

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089728.D
 Acq On : 16 Aug 2016 16:49
 Operator : UM/SJ
 Sample : SSTDICC025
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Manual Integrations
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 8/17/2016 5:58:10 AM

Quant Time: Aug 16 18:53:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	613253	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	2589090	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1197305	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2291491	20.00	ng	0.00
75) Chrysene-d12	13.91	240	1936669	20.00	ng	0.01
86) Perylene-d12	15.45	264	1721531	20.00	ng	0.05

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System Monitoring Compounds

5) 2-Fluorophenol	5.27	112	1863071	24.31	ng	-0.01
7) Phenol-d6	6.33	99	2536128	26.54	ng	0.00
23) Nitrobenzene-d5	7.27	82	2389353	27.97	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	722203	30.38	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	4295433	31.28	ng	0.00
78) Terphenyl-d14	12.81	244	3471459	25.54	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	471501	23.68	ng	97
3) Pyridine	2.84	79	1216730	24.53	ng	98
4) n-Nitrosodimethylamine	2.80	42	510258	24.55	ng	90
6) Aniline	6.35	93	1617392	24.50	ng	94
8) 2-Chlorophenol	6.48	128	1228238	29.05	ng	89
9) Benzaldehyde	6.24	77	860525	26.65	ng	92
10) Phenol	6.34	94	1629901	28.40	ng	86
11) bis(2-Chloroethyl)ether	6.43	93	1004465	23.93	ng	92
12) 1,3-Dichlorobenzene	6.64	146	1265428	27.65	ng	96
13) 1,4-Dichlorobenzene	6.72	146	1322239	28.72	ng	97
14) 1,2-Dichlorobenzene	6.87	146	1107348m	25.17	ng	
15) Benzyl Alcohol	6.84	79	967392	28.18	ng	96
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1538203	28.69	ng	95
17) 2-Methylphenol	6.96	107	918304	26.06	ng	97
18) Hexachloroethane	7.22	117	462495	26.84	ng	91
19) n-Nitroso-di-n-propylamine	7.12	70	788512	25.36	ng	97
20) 3+4-Methylphenols	7.12	107	1279582	29.53	ng	# 76
22) Acetophenone	7.12	105	1630621	26.41	ng	# 88
24) Nitrobenzene	7.28	77	1149413	25.06	ng	92
25) Isophorone	7.53	82	2296132	26.87	ng	95
26) 2-Nitrophenol	7.60	139	528025	24.84	ng	# 68
27) 2,4-Dimethylphenol	7.64	122	1036799	24.51	ng	94
28) bis(2-Chloroethoxy)methane	7.75	93	1419879	26.14	ng	97
29) 2,4-Dichlorophenol	7.84	162	872096	24.26	ng	91
30) 1,2,4-Trichlorobenzene	7.93	180	1013707	26.78	ng	98
31) Naphthalene	8.01	128	3380662	29.02	ng	98
32) Benzoic acid	7.76	122	807441	29.79	ng	97
33) 4-Chloroaniline	8.06	127	1291250	23.17	ng	# 88
34) Hexachlorobutadiene	8.14	225	541397	28.05	ng	99
35) Caprolactam	8.42	113	259722	23.40	ng	# 79
36) 4-Chloro-3-methylphenol	8.54	107	955659	25.51	ng	84
37) 2-Methylnaphthalene	8.70	142	2013756	25.03	ng	# 96
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1084395	32.39	ng	98
40) Hexachlorocyclopentadiene	8.86	237	452425	24.47	ng	99

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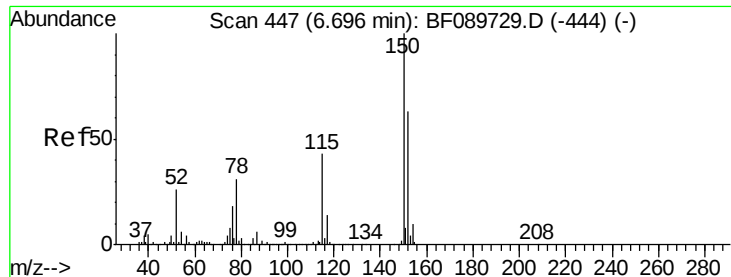
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 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	688473	28.67	ng	98
43) 2,4,5-Trichlorophenol	9.02	196	690473	30.19	ng	95
45) 1,1'-Biphenyl	9.16	154	2479045	24.99	ng	99
46) 2-Chloronaphthalene	9.19	162	2156819	29.99	ng	96
47) 2-Nitroaniline	9.28	65	623524	26.81	ng	96
48) Acenaphthylene	9.60	152	3227756	28.51	ng	98
49) Dimethylphthalate	9.47	163	2409870	28.72	ng	99
50) 2,6-Dinitrotoluene	9.53	165	578261	31.11	ng	# 83
51) Acenaphthene	9.77	154	2000409	26.99	ng	100
52) 3-Nitroaniline	9.69	138	651847	27.04	ng	98
53) 2,4-Dinitrophenol	9.79	184	234868	35.56	ng	# 85
54) Dibenzofuran	9.94	168	2551894	24.28	ng	98
55) 4-Nitrophenol	9.84	139	488085	26.48	ng	# 70
56) 2,4-Dinitrotoluene	9.92	165	641422	26.72	ng	# 44
57) Fluorene	10.28	166	2256074	29.93	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	474400	24.01	ng	94
59) Diethylphthalate	10.17	149	2404522	28.04	ng	98
60) 4-Chlorophenyl-phenylether	10.28	204	990985	29.79	ng	99
61) 4-Nitroaniline	10.30	138	570831	26.82	ng	92
62) Azobenzene	10.44	77	2437863	26.23	ng	93
64) 4,6-Dinitro-2-methylphenol	10.33	198	349540	28.44	ng	# 78
65) n-Nitrosodiphenylamine	10.40	169	1911082	25.82	ng	99
66) 4-Bromophenyl-phenylether	10.78	248	608448	25.93	ng	98
67) Hexachlorobenzene	10.83	284	731093	27.76	ng	96
68) Atrazine	10.94	200	578152	26.57	ng	93
69) Pentachlorophenol	11.02	266	421274	26.53	ng	98
70) Phenanthrene	11.24	178	3192311	28.08	ng	100
71) Anthracene	11.29	178	3375338	28.38	ng	97
72) Carbazole	11.44	167	2938112	25.92	ng	100
73) Di-n-butylphthalate	11.79	149	3420588	26.17	ng	98
74) Fluoranthene	12.42	202	3279809	27.31	ng	96
76) Benzidine	12.55	184	1781760	26.86	ng	98
77) Pyrene	12.65	202	3425058	27.59	ng	96
79) Butylbenzylphthalate	13.31	149	1604531	28.28	ng	92
80) Benzo(a)anthracene	13.90	228	2907471	26.15	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	1148979	28.16	ng	# 94
82) Chrysene	13.94	228	2683535	26.87	ng	98
83) Bis(2-ethylhexyl)phthalate	13.93	149	2195351	27.53	ng	# 99
84) Di-n-octyl phthalate	14.64	149	3582599	29.85	ng	97
85) Indeno(1,2,3-cd)pyrene	16.75	276	2286938	26.75	ng	98
87) Benzo(b)fluoranthene	15.05	252	2526235	23.71	ng	# 96
88) Benzo(k)fluoranthene	15.09	252	2642006m	31.01	ng	
89) Benzo(a)pyrene	15.39	252	2408370	26.95	ng	# 96
90) Dibenzo(a,h)anthracene	16.79	278	1894119	26.99	ng	97
91) Benzo(g,h,i)perylene	17.15	276	1893277	26.62	ng	# 93

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:152 Resp: 613253
Ion Ratio Lower Upper

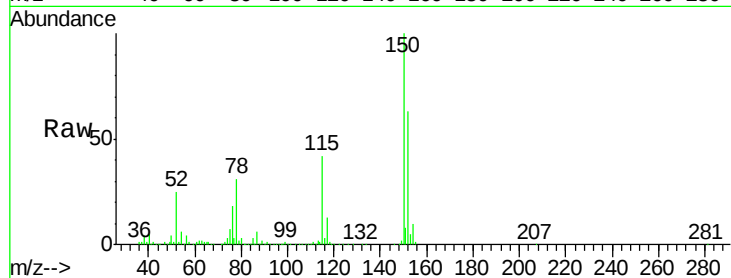
152 100

150 157.6 125.3 187.9

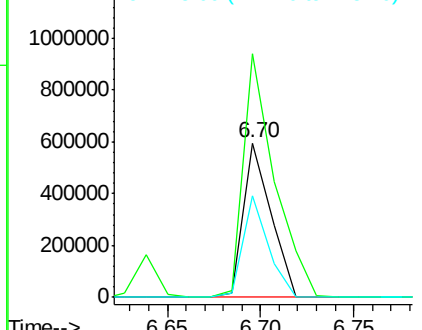
115 66.0 40.9 61.3#

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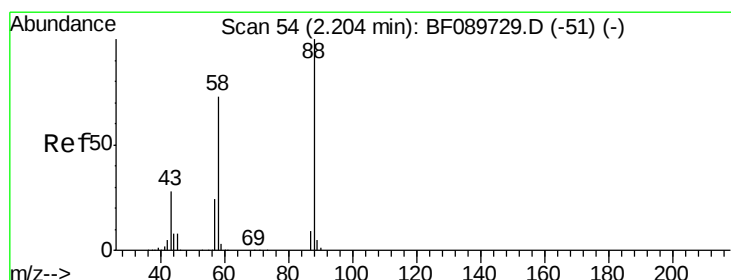
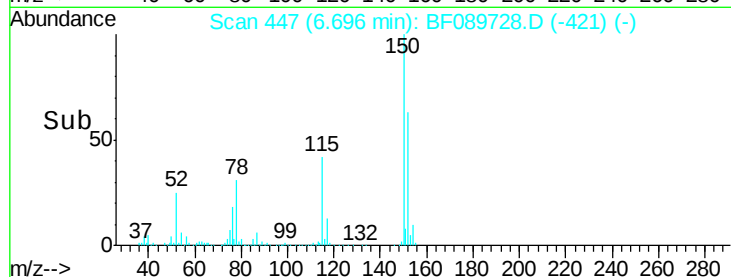


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



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#2

1,4-Dioxane

Concen: 23.68 ng

RT: 2.20 min Scan# 54

Delta R.T. -0.00 min

Lab File: BF089728.D

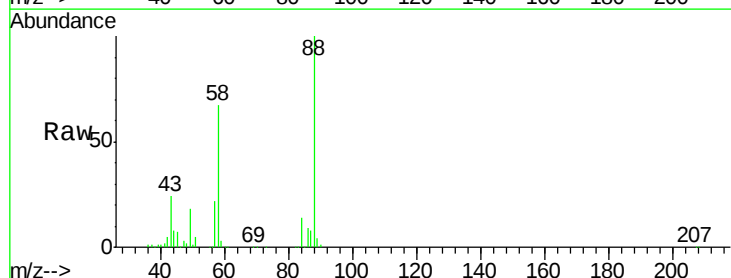
Acq: 16 Aug 2016 16:49

Tgt Ion: 88 Resp: 471501
Ion Ratio Lower Upper

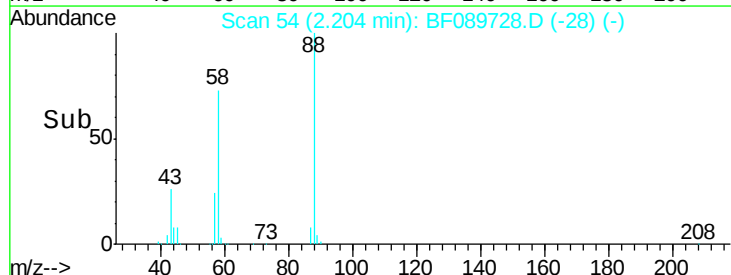
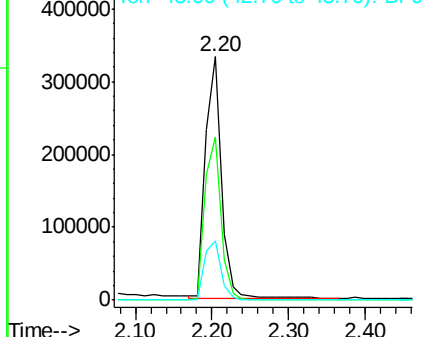
88 100

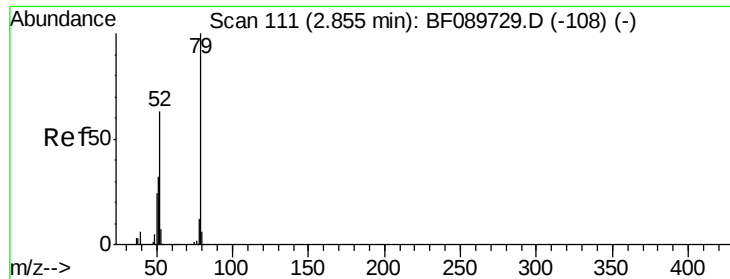
58 68.4 57.0 85.4

43 25.9 21.8 32.8



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 24.53 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 79 Resp: 1216730

Ion Ratio Lower Upper

79 100

52 64.2 53.6 80.4

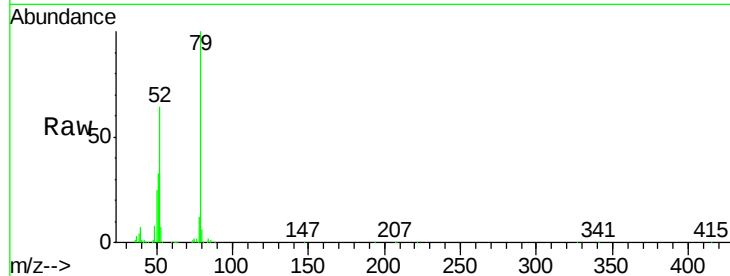
51 33.0 26.6 39.8

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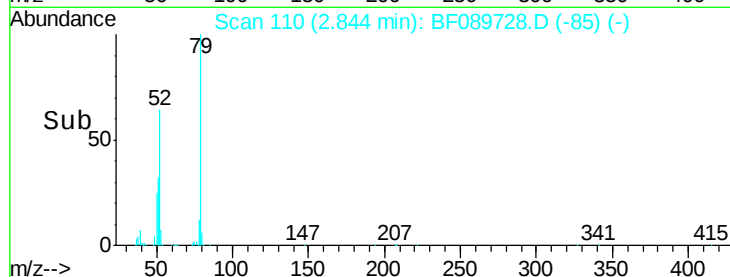
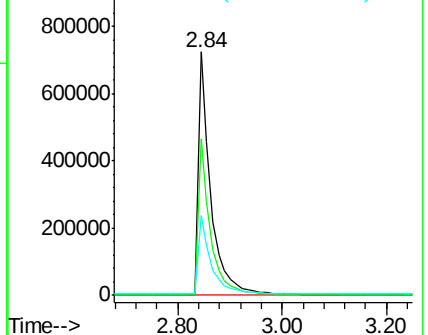
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Abundance Ion 79.00 (78.70 to 79.70): BF0

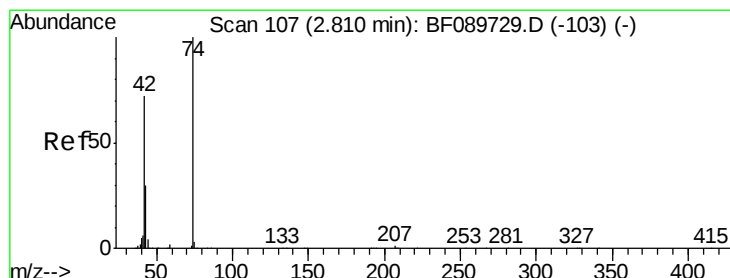
Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



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#4

n-Nitrosodimethylamine

Concen: 24.55 ng

RT: 2.80 min Scan# 106

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

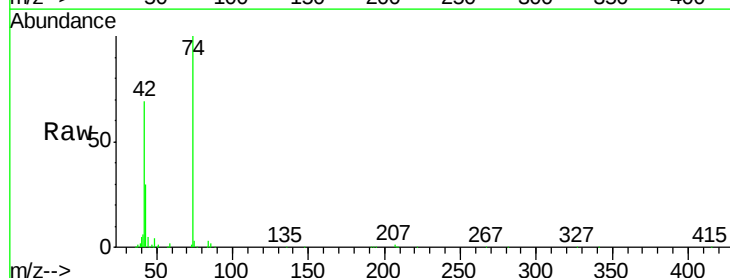
Tgt Ion: 42 Resp: 510258

Ion Ratio Lower Upper

42 100

74 144.7 106.2 159.2

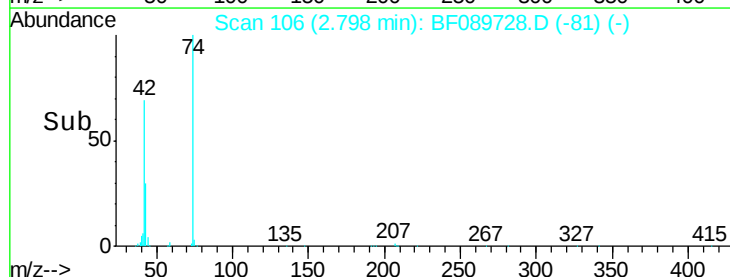
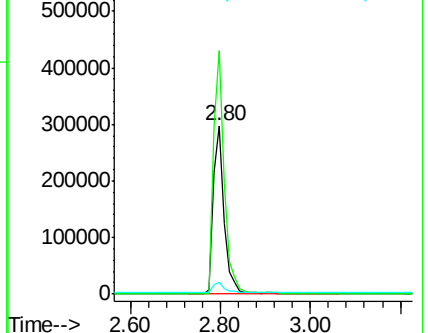
44 7.2 6.9 10.3

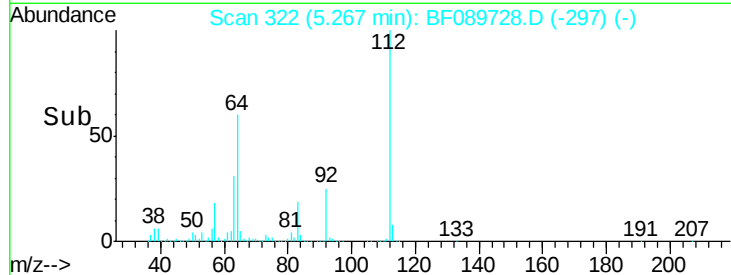
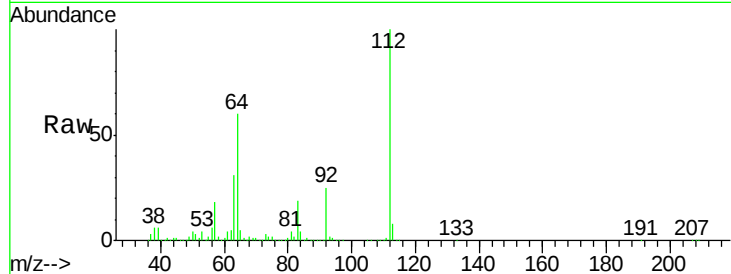
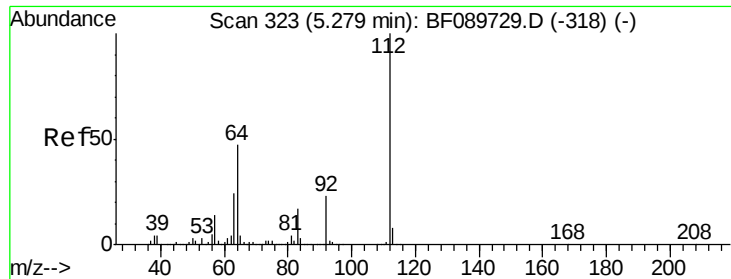


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 24.31 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:	112	Resp:	1863071
Ion Ratio	Lower	Upper	
112	100		
64	60.1	45.0	67.4
63	31.3	23.1	34.7

Instrument :

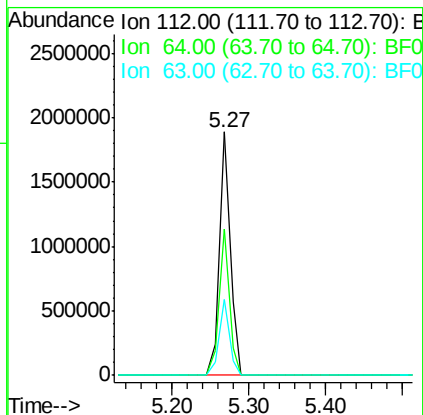
BNA_F

ClientSampleId :

SSTDIC025

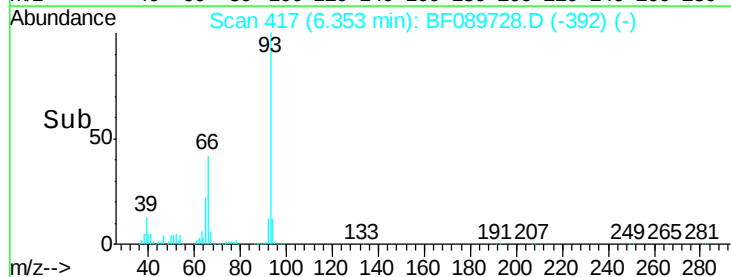
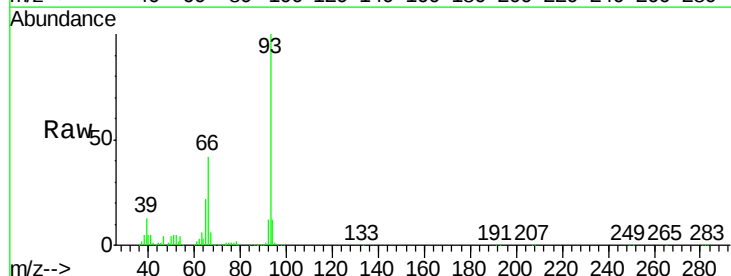
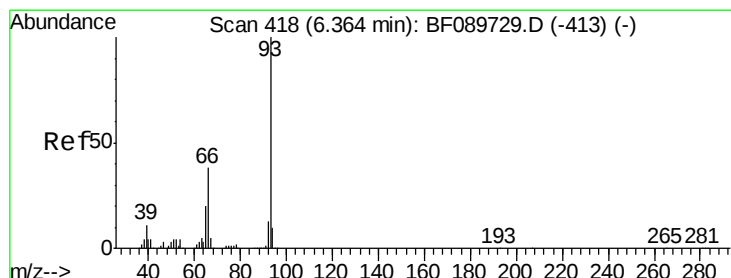
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#6

Aniline

Concen: 24.50 ng

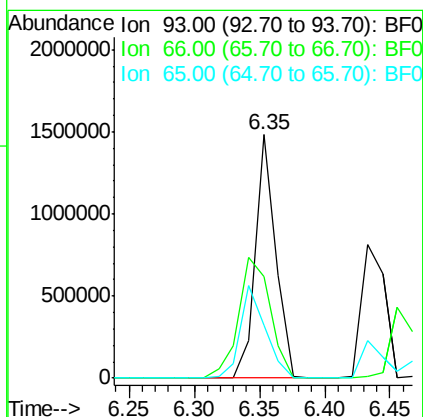
RT: 6.35 min Scan# 417

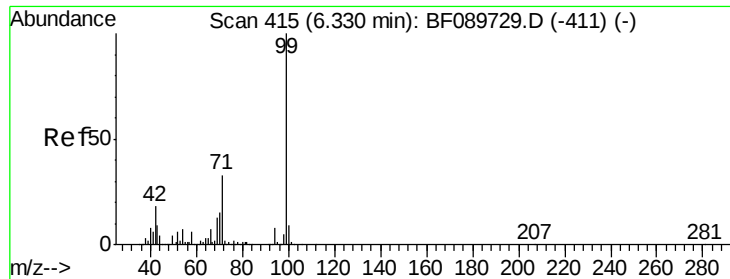
Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:	93	Resp:	1617392
Ion Ratio	Lower	Upper	
93	100		
66	41.8	30.6	46.0
65	21.6	15.4	23.2





#7

Phenol-d6

Concen: 26.54 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 99 Resp: 2536128

Ion Ratio Lower Upper

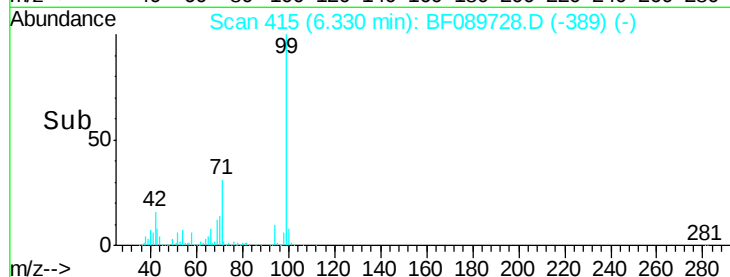
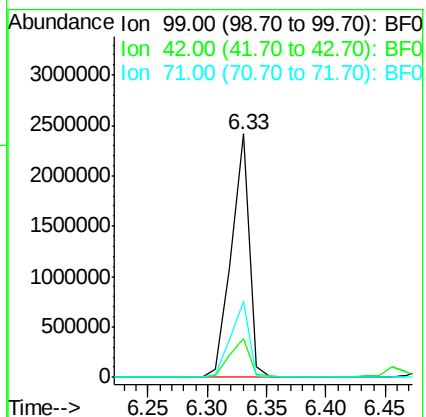
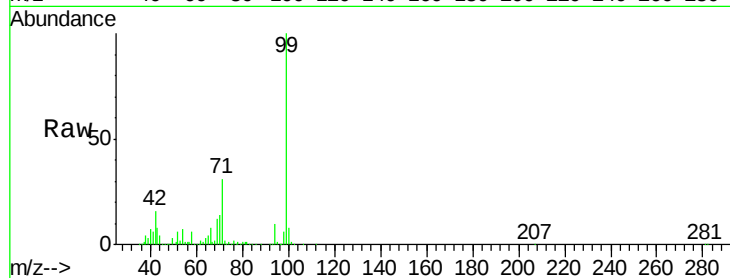
99 100

42 16.0 12.2 18.4

71 31.1 23.8 35.8

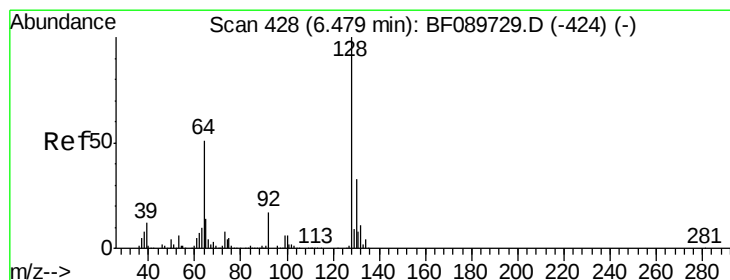
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#8

2-Chlorophenol

Concen: 29.05 ng

RT: 6.48 min Scan# 428

Delta R.T. 0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

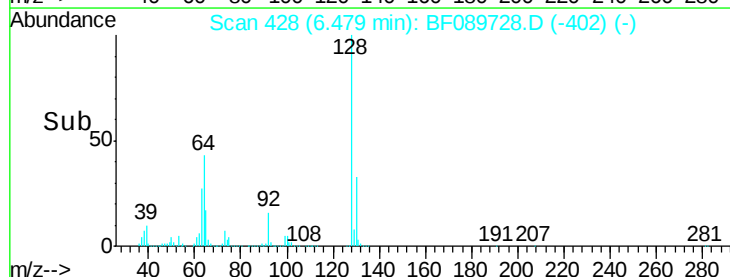
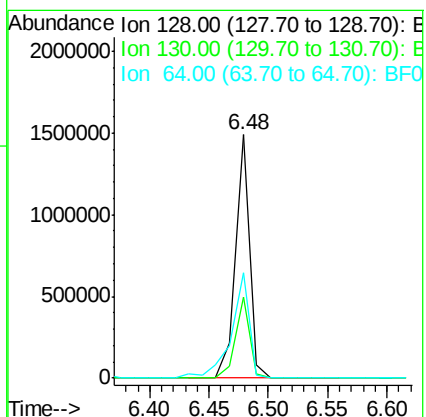
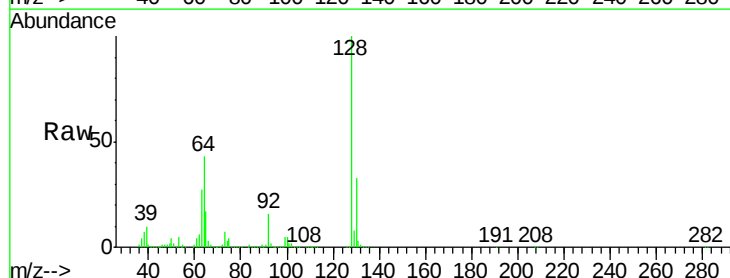
Tgt Ion: 128 Resp: 1228238

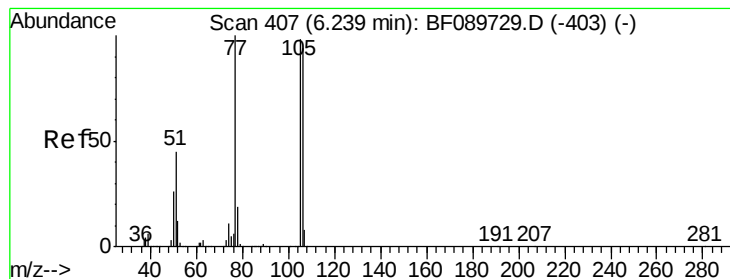
Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

64 43.4 35.1 75.1





#9

Benzaldehyde

Concen: 26.65 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

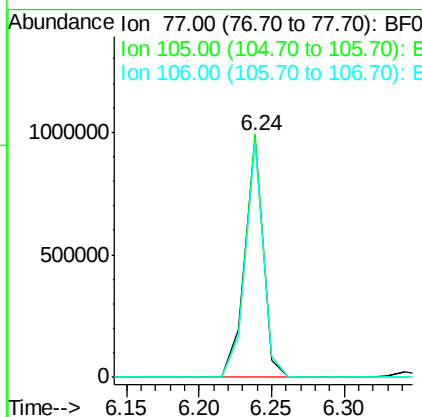
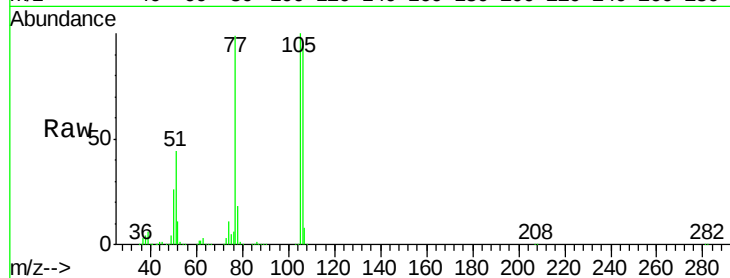
ClientSampleId :

SSTDIC025

Tgt Ion:	77	Resp:	860525
Ion Ratio	Lower	Upper	
77	100		
105	100.8	73.3	113.3
106	97.2	68.6	108.6

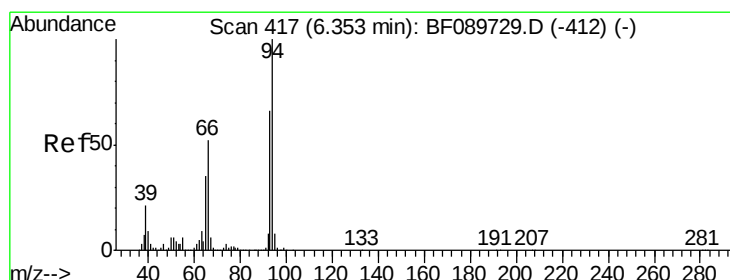
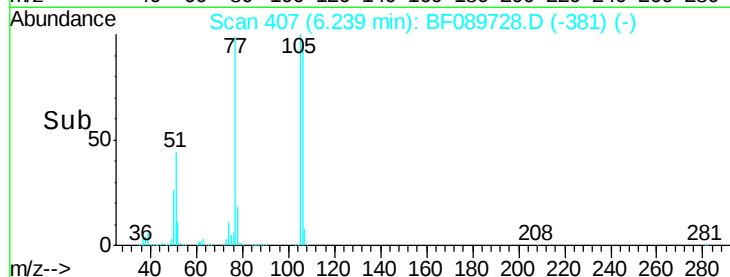
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#10

