

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081616\
 Data File : BF089742.D
 Acq On : 17 Aug 2016 4:30
 Operator : UM/SJ
 Sample : PB92811BSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

Manual Integrations
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 8/17/2016 6:24:17 PM

Quant Time: Aug 17 06:58:44 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 19:45:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	764473	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	3079124	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1512039	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	2808879	20.00	ng	0.01
75) Chrysene-d12	13.87	240	2255700	20.00	ng	-0.02
86) Perylene-d12	15.33	264	2054841	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.29	112	4196110	91.58	ng	0.01
7) Phenol-d6	6.34	99	5565948	95.51	ng	0.01
23) Nitrobenzene-d5	7.27	82	3598140	71.35	ng	0.00
41) 2,4,6-Tribromophenol	10.54	330	1608204	109.94	ng	0.01
44) 2-Fluorobiphenyl	9.07	172	5795436	61.50	ng	0.00
78) Terphenyl-d14	12.81	244	5429818	71.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.27	88	615474	26.02	ng	100
3) Pyridine	2.91	79	1785098	29.29	ng	97
4) n-Nitrosodimethylamine	2.88	42	820230	33.53	ng	# 89
6) Aniline	6.36	93	2328919	29.73	ng	99
8) 2-Chlorophenol	6.49	128	1890590	34.69	ng	# 78
9) Benzaldehyde	6.24	77	328301	8.50	ng	90
10) Phenol	6.35	94	2230712	30.75	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	1835037	34.14	ng	98
12) 1,3-Dichlorobenzene	6.64	146	1818602	31.22	ng	98
13) 1,4-Dichlorobenzene	6.72	146	1962732	33.26	ng	98
14) 1,2-Dichlorobenzene	6.88	146	1742992	30.98	ng	97
15) Benzyl Alcohol	6.84	79	1317799	33.84	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2171826	30.80	ng	95
17) 2-Methylphenol	6.97	107	1654283	38.21	ng	95
18) Hexachloroethane	7.22	117	744914	34.44	ng	93
19) n-Nitroso-di-n-propylamine	7.13	70	1270396	33.29	ng	94
20) 3+4-Methylphenols	7.12	107	1774274	32.00	ng	# 82
22) Acetophenone	7.12	105	2215005	30.95	ng	# 94
24) Nitrobenzene	7.29	77	2131609	37.58	ng	93
25) Isophorone	7.53	82	3579492	35.48	ng	99
26) 2-Nitrophenol	7.61	139	990005	37.09	ng	94
27) 2,4-Dimethylphenol	7.66	122	1994813	39.43	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	2156905	35.18	ng	98
29) 2,4-Dichlorophenol	7.85	162	1687112	40.06	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	1529620	33.83	ng	98
31) Naphthalene	8.01	128	4808103	34.79	ng	95
32) Benzoic acid	7.78	122	1125176	28.61	ng	99
33) 4-Chloroaniline	8.06	127	1605161	25.10	ng	# 86
34) Hexachlorobutadiene	8.14	225	817958	34.44	ng	99
35) Caprolactam	8.43	113	520182m	40.07	ng	
36) 4-Chloro-3-methylphenol	8.55	107	1522113	33.20	ng	92
37) 2-Methylnaphthalene	8.71	142	3593805	38.20	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1085701	22.33	ng	98
40) Hexachlorocyclopentadiene	8.87	237	1683493	77.71	ng	98

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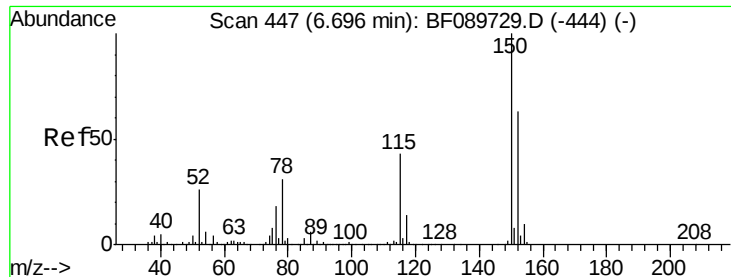
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1172073	37.33	nq	100
43) 2,4,5-Trichlorophenol	9.02	196	1089551	36.39	nq	# 91
45) 1,1'-Biphenyl	9.16	154	3528299	28.17	nq	99
46) 2-Chloronaphthalene	9.19	162	3032087	32.31	nq	98
47) 2-Nitroaniline	9.28	65	1037107	36.27	nq	96
48) Acenaphthylene	9.60	152	4754500	32.91	nq	97
49) Dimethylphthalate	9.48	163	3916961	35.80	nq	# 99
50) 2,6-Dinitrotoluene	9.53	165	853144	34.45	nq	87
51) Acenaphthene	9.77	154	3718498	38.15	nq	99
52) 3-Nitroaniline	9.69	138	753546	26.17	nq	96
53) 2,4-Dinitrophenol	9.80	184	1060050	95.49	nq	# 88
54) Dibenzofuran	9.95	168	4590177	38.26	nq	# 90
55) 4-Nitrophenol	9.86	139	1540858	69.57	nq	89
56) 2,4-Dinitrotoluene	9.93	165	1044423	32.81	nq	# 59
57) Fluorene	10.28	166	3038124	31.35	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	983909	42.08	nq	97
59) Diethylphthalate	10.18	149	3869649	34.88	nq	96
60) 4-Chlorophenyl-phenylether	10.28	204	1405349	29.53	nq	96
61) 4-Nitroaniline	10.31	138	1046114	37.42	nq	93
62) Azobenzene	10.44	77	4174374	39.82	nq	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	651548	39.95	nq	# 64
65) n-Nitrosodiphenylamine	10.41	169	3455409	39.20	nq	97
66) 4-Bromophenyl-phenylether	10.78	248	1088823	37.43	nq	# 90
67) Hexachlorobenzene	10.83	284	1127566	34.87	nq	# 86
68) Atrazine	10.94	200	817062	30.60	nq	96
69) Pentachlorophenol	11.03	266	1422891	70.63	nq	98
70) Phenanthrene	11.24	178	5082996	36.82	nq	92
71) Anthracene	11.29	178	4733229	32.81	nq	96
72) Carbazole	11.45	167	5092852	37.26	nq	96
73) Di-n-butylphthalate	11.79	149	5540934	33.33	nq	97
74) Fluoranthene	12.42	202	4617933	33.29	nq	91
76) Benzidine	12.55	184	1977071	24.42	nq	99
77) Pyrene	12.65	202	5069462	34.34	nq	92
79) Butylbenzylphthalate	13.29	149	2498311	33.74	nq	# 85
80) Benzo(a)anthracene	13.86	228	4482324	34.20	nq	96
81) 3,3'-Dichlorobenzidine	13.83	252	1457859	30.53	nq	98
82) Chrysene	13.90	228	3810502	32.31	nq	96
83) Bis(2-ethylhexyl)phthalate	13.89	149	3623055	36.97	nq	96
84) Di-n-octyl phthalate	14.54	149	5664920	37.19	nq	96
85) Indeno(1,2,3-cd)pyrene	16.63	276	3807126	37.89	nq	99
87) Benzo(b)fluoranthene	14.94	252	5123656m	39.35	nq	
88) Benzo(k)fluoranthene	14.97	252	2900701m	27.07	nq	
89) Benzo(a)pyrene	15.27	252	3768295	35.06	nq	98
90) Dibenzo(a,h)anthracene	16.65	278	3143862	37.14	nq	98
91) Benzo(g,h,i)perylene	17.02	276	3102775	36.02	nq	97

(#) = 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: BF089742.D

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Instrument :

BNA_F

ClientSampled :

PB92811BSD

Tot Ion:152 Resp: 764473

Ion Ratio Lower Upper

152 100

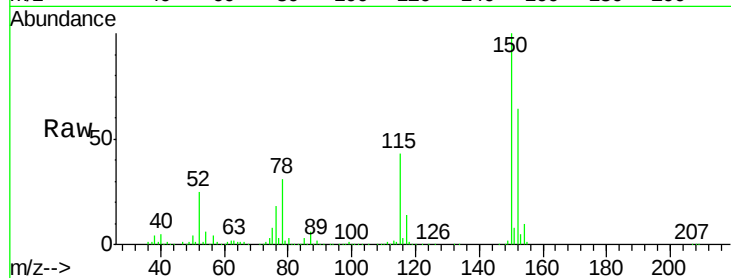
150 156.9 125.3 187.9

115 67.1 40.9 61.3#

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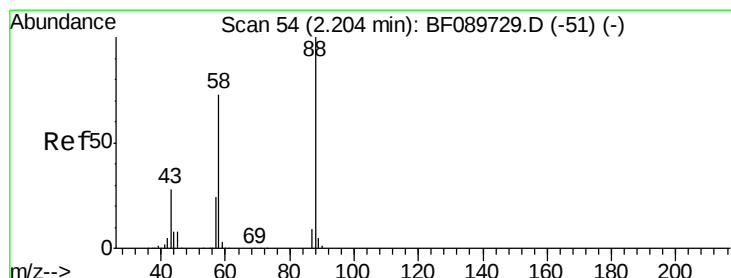
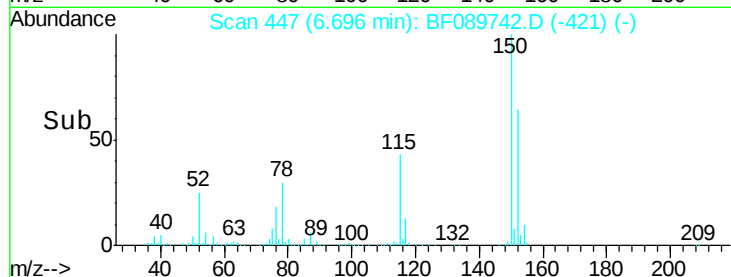
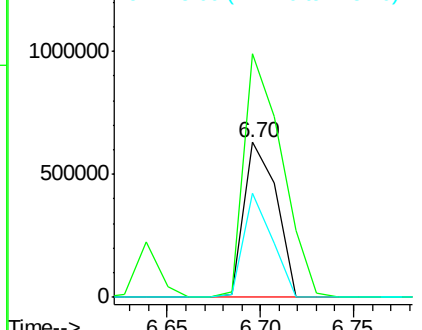
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 26.02 ng

RT: 2.27 min Scan# 60

Delta R.T. 0.07 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

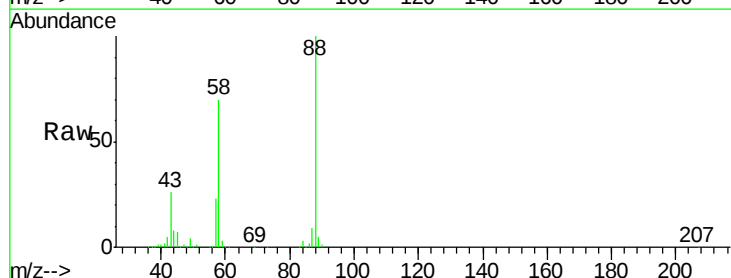
Tgt Ion: 88 Resp: 615474

Ion Ratio Lower Upper

88 100

58 71.3 57.0 85.4

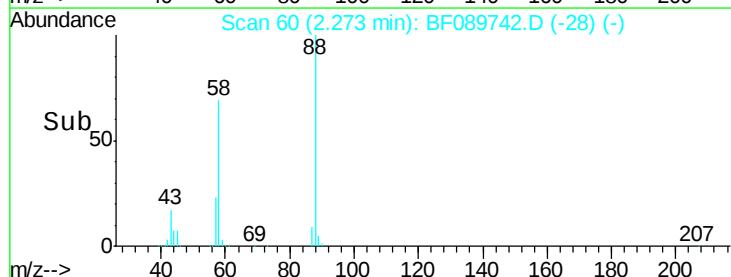
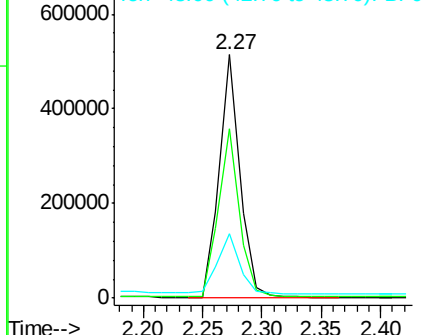
43 27.5 21.8 32.8

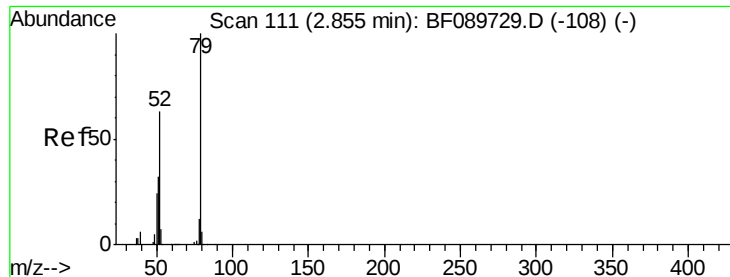


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





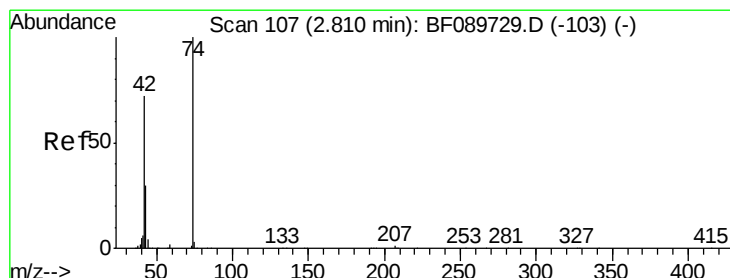
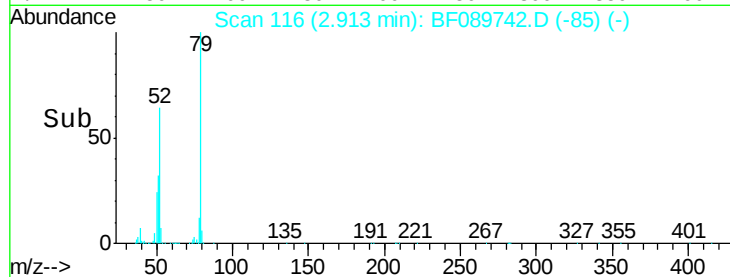
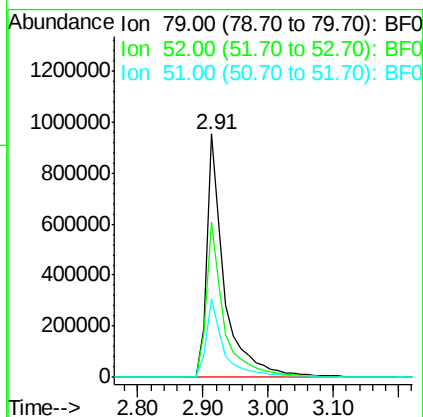
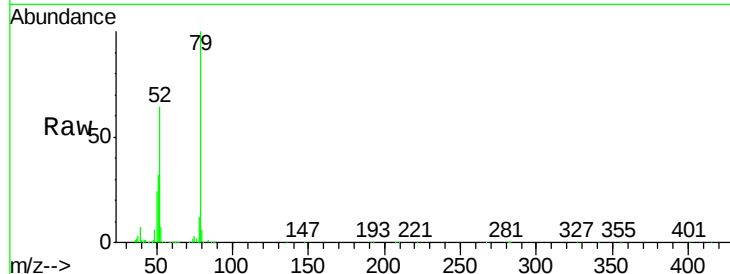
#3
 Pvridine
 Concen: 29.29 ng
 RT: 2.91 min Scan# 116
 Delta R.T. 0.06 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

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Tot Ion: 79 Resp: 1785098
 Ion Ratio Lower Upper
 79 100
 52 63.7 53.6 80.4
 51 32.2 26.6 39.8

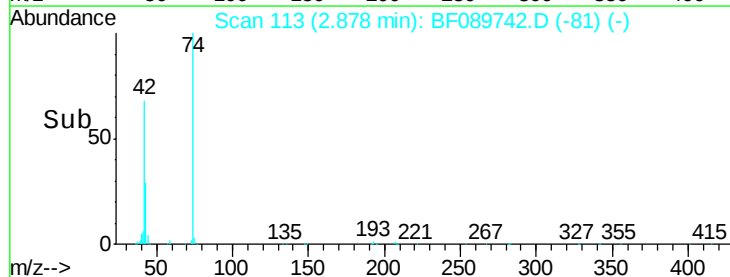
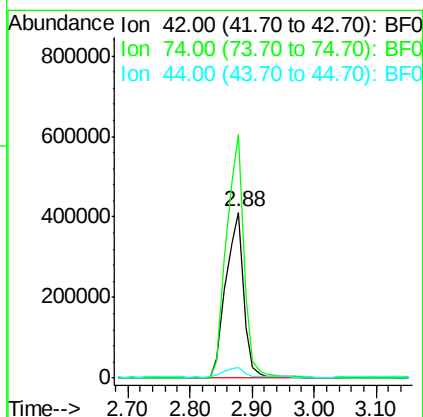
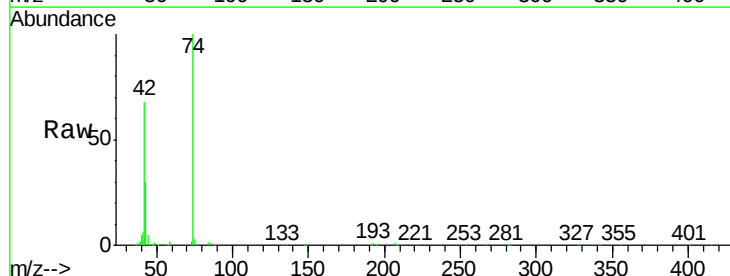
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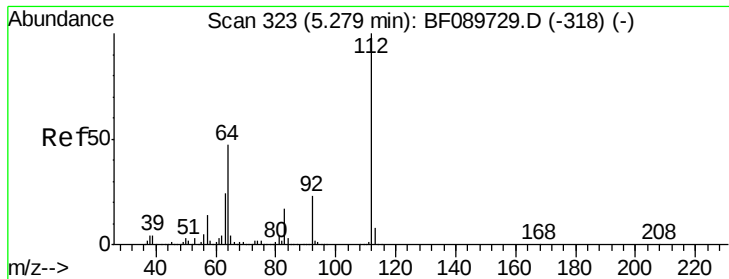
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#4
 n-Nitrosodimethylamine
 Concen: 33.53 ng
 RT: 2.88 min Scan# 113
 Delta R.T. 0.07 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion: 42 Resp: 820230
 Ion Ratio Lower Upper
 42 100
 74 146.6 106.2 159.2
 44 6.7 6.9 10.3#





#5

2-Fluorophenol

Concen: 91.58 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

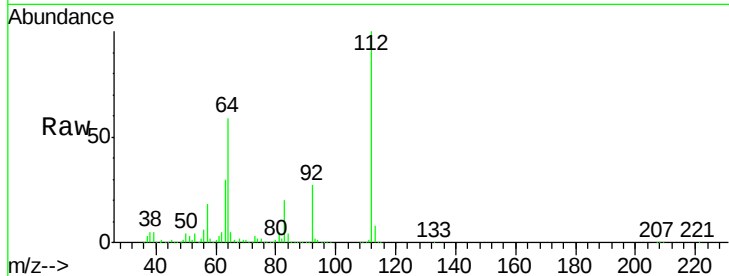
ClientSampleId :

PB92811BSD

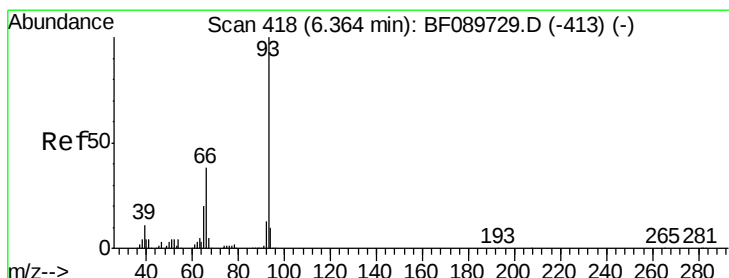
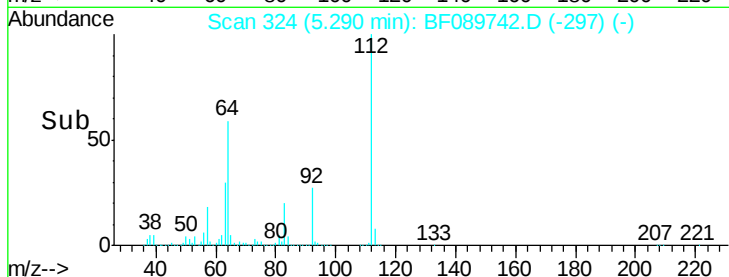
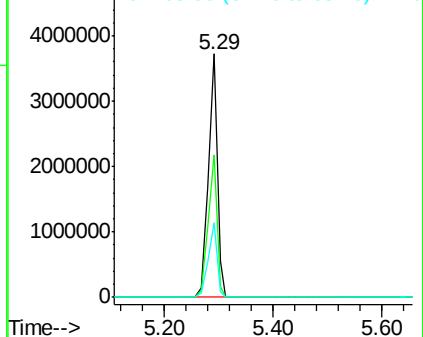
Tot Ion:	112	Resp:	4196110
Ion	Ratio	Lower	Upper
112	100		
64	58.8	45.0	67.4
63	30.4	23.1	34.7

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Abundance Ion 112.00 (111.70 to 112.70): BF089742.D (-297) (-)



#6

Aniline

Concen: 29.73 ng

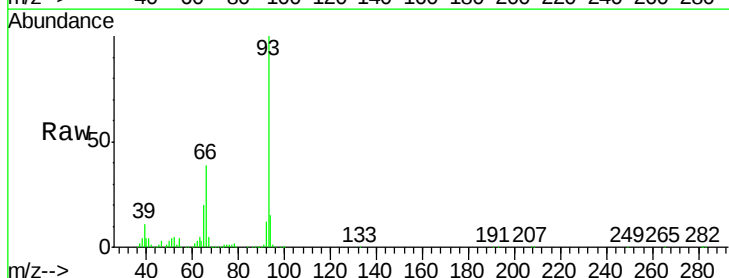
RT: 6.36 min Scan# 418

Delta R.T. 0.00 min

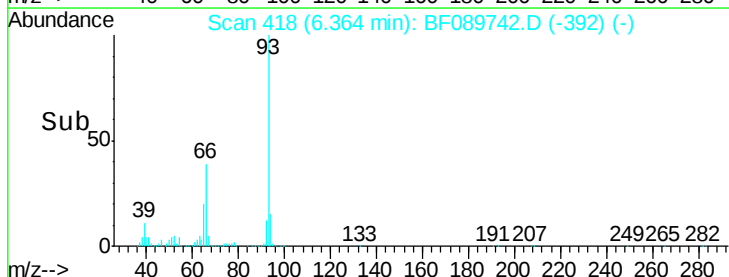
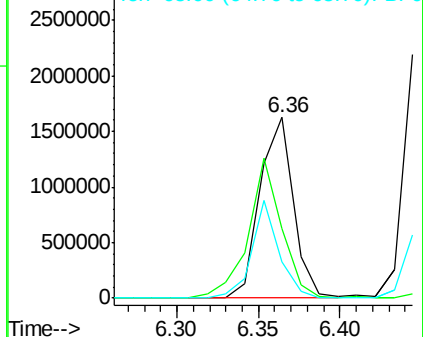
Lab File: BF089742.D

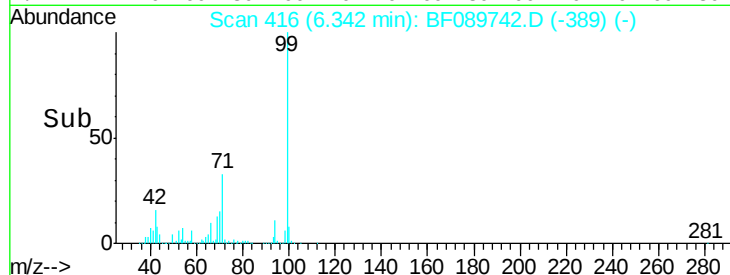
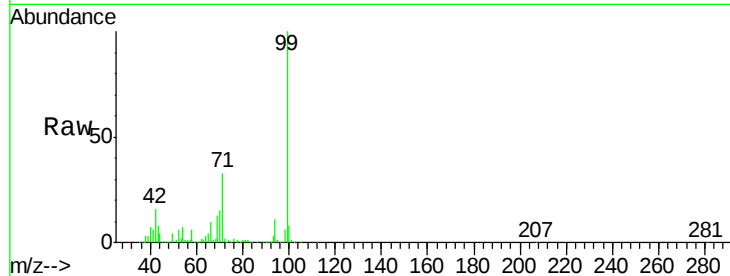
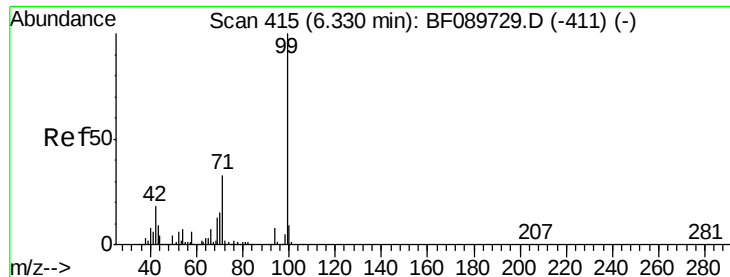
Acq: 17 Aug 2016 4:30

Tgt Ion:	93	Resp:	2328919
Ion	Ratio	Lower	Upper
93	100		
66	38.5	30.6	46.0
65	20.3	15.4	23.2



Abundance Ion 93.00 (92.70 to 93.70): BF089742.D (-392) (-)





#7

Phenol-d6

Concen: 95.51 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Tot Ion: 99 Resp: 5565948

Ion Ratio Lower Upper

99 100

42 15.6 12.2 18.4

71 32.7 23.8 35.8

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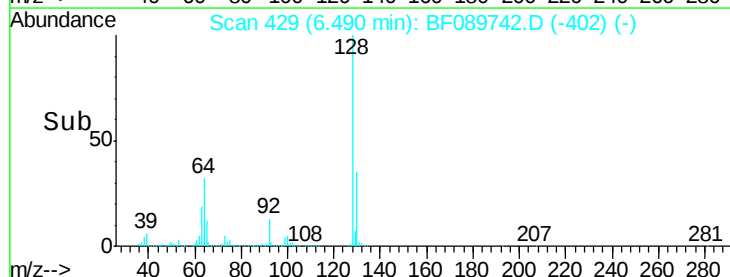
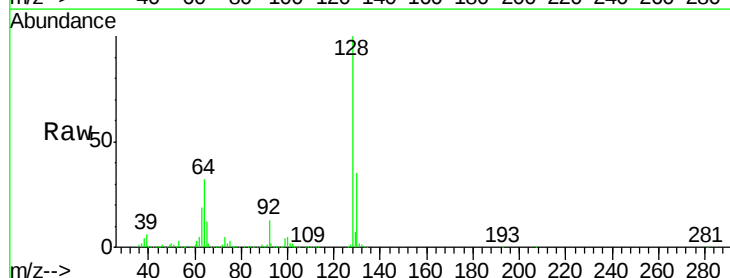
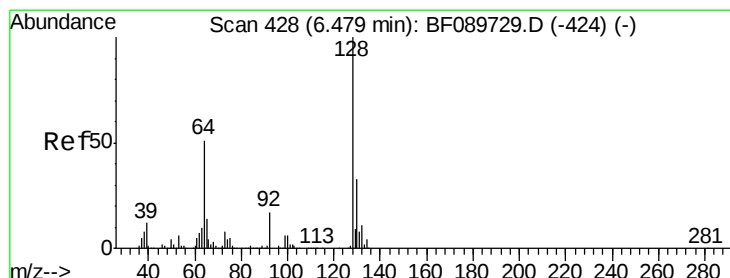
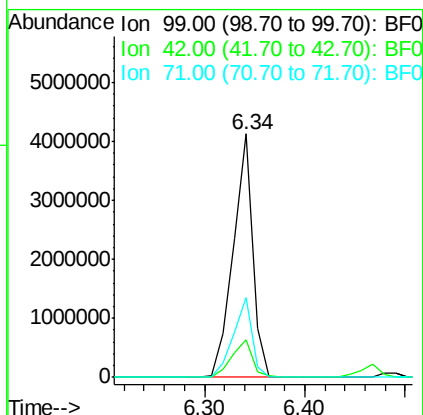
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#8

2-Chlorophenol

Concen: 34.69 ng

RT: 6.49 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

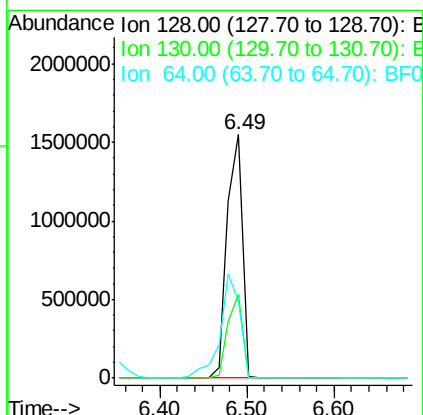
Tgt Ion:128 Resp: 1890590

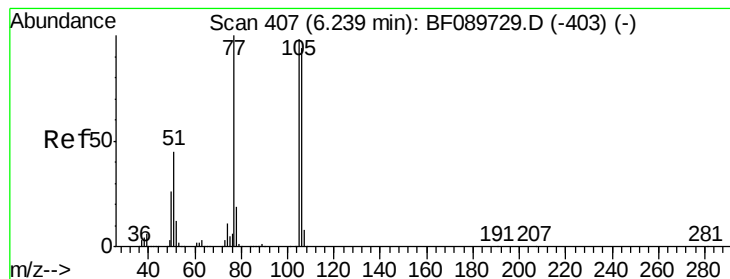
Ion Ratio Lower Upper

128 100

130 34.6 12.0 52.0

64 31.7 35.1 75.1#





#9

Benzaldehyde

Concen: 8.50 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

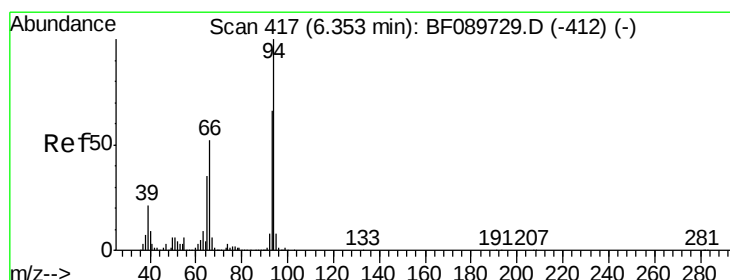
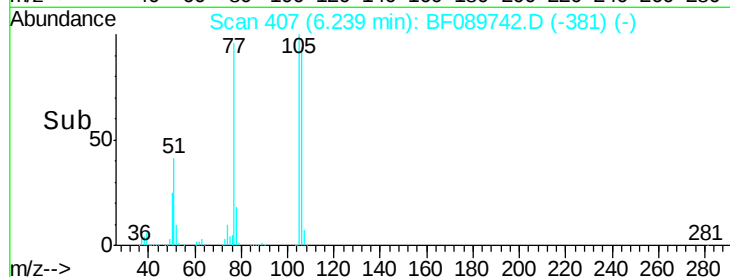
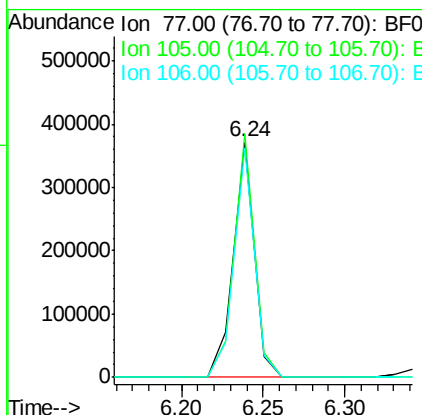
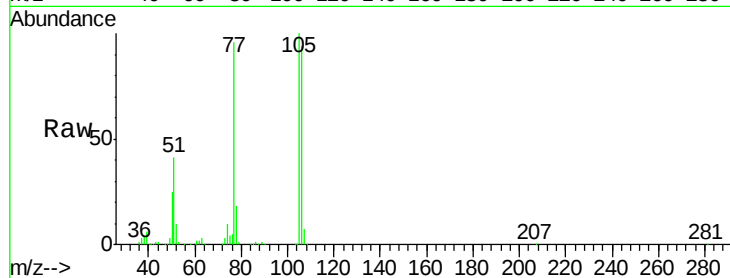
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
77	100		
105	103.7	73.3	113.3
106	98.0	68.6	108.6

