

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081616\
 Data File : BF089730.D
 Acq On : 16 Aug 2016 17:43
 Operator : UM/SJ
 Sample : SSTDICC050
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Manual Integrations
 APPROVED

umangi
 8/17/2016 5:58:14 AM

Quant Time: Aug 16 18:44:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 16 18:33:37 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	633238	20.00	ng	0.01
21) Naphthalene-d8	7.99	136	2573502	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	1247861	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	2260693	20.00	ng	0.00
75) Chrysene-d12	13.89	240	1869835	20.00	ng	-0.01
86) Perylene-d12	15.36	264	1548721	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.28	112	3820340	48.28	ng	0.00
7) Phenol-d6	6.34	99	4583539	46.46	ng	0.01
23) Nitrobenzene-d5	7.27	82	4262332	50.19	ng	0.00
41) 2,4,6-Tribromophenol	10.52	330	1053316	42.52	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	5742298	40.12	ng	0.00
78) Terphenyl-d14	12.81	244	5378232	40.98	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.20	88	895153	43.54	ng	98
3) Pyridine	2.84	79	2376411	46.40	ng	99
4) n-Nitrosodimethylamine	2.81	42	983941	45.85	ng	88
6) Aniline	6.36	93	3040010	44.59	ng	99
8) 2-Chlorophenol	6.48	128	2073617	47.50	ng	99
9) Benzaldehyde	6.24	77	1475250	44.25	ng	94
10) Phenol	6.35	94	3025889	51.06	ng	98
11) bis(2-Chloroethyl)ether	6.44	93	2046983	47.23	ng	98
12) 1,3-Dichlorobenzene	6.64	146	2160020	45.70	ng	99
13) 1,4-Dichlorobenzene	6.72	146	2276946	47.89	ng	99
14) 1,2-Dichlorobenzene	6.88	146	2262596	49.80	ng	98
15) Benzyl Alcohol	6.84	79	1521769	42.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	2645866	47.79	ng	94
17) 2-Methylphenol	6.96	107	1778509	48.88	ng	98
18) Hexachloroethane	7.22	117	887293	49.87	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	1513584	47.14	ng	96
20) 3+4-Methylphenols	7.12	107	2084192	46.58	ng	99
22) Acetophenone	7.12	105	2642363	43.05	ng	92
24) Nitrobenzene	7.29	77	2201000	48.29	ng	97
25) Isophorone	7.54	82	4141273	48.76	ng	# 91
26) 2-Nitrophenol	7.61	139	1234749	58.43	ng	99
27) 2,4-Dimethylphenol	7.66	122	2213632	52.66	ng	99
28) bis(2-Chloroethoxy)methane	7.75	93	2410733	44.66	ng	98
29) 2,4-Dichlorophenol	7.85	162	1837699	51.43	ng	99
30) 1,2,4-Trichlorobenzene	7.93	180	1749968	46.50	ng	99
31) Naphthalene	8.01	128	5082366	43.89	ng	95
32) Benzoic acid	7.79	122	1698335	63.05	ng	99
33) 4-Chloroaniline	8.07	127	2674766	48.29	ng	97
34) Hexachlorobutadiene	8.14	225	907716	47.31	ng	99
35) Caprolactam	8.46	113	580005	52.57	ng	89
36) 4-Chloro-3-methylphenol	8.55	107	1705855	45.82	ng	93
37) 2-Methylnaphthalene	8.71	142	3959664	49.52	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	1681584	48.19	ng	98
40) Hexachlorocyclopentadiene	8.87	237	919696	47.72	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	1404465	56.11	ng	99
43) 2,4,5-Trichlorophenol	9.02	196	1059308	44.43	ng #	93
45) 1,1'-Biphenyl	9.18	154	4848432	46.90	ng	92
46) 2-Chloronaphthalene	9.19	162	3397687	45.33	ng	97
47) 2-Nitroaniline	9.29	65	1207043	49.80	ng #	61
48) Acenaphthylene	9.60	152	5514294	46.73	ng	96
49) Dimethylphthalate	9.48	163	4550281	52.03	ng #	98
50) 2,6-Dinitrotoluene	9.53	165	884993	45.68	ng #	80
51) Acenaphthene	9.78	154	3908194	50.59	ng	99
52) 3-Nitroaniline	9.70	138	1341693	53.40	ng	84
53) 2,4-Dinitrophenol	9.79	184	437604	63.57	ng #	80
54) Dibenzofuran	9.94	168	4630814	42.28	ng	99
55) 4-Nitrophenol	9.85	139	872833	45.44	ng #	82
56) 2,4-Dinitrotoluene	9.93	165	1219746	48.74	ng #	64
57) Fluorene	10.28	166	3283080	41.79	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.07	232	943729	45.82	ng	97
59) Diethylphthalate	10.18	149	4476138	50.08	ng	95
60) 4-Chlorophenyl-phenylether	10.28	204	1523315	43.94	ng	94
61) 4-Nitroaniline	10.31	138	1162554	52.40	ng	93
62) Azobenzene	10.44	77	4187327	43.23	ng	97
64) 4,6-Dinitro-2-methylphenol	10.34	198	756054	62.35	ng #	65
65) n-Nitrosodiphenylamine	10.41	169	3697858	50.65	ng	98
66) 4-Bromophenyl-phenylether	10.78	248	1211660	52.35	ng #	89
67) Hexachlorobenzene	10.83	284	1265894	48.72	ng #	86
68) Atrazine	10.94	200	923267	43.01	ng	95
69) Pentachlorophenol	11.03	266	840811	53.67	ng	98
70) Phenanthrene	11.24	178	5503813m	49.08	ng	
71) Anthracene	11.29	178	4971869	42.37	ng	95
72) Carbazole	11.45	167	5404499	48.33	ng	95
73) Di-n-butylphthalate	11.79	149	5950061	46.14	ng	96
74) Fluoranthene	12.42	202	4944248	41.73	ng	90
76) Benzidine	12.55	184	3055946	47.72	ng	96
77) Pyrene	12.65	202	5212928m	43.49	ng	
79) Butylbenzylphthalate	13.30	149	3022453	55.18	ng	97
80) Benzo(a)anthracene	13.87	228	4814347	44.86	ng	95
81) 3,3'-Dichlorobenzidine	13.85	252	2013436	51.10	ng #	93
82) Chrysene	13.92	228	4516608	46.85	ng	96
83) Bis(2-ethylhexyl)phthalate	13.90	149	3756878	48.80	ng #	99
84) Di-n-octyl phthalate	14.57	149	5723786	49.39	ng	98
85) Indeno(1,2,3-cd)pyrene	16.67	276	3917974	47.46	ng	99
87) Benzo(b)fluoranthene	14.98	252	4708839	49.13	ng #	95
88) Benzo(k)fluoranthene	15.01	252	3651024m	47.63	ng	
89) Benzo(a)pyrene	15.31	252	4077823	50.72	ng #	94
90) Dibenzo(a,h)anthracene	16.70	278	3204678	50.76	ng	97
91) Benzo(g,h,i)perylene	17.06	276	3234853	50.55	ng	95

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

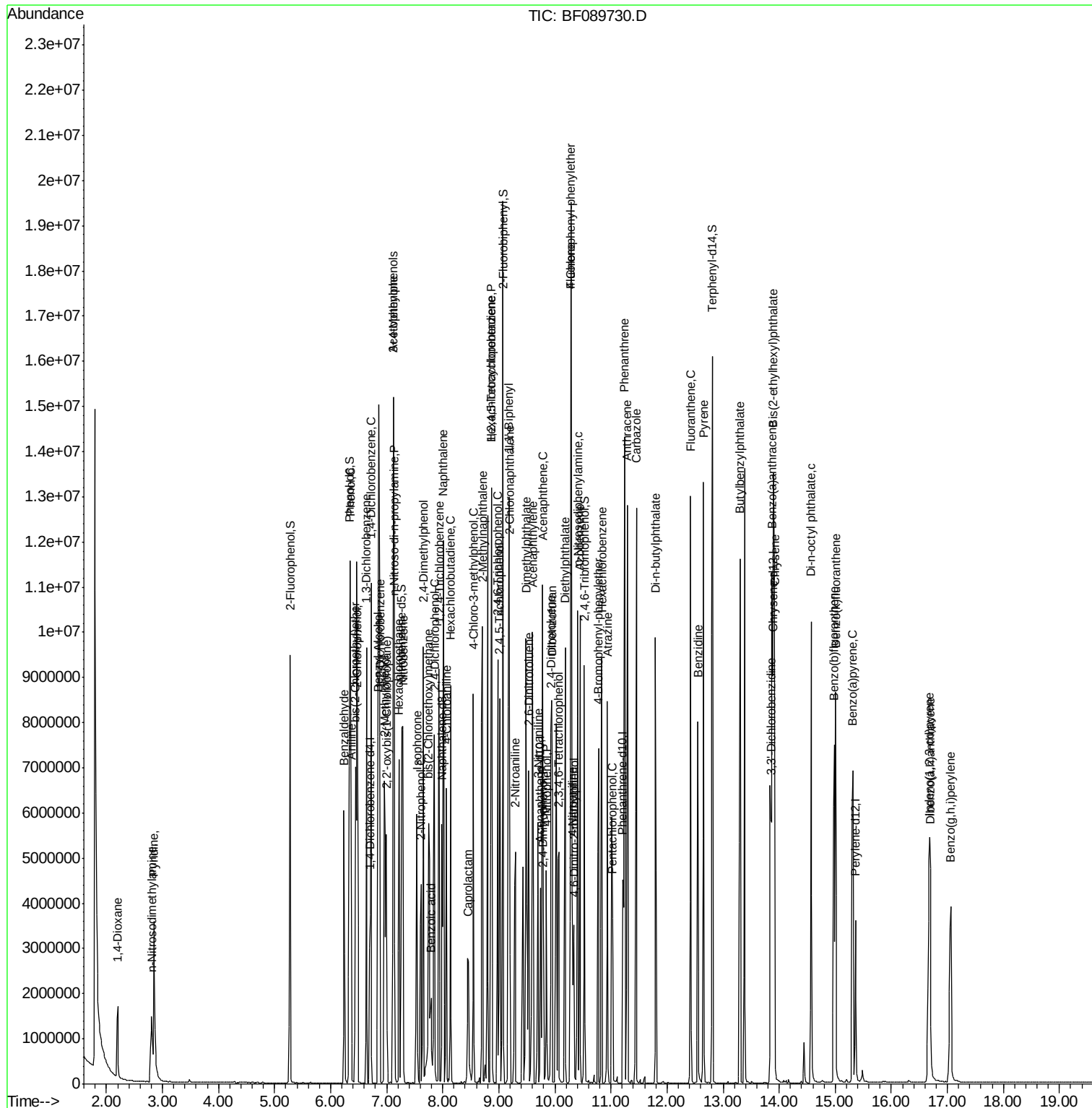
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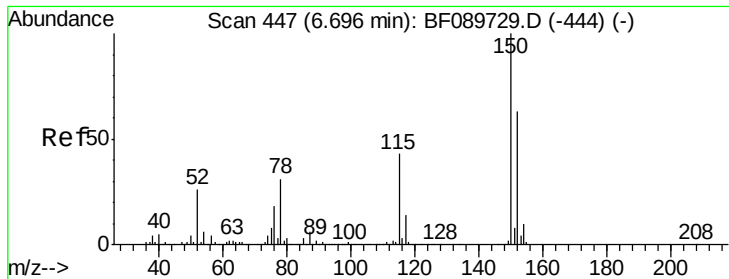
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

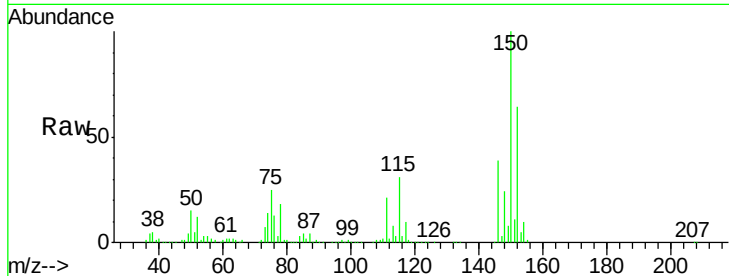
ClientSampleId :

SSTDICC050

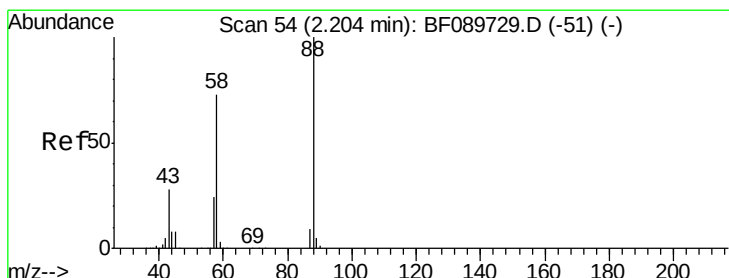
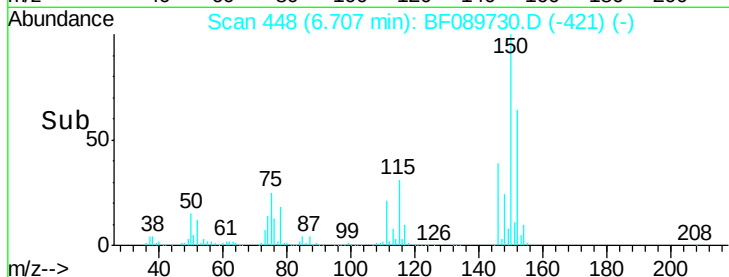
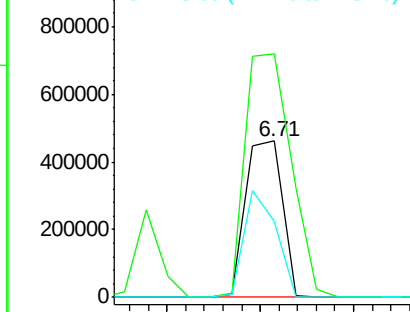
Tgt Ion:	152	Resp:	633238
Ion Ratio	Lower	Upper	
152	100		
150	156.0	125.3	187.9
115	48.5	40.9	61.3

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



#2

1,4-Dioxane

Concen: 43.54 ng

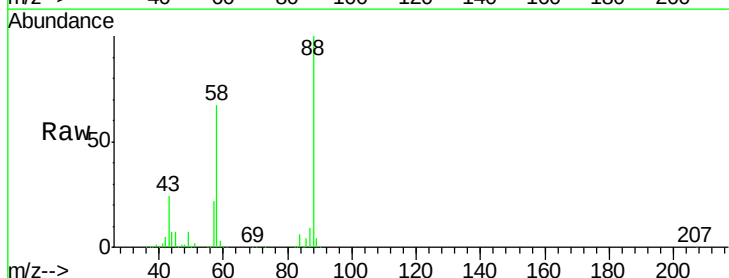
RT: 2.20 min Scan# 54

Delta R.T. 0.00 min

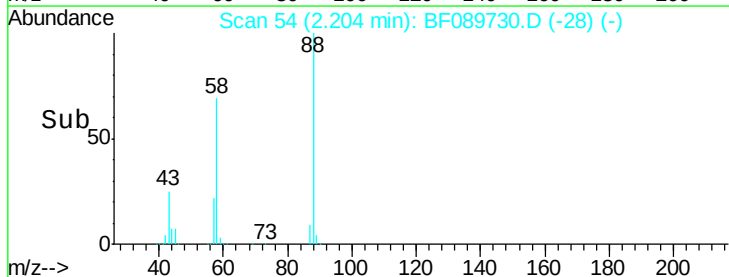
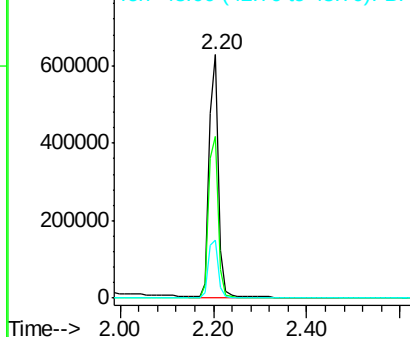
Lab File: BF089730.D

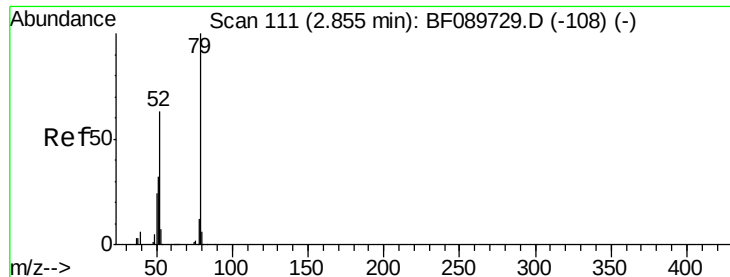
Acq: 16 Aug 2016 17:43

Tgt Ion:	88	Resp:	895153
Ion Ratio	Lower	Upper	
88	100		
58	69.3	57.0	85.4
43	25.8	21.8	32.8



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





#3

Pyridine

Concen: 46.40 ng

RT: 2.84 min Scan# 110

Delta R.T. -0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 2376411

Ion Ratio Lower Upper

79 100

52 66.0 53.6 80.4

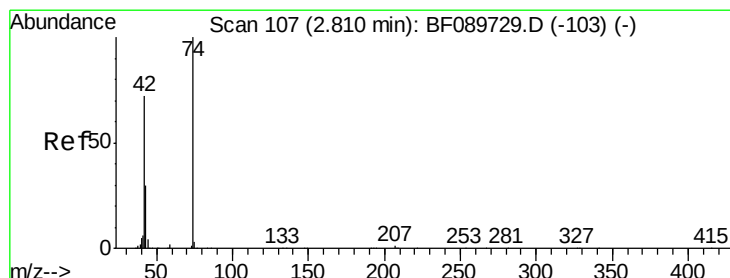
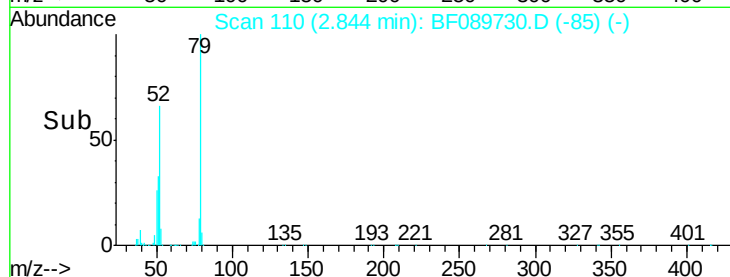
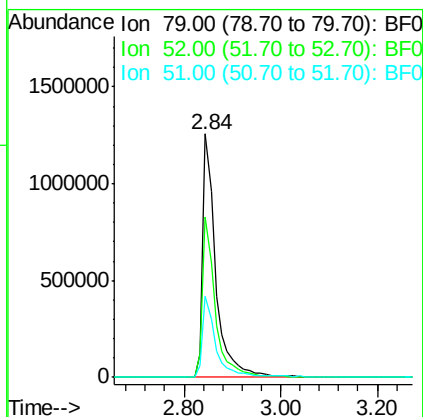
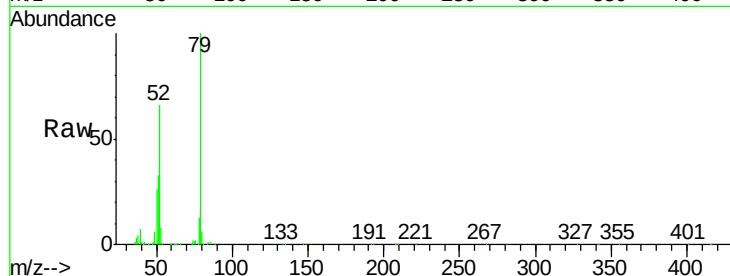
51 33.1 26.6 39.8

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#4

n-Nitrosodimethylamine

Concen: 45.85 ng

RT: 2.81 min Scan# 107

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

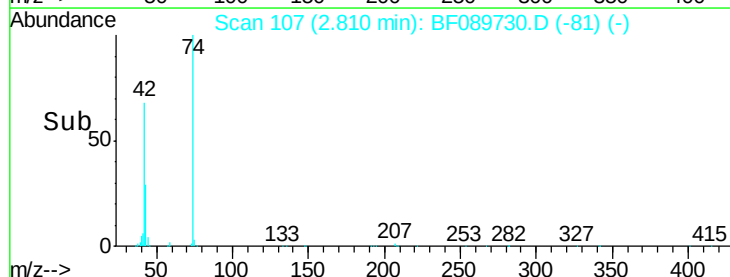
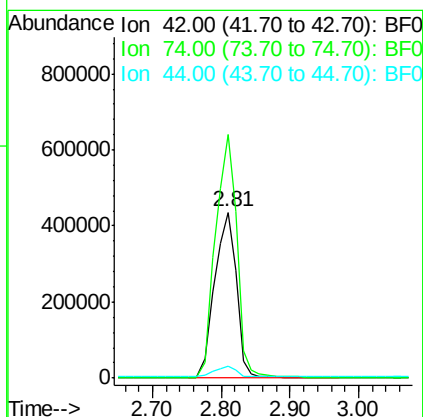
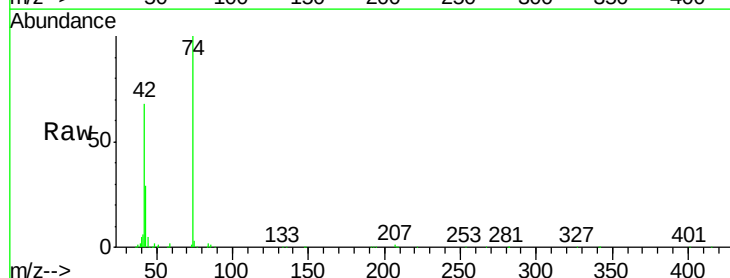
Tgt Ion: 42 Resp: 983941

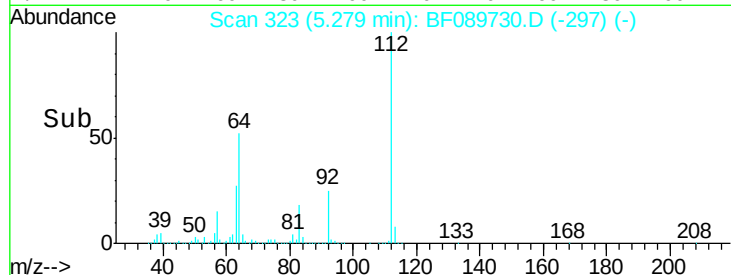
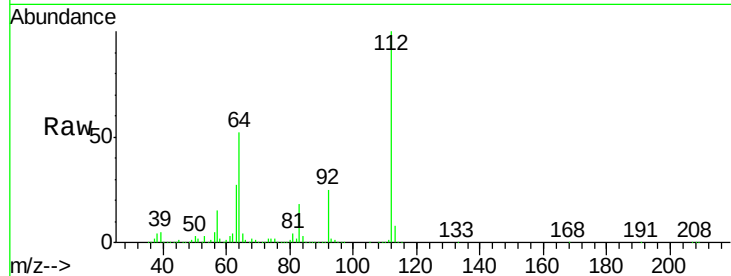
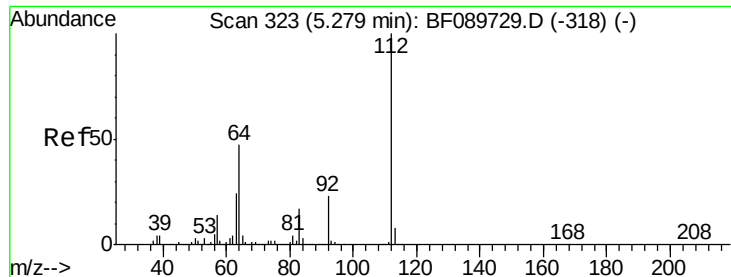
Ion Ratio Lower Upper

42 100

74 146.8 106.2 159.2

44 7.0 6.9 10.3





#5

2-Fluorophenol

Concen: 48.28 ng

RT: 5.28 min Scan# 323

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	112	Resp:	3820340
Ion	Ratio	Lower	Upper
112	100		
64	51.9	45.0	67.4
63	26.7	23.1	34.7

Instrument :

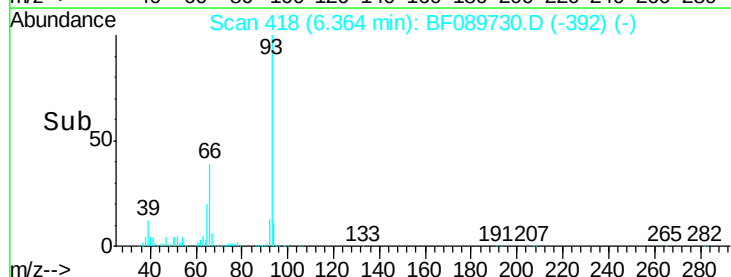
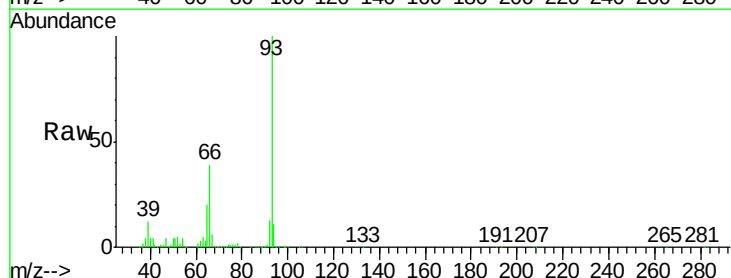
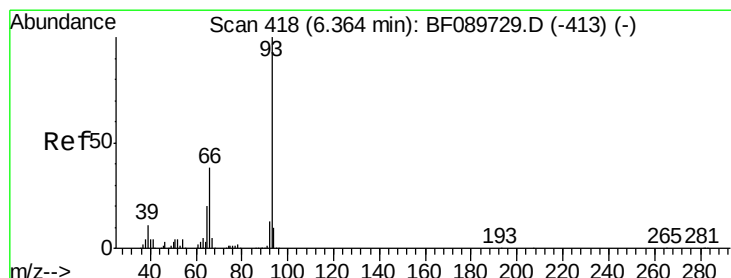
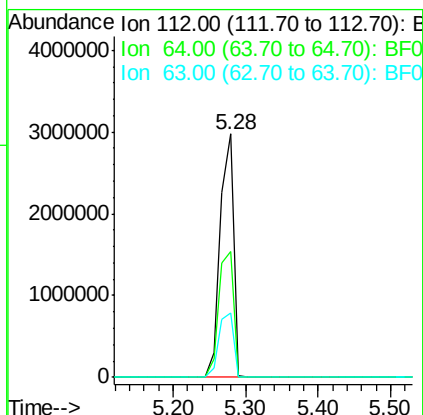
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#6

Aniline

Concen: 44.59 ng

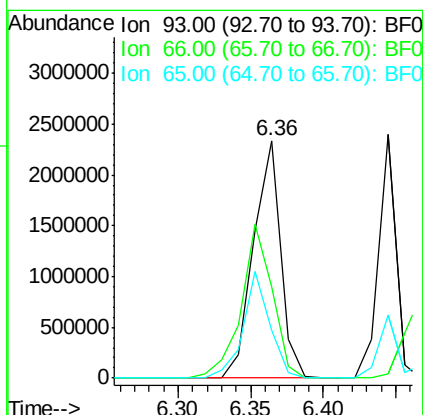
RT: 6.36 min Scan# 418

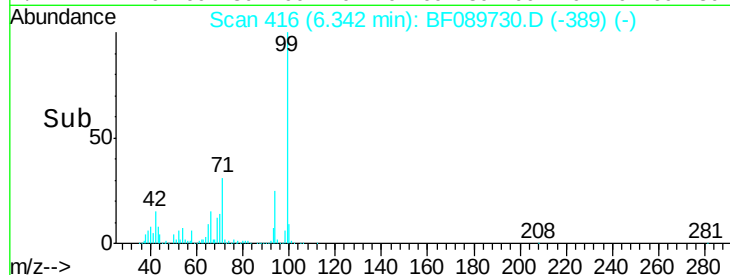
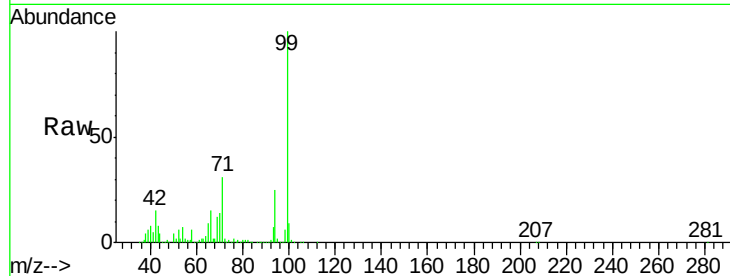
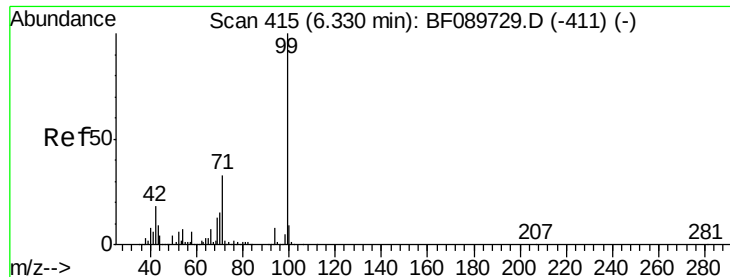
Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	93	Resp:	3040010
Ion	Ratio	Lower	Upper
93	100		
66	38.7	30.6	46.0
65	20.0	15.4	23.2





#7

Phenol-d6

Concen: 46.46 ng

RT: 6.34 min Scan# 416

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	99	Resp:	4583539
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.2	18.4
71	30.9	23.8	35.8

Instrument :

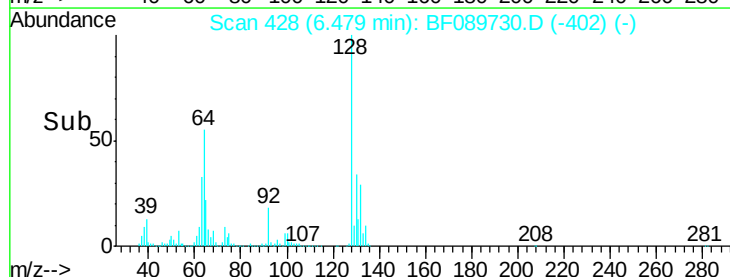
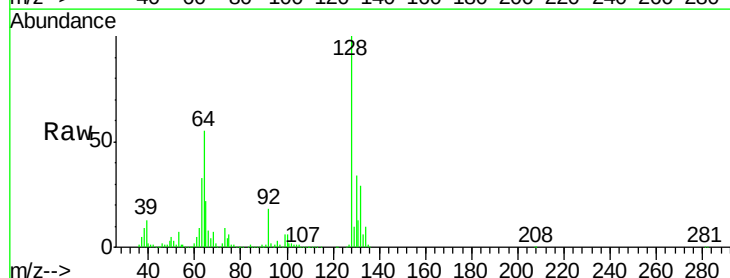
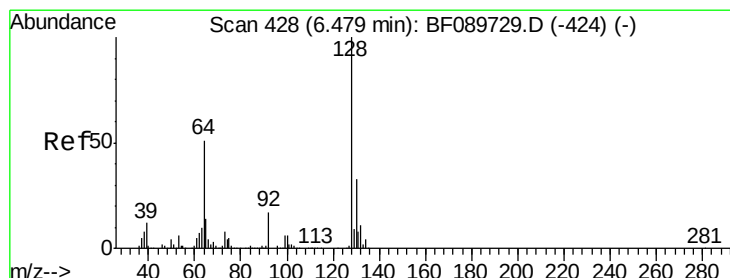
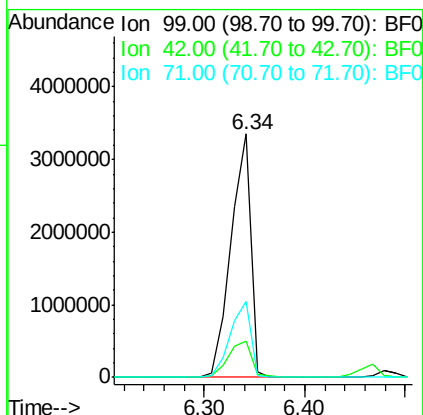
BNA_F