Phenol

Concen: 28.40 ng

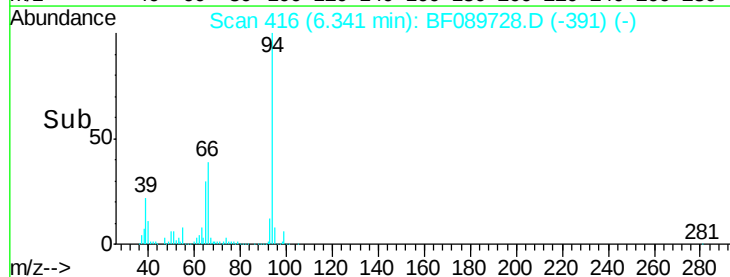
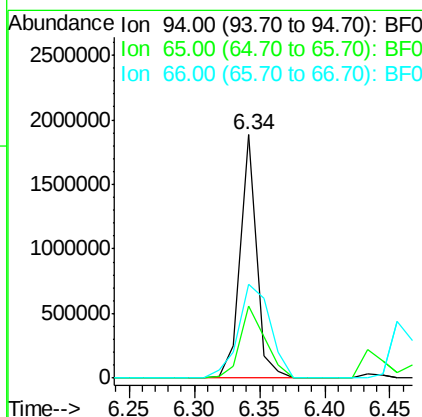
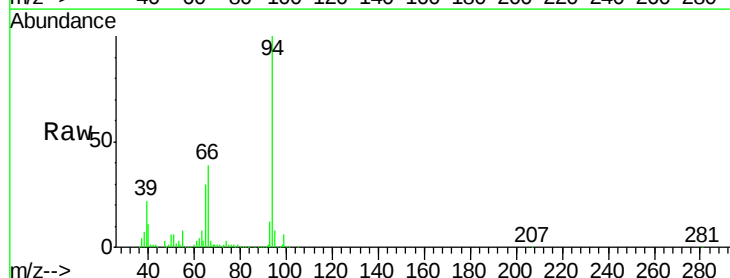
RT: 6.34 min Scan# 416

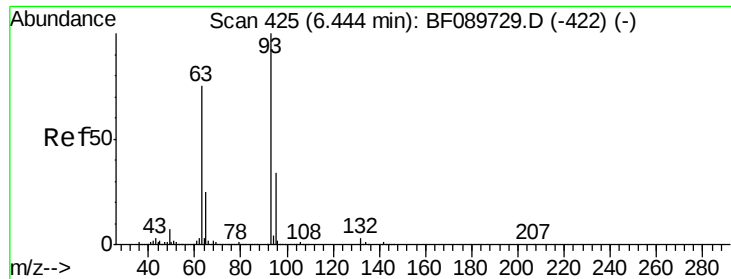
Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:	94	Resp:	1629901
Ion Ratio	Lower	Upper	
94	100		
65	29.7	14.0	54.0
66	38.8	31.2	71.2





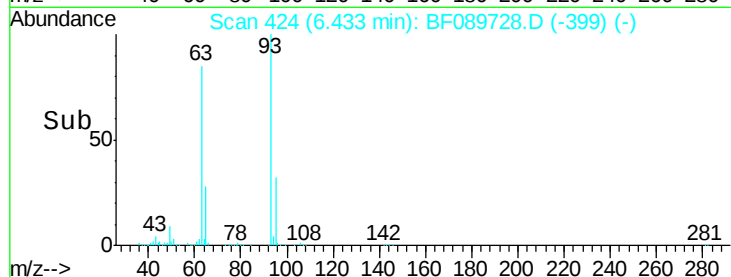
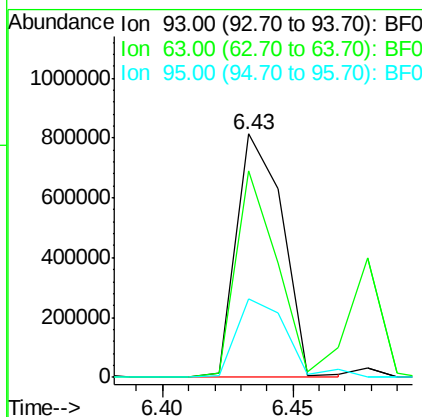
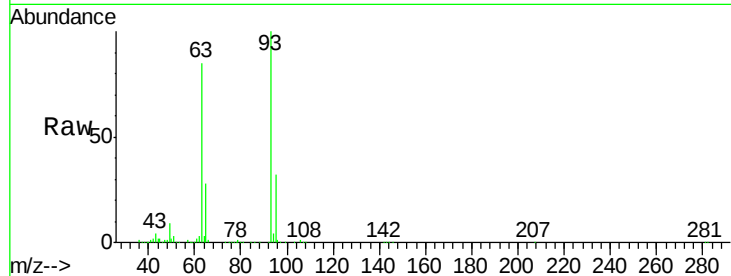
#11
bis(2-Chloroethyl)ether
Concen: 23.93 ng
RT: 6.43 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion: 93 Resp: 1004465
Ion Ratio Lower Upper
93 100
63 85.0 55.8 95.8
95 32.3 13.0 53.0

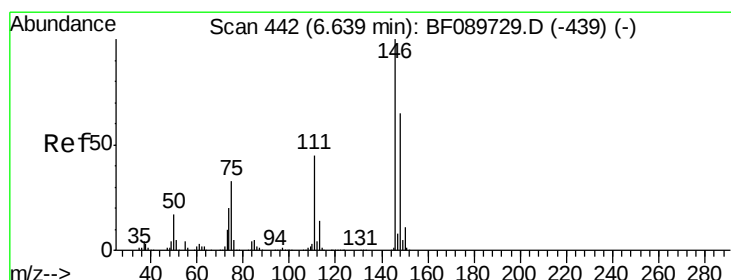
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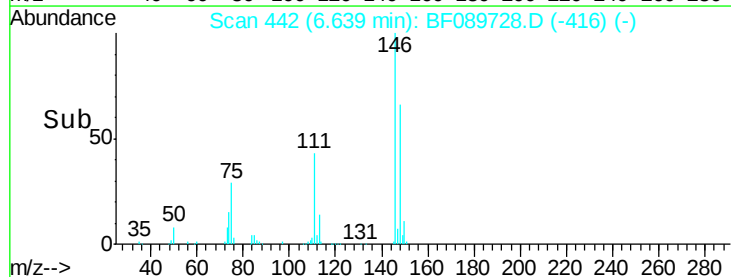
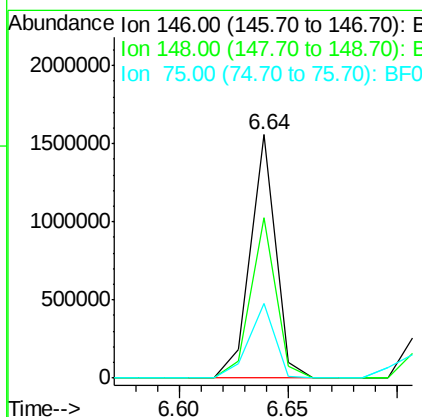
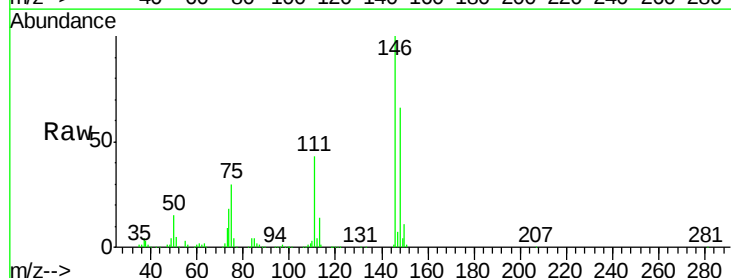
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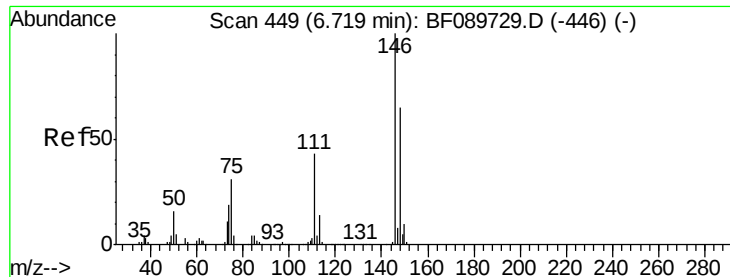
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#12
1,3-Dichlorobenzene
Concen: 27.65 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion: 146 Resp: 1265428
Ion Ratio Lower Upper
146 100
148 65.7 51.0 76.4
75 30.5 27.0 40.6





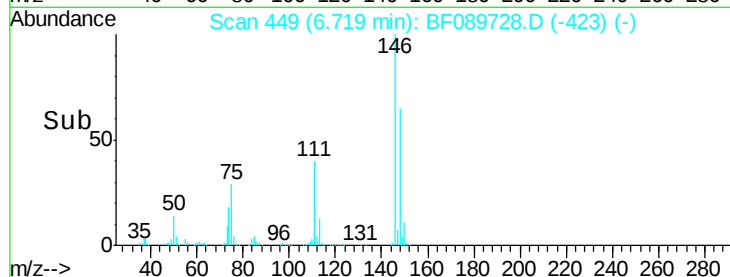
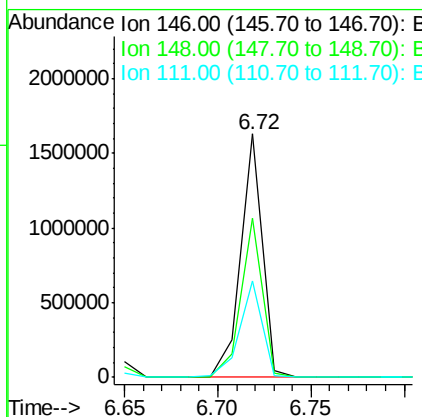
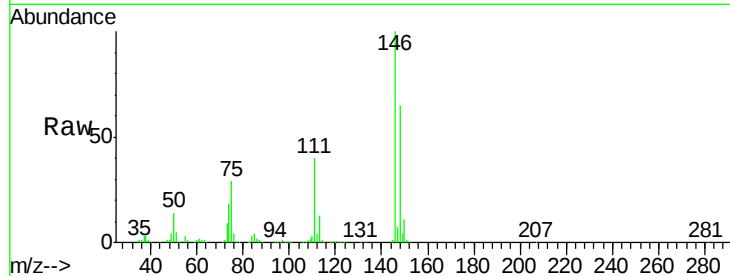
#13
 1,4-Dichlorobenzene
 Concen: 28.72 ng
 RT: 6.72 min Scan# 449
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:146 Resp: 1322239
 Ion Ratio Lower Upper
 146 100
 148 65.4 51.0 76.6
 111 39.8 34.6 52.0

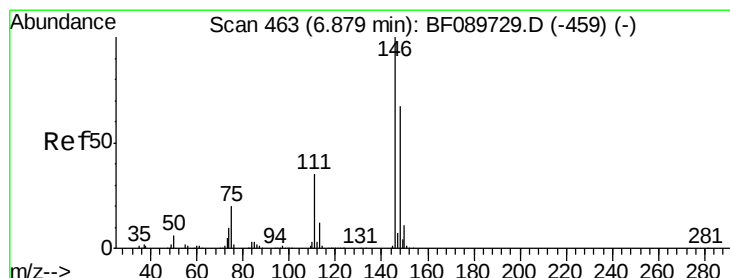
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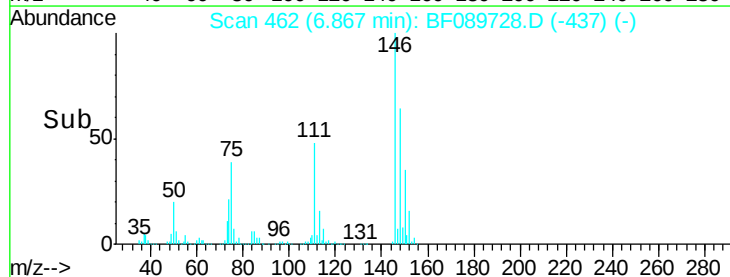
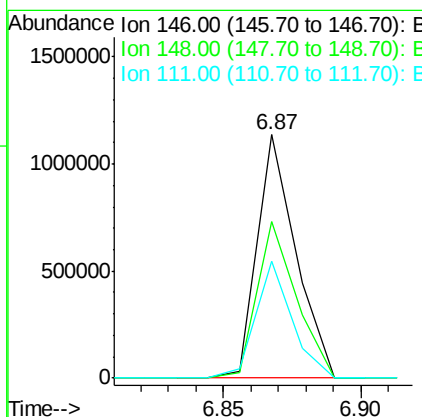
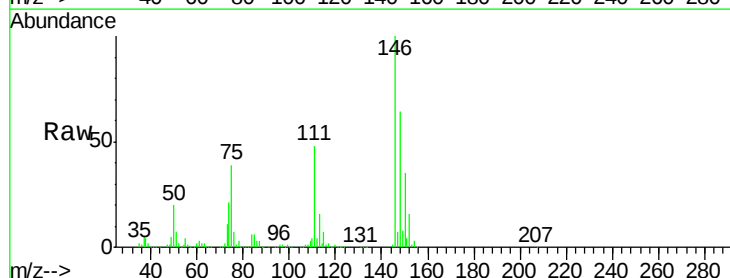
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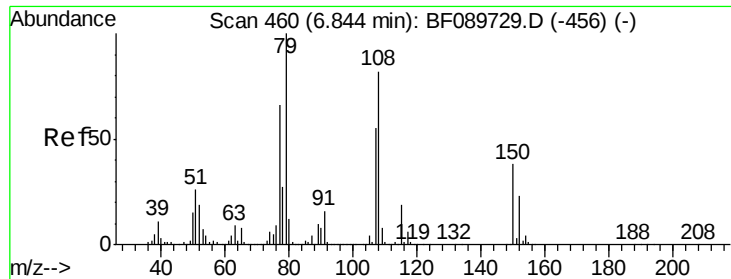
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#14
 1,2-Dichlorobenzene
 Concen: 25.17 ng m
 RT: 6.87 min Scan# 462
 Delta R.T. -0.01 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion:146 Resp: 1107348
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 47.9 29.8 44.6#





#15

Benzyl Alcohol

Concen: 28.18 ng

RT: 6.84 min Scan# 460

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 79 Resp: 967392

Ion Ratio Lower Upper

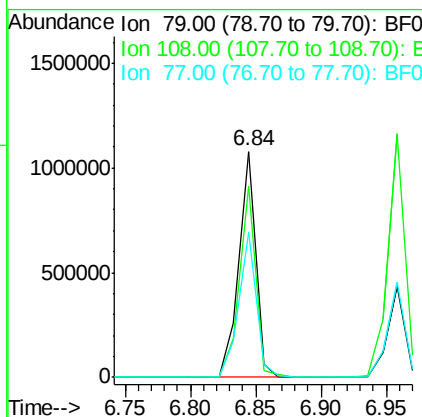
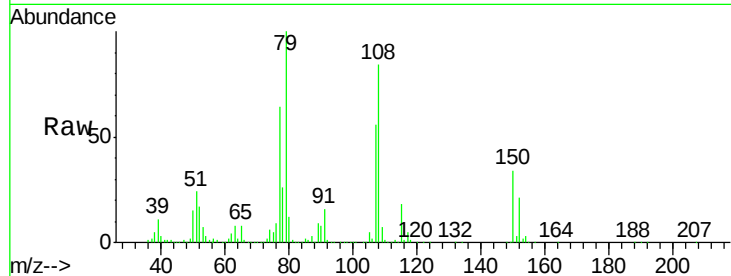
79 100

108 84.4 62.5 93.7

77 64.4 51.5 77.3

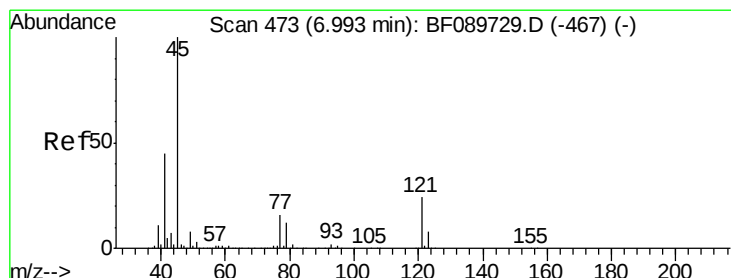
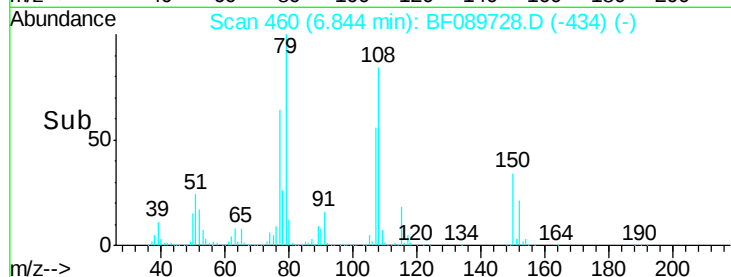
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 28.69 ng

RT: 6.99 min Scan# 473

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

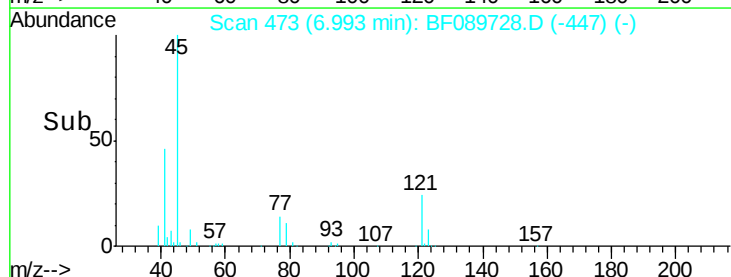
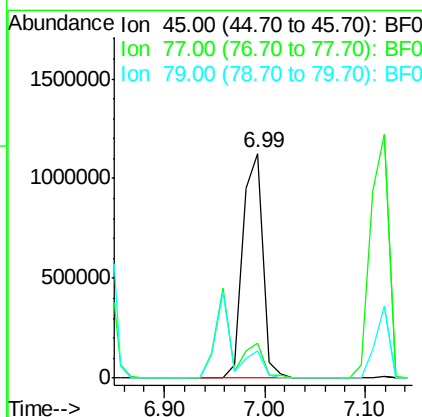
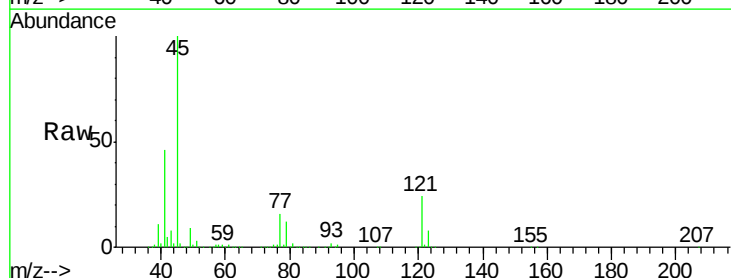
Tgt Ion: 45 Resp: 1538203

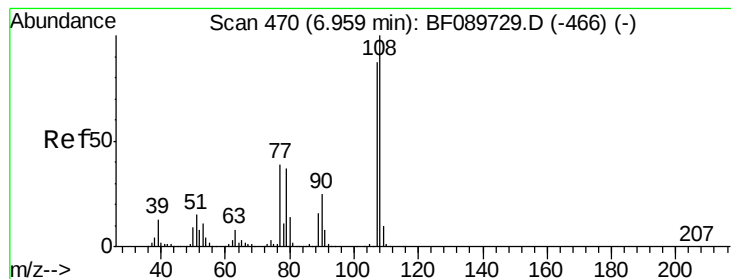
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.5

79 12.4 0.0 30.7





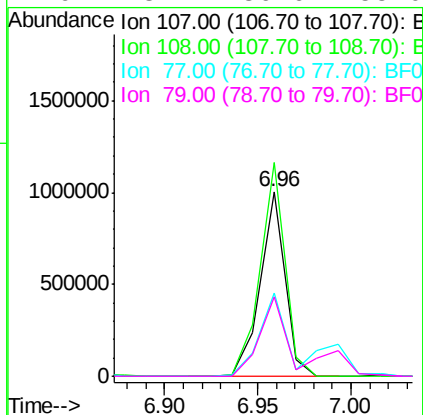
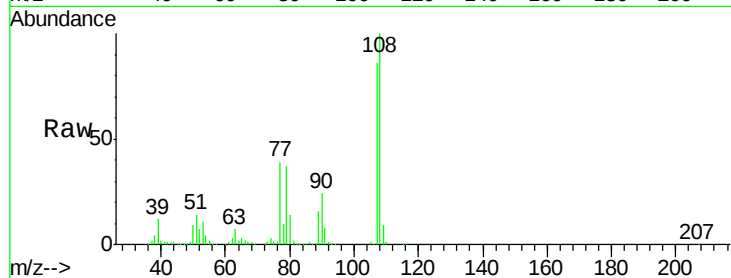
#17
2-Methylphenol
Concen: 26.06 ng
RT: 6.96 min Scan# 470
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:	107	Resp:	918304
Ion Ratio	Lower	Upper	
107	100		
108	115.7	91.0	136.4
77	45.0	37.4	56.0
79	43.2	36.6	55.0

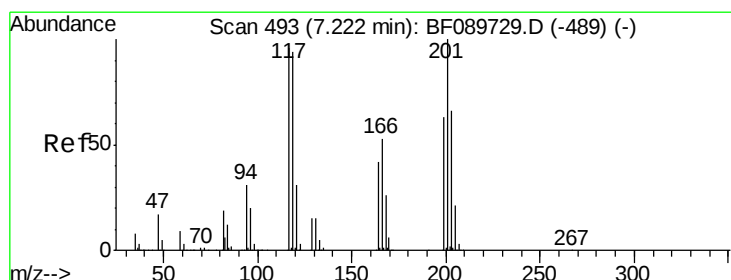
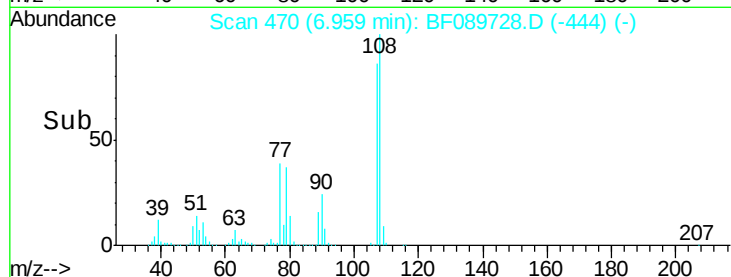
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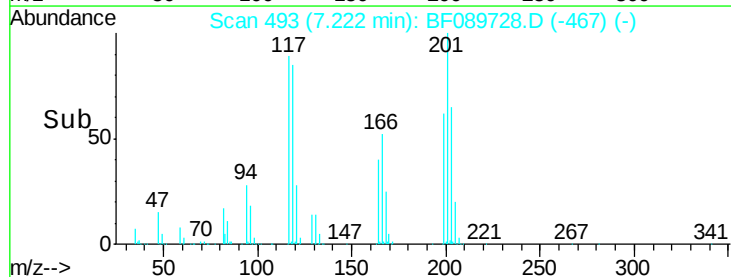
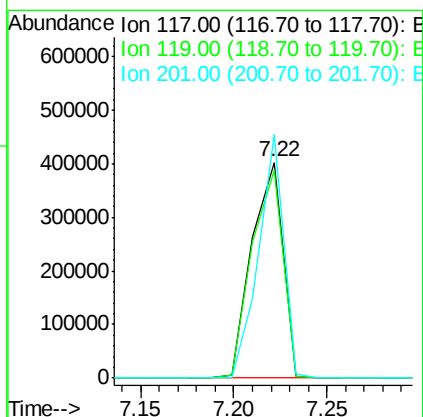
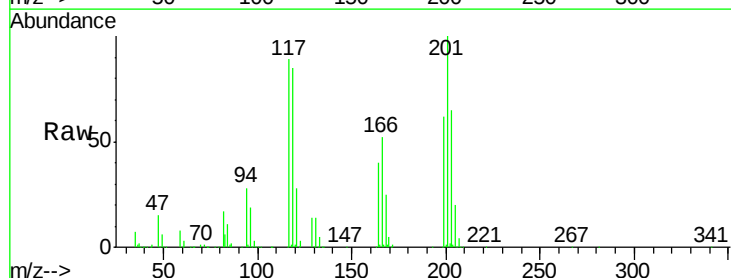
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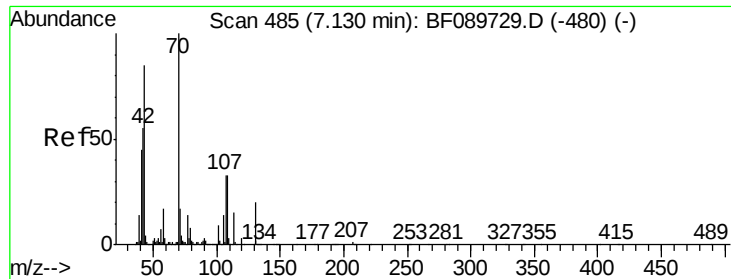
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#18
Hexachloroethane
Concen: 26.84 ng
RT: 7.22 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion:	117	Resp:	462495
Ion Ratio	Lower	Upper	
117	100		
119	96.0	77.1	115.7
201	112.7	76.9	115.3





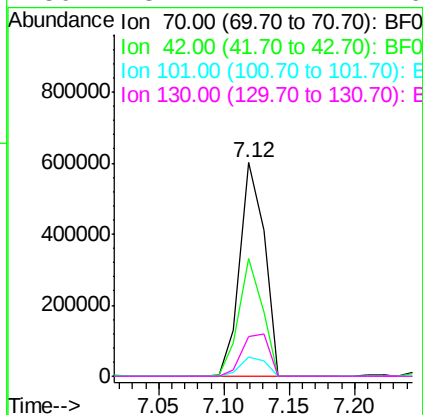
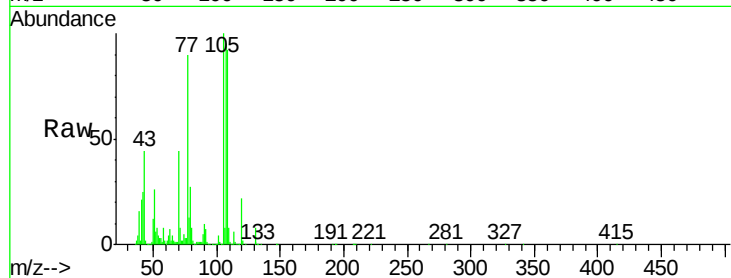
#19
n-Nitroso-di-n-propylamine
Concen: 25.36 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
70	100		
42	55.2	46.3	69.5
101	9.1	7.0	10.6
130	18.7	14.4	21.6

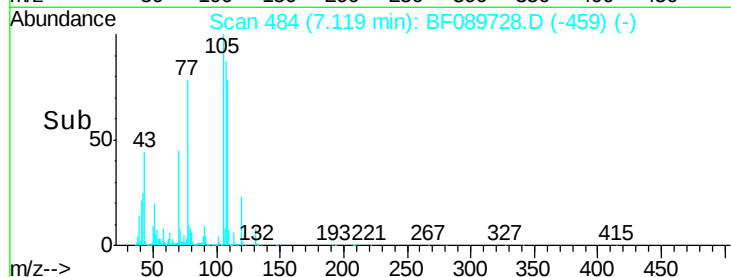
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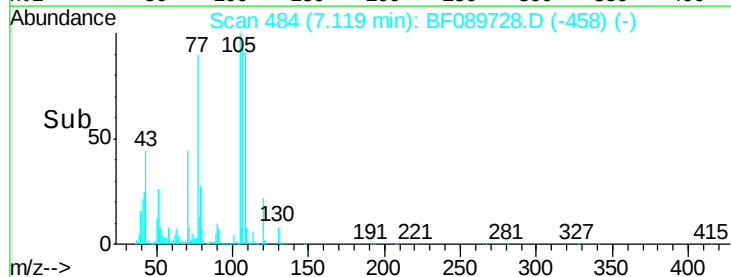
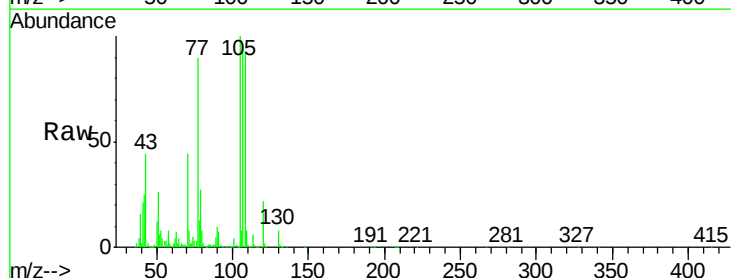
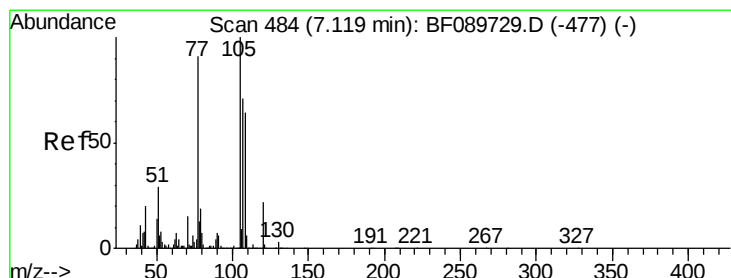
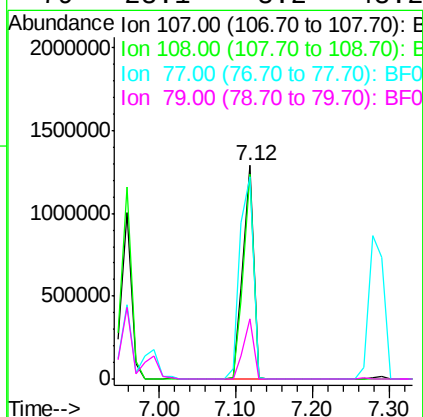
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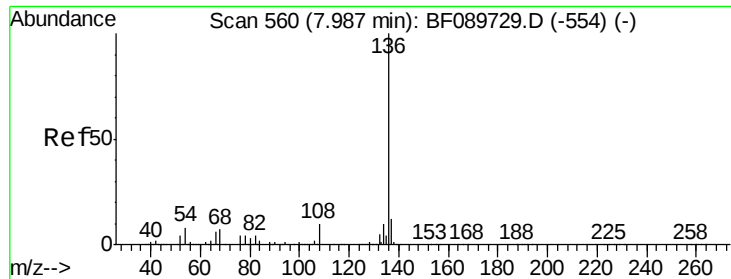
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#20
3+4-Methylphenols
Concen: 29.53 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.0	68.2	108.2
77	94.6	122.3	162.3#
79	28.1	8.2	48.2





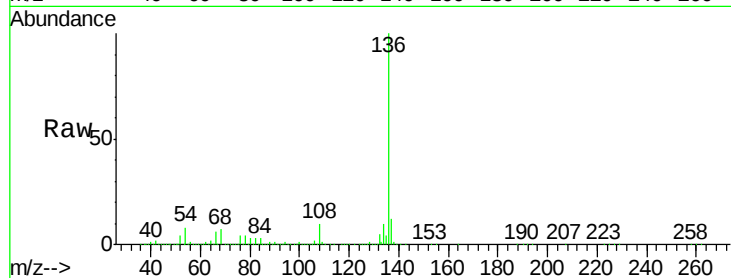
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