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#10

Phenol

Concen: 30.75 ng

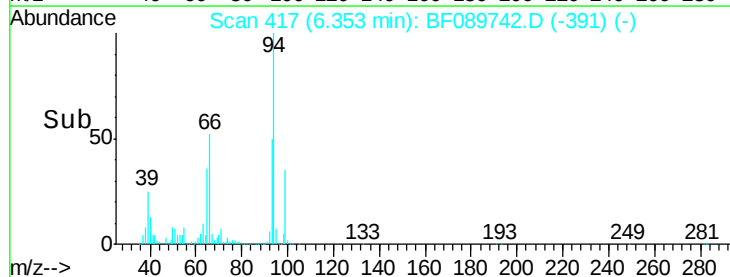
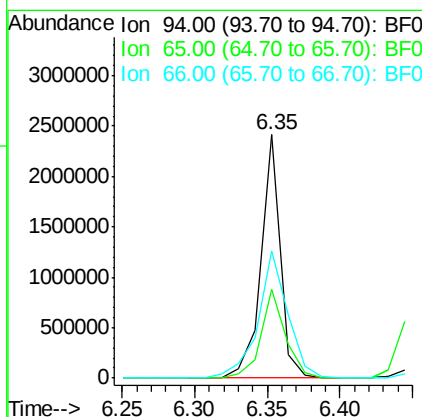
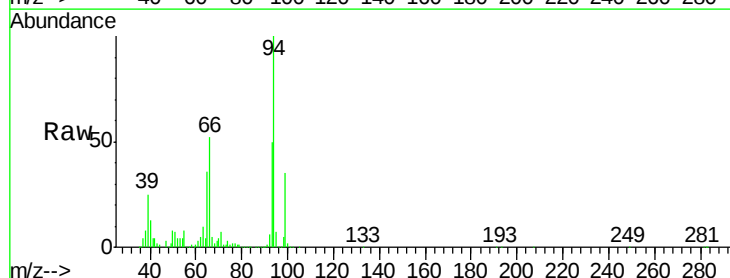
RT: 6.35 min Scan# 417

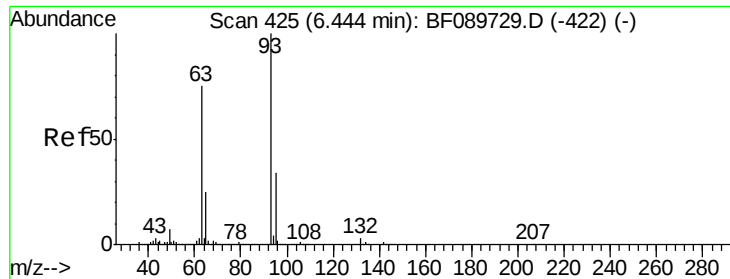
Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
94	100		
65	36.3	14.0	54.0
66	52.2	31.2	71.2





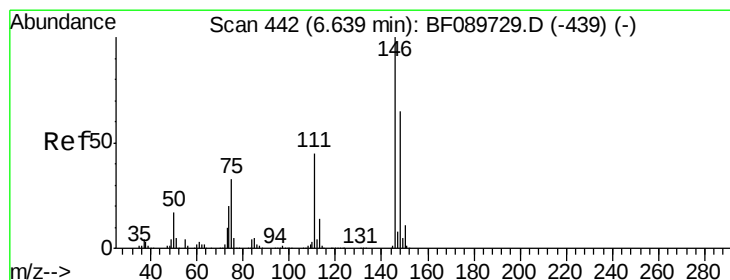
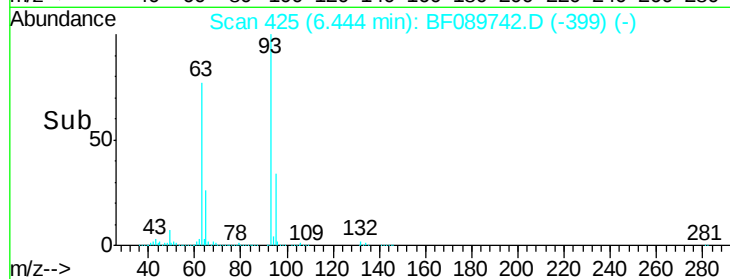
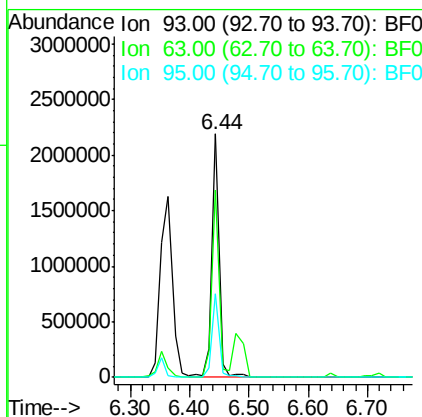
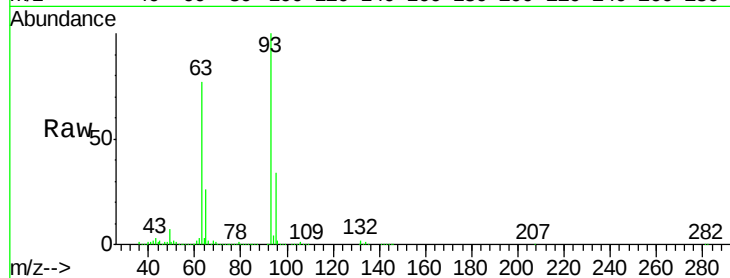
#11
bis(2-Chloroethyl)ether
Concen: 34.14 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampled :
PB92811BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.9	55.8	95.8
95	34.2	13.0	53.0

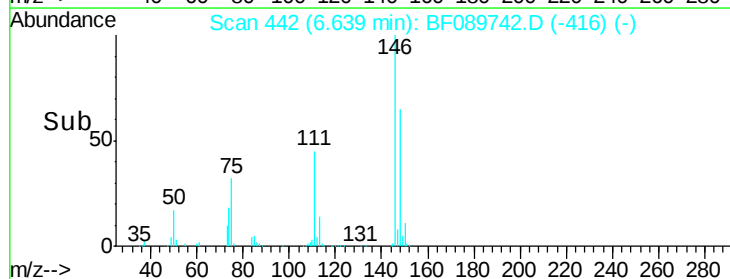
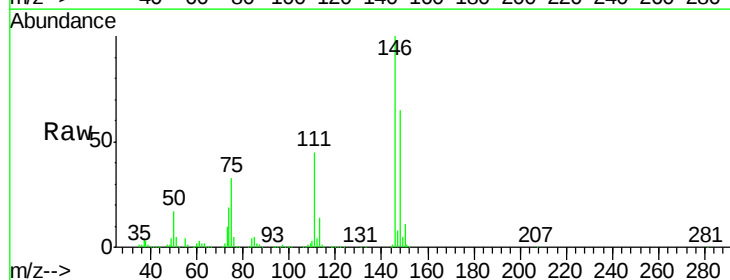
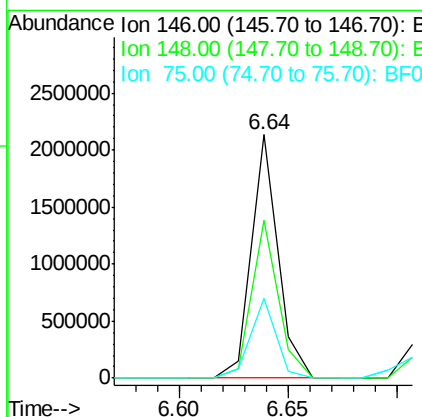
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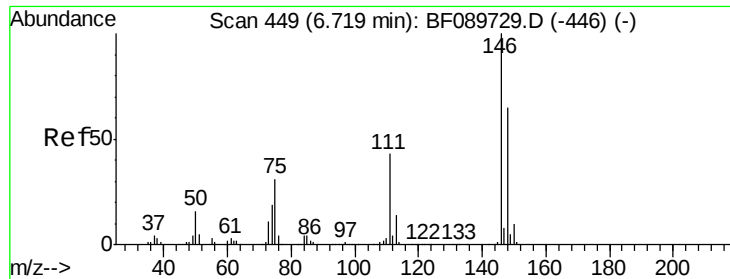
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#12
1,3-Dichlorobenzene
Concen: 31.22 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.0	76.4
75	32.7	27.0	40.6





#13

1,4-Dichlorobenzene

Concen: 33.26 ng

RT: 6.72 min Scan# 449

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:146 Resp: 1962732

Ion Ratio Lower Upper

146 100

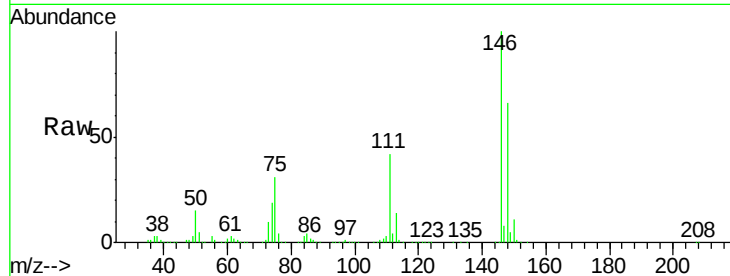
148 65.5 51.0 76.6

111 42.2 34.6 52.0

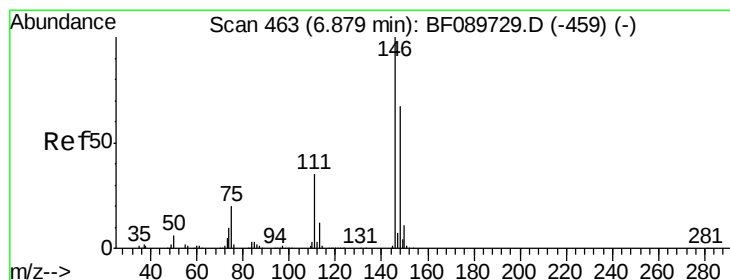
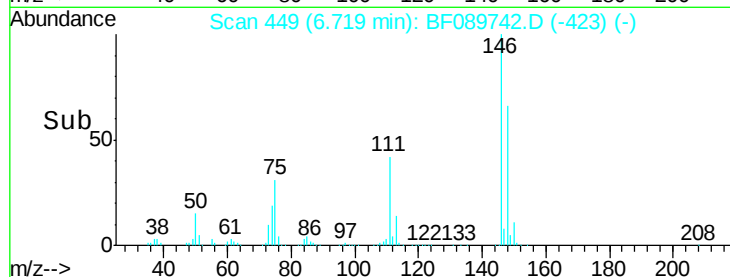
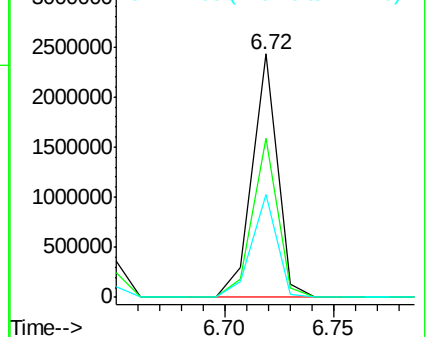
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 30.98 ng

RT: 6.88 min Scan# 463

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

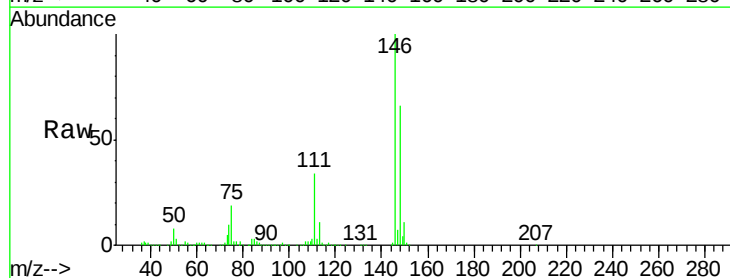
Tgt Ion:146 Resp: 1742992

Ion Ratio Lower Upper

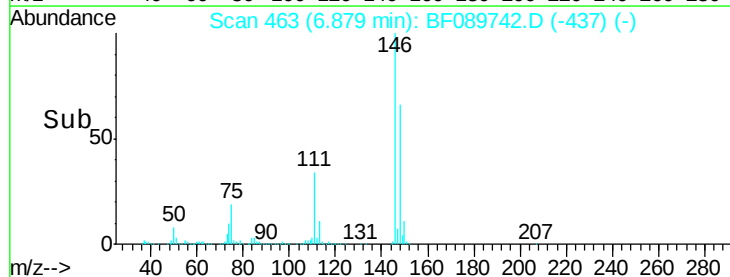
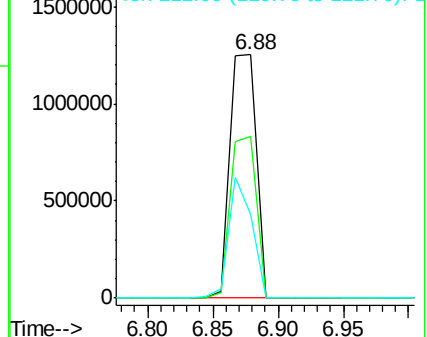
146 100

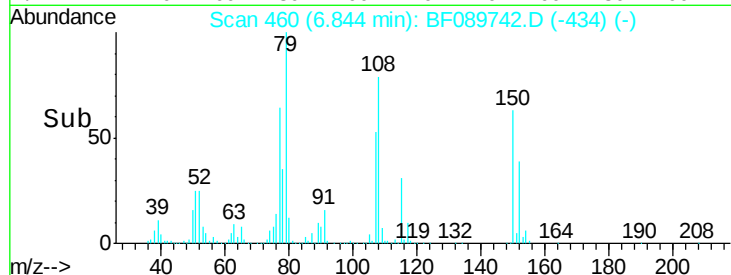
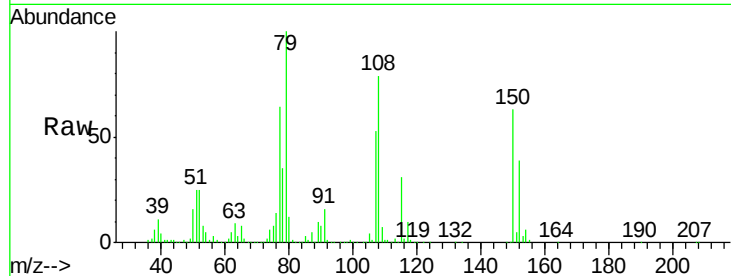
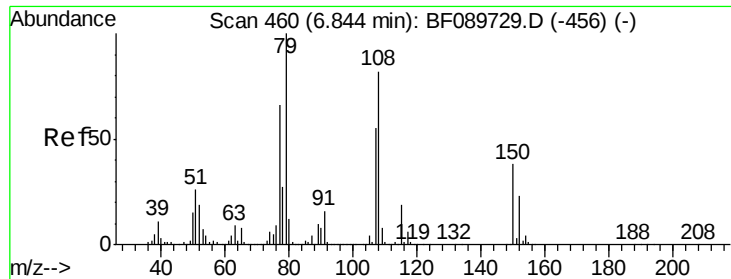
148 66.5 52.2 78.2

111 34.2 29.8 44.6



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





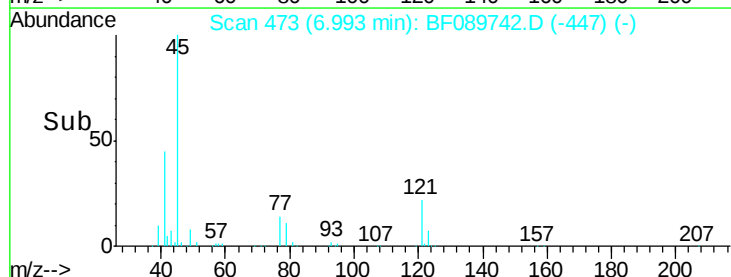
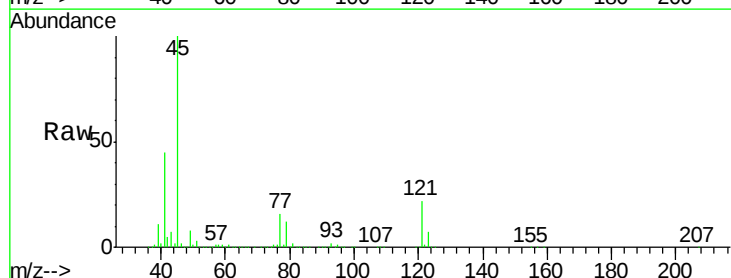
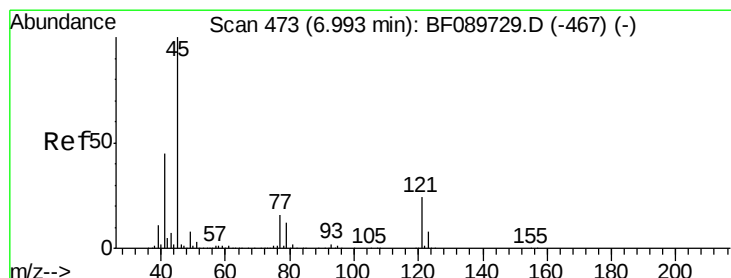
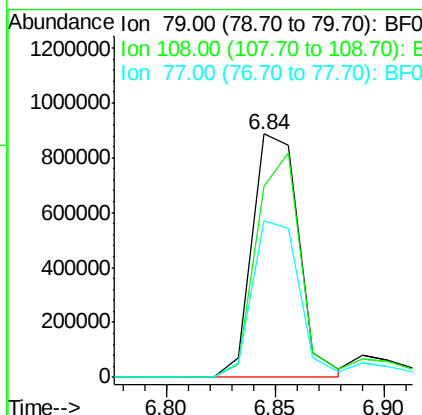
#15
Benzyl Alcohol
Concen: 33.84 ng
RT: 6.84 min Scan# 460
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tot Ion: 79 Resp: 1317799
Ion Ratio Lower Upper
79 100
108 78.7 62.5 93.7
77 64.1 51.5 77.3

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

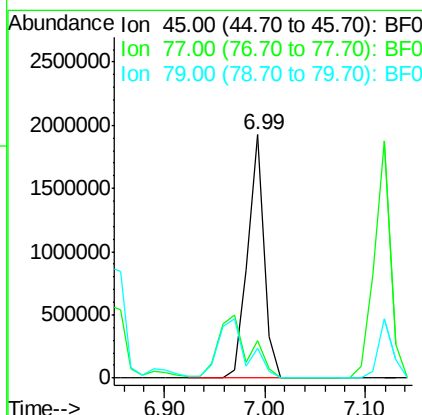
Manual Integrations
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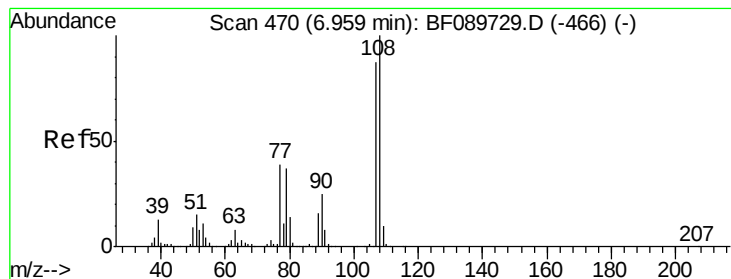
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 30.80 ng
RT: 6.99 min Scan# 473
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion: 45 Resp: 2171826
Ion Ratio Lower Upper
45 100
77 15.6 0.0 33.5
79 12.4 0.0 30.7





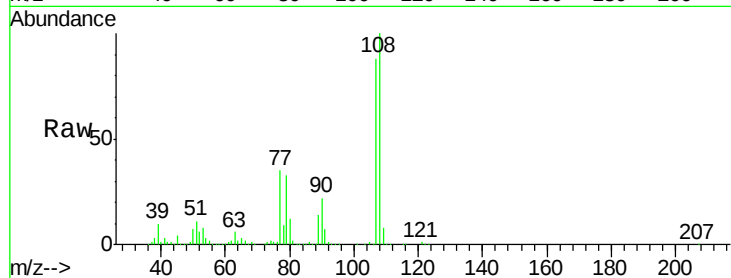
#17
2-Methylphenol
Concen: 38.21 ng
RT: 6.97 min Scan# 471
Delta R.T. 0.01 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.1	91.0	136.4
77	39.9	37.4	56.0
79	37.9	36.6	55.0

Manual Integrations
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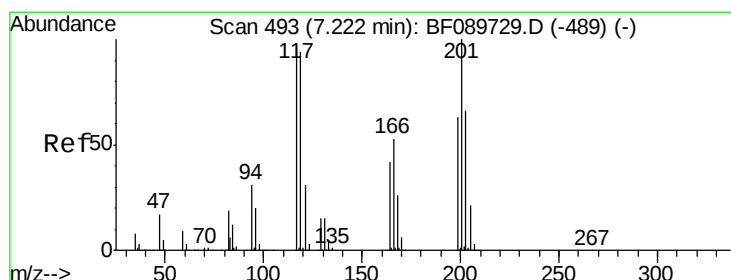
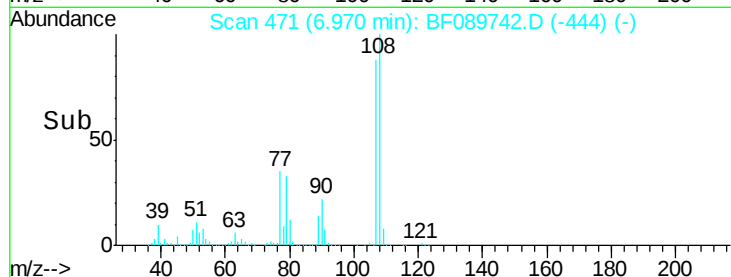
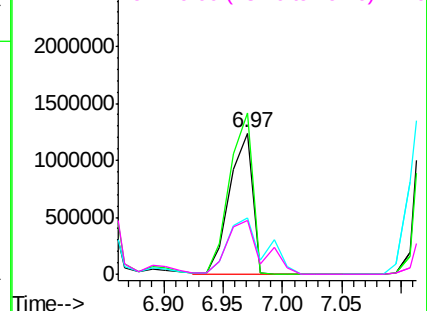
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18
Hexachloroethane
Concen: 34.44 ng
RT: 7.22 min Scan# 493
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

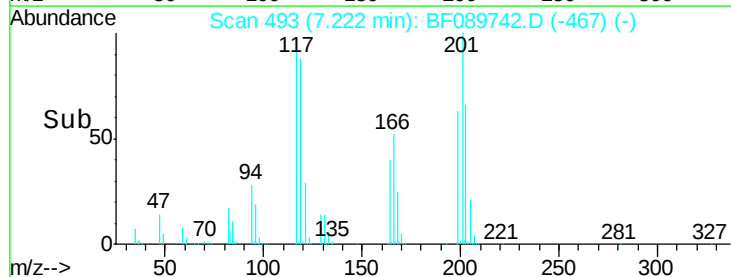
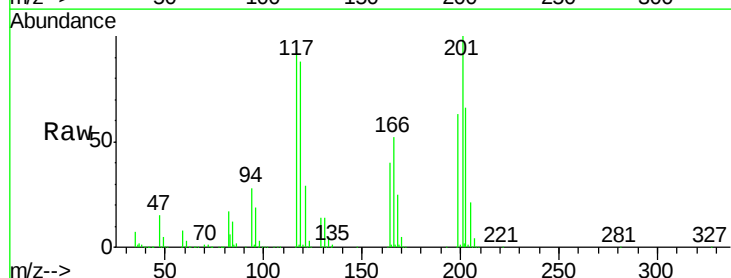
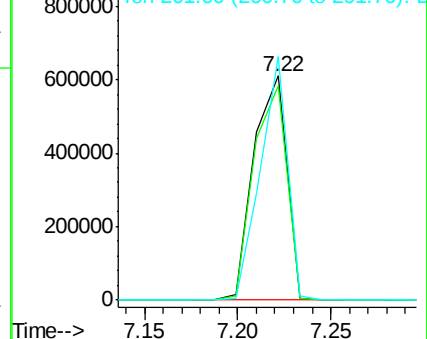
Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.1	115.7
201	108.6	76.9	115.3

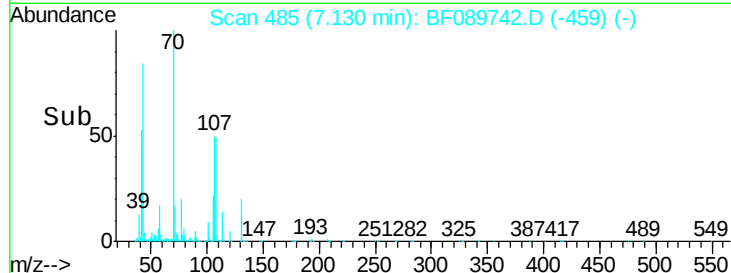
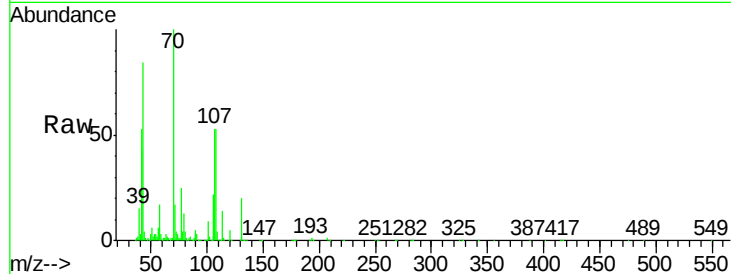
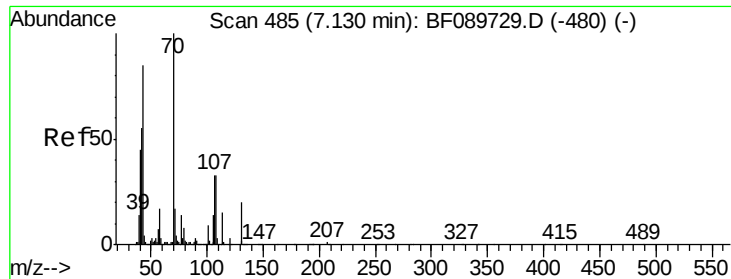
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





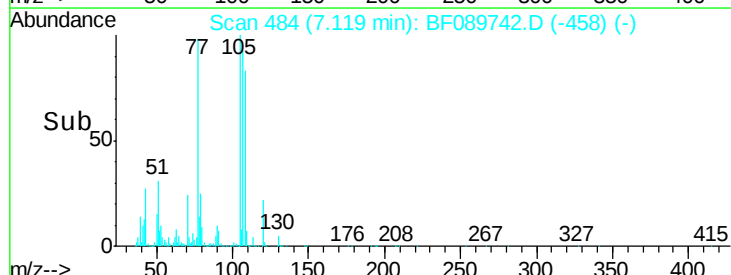
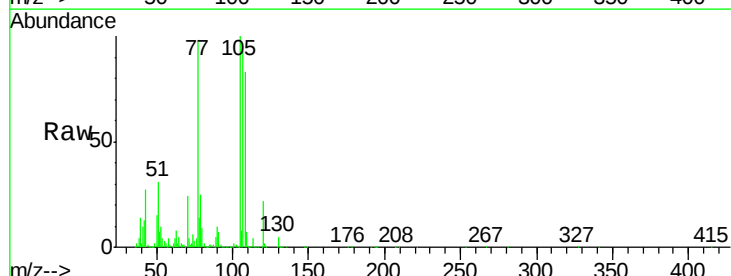
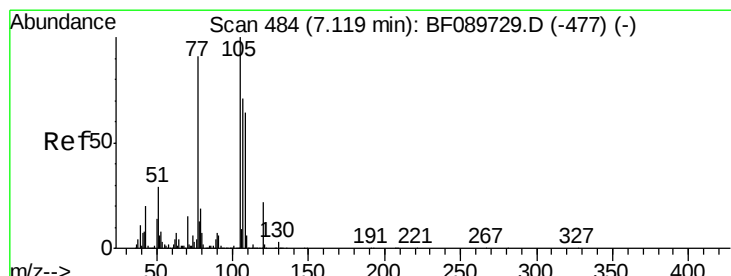
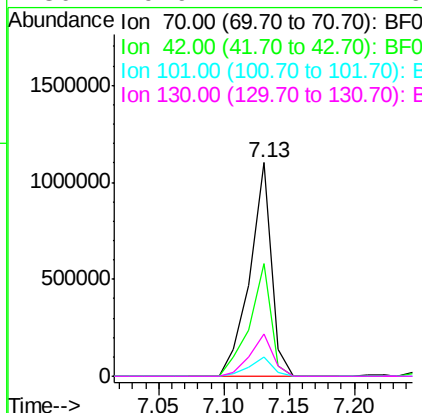
#19
n-Nitroso-di-n-propylamine
Concen: 33.29 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	52.8	46.3	69.5
101	9.2	7.0	10.6
130	19.9	14.4	21.6

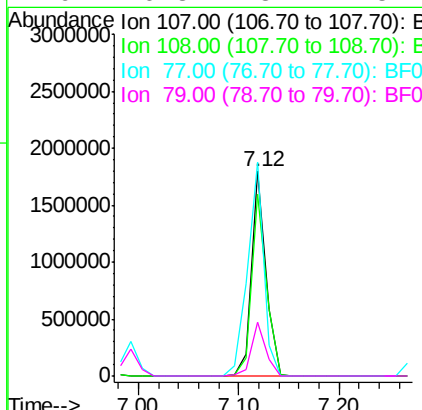
Manual Integrations
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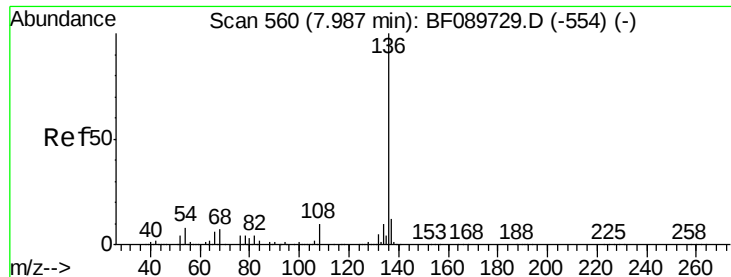
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#20
3+4-Methylphenols
Concen: 32.00 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	68.2	108.2
77	104.6	122.3	162.3
79	26.3	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: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

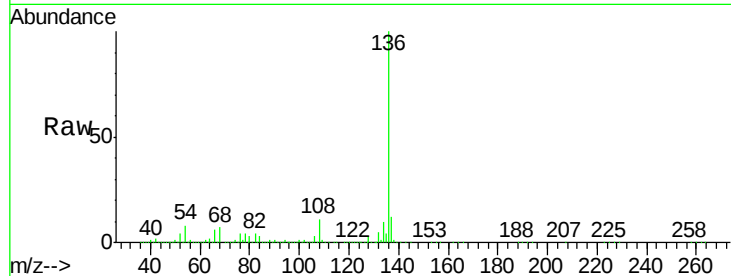
ClientSampleId :