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#8

2-Chlorophenol

Concen: 47.50 ng

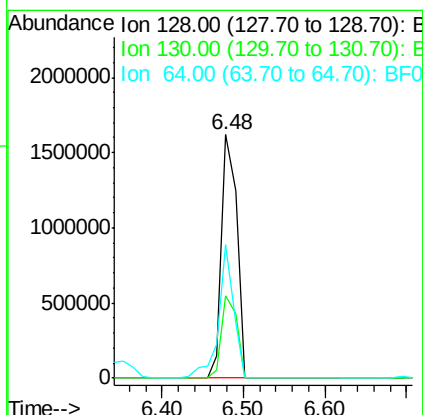
RT: 6.48 min Scan# 428

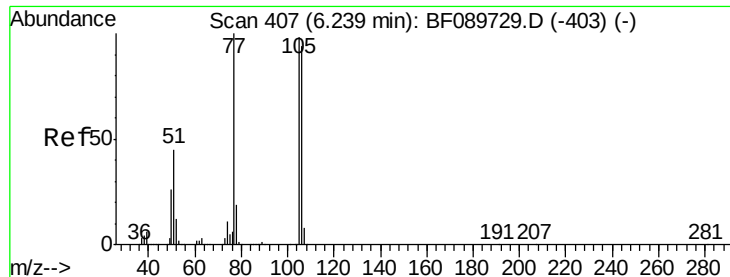
Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	128	Resp:	2073617
Ion	Ratio	Lower	Upper
128	100		
130	33.6	12.0	52.0
64	55.0	35.1	75.1





#9

Benzaldehyde

Concen: 44.25 ng

RT: 6.24 min Scan# 407

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 77 Resp: 1475250

Ion Ratio Lower Upper

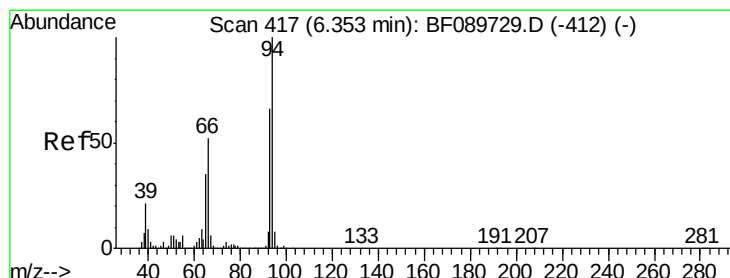
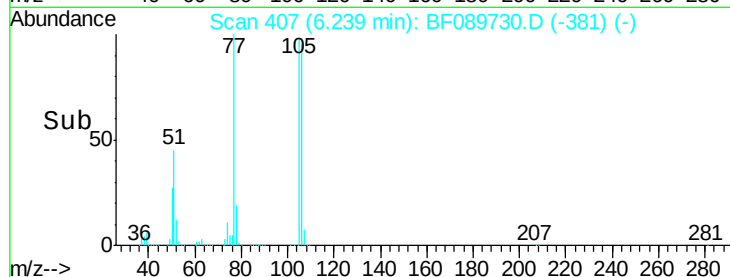
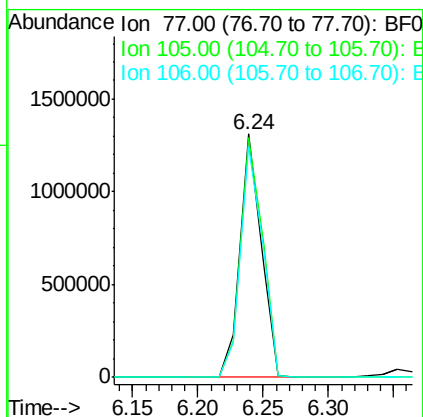
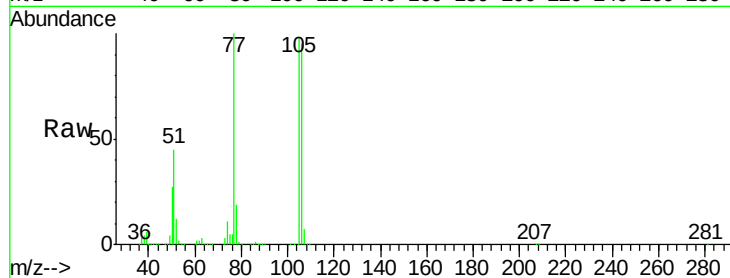
77 100

105 98.4 73.3 113.3

106 94.8 68.6 108.6

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#10

Phenol

Concen: 51.06 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

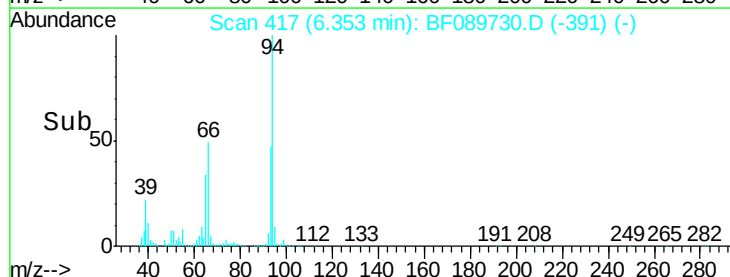
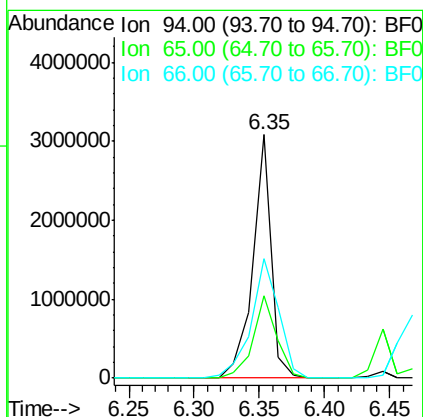
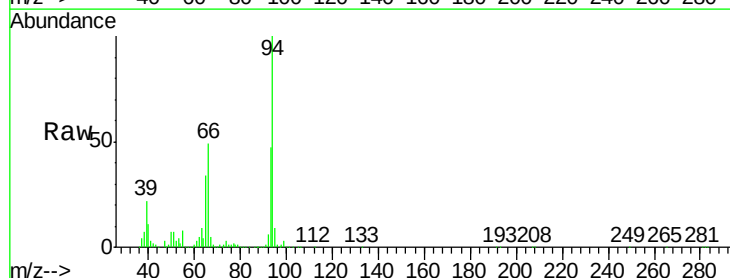
Tgt Ion: 94 Resp: 3025889

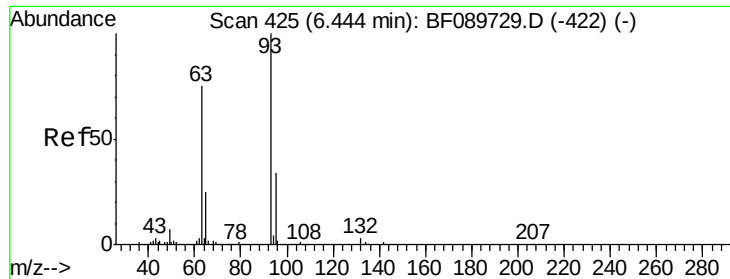
Ion Ratio Lower Upper

94 100

65 34.0 14.0 54.0

66 49.2 31.2 71.2





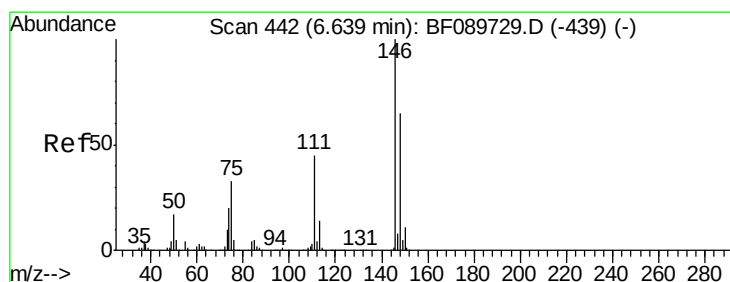
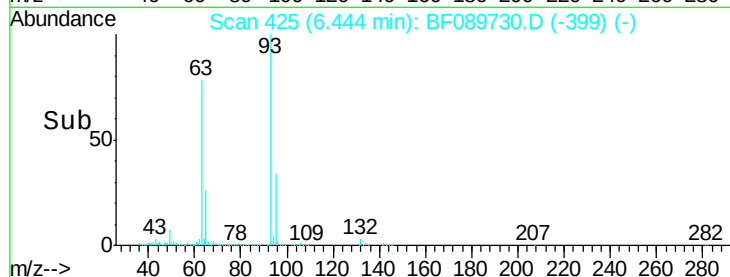
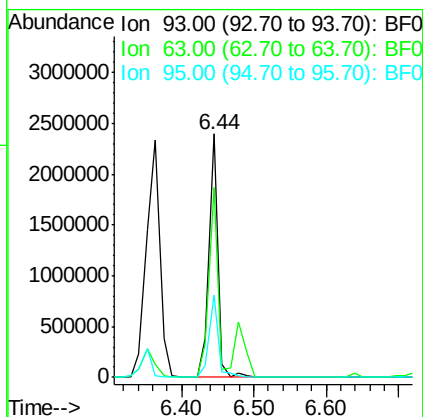
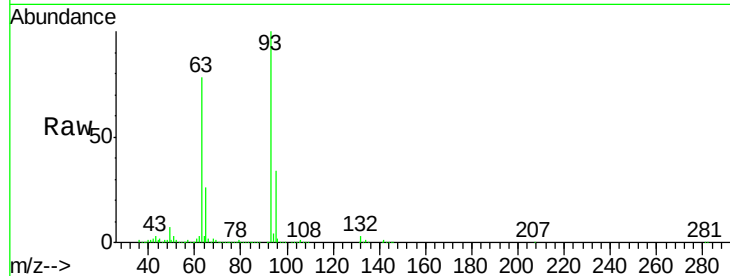
#11
bis(2-Chloroethyl)ether
Concen: 47.23 ng
RT: 6.44 min Scan# 425
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 93 Resp: 2046983
Ion Ratio Lower Upper
93 100
63 77.8 55.8 95.8
95 34.1 13.0 53.0

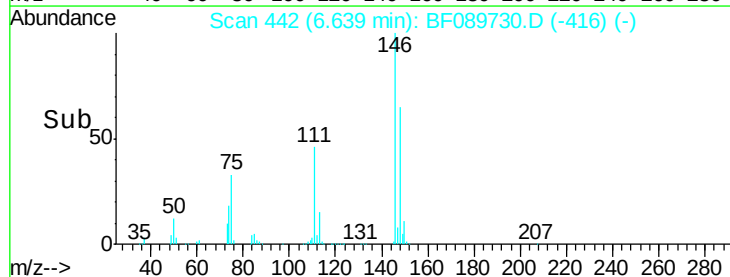
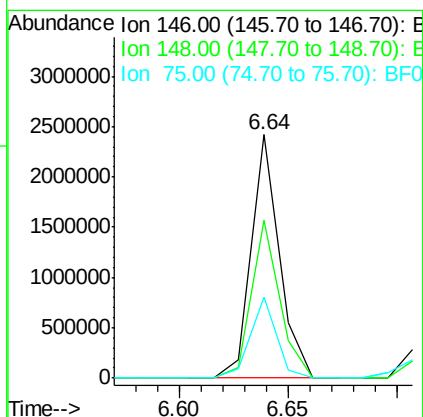
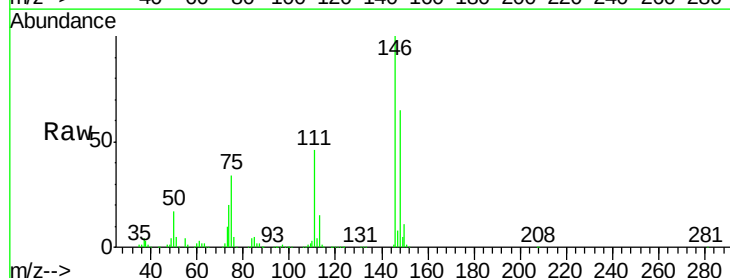
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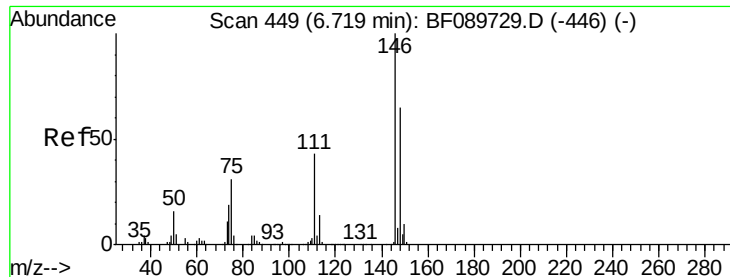
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#12
1,3-Dichlorobenzene
Concen: 45.70 ng
RT: 6.64 min Scan# 442
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion: 146 Resp: 2160020
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 33.5 27.0 40.6





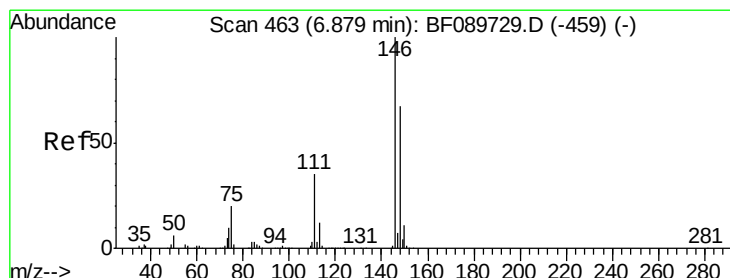
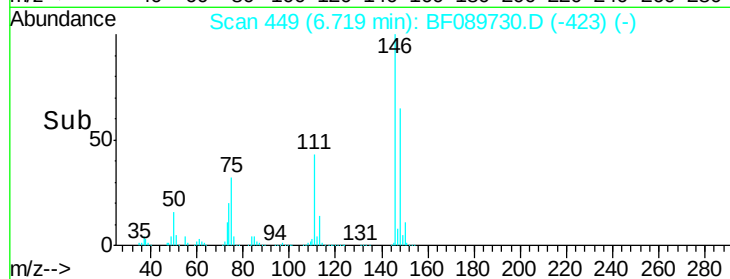
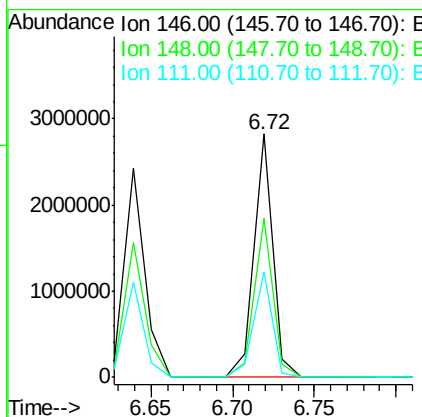
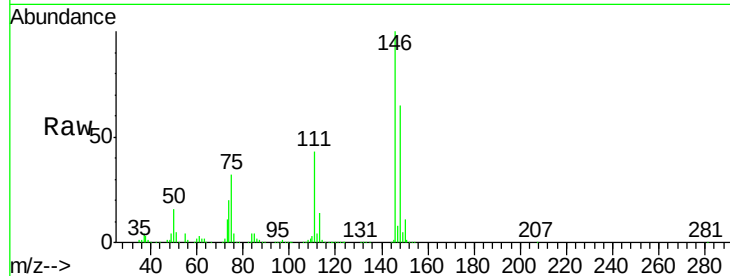
#13
 1,4-Dichlorobenzene
 Concen: 47.89 ng
 RT: 6.72 min Scan# 449
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.0	76.6
111	43.3	34.6	52.0

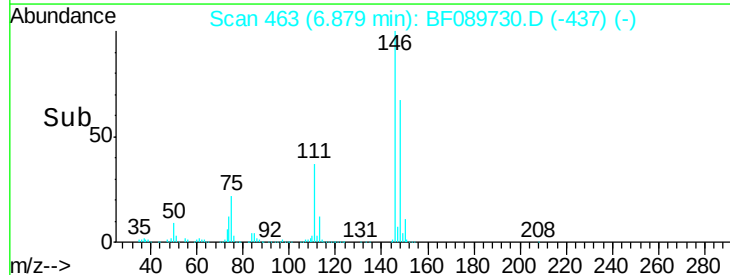
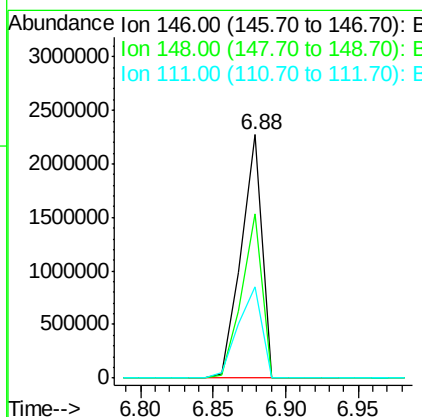
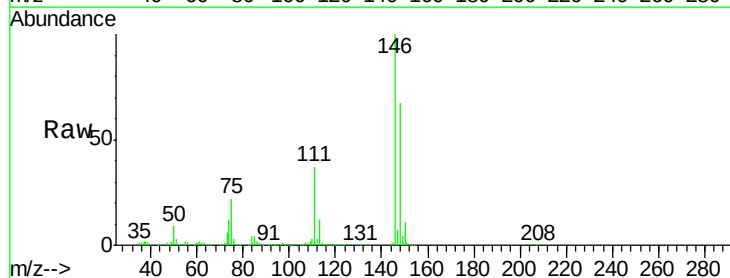
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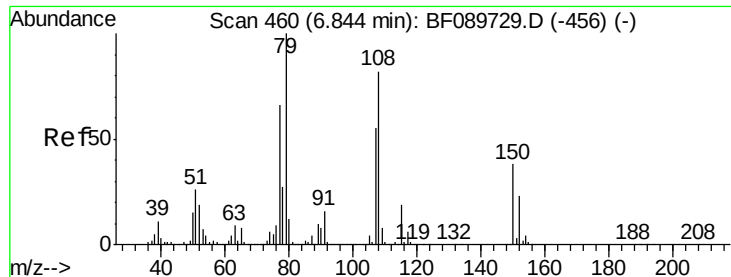
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#14
 1,2-Dichlorobenzene
 Concen: 49.80 ng
 RT: 6.88 min Scan# 463
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.2	52.2	78.2
111	37.5	29.8	44.6





#15

Benzyl Alcohol

Concen: 42.94 ng

RT: 6.84 min Scan# 460

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion: 79 Resp: 1521769

Ion Ratio Lower Upper

79 100

108 82.5 62.5 93.7

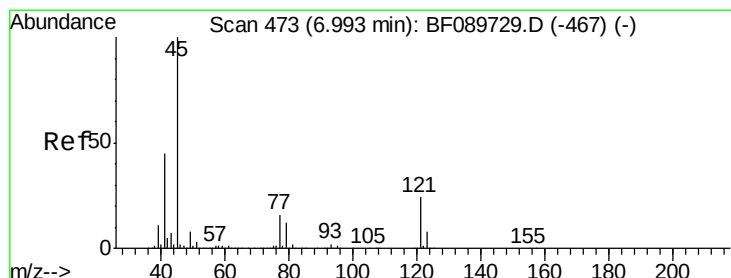
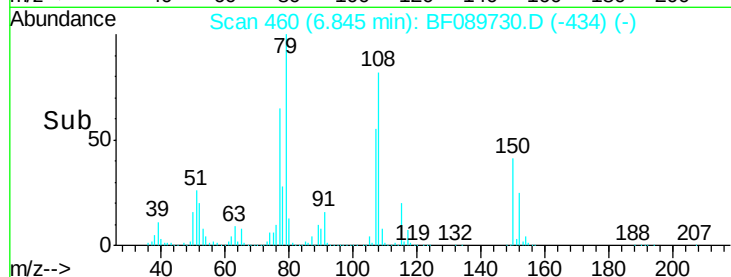
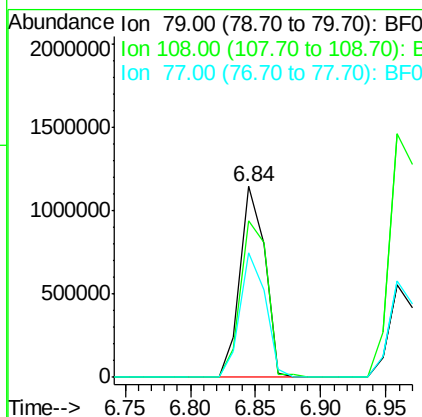
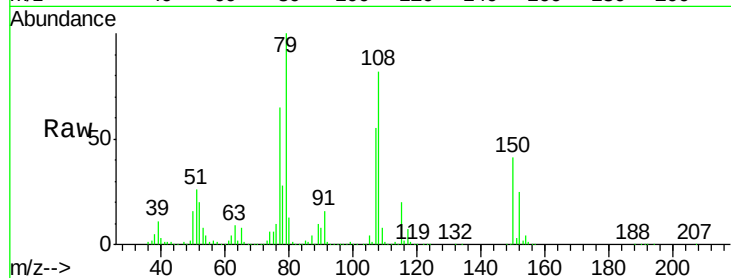
77 65.4 51.5 77.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.79 ng

RT: 6.99 min Scan# 473

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

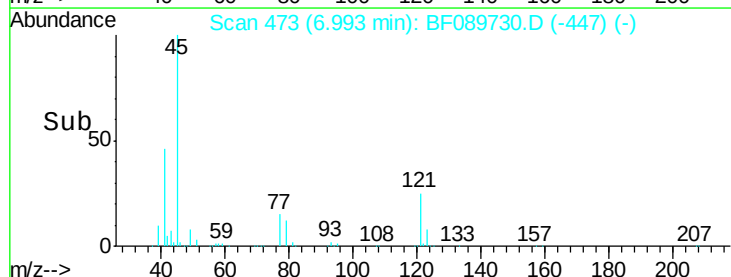
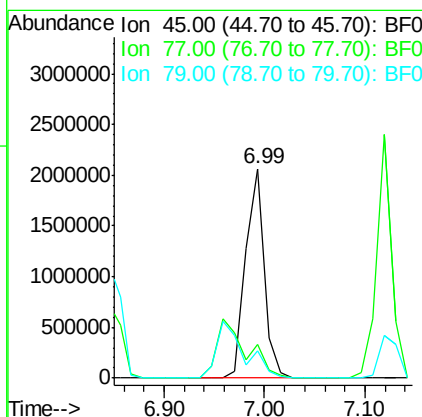
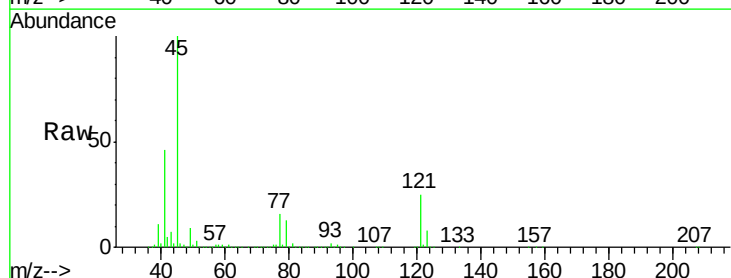
Tgt Ion: 45 Resp: 2645866

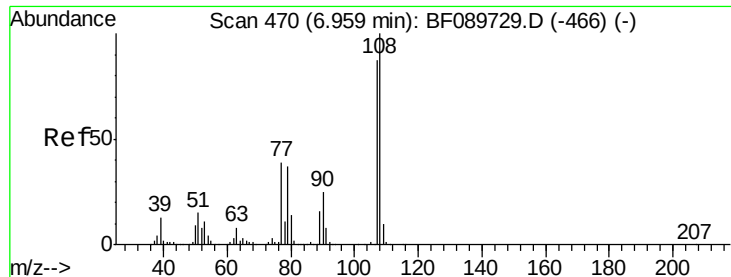
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.5

79 12.8 0.0 30.7





#17

2-Methylphenol

Concen: 48.88 ng

RT: 6.96 min Scan# 470

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:107 Resp: 1778509

Ion Ratio Lower Upper

107 100

108 116.9 91.0 136.4

77 46.5 37.4 56.0

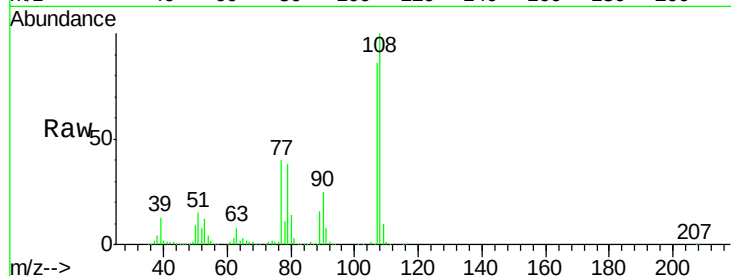
79 44.7 36.6 55.0

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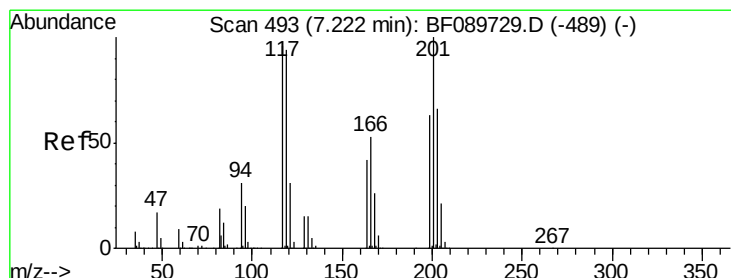
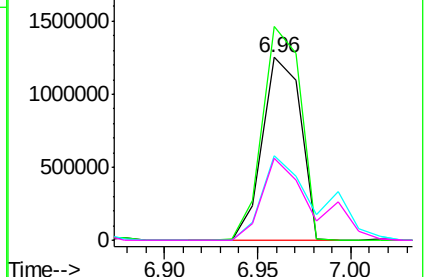
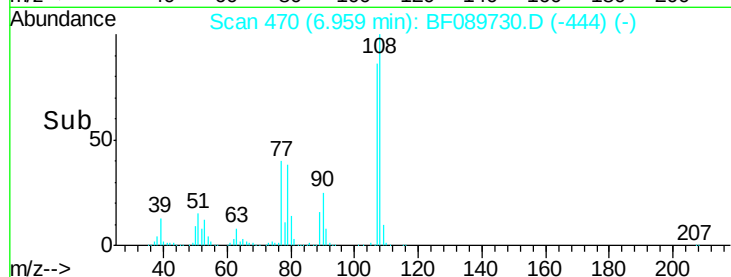


Abundance Ion 107.00 (106.70 to 107.70): E

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: 49.87 ng

RT: 7.22 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

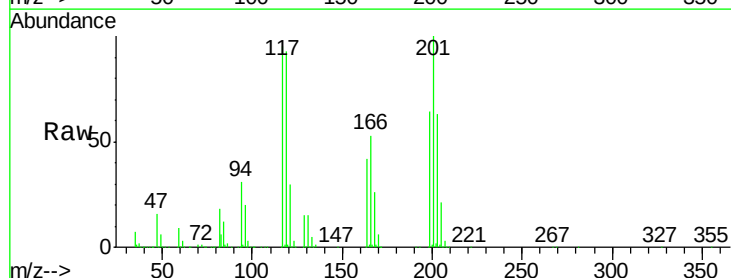
Tgt Ion:117 Resp: 887293

Ion Ratio Lower Upper

117 100

119 97.9 77.1 115.7

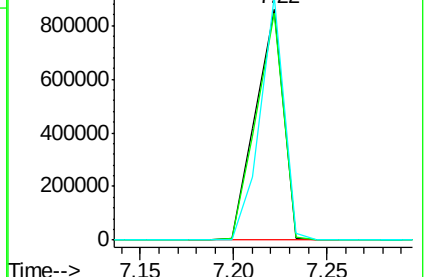
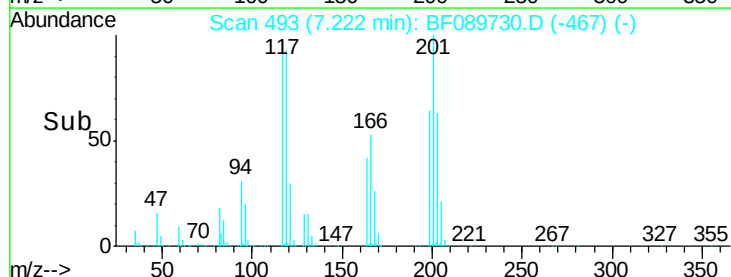
201 105.3 76.9 115.3

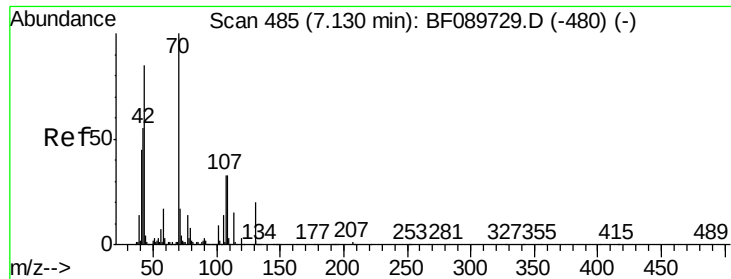


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





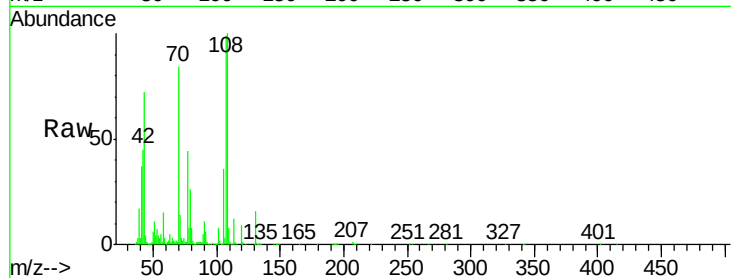
#19
n-Nitroso-di-n-propylamine
Concen: 47.14 ng
RT: 7.13 min Scan# 485
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
70	100		
42	53.7	46.3	69.5
101	9.0	7.0	10.6
130	19.1	14.4	21.6

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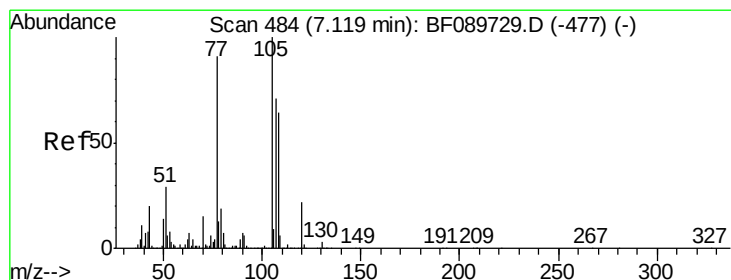
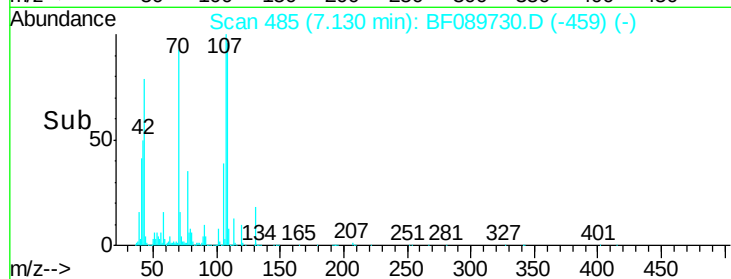
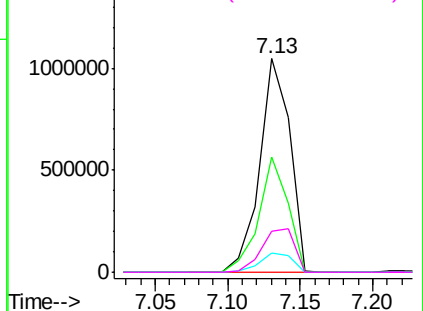
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20
3+4-Methylphenols
Concen: 46.58 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.2	108.2
77	143.2	122.3	162.3
79	25.5	8.2	48.2