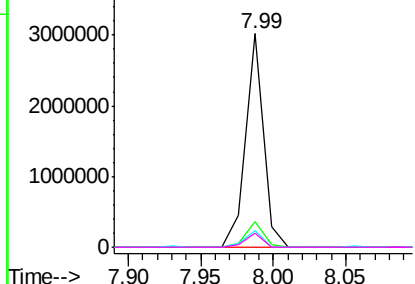
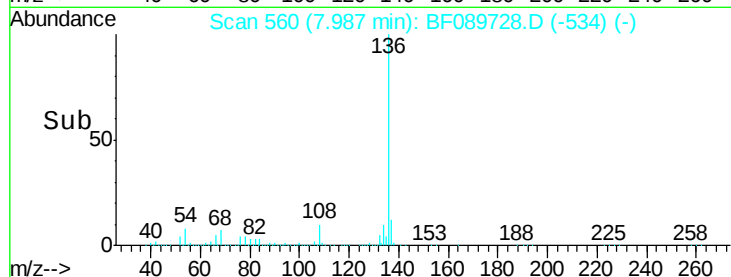
Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	7.6	7.2	10.8
68	6.6	5.8	8.8

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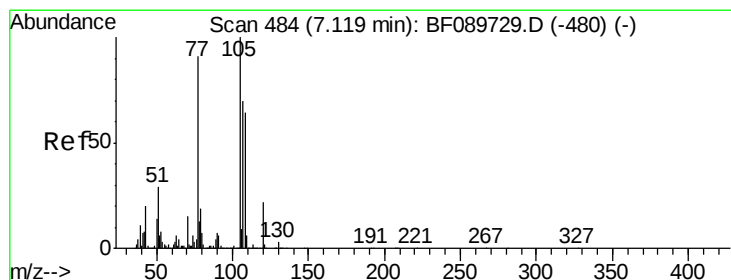


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



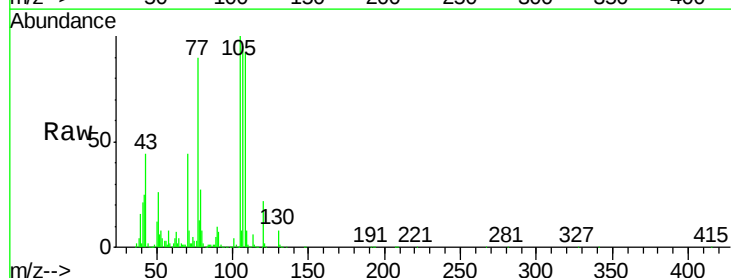
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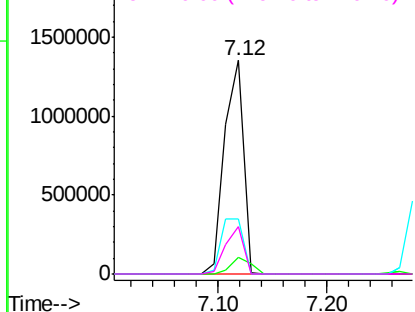
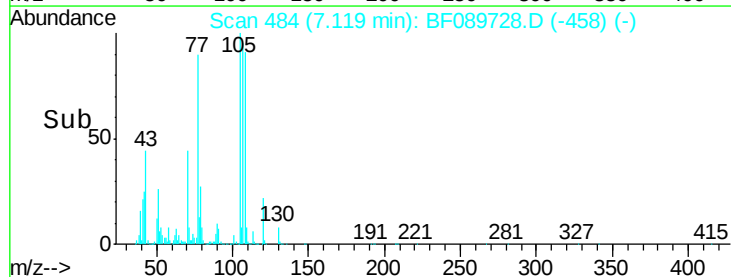


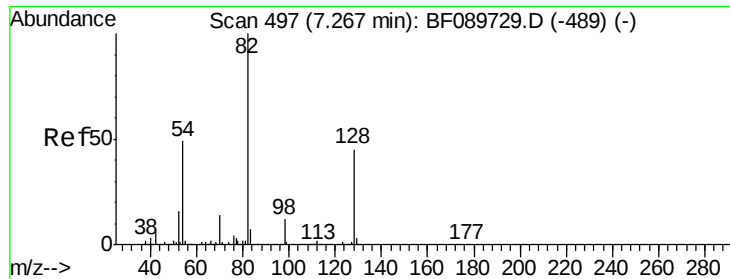
#22
Acetophenone
Concen: 26.41 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.5	1.9	2.9#
51	26.0	28.5	42.7#
120	22.5	16.6	25.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 27.97 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 82 Resp: 2389353

Ion Ratio Lower Upper

82 100

128 46.6 34.4 51.6

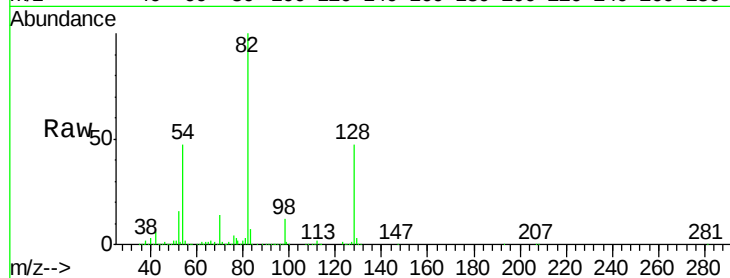
54 47.0 40.3 60.5

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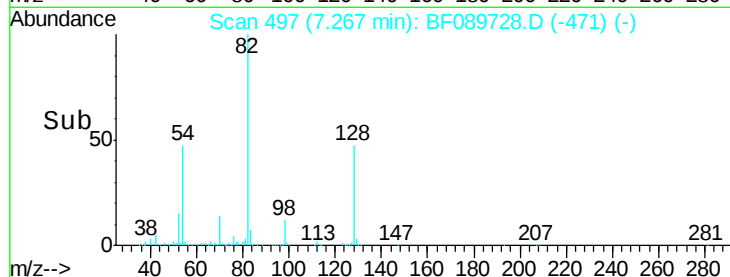
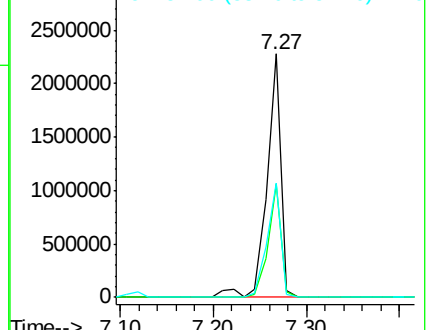
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Abundance Ion 82.00 (81.70 to 82.70): BF0

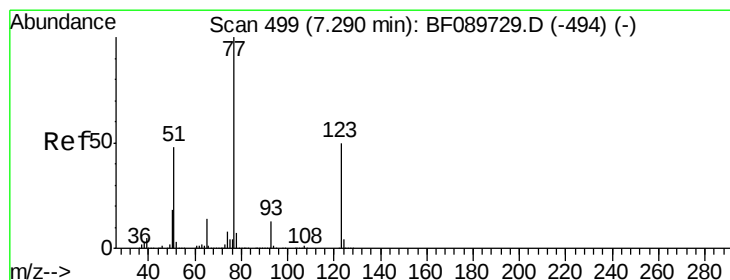
Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



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#24

Nitrobenzene

Concen: 25.06 ng

RT: 7.28 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

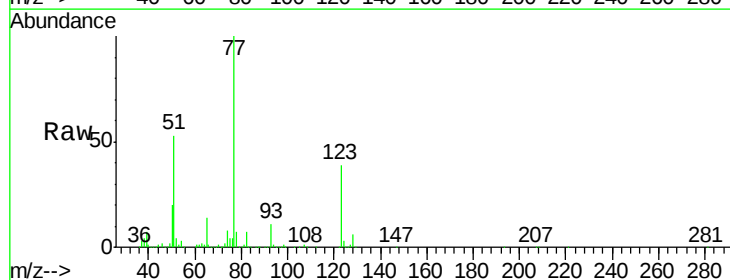
Tgt Ion: 77 Resp: 1149413

Ion Ratio Lower Upper

77 100

123 39.3 36.2 54.2

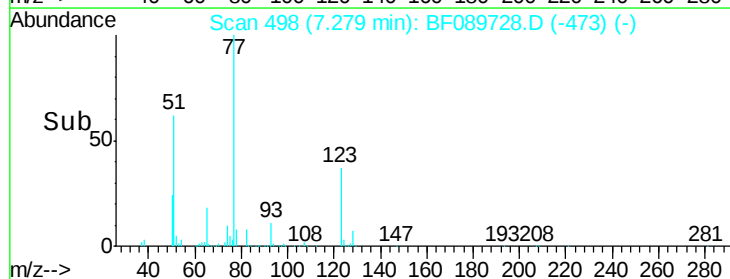
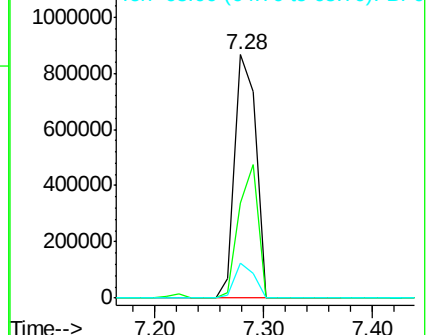
65 14.2 10.6 15.8

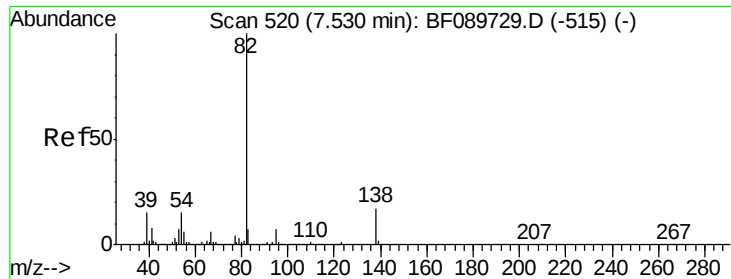


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 26.87 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

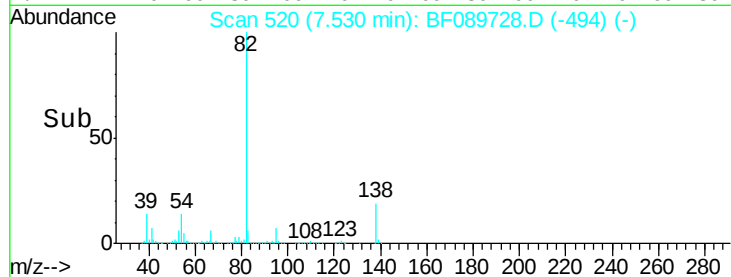
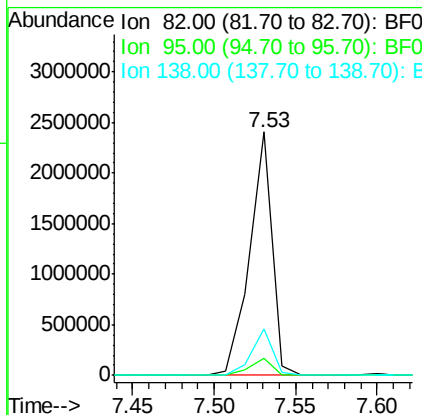
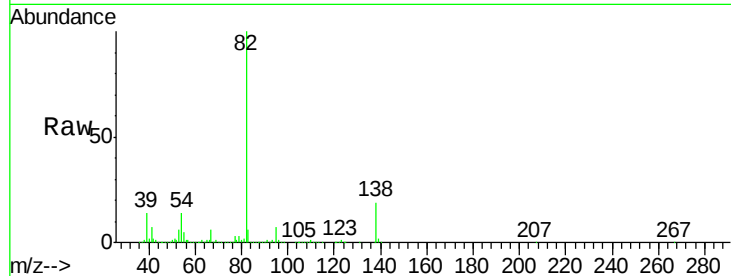
SSTDIC025

Tgt Ion: 82 Resp: 2296132

Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.3	7.9
138	19.0	13.0	19.4

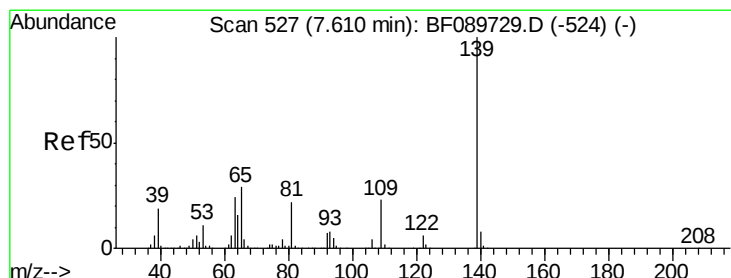
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#26

2-Nitrophenol

Concen: 24.84 ng

RT: 7.60 min Scan# 526

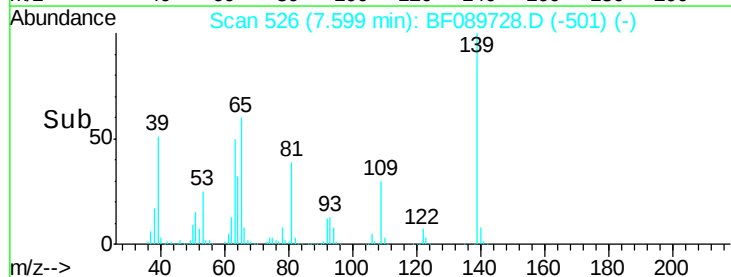
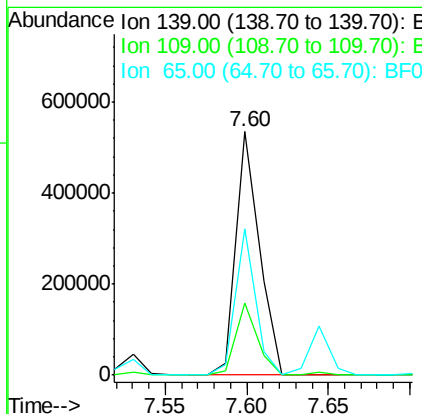
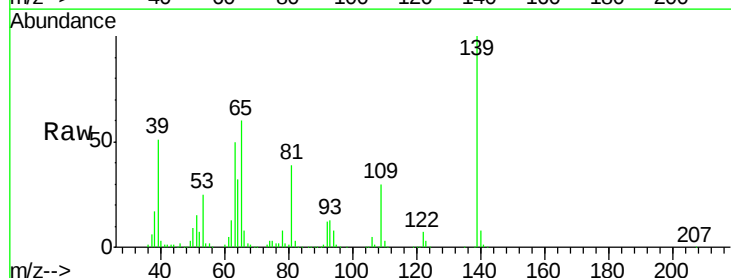
Delta R.T. -0.01 min

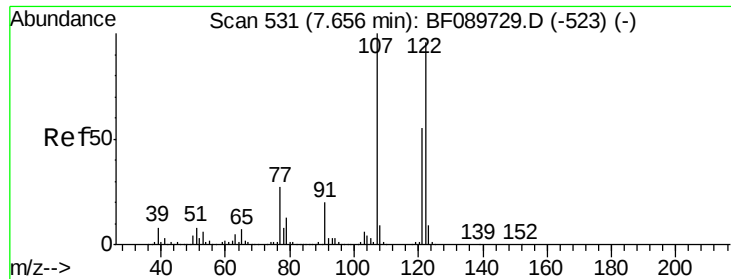
Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion: 139 Resp: 528025

Ion	Ratio	Lower	Upper
139	100		
109	29.8	19.5	29.3#
65	60.3	26.5	39.7#





#27

2,4-Dimethylphenol

Concen: 24.51 ng

RT: 7.64 min Scan# 530

Delta R.T. -0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:122 Resp: 1036799

Ion Ratio Lower Upper

122 100

107 114.2 84.8 127.2

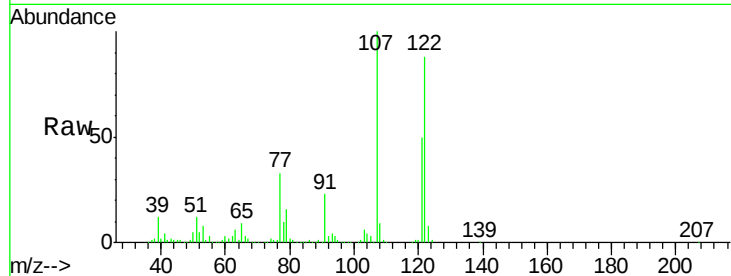
121 57.5 47.0 70.6

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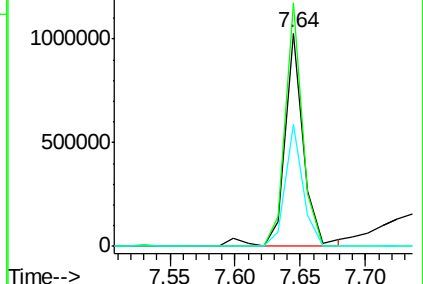
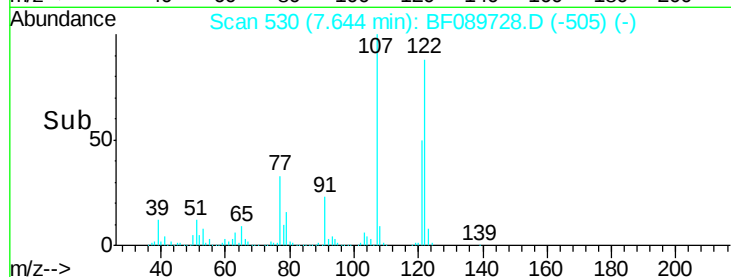
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Abundance Ion 122.00 (121.70 to 122.70): E

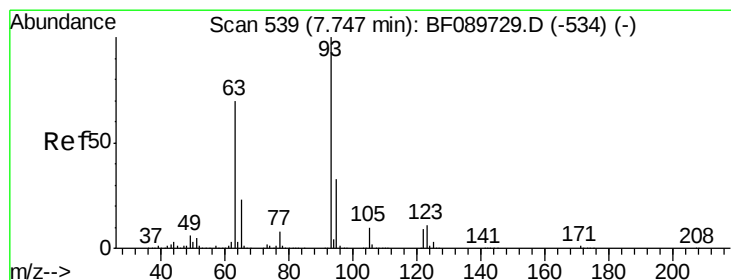
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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#28

bis(2-Chloroethoxy)methane

Concen: 26.14 ng

RT: 7.75 min Scan# 539

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

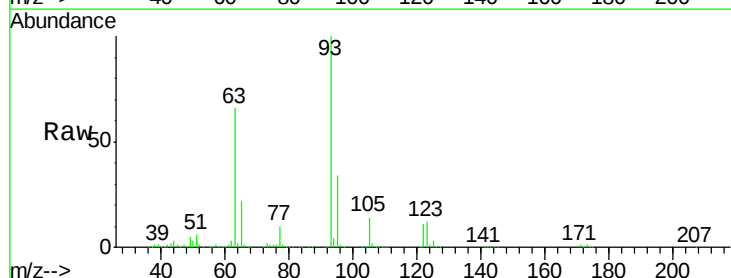
Tgt Ion: 93 Resp: 1419879

Ion Ratio Lower Upper

93 100

95 33.6 25.5 38.3

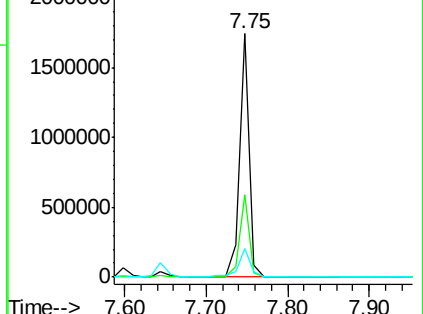
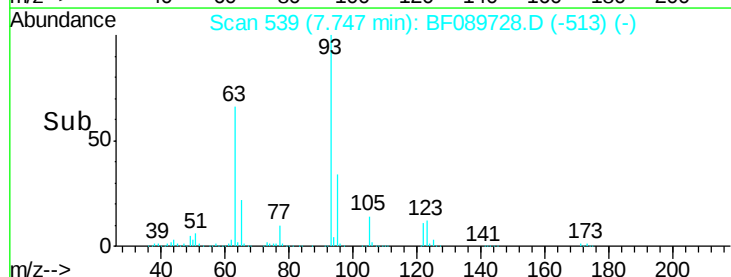
123 11.8 8.5 12.7

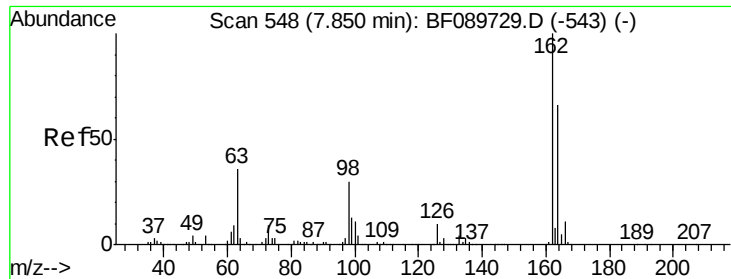


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





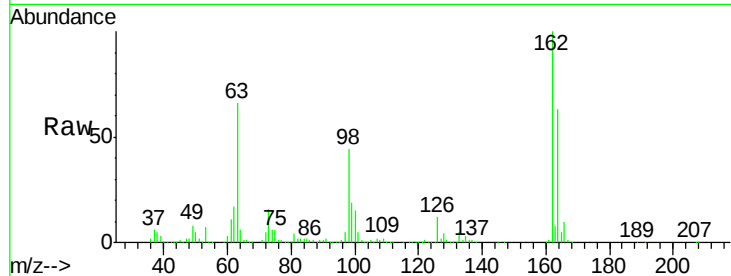
#29
 2,4-Dichlorophenol
 Concen: 24.26 ng
 RT: 7.84 min Scan# 547
 Delta R.T. -0.01 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

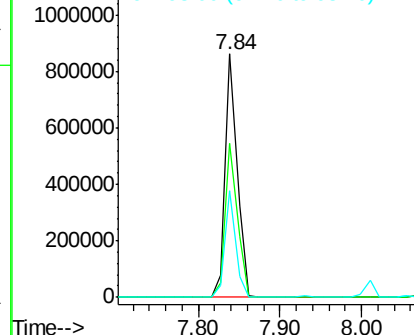
Tgt Ion:	162	Resp:	872096
Ion Ratio	Lower	Upper	
162	100		
164	63.1	45.5	85.5
98	43.8	12.4	52.4

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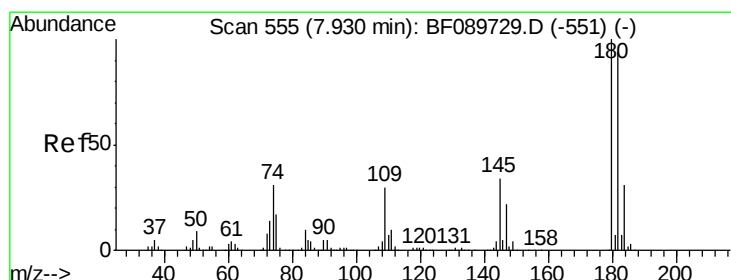
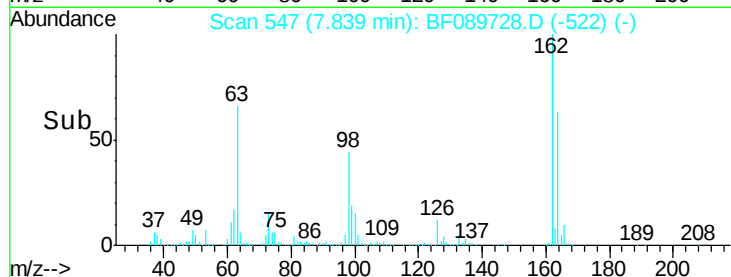


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0



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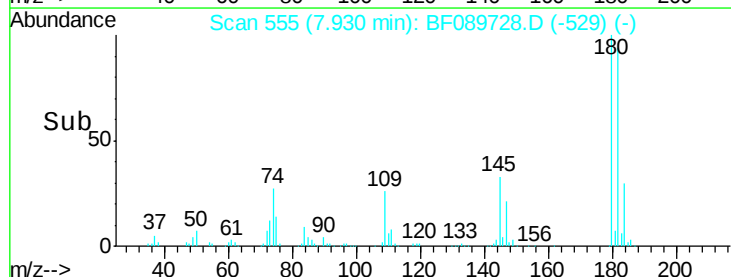
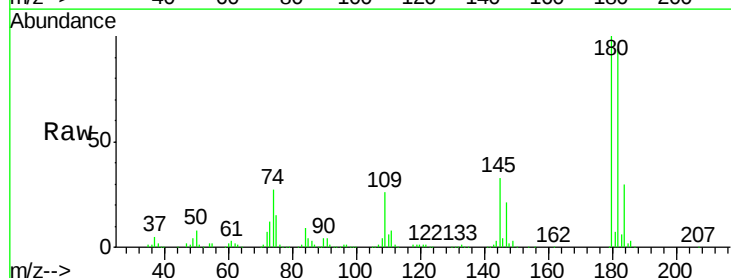
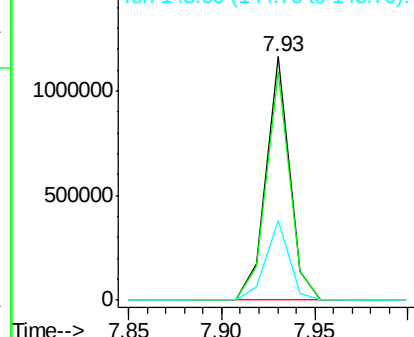
8/17/2016 5:58:10 AM

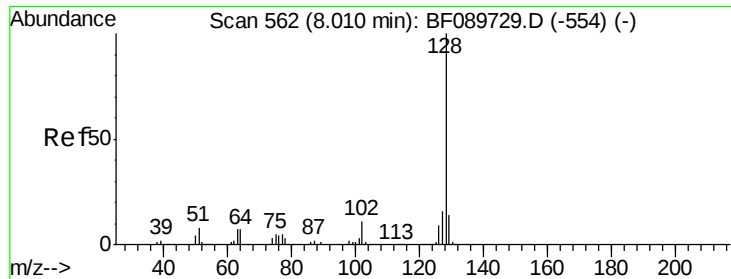


#30
 1,2,4-Trichlorobenzene
 Concen: 26.78 ng
 RT: 7.93 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion:	180	Resp:	1013707
Ion Ratio	Lower	Upper	
180	100		
182	93.7	75.5	113.3
145	32.7	28.7	43.1

Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 29.02 ng

RT: 8.01 min Scan# 562

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:128 Resp: 3380662

Ion Ratio Lower Upper

128 100

129 12.7 9.5 14.3

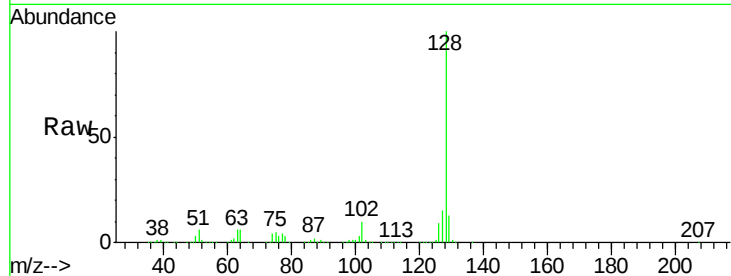
127 14.9 11.3 16.9

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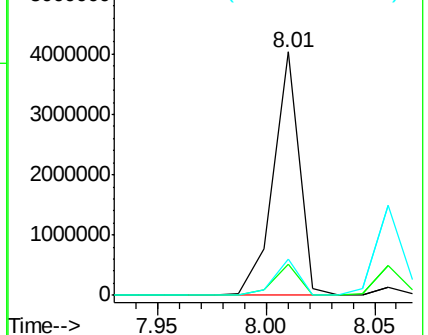
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Abundance Ion 128.00 (127.70 to 128.70): E

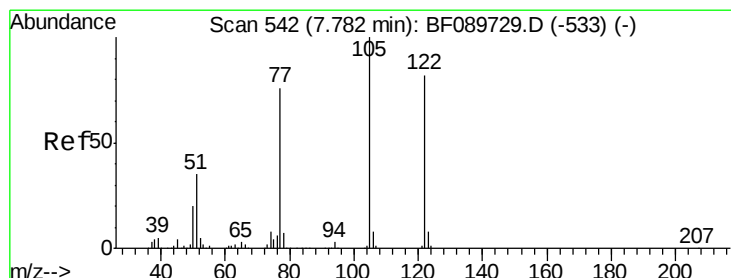
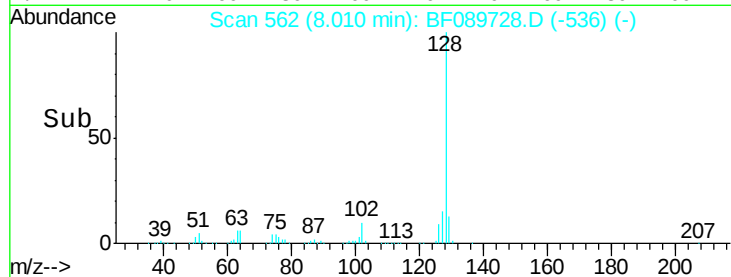
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 29.79 ng

RT: 7.76 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

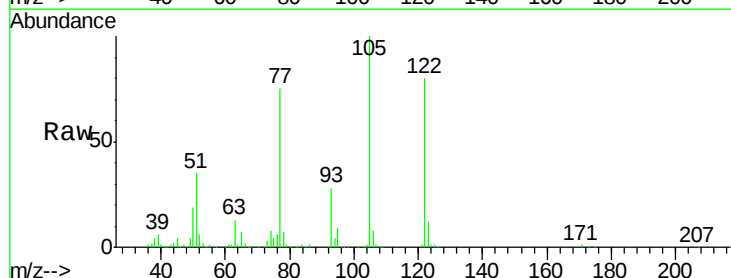
Tgt Ion:122 Resp: 807441

Ion Ratio Lower Upper

122 100

105 124.6 100.8 140.8

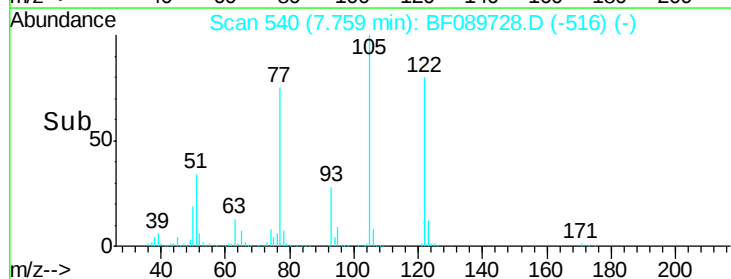
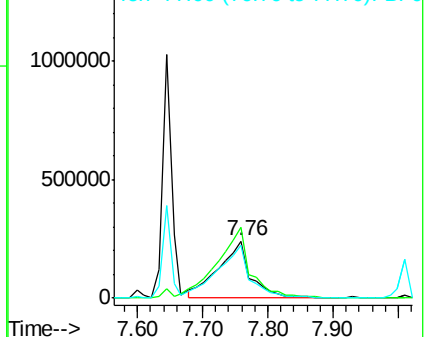
77 93.5 72.1 112.1

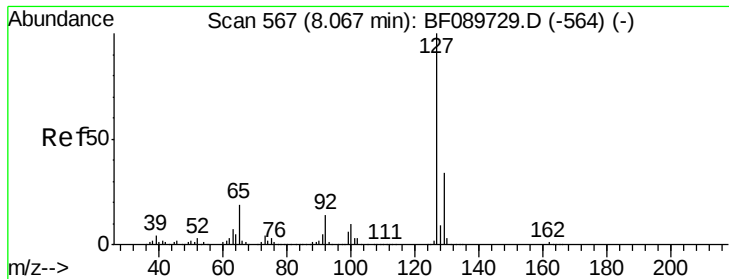


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





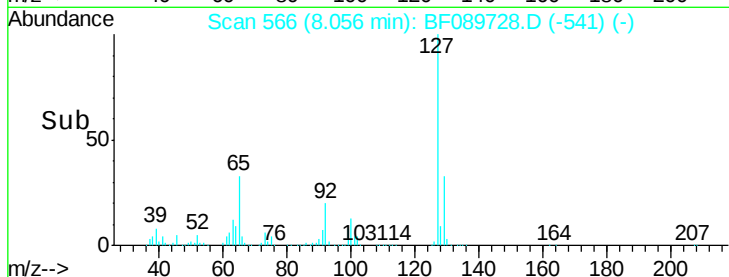
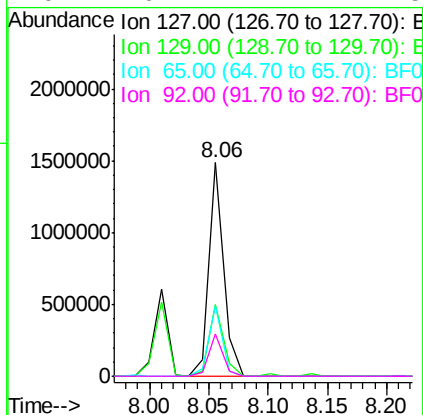
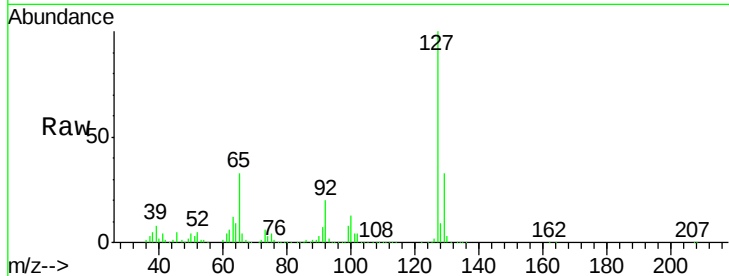
#33
4-Chloroaniline
Concen: 23.17 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
127	100		
129	33.4	27.0	40.6
65	33.2	14.7	22.1#
92	20.1	11.7	17.5#