PB92811BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	7.8	7.2	10.8
68	6.7	5.8	8.8

Manual Integrations
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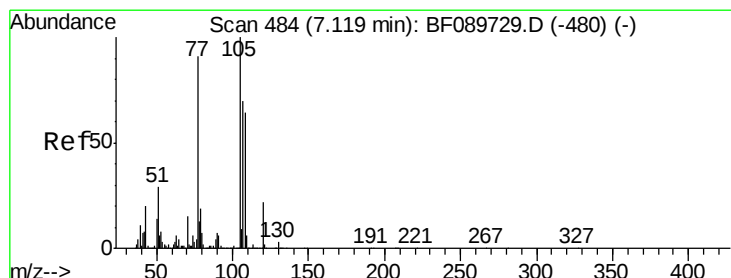
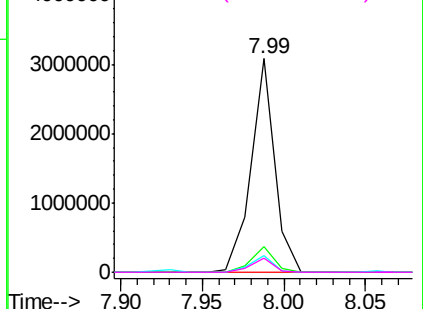
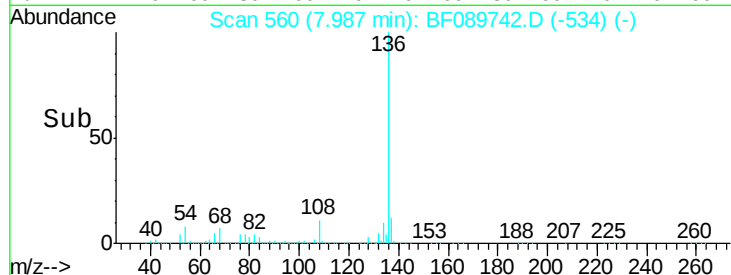


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 30.95 ng

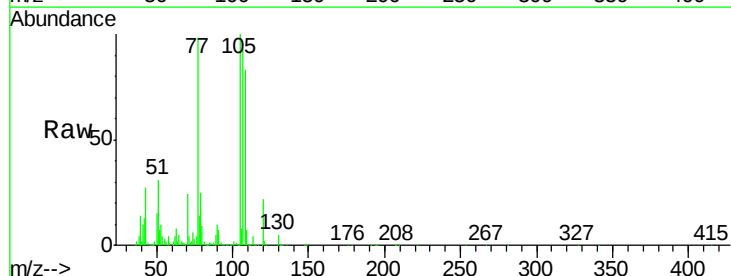
RT: 7.12 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.9	2.9#
51	31.2	28.5	42.7
120	21.9	16.6	25.0

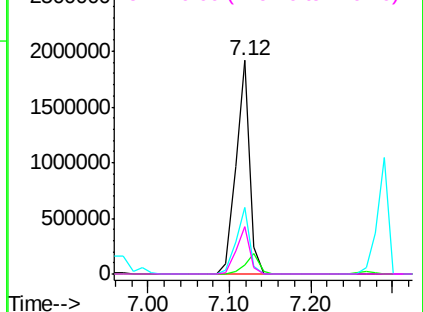
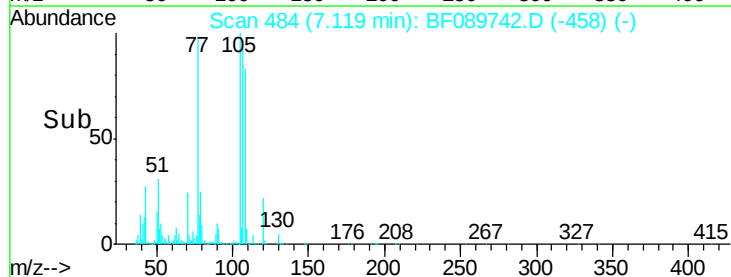


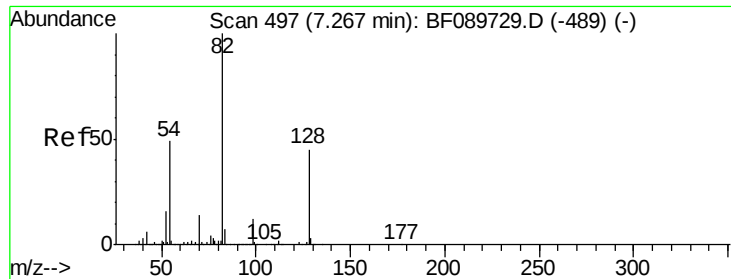
Abundance Ion 105.00 (104.70 to 105.70): E

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





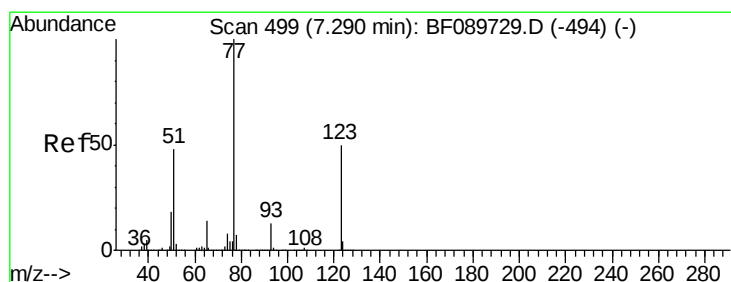
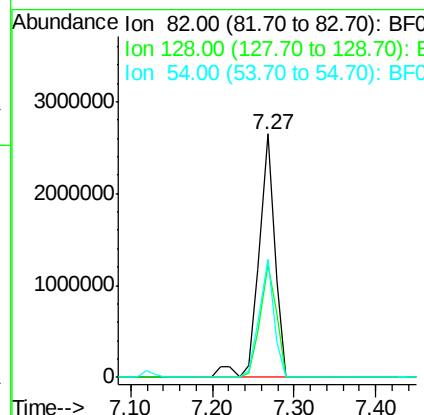
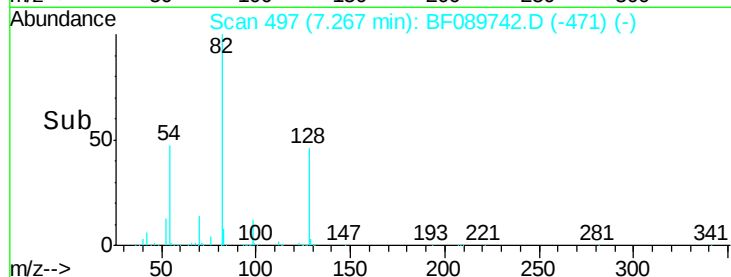
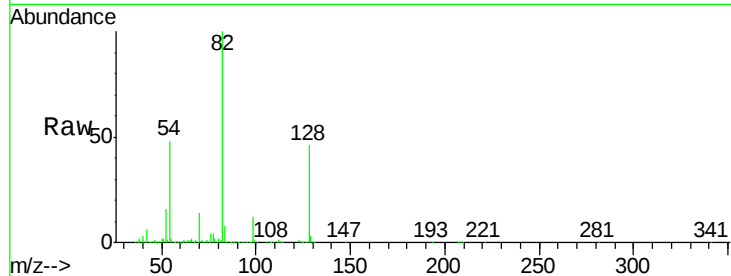
#23
Nitrobenzene-d5
Concen: 71.35 ng
RT: 7.27 min Scan# 497
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion: 82 Resp: 3598140
Ion Ratio Lower Upper
82 100
128 46.2 34.4 51.6
54 48.5 40.3 60.5

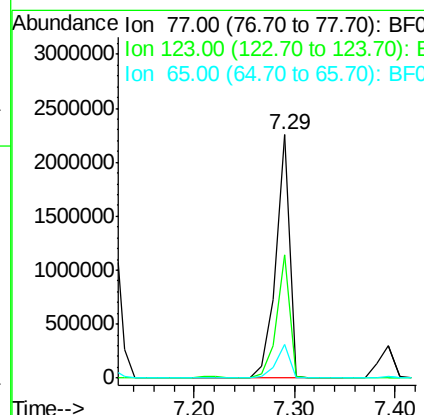
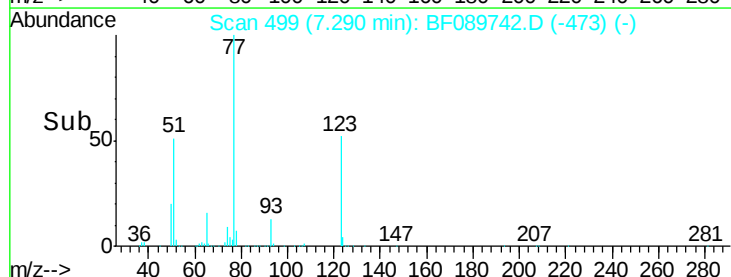
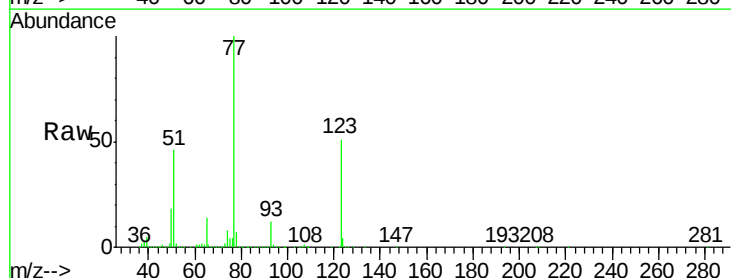
Manual Integrations
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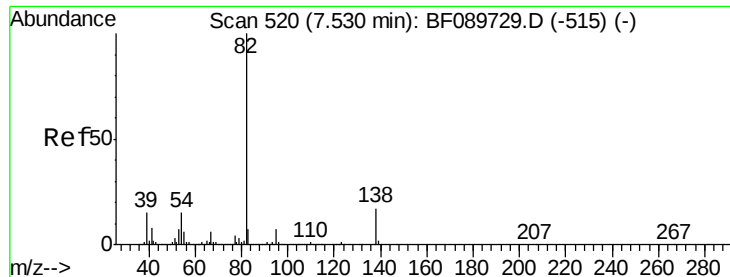
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#24
Nitrobenzene
Concen: 37.58 ng
RT: 7.29 min Scan# 499
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion: 77 Resp: 2131609
Ion Ratio Lower Upper
77 100
123 50.9 36.2 54.2
65 13.9 10.6 15.8





#25

Isophorone

Concen: 35.48 ng

RT: 7.53 min Scan# 520

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion: 82 Resp: 3579492

Ion Ratio Lower Upper

82 100

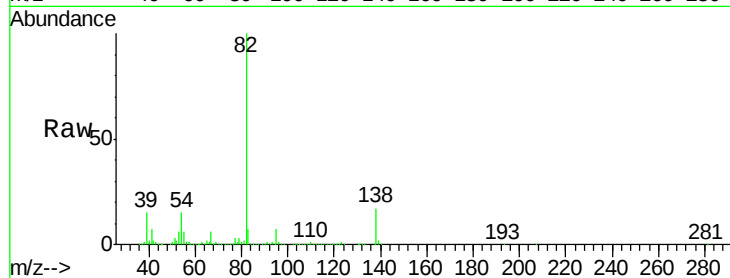
95 6.6 5.3 7.9

138 16.8 13.0 19.4

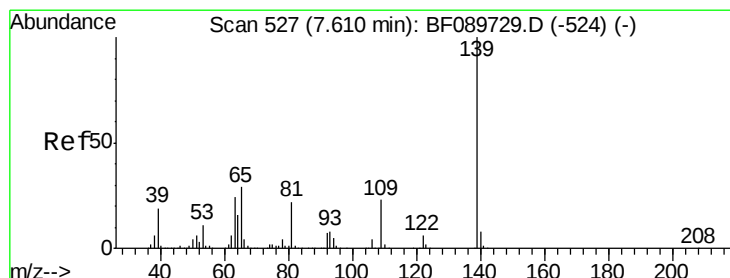
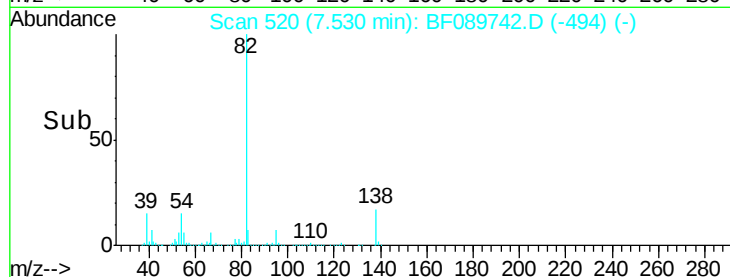
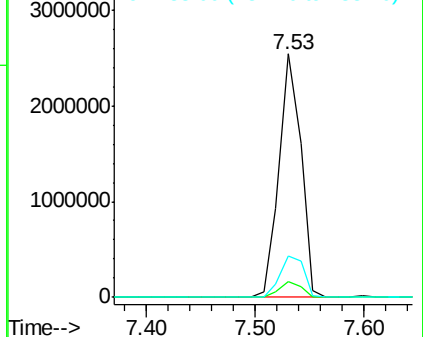
Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 37.09 ng

RT: 7.61 min Scan# 527

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

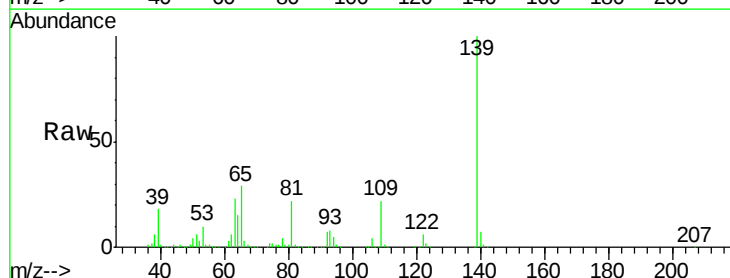
Tgt Ion: 139 Resp: 990005

Ion Ratio Lower Upper

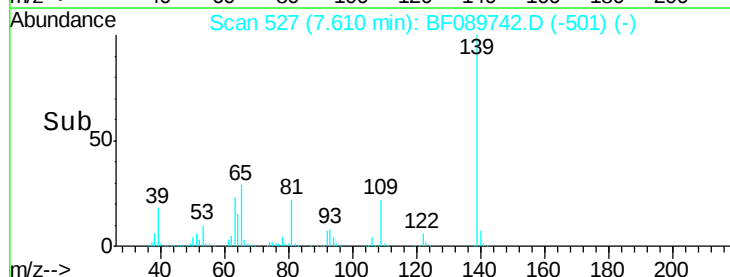
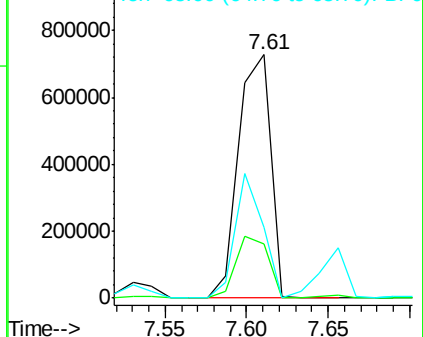
139 100

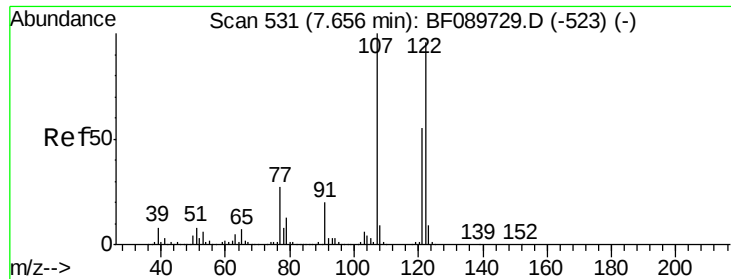
109 22.0 19.5 29.3

65 29.1 26.5 39.7



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 39.43 ng

RT: 7.66 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampled :

PB92811BSD

Tot Ion:122 Resp: 1994813

Ion Ratio Lower Upper

122 100

107 105.8 84.8 127.2

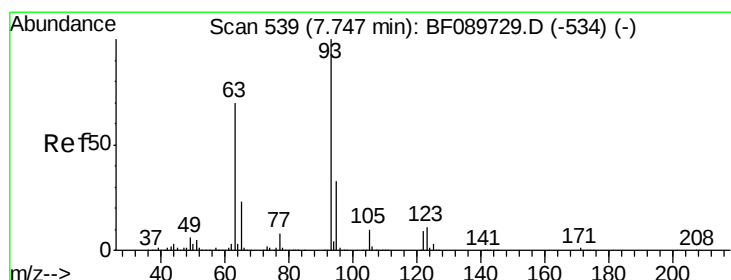
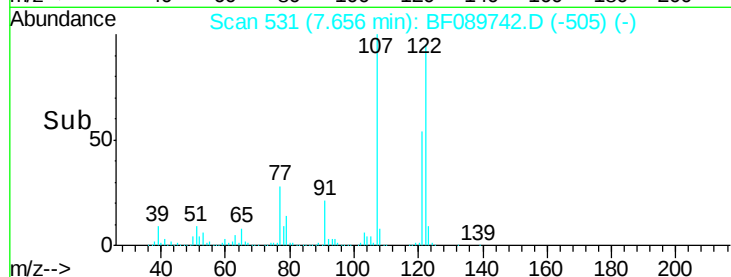
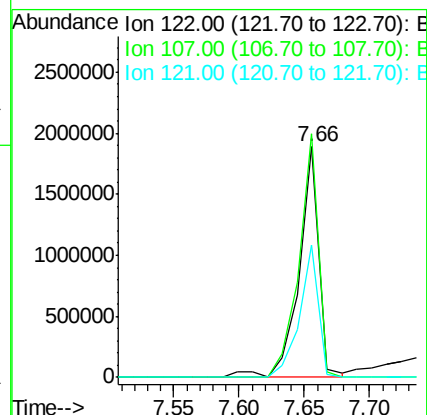
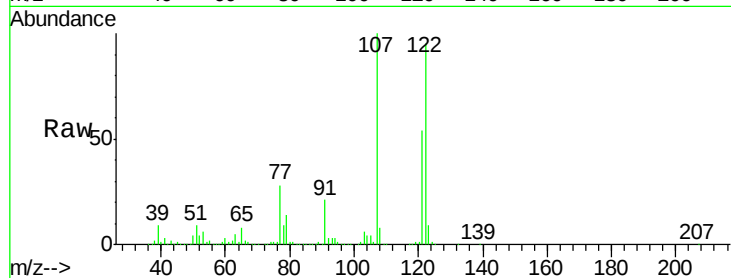
121 57.2 47.0 70.6

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#28

bis(2-Chloroethoxy)methane

Concen: 35.18 ng

RT: 7.75 min Scan# 539

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

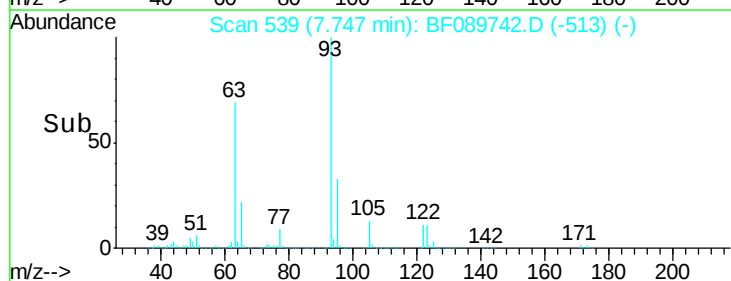
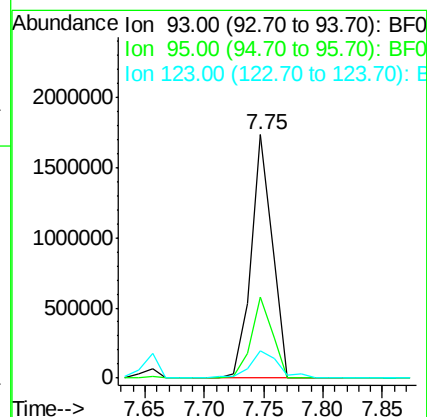
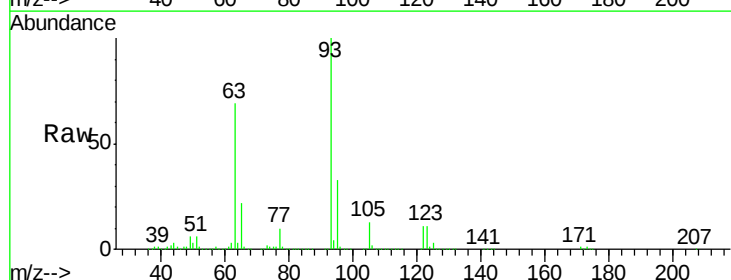
Tgt Ion: 93 Resp: 2156905

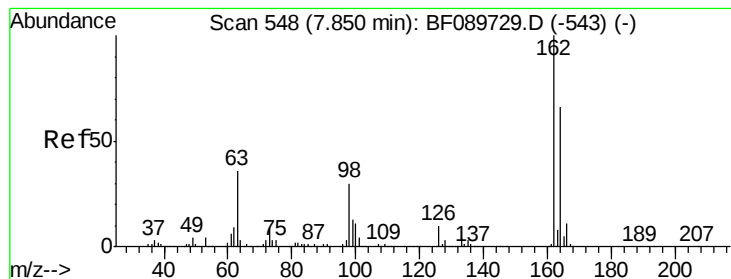
Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 11.0 8.5 12.7





#29

2,4-Dichlorophenol

Concen: 40.06 ng

RT: 7.85 min Scan# 548

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:162 Resp: 1687112

Ion Ratio Lower Upper

162 100

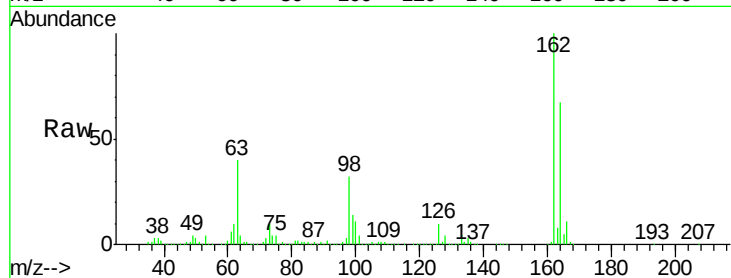
164 67.1 45.5 85.5

98 32.2 12.4 52.4

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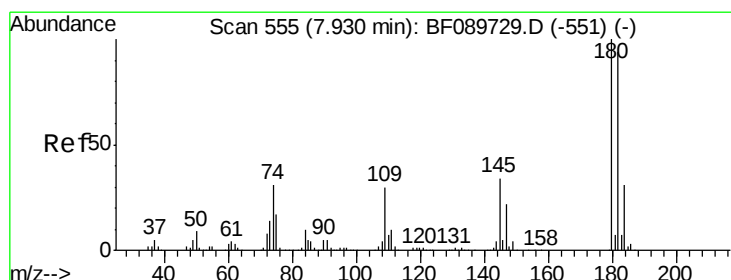
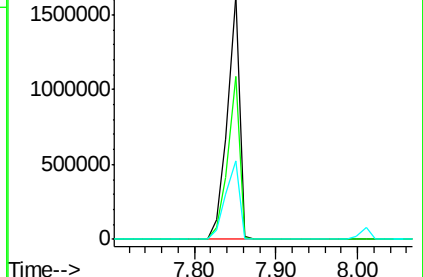
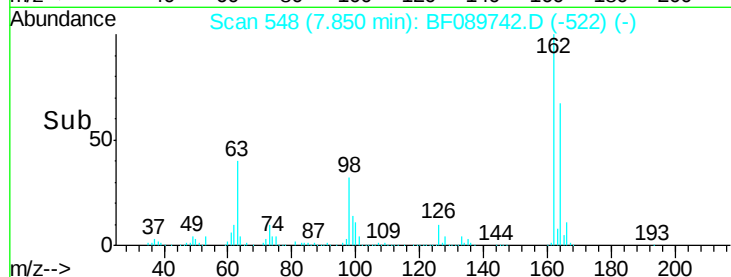
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Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 33.83 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

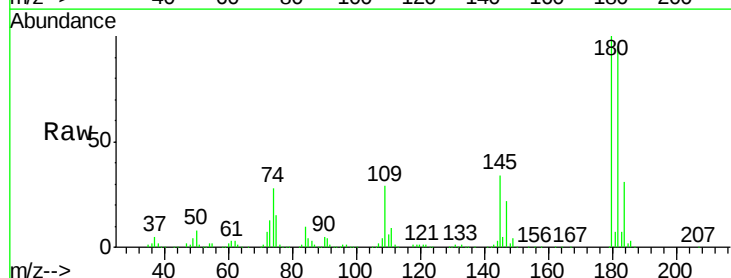
Tgt Ion:180 Resp: 1529620

Ion Ratio Lower Upper

180 100

182 95.3 75.5 113.3

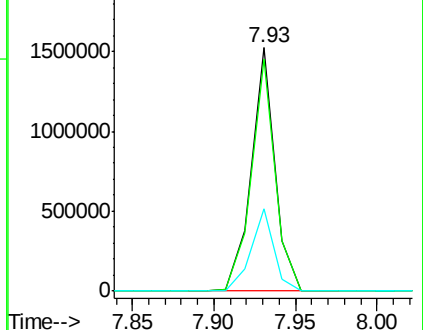
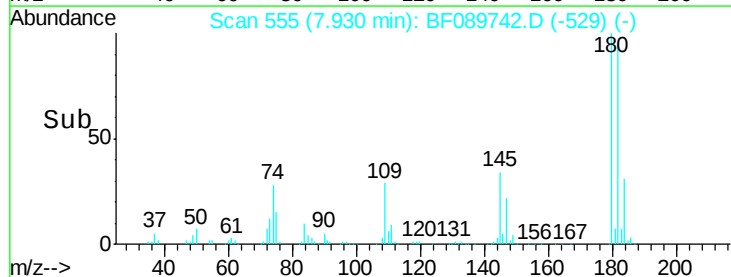
145 33.9 28.7 43.1

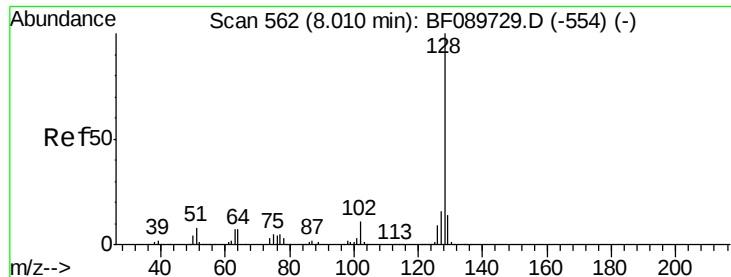


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 34.79 ng

RT: 8.01 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:128 Resp: 4808103

Ion Ratio Lower Upper

128 100

129 13.8 9.5 14.3

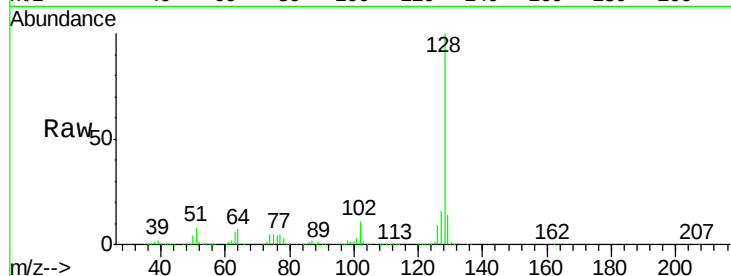
127 16.1 11.3 16.9

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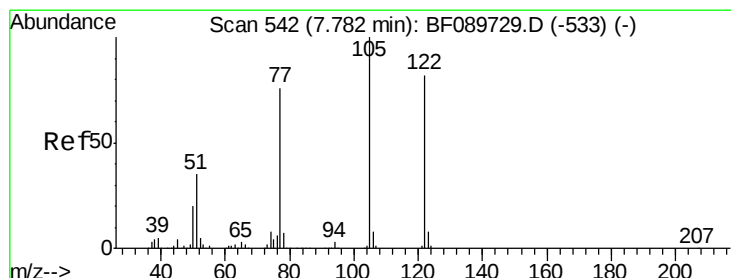
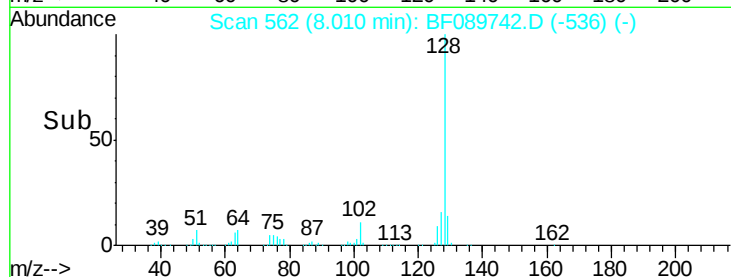
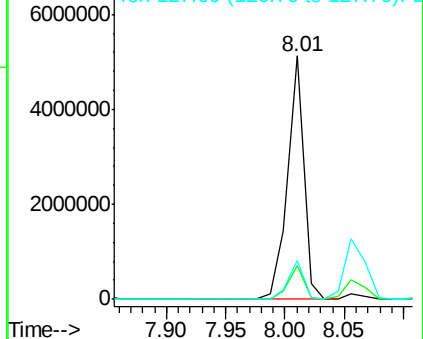
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 28.61 ng

RT: 7.78 min Scan# 542

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

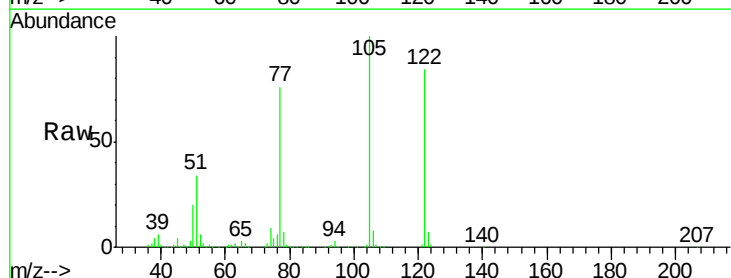
Tgt Ion:122 Resp: 1125176

Ion Ratio Lower Upper

122 100

105 119.5 100.8 140.8

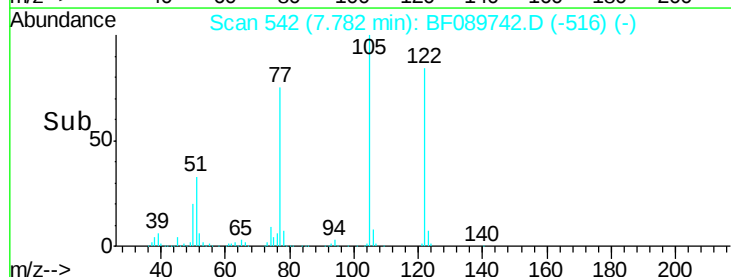
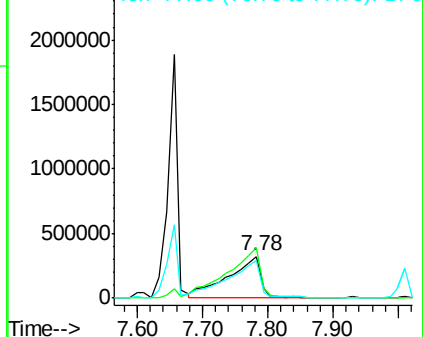
77 90.4 72.1 112.1