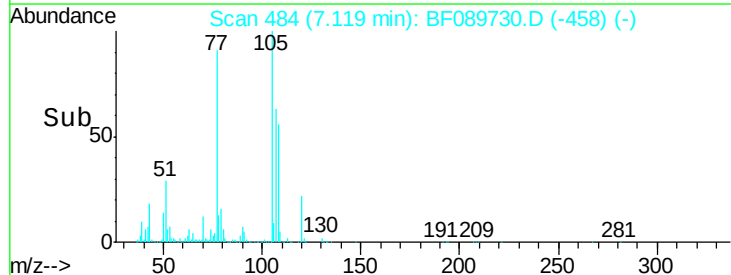
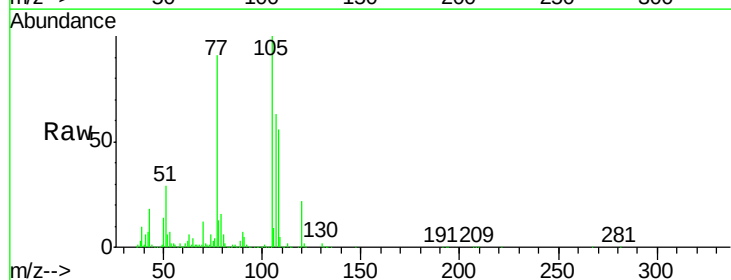
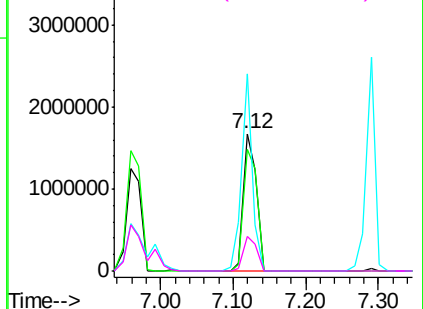
Abundance

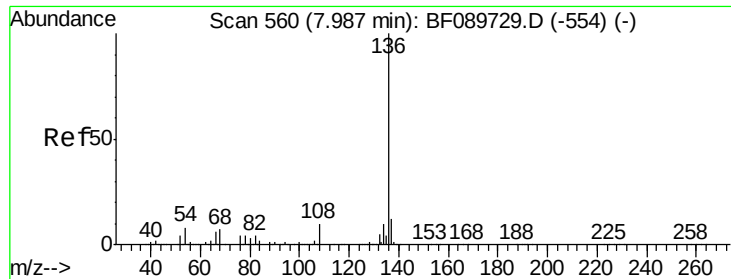
Ion 107.00 (106.70 to 107.70): E

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





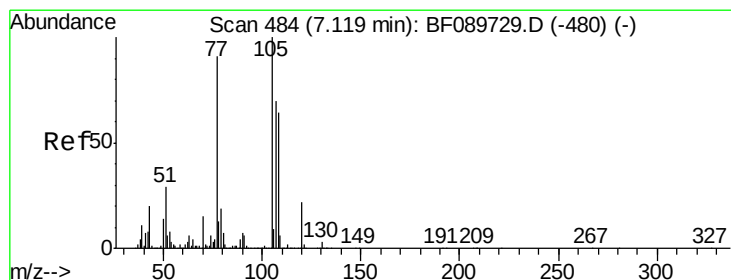
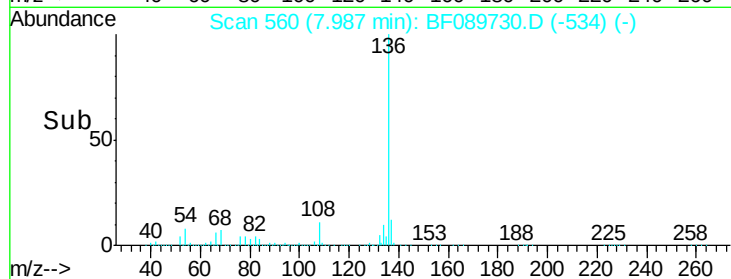
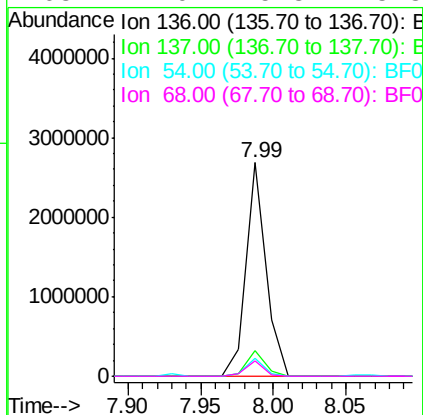
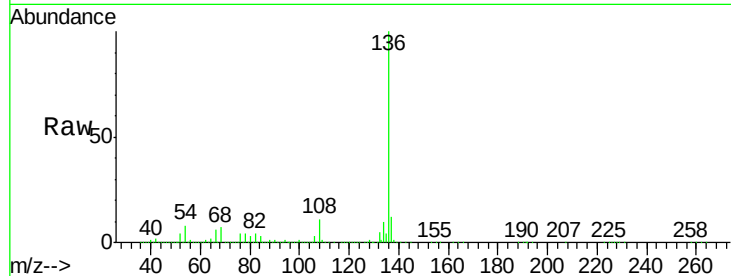
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.99 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.2	13.8
54	8.2	7.2	10.8
68	7.0	5.8	8.8

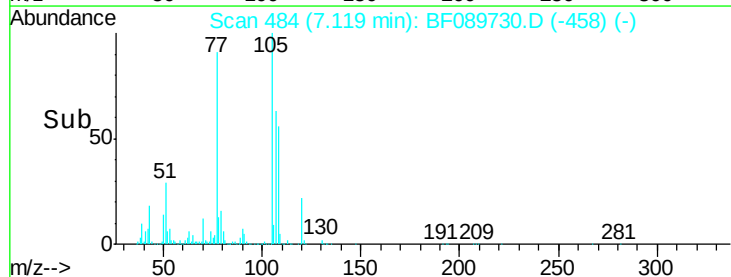
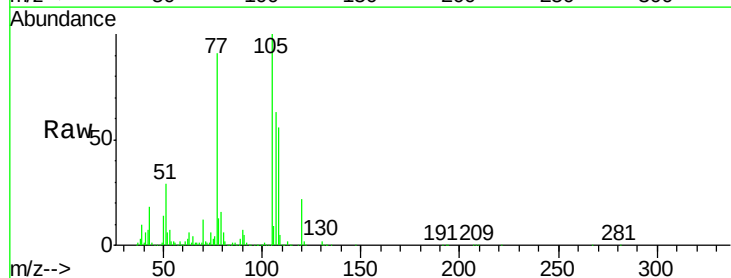
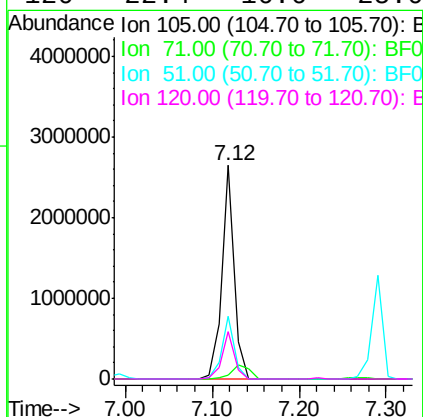
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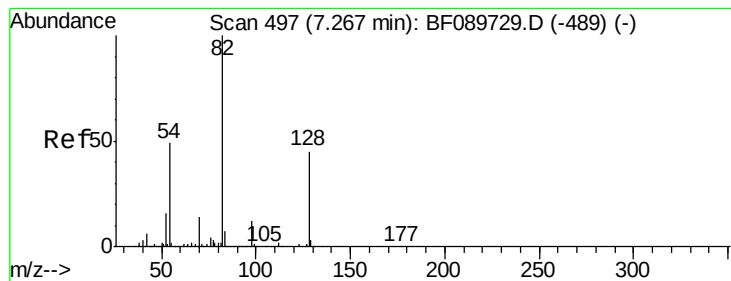
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#22
Acetophenone
Concen: 43.05 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	2.0	1.9	2.9
51	29.4	28.5	42.7
120	22.4	16.6	25.0





#23

Nitrobenzene-d5

Concen: 50.19 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	82	Resp:	4262332
Ion	Ratio	Lower	Upper
82	100		
128	44.5	34.4	51.6
54	49.0	40.3	60.5

Instrument :

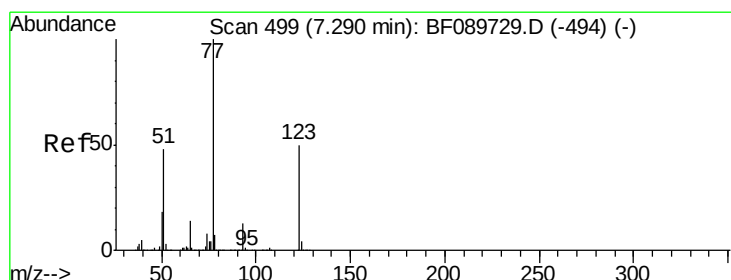
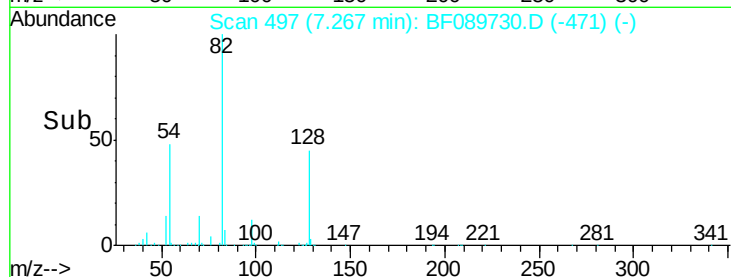
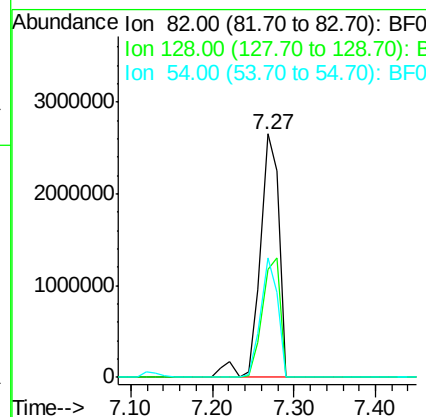
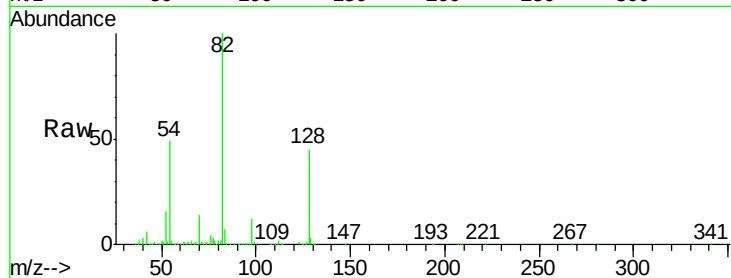
BNA_F

ClientSampleId :

SSTDIC050

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#24

Nitrobenzene

Concen: 48.29 ng

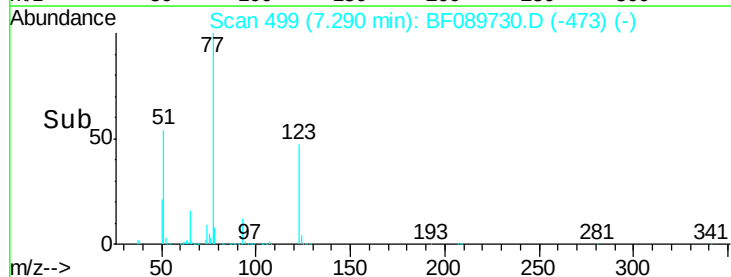
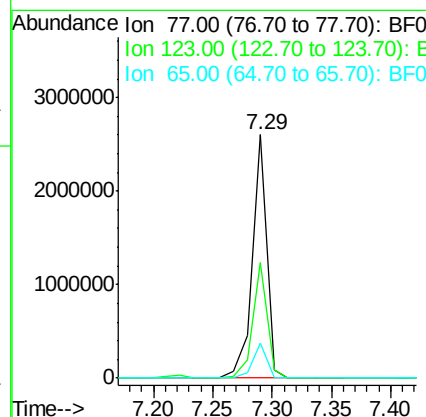
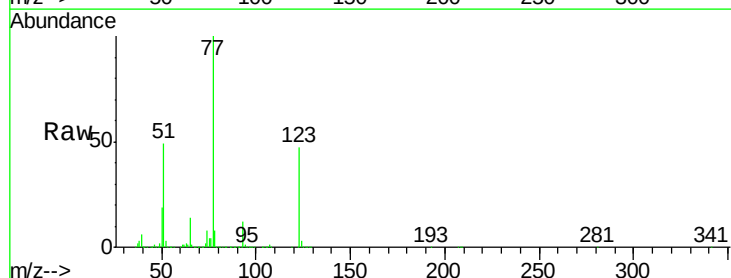
RT: 7.29 min Scan# 499

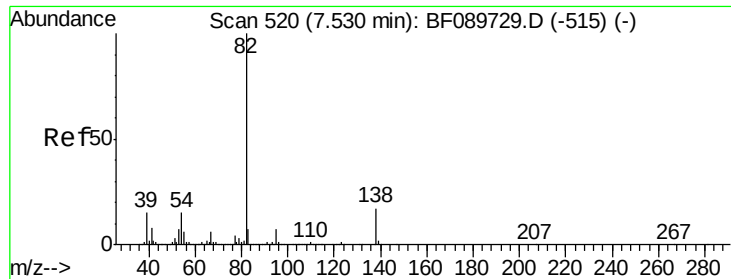
Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	77	Resp:	2201000
Ion	Ratio	Lower	Upper
77	100		
123	47.3	36.2	54.2
65	14.2	10.6	15.8





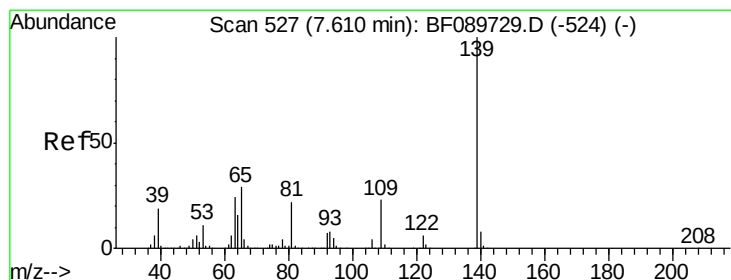
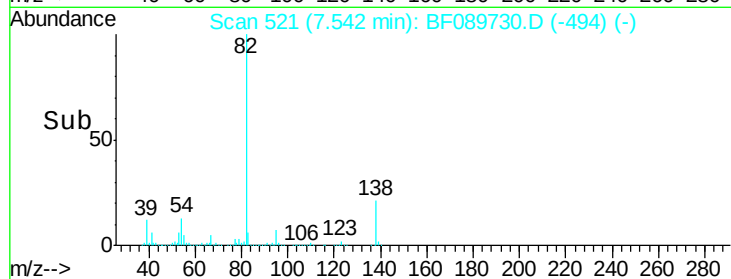
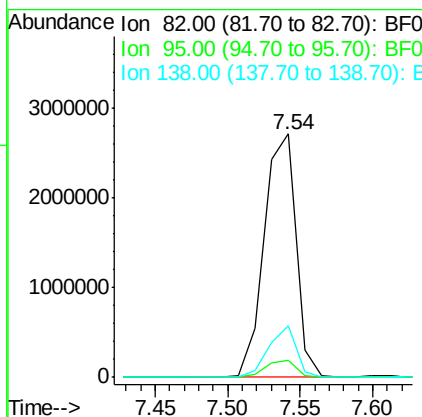
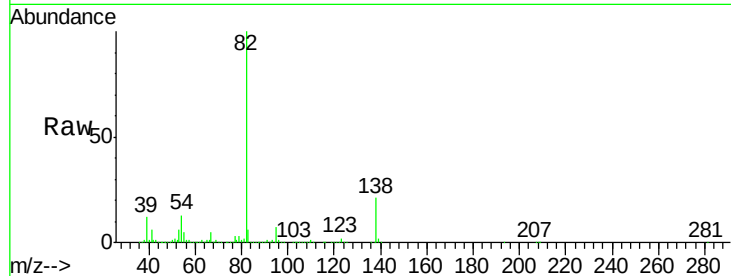
#25
Isophorone
Concen: 48.76 ng
RT: 7.54 min Scan# 521
Delta R.T. 0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 82 Resp: 4141273
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 21.4 13.0 19.4#

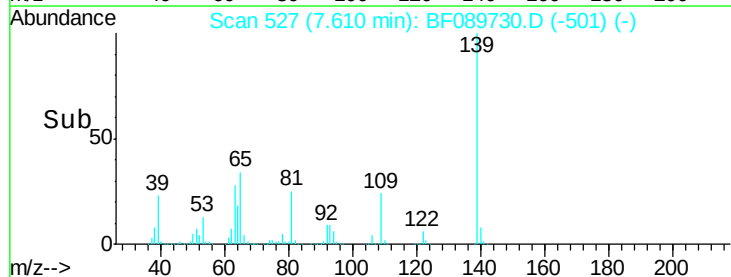
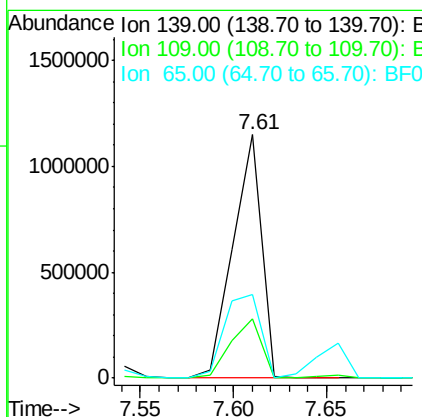
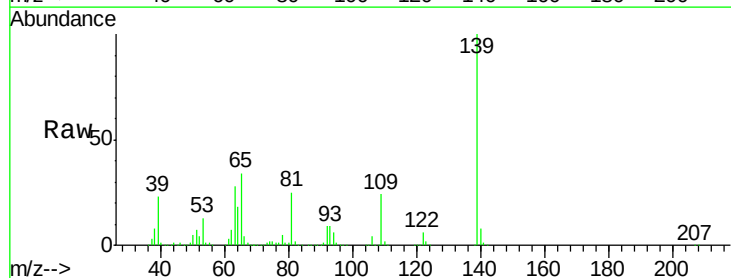
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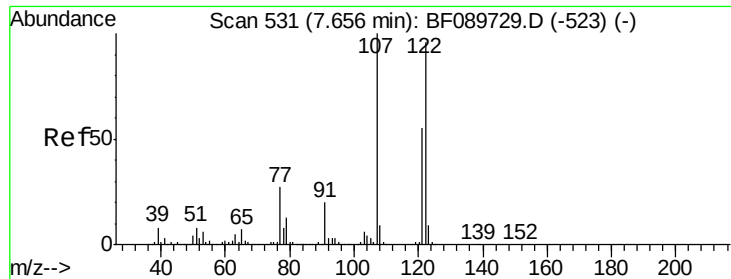
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#26
2-Nitrophenol
Concen: 58.43 ng
RT: 7.61 min Scan# 527
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion: 139 Resp: 1234749
Ion Ratio Lower Upper
139 100
109 24.3 19.5 29.3
65 34.3 26.5 39.7





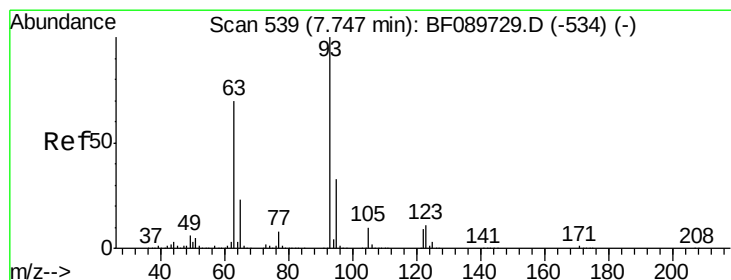
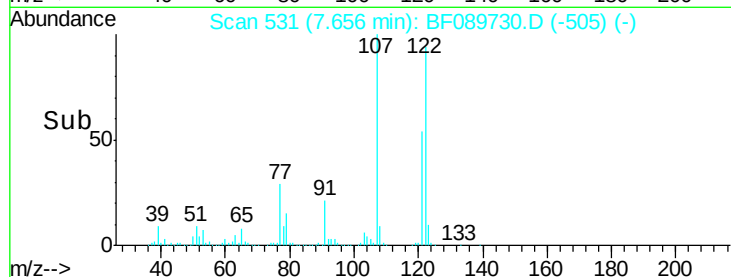
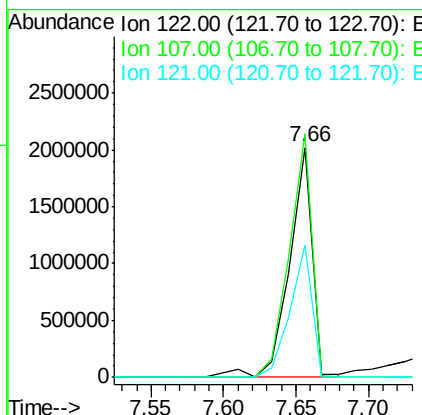
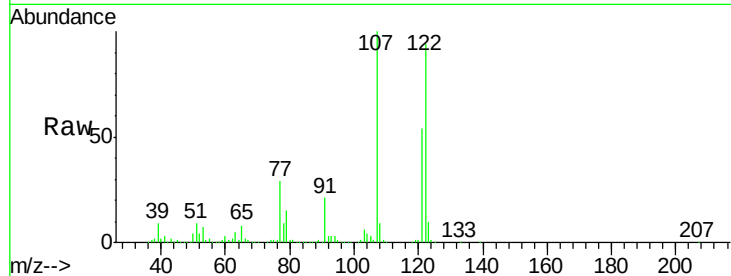
#27
 2,4-Dimethylphenol
 Concen: 52.66 ng
 RT: 7.66 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion: 122 Resp: 2213632
 Ion Ratio Lower Upper
 122 100
 107 106.0 84.8 127.2
 121 57.6 47.0 70.6

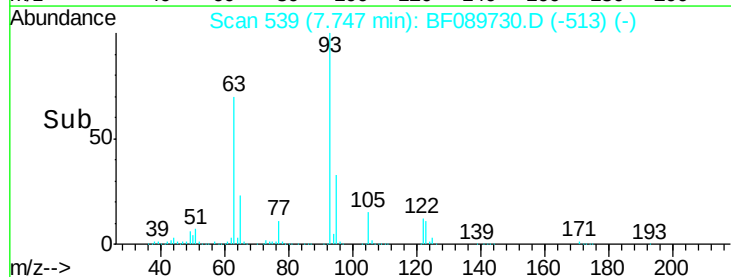
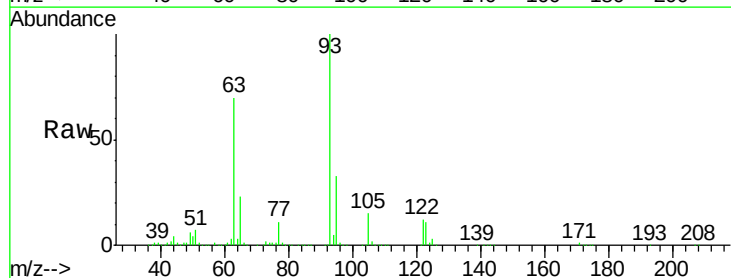
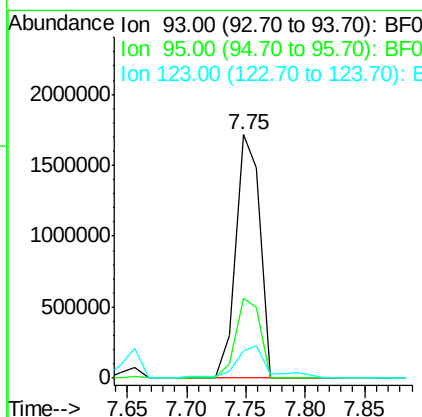
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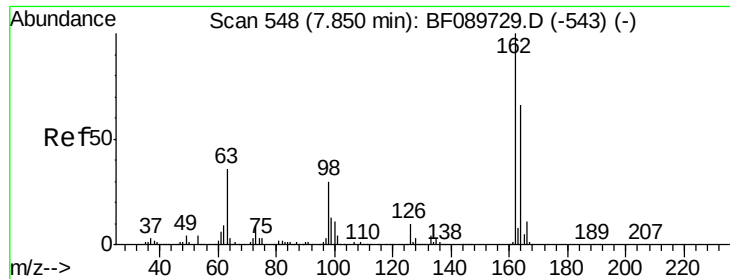
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#28
 bis(2-Chloroethoxy)methane
 Concen: 44.66 ng
 RT: 7.75 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion: 93 Resp: 2410733
 Ion Ratio Lower Upper
 93 100
 95 33.0 25.5 38.3
 123 11.3 8.5 12.7





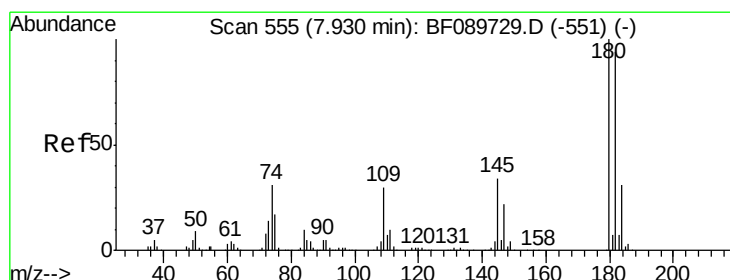
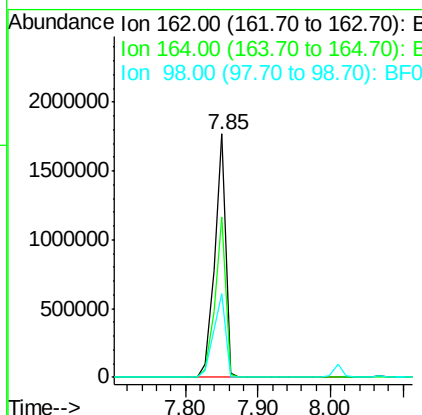
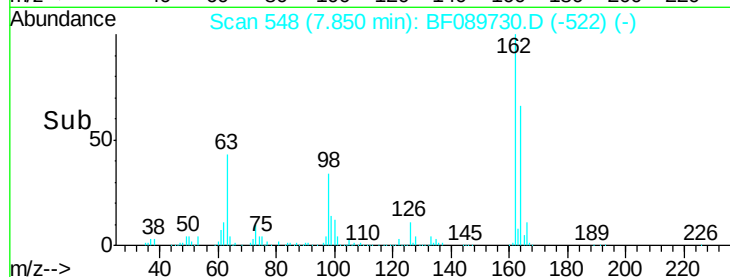
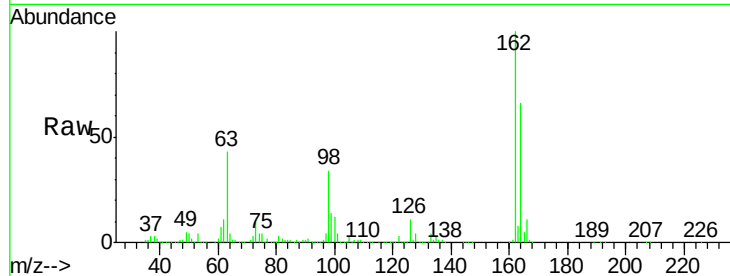
#29
2,4-Dichlorophenol
Concen: 51.43 ng
RT: 7.85 min Scan# 548
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.6	45.5	85.5
98	34.3	12.4	52.4

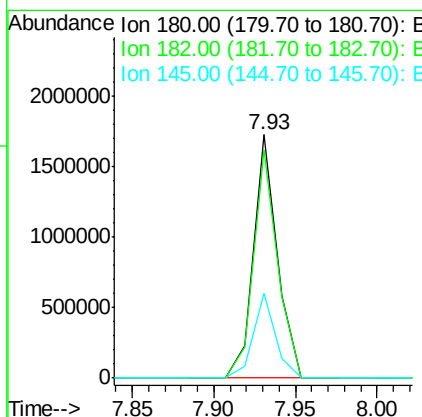
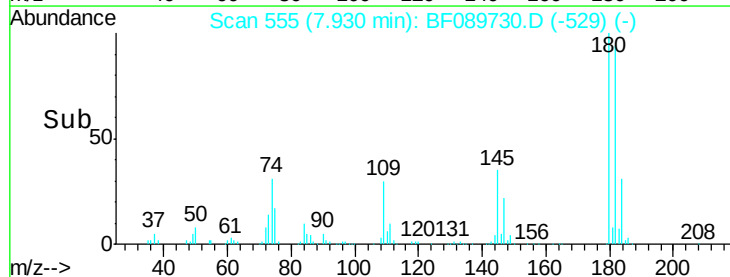
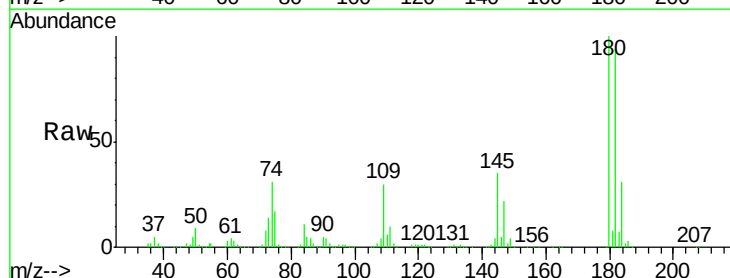
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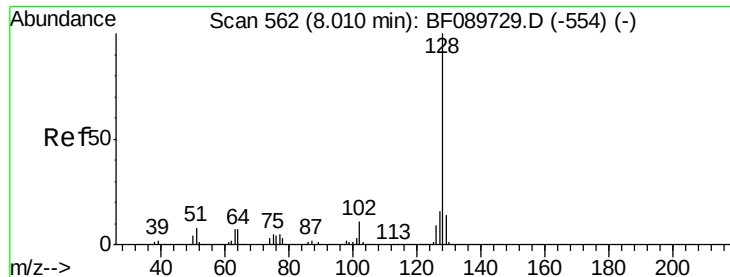
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#30
1,2,4-Trichlorobenzene
Concen: 46.50 ng
RT: 7.93 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	75.5	113.3
145	34.8	28.7	43.1





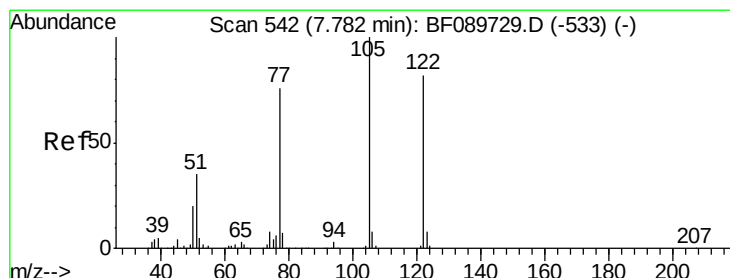
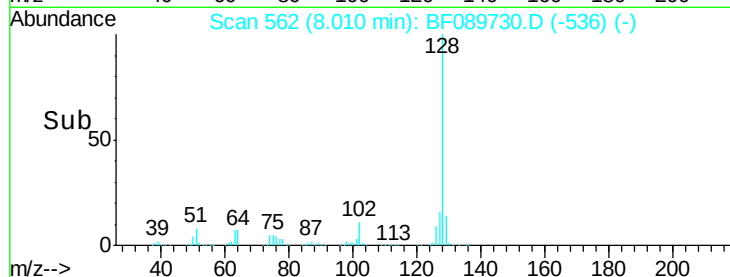
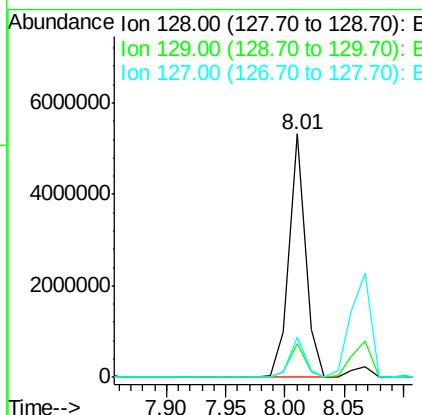
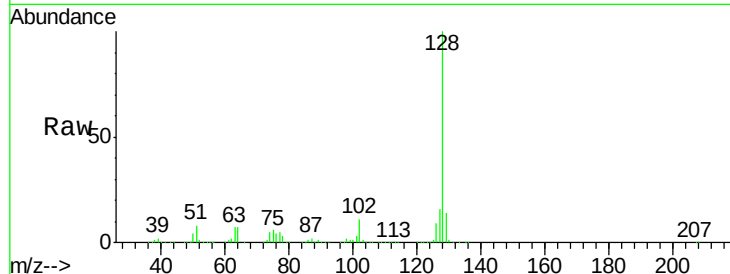
#31
Naphthalene
Concen: 43.89 ng
RT: 8.01 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:128 Resp: 5082366
Ion Ratio Lower Upper
128 100
129 13.9 9.5 14.3
127 16.4 11.3 16.9