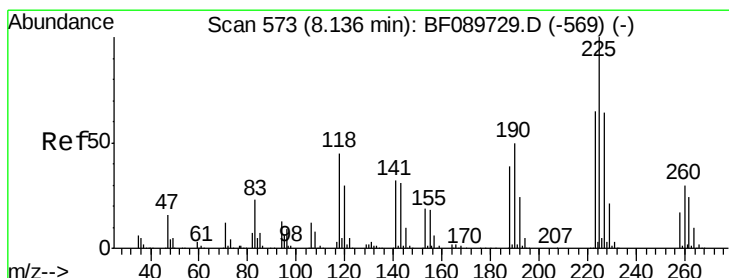
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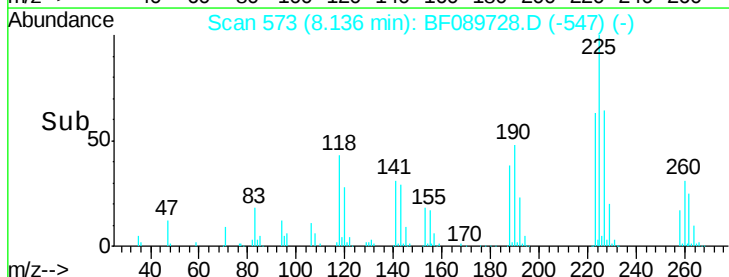
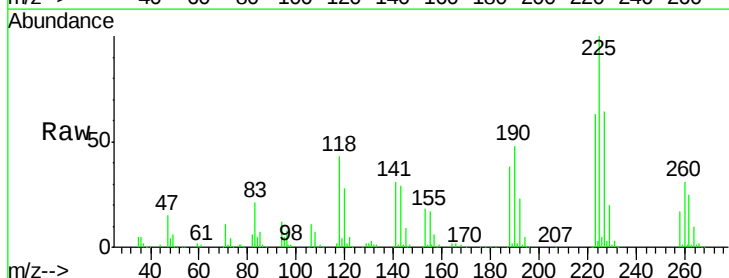
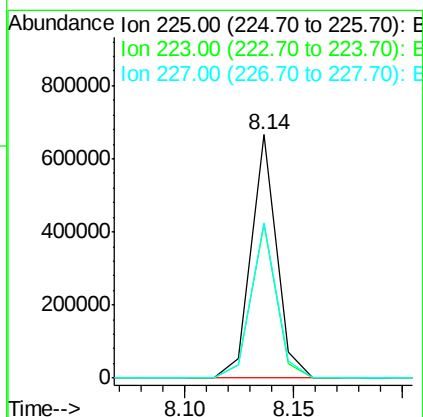
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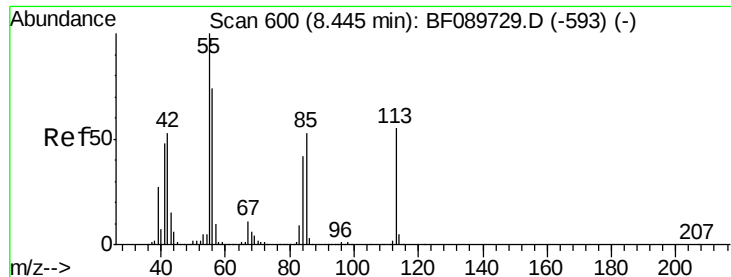
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#34
Hexachlorobutadiene
Concen: 28.05 ng
RT: 8.14 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	51.0	76.6
227	63.6	49.8	74.6





#35

Caprolactam

Concen: 23.40 ng

RT: 8.42 min Scan# 598

Delta R.T. -0.02 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:113 Resp: 259722
Ion Ratio Lower Upper

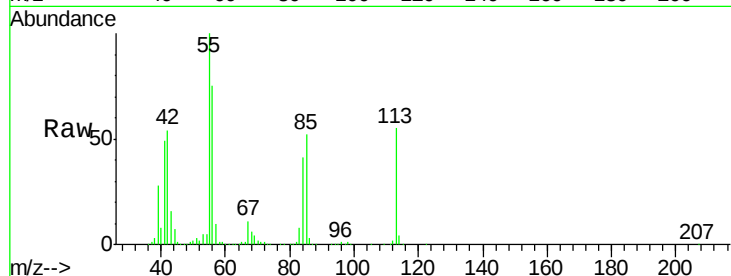
113 100

55 182.7 135.9 175.9#

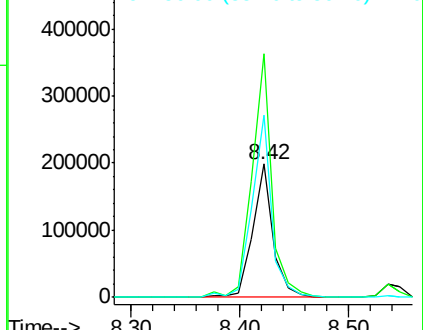
56 136.9 93.9 133.9#

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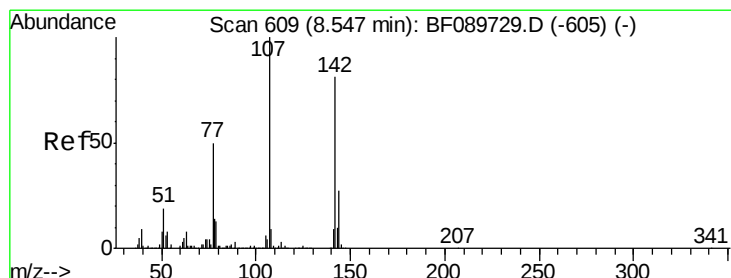
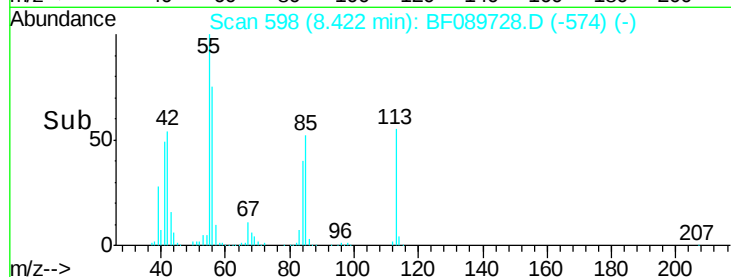


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



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#36

4-Chloro-3-methylphenol

Concen: 25.51 ng

RT: 8.54 min Scan# 608

Delta R.T. -0.01 min

Lab File: BF089728.D

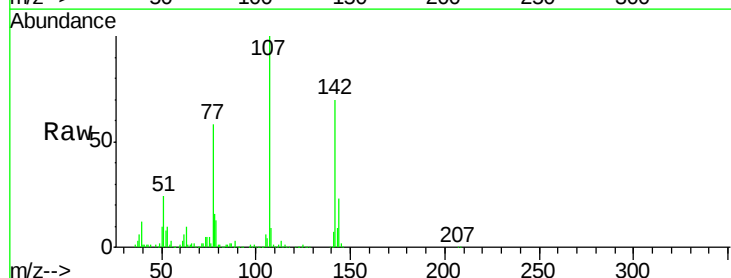
Acq: 16 Aug 2016 16:49

Tgt Ion:107 Resp: 955659
Ion Ratio Lower Upper

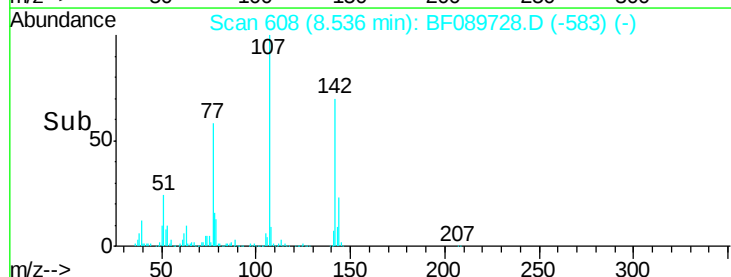
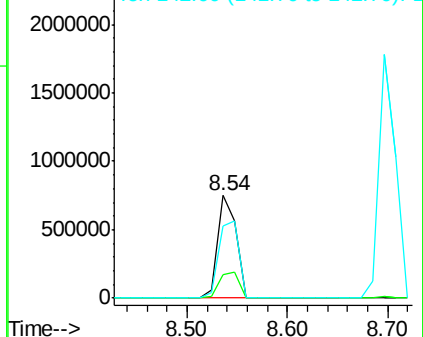
107 100

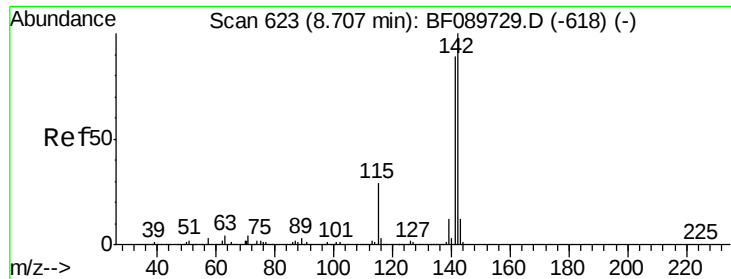
144 23.2 22.6 34.0

142 70.0 69.3 103.9



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





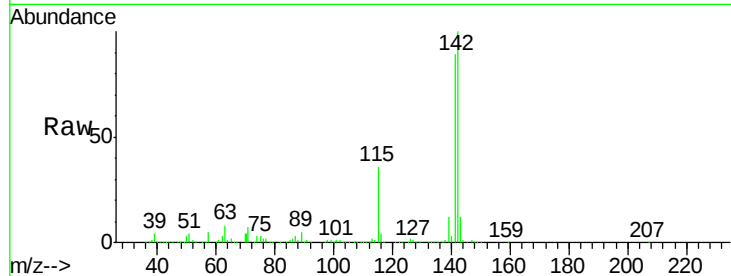
#37
2-Methylnaphthalene
Concen: 25.03 ng
RT: 8.70 min Scan# 622
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

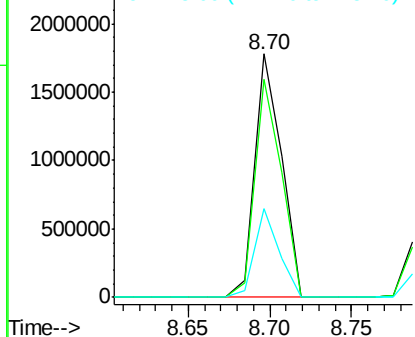
Tgt Ion:142 Resp: 2013756
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 36.3 22.7 34.1#

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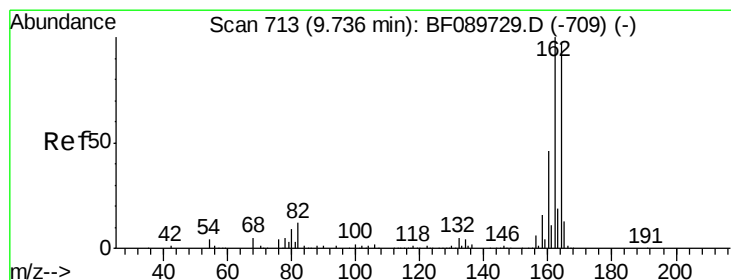
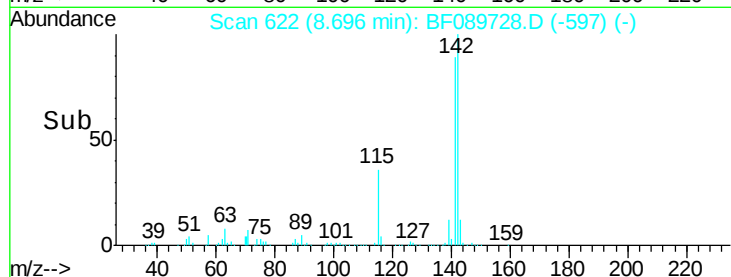


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



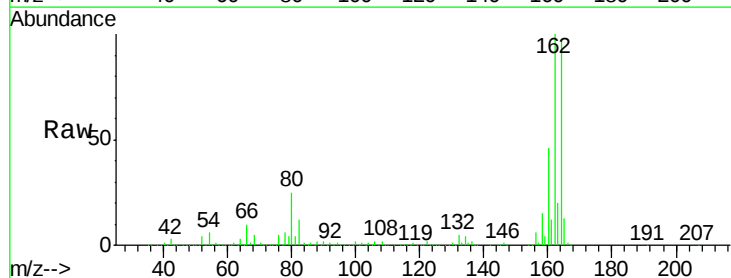
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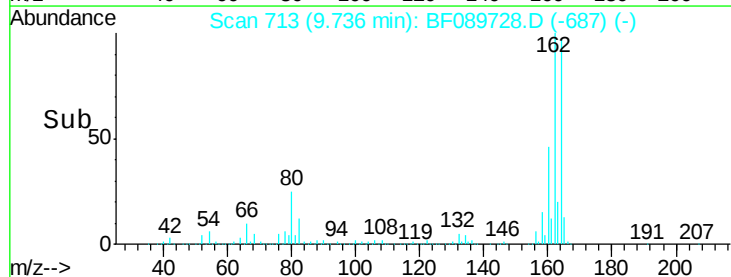
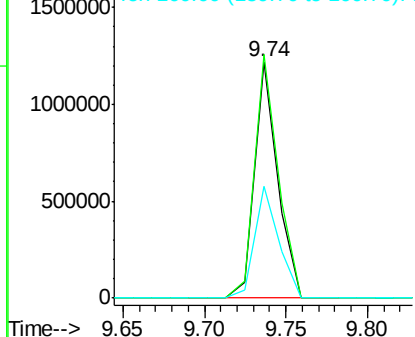


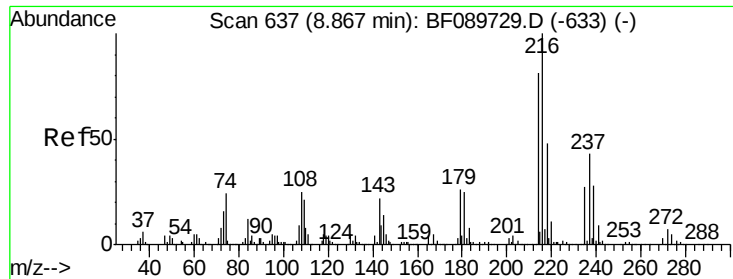
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion:164 Resp: 1197305
Ion Ratio Lower Upper
164 100
162 103.0 81.4 122.2
160 47.1 37.8 56.6



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





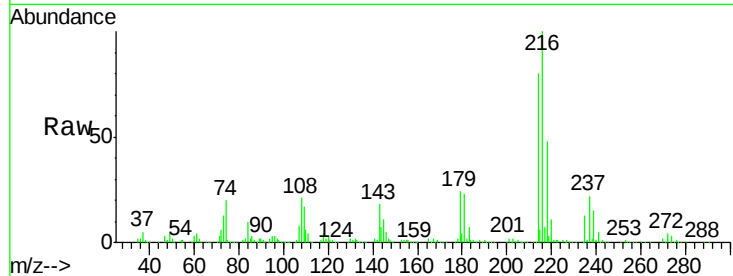
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.39 ng
 RT: 8.87 min Scan# 637
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

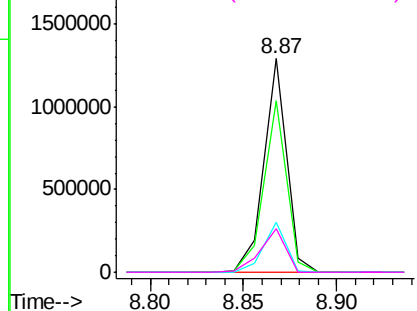
Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.5	95.3
179	23.5	19.9	29.9
108	22.8	19.9	29.9

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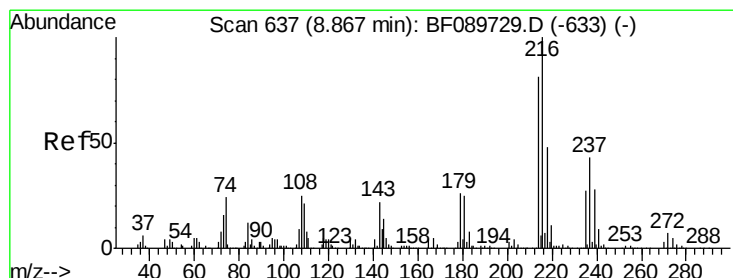
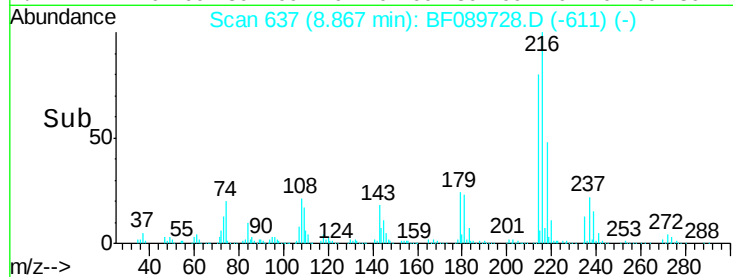


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



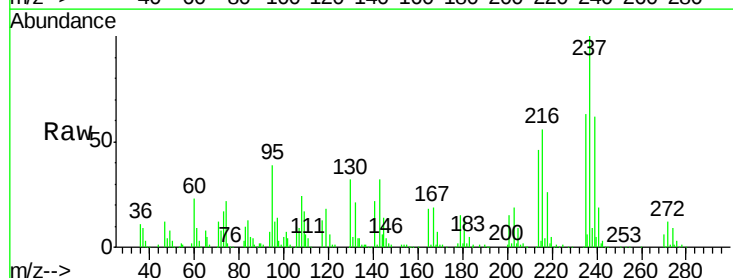
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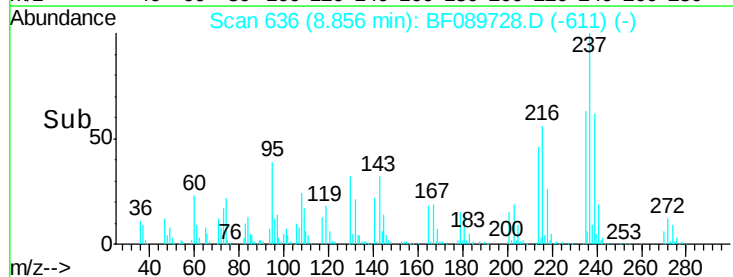
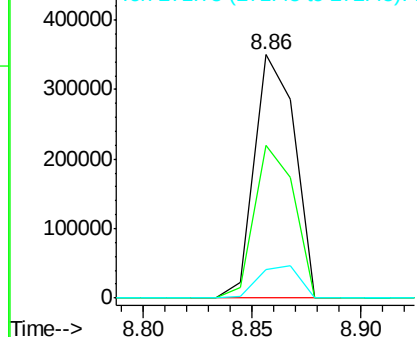


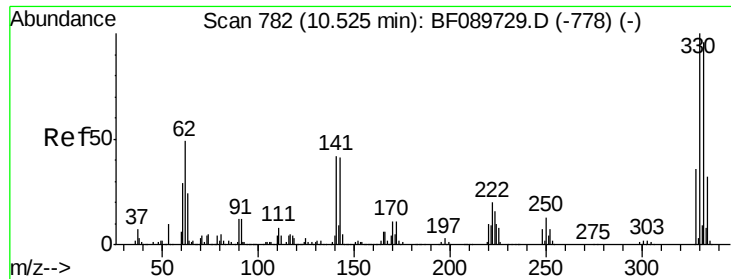
#40
 Hexachlorocyclopentadiene
 Concen: 24.47 ng
 RT: 8.86 min Scan# 636
 Delta R.T. -0.01 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
237	100		
235	62.5	43.7	83.7
272	11.7	0.0	31.6



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





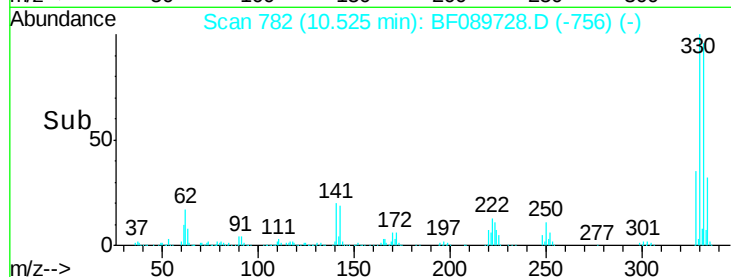
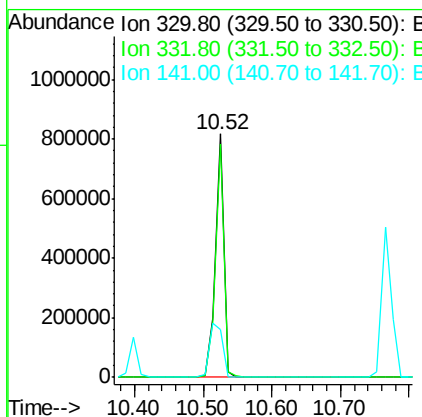
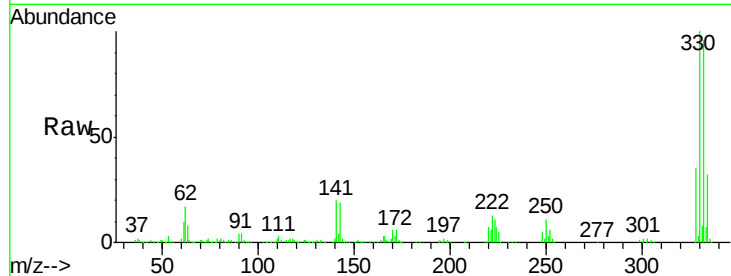
#41
 2,4,6-Tribromophenol
 Concen: 30.38 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.7	115.1
141	34.0	30.2	45.2

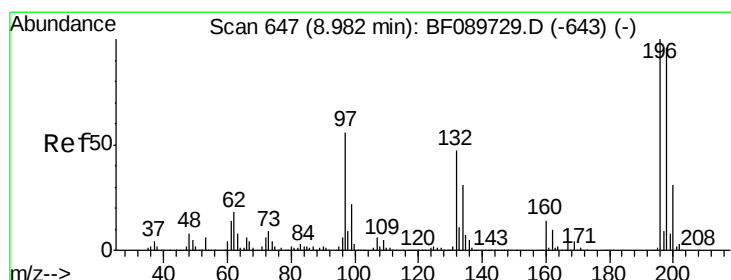
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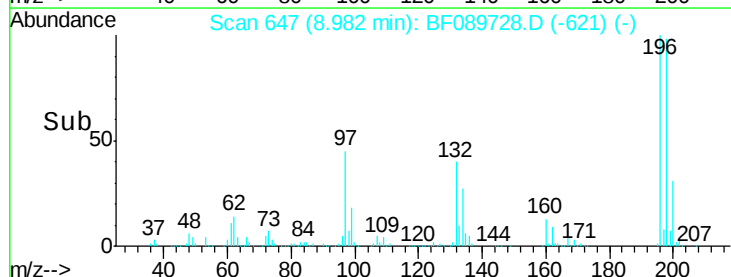
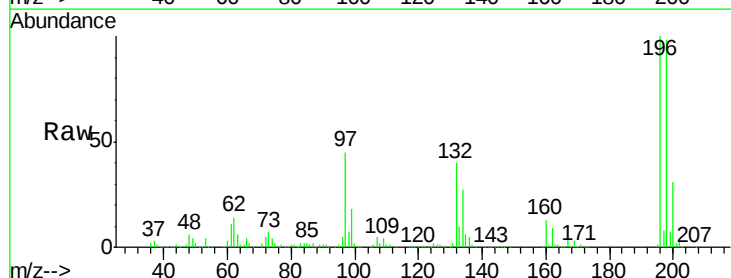
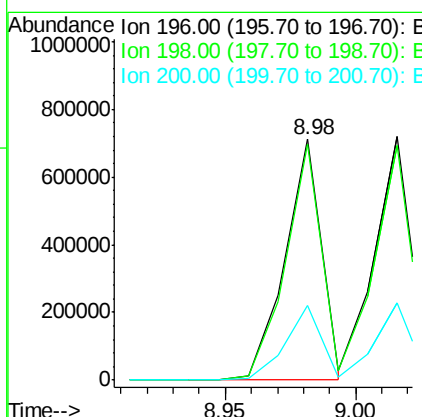
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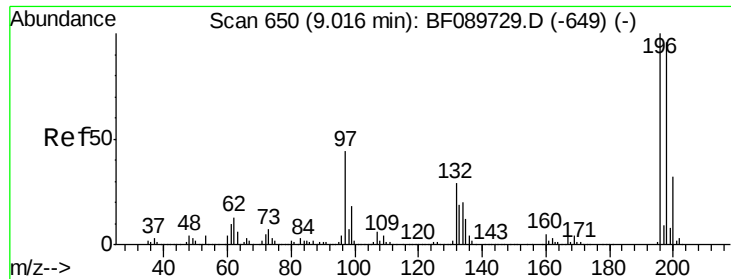
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#42
 2,4,6-Trichlorophenol
 Concen: 28.67 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	76.3	114.5
200	31.1	24.6	36.8





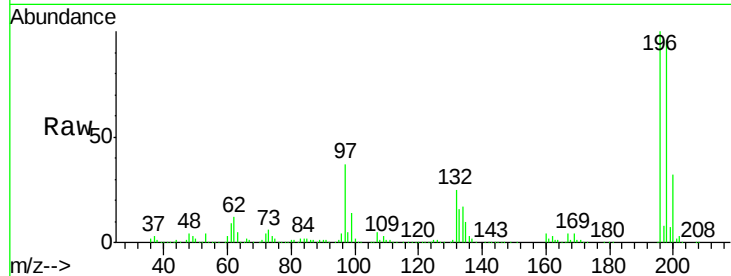
#43
2,4,5-Trichlorophenol
Concen: 30.19 ng
RT: 9.02 min Scan# 650
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

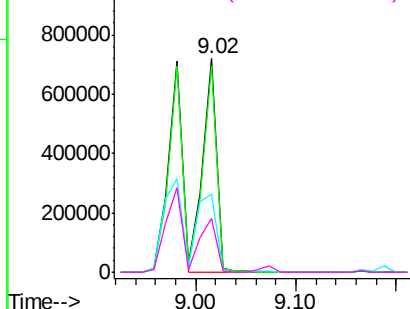
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	690473		
198	96.4	76.6	114.8	
97	36.7	35.8	53.8	
132	25.0	23.5	35.3	

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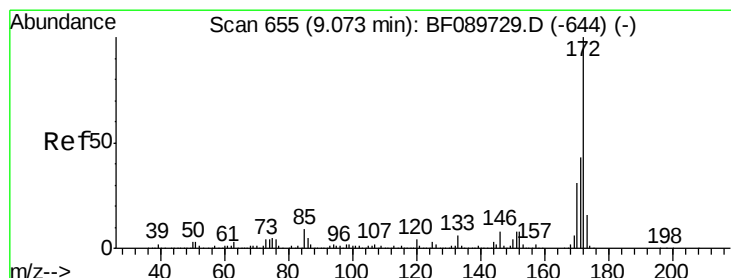
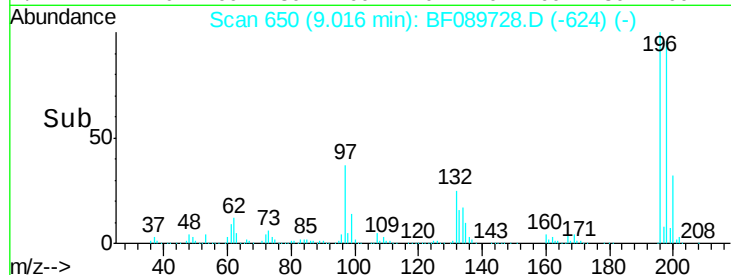


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E



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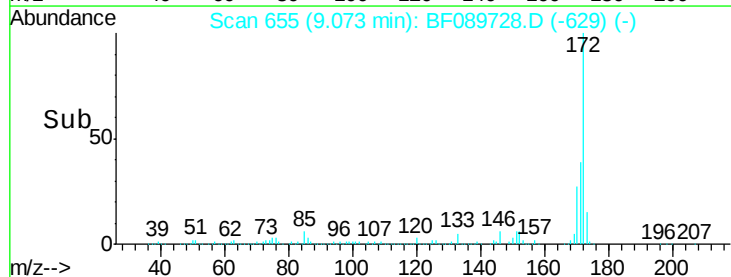
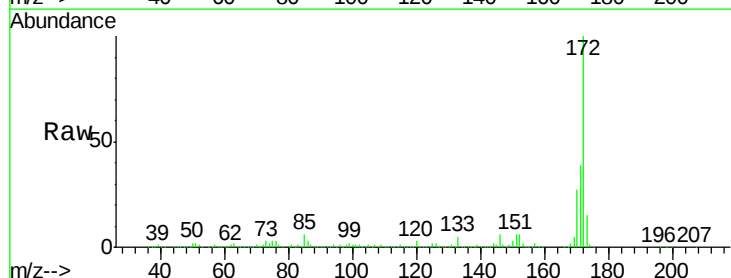
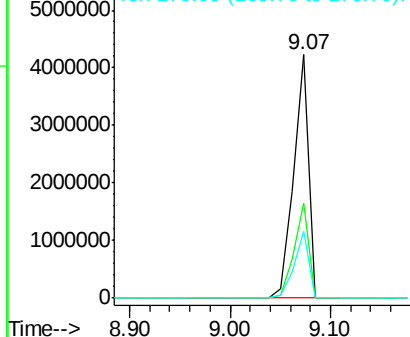
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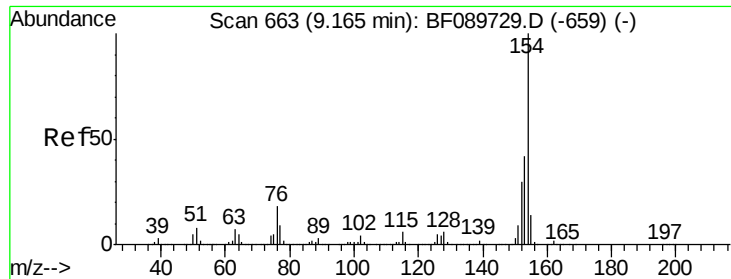


#44
2-Fluorobiphenyl
Concen: 31.28 ng
RT: 9.07 min Scan# 655
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	4295433		
171	39.1	30.5	45.7	
170	27.5	20.6	31.0	

Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





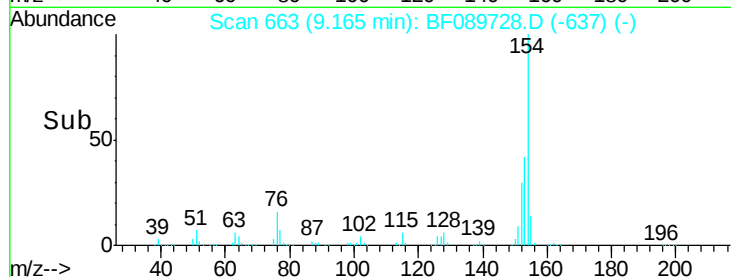
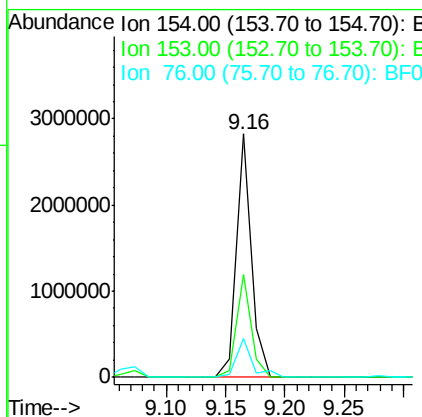
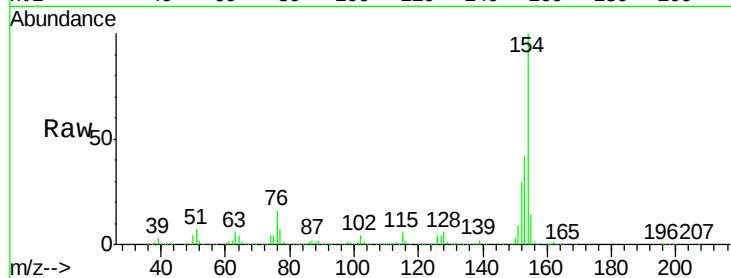
#45
 1,1'-Biphenyl
 Concen: 24.99 ng
 RT: 9.16 min Scan# 663
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	21.5	61.5
76	15.9	0.0	36.7

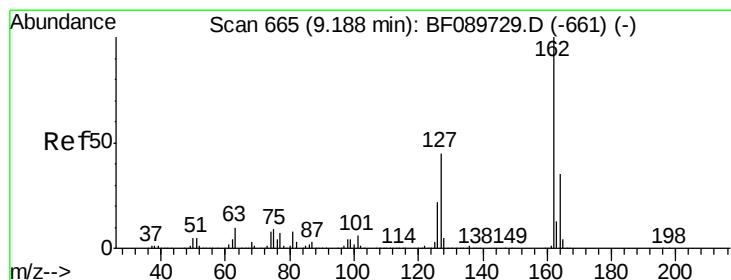
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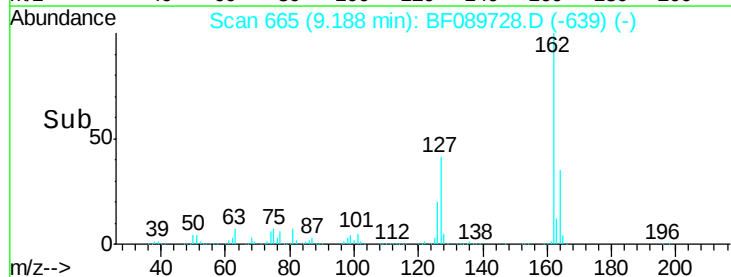
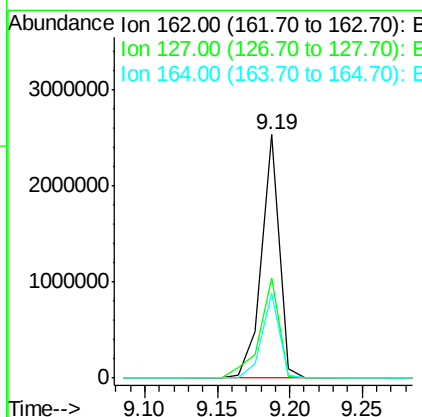
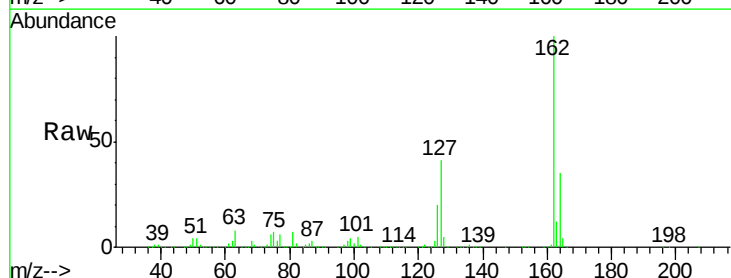
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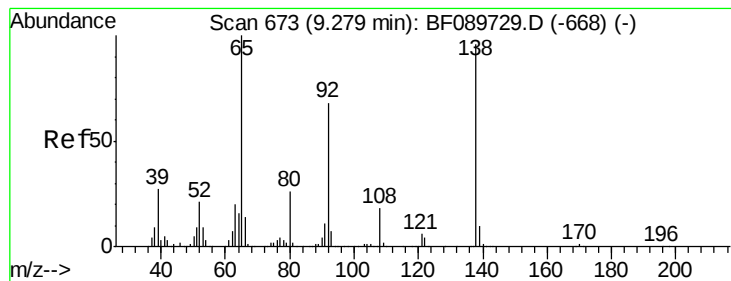
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#46
 2-Chloronaphthalene
 Concen: 29.99 ng
 RT: 9.19 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.4	35.5	53.3
164	34.9	26.6	40.0





#47

2-Nitroaniline

Concen: 26.81 ng

RT: 9.28 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion: 65 Resp: 623524
Ion Ratio Lower Upper

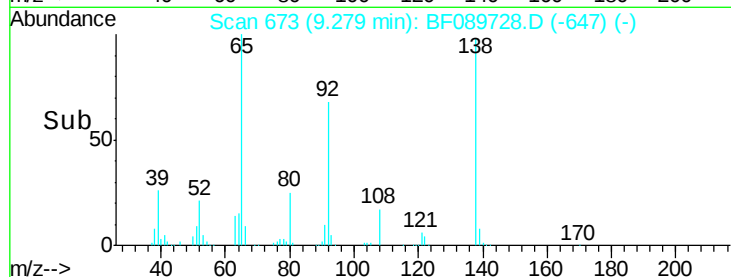
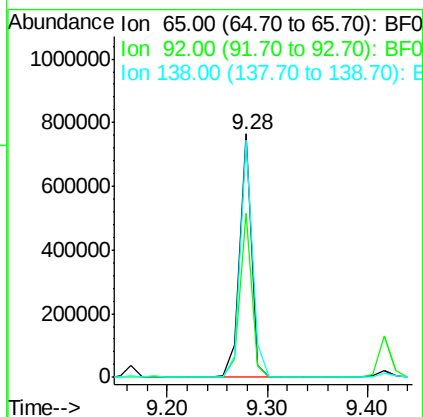
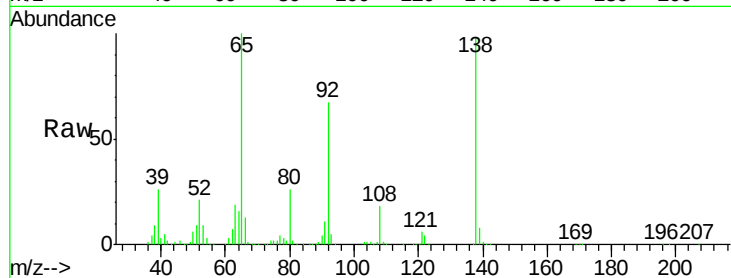
65 100

92 67.4 56.3 84.5

138 97.6 81.8 122.8

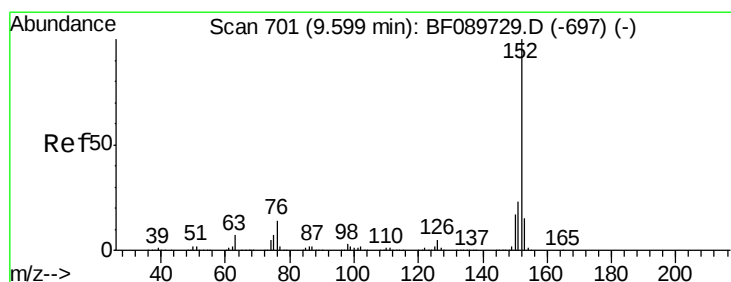
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#48

Acenaphthylene

Concen: 28.51 ng

RT: 9.60 min Scan# 701

Delta R.T. -0.00 min

Lab File: BF089728.D

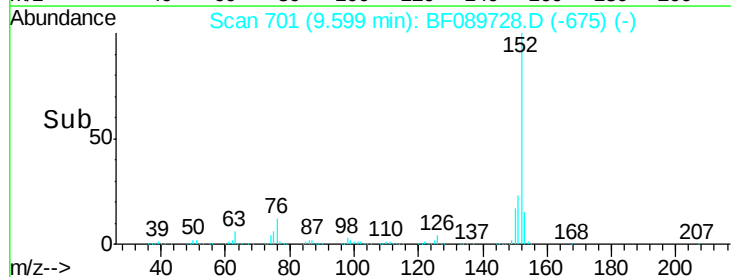
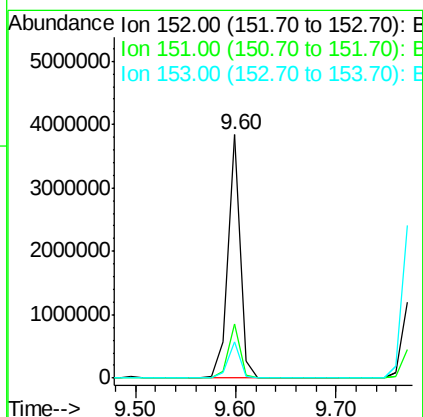
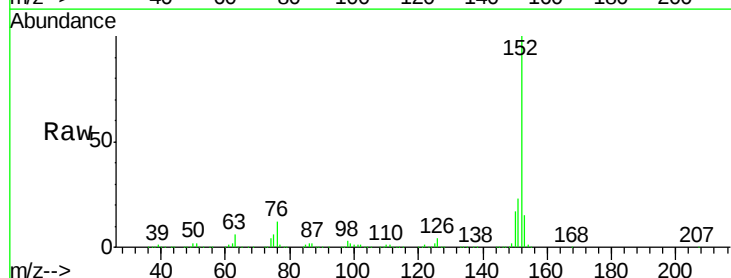
Acq: 16 Aug 2016 16:49

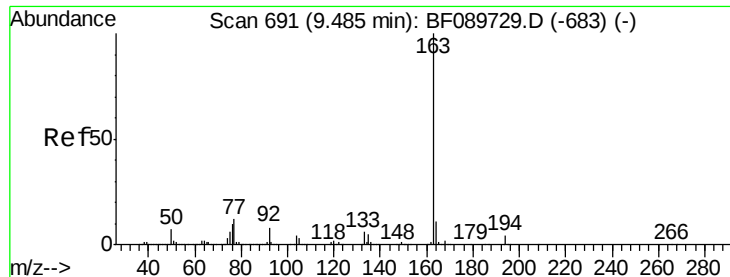
Tgt Ion: 152 Resp: 3227756
Ion Ratio Lower Upper

152 100

151 22.5 17.1 25.7

153 14.9 11.2 16.8





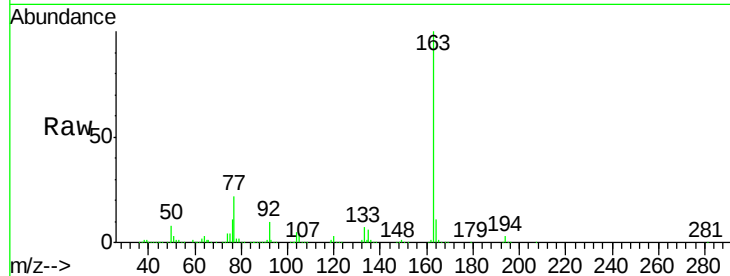
#49
Dimethylphthalate
Concen: 28.72 ng
RT: 9.47 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampled :
SSTDIC025

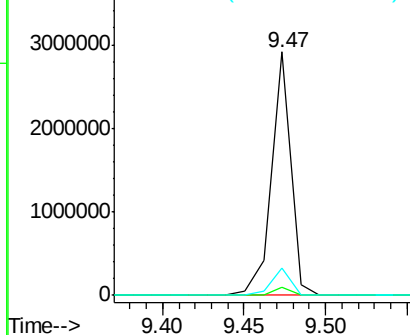
Tgt Ion:163 Resp: 2409870
Ion Ratio Lower Upper
163 100
194 3.4 2.6 3.8
164 11.2 8.6 12.8

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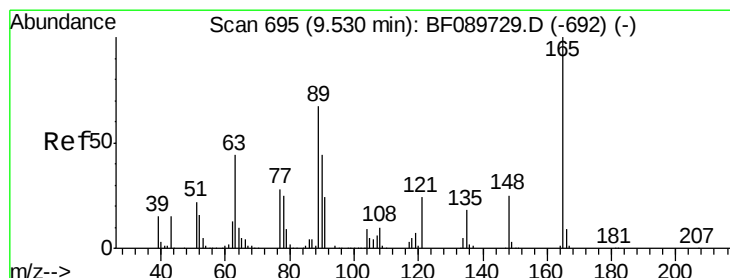
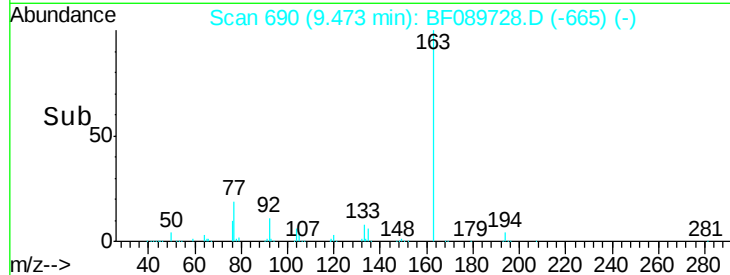


Abundance Ion 163.00 (162.70 to 163.70): E
4000000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



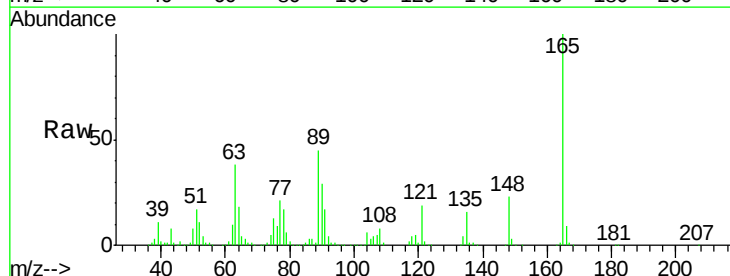
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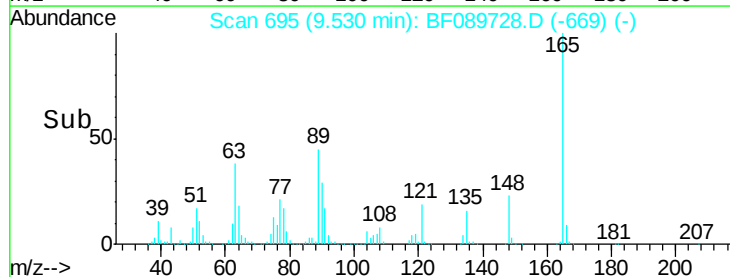
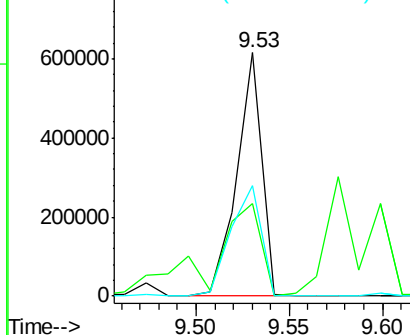


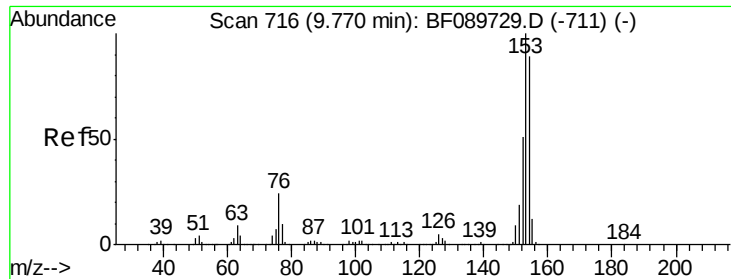
#50
2,6-Dinitrotoluene
Concen: 31.11 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion:165 Resp: 578261
Ion Ratio Lower Upper
165 100
63 38.1 41.7 62.5#
89 45.2 44.6 67.0



Abundance Ion 165.00 (164.70 to 165.70): E
800000
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 26.99 ng

RT: 9.77 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:154 Resp: 2000409

Ion Ratio Lower Upper

154 100

153 113.3 90.5 135.7

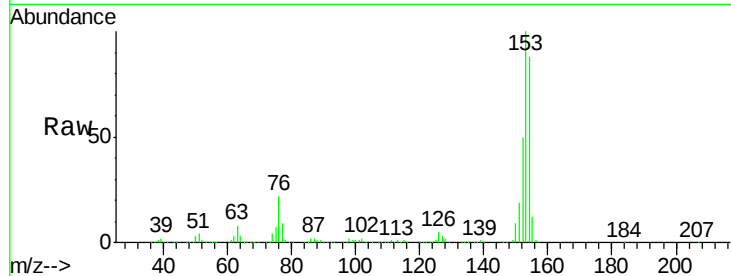
152 56.4 44.6 67.0

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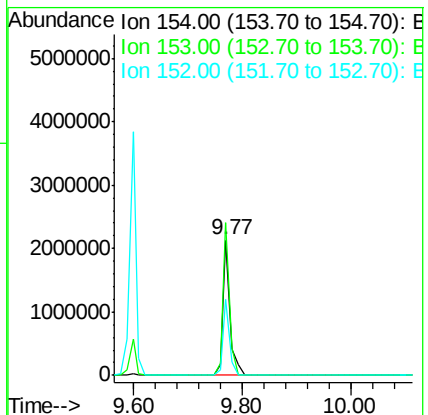
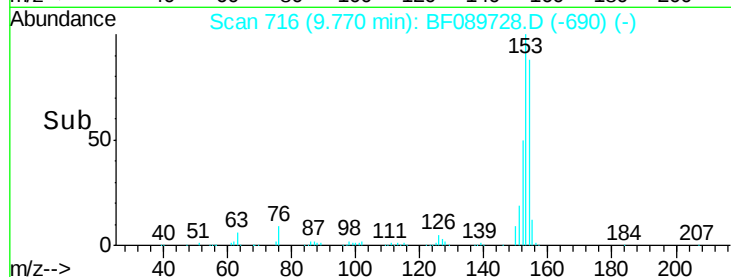
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Abundance Ion 154.00 (153.70 to 154.70): E

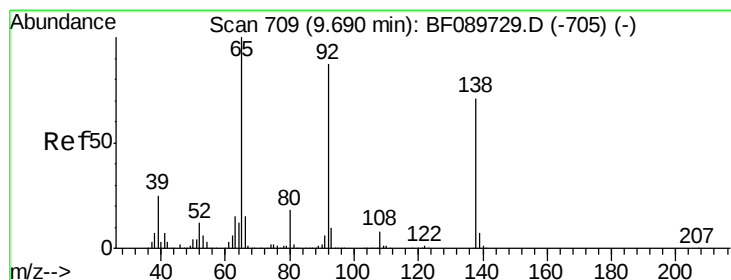
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 27.04 ng

RT: 9.69 min Scan# 709

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

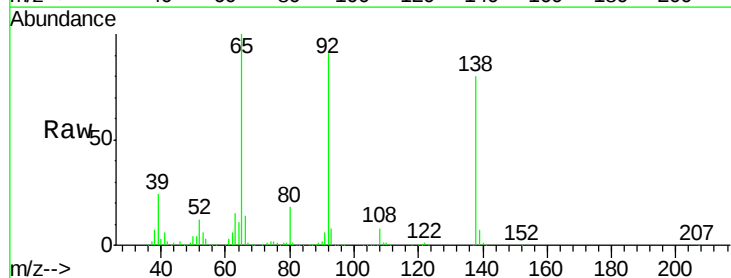
Tgt Ion:138 Resp: 651847

Ion Ratio Lower Upper

138 100

108 10.0 8.1 12.1

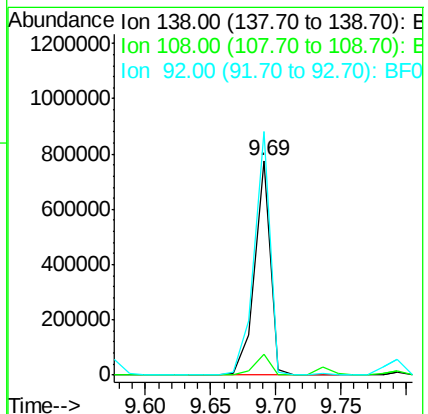
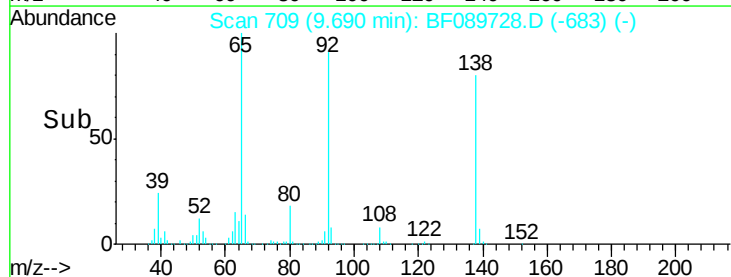
92 113.5 92.7 139.1

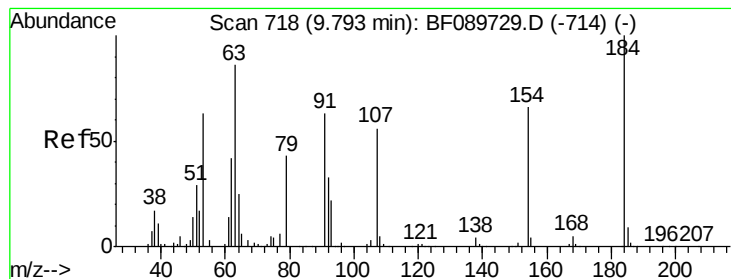


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 35.56 ng

RT: 9.79 min Scan# 718

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:184 Resp: 234868

Ion Ratio Lower Upper

184 100

63 48.6 54.2 81.4#

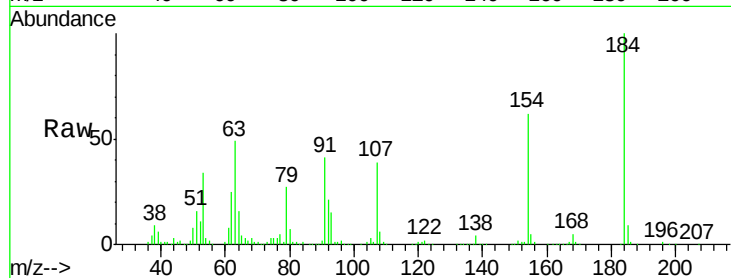
154 61.7 52.7 79.1

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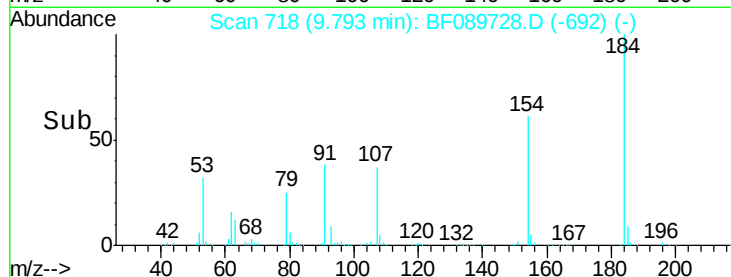
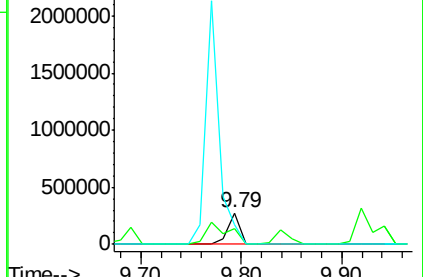
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Abundance Ion 184.00 (183.70 to 184.70): E

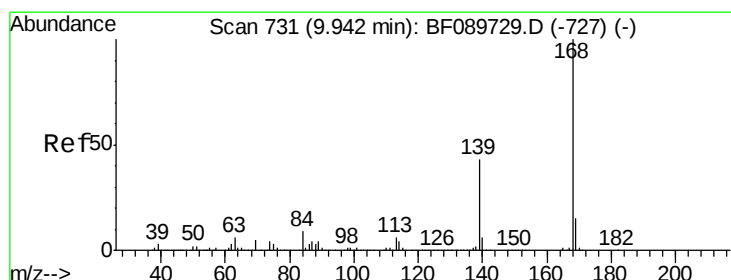
Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



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#54

Dibenzofuran

Concen: 24.28 ng

RT: 9.94 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

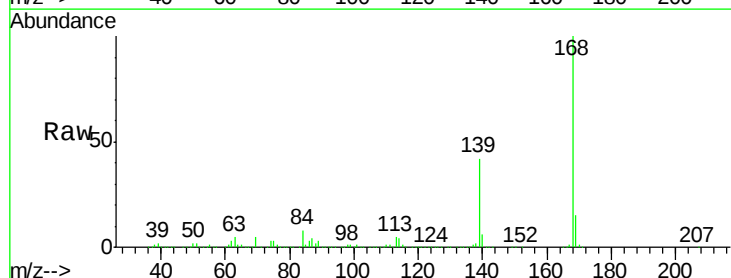
Tgt Ion:168 Resp: 2551894

Ion Ratio Lower Upper

168 100

139 42.1 34.6 52.0

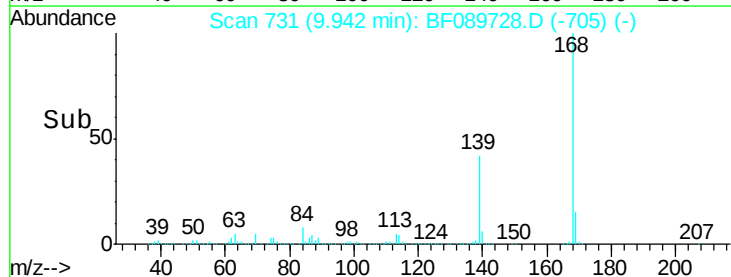
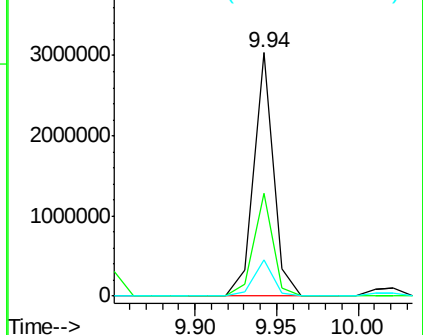
169 14.7 11.5 17.3

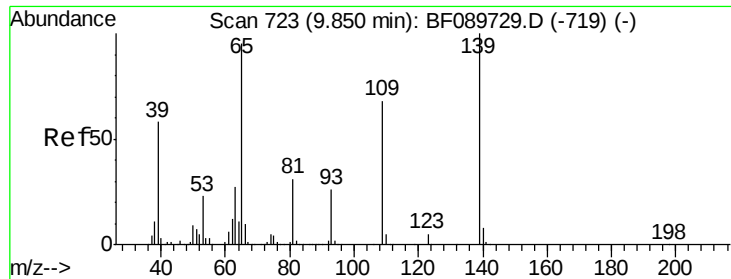


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





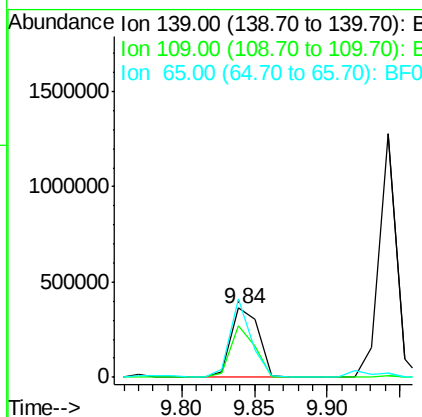
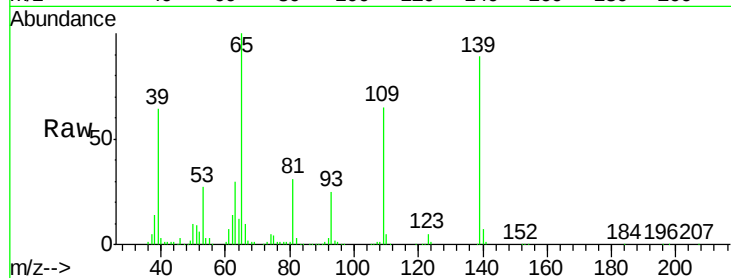
#55
4-Nitrophenol
Concen: 26.48 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampled :
SSTDIC025

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	488085		
109	73.9	43.0	83.0	
65	112.9	55.7	95.7#	

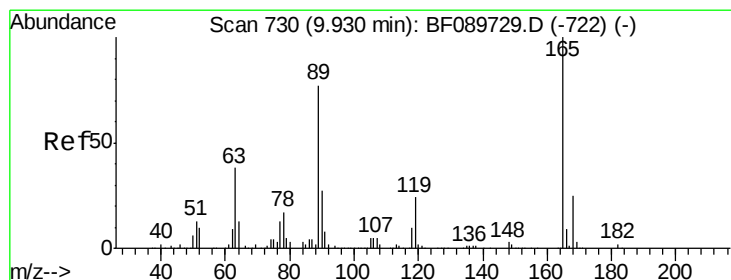
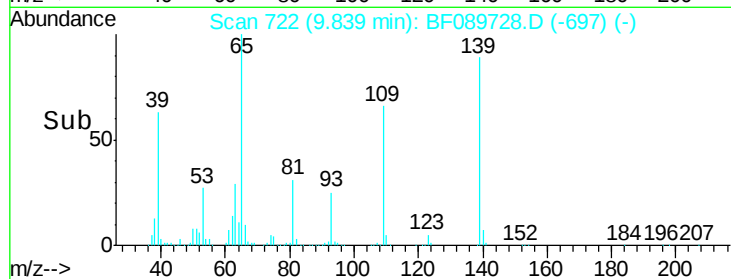
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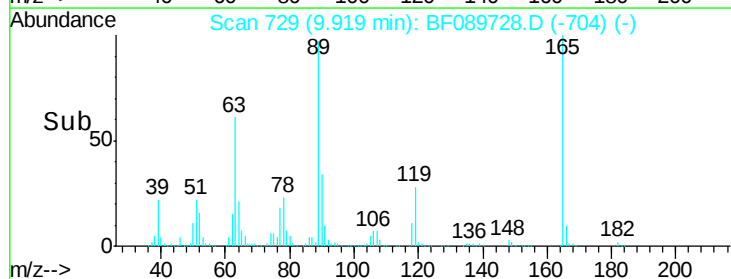
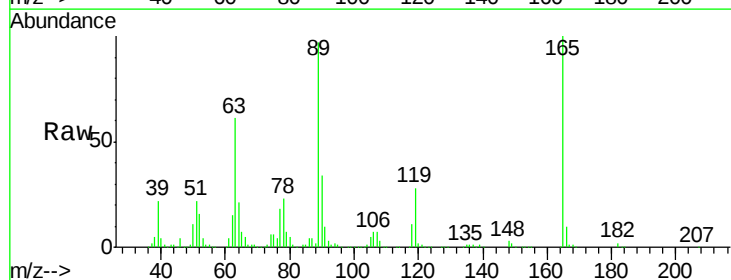
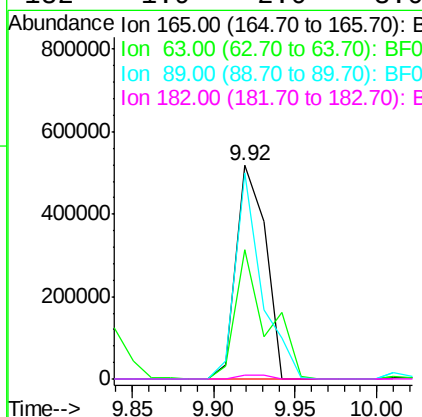
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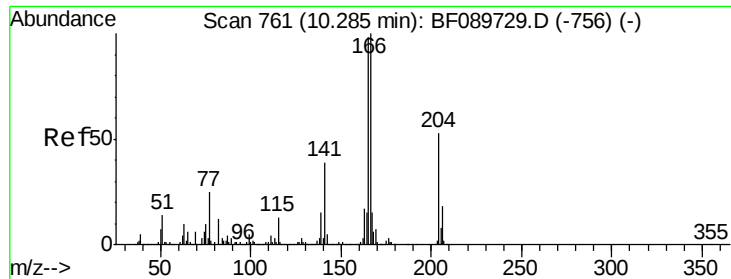
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#56
2,4-Dinitrotoluene
Concen: 26.72 ng
RT: 9.92 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	641422		
63	60.6	23.7	35.5#	
89	96.5	44.0	66.0#	
182	1.9	2.0	3.0#	