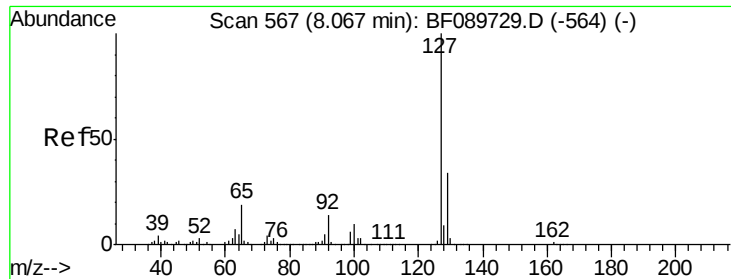


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





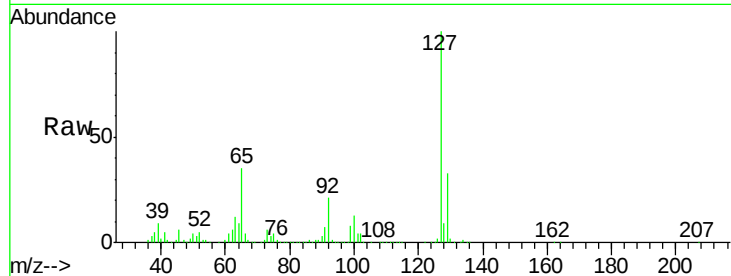
#33
4-Chloroaniline
Concen: 25.10 ng
RT: 8.06 min Scan# 566
Delta R.T. -0.01 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

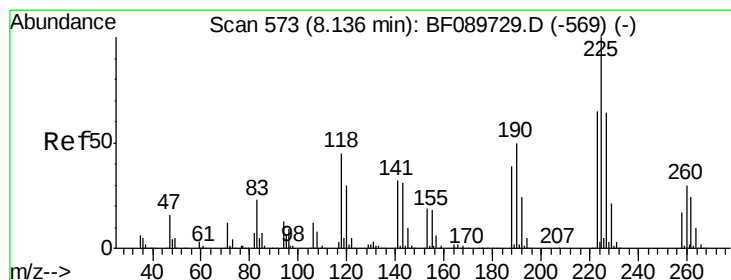
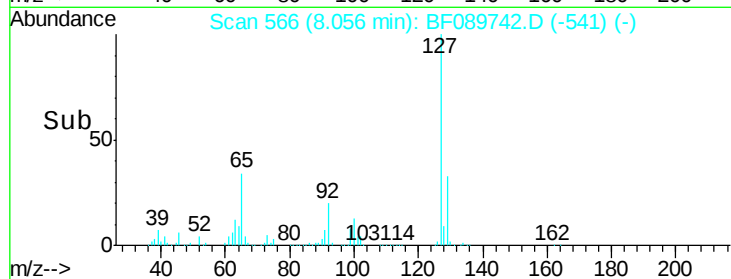
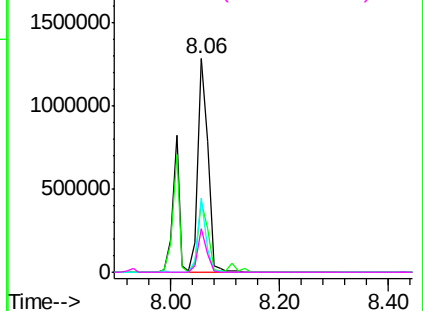
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	27.0	40.6
65	34.6	14.7	22.1#
92	20.5	11.7	17.5#

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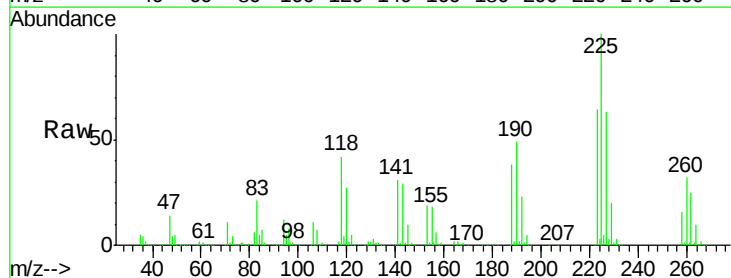


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

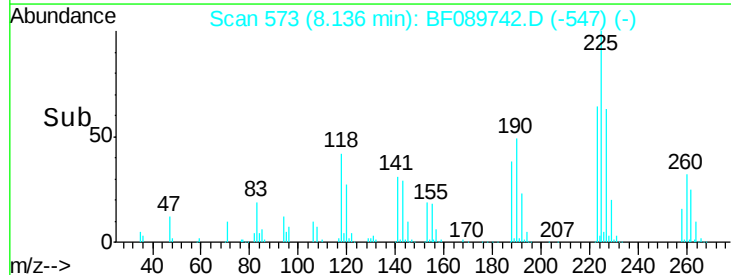
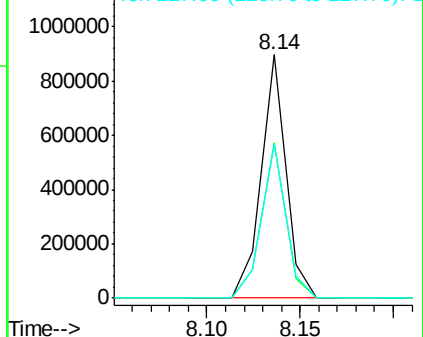


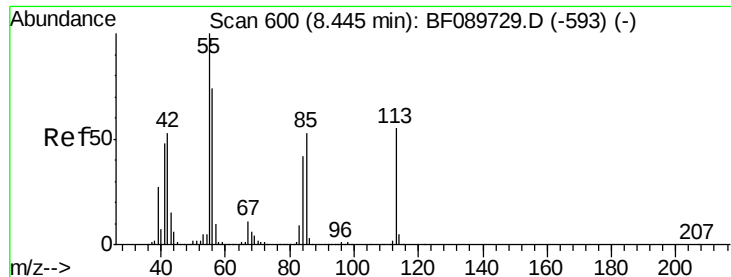
#34
Hexachlorobutadiene
Concen: 34.44 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.0	76.6
227	63.3	49.8	74.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





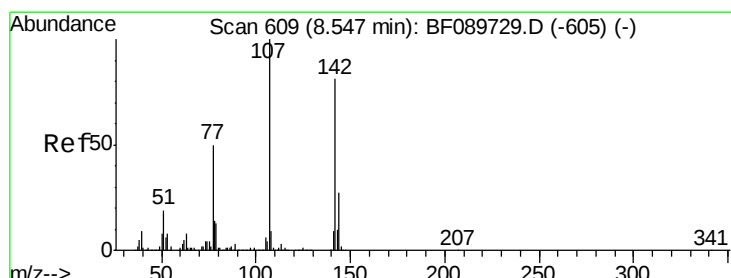
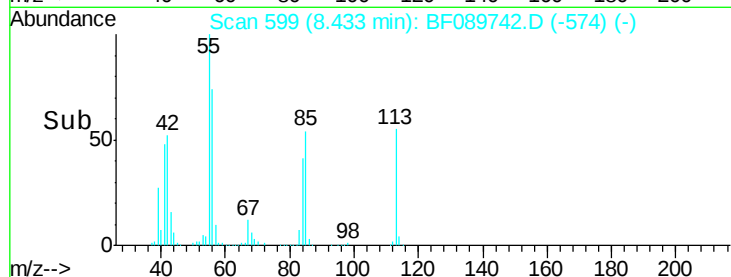
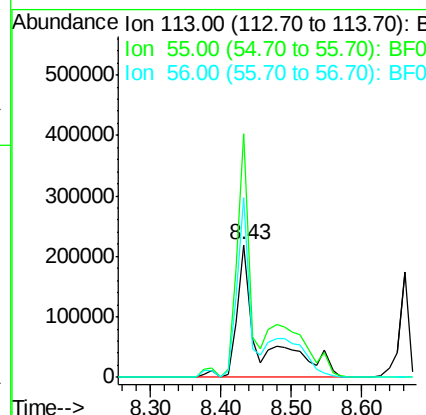
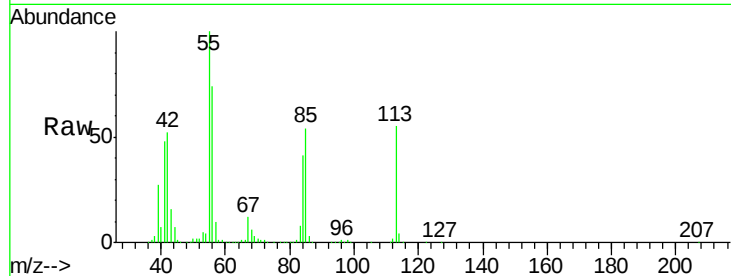
#35
 Caprolactam
 Concen: 40.07 ng/ml
 RT: 8.43 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleID :
 PB92811BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.3	135.9	175.9#
56	135.2	93.9	133.9#

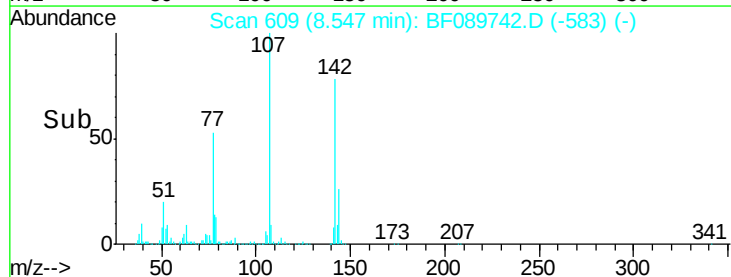
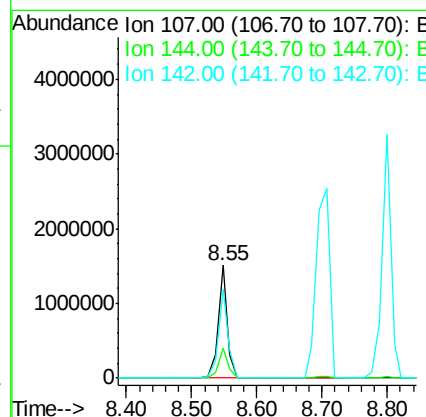
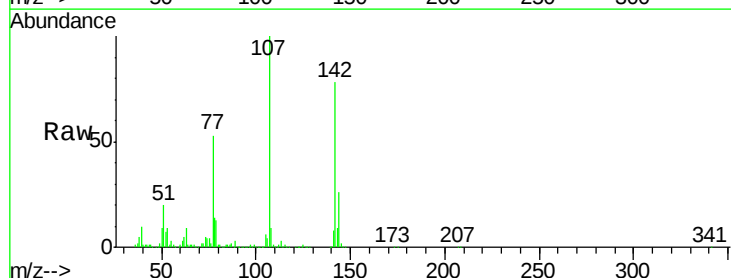
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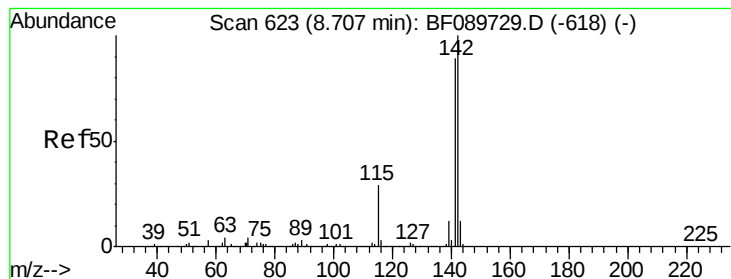
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#36
 4-Chloro-3-methylphenol
 Concen: 33.20 ng/ml
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	22.6	34.0
142	78.5	69.3	103.9





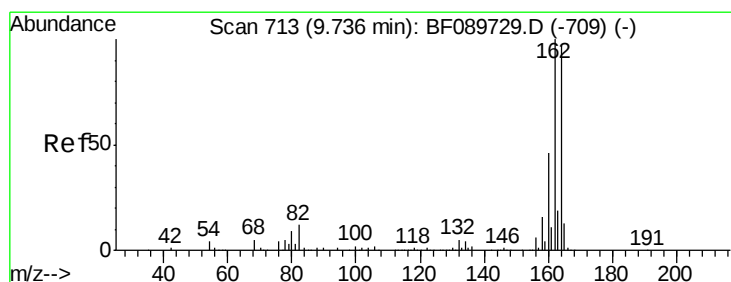
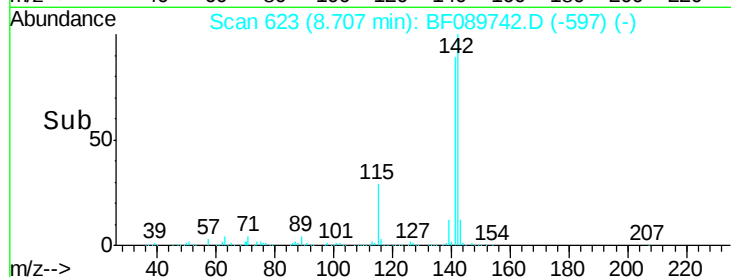
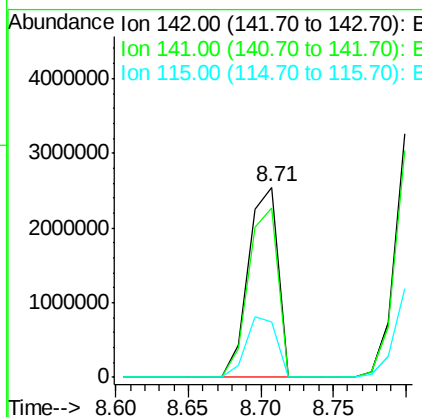
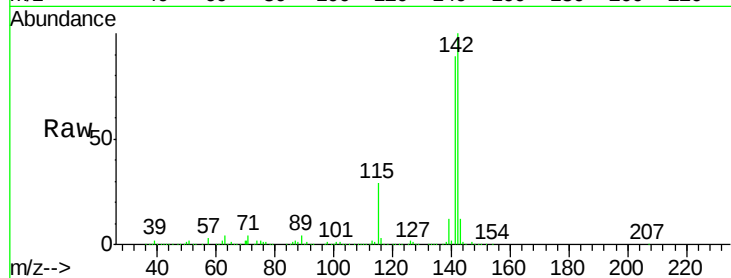
#37
2-Methylnaphthalene
Concen: 38.20 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion:142 Resp: 3593805
Ion Ratio Lower Upper
142 100
141 89.4 71.4 107.2
115 29.4 22.7 34.1

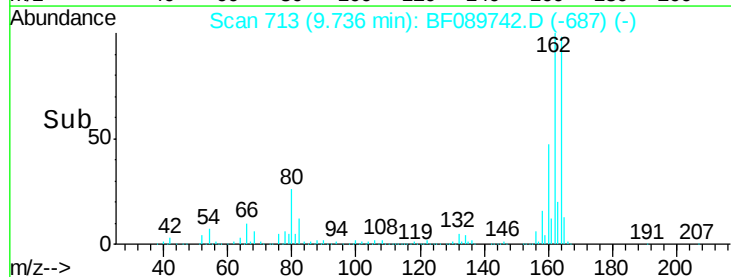
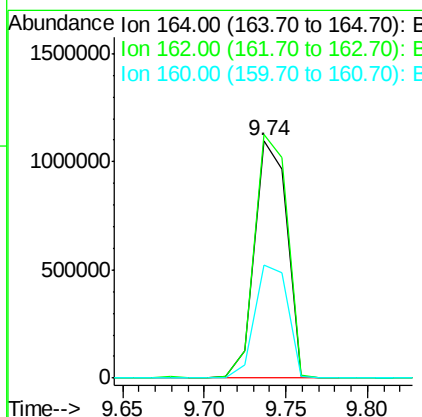
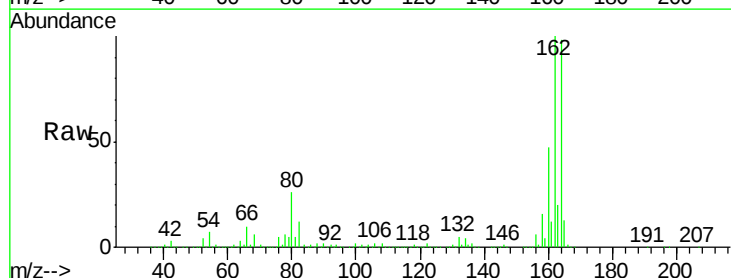
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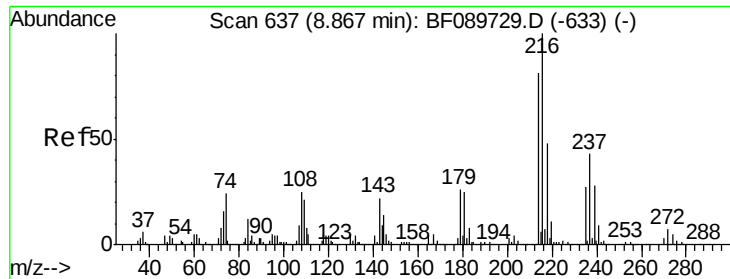
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion:164 Resp: 1512039
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.2
160 47.8 37.8 56.6





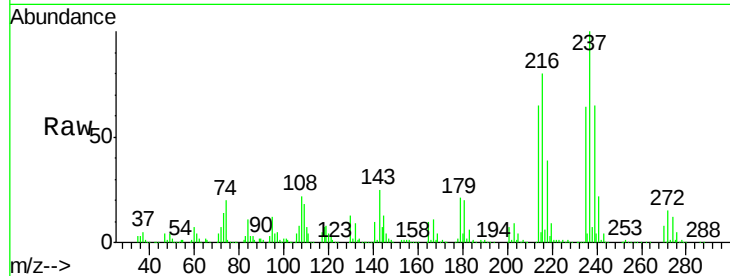
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 22.33 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

Tot Ion:	216	Resp:	1085701
Ion Ratio		Lower	Upper
216	100		
214	79.7	63.5	95.3
179	23.8	19.9	29.9
108	27.9	19.9	29.9

Manual Integrations
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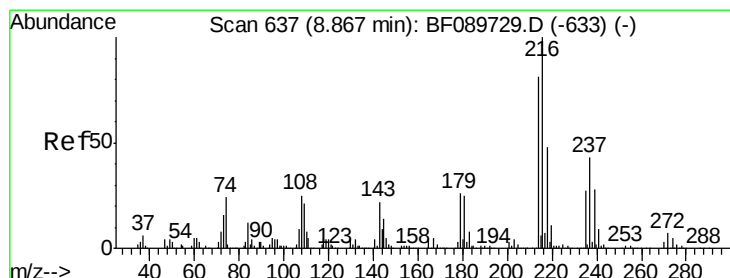
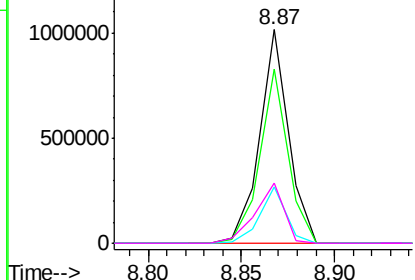
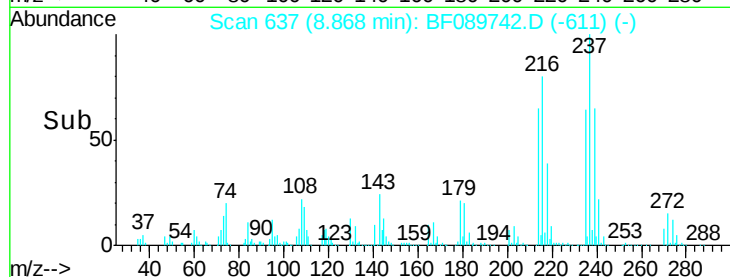
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

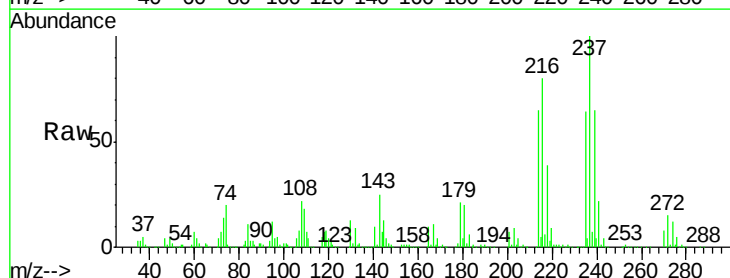
Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40
 Hexachlorocyclopentadiene
 Concen: 77.71 ng
 RT: 8.87 min Scan# 637
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion:	237	Resp:	1683493
Ion Ratio		Lower	Upper
237	100		
235	63.7	43.7	83.7
272	15.4	0.0	31.6

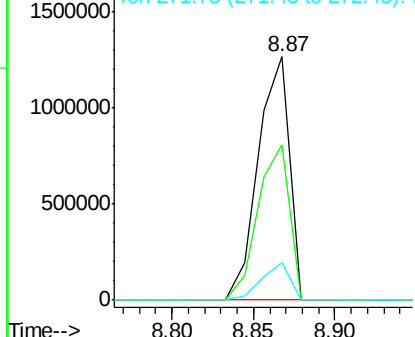
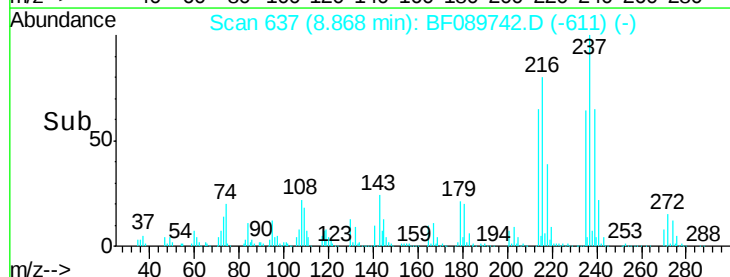


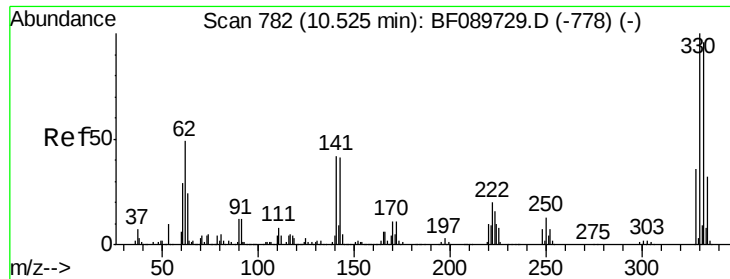
Abundance

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





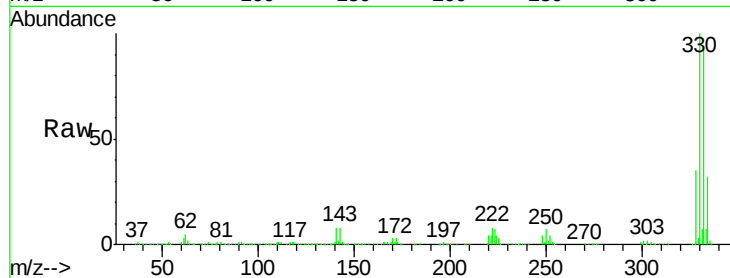
#41
 2,4,6-Tribromophenol
 Concen: 109.94 ng
 RT: 10.54 min Scan# 783
 Delta R.T. 0.01 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

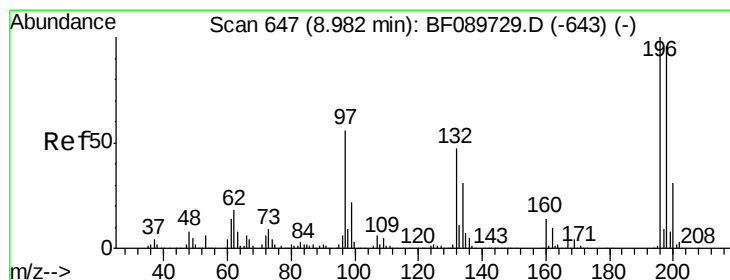
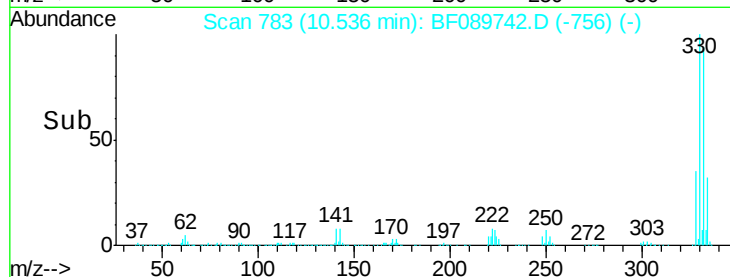
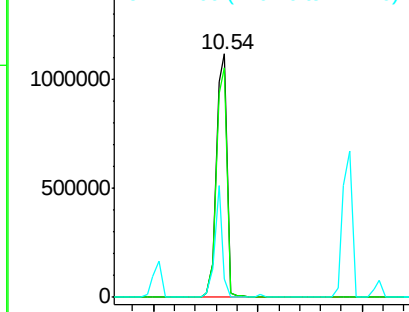
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.7	115.1
141	32.3	30.2	45.2

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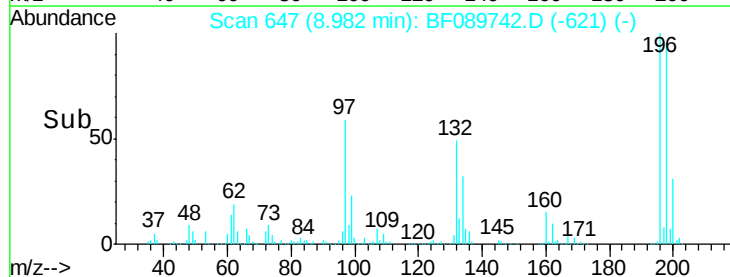
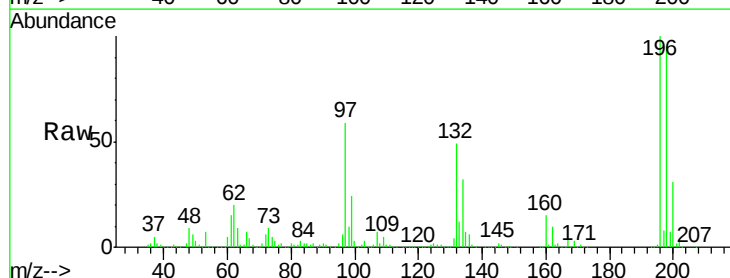
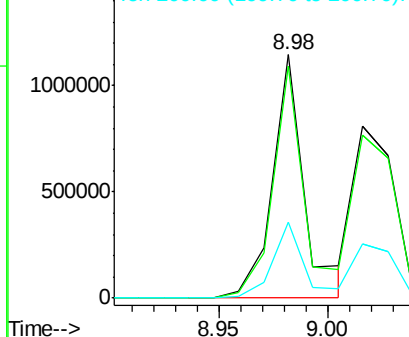
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

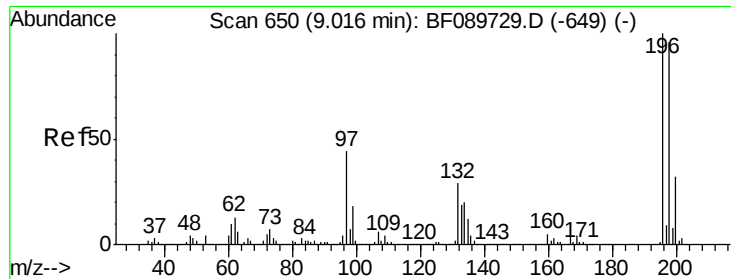


#42
 2,4,6-Trichlorophenol
 Concen: 37.33 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.1	76.3	114.5
200	31.1	24.6	36.8

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E





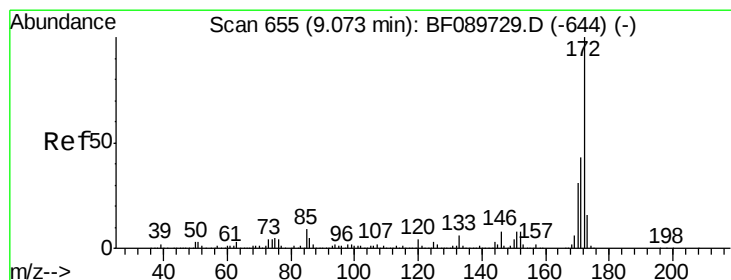
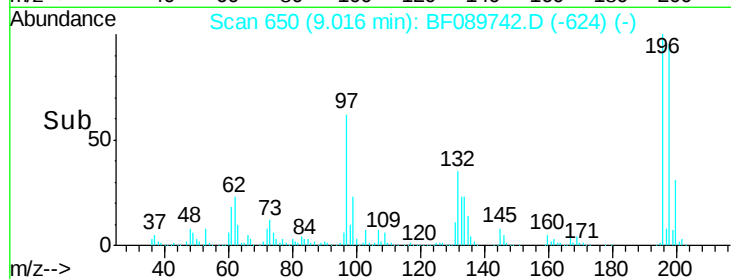
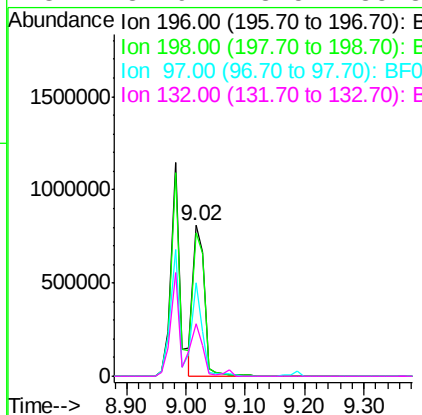
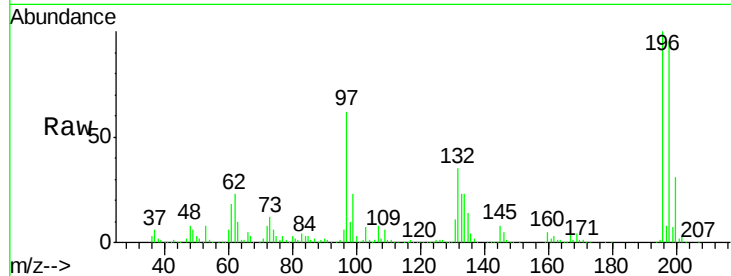
#43
 2,4,5-Trichlorophenol
 Concen: 36.39 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	1089551		
198	95.0	76.6	114.8	
97	61.9	35.8	53.8	
132	34.9	23.5	35.3	

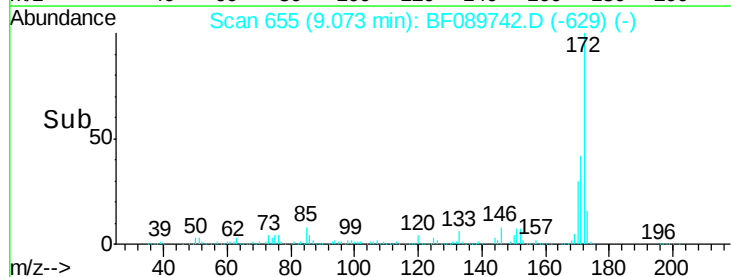
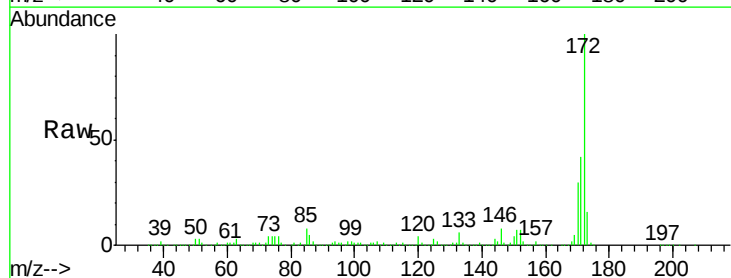
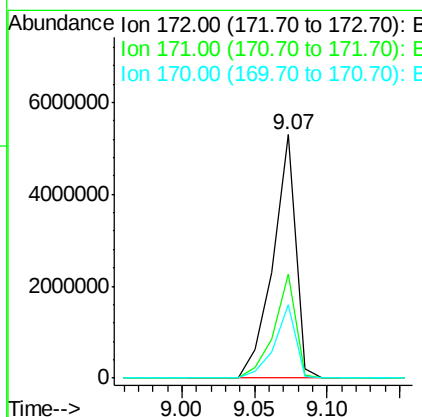
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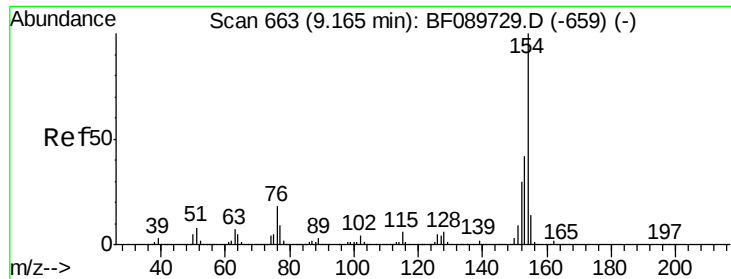
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#44
 2-Fluorobiphenyl
 Concen: 61.50 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	5795436		
171	42.5	30.5	45.7	
170	29.9	20.6	31.0	