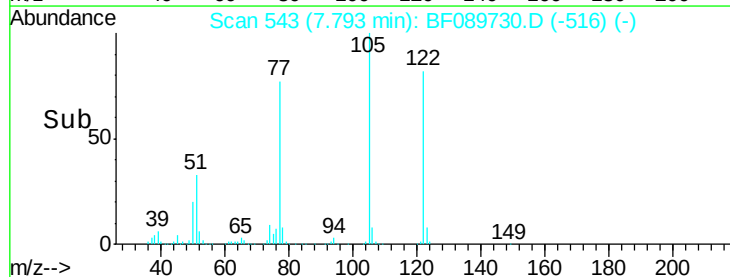
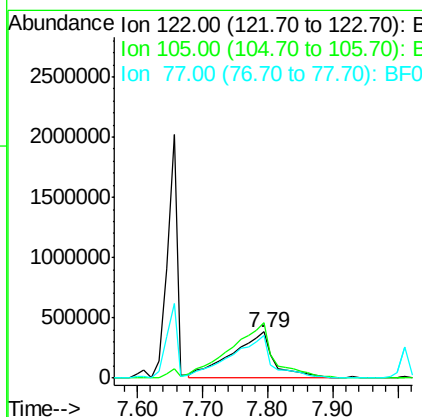
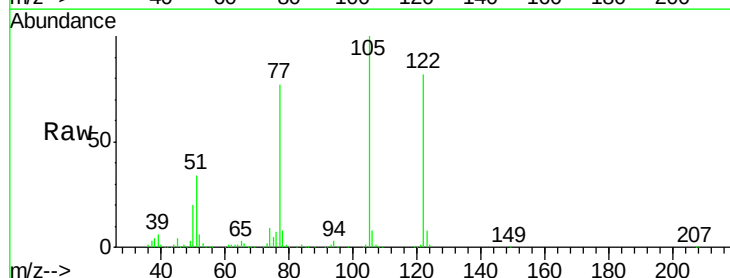
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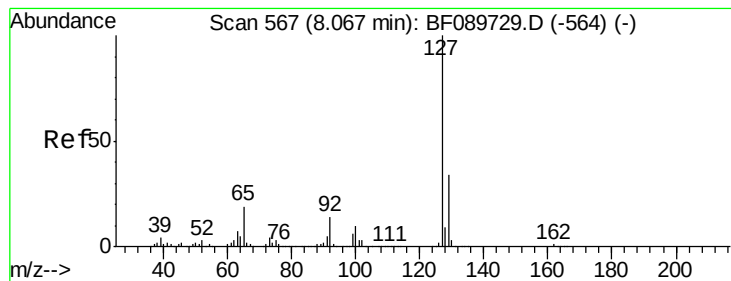
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#32
Benzoic acid
Concen: 63.05 ng
RT: 7.79 min Scan# 543
Delta R.T. 0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:122 Resp: 1698335
Ion Ratio Lower Upper
122 100
105 121.8 100.8 140.8
77 94.0 72.1 112.1





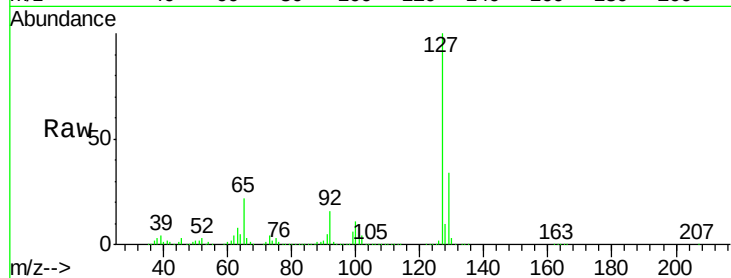
#33
4-Chloroaniline
Concen: 48.29 ng
RT: 8.07 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

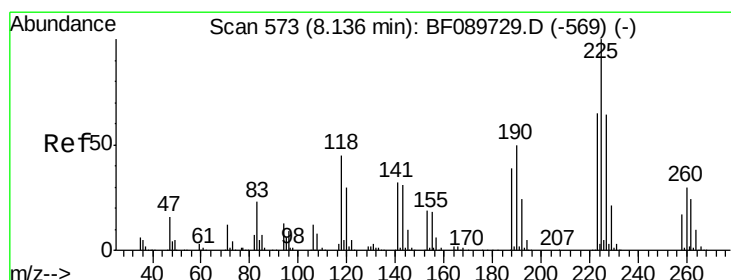
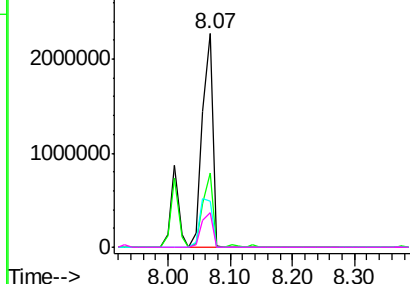
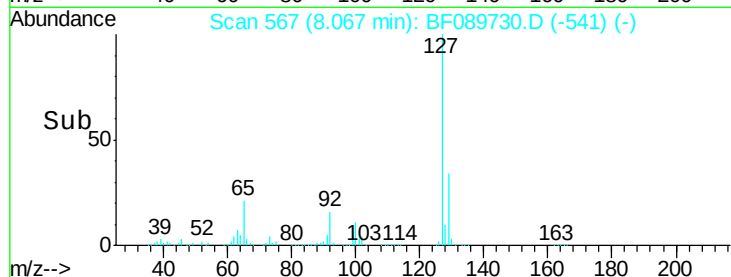
Tgt Ion	Ratio	Lower	Upper
127	100		
129	34.5	27.0	40.6
65	21.6	14.7	22.1
92	16.1	11.7	17.5

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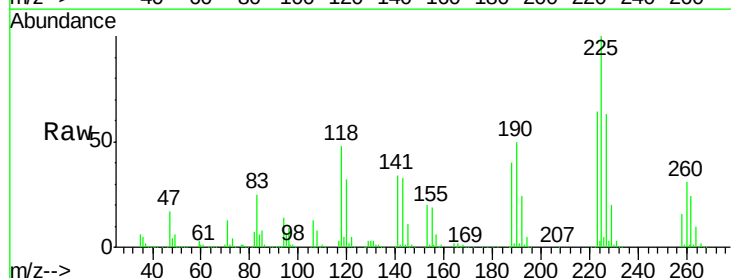


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

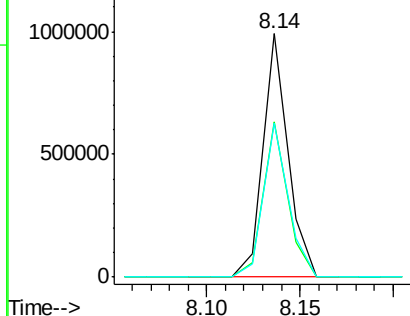
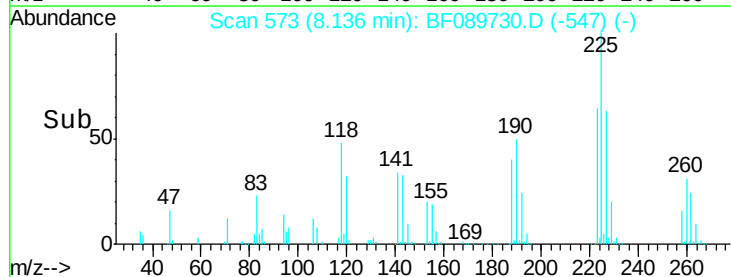


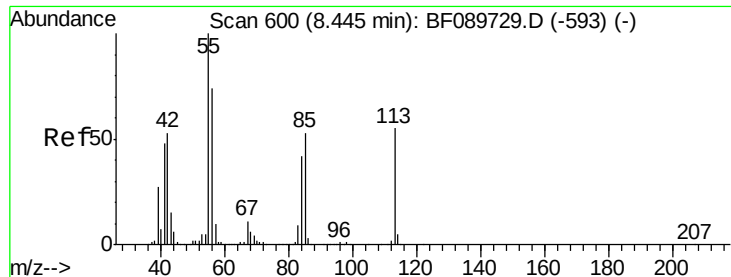
#34
Hexachlorobutadiene
Concen: 47.31 ng
RT: 8.14 min Scan# 573
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	51.0	76.6
227	63.4	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





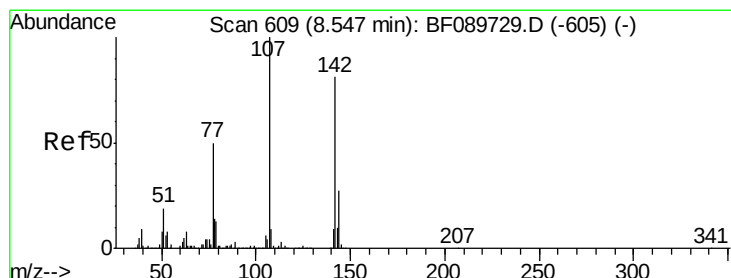
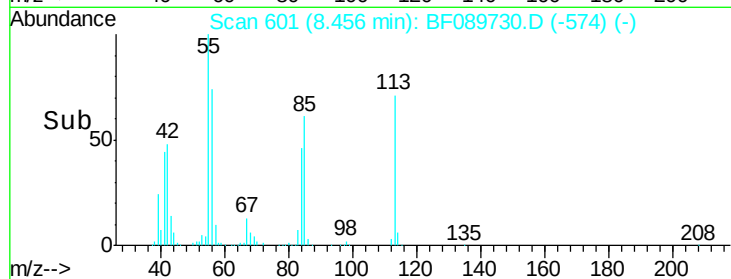
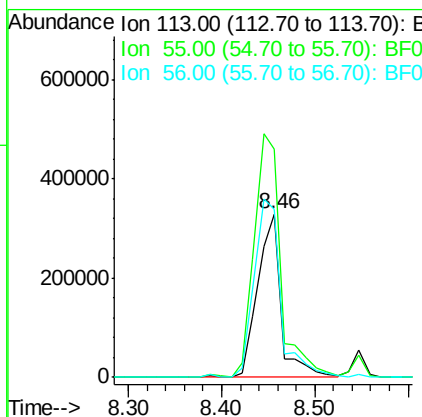
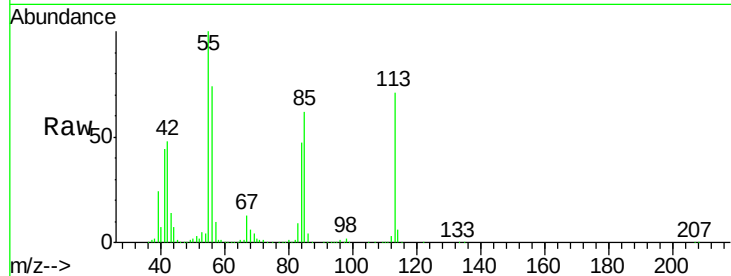
#35
 Caprolactam
 Concen: 52.57 ng
 RT: 8.46 min Scan# 601
 Delta R.T. 0.01 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
113	100		
55	140.0	135.9	175.9
56	103.0	93.9	133.9

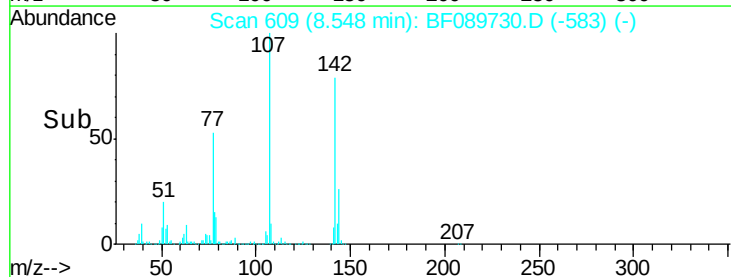
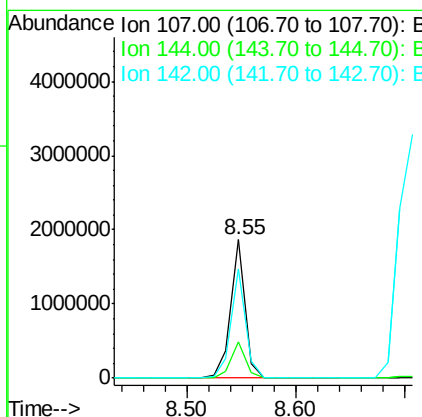
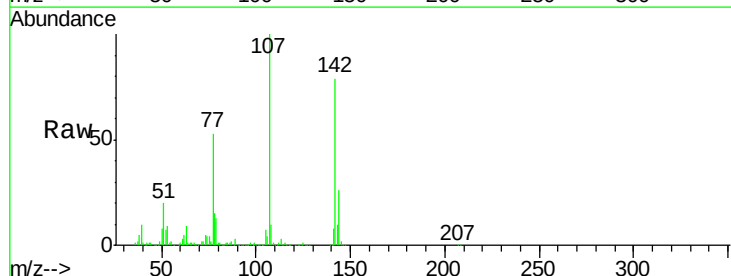
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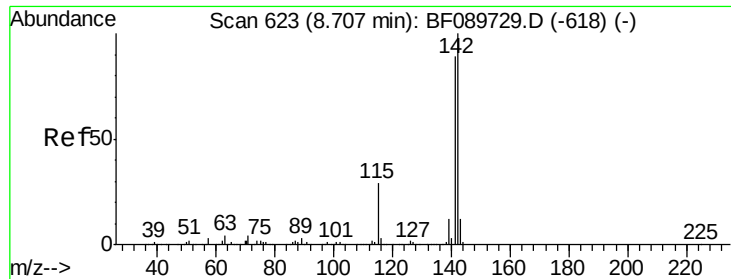
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#36
 4-Chloro-3-methylphenol
 Concen: 45.82 ng
 RT: 8.55 min Scan# 609
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	22.6	34.0
142	78.8	69.3	103.9





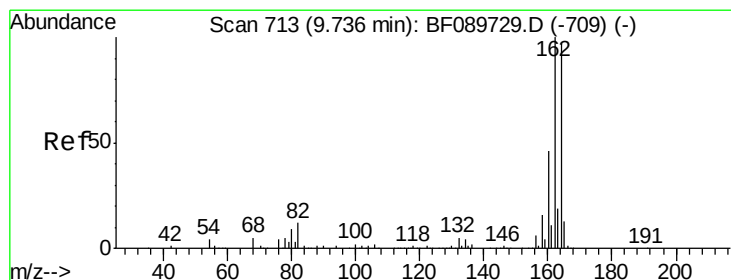
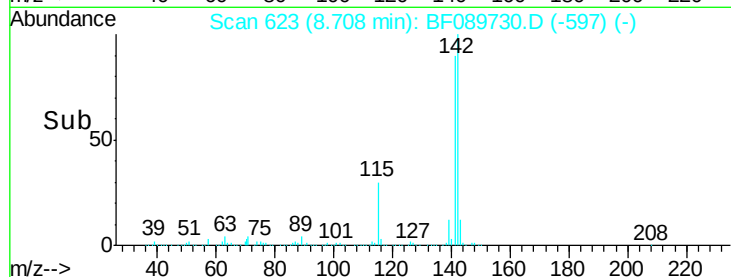
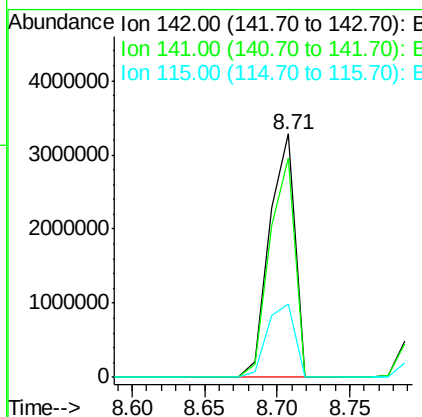
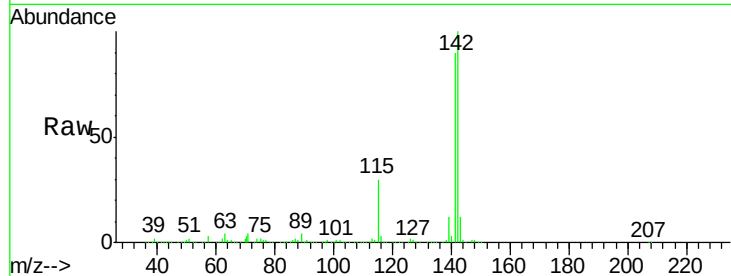
#37
2-Methylnaphthalene
Concen: 49.52 ng
RT: 8.71 min Scan# 623
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:142 Resp: 3959664
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 30.4 22.7 34.1

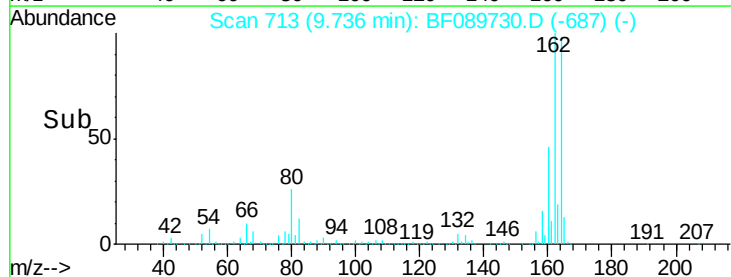
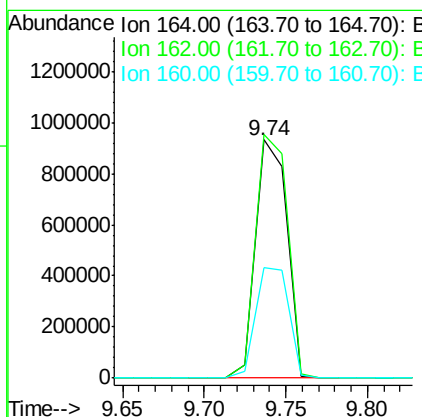
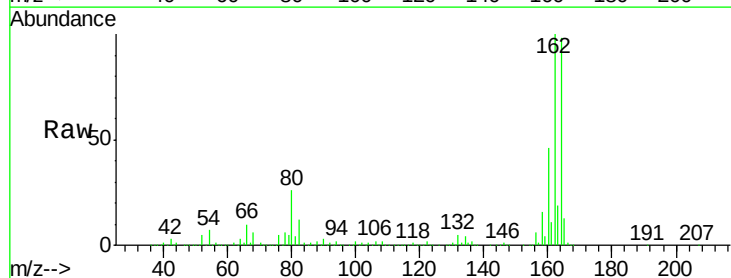
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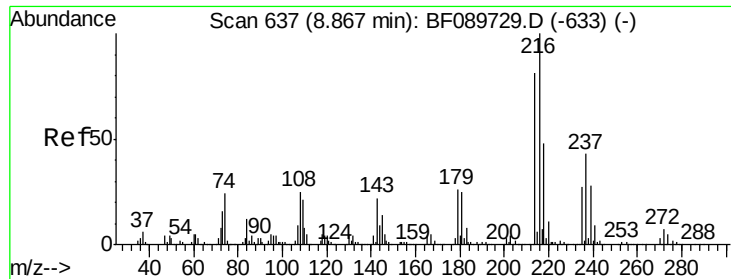
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:164 Resp: 1247861
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.2
160 46.5 37.8 56.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 48.19 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:216 Resp: 1681584

Ion Ratio Lower Upper

216 100

214 79.8 63.5 95.3

179 22.8 19.9 29.9

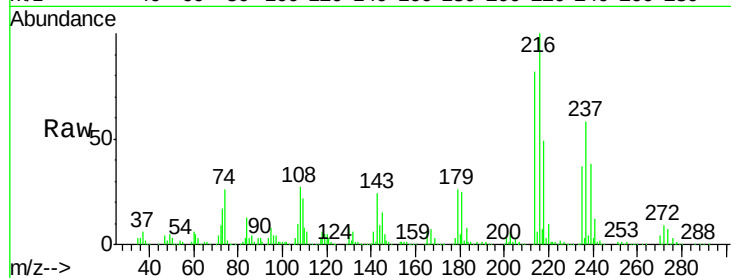
108 22.4 19.9 29.9

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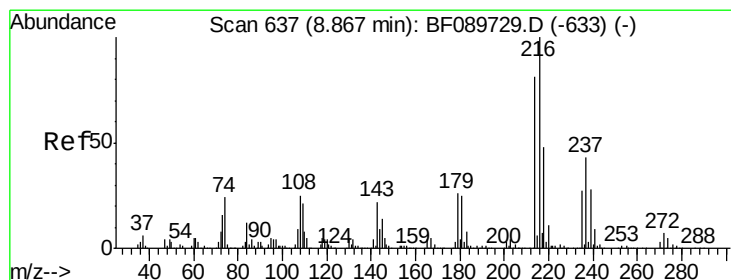
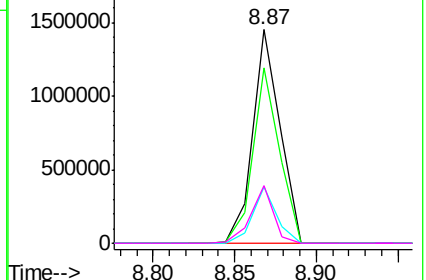
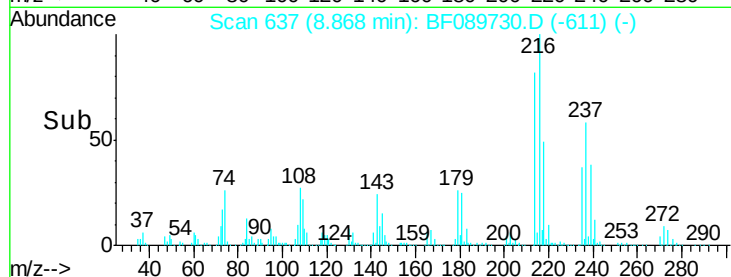


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 47.72 ng

RT: 8.87 min Scan# 637

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

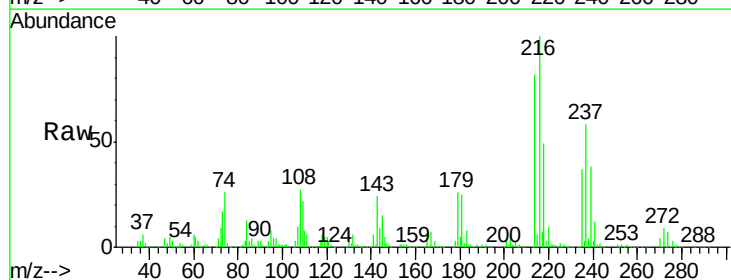
Tgt Ion:237 Resp: 919696

Ion Ratio Lower Upper

237 100

235 63.1 43.7 83.7

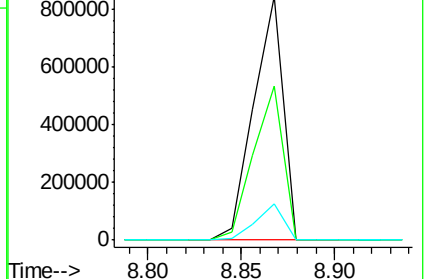
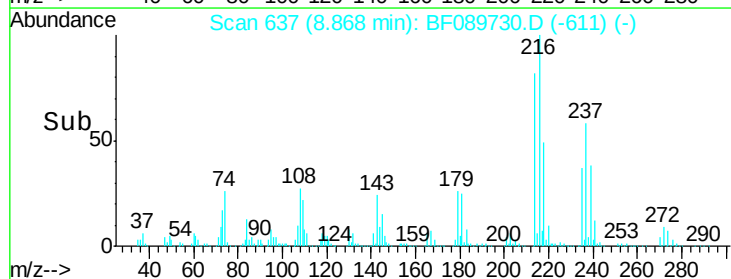
272 14.9 0.0 31.6

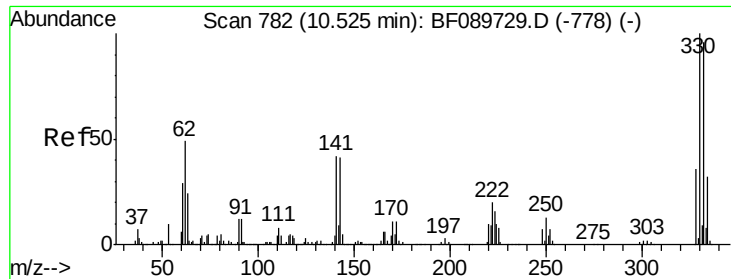


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





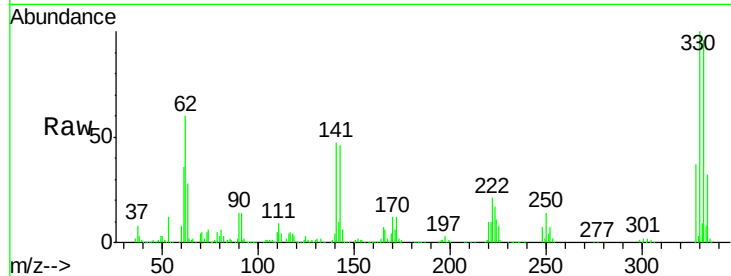
#41
 2,4,6-Tribromophenol
 Concen: 42.52 ng
 RT: 10.52 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

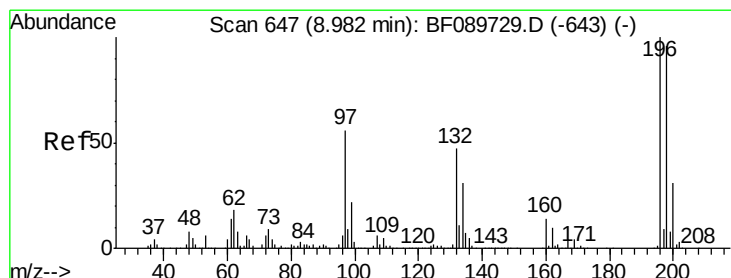
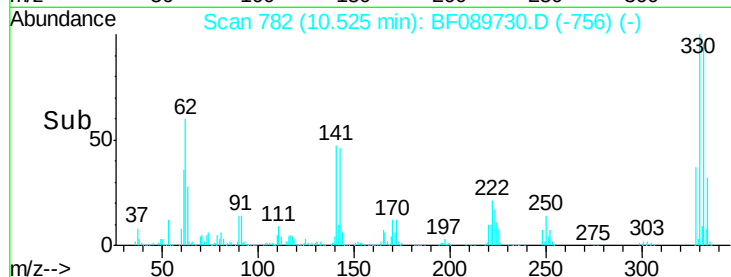
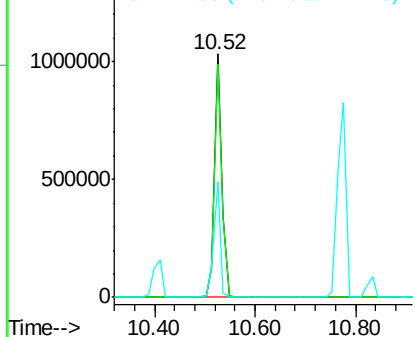
Tgt Ion:330 Resp: 1053316
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.7 115.1
 141 42.5 30.2 45.2

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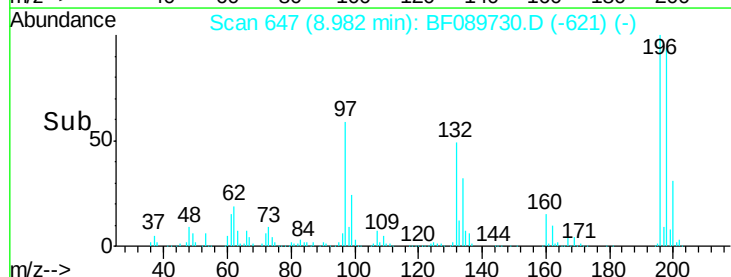
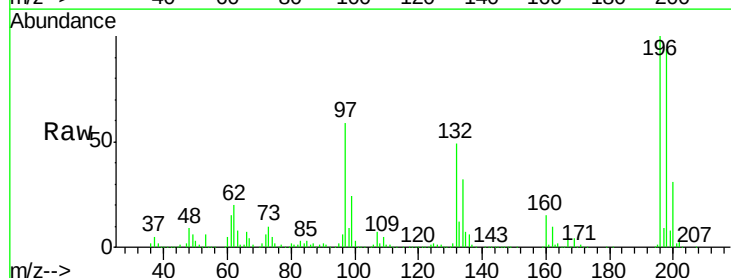
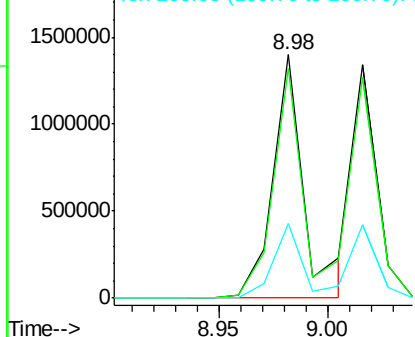
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

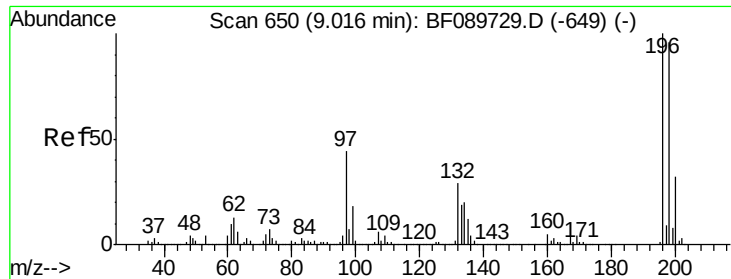


#42
 2,4,6-Trichlorophenol
 Concen: 56.11 ng
 RT: 8.98 min Scan# 647
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:196 Resp: 1404465
 Ion Ratio Lower Upper
 196 100
 198 94.0 76.3 114.5
 200 30.8 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





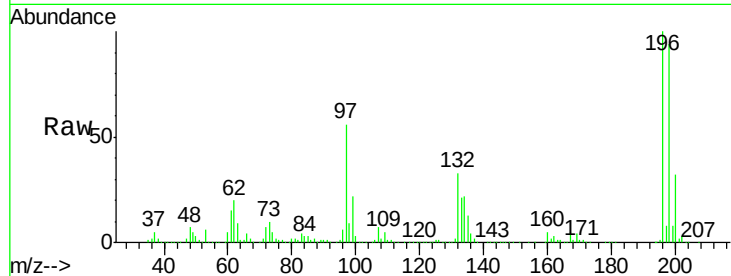
#43
 2,4,5-Trichlorophenol
 Concen: 44.43 ng
 RT: 9.02 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.6	114.8
97	55.8	35.8	53.8
132	33.3	23.5	35.3