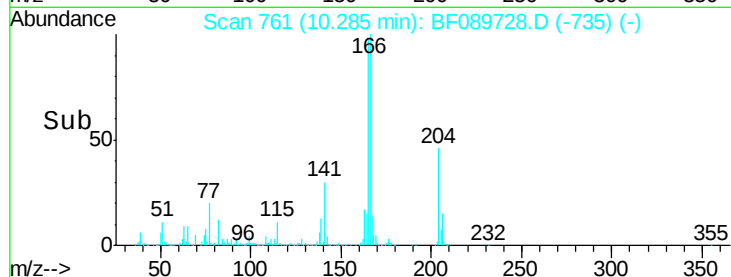
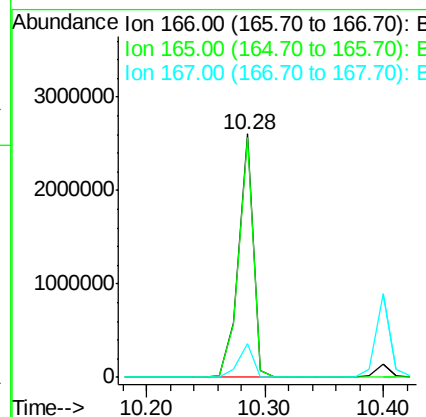
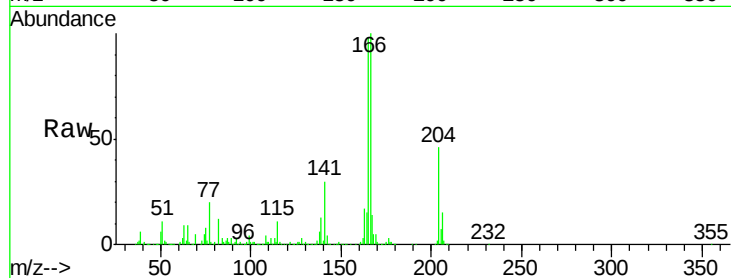
#57
Fluorene
 Concen: 29.93 ng
 RT: 10.28 min Scan# 761
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	80.2	120.4
167	14.0	11.3	16.9

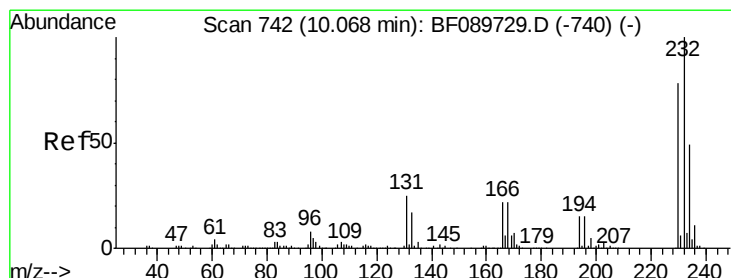
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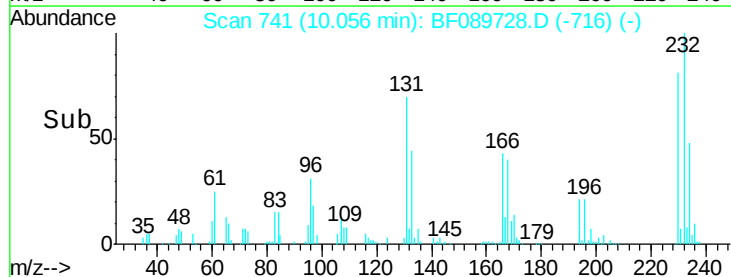
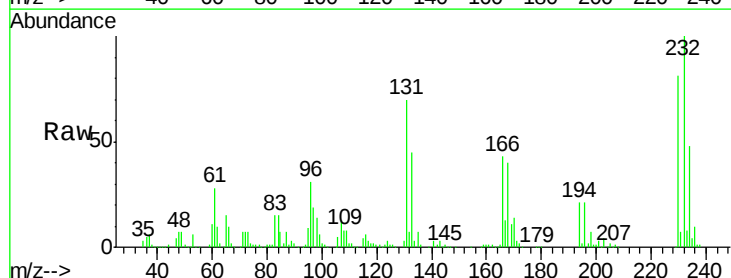
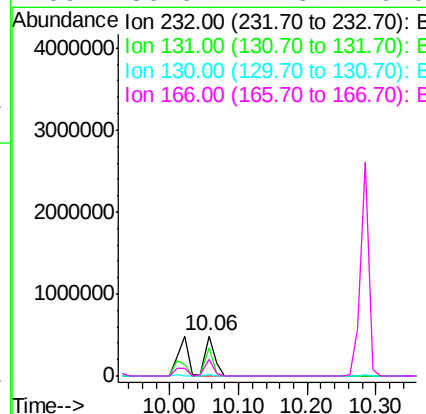
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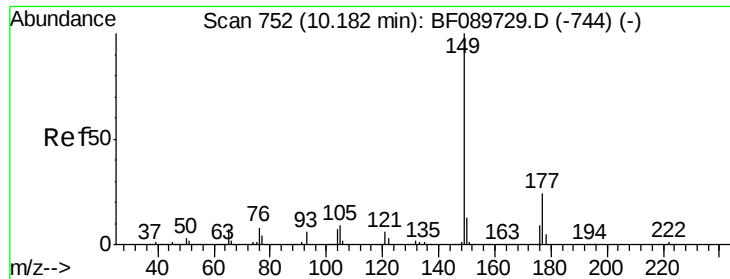
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 24.01 ng
 RT: 10.06 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
232	100		
131	58.3	42.5	63.7
130	2.7	2.2	3.4
166	36.6	27.3	40.9





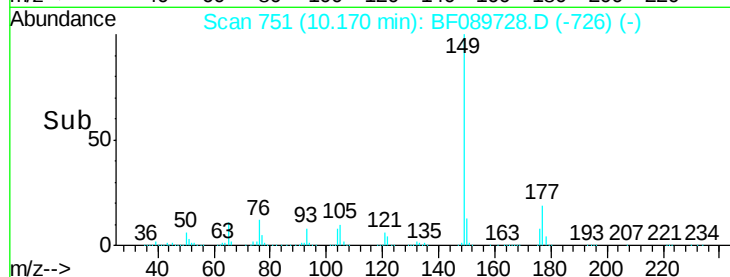
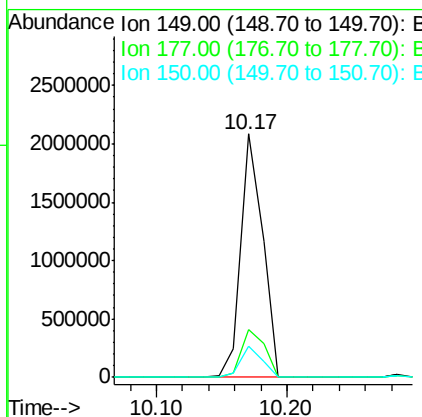
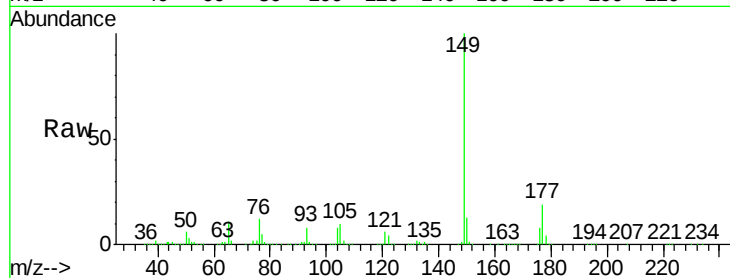
#59
Diethylphthalate
Concen: 28.04 ng
RT: 10.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.5	16.6	25.0
150	13.0	10.5	15.7

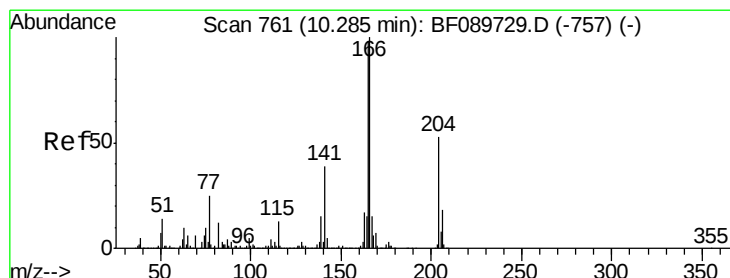
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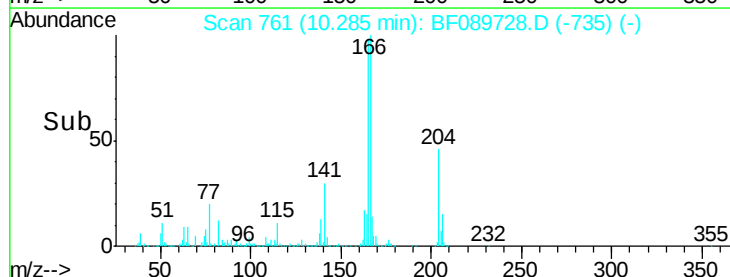
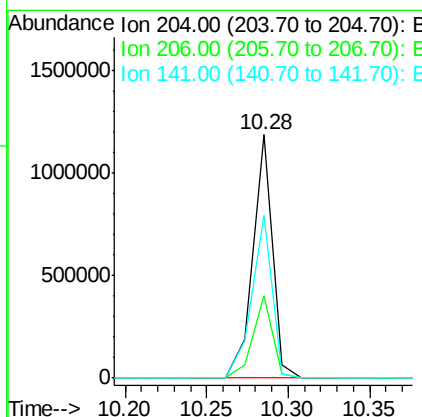
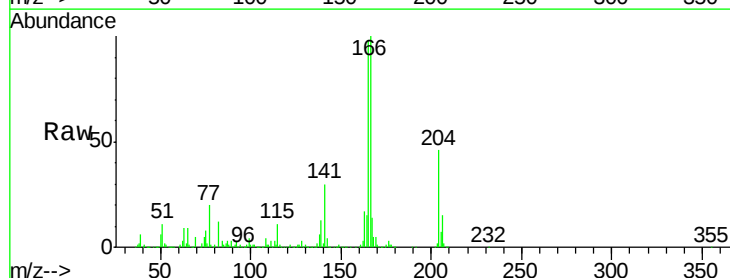
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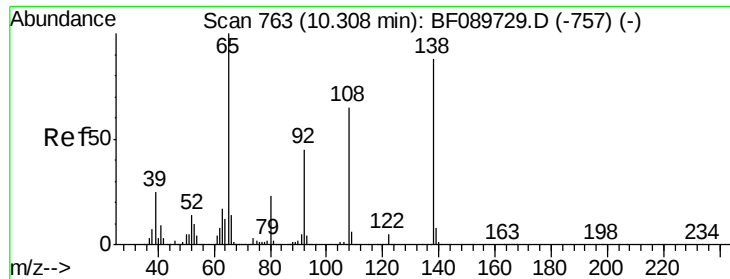
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#60
4-Chlorophenyl-phenylether
Concen: 29.79 ng
RT: 10.28 min Scan# 761
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.9	26.5	39.7
141	66.9	54.1	81.1





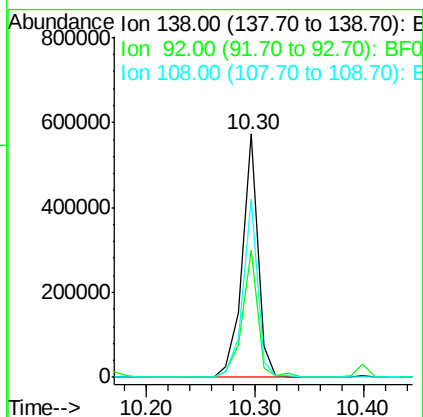
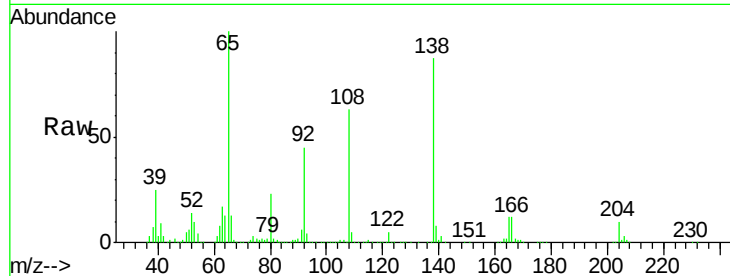
#61
4-Nitroaniline
Concen: 26.82 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.4	26.4	66.4
108	73.0	47.0	87.0

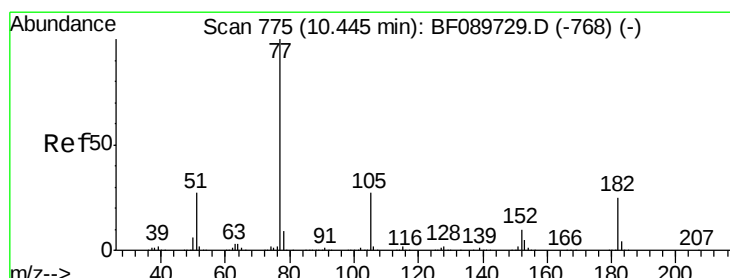
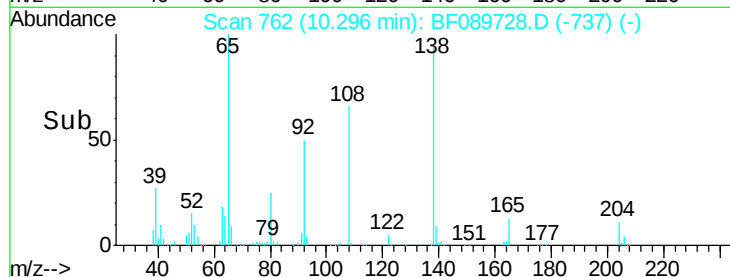
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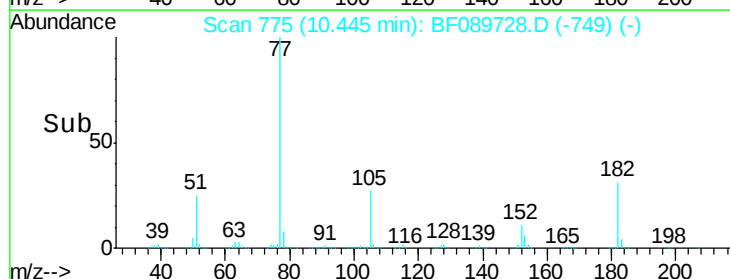
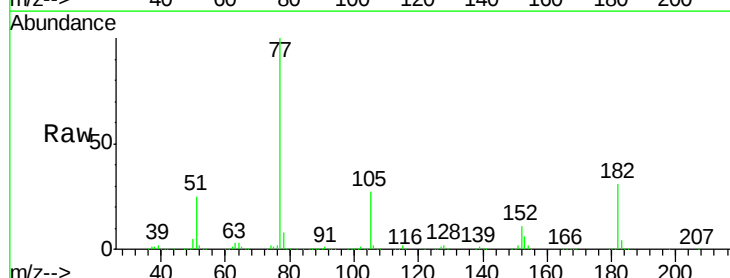
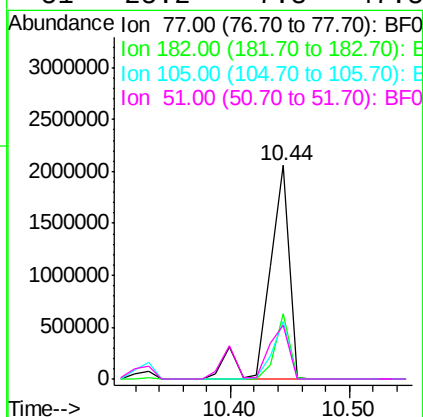
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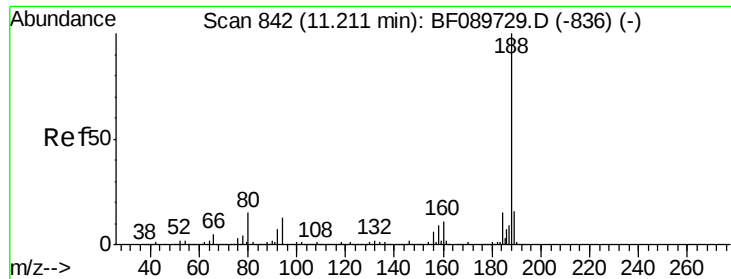
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#62
Azobenzene
Concen: 26.23 ng
RT: 10.44 min Scan# 775
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	30.6	5.6	45.6
105	26.8	4.0	44.0
51	25.2	7.8	47.8





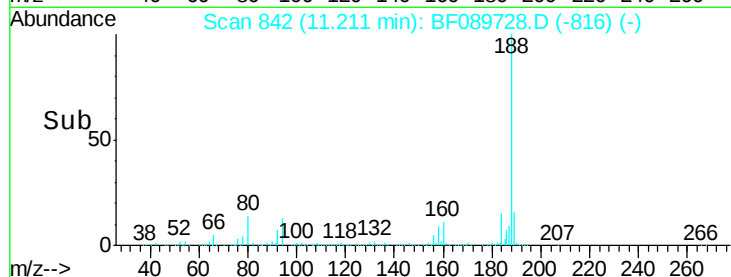
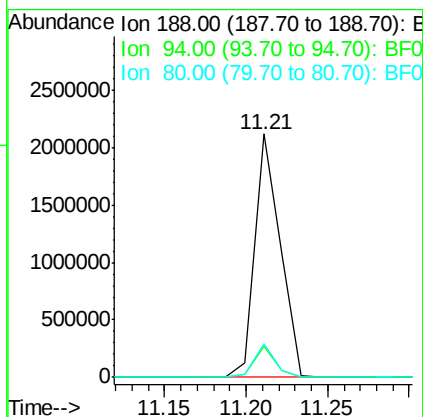
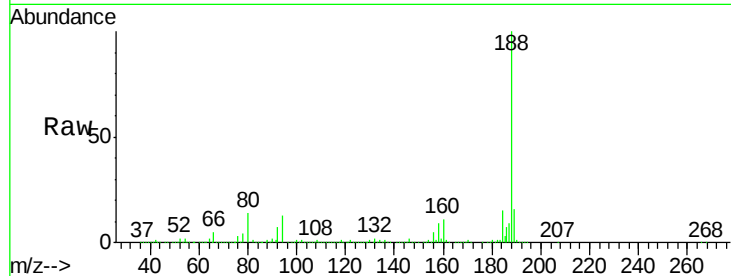
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.2	15.2
80	13.9	10.9	16.3

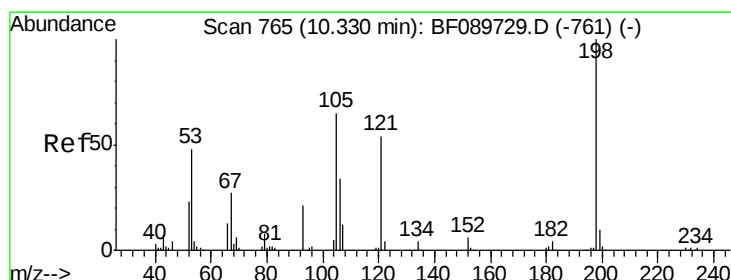
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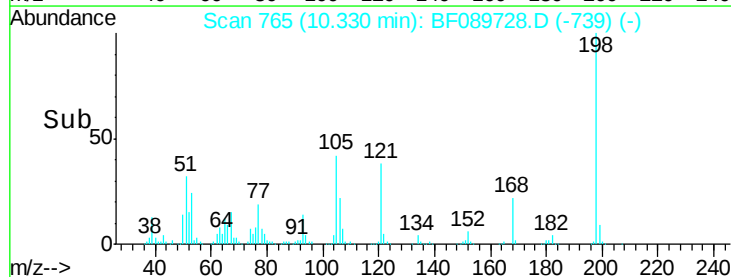
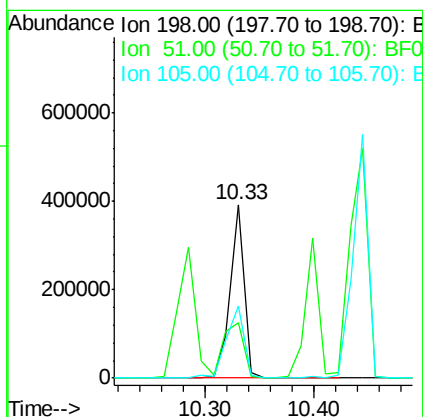
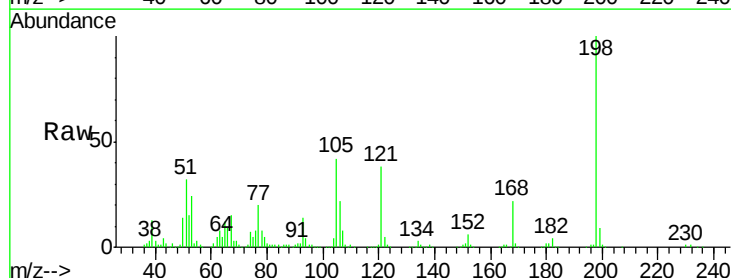
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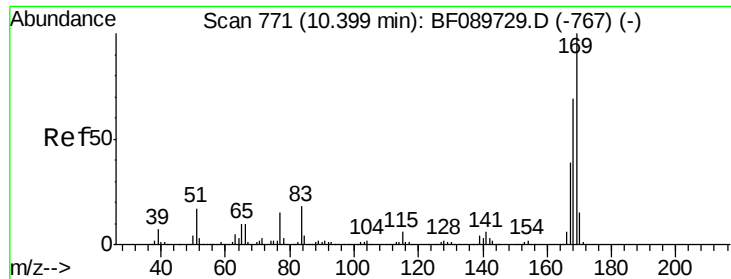
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#64
4,6-Dinitro-2-methylphenol
Concen: 28.44 ng
RT: 10.33 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	32.2	32.3	72.3#
105	41.7	32.9	72.9





#65

n-Nitrosodiphenylamine

Concen: 25.82 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:169 Resp: 1911082

Ion Ratio Lower Upper

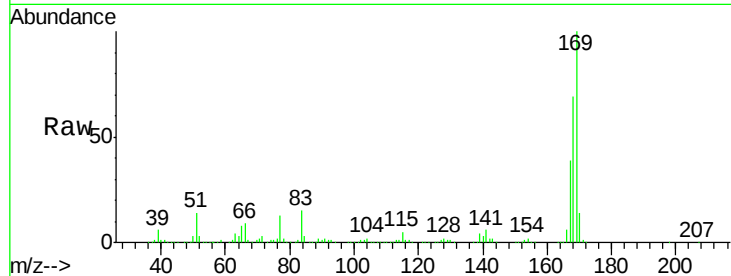
169 100

168 68.8 54.6 82.0

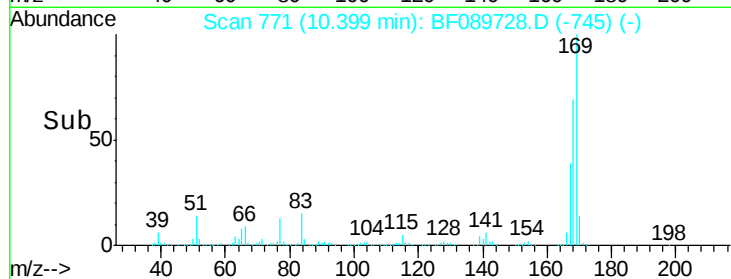
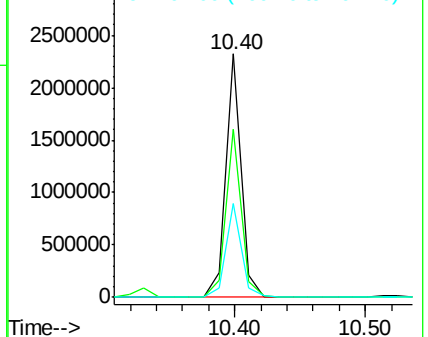
167 38.8 30.6 45.8

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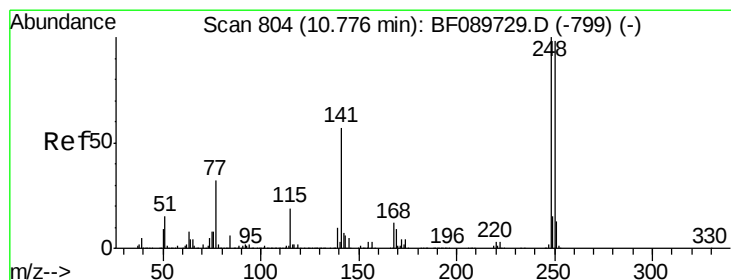


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



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#66

4-Bromophenyl-phenylether

Concen: 25.93 ng

RT: 10.78 min Scan# 804

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

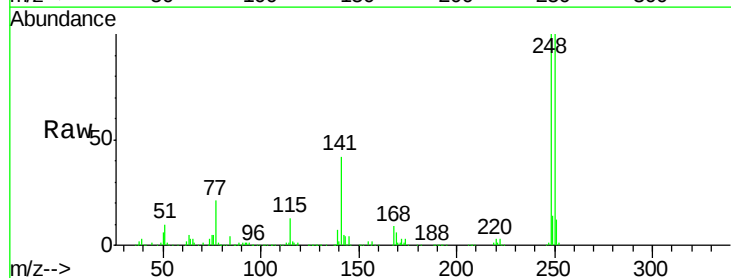
Tgt Ion:248 Resp: 608448

Ion Ratio Lower Upper

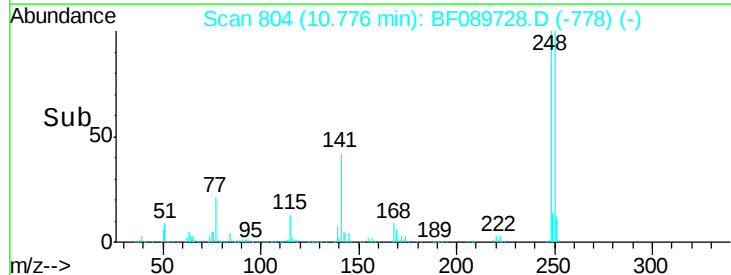
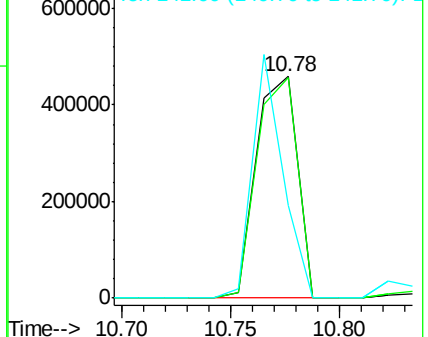
248 100

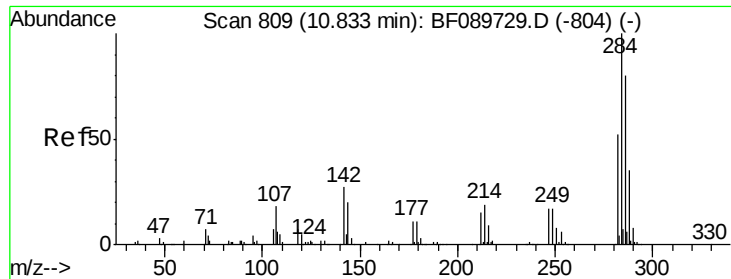
250 99.6 78.6 117.8

141 42.0 31.4 47.2



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 27.76 ng

RT: 10.83 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

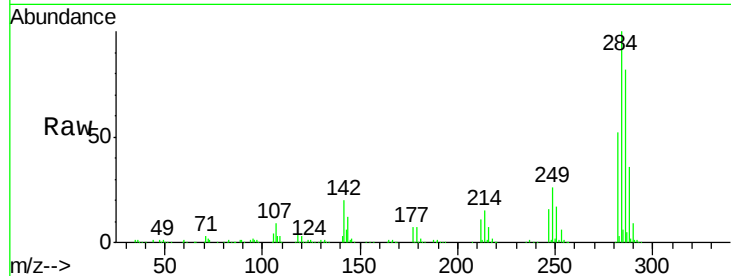
ClientSampleId :

SSTDIC025

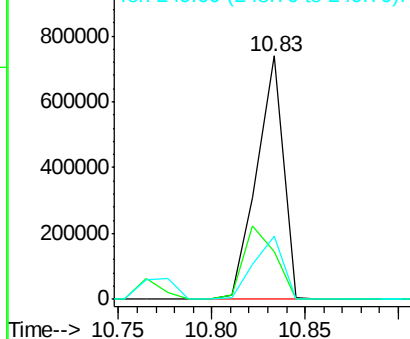
Tgt Ion:	284	Resp:	731093
Ion Ratio	Lower	Upper	
284	100		
142	19.7	17.4	26.2
249	26.1	22.8	34.2

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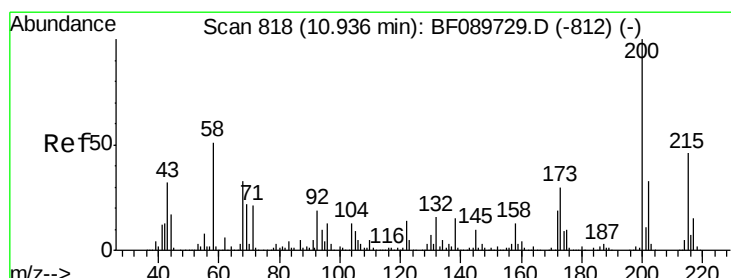
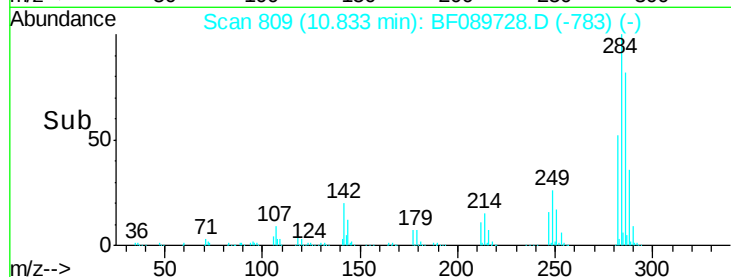


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



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#68

Atrazine

Concen: 26.57 ng

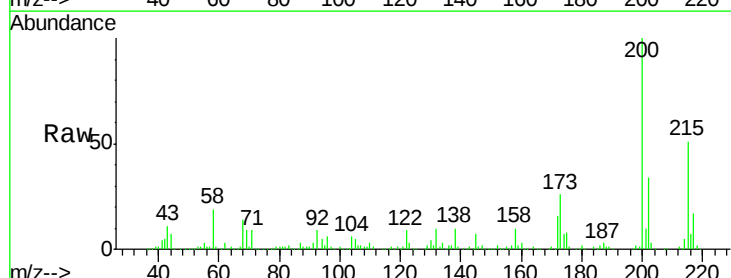
RT: 10.94 min Scan# 818

Delta R.T. -0.00 min

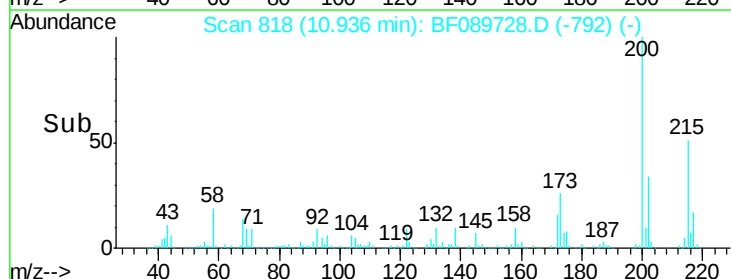
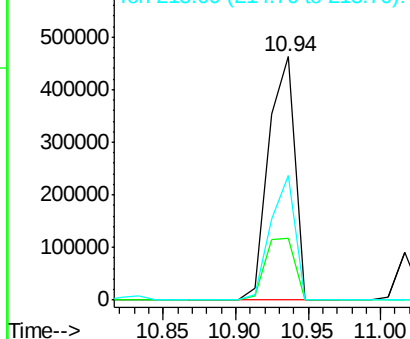
Lab File: BF089728.D