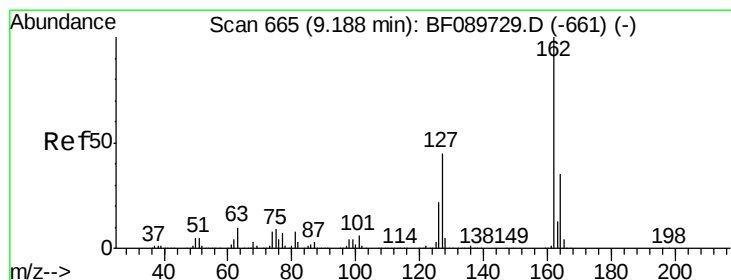
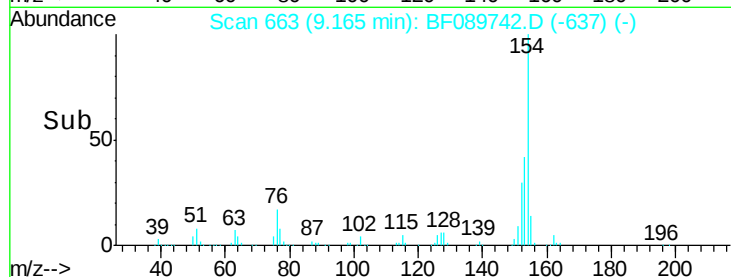
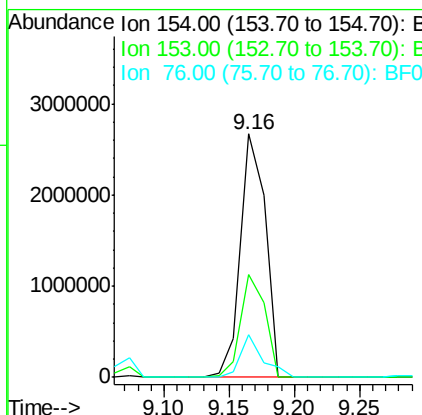
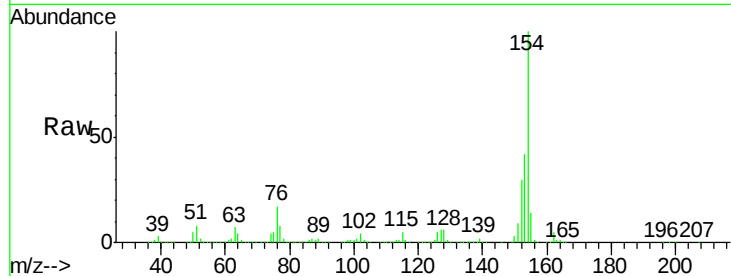
#45
 1,1'-Biphenyl
 Concen: 28.17 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.1	21.5	61.5
76	17.4	0.0	36.7

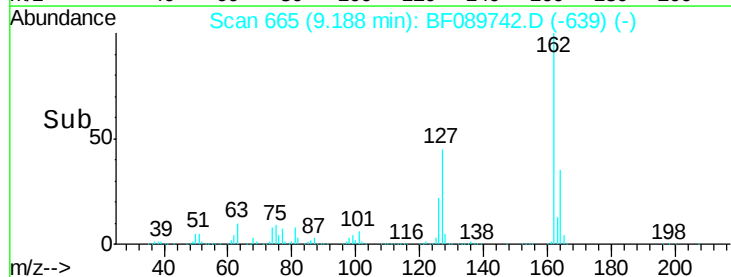
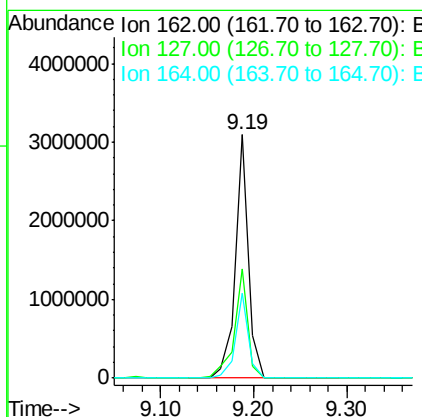
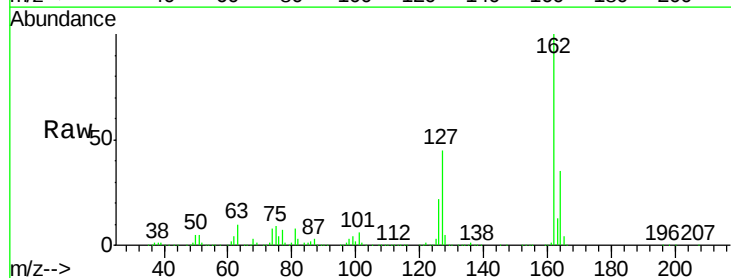
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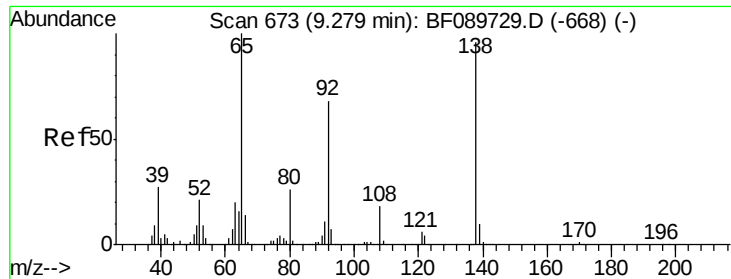
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#46
 2-Chloronaphthalene
 Concen: 32.31 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
162	100		
127	44.7	35.5	53.3
164	35.0	26.6	40.0





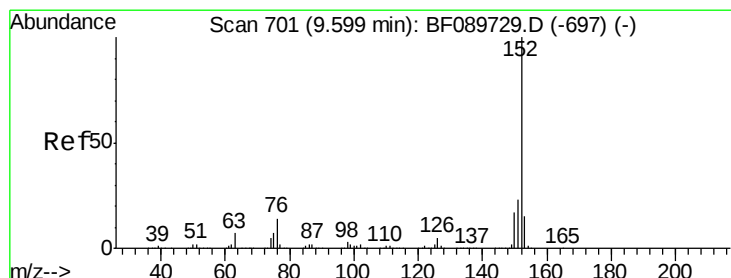
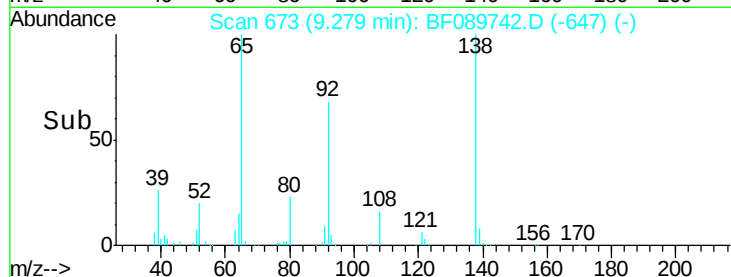
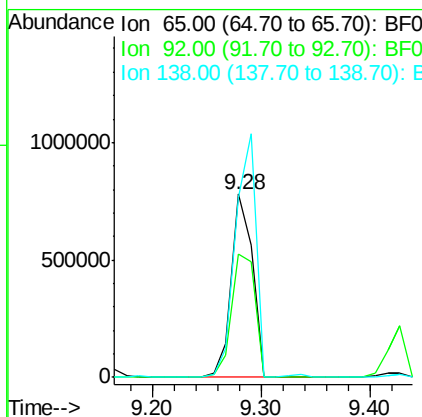
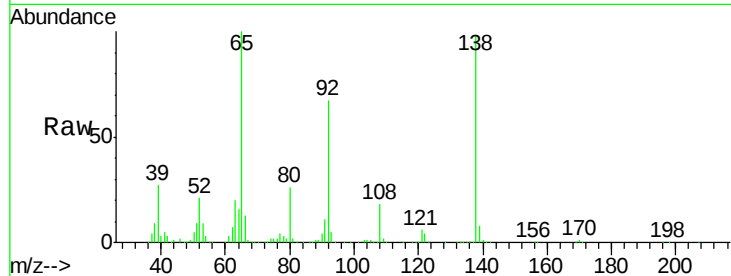
#47
2-Nitroaniline
Concen: 36.27 ng
RT: 9.28 min Scan# 673
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.2	56.3	84.5
138	98.3	81.8	122.8

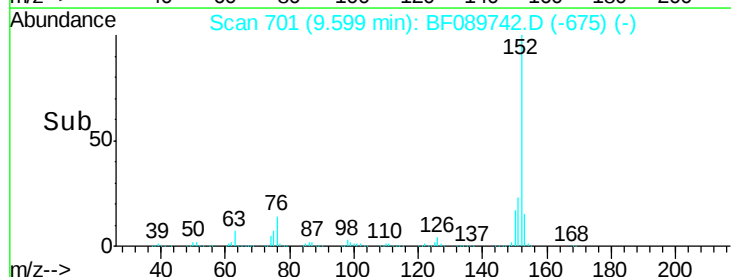
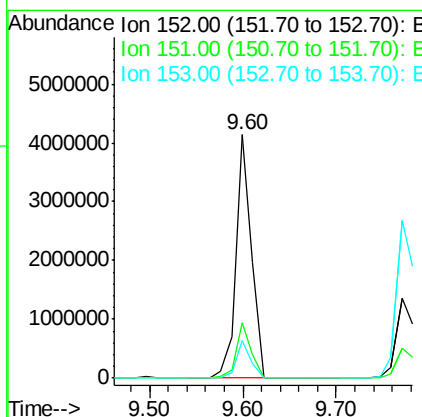
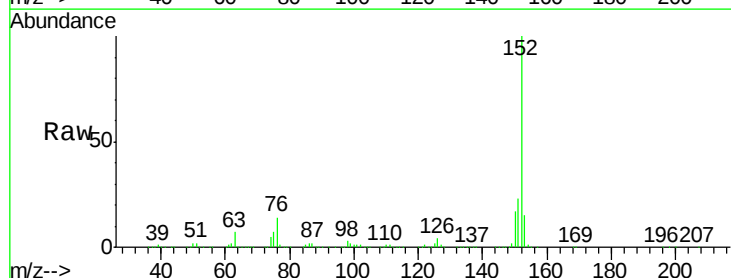
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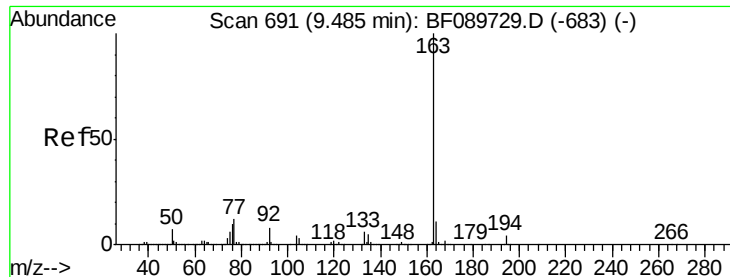
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#48
Acenaphthylene
Concen: 32.91 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	17.1	25.7
153	15.5	11.2	16.8





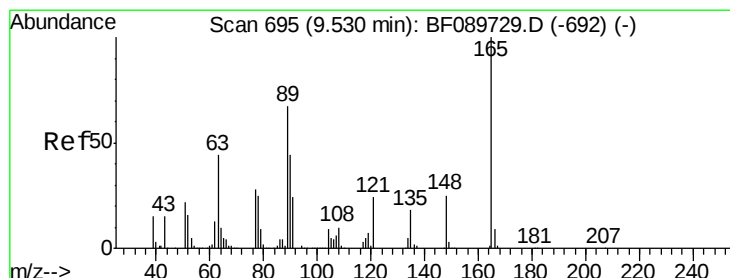
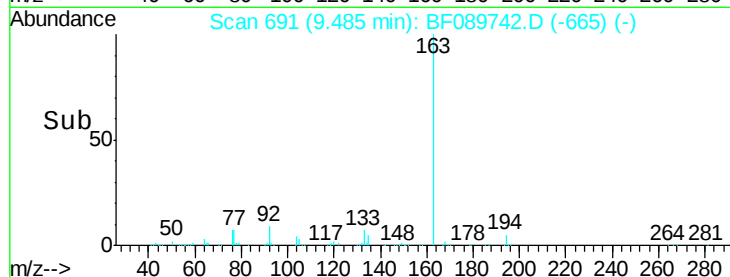
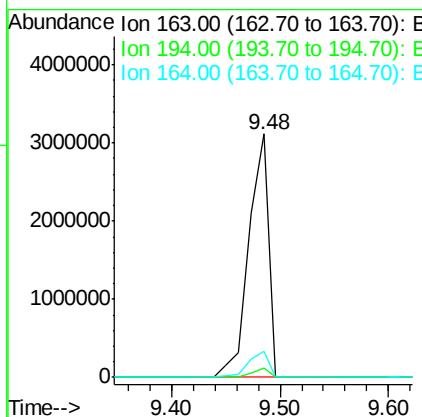
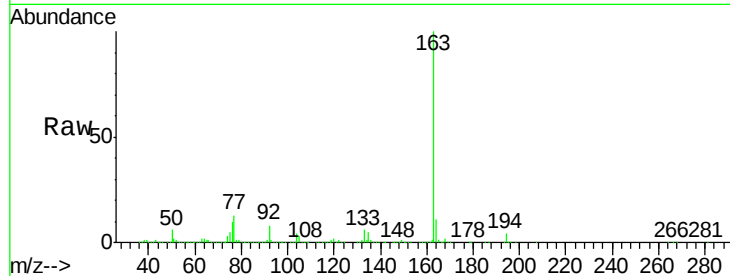
#49
Dimethylphthalate
Concen: 35.80 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion:163 Resp: 3916961
Ion Ratio Lower Upper
163 100
194 4.1 2.6 3.8#
164 10.8 8.6 12.8

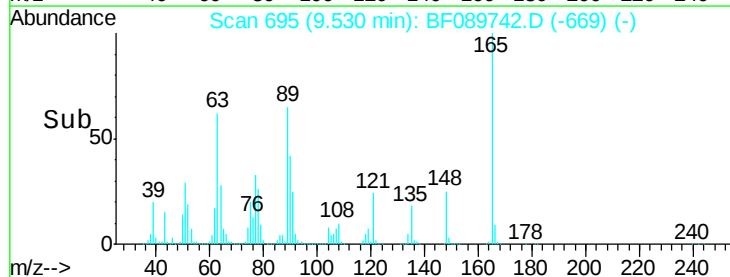
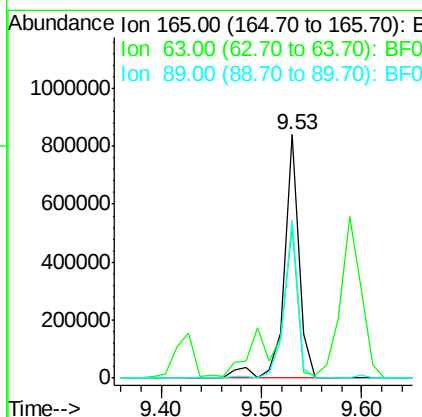
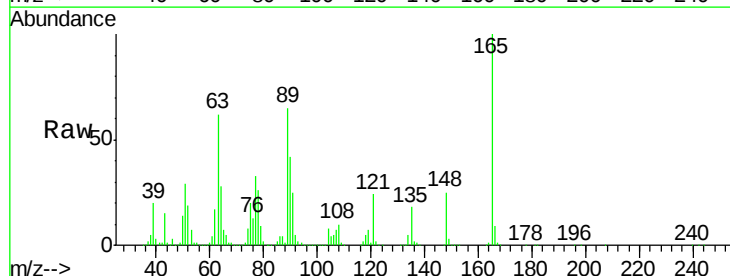
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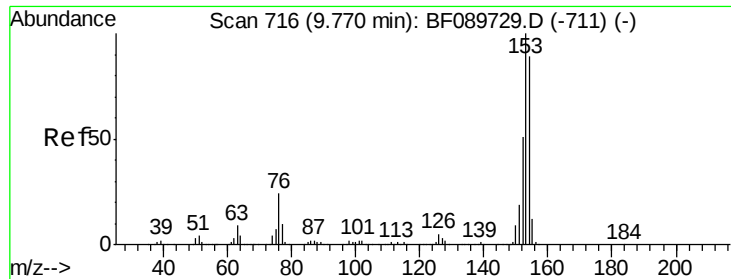
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#50
2,6-Dinitrotoluene
Concen: 34.45 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion:165 Resp: 853144
Ion Ratio Lower Upper
165 100
63 62.4 41.7 62.5
89 64.6 44.6 67.0





#51

Acenaphthene

Concen: 38.15 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:154 Resp: 3718498

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

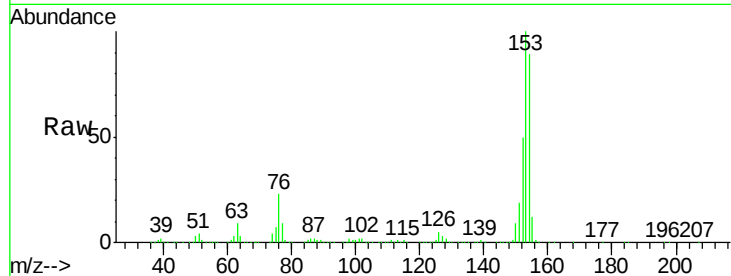
152 56.8 44.6 67.0

Manual Integrations

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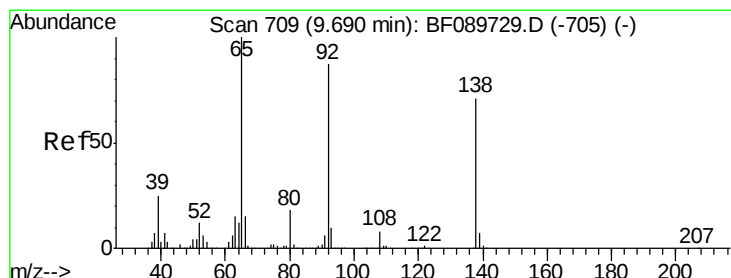
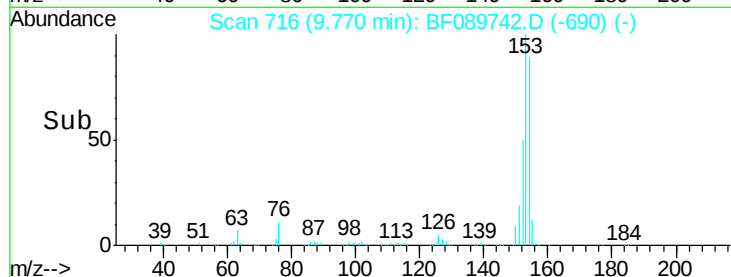
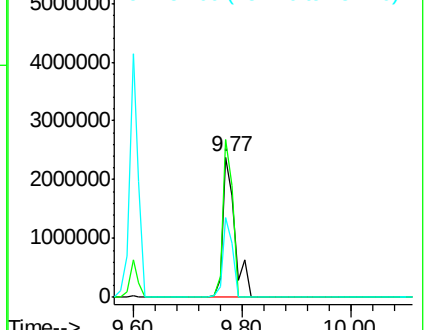
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 26.17 ng

RT: 9.69 min Scan# 709

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

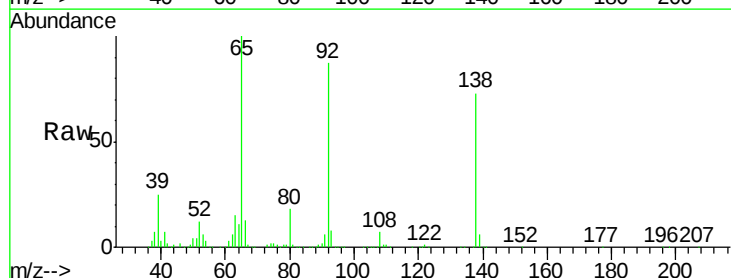
Tgt Ion:138 Resp: 753546

Ion Ratio Lower Upper

138 100

108 9.7 8.1 12.1

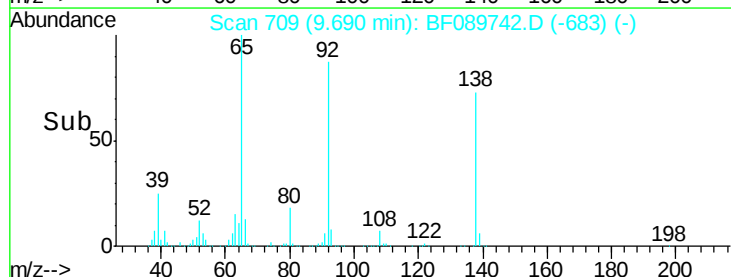
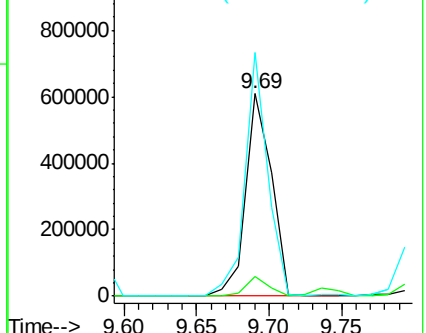
92 120.3 92.7 139.1

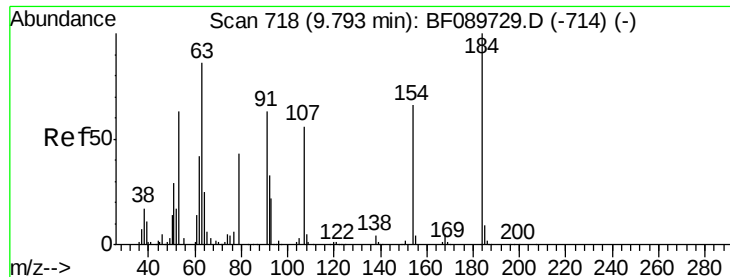


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





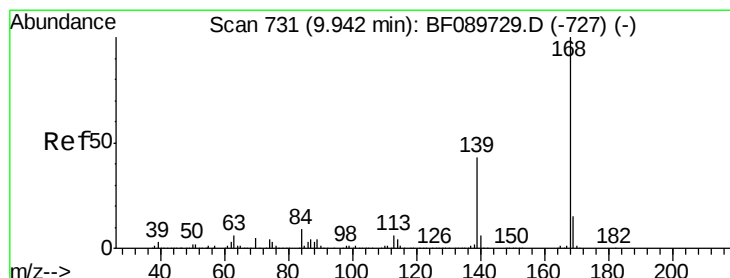
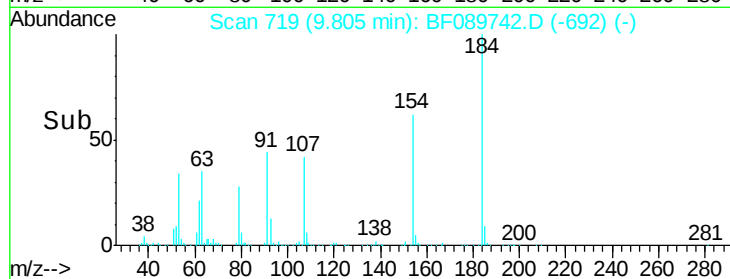
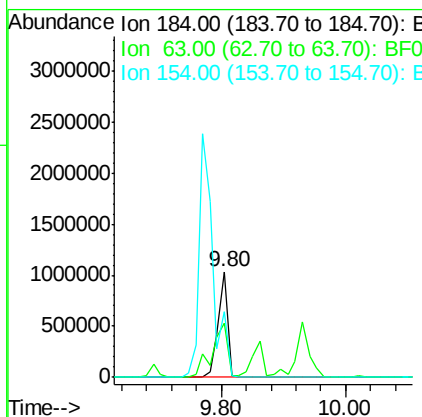
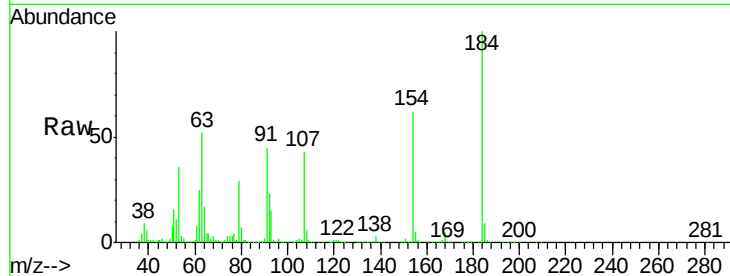
#53
2,4-Dinitrophenol
Concen: 95.49 ng
RT: 9.80 min Scan# 719
Delta R.T. 0.01 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion:184 Resp: 1060050
Ion Ratio Lower Upper
184 100
63 51.7 54.2 81.4#
154 62.1 52.7 79.1

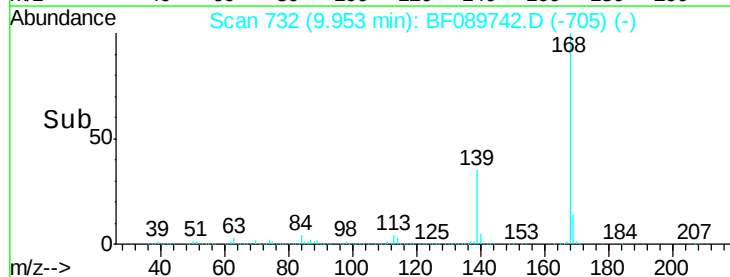
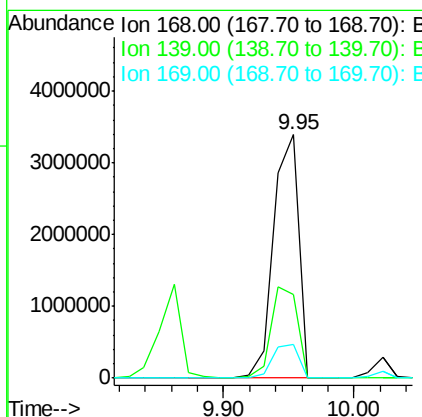
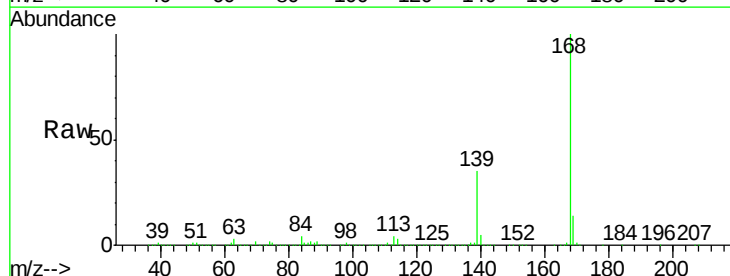
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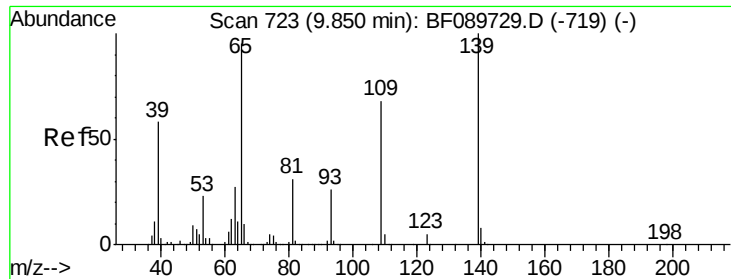
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#54
Dibenzofuran
Concen: 38.26 ng
RT: 9.95 min Scan# 732
Delta R.T. 0.01 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion:168 Resp: 4590177
Ion Ratio Lower Upper
168 100
139 34.6 34.6 52.0#
169 14.0 11.5 17.3





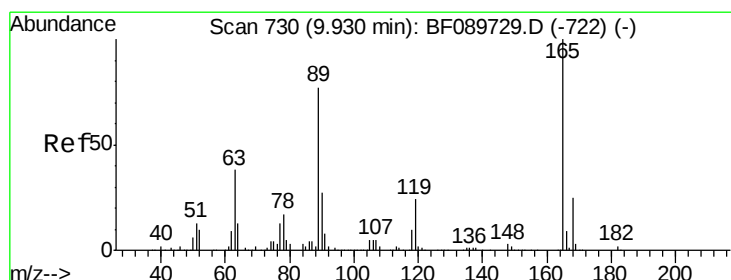
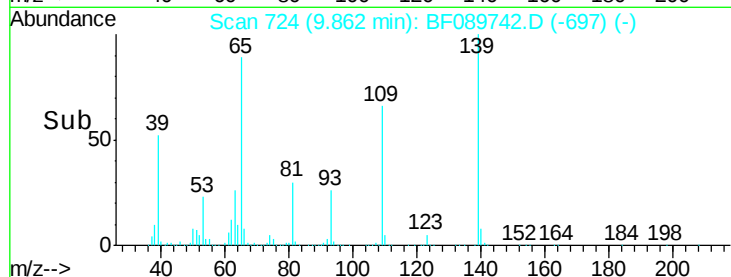
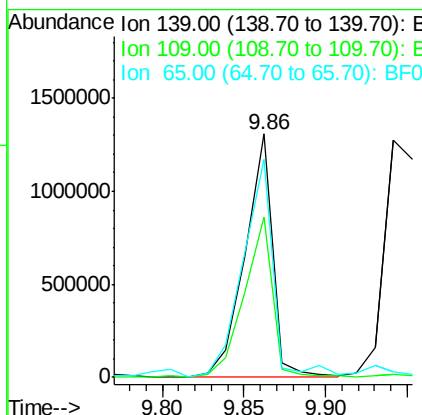
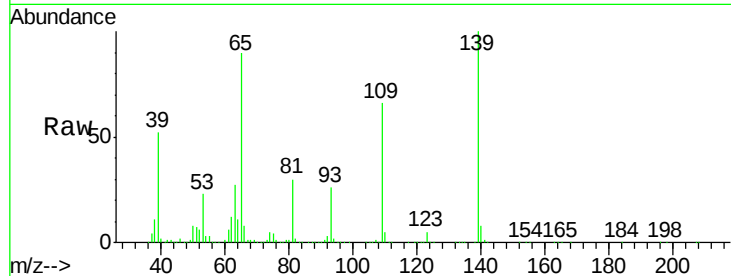
#55
4-Nitrophenol
Concen: 69.57 ng
RT: 9.86 min Scan# 724
Delta R.T. 0.01 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion:139 Resp: 1540858
Ion Ratio Lower Upper
139 100
109 66.1 43.0 83.0
65 89.5 55.7 95.7