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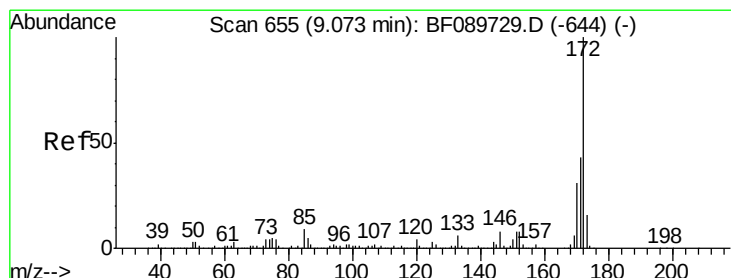
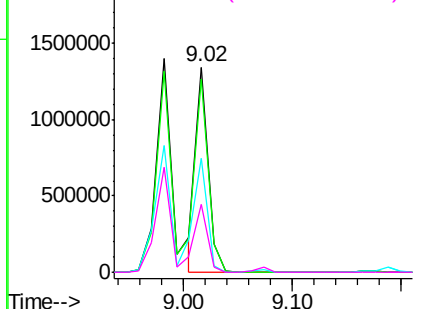
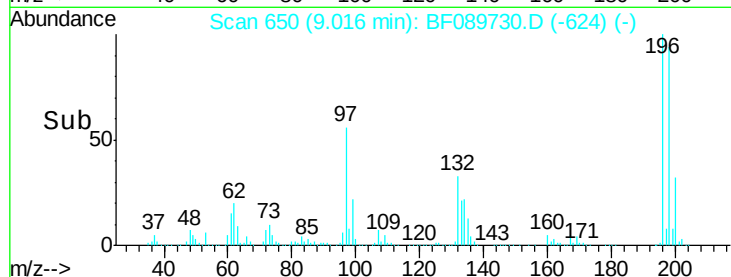
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

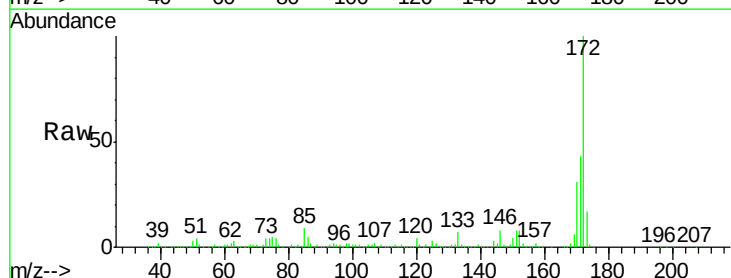
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 40.12 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	43.3	30.5	45.7
170	30.7	20.6	31.0

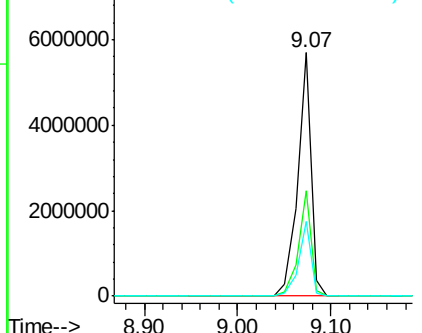
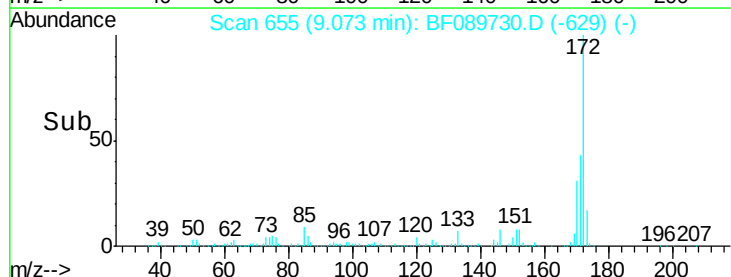


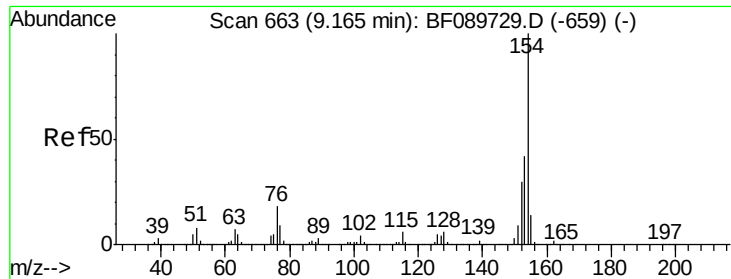
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





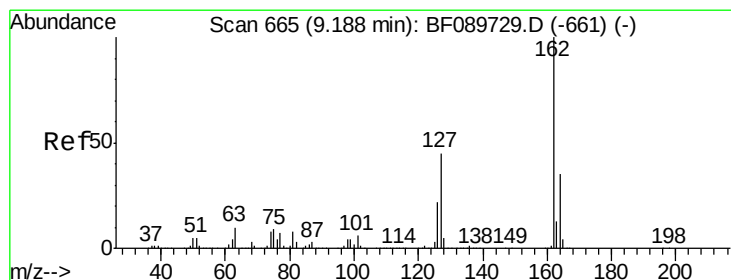
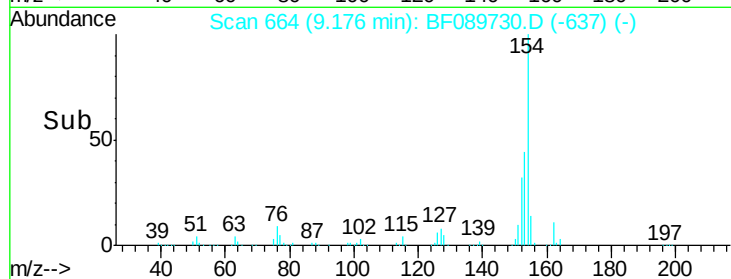
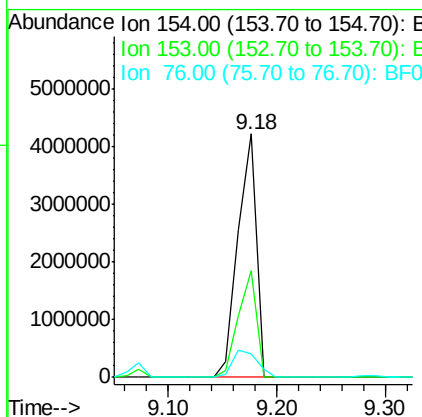
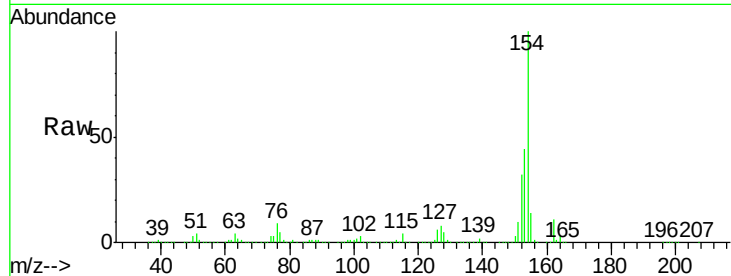
#45
 1,1'-Biphenyl
 Concen: 46.90 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.01 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.0	21.5	61.5
76	9.5	0.0	36.7

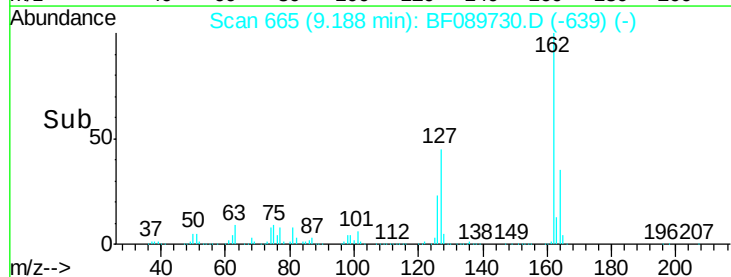
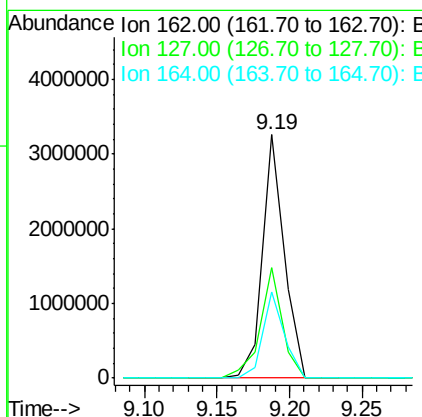
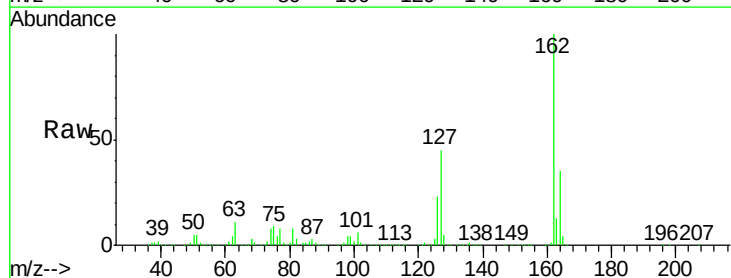
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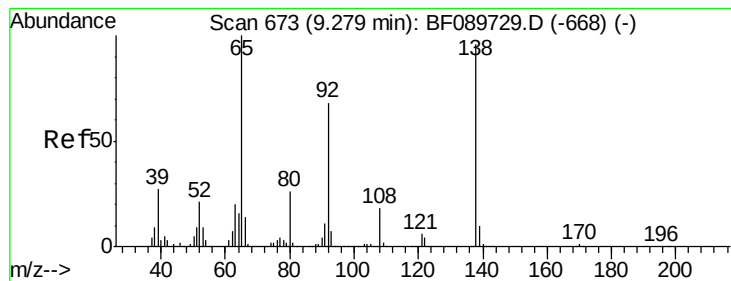
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#46
 2-Chloronaphthalene
 Concen: 45.33 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
162	100		
127	45.5	35.5	53.3
164	35.4	26.6	40.0





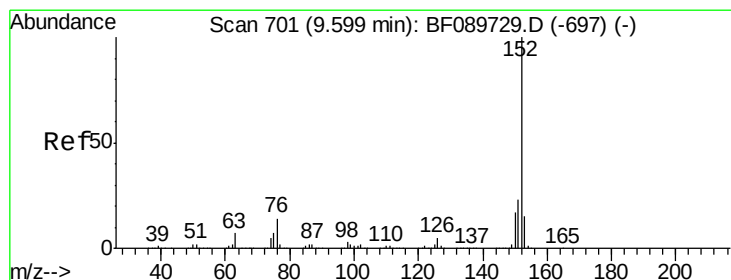
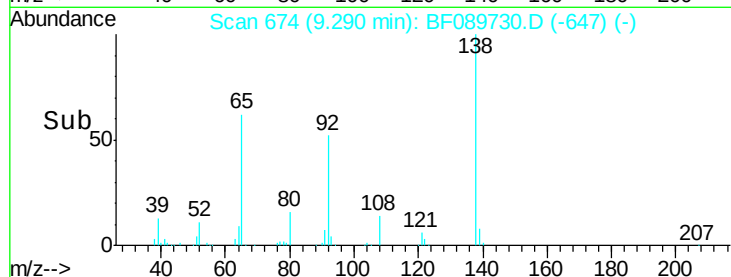
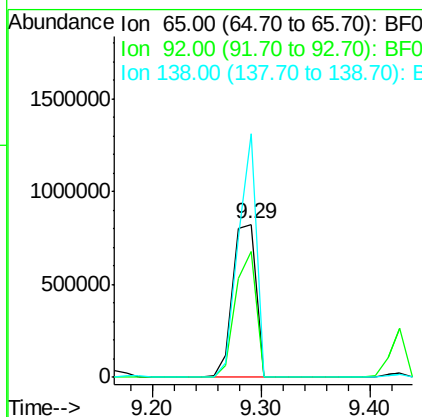
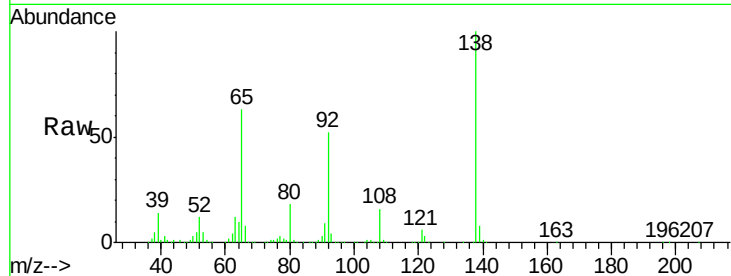
#47
2-Nitroaniline
Concen: 49.80 ng
RT: 9.29 min Scan# 674
Delta R.T. 0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 65 Resp: 1207043
Ion Ratio Lower Upper
65 100
92 82.6 56.3 84.5
138 159.3 81.8 122.8#

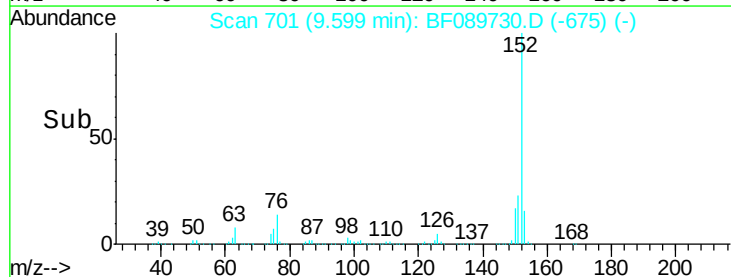
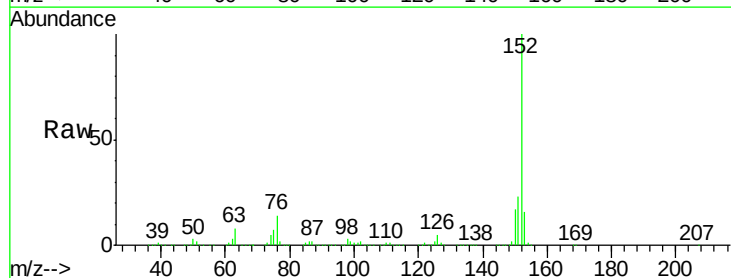
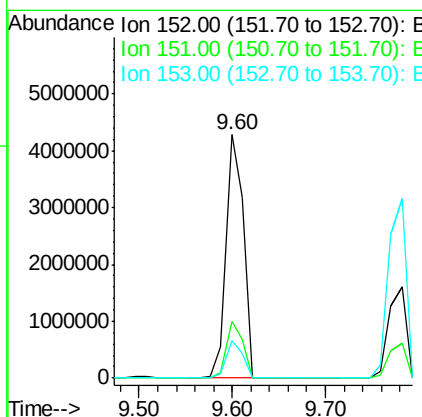
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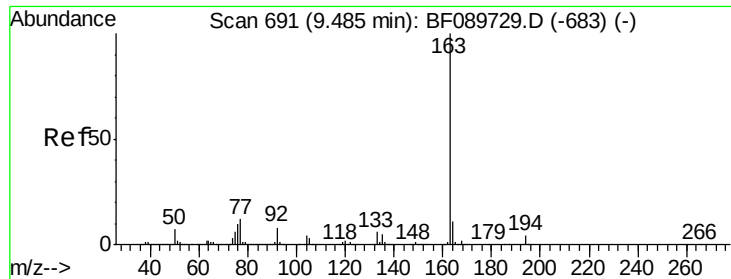
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#48
Acenaphthylene
Concen: 46.73 ng
RT: 9.60 min Scan# 701
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion: 152 Resp: 5514294
Ion Ratio Lower Upper
152 100
151 23.1 17.1 25.7
153 15.5 11.2 16.8





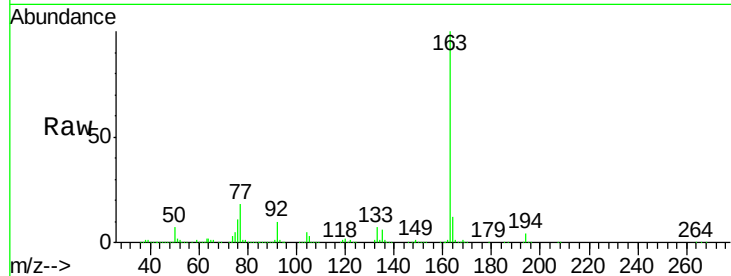
#49
Dimethylphthalate
Concen: 52.03 ng
RT: 9.48 min Scan# 691
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

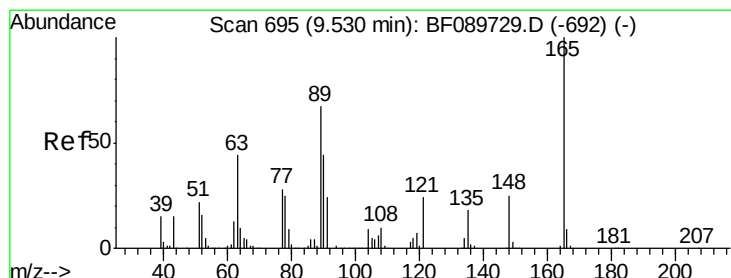
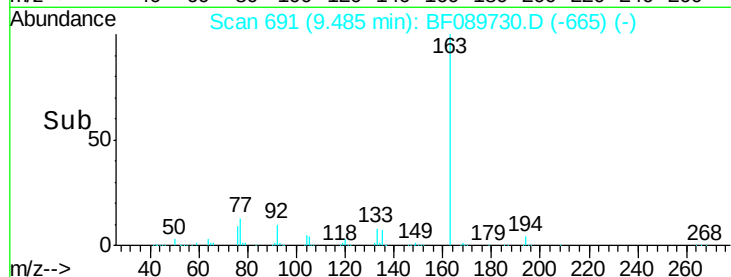
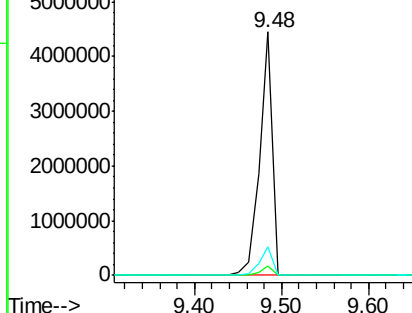
Tgt Ion:163 Resp: 4550281
Ion Ratio Lower Upper
163 100
194 4.0 2.6 3.8#
164 11.6 8.6 12.8

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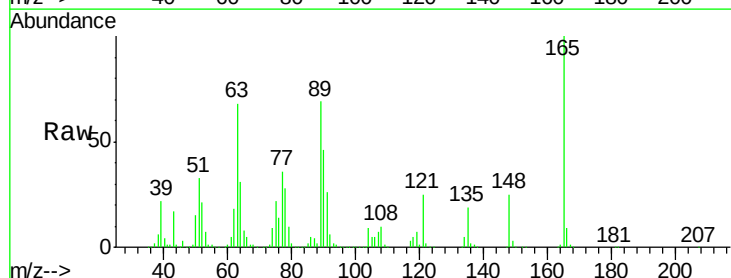


Abundance Ion 163.00 (162.70 to 163.70): E
6000000
Ion 194.00 (193.70 to 194.70): E
5000000
Ion 164.00 (163.70 to 164.70): E
4000000
3000000
2000000
1000000
0

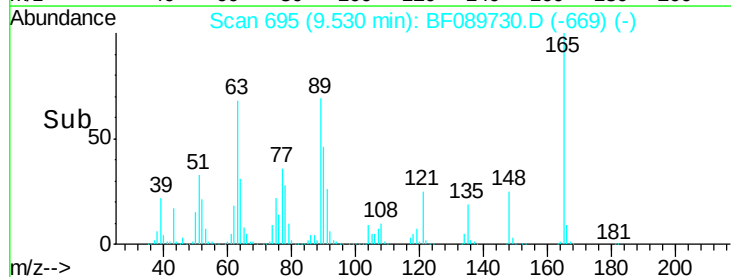
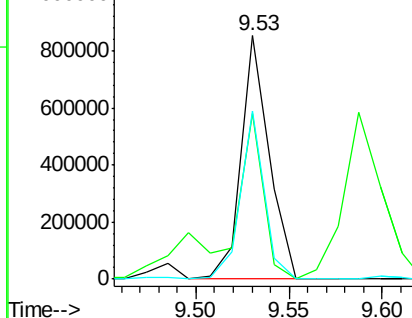


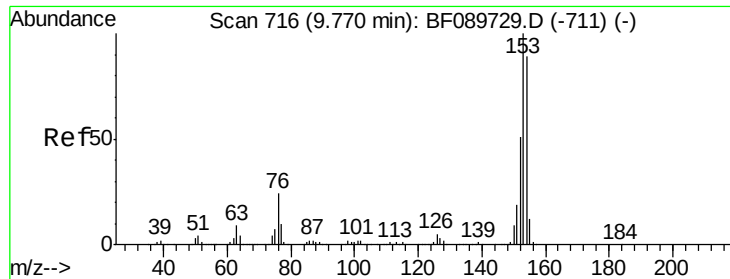
#50
2,6-Dinitrotoluene
Concen: 45.68 ng
RT: 9.53 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:165 Resp: 884993
Ion Ratio Lower Upper
165 100
63 68.1 41.7 62.5#
89 69.0 44.6 67.0#



Abundance Ion 165.00 (164.70 to 165.70): E
1000000
Ion 63.00 (62.70 to 63.70): BF0
800000
Ion 89.00 (88.70 to 89.70): BF0
600000
400000
200000
0





#51

Acenaphthene

Concen: 50.59 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:154 Resp: 3908194

Ion Ratio Lower Upper

154 100

153 111.5 90.5 135.7

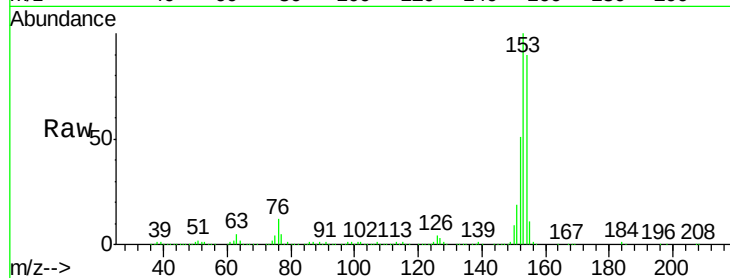
152 56.3 44.6 67.0

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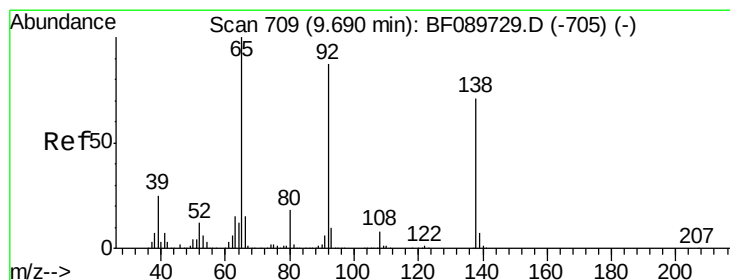
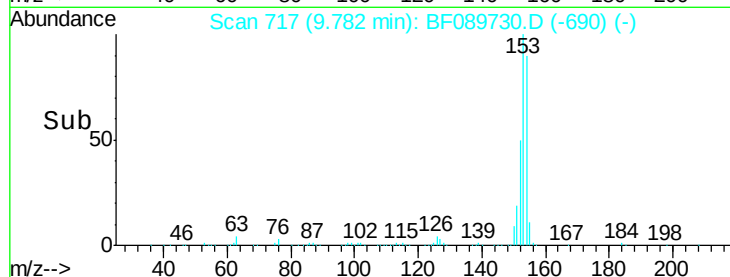
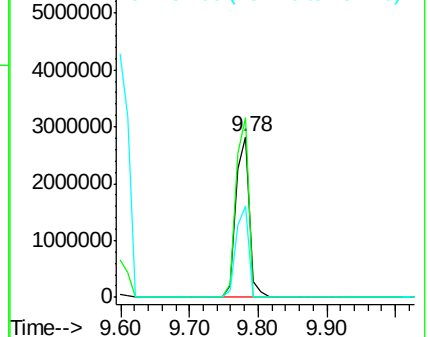
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Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 53.40 ng

RT: 9.70 min Scan# 710

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

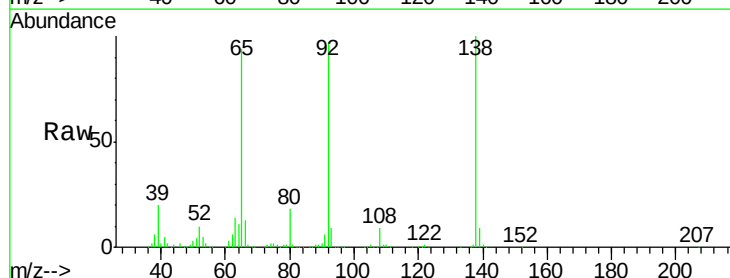
Tgt Ion:138 Resp: 1341693

Ion Ratio Lower Upper

138 100

108 8.9 8.1 12.1

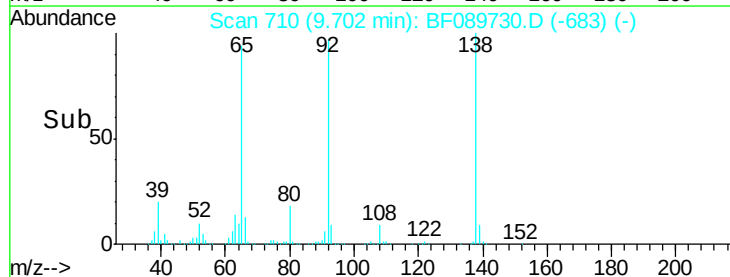
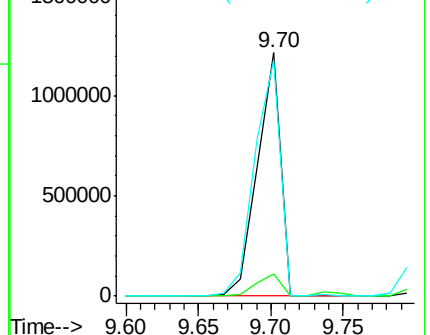
92 96.7 92.7 139.1

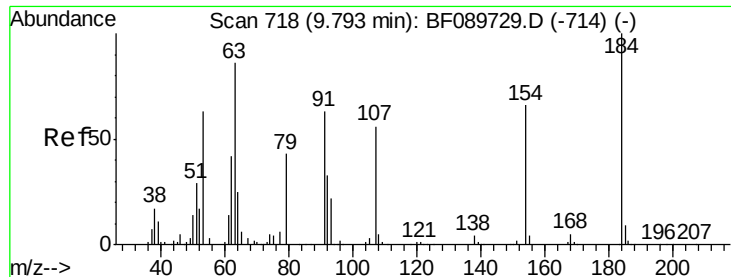


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





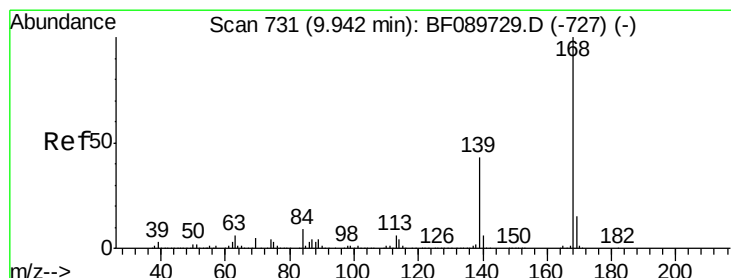
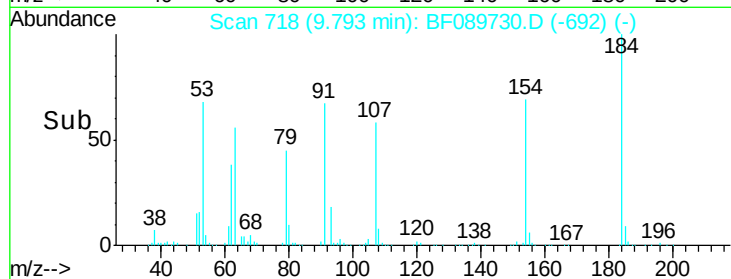
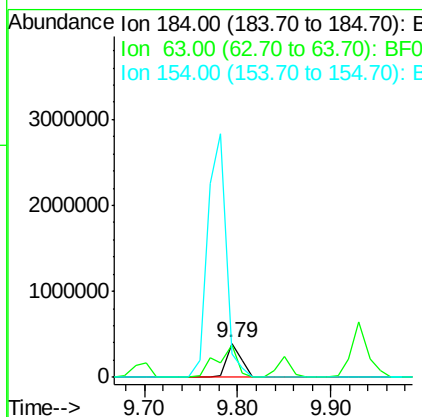
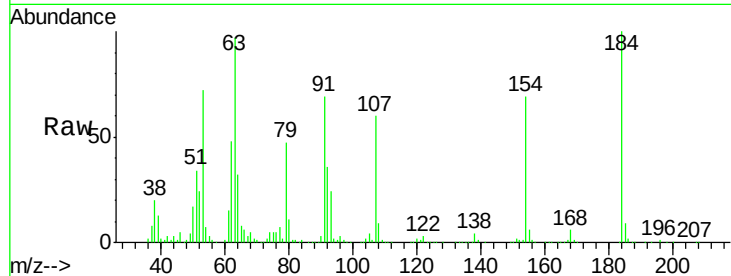
#53
2,4-Dinitrophenol
Concen: 63.57 ng
RT: 9.79 min Scan# 718
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion	Ratio	Lower	Upper
184	100		
63	96.8	54.2	81.4#
154	69.5	52.7	79.1

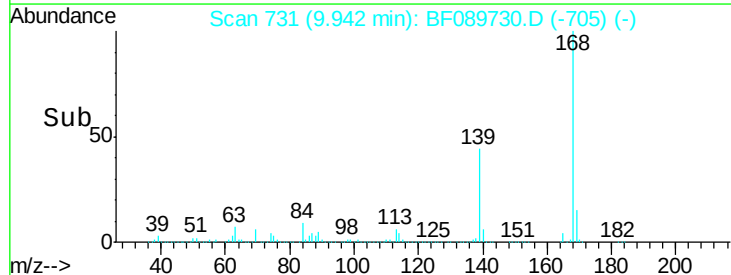
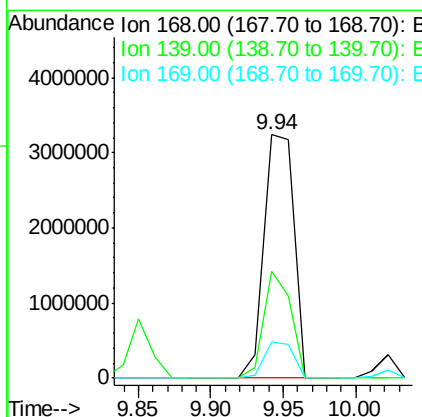
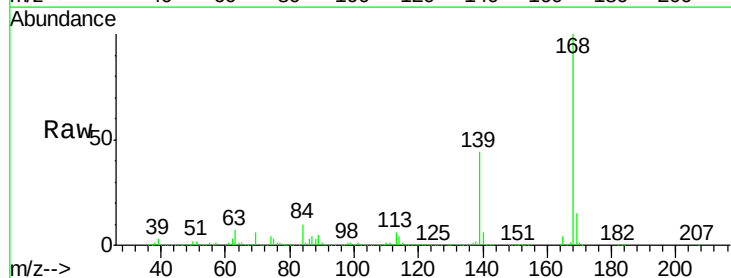
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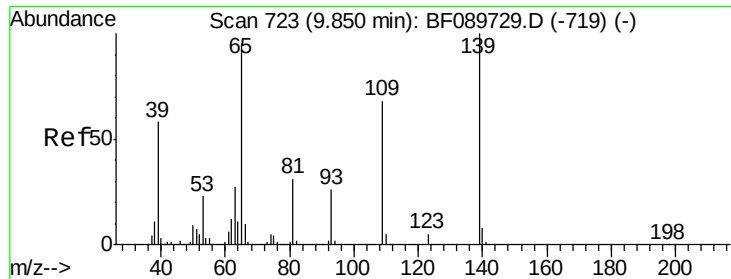
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#54
Dibenzofuran
Concen: 42.28 ng
RT: 9.94 min Scan# 731
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.6	34.6	52.0
169	15.1	11.5	17.3





#55

4-Nitrophenol

Concen: 45.44 ng

RT: 9.85 min Scan# 723

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:139 Resp: 872833
Ion Ratio Lower Upper