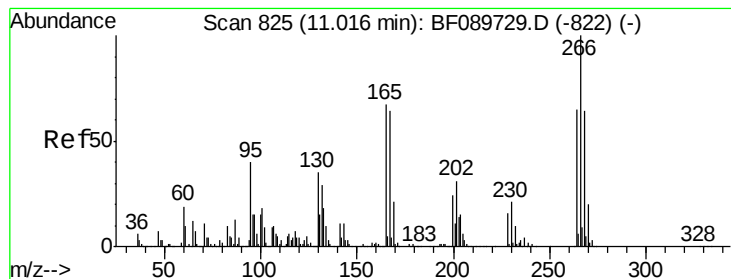
Acq: 16 Aug 2016 16:49

Tgt Ion:	200	Resp:	578152
Ion Ratio	Lower	Upper	
200	100		
173	25.6	6.6	46.6
215	51.1	24.7	64.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 26.53 ng

RT: 11.02 min Scan# 825

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

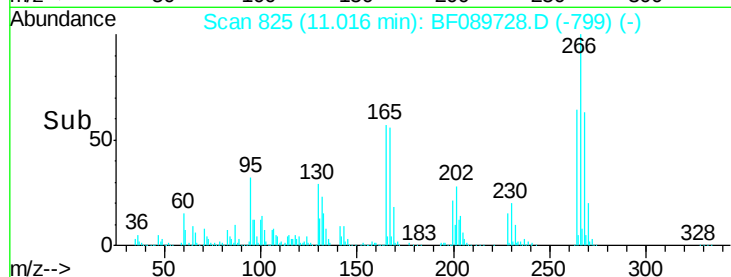
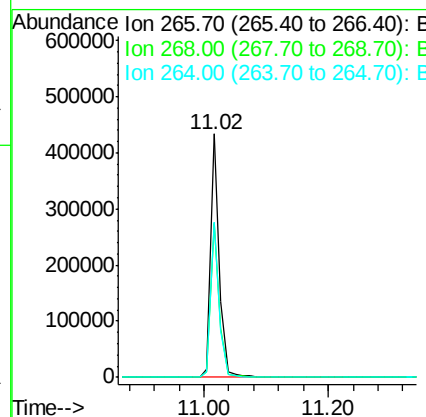
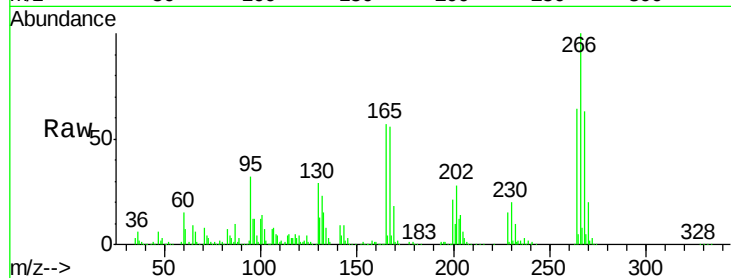
ClientSampleId :

SSTDIC025

Tgt Ion:	266	Resp:	421274
Ion Ratio	Lower	Upper	
266	100		
268	63.0	53.2	79.8
264	64.0	51.1	76.7

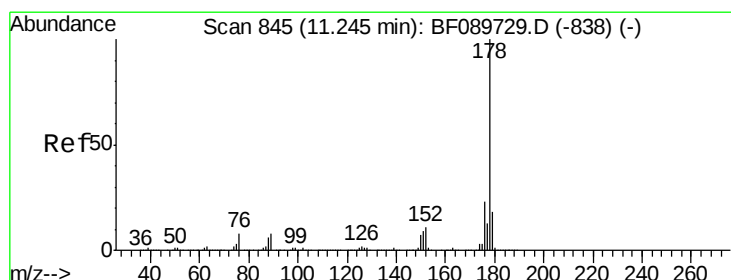
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#70

Phenanthrene

Concen: 28.08 ng

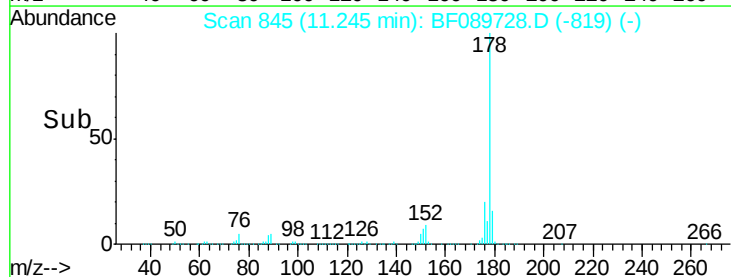
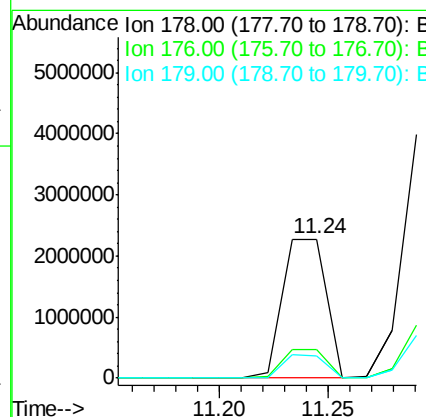
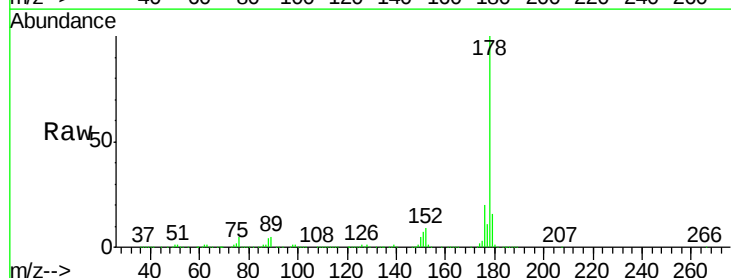
RT: 11.24 min Scan# 845

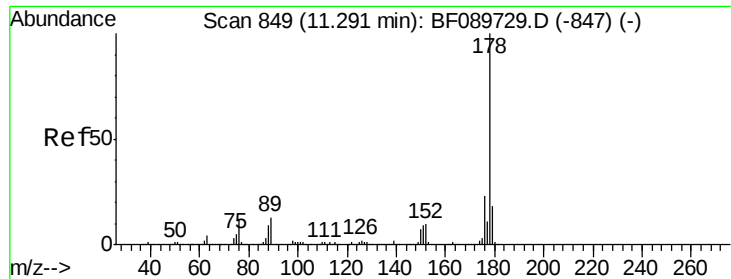
Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Tgt Ion:	178	Resp:	3192311
Ion Ratio	Lower	Upper	
178	100		
176	20.4	16.4	24.6
179	15.8	12.5	18.7





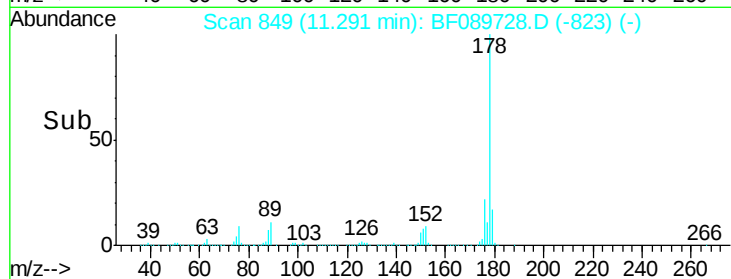
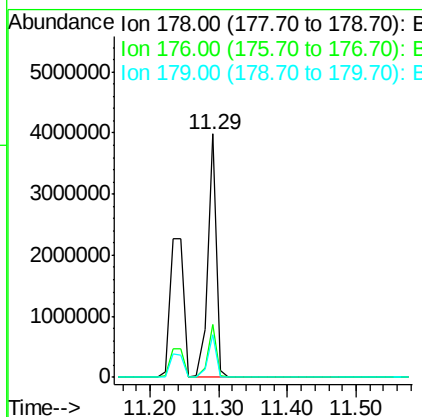
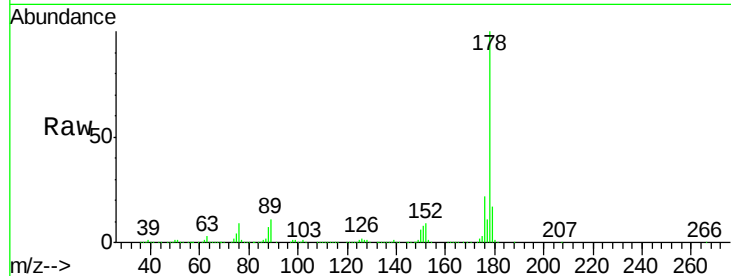
#71
 Anthracene
 Concen: 28.38 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion:178 Resp: 3375338
 Ion Ratio Lower Upper
 178 100
 176 21.7 16.4 24.6
 179 17.5 13.1 19.7

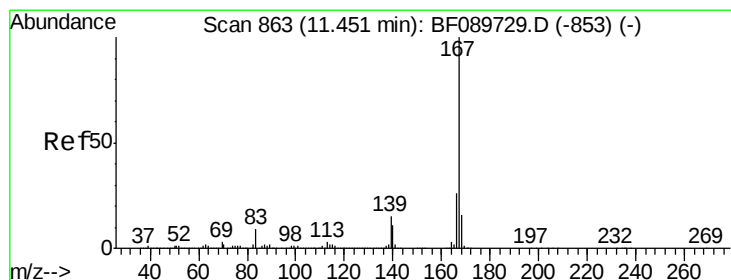
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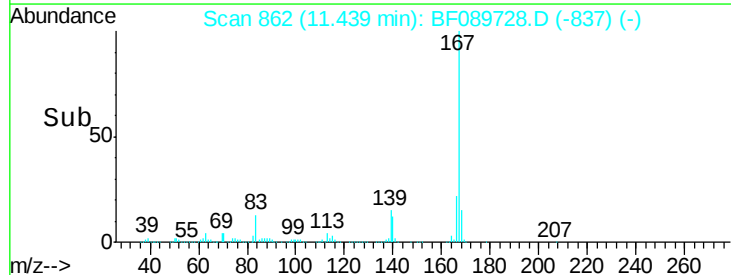
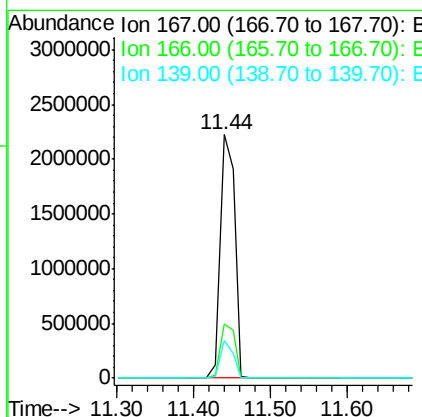
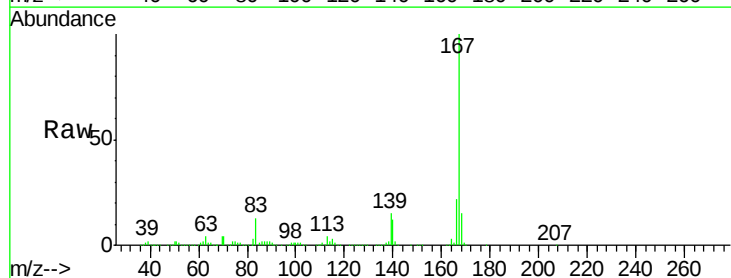
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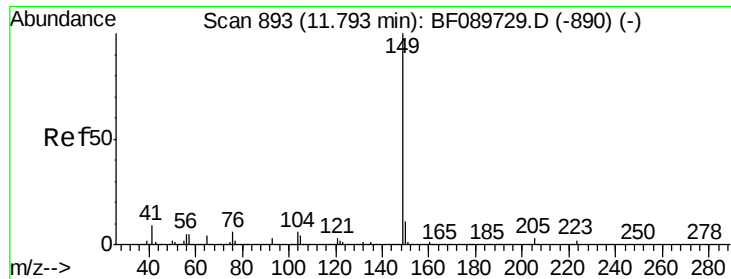
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#72
 Carbazole
 Concen: 25.92 ng
 RT: 11.44 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion:167 Resp: 2938112
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.9 26.9
 139 15.3 12.4 18.6





#73

Di-n-butylphthalate

Concen: 26.17 ng

RT: 11.79 min Scan# 893

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:149 Resp: 3420588

Ion Ratio Lower Upper

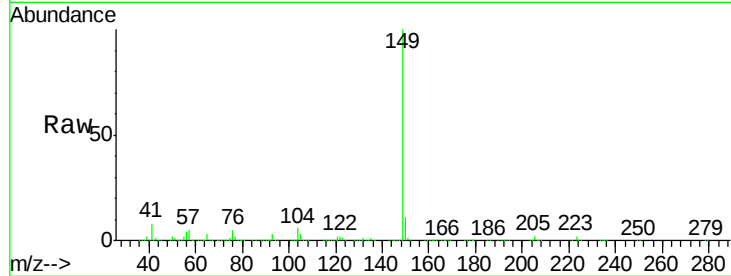
149 100

150 10.8 7.9 11.9

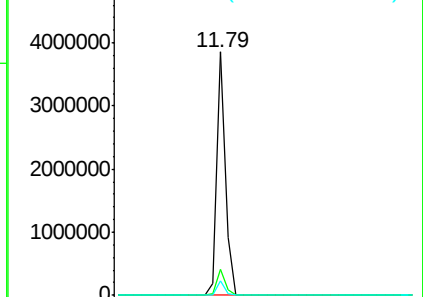
104 5.7 4.3 6.5

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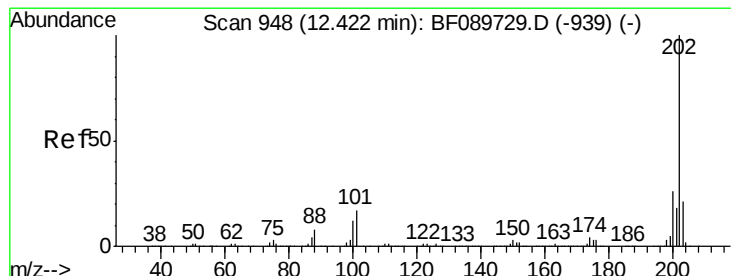
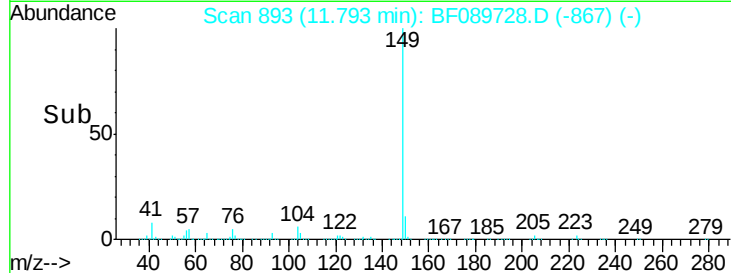


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



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#74

Fluoranthene

Concen: 27.31 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

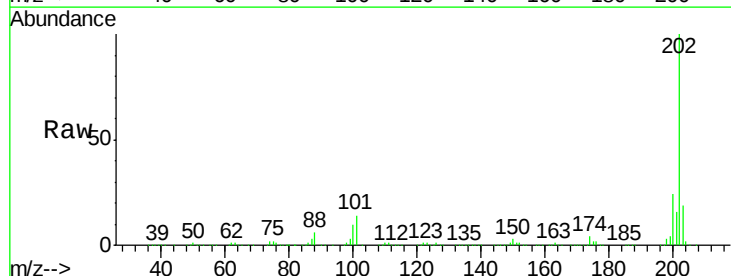
Tgt Ion:202 Resp: 3279809

Ion Ratio Lower Upper

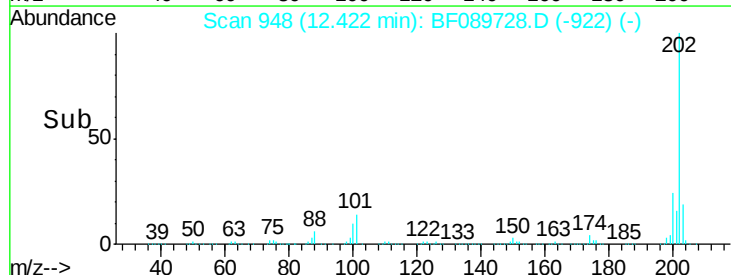
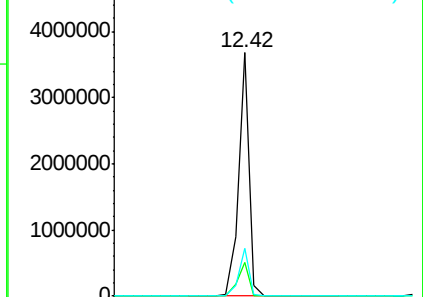
202 100

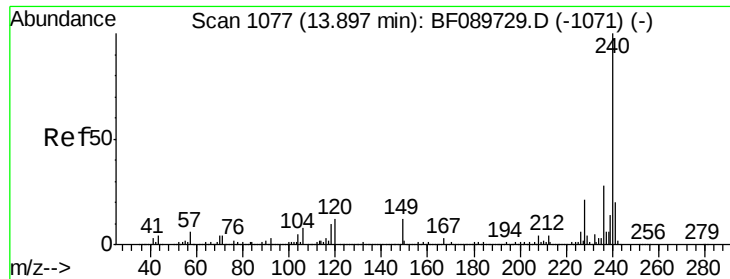
101 13.8 0.0 31.2

203 19.4 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1078

Delta R.T. 0.01 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

ClientSampleId :

SSTDIC025

Tgt Ion:240 Resp: 1936669

Ion Ratio Lower Upper

240 100

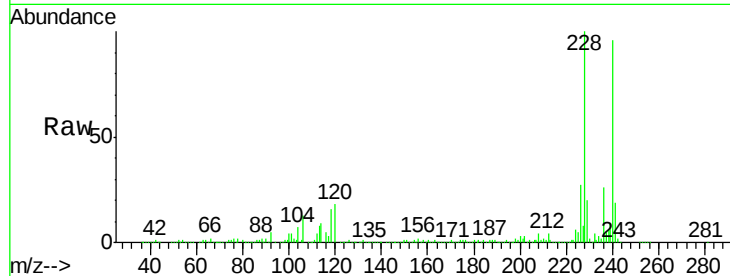
120 19.1 8.3 12.5#

236 26.8 21.3 31.9

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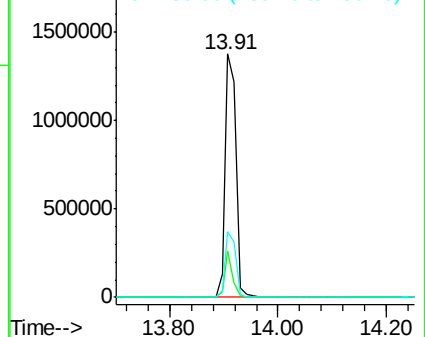
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Abundance Ion 240.00 (239.70 to 240.70): E

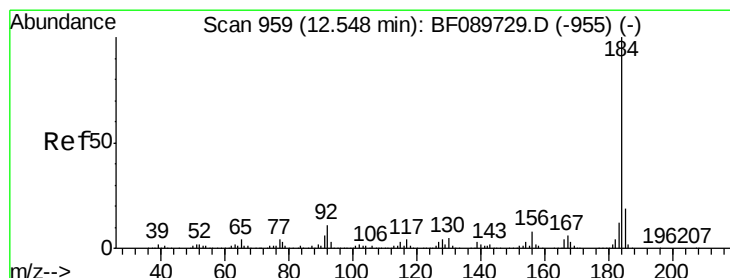
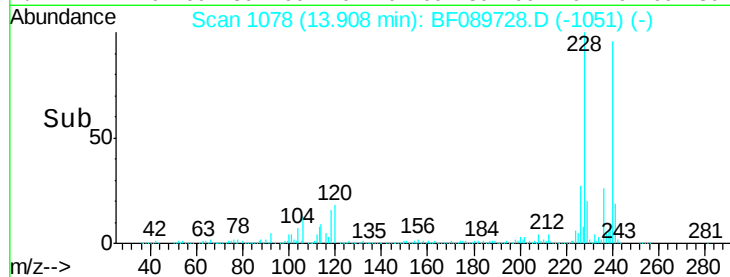
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



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#76

Benzidine

Concen: 26.86 ng

RT: 12.55 min Scan# 959

Delta R.T. -0.00 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

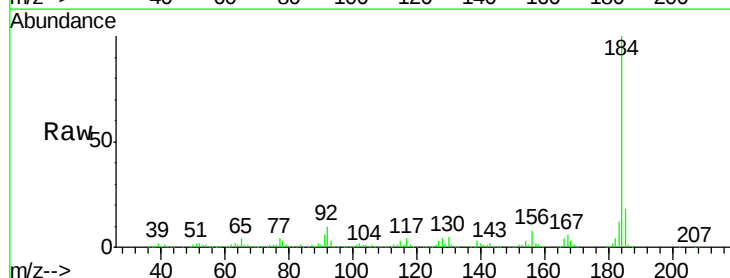
Tgt Ion:184 Resp: 1781760

Ion Ratio Lower Upper

184 100

185 18.3 13.8 20.8

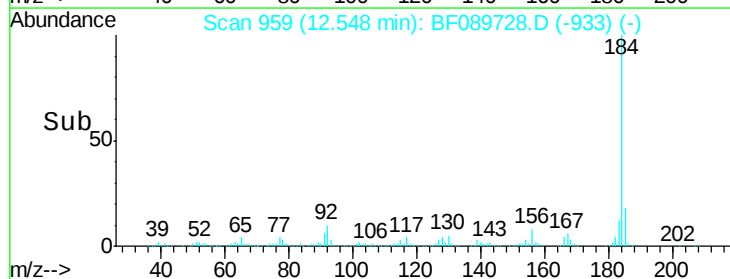
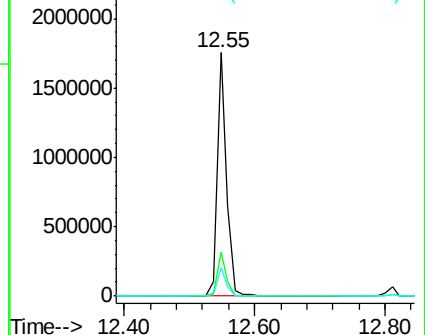
183 11.6 9.7 14.5

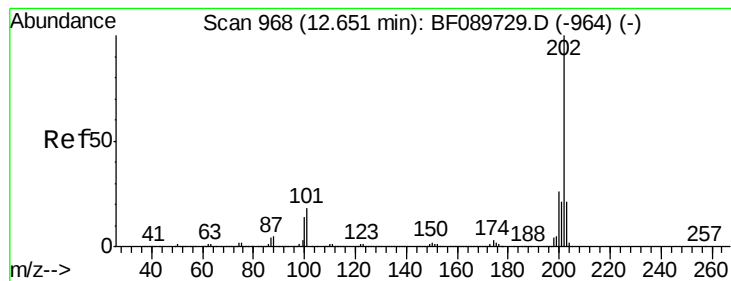


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





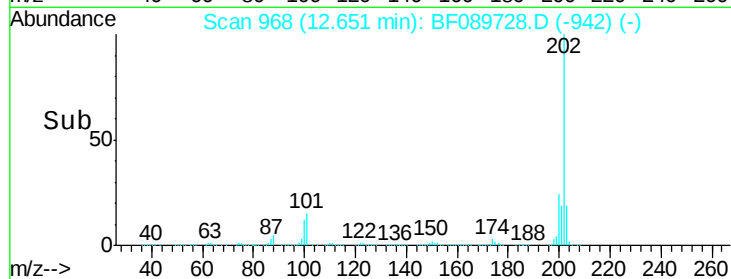
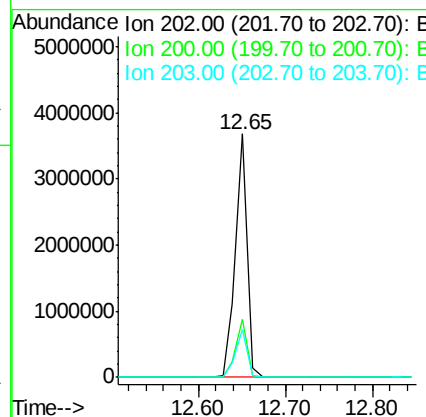
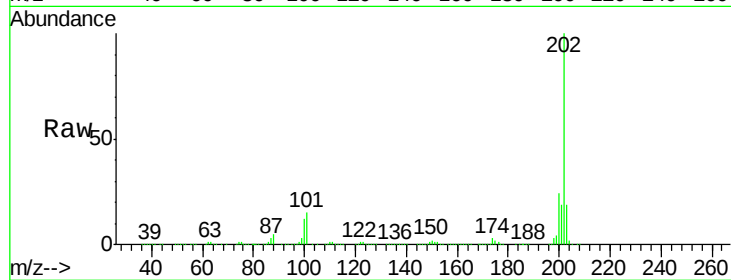
#77
 Pyrene
 Concen: 27.59 ng
 RT: 12.65 min Scan# 968
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.1	17.8	26.6
203	19.4	14.2	21.4

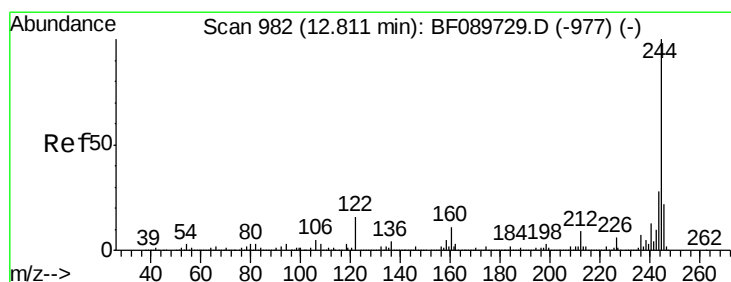
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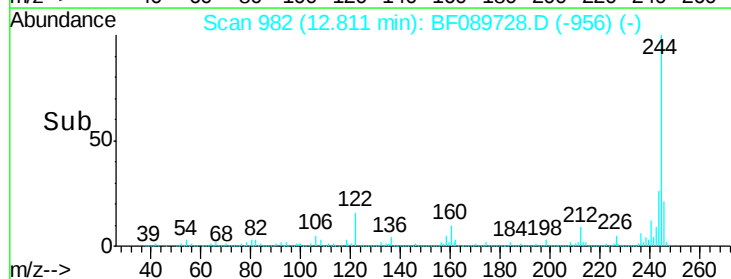
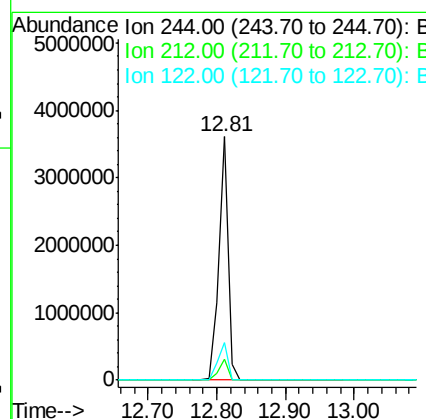
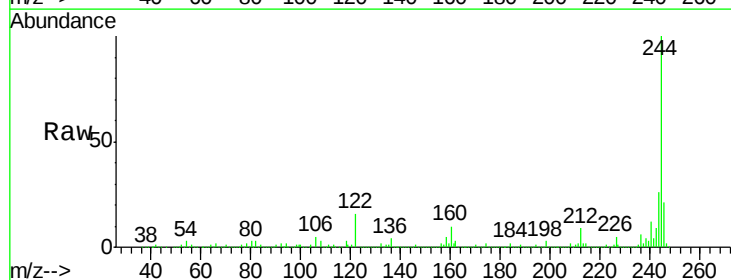
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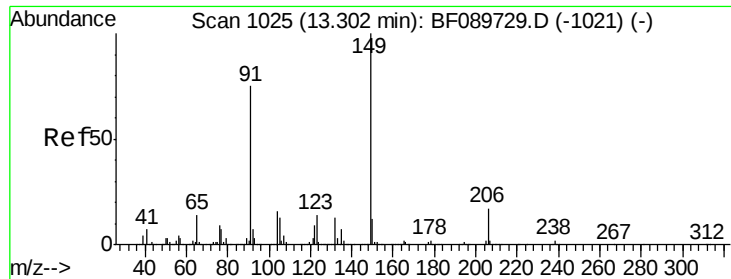
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#78
 Terphenyl-d14
 Concen: 25.54 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.3	9.5
122	15.5	12.0	18.0





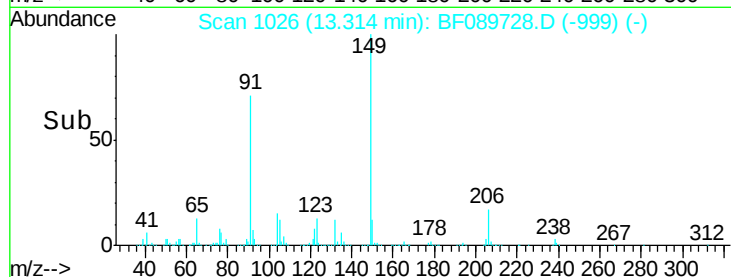
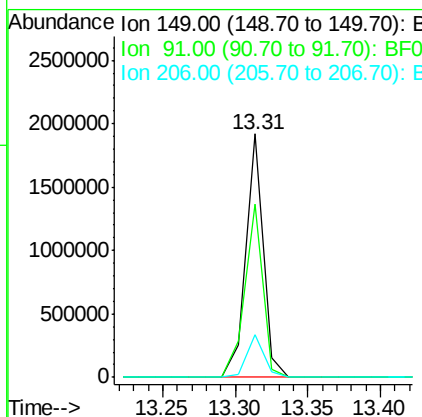
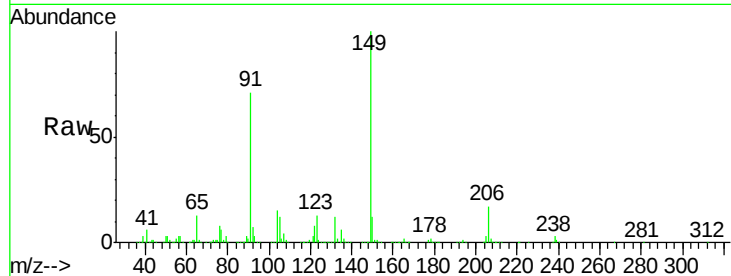
#79
Butylbenzylphthalate
Concen: 28.28 ng
RT: 13.31 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:149 Resp: 1604531
Ion Ratio Lower Upper
149 100
91 70.9 50.7 76.1
206 17.4 15.5 23.3