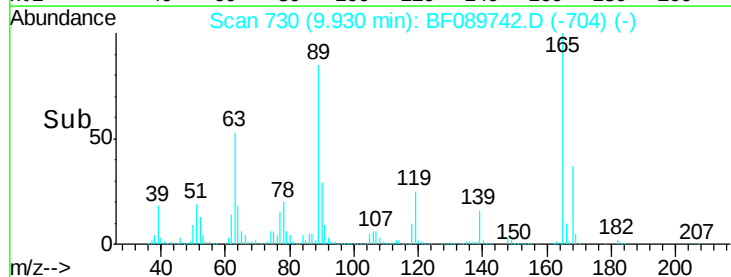
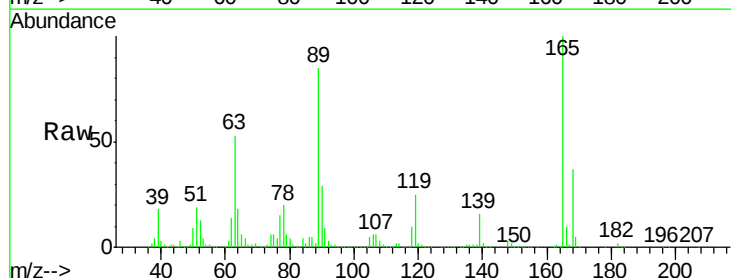
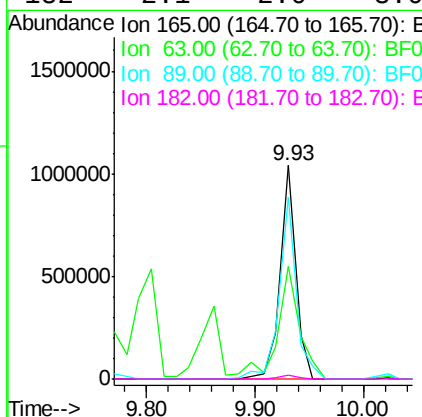
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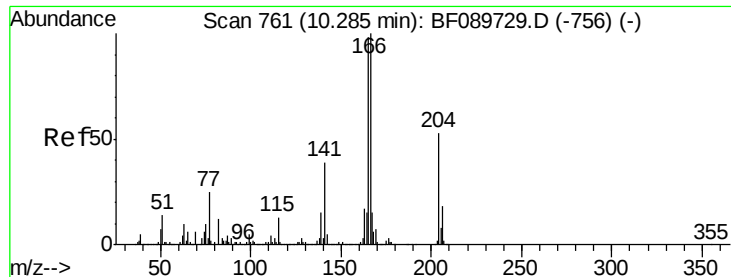
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#56
2,4-Dinitrotoluene
Concen: 32.81 ng
RT: 9.93 min Scan# 730
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion:165 Resp: 1044423
Ion Ratio Lower Upper
165 100
63 52.6 23.7 35.5#
89 85.2 44.0 66.0#
182 2.1 2.0 3.0





#57

Fluorene

Concen: 31.35 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:166 Resp: 3038124

Ion Ratio Lower Upper

166 100

165 99.1 80.2 120.4

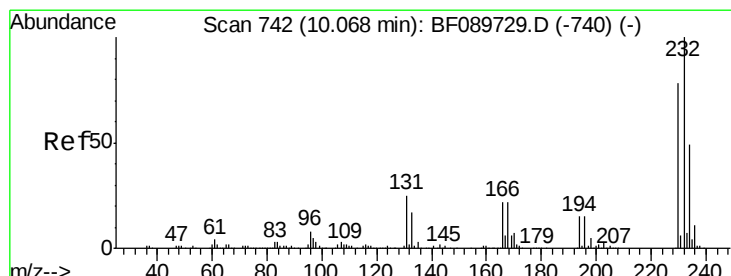
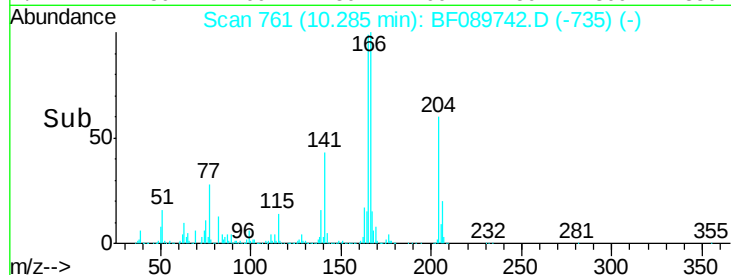
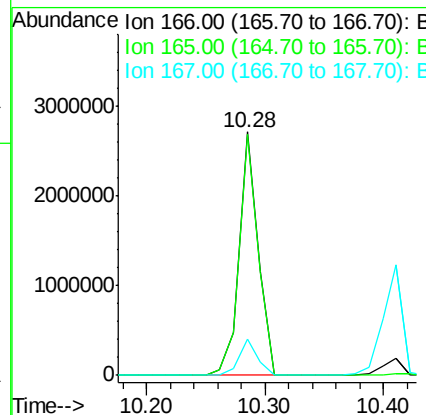
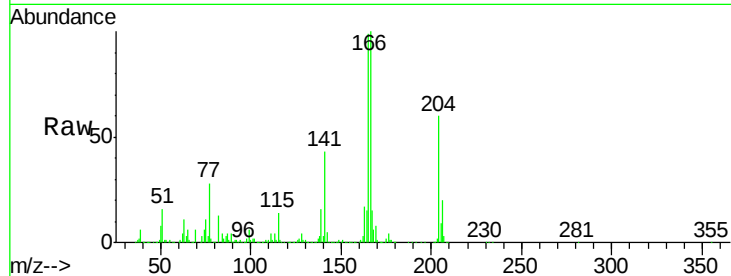
167 15.0 11.3 16.9

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#58

2,3,4,6-Tetrachlorophenol

Concen: 42.08 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Tgt Ion:232 Resp: 983909

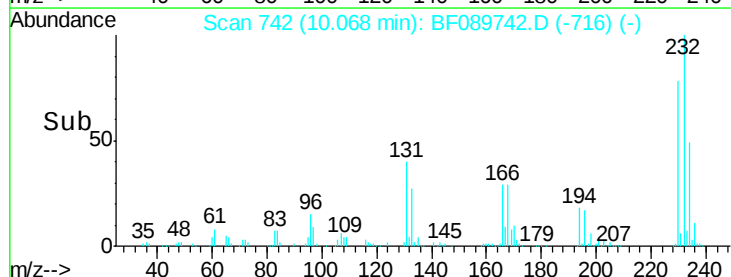
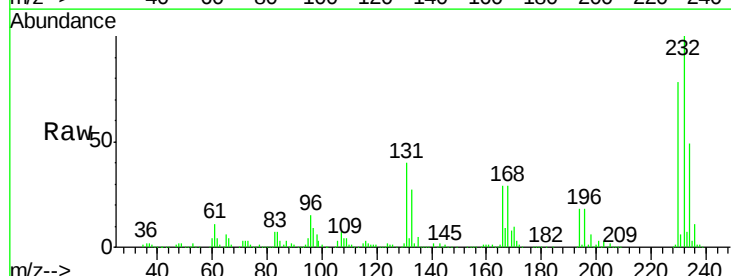
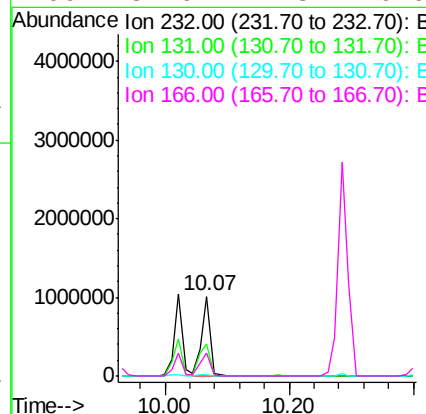
Ion Ratio Lower Upper

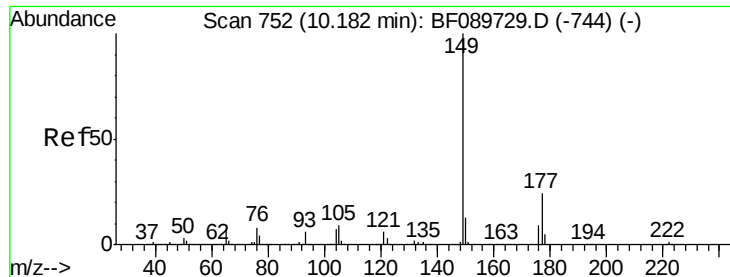
232 100

131 50.5 42.5 63.7

130 2.4 2.2 3.4

166 32.6 27.3 40.9





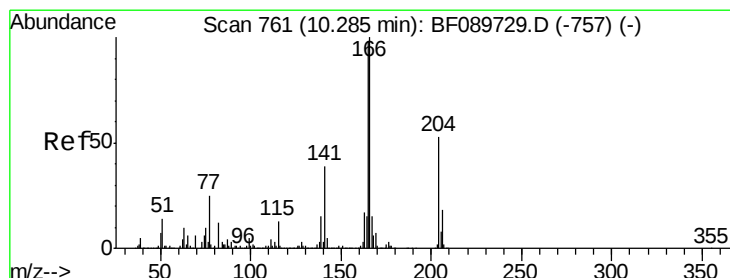
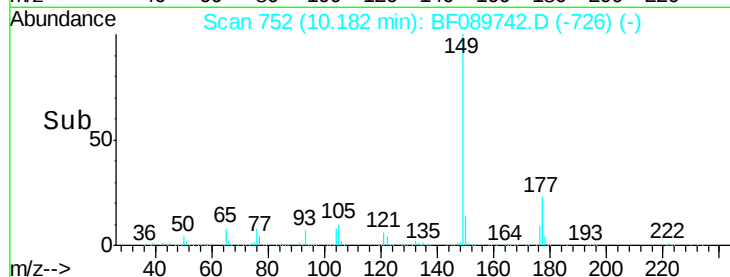
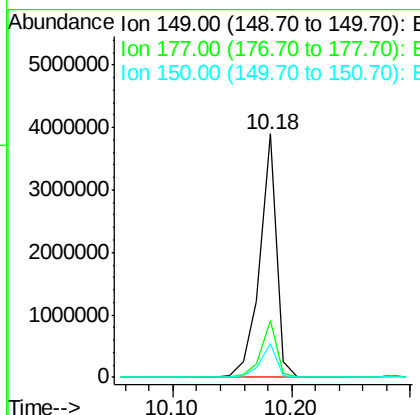
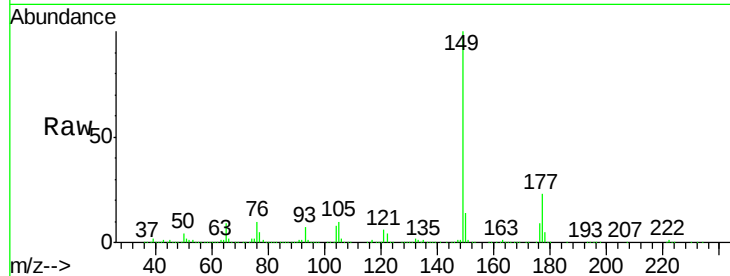
#59
Diethylphthalate
Concen: 34.88 ng
RT: 10.18 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	23.2	16.6	25.0
150	13.9	10.5	15.7

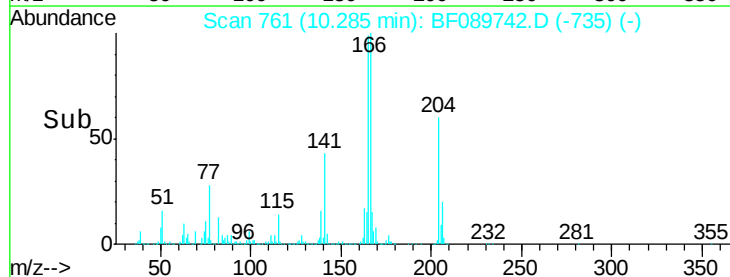
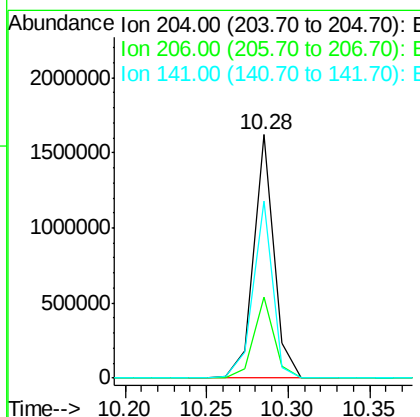
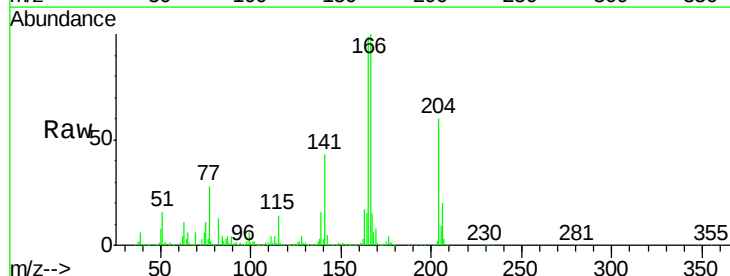
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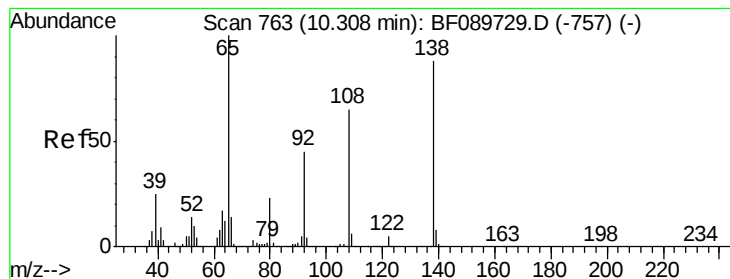
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#60
4-Chlorophenyl-phenylether
Concen: 29.53 ng
RT: 10.28 min Scan# 761
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	72.8	54.1	81.1





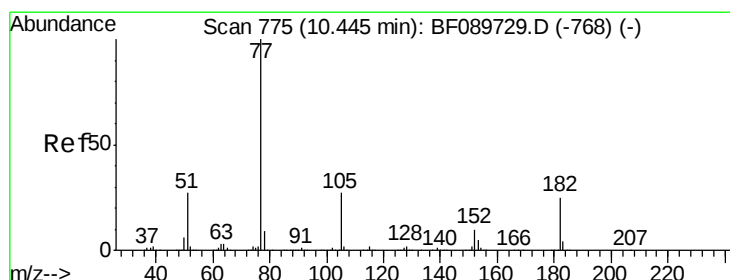
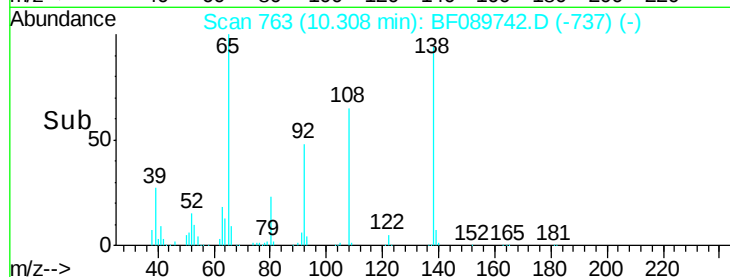
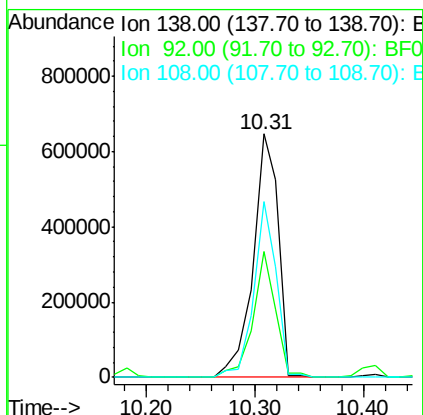
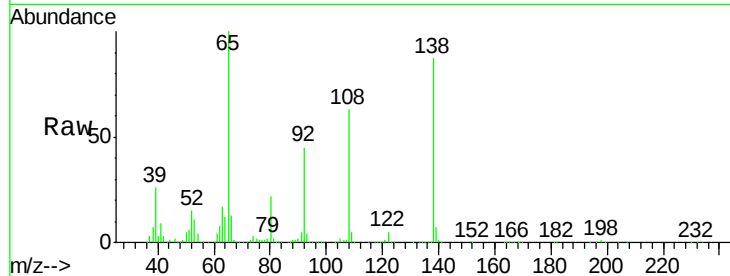
#61
4-Nitroaniline
Concen: 37.42 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion:138 Resp: 1046114
Ion Ratio Lower Upper
138 100
92 51.7 26.4 66.4
108 72.4 47.0 87.0

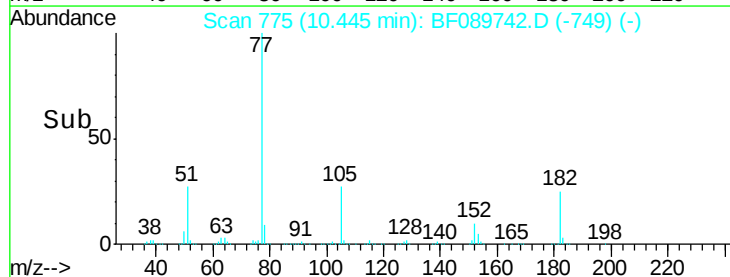
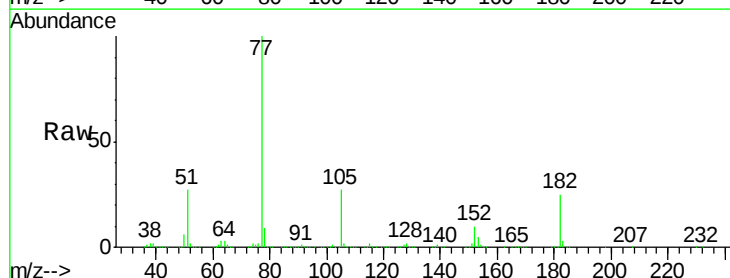
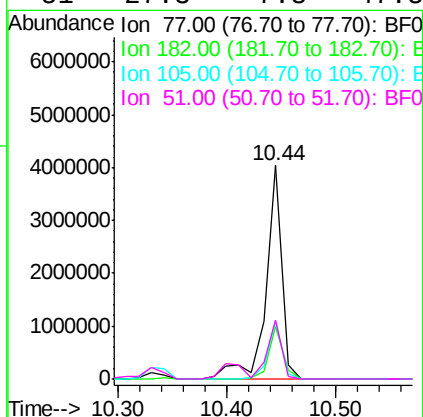
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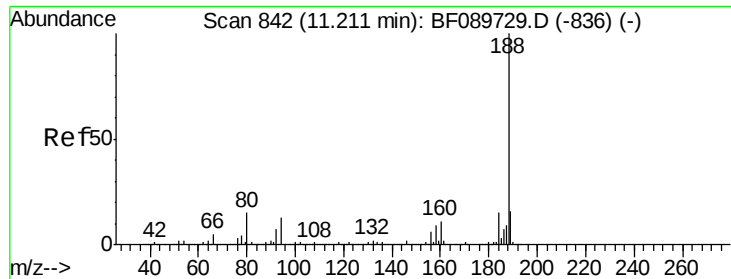
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#62
Azobenzene
Concen: 39.82 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion: 77 Resp: 4174374
Ion Ratio Lower Upper
77 100
182 24.5 5.6 45.6
105 27.1 4.0 44.0
51 27.3 7.8 47.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampled :

PB92811BSD

Tot Ion:188 Resp: 2808879

Ion Ratio Lower Upper

188 100

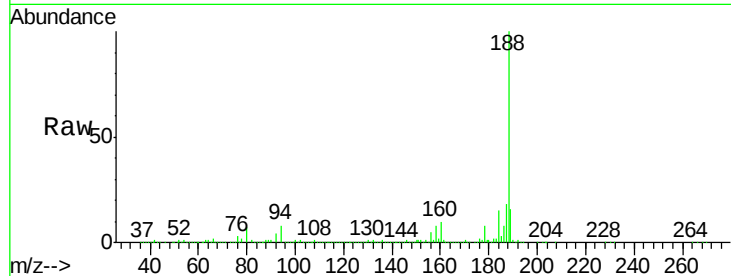
94 7.6 10.2 15.2#

80 7.2 10.9 16.3#

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

3000000

2500000

2000000

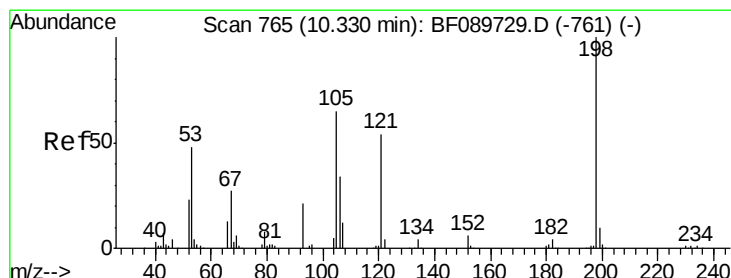
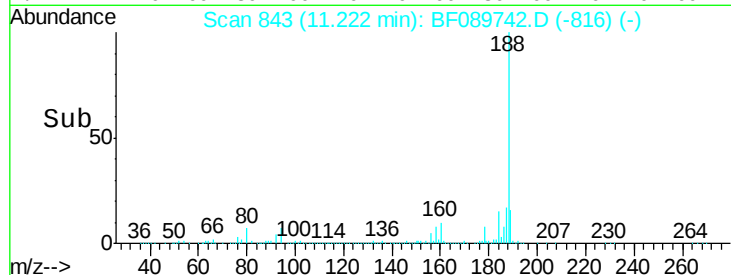
1500000

1000000

500000

0

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 39.95 ng

RT: 10.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

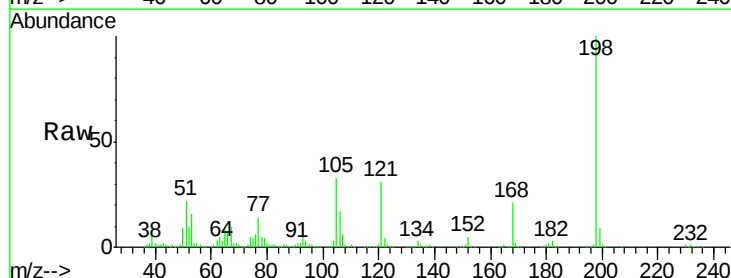
Tgt Ion:198 Resp: 651548

Ion Ratio Lower Upper

198 100

51 21.8 32.3 72.3#

105 32.7 32.9 72.9#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

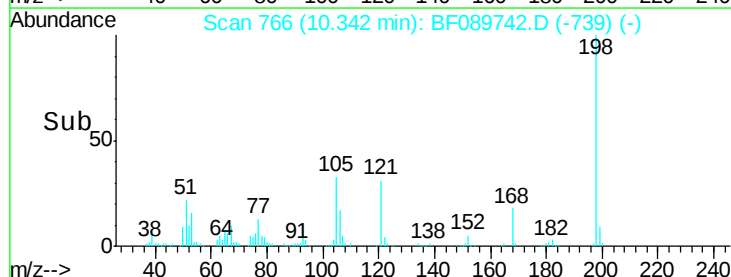
1500000

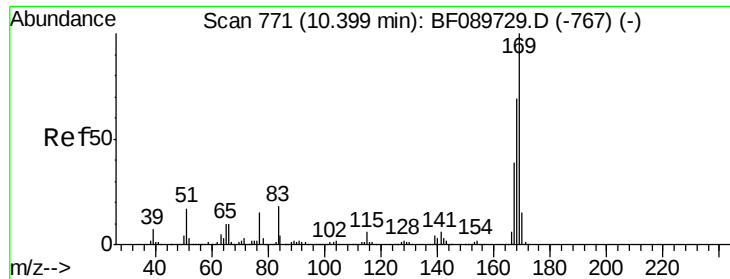
1000000

500000

0

Time-->





#65

n-Nitrosodiphenylamine

Concen: 39.20 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:169 Resp: 3455409

Ion Ratio Lower Upper

169 100

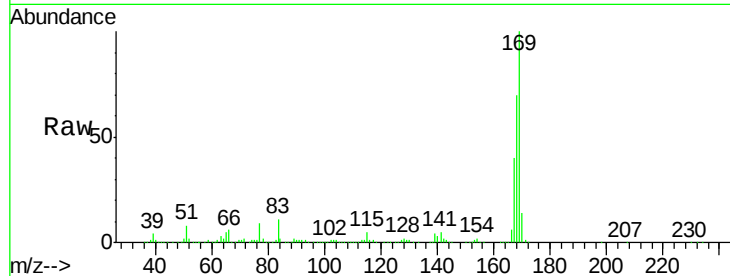
168 70.4 54.6 82.0

167 40.0 30.6 45.8

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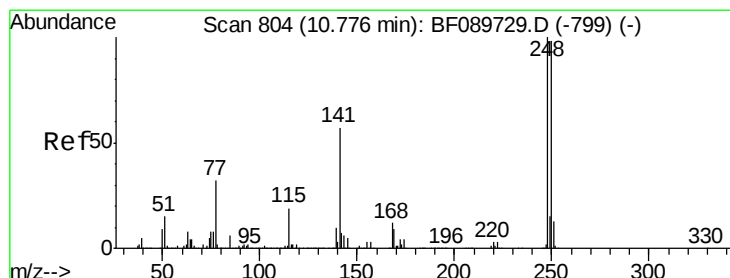
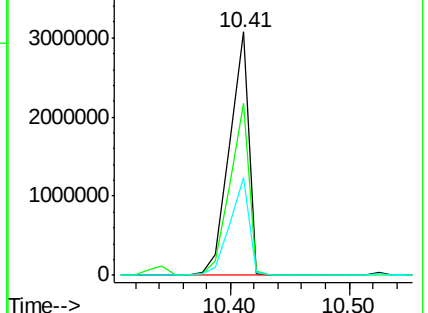
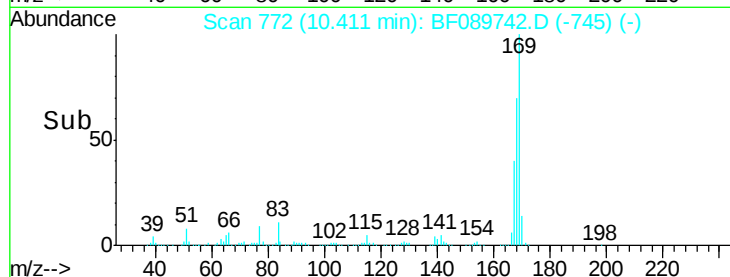
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.43 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

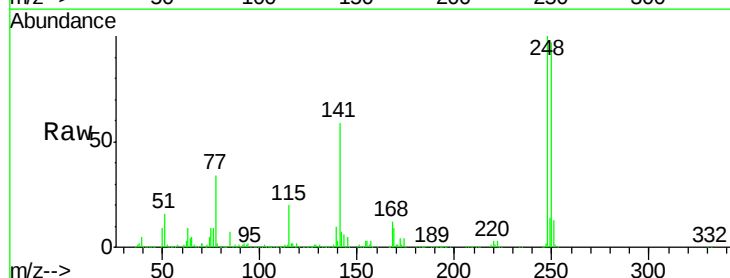
Tgt Ion:248 Resp: 1088823

Ion Ratio Lower Upper

248 100

250 96.6 78.6 117.8

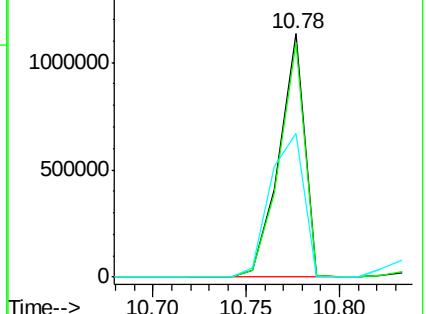
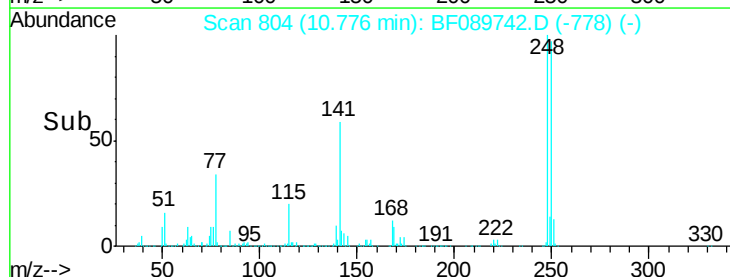
141 59.0 31.4 47.2#

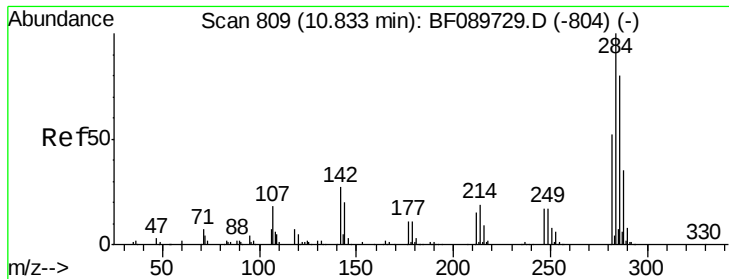


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 34.87 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:284 Resp: 1127566

Ion Ratio Lower Upper

284 100

142 36.2 17.4 26.2#

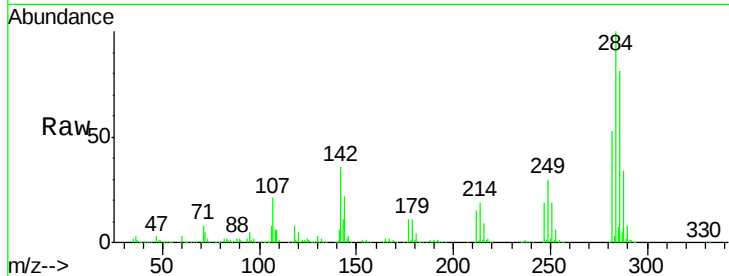
249 29.7 22.8 34.2

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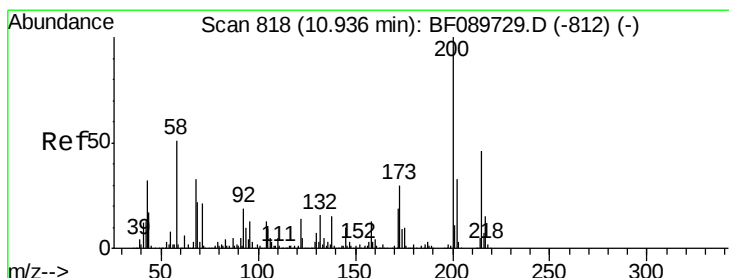
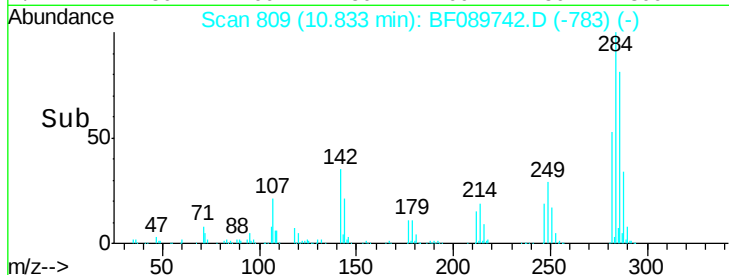
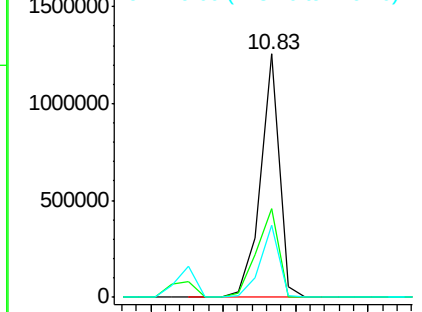
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 30.60 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