139 100

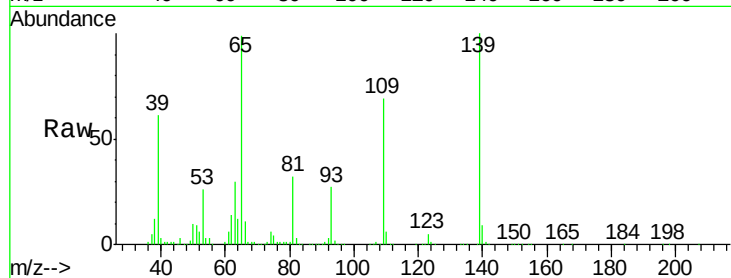
109 68.9 43.0 83.0

65 99.0 55.7 95.7#

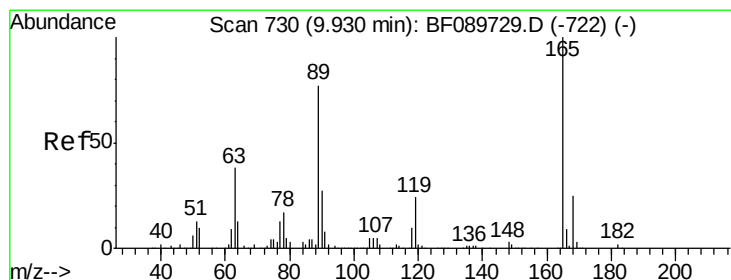
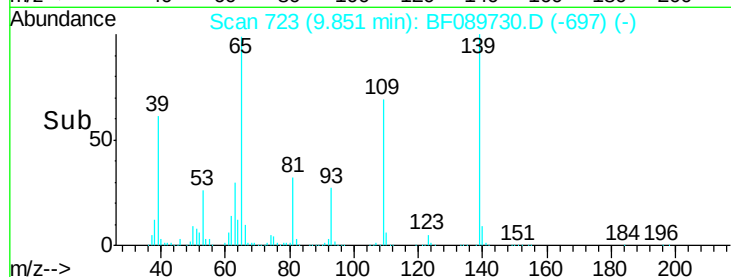
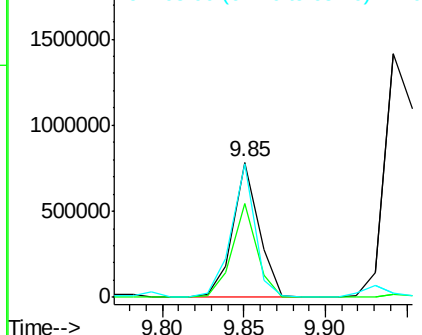
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Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.74 ng

RT: 9.93 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:165 Resp: 1219746
Ion Ratio Lower Upper

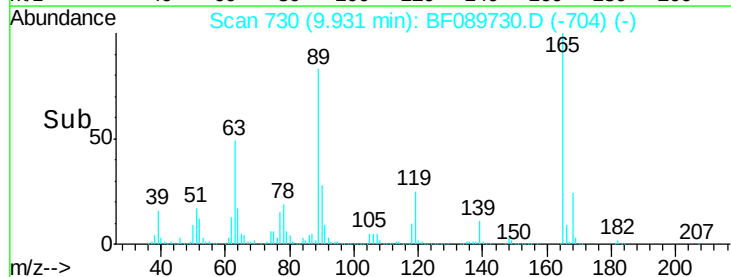
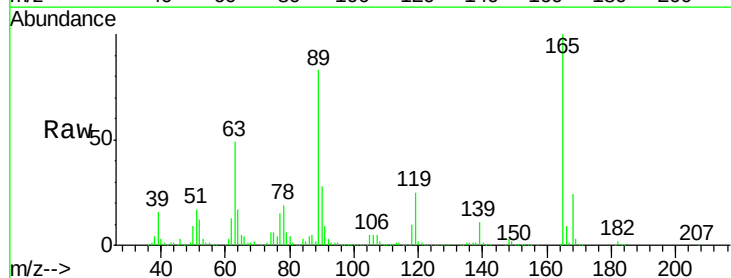
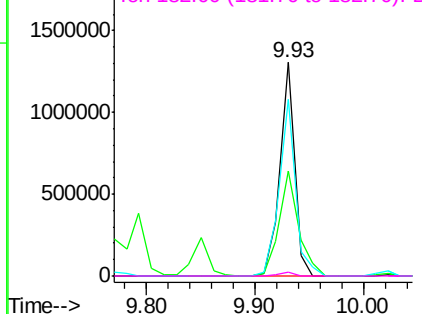
165 100

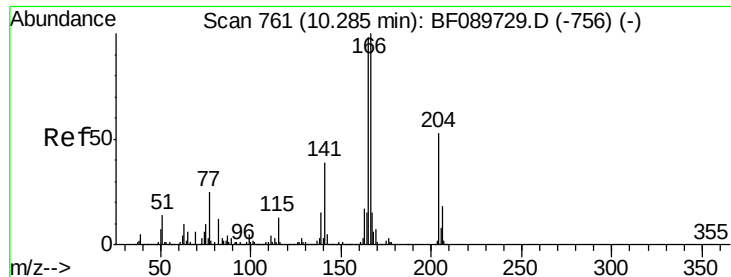
63 49.2 23.7 35.5#

89 82.6 44.0 66.0#

182 2.0 2.0 3.0#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





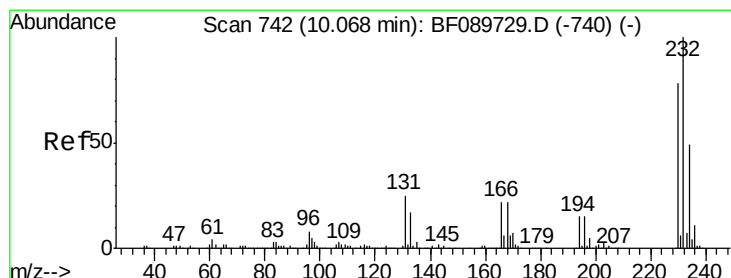
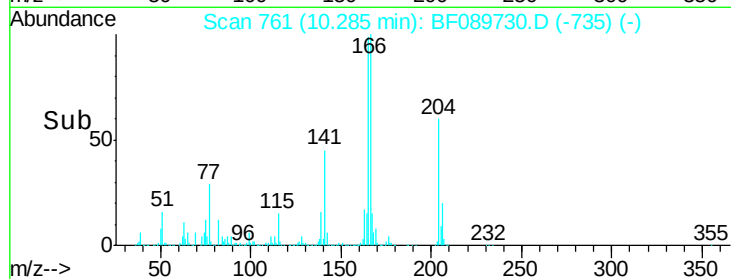
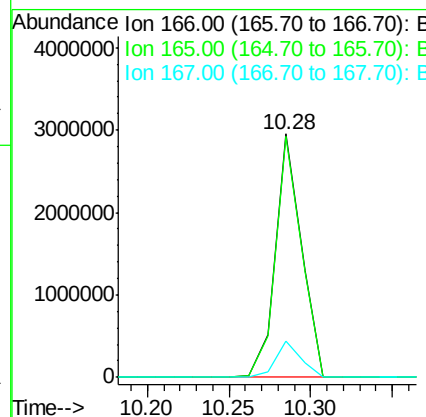
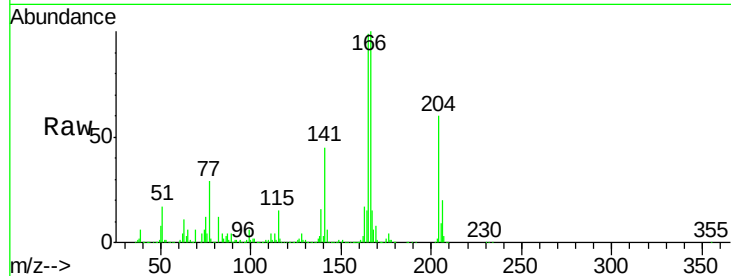
#57
Fluorene
 Concen: 41.79 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.9	80.2	120.4
167	15.0	11.3	16.9

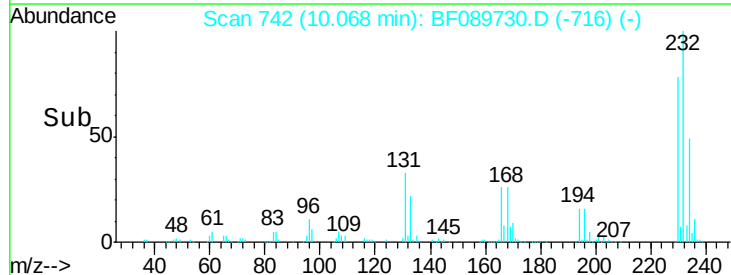
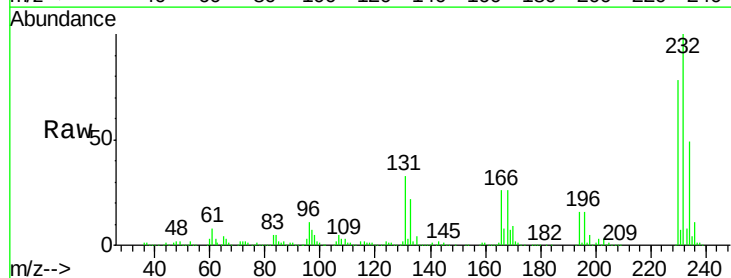
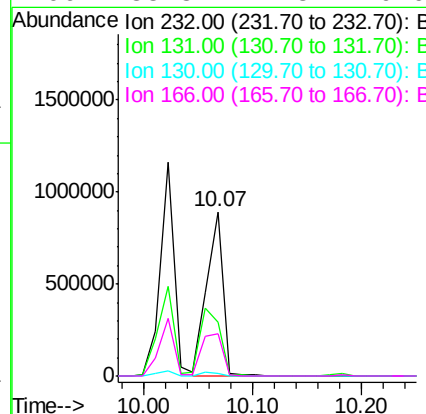
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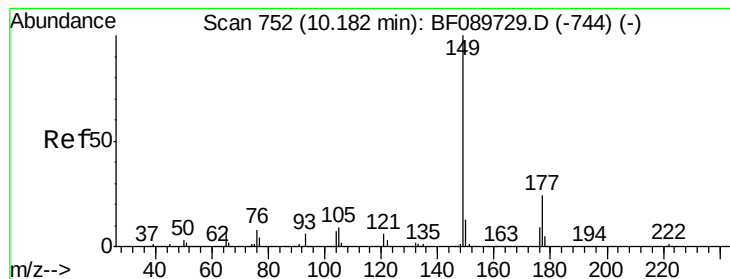
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 45.82 ng
 RT: 10.07 min Scan# 742
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
232	100		
131	49.4	42.5	63.7
130	2.4	2.2	3.4
166	33.8	27.3	40.9





#59

Diethylphthalate

Concen: 50.08 ng

RT: 10.18 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

Tgt Ion:149 Resp: 4476138

Ion Ratio Lower Upper

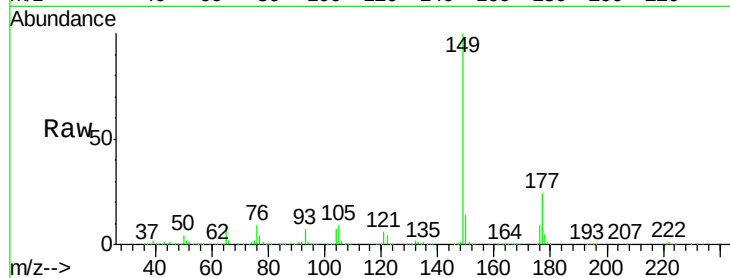
149 100

177 23.6 16.6 25.0

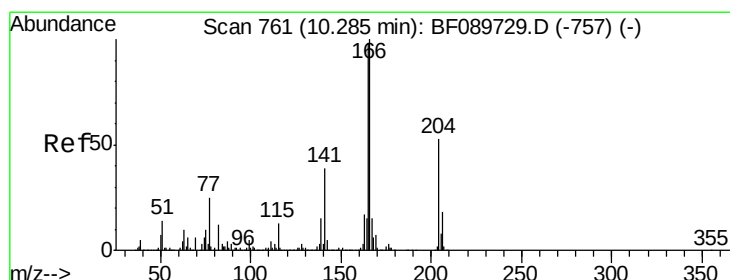
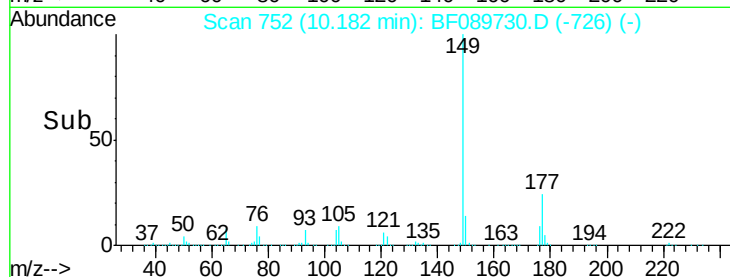
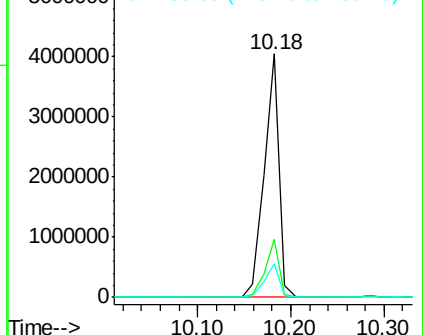
150 13.9 10.5 15.7

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.94 ng

RT: 10.28 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

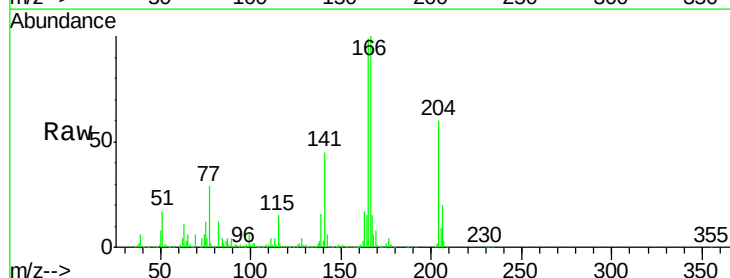
Tgt Ion:204 Resp: 1523315

Ion Ratio Lower Upper

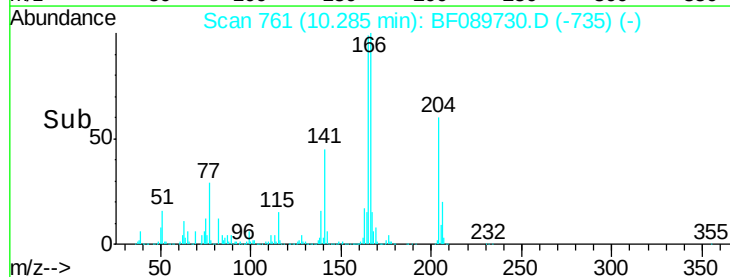
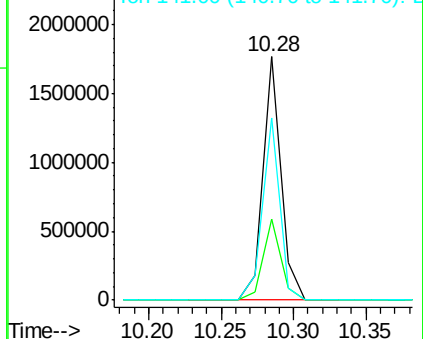
204 100

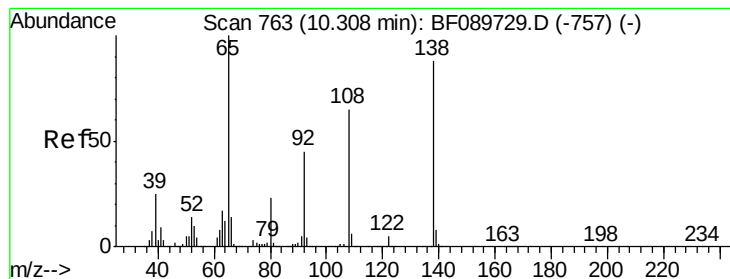
206 33.4 26.5 39.7

141 75.1 54.1 81.1



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





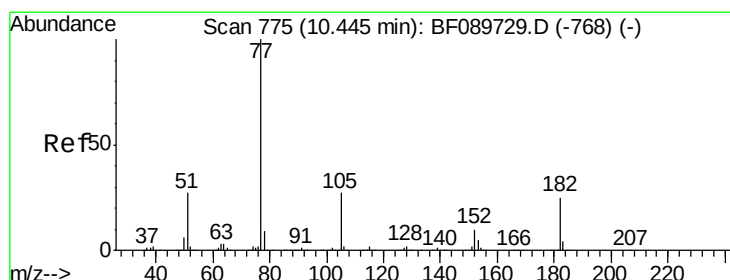
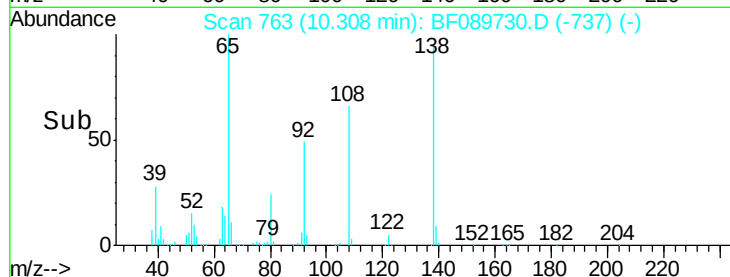
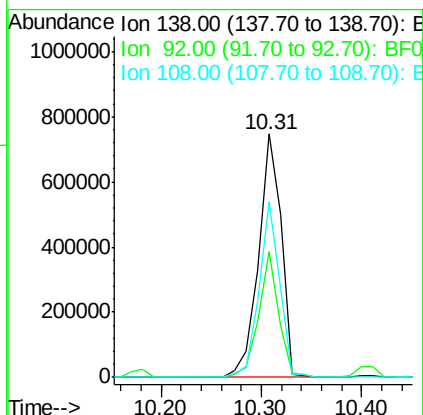
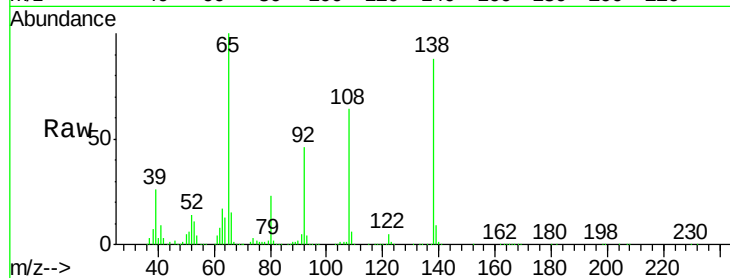
#61
4-Nitroaniline
Concen: 52.40 ng
RT: 10.31 min Scan# 763
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion: 138 Resp: 1162554
Ion Ratio Lower Upper
138 100
92 51.7 26.4 66.4
108 72.0 47.0 87.0

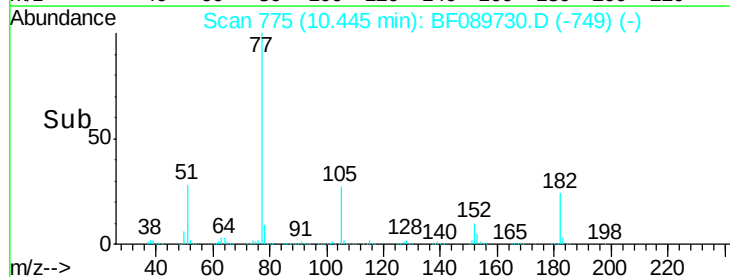
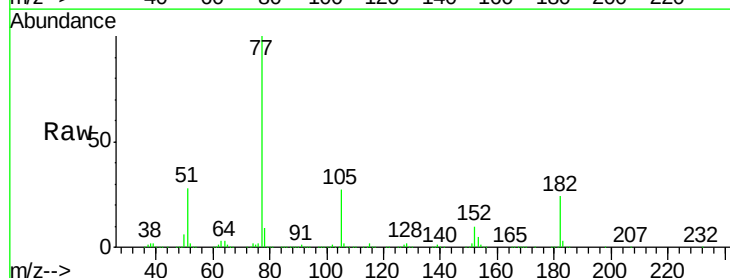
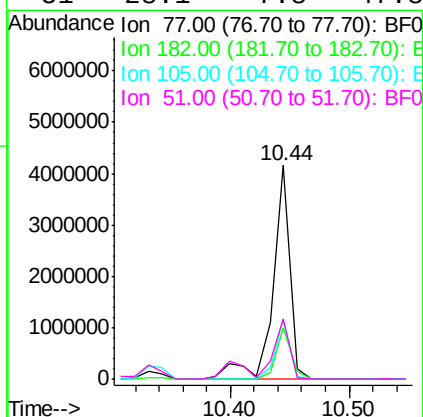
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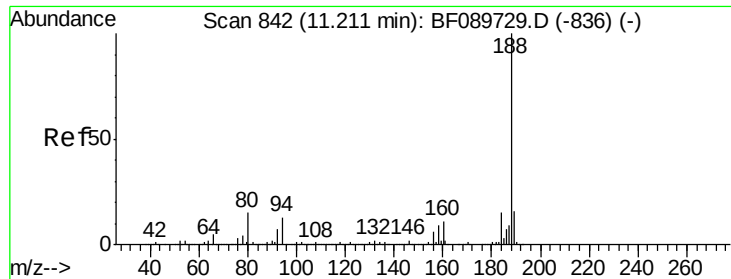
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#62
Azobenzene
Concen: 43.23 ng
RT: 10.44 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion: 77 Resp: 4187327
Ion Ratio Lower Upper
77 100
182 24.0 5.6 45.6
105 27.3 4.0 44.0
51 28.1 7.8 47.8





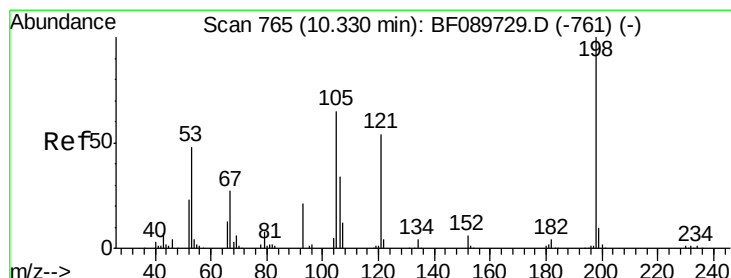
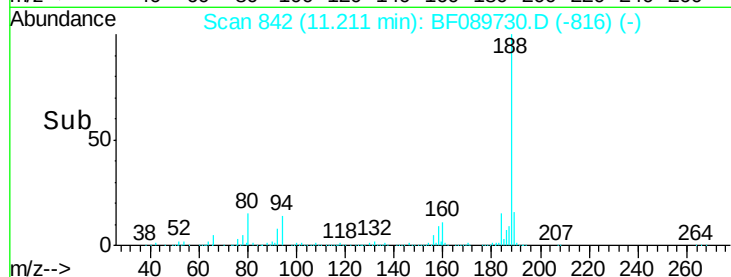
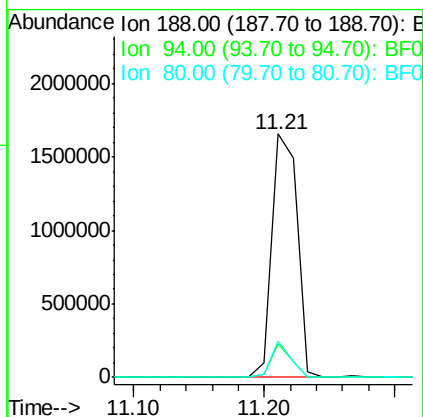
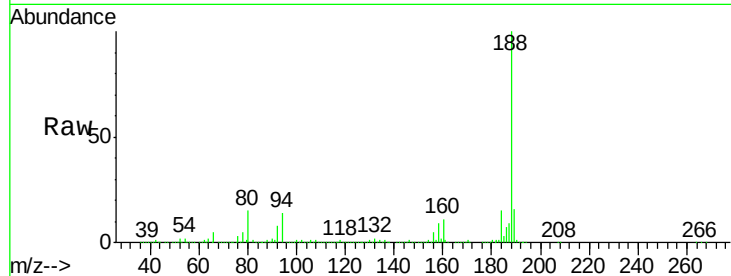
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:188 Resp: 2260693
Ion Ratio Lower Upper
188 100
94 13.8 10.2 15.2
80 14.9 10.9 16.3

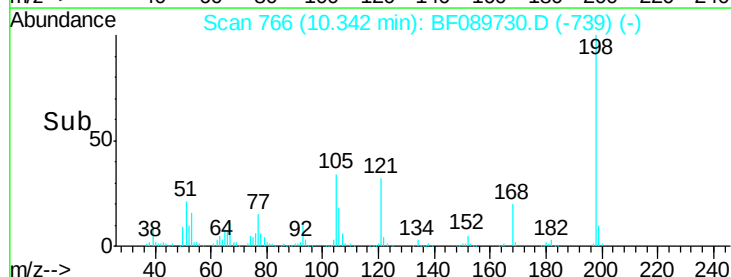
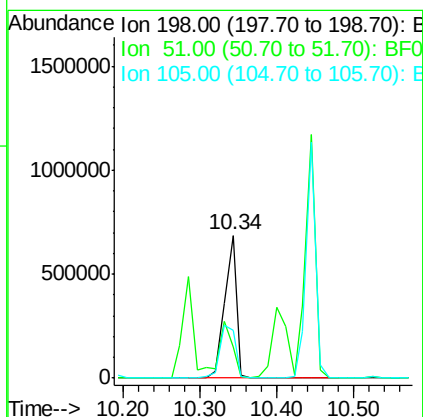
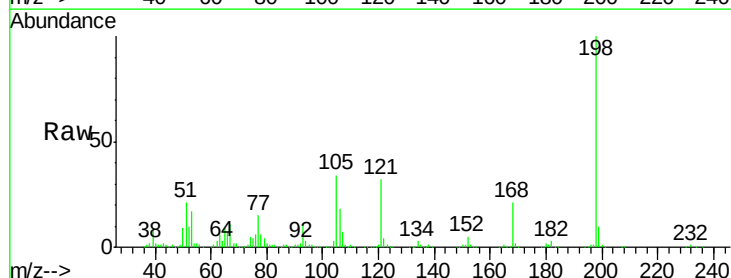
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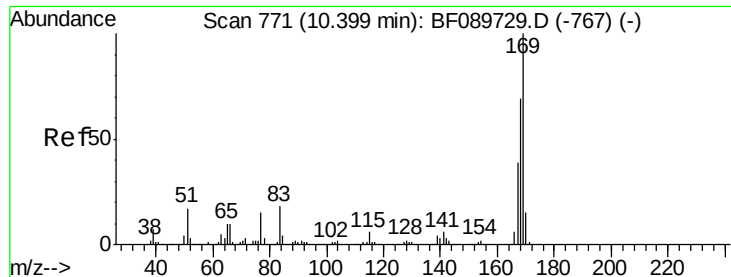
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#64
4,6-Dinitro-2-methylphenol
Concen: 62.35 ng
RT: 10.34 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:198 Resp: 756054
Ion Ratio Lower Upper
198 100
51 21.5 32.3 72.3#
105 33.7 32.9 72.9





#65

n-Nitrosodiphenylamine

Concen: 50.65 ng

RT: 10.41 min Scan# 772

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:169 Resp: 3697858

Ion Ratio Lower Upper

169 100

168 70.0 54.6 82.0

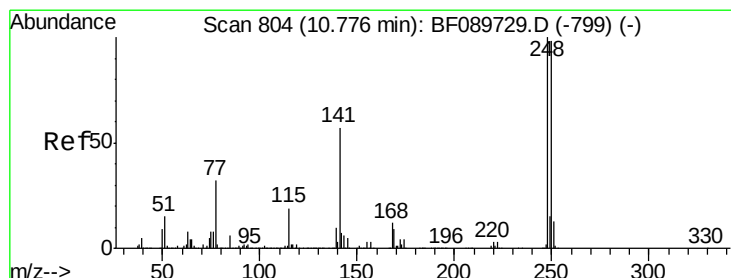
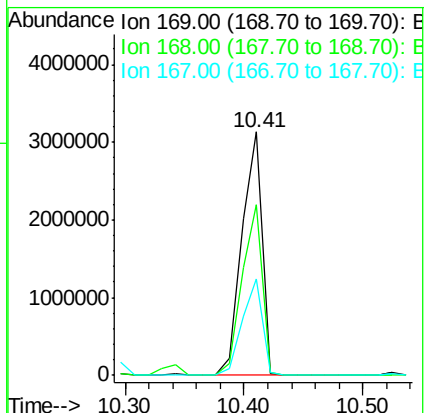
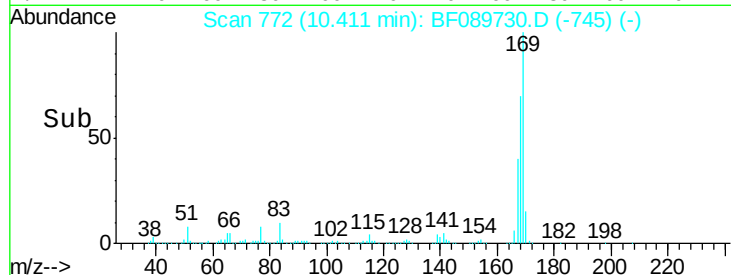
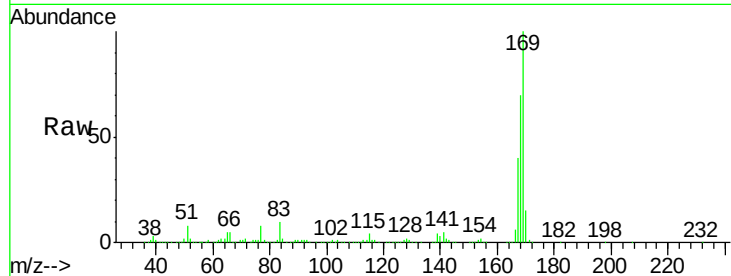
167 39.7 30.6 45.8

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#66

4-Bromophenyl-phenylether

Concen: 52.35 ng

RT: 10.78 min Scan# 804

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

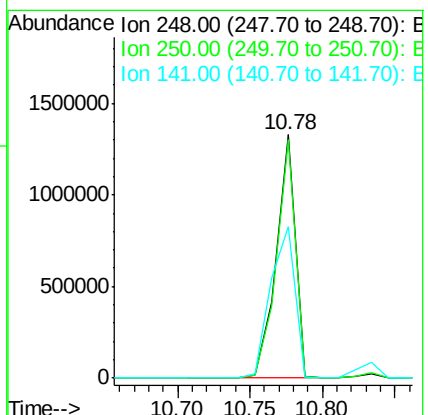
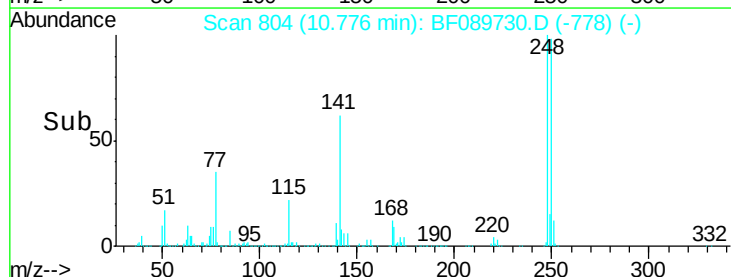
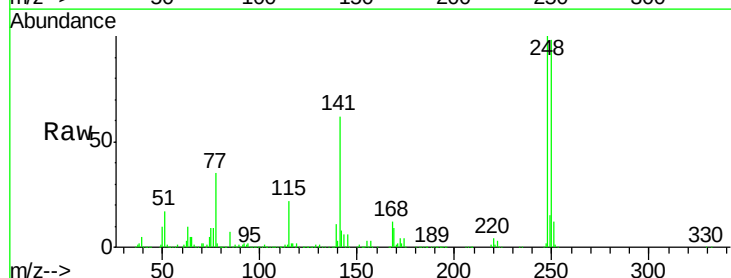
Tgt Ion:248 Resp: 1211660