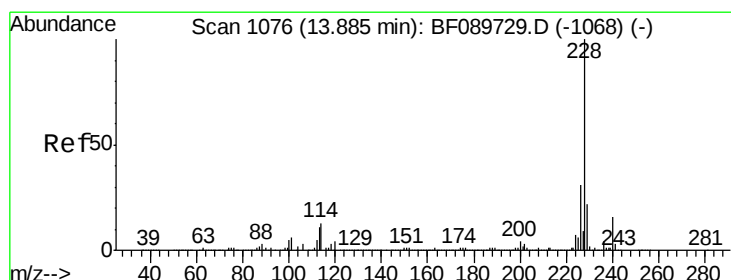
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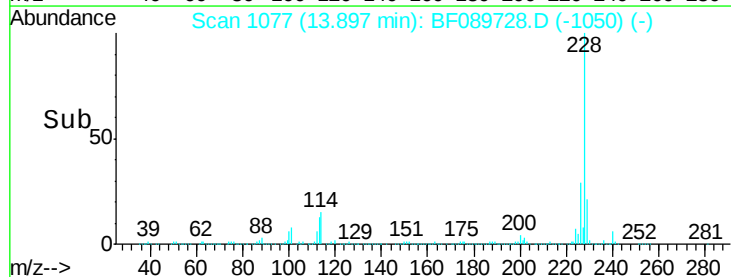
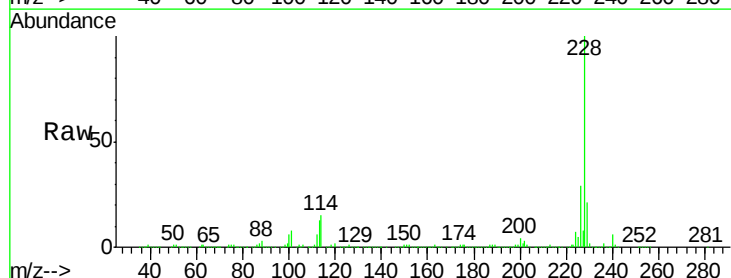
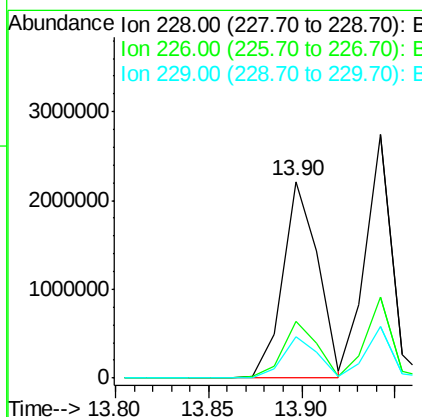
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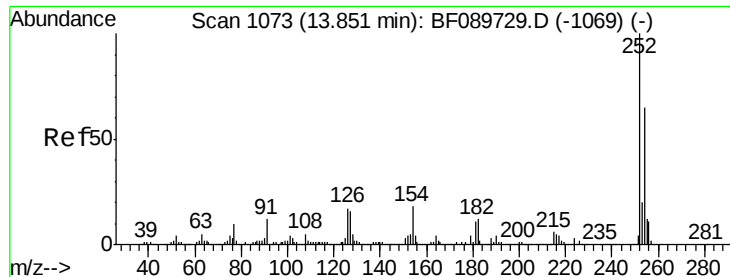
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#80
Benzo(a)anthracene
Concen: 26.15 ng
RT: 13.90 min Scan# 1077
Delta R.T. 0.01 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion:228 Resp: 2907471
Ion Ratio Lower Upper
228 100
226 28.8 23.2 34.8
229 20.9 16.2 24.4





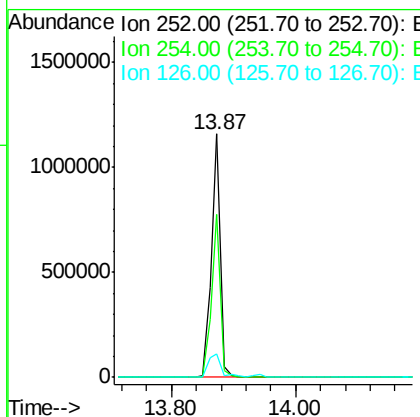
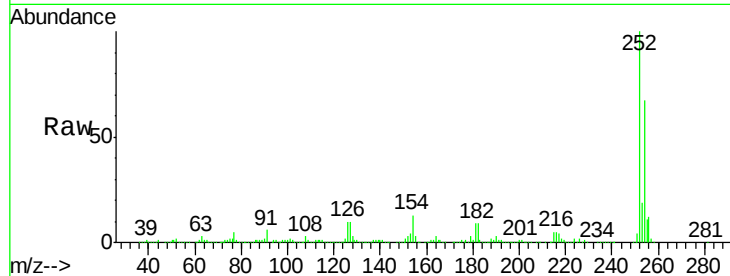
#81
 3,3'-Dichlorobenzidine
 Concen: 28.16 ng
 RT: 13.87 min Scan# 1075
 Delta R.T. 0.02 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.8	50.6	75.8
126	9.9	12.6	18.8

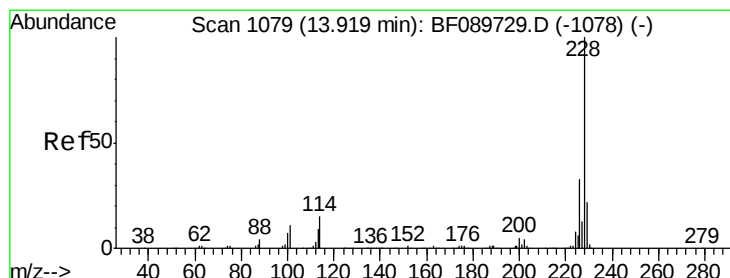
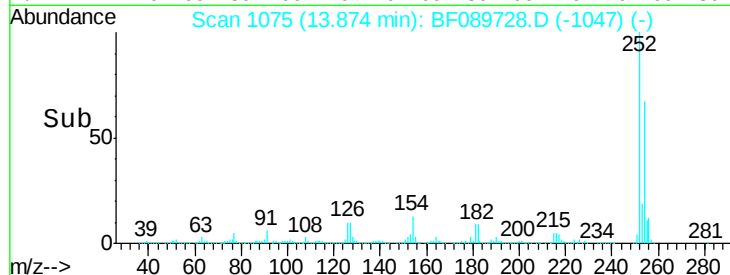
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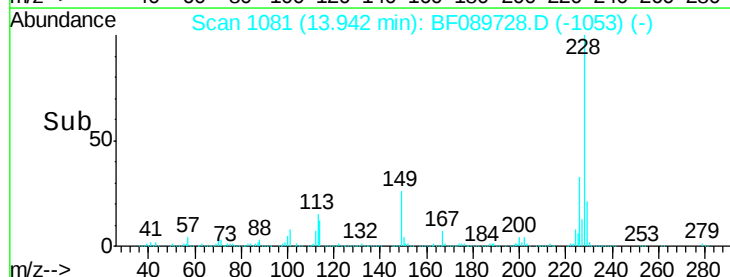
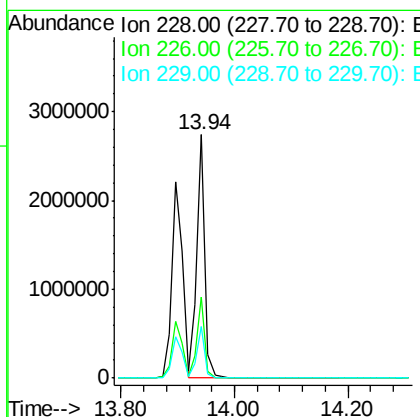
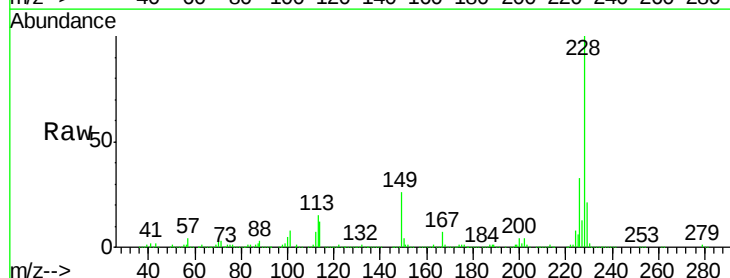
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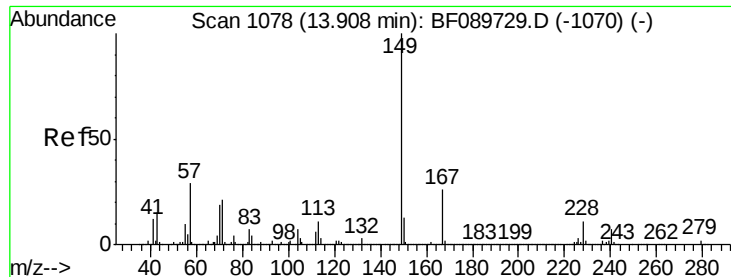
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#82
 Chrysene
 Concen: 26.87 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. 0.02 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	25.4	38.0
229	21.2	16.5	24.7





#83

Bis(2-ethylhexyl)phthalate

Concen: 27.53 ng

RT: 13.93 min Scan# 1080

Delta R.T. 0.02 min

Lab File: BF089728.D

Acq: 16 Aug 2016 16:49

Instrument :

BNA_F

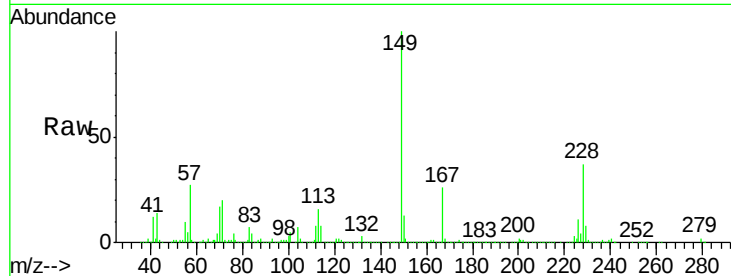
ClientSampleId :

SSTDIC025

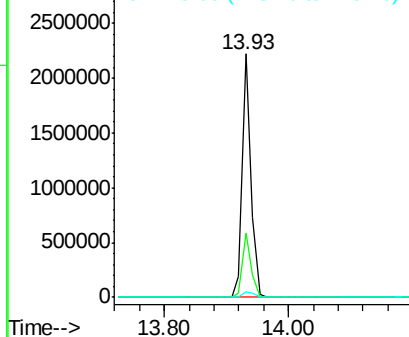
Tgt Ion:	149	Resp:	2195351
Ion Ratio	Lower	Upper	
149	100		
167	26.4	21.2	31.8
279	2.3	2.9	4.3#

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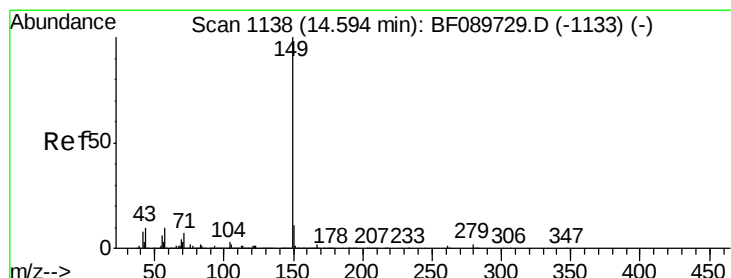
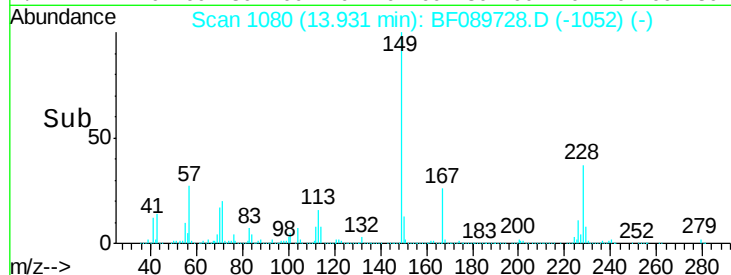


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



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#84

Di-n-octyl phthalate

Concen: 29.85 ng

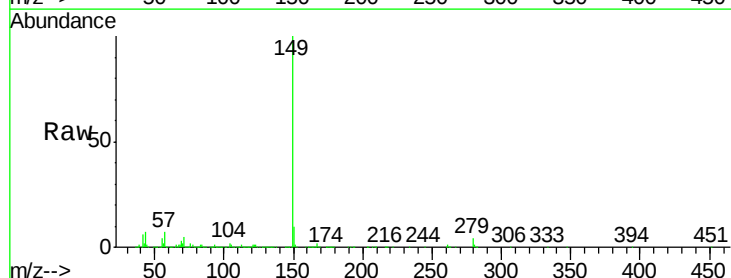
RT: 14.64 min Scan# 1142

Delta R.T. 0.05 min

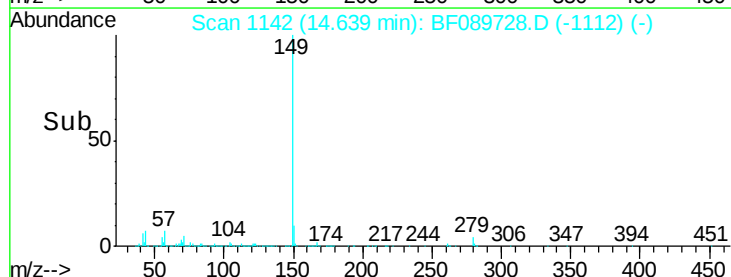
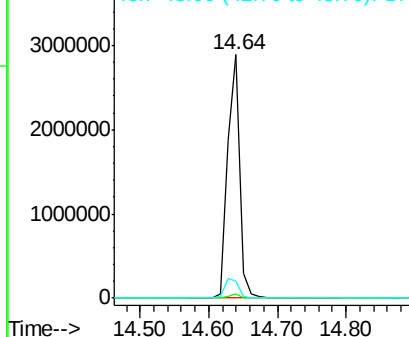
Lab File: BF089728.D

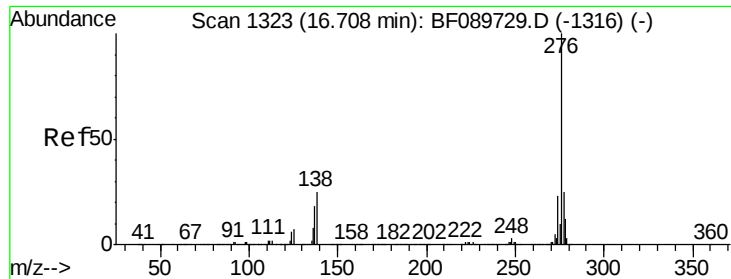
Acq: 16 Aug 2016 16:49

Tgt Ion:	149	Resp:	3582599
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	9.3	8.4	12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0





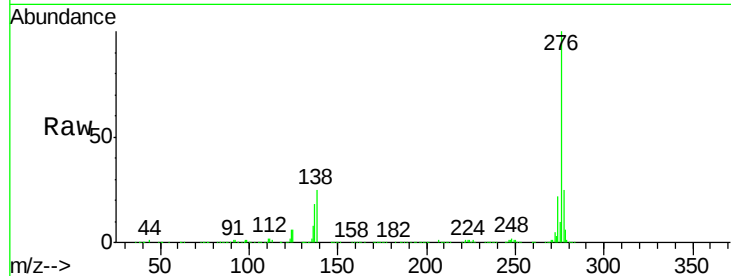
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 26.75 ng
 RT: 16.75 min Scan# 1327
 Delta R.T. 0.05 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

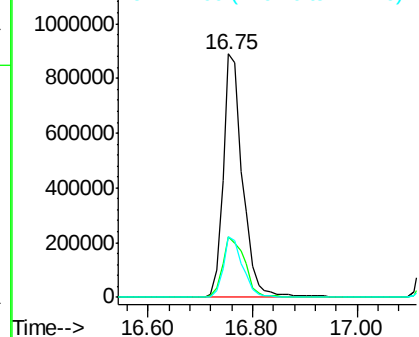
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.6	24.6	36.8
277	25.2	20.4	30.6

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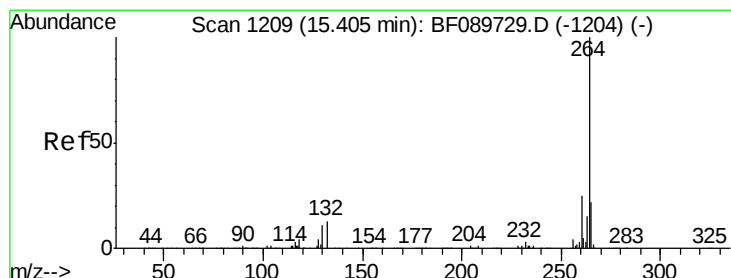
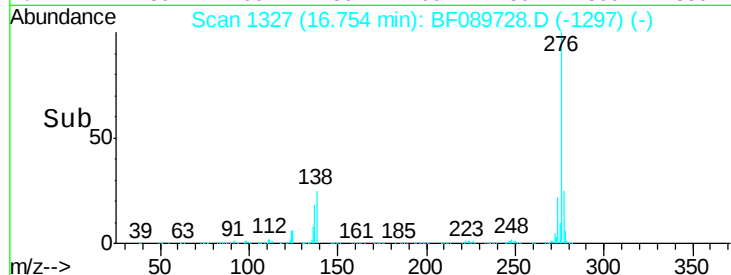


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E



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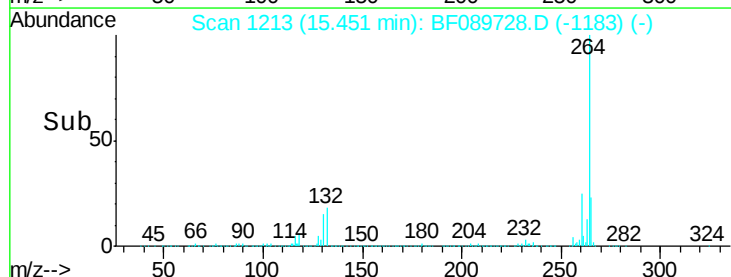
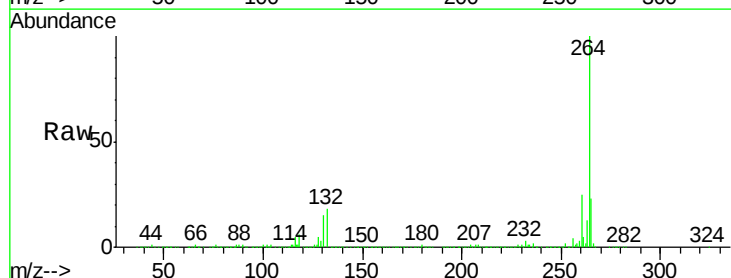
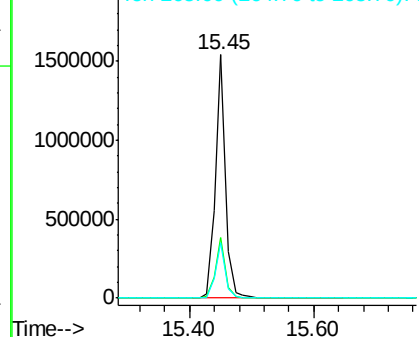
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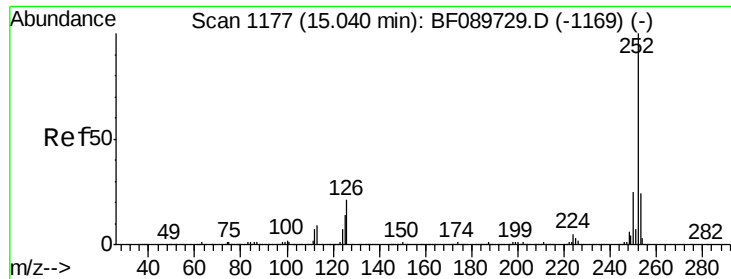


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.45 min Scan# 1213
 Delta R.T. 0.05 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	20.2	30.2
265	22.7	17.4	26.2

Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





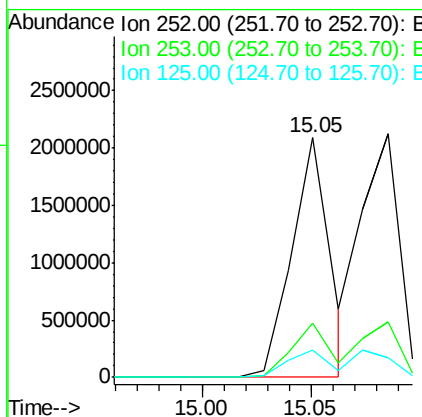
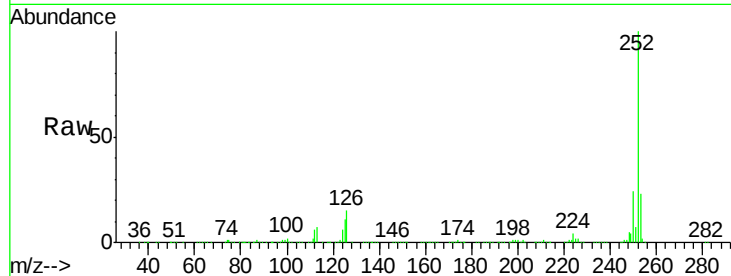
#87
Benzo(b)fluoranthene
Concen: 23.71 ng
RT: 15.05 min Scan# 1178
Delta R.T. 0.05 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion:252 Resp: 2526235
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 11.4 11.4 17.2#

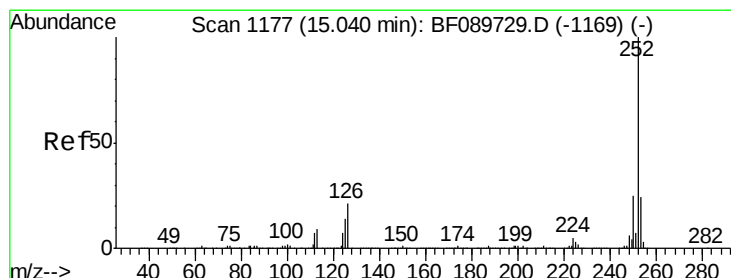
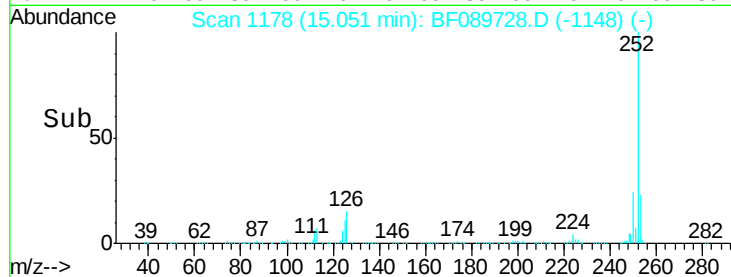
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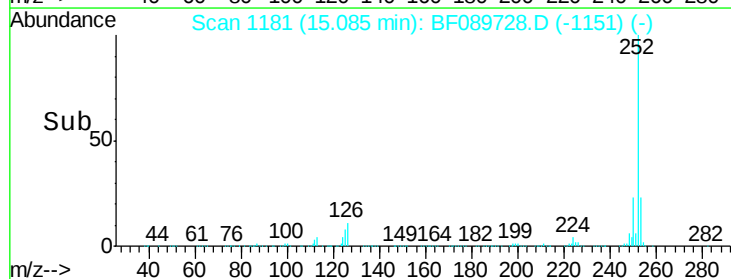
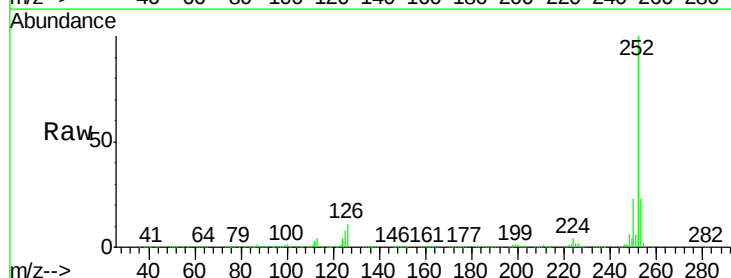
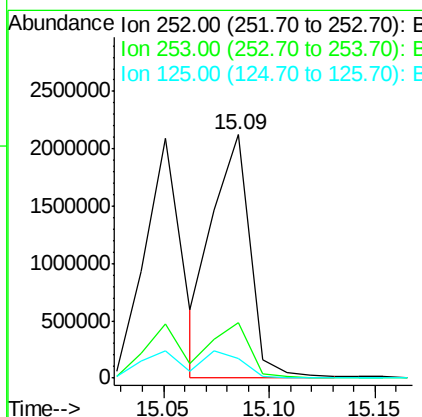
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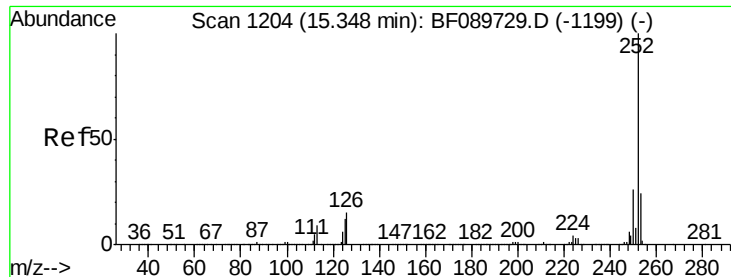
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#88
Benzo(k)fluoranthene
Concen: 31.01 ng m
RT: 15.09 min Scan# 1181
Delta R.T. 0.05 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion:252 Resp: 2642006
Ion Ratio Lower Upper
252 100
253 22.6 18.4 27.6
125 7.9 9.8 14.6#





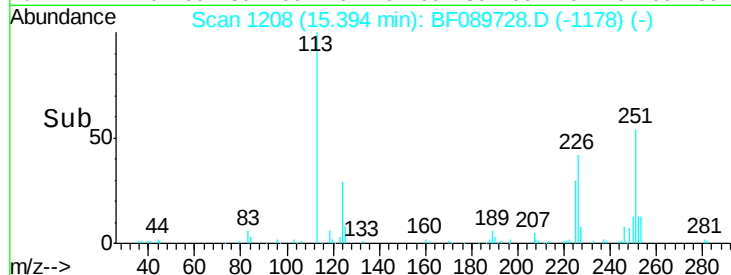
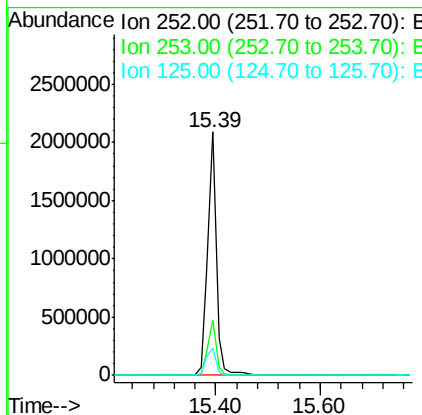
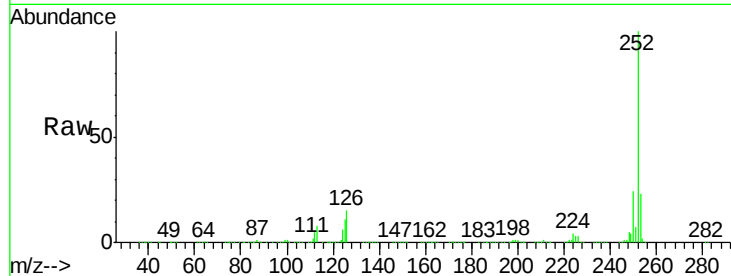
#89
Benzo(a)pyrene
Concen: 26.95 ng
RT: 15.39 min Scan# 1208
Delta R.T. 0.05 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Instrument :
BNA_F
ClientSampleId :
SSTDIC025

Tgt Ion: 252 Resp: 2408370
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.8
125 11.4 11.7 17.5#

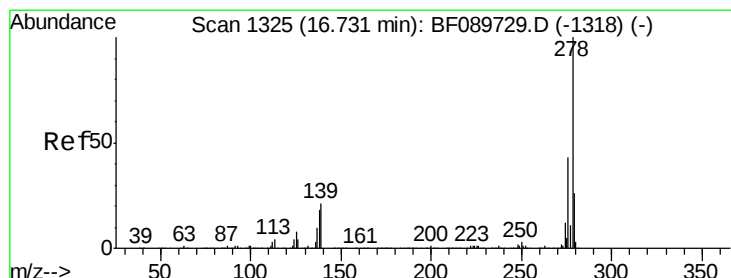
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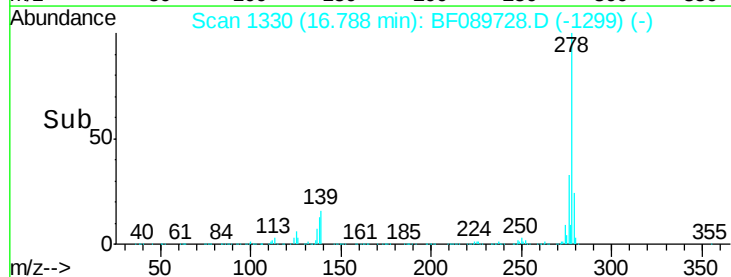
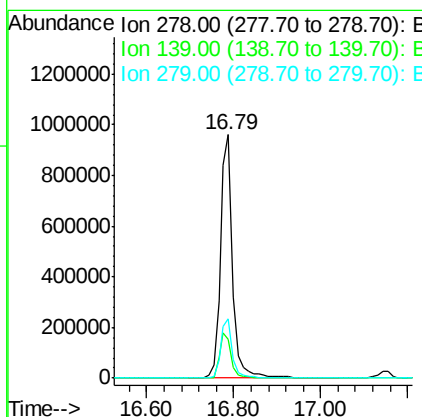
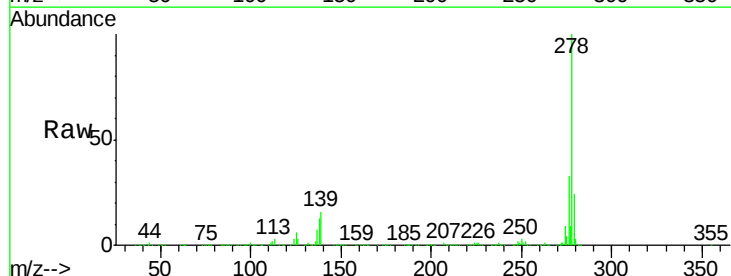
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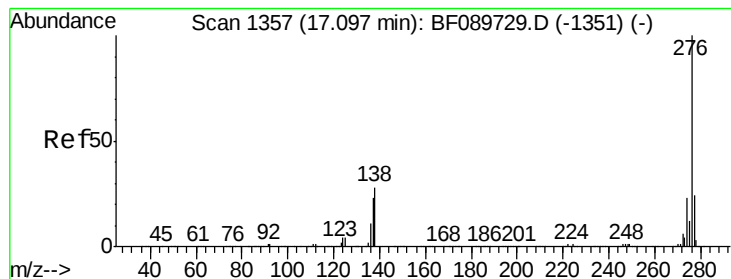
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#90
Dibenzo(a,h)anthracene
Concen: 26.99 ng
RT: 16.79 min Scan# 1330
Delta R.T. 0.06 min
Lab File: BF089728.D
Acq: 16 Aug 2016 16:49

Tgt Ion: 278 Resp: 1894119
Ion Ratio Lower Upper
278 100
139 16.0 14.9 22.3
279 24.2 19.2 28.8





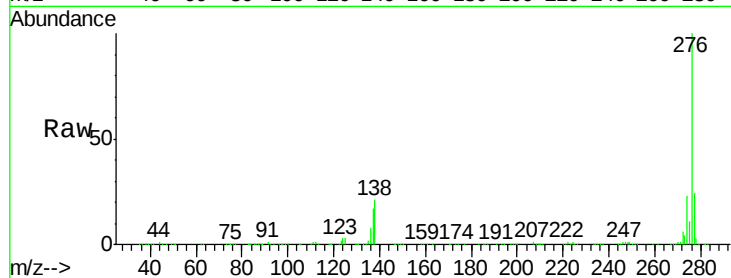
#91
 Benzo(g,h,i)perylene
 Concen: 26.62 ng
 RT: 17.15 min Scan# 1362
 Delta R.T. 0.06 min
 Lab File: BF089728.D
 Acq: 16 Aug 2016 16:49

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC025

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	20.9	22.1	33.1

Manual Integrations
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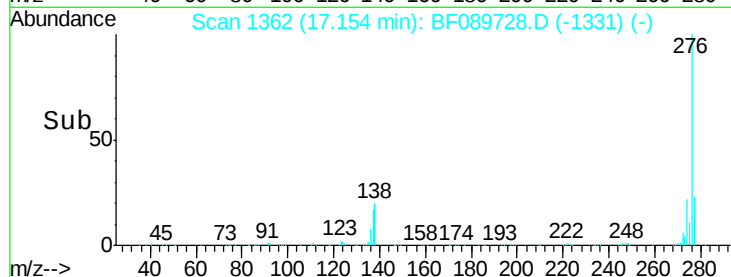
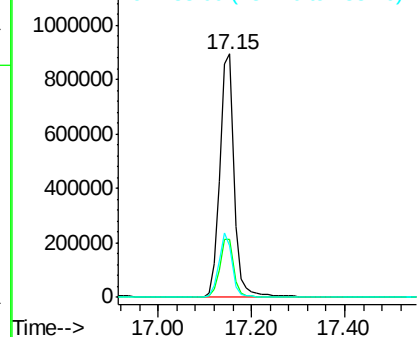


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E



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