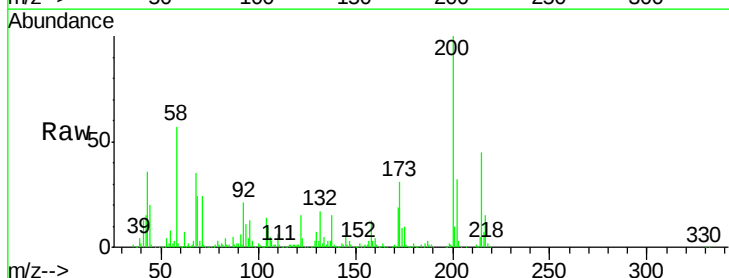
Tgt Ion:200 Resp: 817062

Ion Ratio Lower Upper

200 100

173 30.6 6.6 46.6

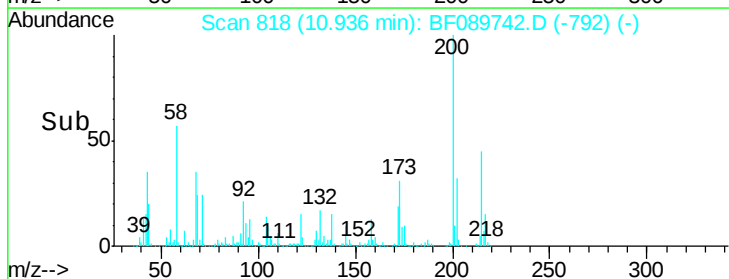
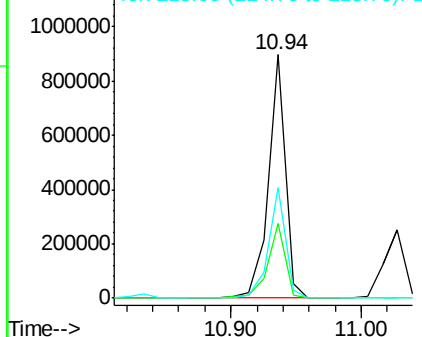
215 45.3 24.7 64.7

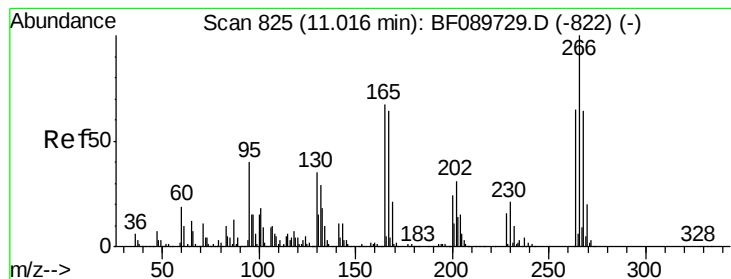


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 70.63 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:266 Resp: 1422891

Ion Ratio Lower Upper

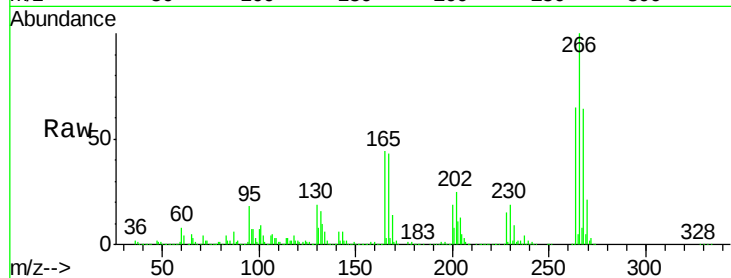
266 100

268 64.3 53.2 79.8

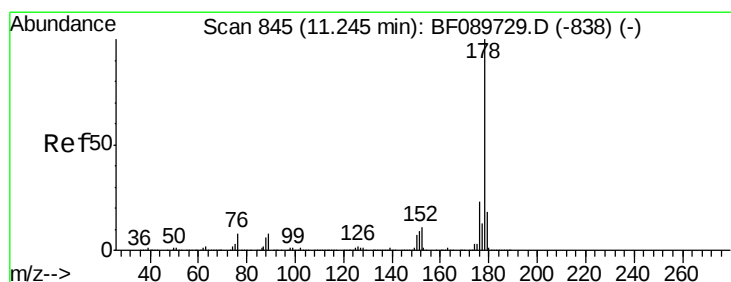
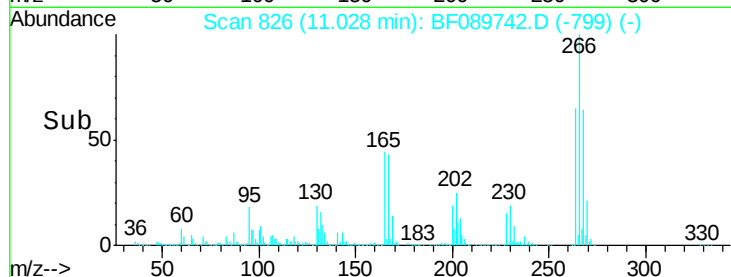
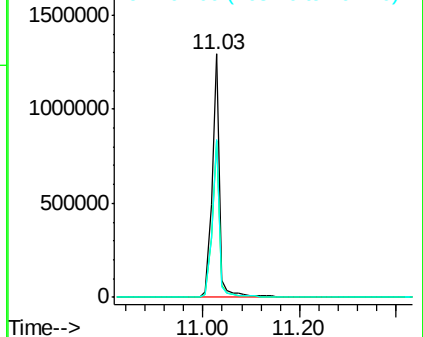
264 64.8 51.1 76.7

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 36.82 ng

RT: 11.24 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

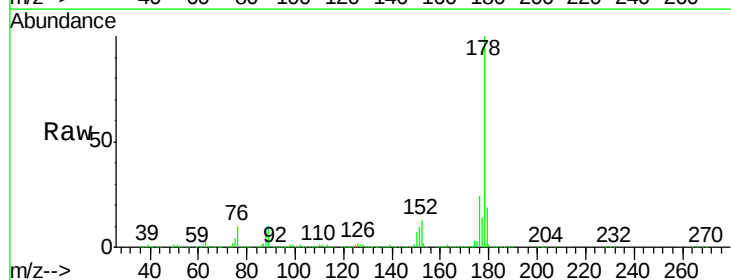
Tgt Ion:178 Resp: 5082996

Ion Ratio Lower Upper

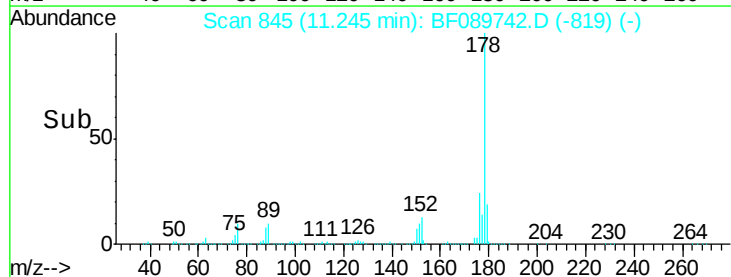
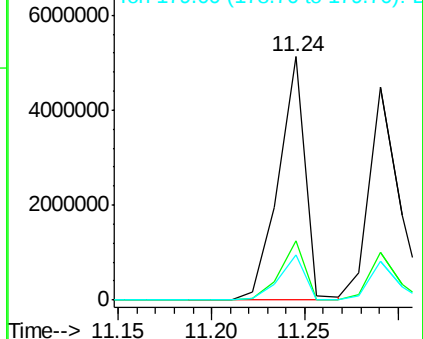
178 100

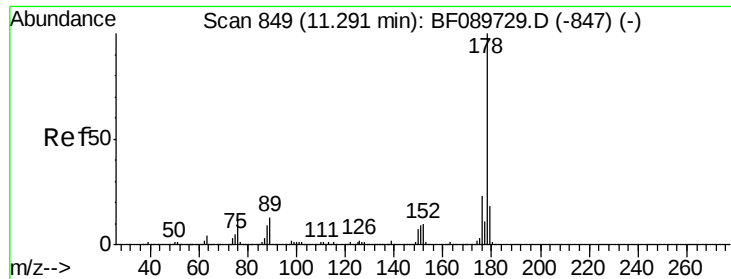
176 24.5 16.4 24.6

179 18.7 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 32.81 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:178 Resp: 4733229

Ion Ratio Lower Upper

178 100

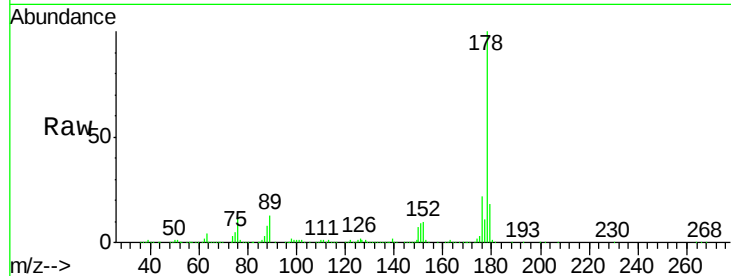
176 22.2 16.4 24.6

179 18.4 13.1 19.7

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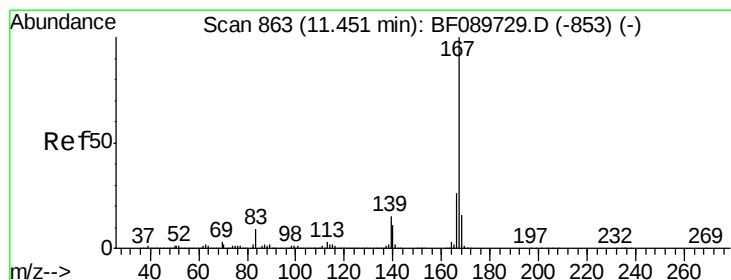
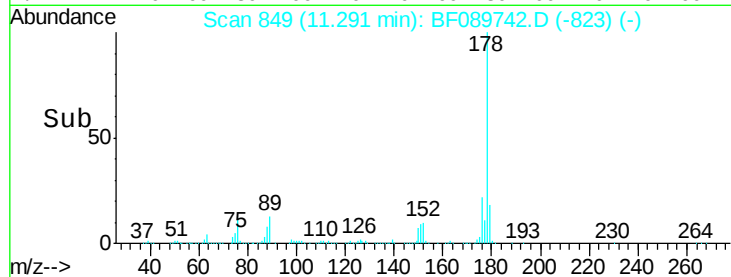
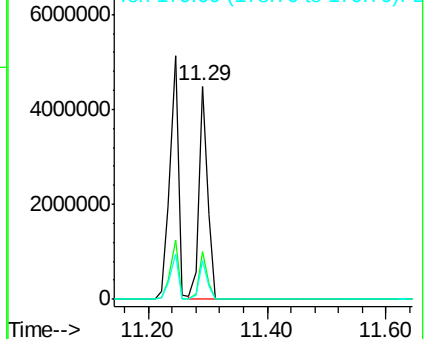
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.26 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

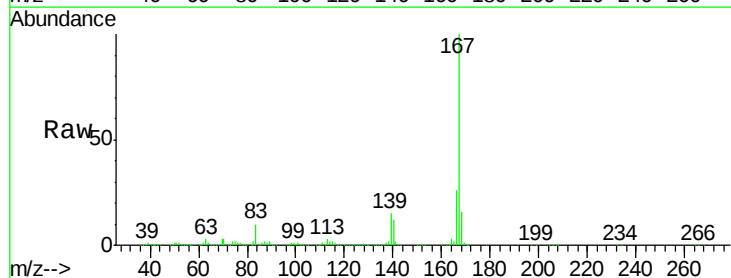
Tgt Ion:167 Resp: 5092852

Ion Ratio Lower Upper

167 100

166 25.7 17.9 26.9

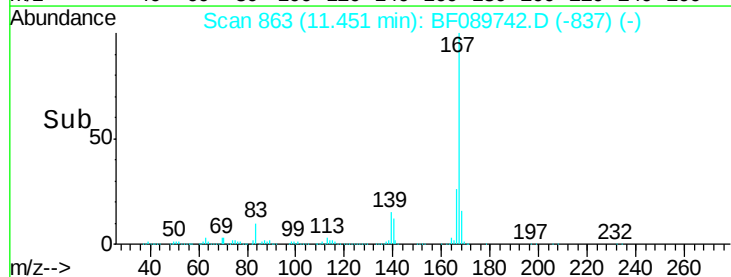
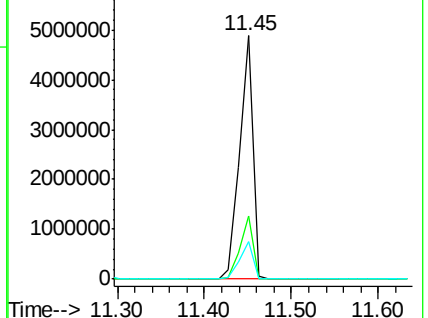
139 15.4 12.4 18.6

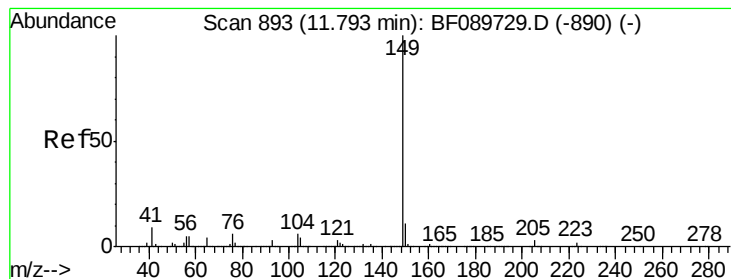


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 33.33 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:149 Resp: 5540934

Ion Ratio Lower Upper

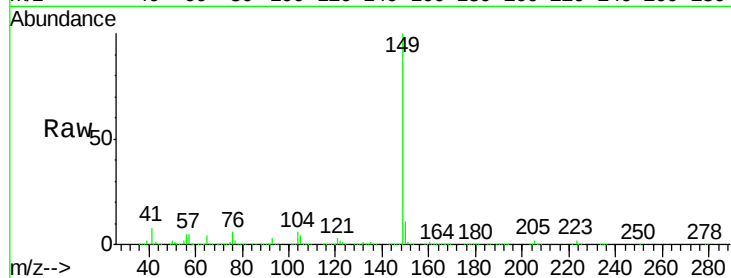
149 100

150 11.3 7.9 11.9

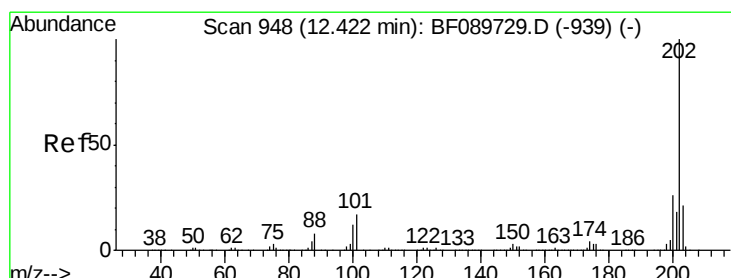
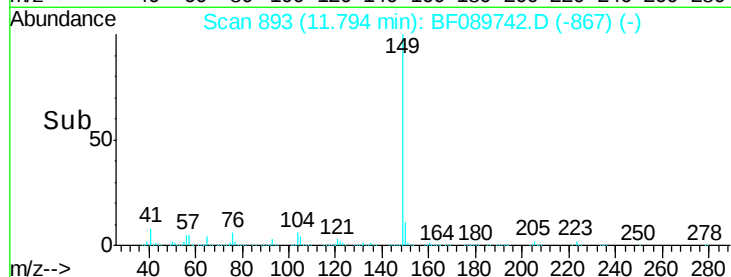
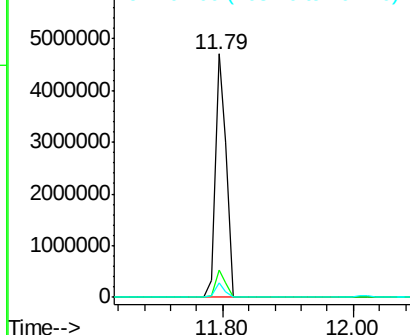
104 6.1 4.3 6.5

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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



#74

Fluoranthene

Concen: 33.29 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

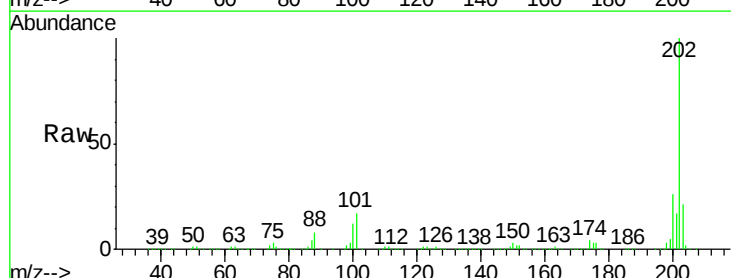
Tgt Ion:202 Resp: 4617933

Ion Ratio Lower Upper

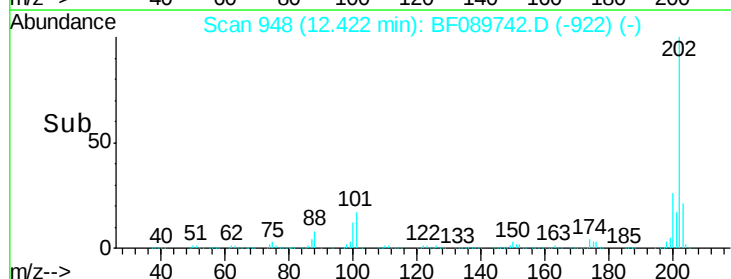
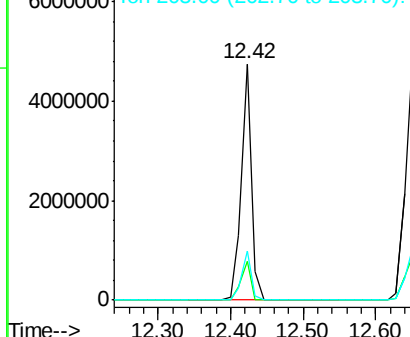
202 100

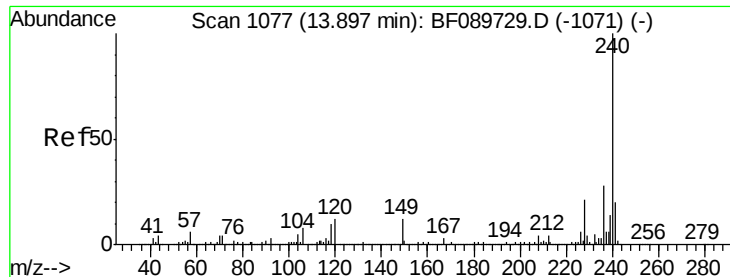
101 16.7 0.0 31.2

203 20.6 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: 13.87 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:240 Resp: 2255700

Ion Ratio Lower Upper

240 100

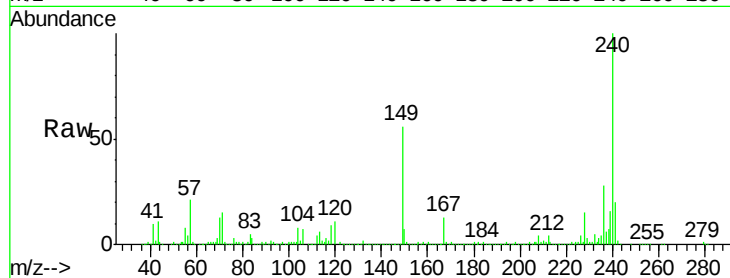
120 10.7 8.3 12.5

236 28.3 21.3 31.9

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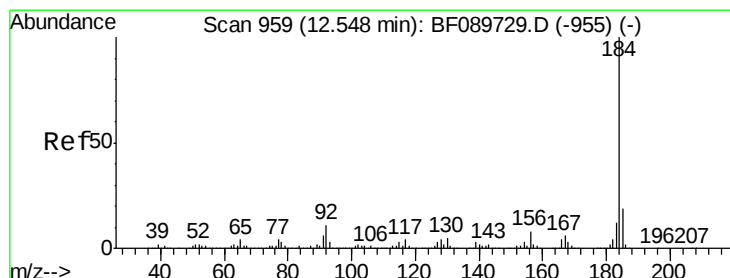
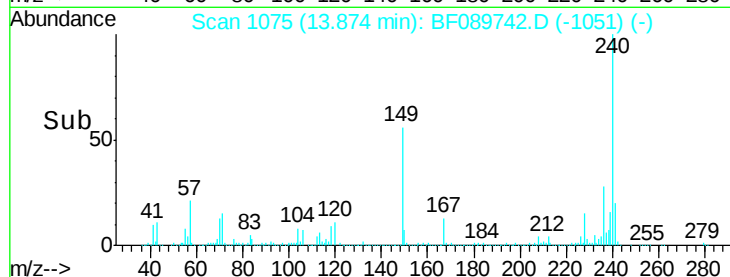
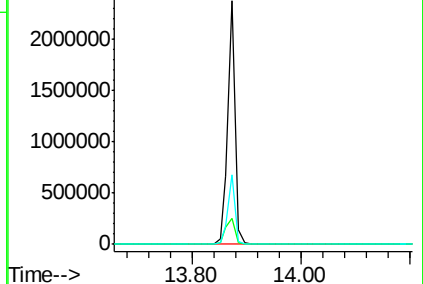
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.42 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.00 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

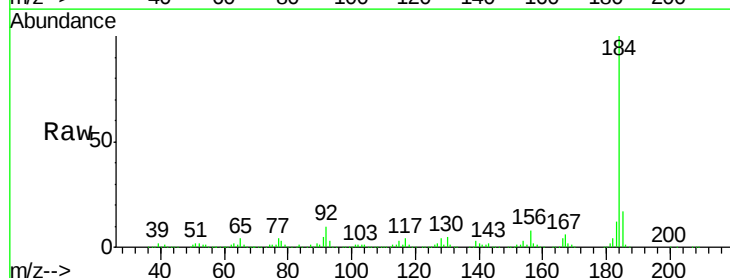
Tgt Ion:184 Resp: 1977071

Ion Ratio Lower Upper

184 100

185 16.9 13.8 20.8

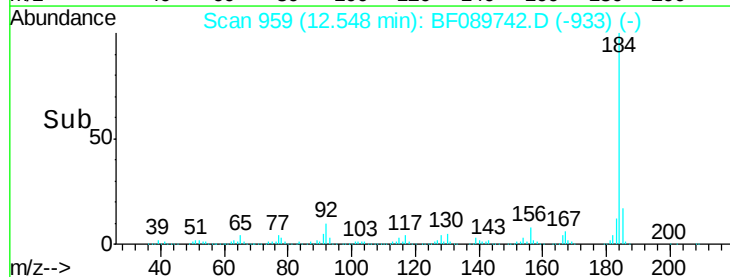
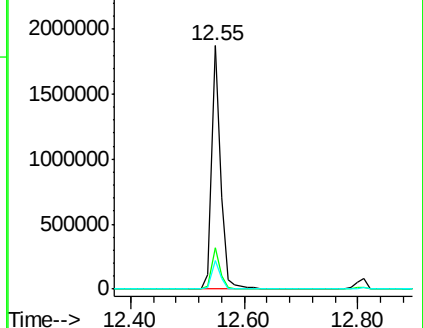
183 11.7 9.7 14.5

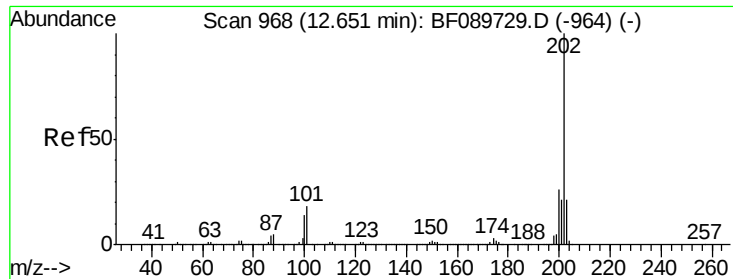


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





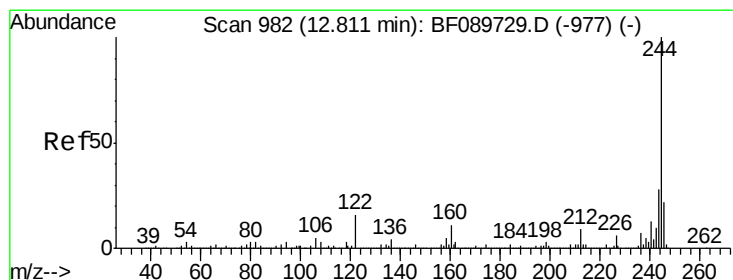
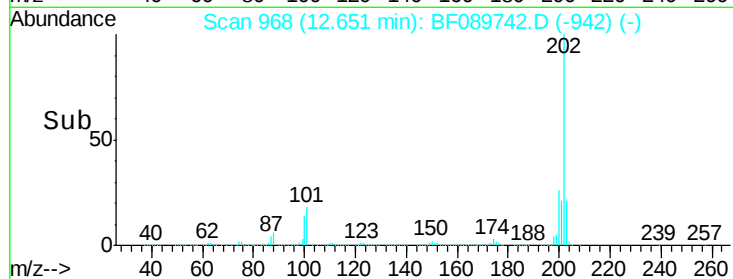
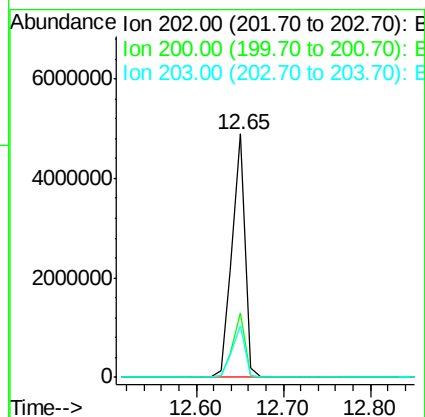
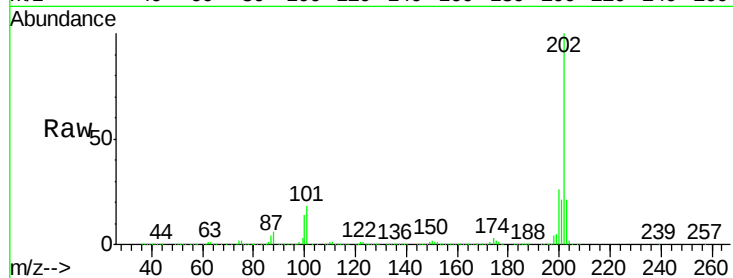
#77
Pvrene
Concen: 34.34 ng
RT: 12.65 min Scan# 968
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	26.3	17.8	26.6
203	21.2	14.2	21.4

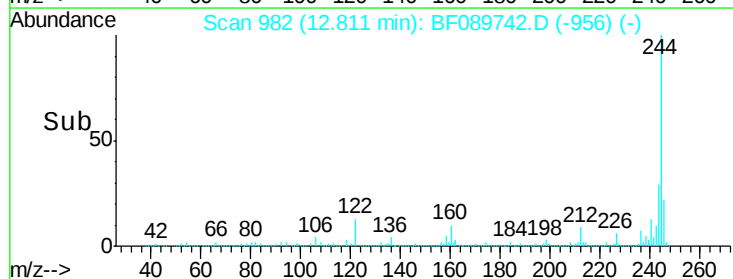
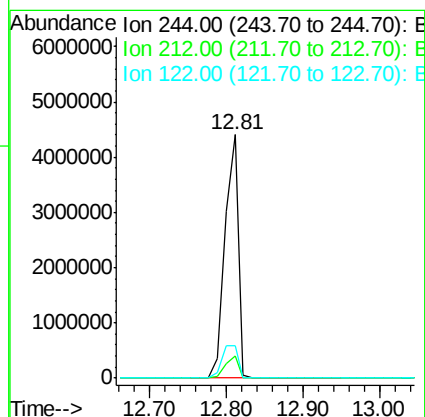
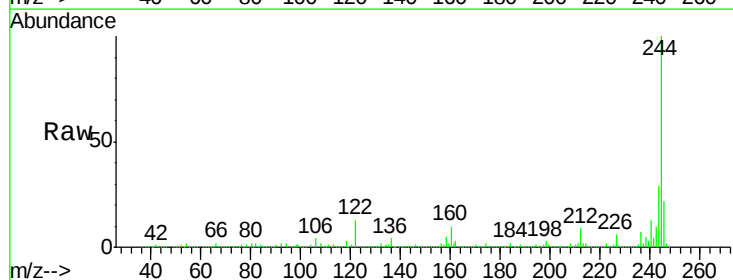
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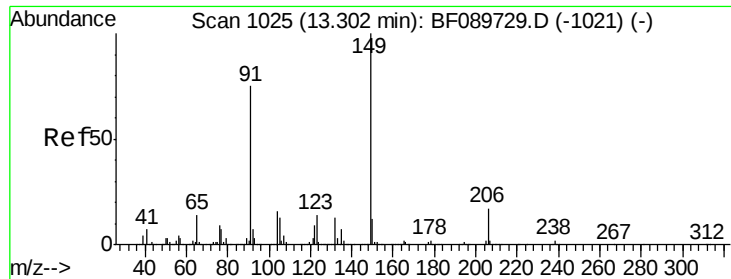
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#78
Terphenyl-d14
Concen: 71.91 ng
RT: 12.81 min Scan# 982
Delta R.T. 0.00 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.1	6.3	9.5
122	13.5	12.0	18.0





#79

Butylbenzylphthalate

Concen: 33.74 ng

RT: 13.29 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Tot Ion:149 Resp: 2498311

Ion Ratio Lower Upper

149 100

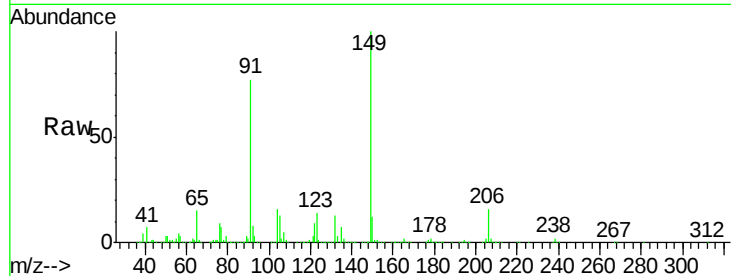
91 76.9 50.7 76.1#

206 16.5 15.5 23.3

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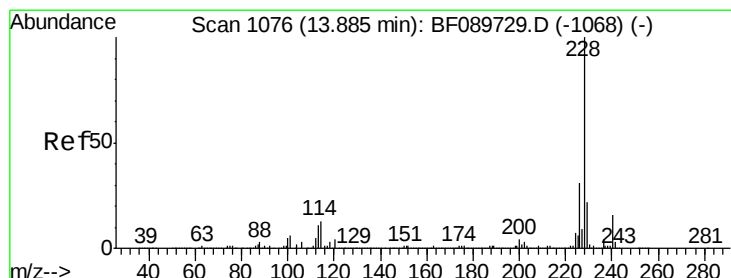
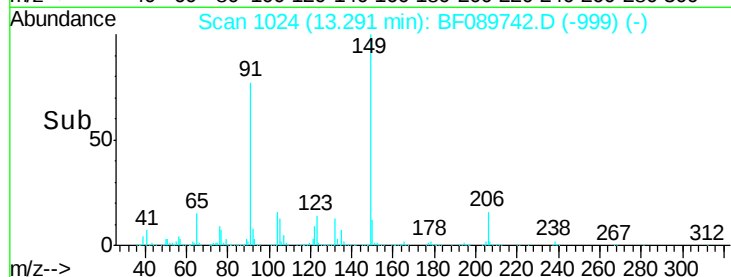
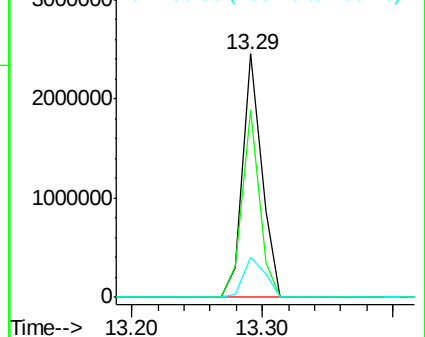
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.20 ng