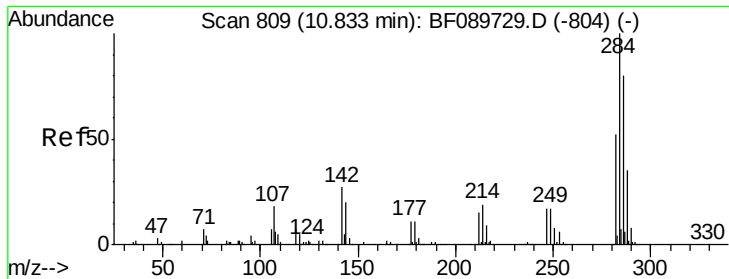
Ion Ratio Lower Upper

248 100

250 97.9 78.6 117.8

141 62.1 31.4 47.2#





#67

Hexachlorobenzene

Concen: 48.72 ng

RT: 10.83 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:284 Resp: 1265894
Ion Ratio Lower Upper

284 100

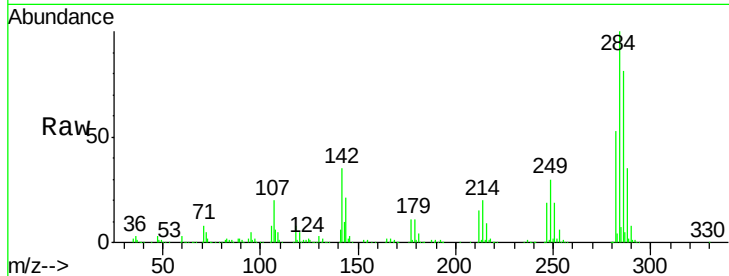
142 35.3 17.4 26.2#

249 30.0 22.8 34.2

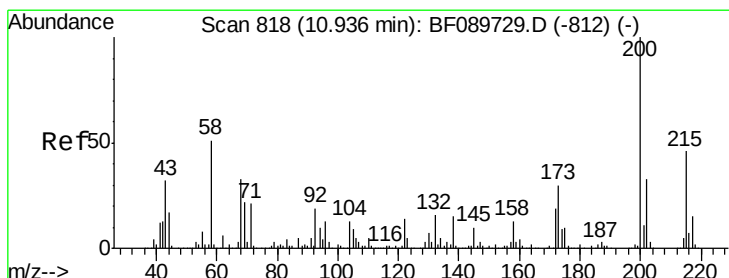
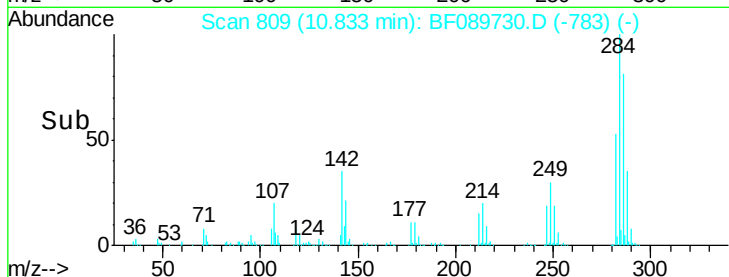
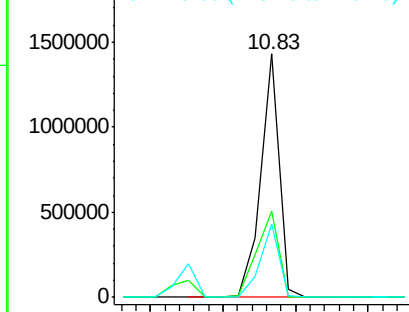
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.01 ng

RT: 10.94 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF089730.D

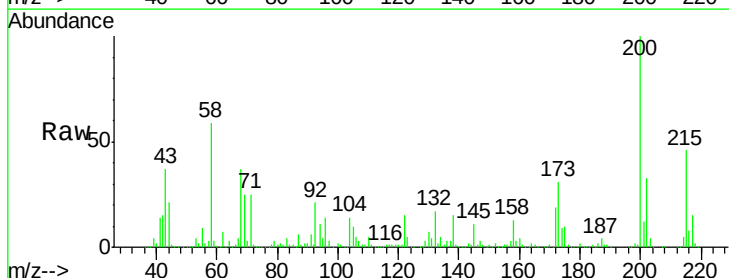
Acq: 16 Aug 2016 17:43

Tgt Ion:200 Resp: 923267
Ion Ratio Lower Upper

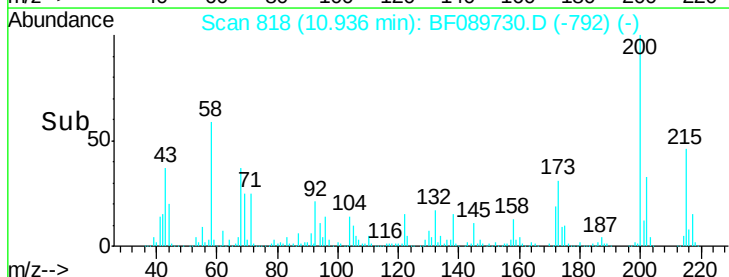
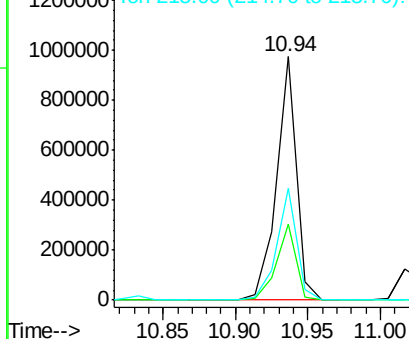
200 100

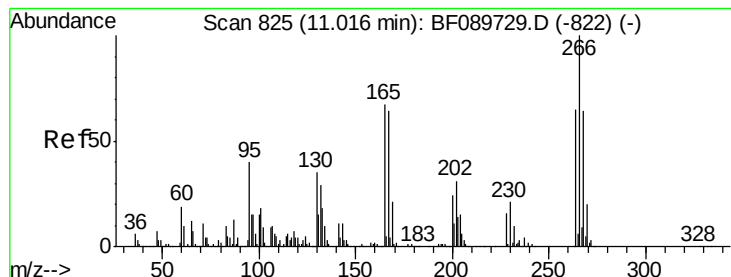
173 31.4 6.6 46.6

215 46.1 24.7 64.7



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





#69

Pentachlorophenol

Concen: 53.67 ng

RT: 11.03 min Scan# 826

Delta R.T. 0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

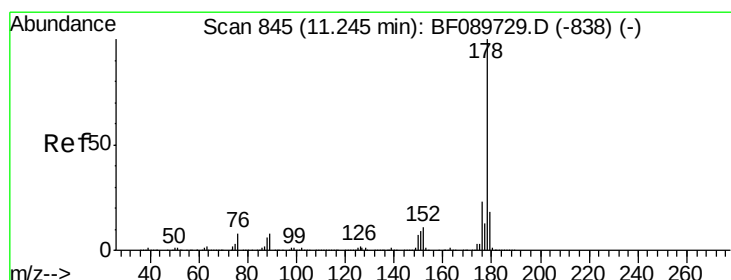
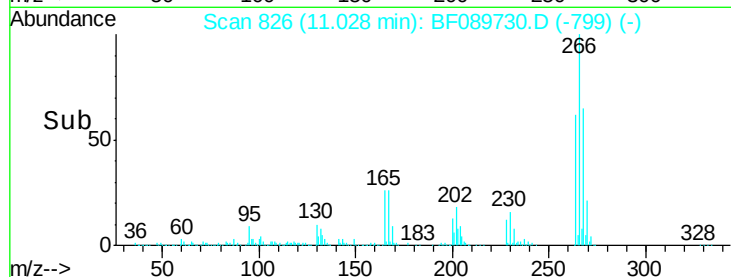
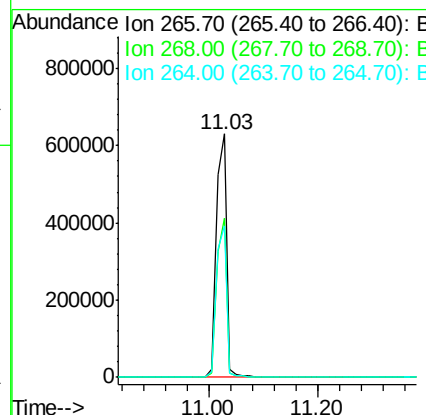
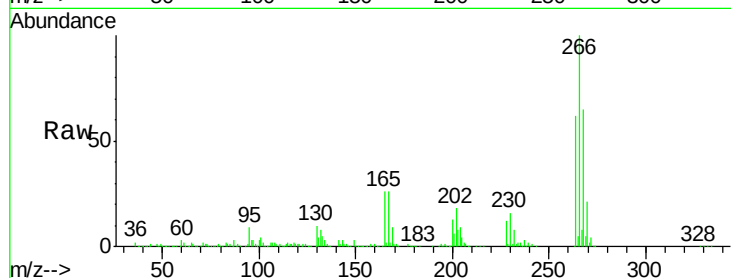
ClientSampleId :

SSTDICC050

Tgt Ion:	266	Resp:	840811
Ion Ratio		Lower	Upper
266	100		
268	65.2	53.2	79.8
264	62.4	51.1	76.7

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#70

Phenanthrene

Concen: 49.08 ng m

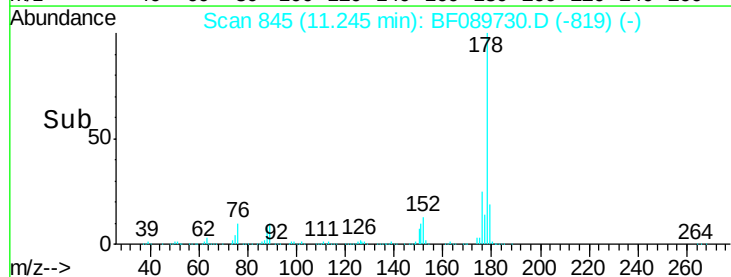
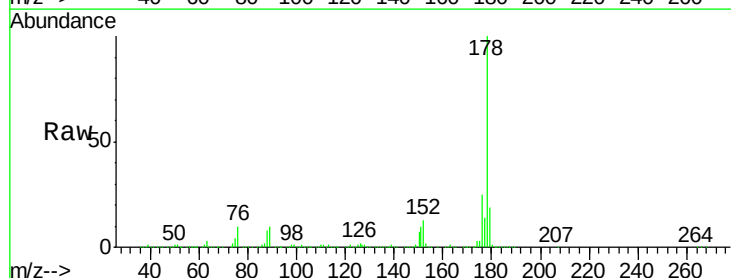
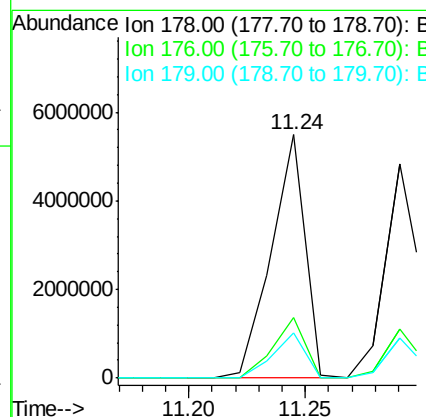
RT: 11.24 min Scan# 845

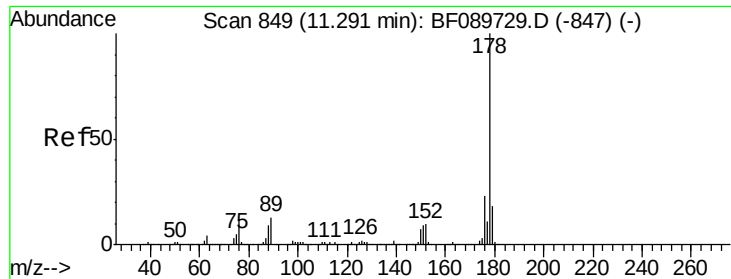
Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:	178	Resp:	5503813
Ion Ratio		Lower	Upper
178	100		
176	24.9	16.4	24.6#
179	18.8	12.5	18.7#





#71

Anthracene

Concen: 42.37 ng

RT: 11.29 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:178 Resp: 4971869

Ion Ratio Lower Upper

178 100

176 23.0 16.4 24.6

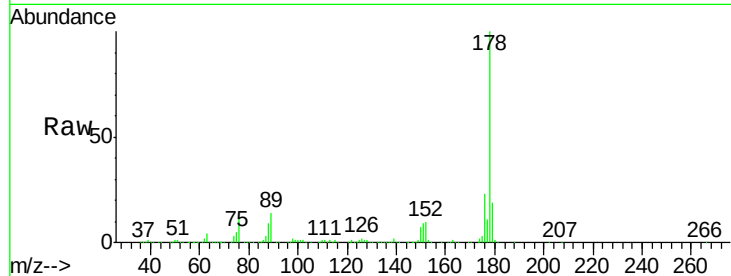
179 18.5 13.1 19.7

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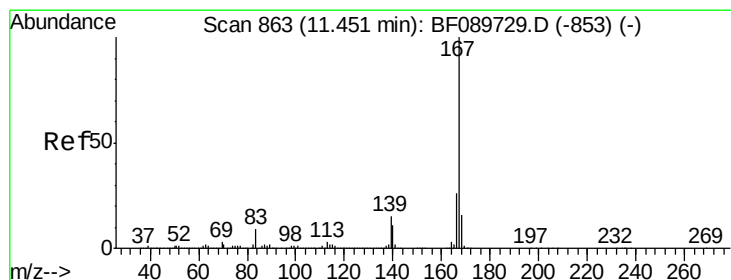
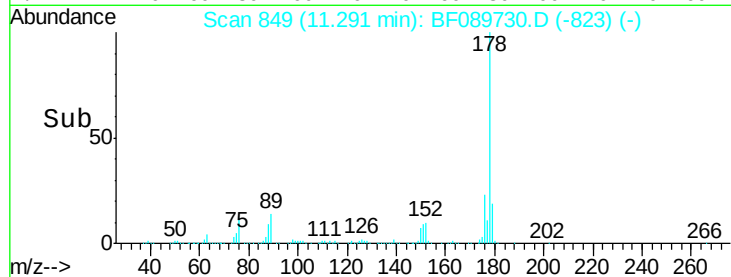
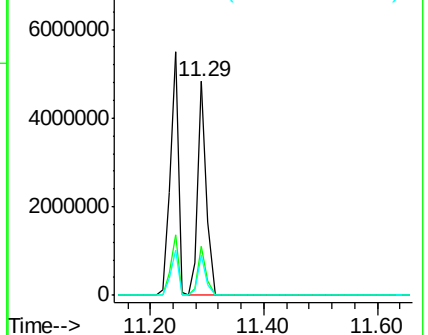
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 48.33 ng

RT: 11.45 min Scan# 863

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

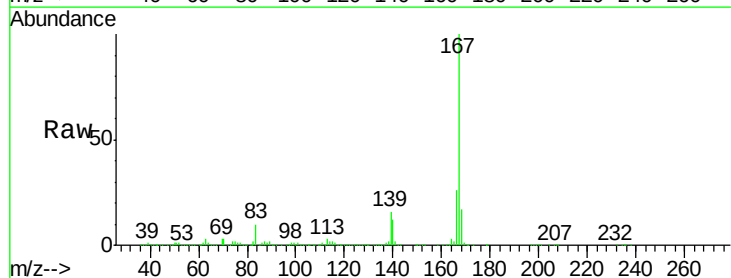
Tgt Ion:167 Resp: 5404499

Ion Ratio Lower Upper

167 100

166 26.4 17.9 26.9

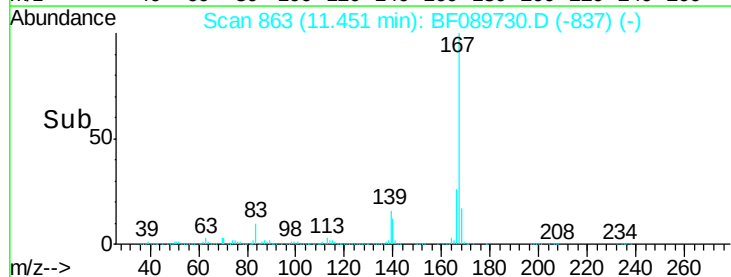
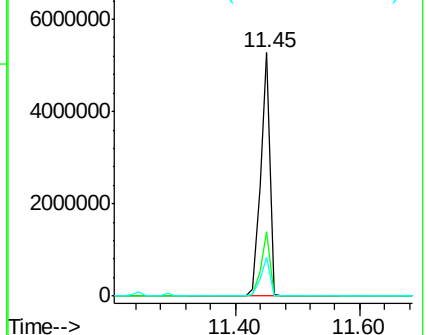
139 15.8 12.4 18.6

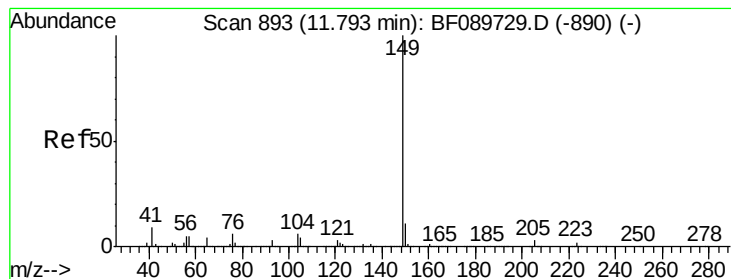


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 46.14 ng

RT: 11.79 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:149 Resp: 5950061

Ion Ratio Lower Upper

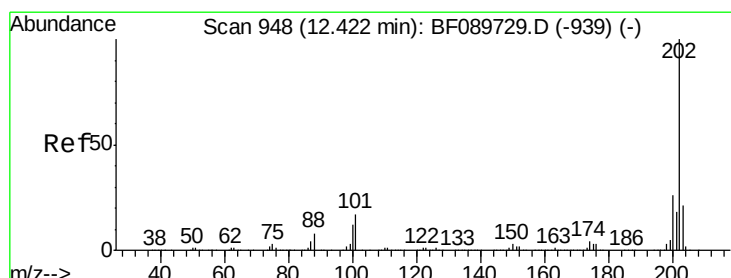
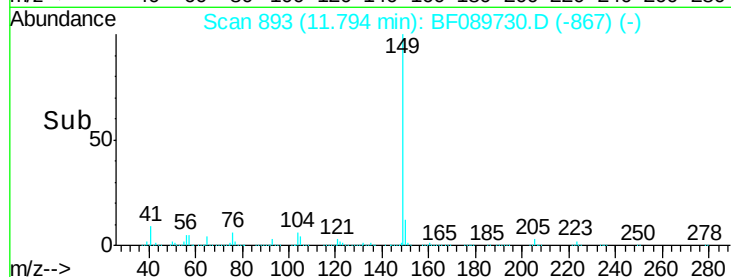
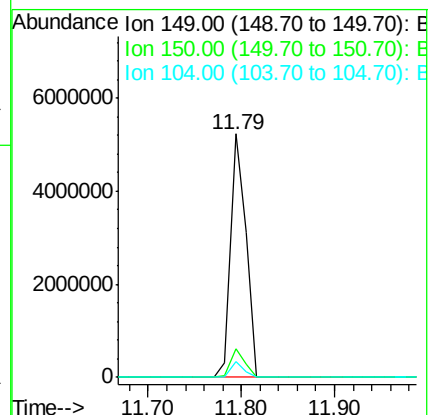
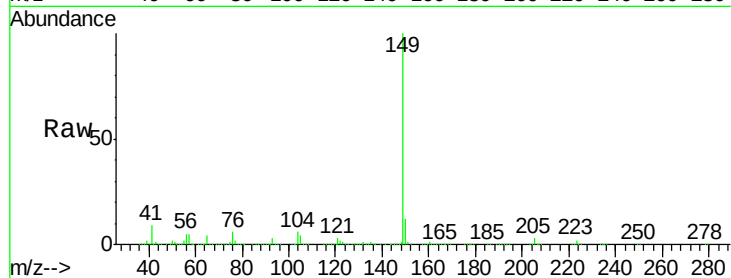
149 100

150 11.9 7.9 11.9

104 6.3 4.3 6.5

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#74

Fluoranthene

Concen: 41.73 ng

RT: 12.42 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

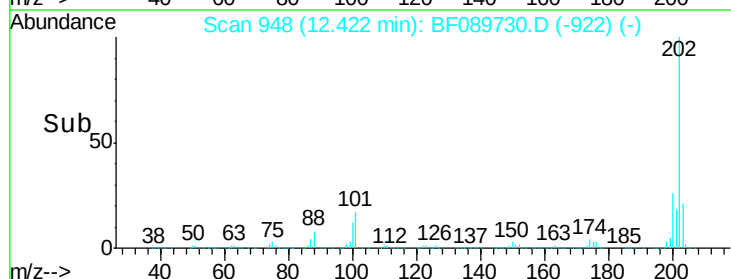
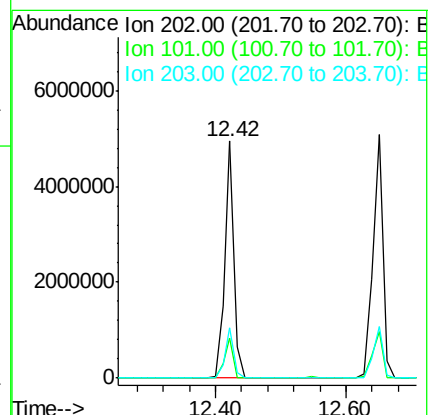
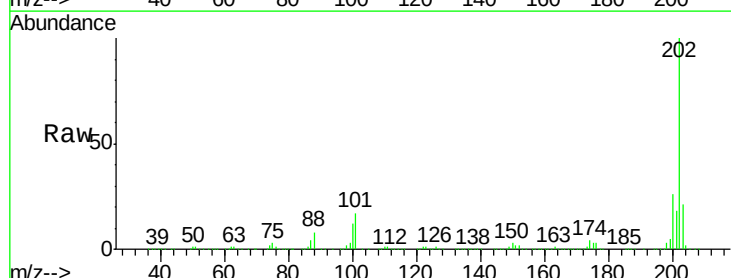
Tgt Ion:202 Resp: 4944248

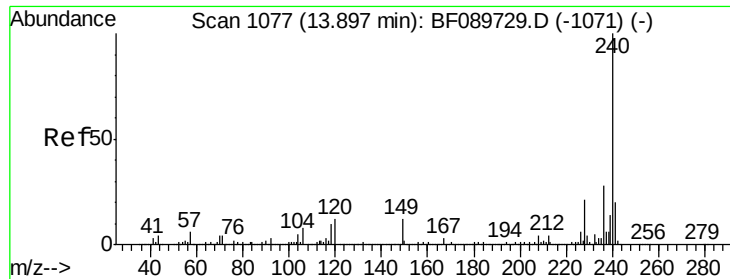
Ion Ratio Lower Upper

202 100

101 16.9 0.0 31.2

203 21.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1076

Delta R.T. -0.01 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

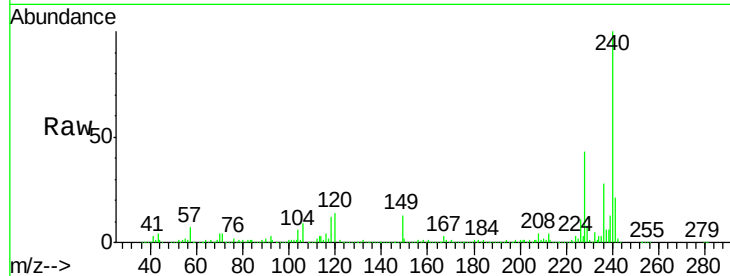
ClientSampleId :

SSTDICC050

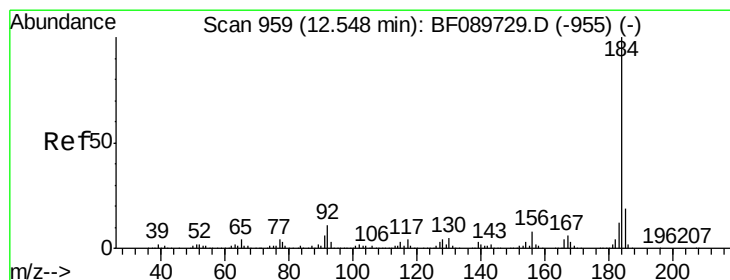
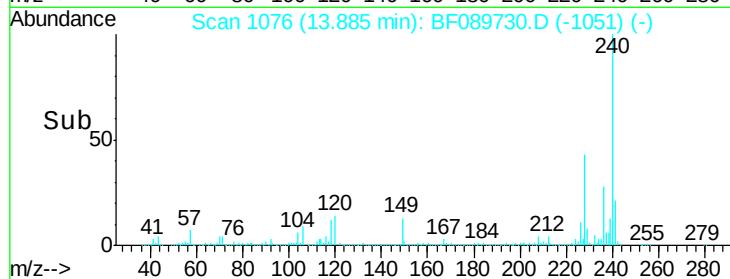
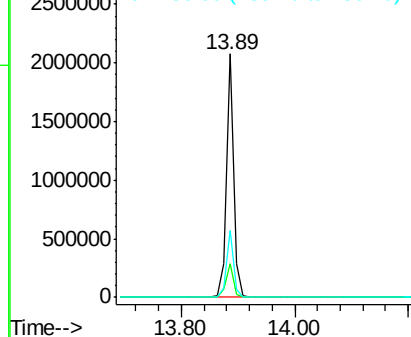
Tgt Ion:240 Resp: 1869835
 Ion Ratio Lower Upper
 240 100
 120 13.8 8.3 12.5#
 236 27.7 21.3 31.9

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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: 47.72 ng

RT: 12.55 min Scan# 959

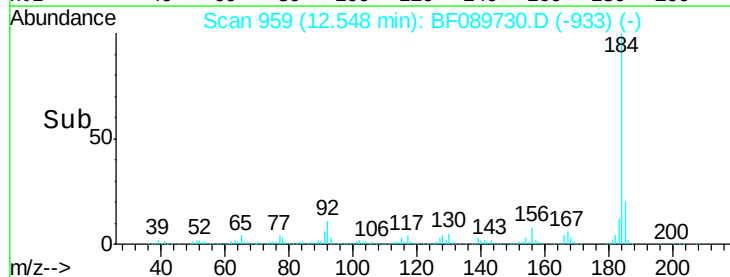
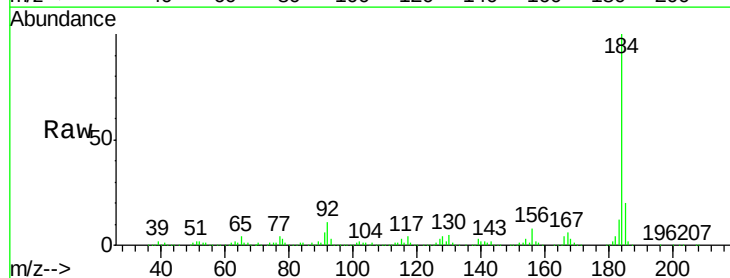
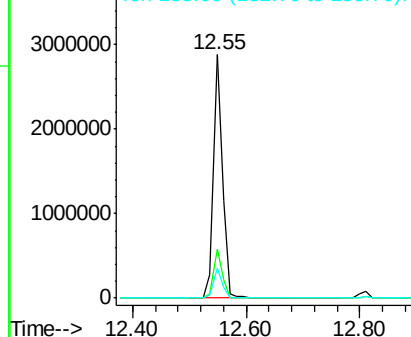
Delta R.T. 0.00 min

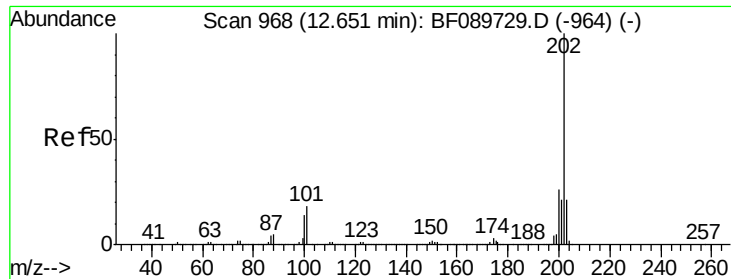
Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion:184 Resp: 3055946
 Ion Ratio Lower Upper
 184 100
 185 20.2 13.8 20.8
 183 12.1 9.7 14.5

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 185.00 (184.70 to 185.70): E
 Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.49 ng m

RT: 12.65 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:202 Resp: 5212928

Ion Ratio Lower Upper

202 100

200 26.8 17.8 26.6#

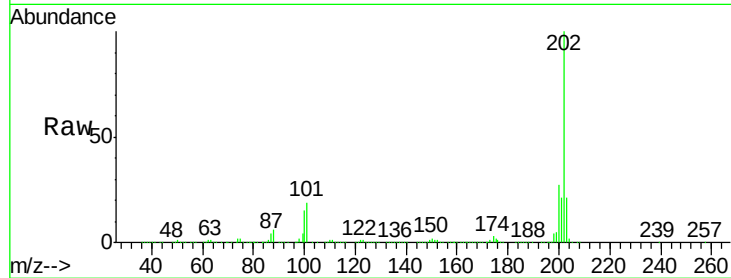
203 21.1 14.2 21.4

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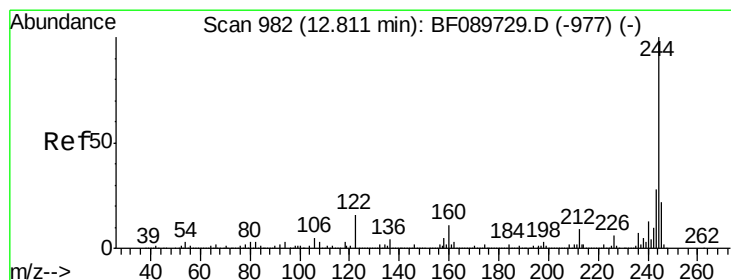
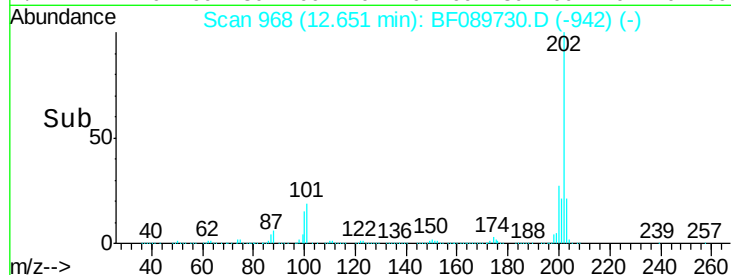
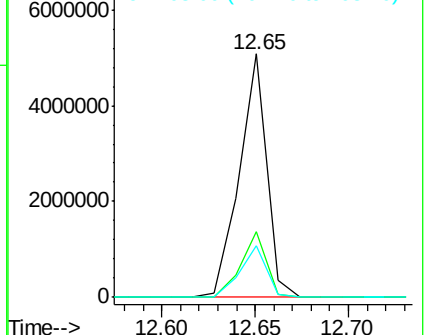
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 40.98 ng

RT: 12.81 min Scan# 982

Delta R.T. 0.00 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

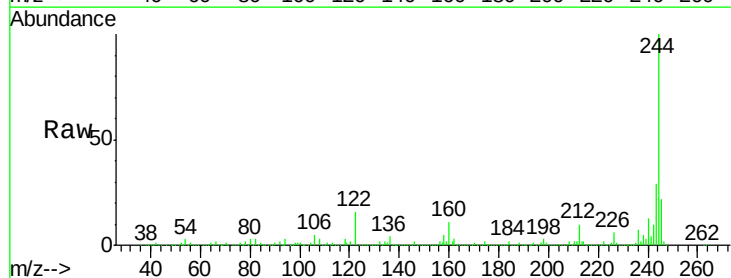
Tgt Ion:244 Resp: 5378232

Ion Ratio Lower Upper

244 100

212 9.5 6.3 9.5#

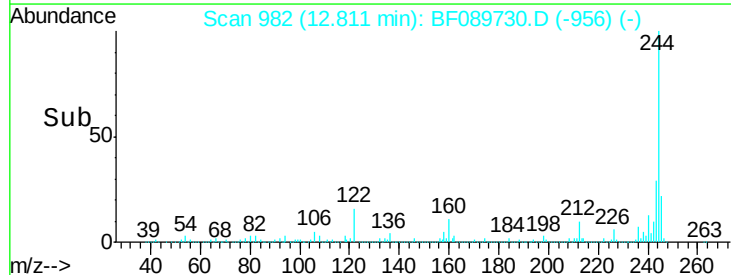
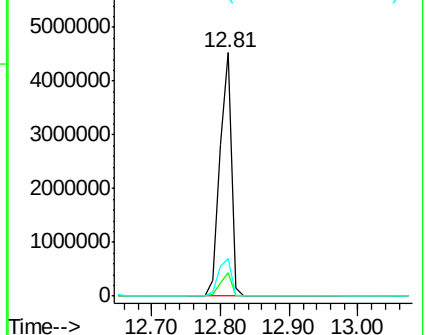
122 15.6 12.0 18.0