RT: 13.86 min Scan# 1074

Delta R.T. -0.02 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Tgt Ion:228 Resp: 4482324

Ion Ratio Lower Upper

228 100

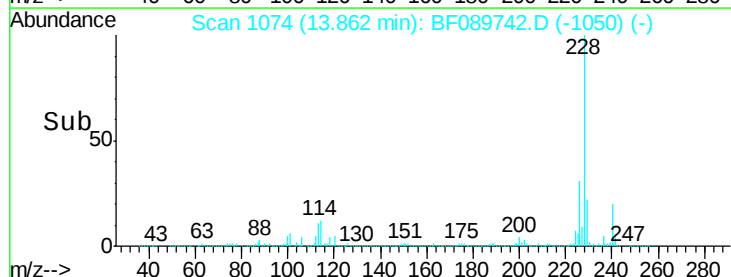
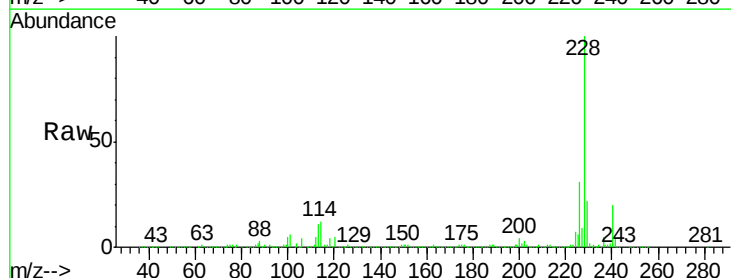
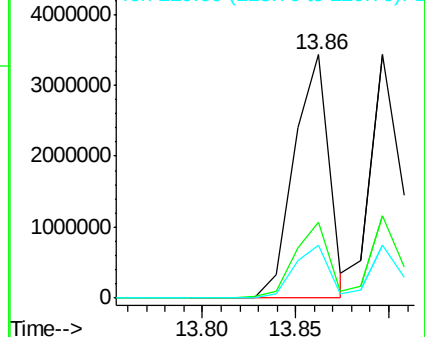
226 31.2 23.2 34.8

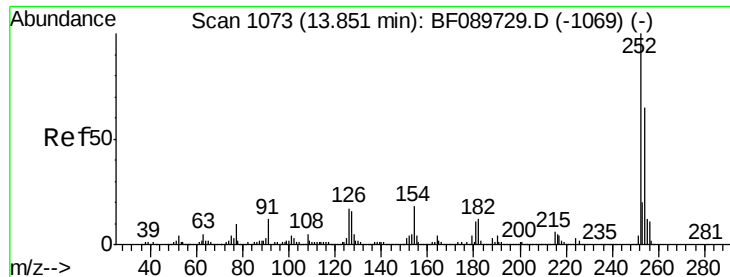
229 21.8 16.2 24.4

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





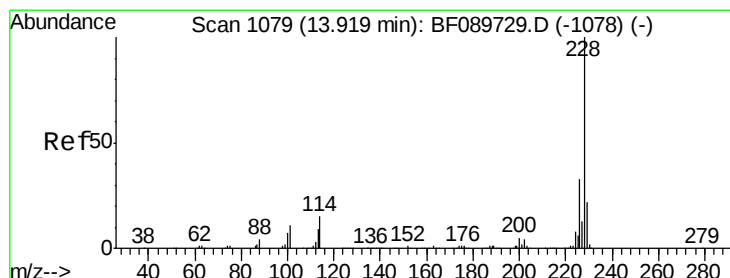
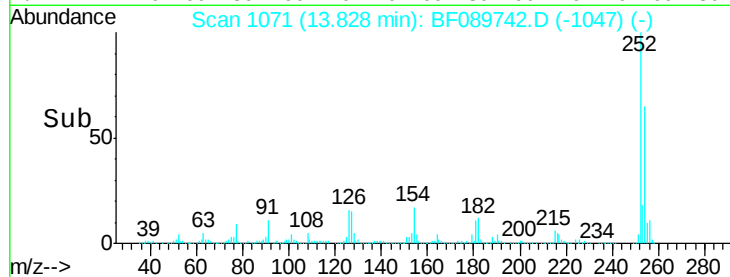
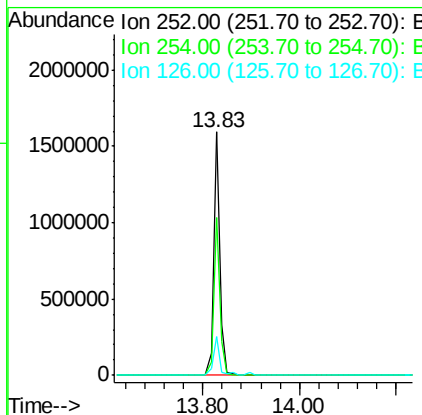
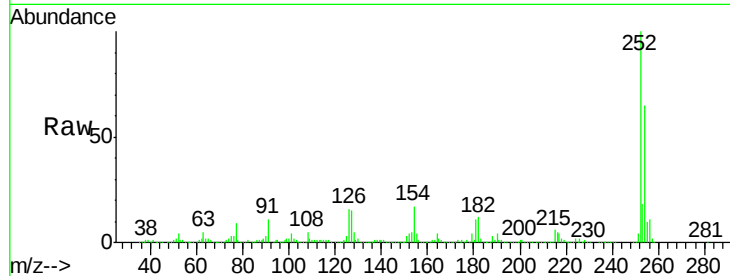
#81
 3,3'-Dichlorobenzidine
 Concen: 30.53 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.02 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.0	50.6	75.8
126	16.0	12.6	18.8

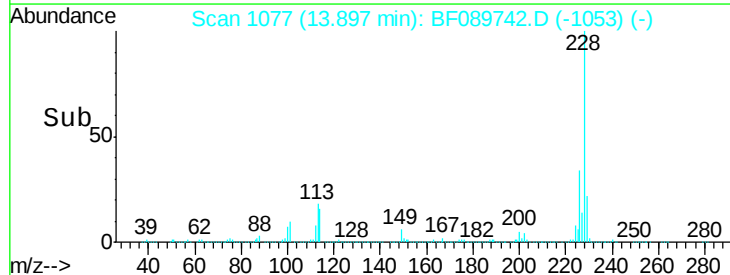
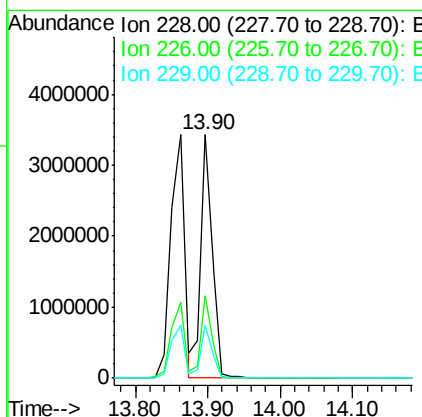
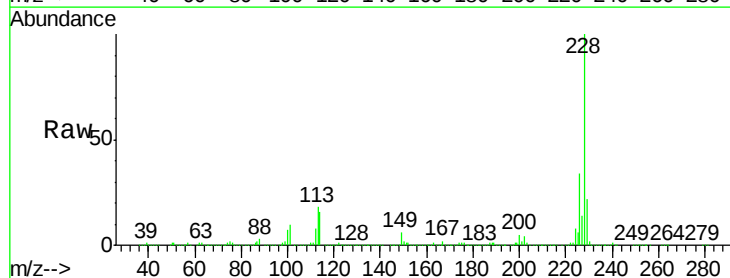
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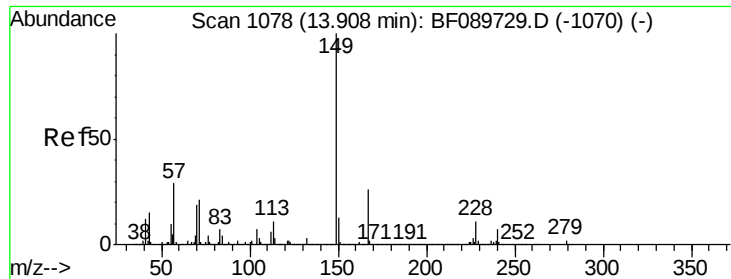
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#82
 Chrysene
 Concen: 32.31 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.02 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.9	25.4	38.0
229	21.9	16.5	24.7





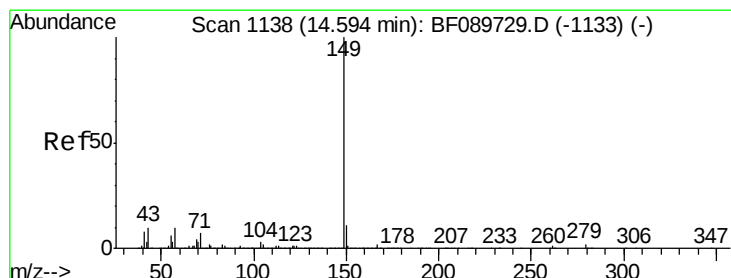
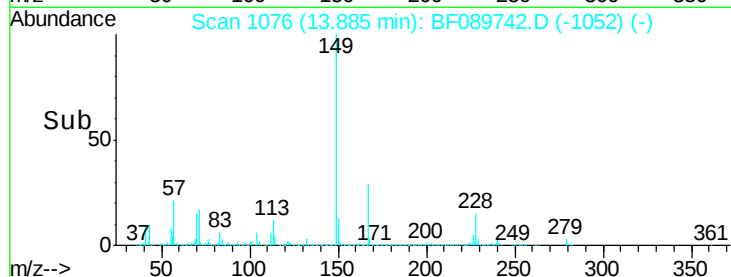
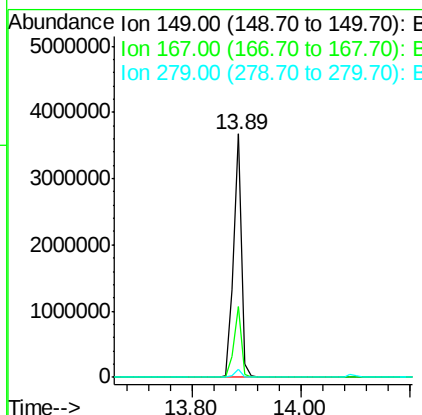
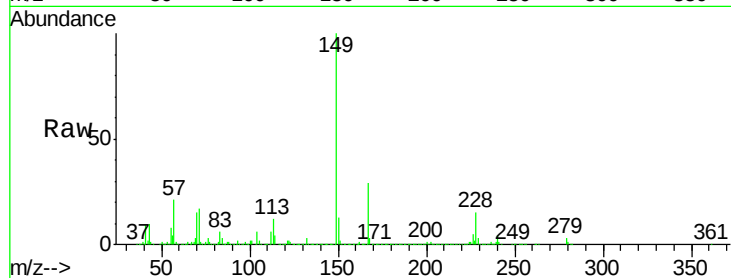
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.97 ng
 RT: 13.89 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Instrument :
 BNA_F
 ClientSampleId :
 PB92811BSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.2	31.8
279	3.4	2.9	4.3

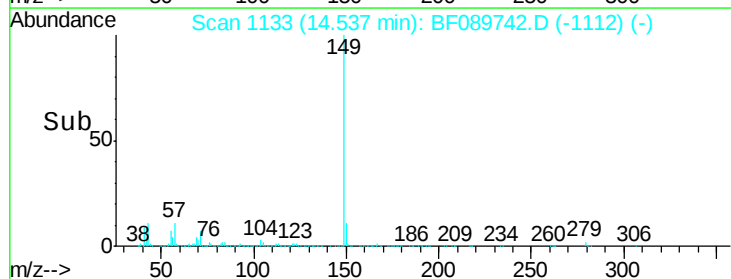
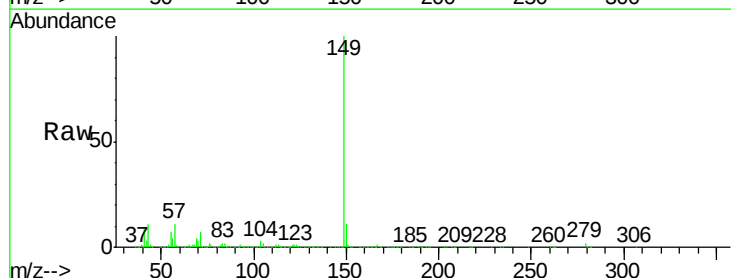
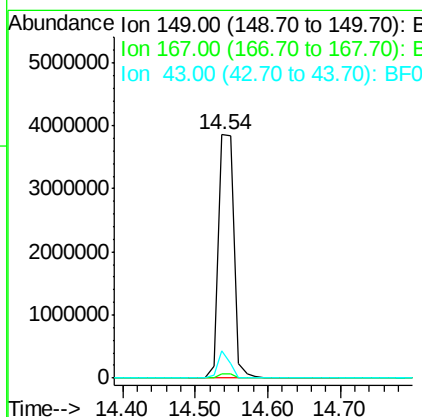
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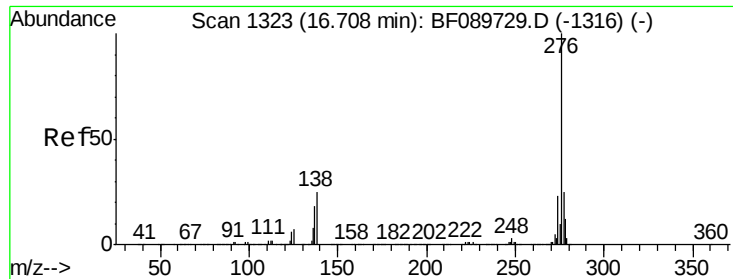
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#84
 Di-n-octyl phthalate
 Concen: 37.19 ng
 RT: 14.54 min Scan# 1133
 Delta R.T. -0.06 min
 Lab File: BF089742.D
 Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.0	8.4	12.6





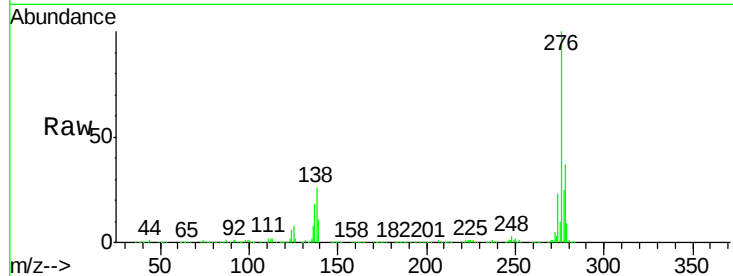
#85
Indeno(1,2,3-cd)pyrene
Concen: 37.89 ng
RT: 16.63 min Scan# 1316
Delta R.T. -0.08 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

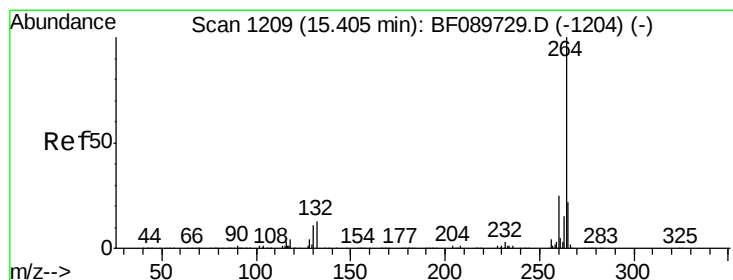
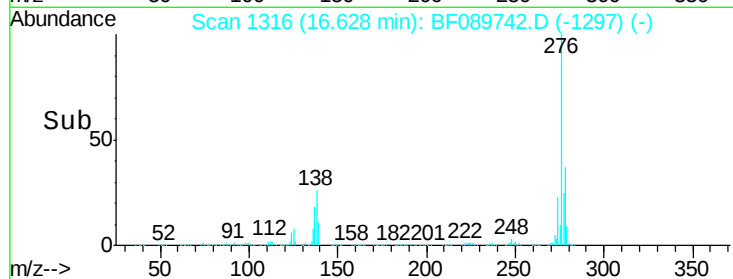
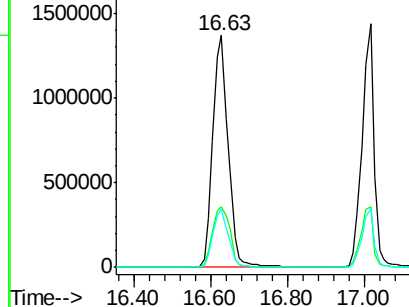
Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	24.6	36.8
277	25.5	20.4	30.6

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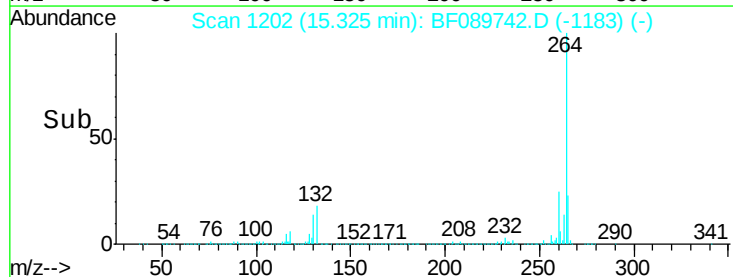
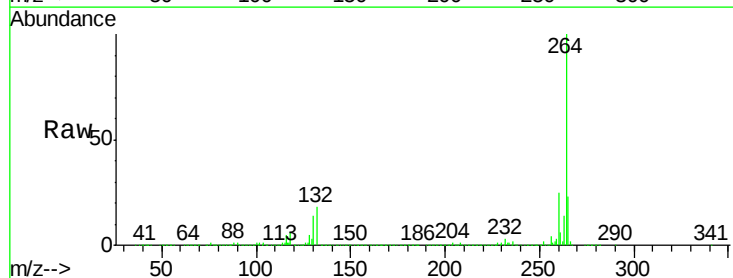
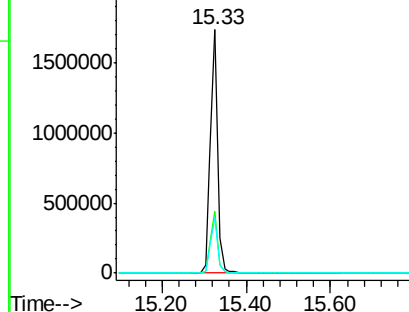
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

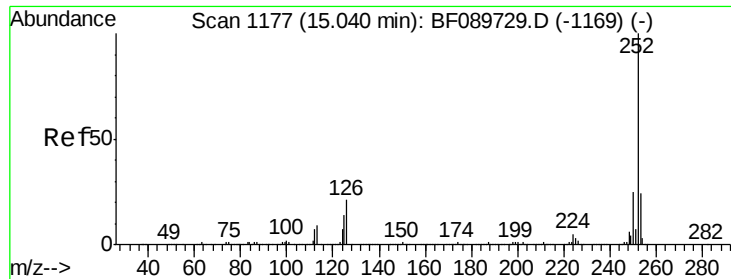


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.33 min Scan# 1202
Delta R.T. -0.08 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	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





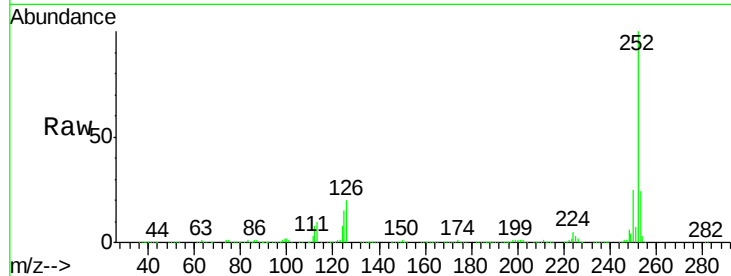
#87
Benzo(b)fluoranthene
Concen: 39.35 ng m
RT: 14.94 min Scan# 1168
Delta R.T. -0.07 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

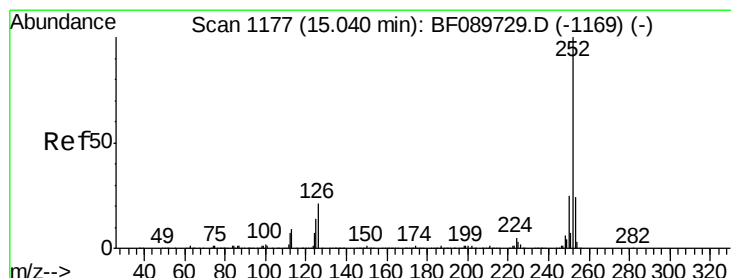
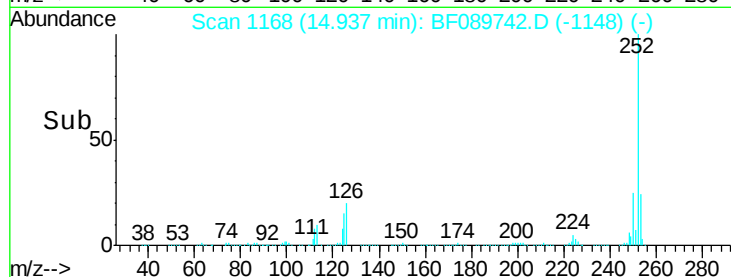
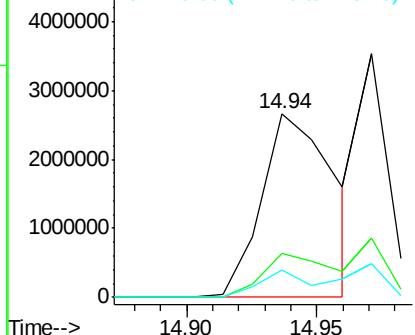
Tot Ion:252 Resp: 5123656
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 15.0 11.4 17.2

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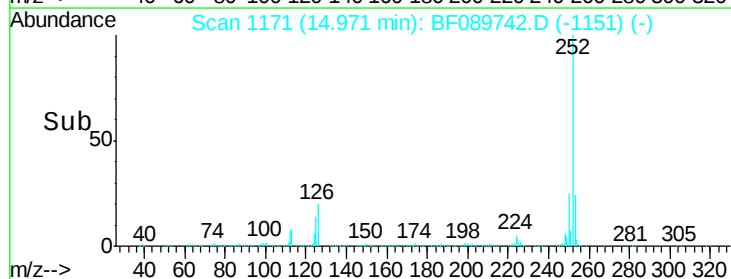
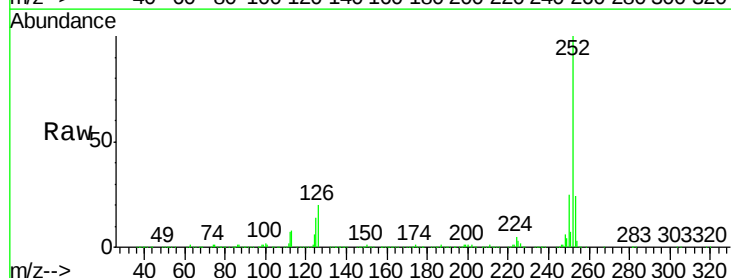
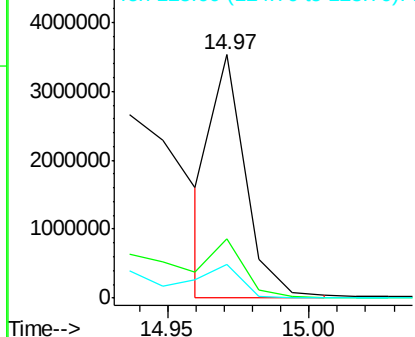
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

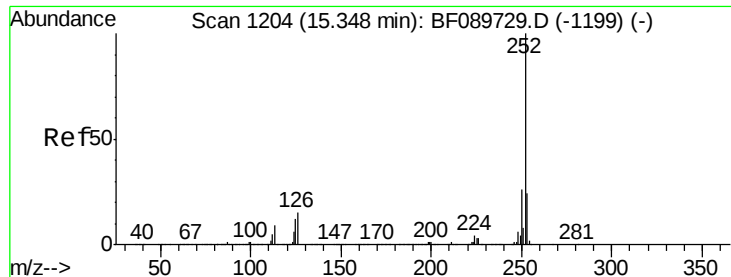


#88
Benzo(k)fluoranthene
Concen: 27.07 ng m
RT: 14.97 min Scan# 1171
Delta R.T. -0.07 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion:252 Resp: 2900701
Ion Ratio Lower Upper
252 100
253 24.3 18.4 27.6
125 13.8 9.8 14.6

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





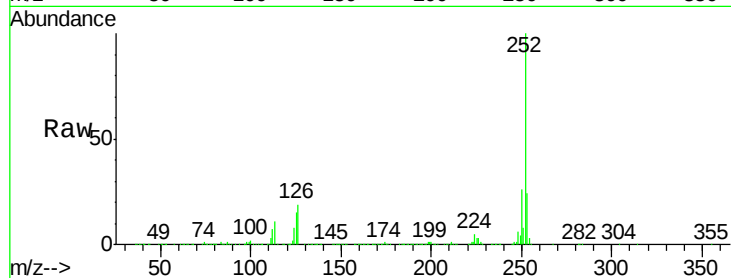
#89
Benzo(a)pyrene
Concen: 35.06 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.08 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Instrument :
BNA_F
ClientSampleId :
PB92811BSD

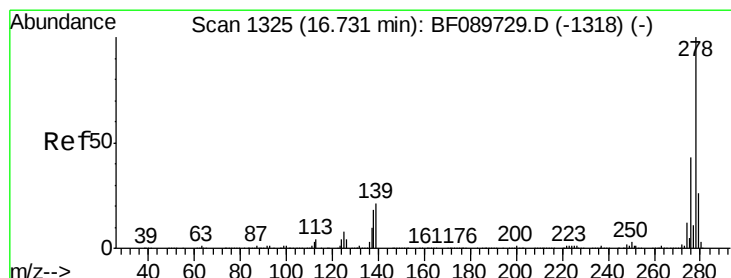
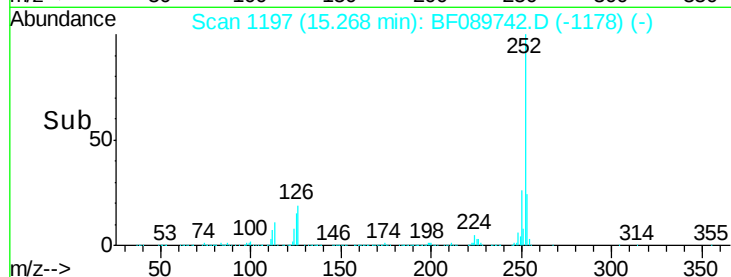
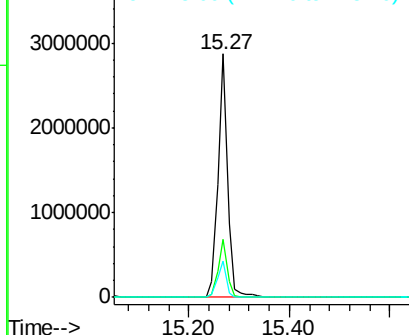
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	14.9	11.7	17.5

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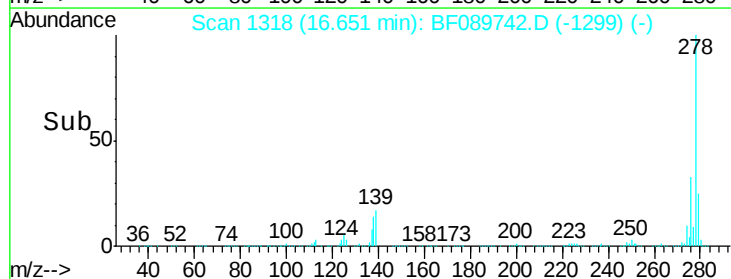
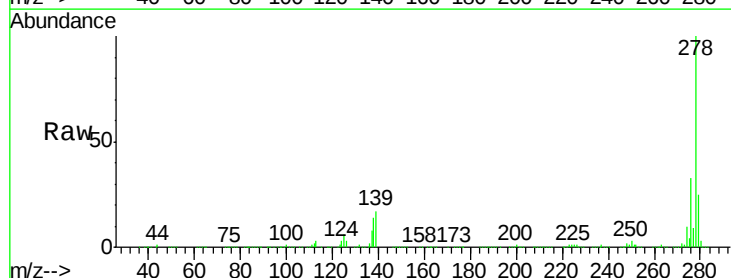
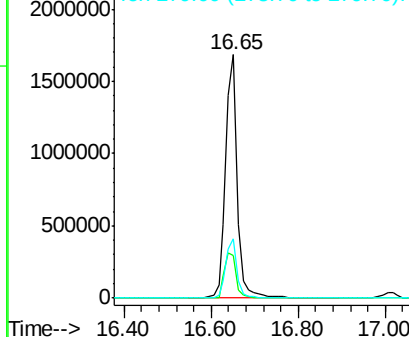
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

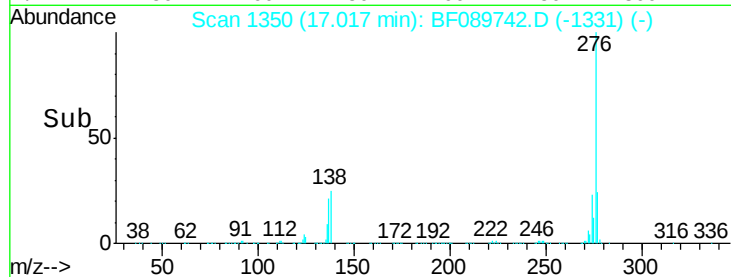
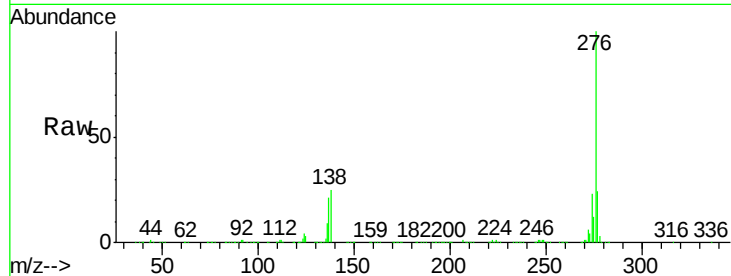
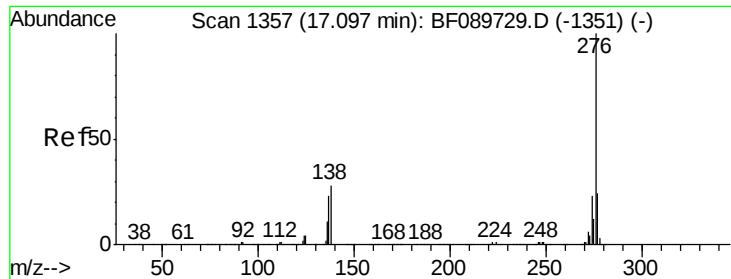


#90
Dibenzo(a,h)anthracene
Concen: 37.14 ng
RT: 16.65 min Scan# 1318
Delta R.T. -0.08 min
Lab File: BF089742.D
Acq: 17 Aug 2016 4:30

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.3	14.9	22.3
279	24.6	19.2	28.8

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.02 ng

RT: 17.02 min Scan# 1350

Delta R.T. -0.08 min

Lab File: BF089742.D

Acq: 17 Aug 2016 4:30

Tot Ion: 276 Resp: 3102775

Ion Ratio Lower Upper

276 100

277 24.2 19.2 28.8

138 24.7 22.1 33.1

Instrument :

BNA_F

ClientSampleId :

PB92811BSD

Manual Integrations

APPROVED

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