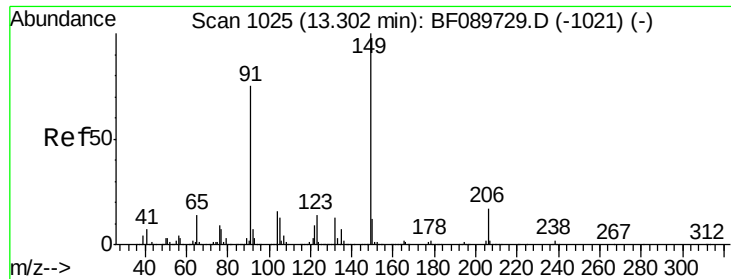


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





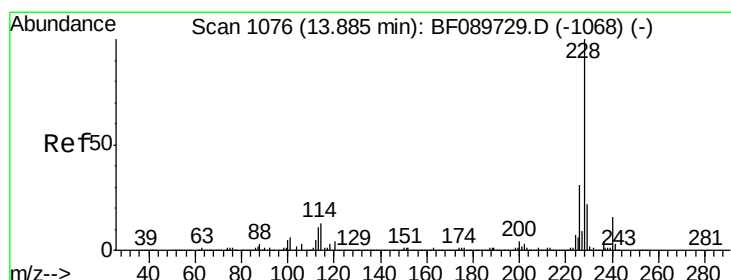
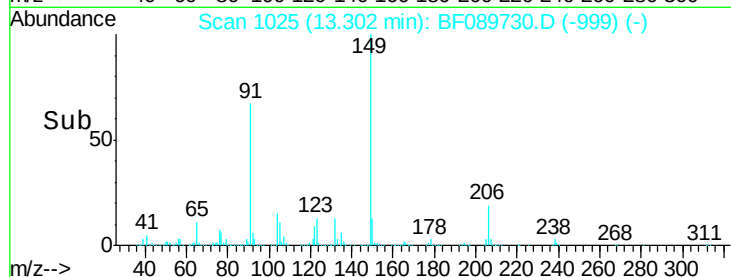
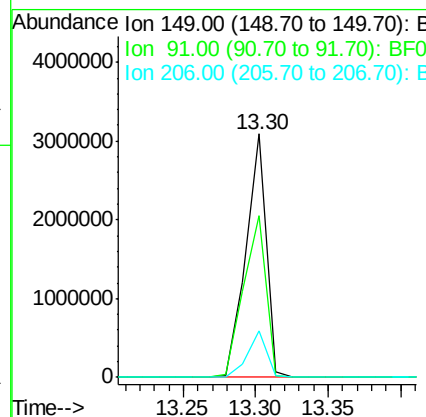
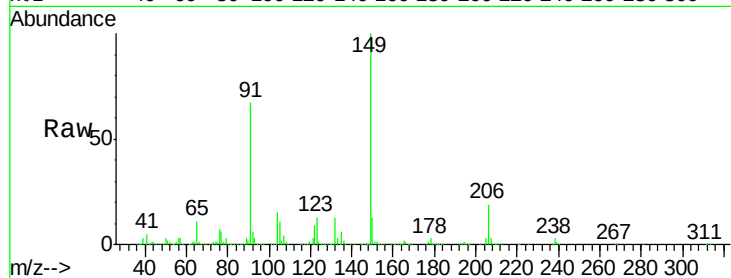
#79
Butylbenzylphthalate
Concen: 55.18 ng
RT: 13.30 min Scan# 1025
Delta R.T. 0.00 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:149 Resp: 3022453
Ion Ratio Lower Upper
149 100
91 66.5 50.7 76.1
206 19.0 15.5 23.3

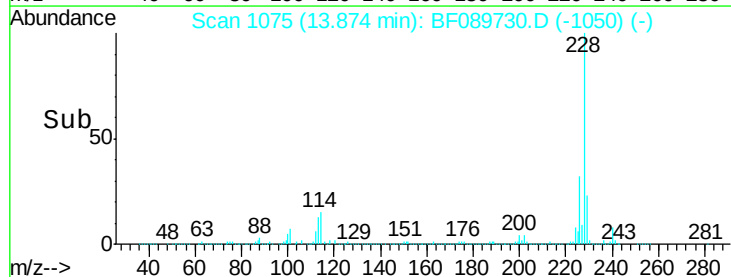
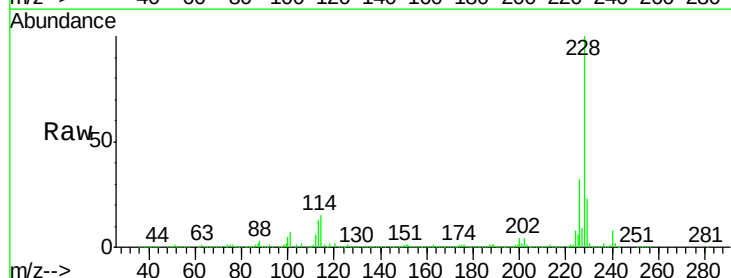
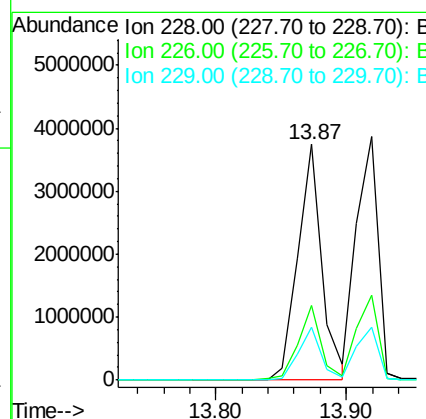
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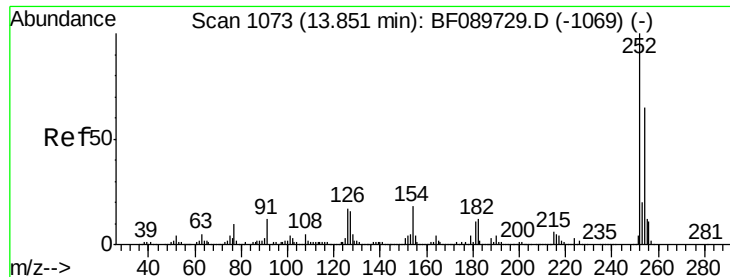
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#80
Benzo(a)anthracene
Concen: 44.86 ng
RT: 13.87 min Scan# 1075
Delta R.T. -0.01 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:228 Resp: 4814347
Ion Ratio Lower Upper
228 100
226 31.5 23.2 34.8
229 22.5 16.2 24.4





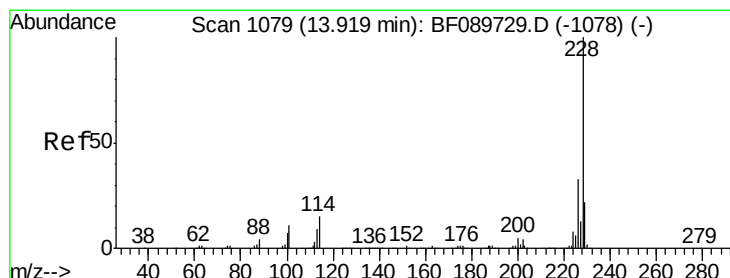
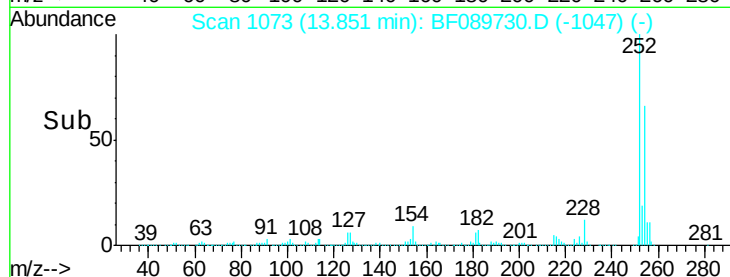
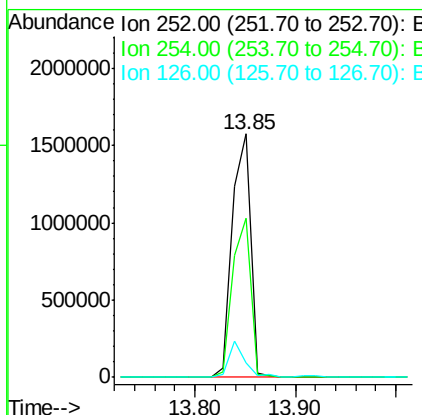
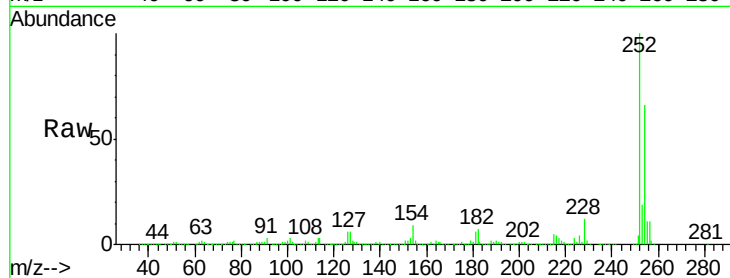
#81
 3,3'-Dichlorobenzidine
 Concen: 51.10 ng
 RT: 13.85 min Scan# 1073
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	50.6	75.8
126	6.1	12.6	18.8

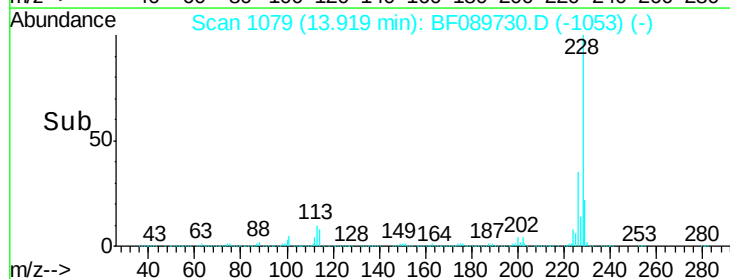
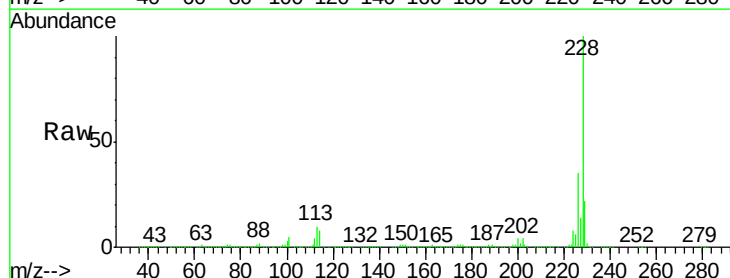
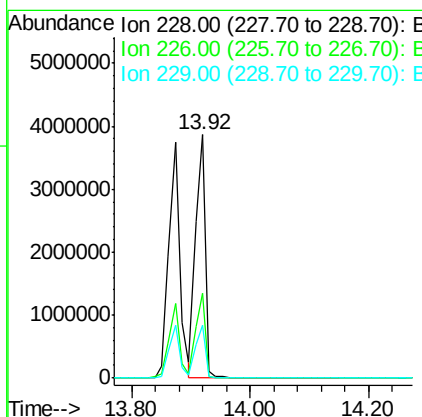
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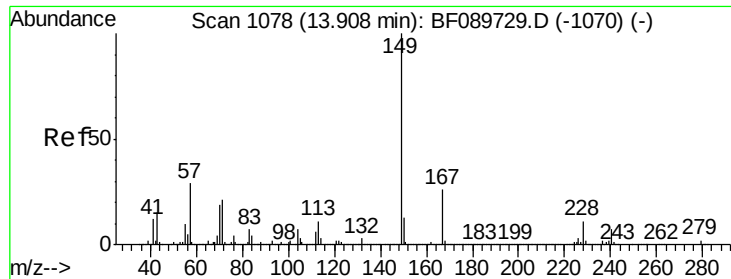
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#82
 Chrysene
 Concen: 46.85 ng
 RT: 13.92 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.6	25.4	38.0
229	21.5	16.5	24.7





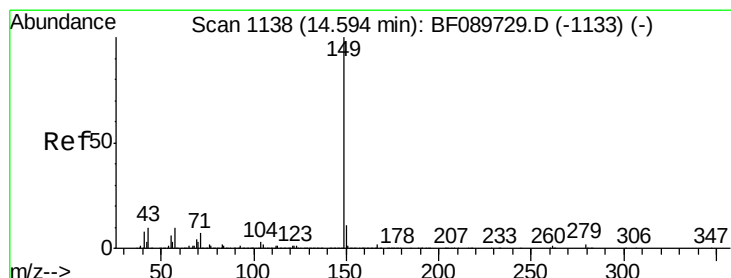
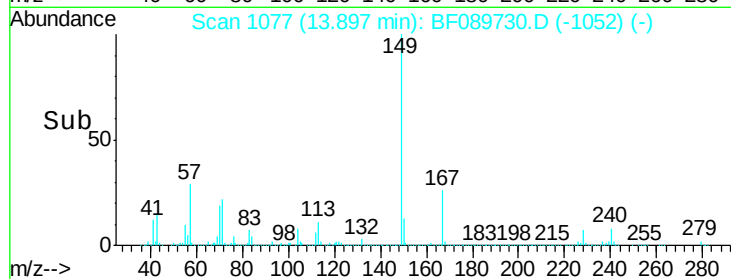
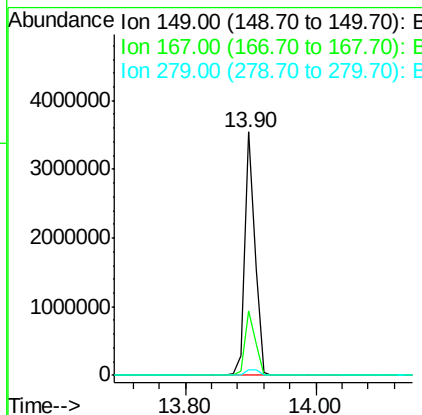
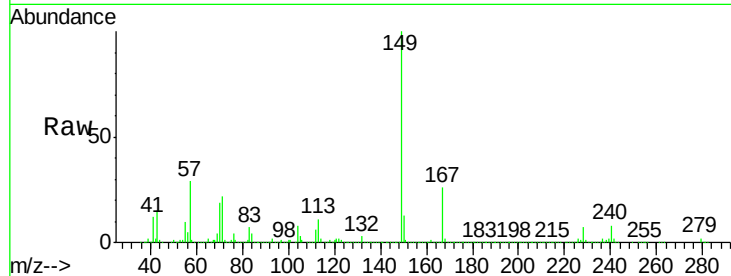
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.80 ng
 RT: 13.90 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:149 Resp: 3756878
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.2 31.8
 279 2.2 2.9 4.3#

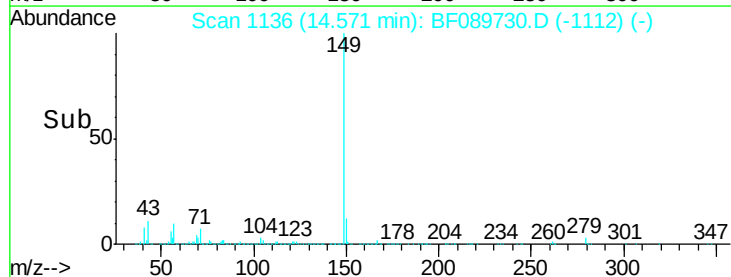
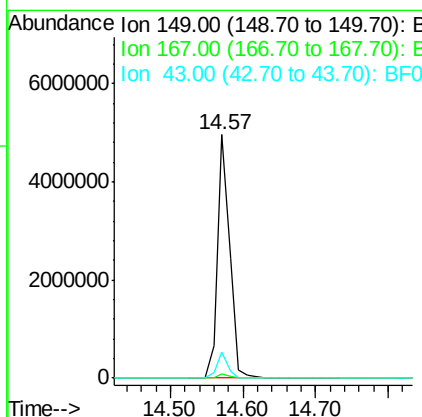
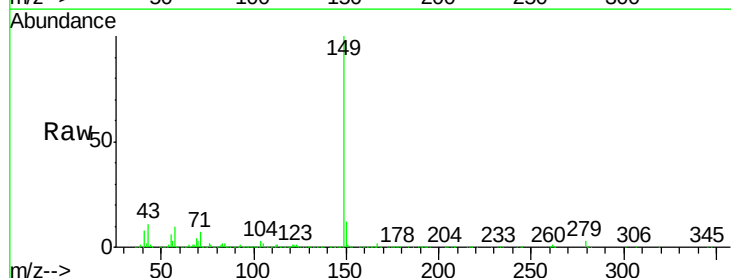
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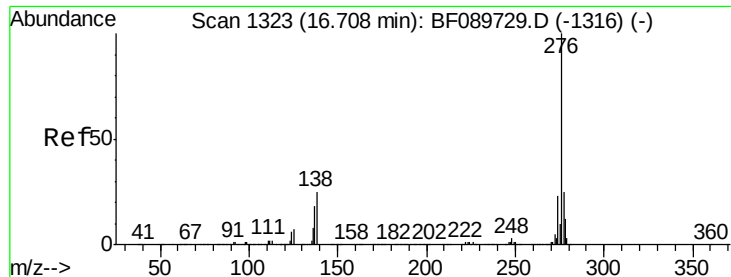
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#84
 Di-n-octyl phthalate
 Concen: 49.39 ng
 RT: 14.57 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF089730.D
 Acq: 16 Aug 2016 17:43

Tgt Ion:149 Resp: 5723786
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 9.7 8.4 12.6





#85

Indeno(1,2,3-cd)pyrene

Concen: 47.46 ng

RT: 16.67 min Scan# 1320

Delta R.T. -0.03 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Tgt Ion:276 Resp: 3917974

Ion Ratio Lower Upper

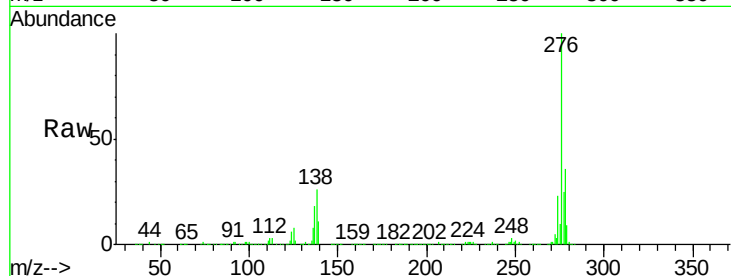
276 100

138 29.9 24.6 36.8

277 25.6 20.4 30.6

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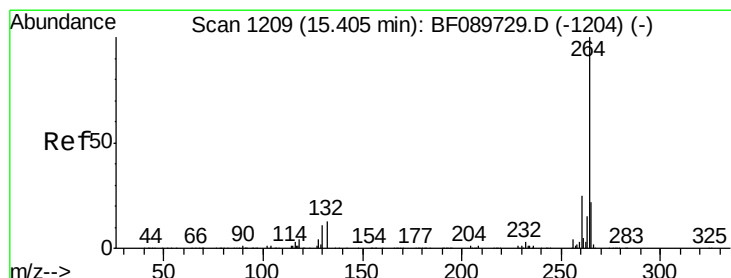
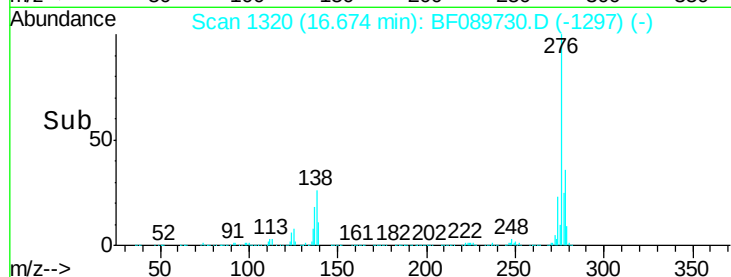
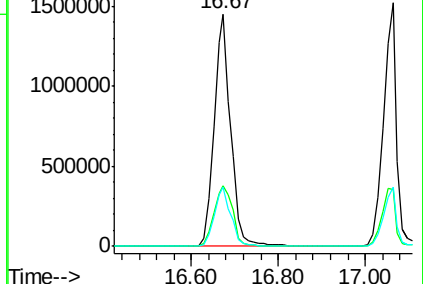
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Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.36 min Scan# 1205

Delta R.T. -0.05 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

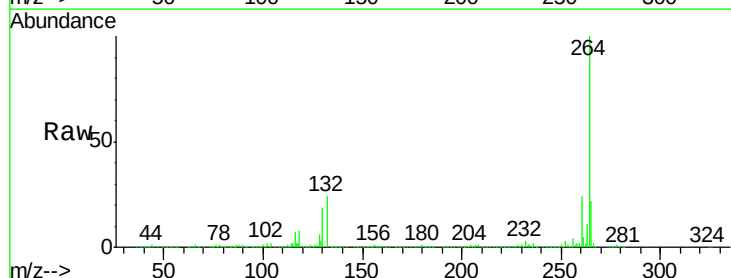
Tgt Ion:264 Resp: 1548721

Ion Ratio Lower Upper

264 100

260 24.3 20.2 30.2

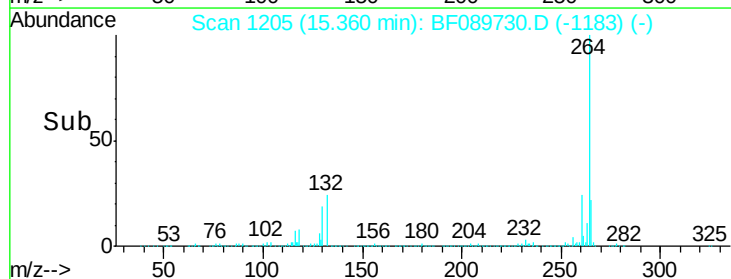
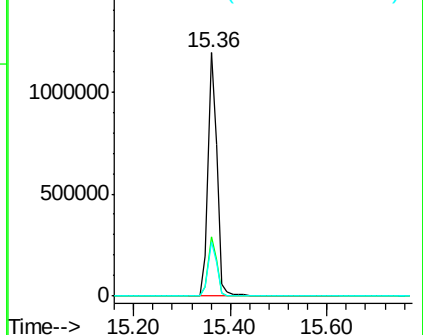
265 22.4 17.4 26.2

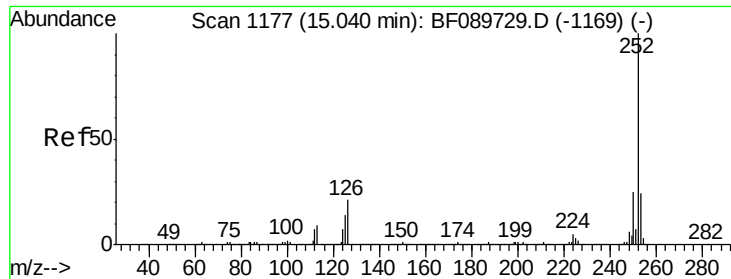


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





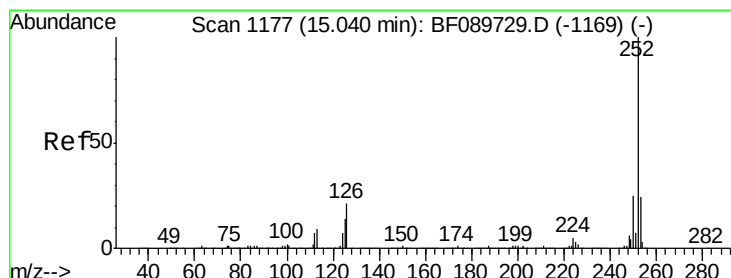
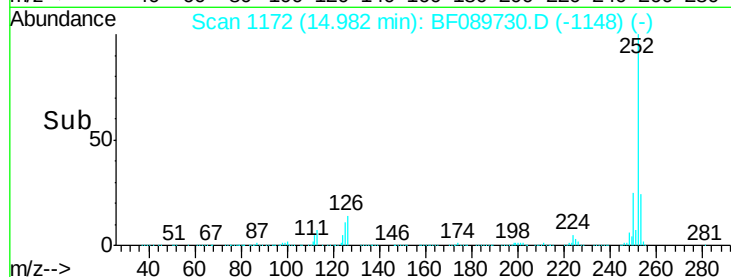
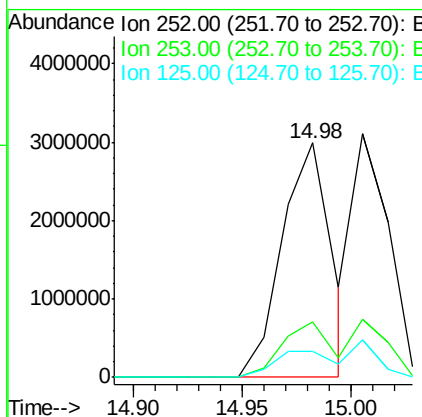
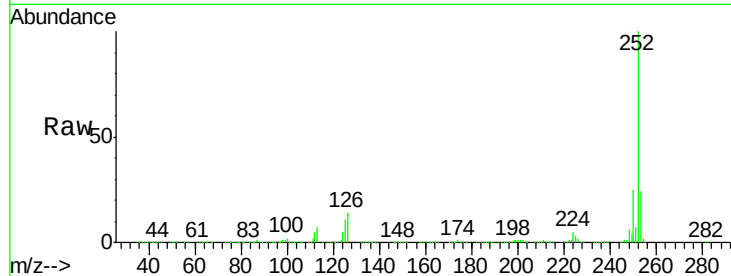
#87
Benzo(b)fluoranthene
Concen: 49.13 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 252 Resp: 4708839
Ion Ratio Lower Upper
252 100
253 23.9 17.8 26.8
125 10.9 11.4 17.2#

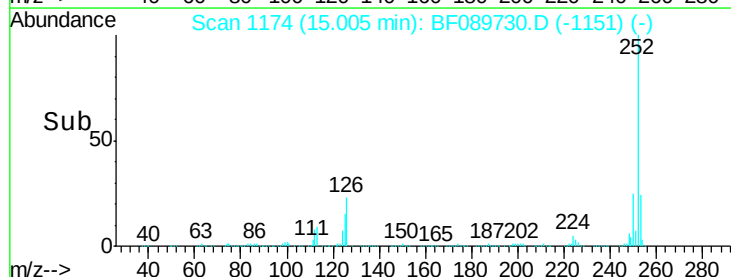
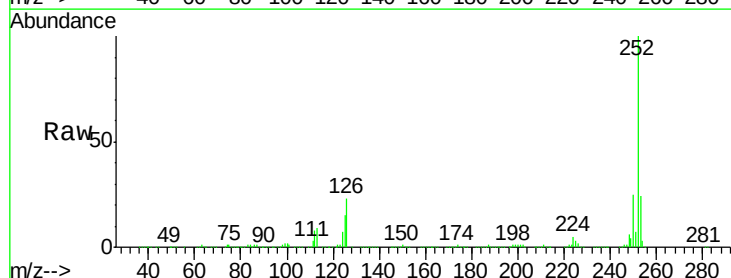
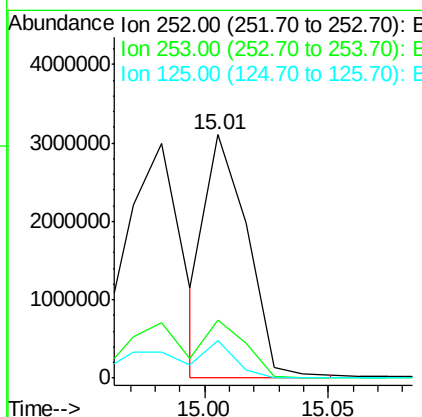
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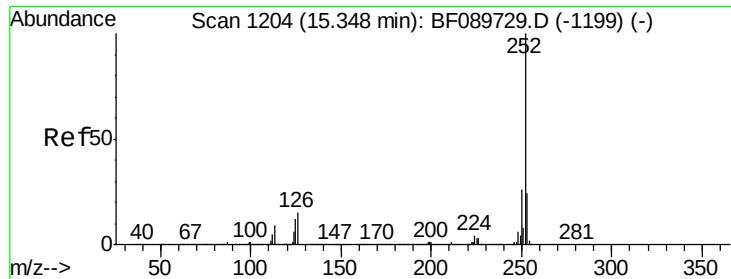
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#88
Benzo(k)fluoranthene
Concen: 47.63 ng m
RT: 15.01 min Scan# 1174
Delta R.T. -0.03 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion: 252 Resp: 3651024
Ion Ratio Lower Upper
252 100
253 24.1 18.4 27.6
125 15.4 9.8 14.6#





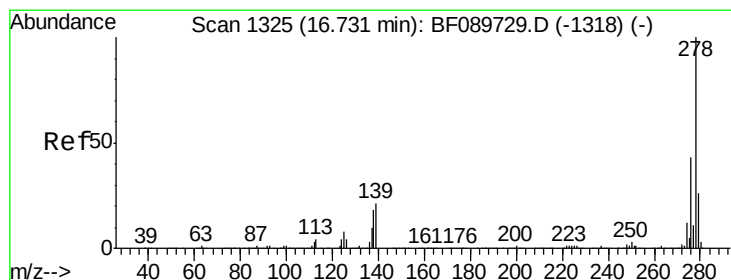
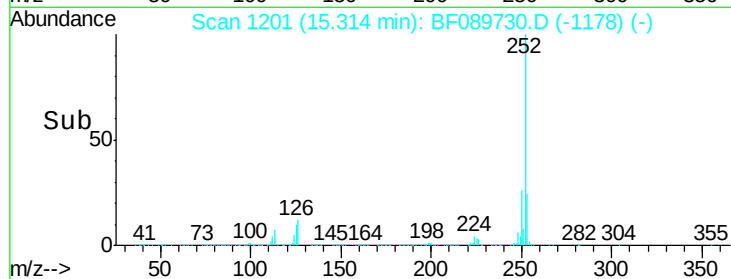
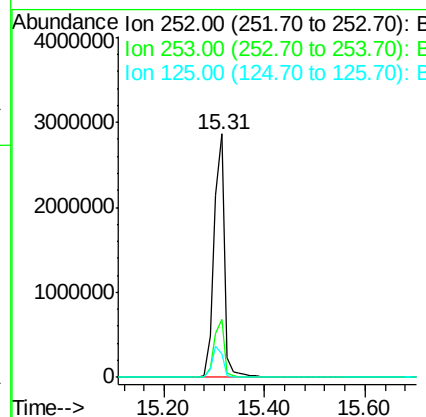
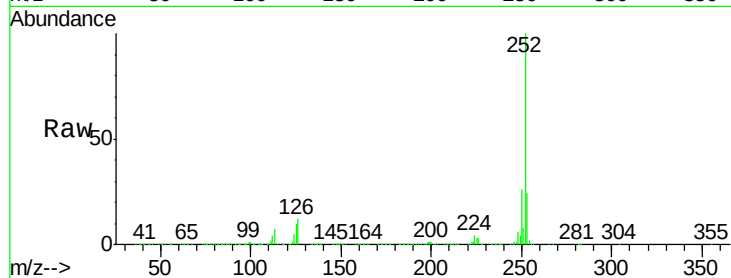
#89
Benzo(a)pyrene
Concen: 50.72 ng
RT: 15.31 min Scan# 1201
Delta R.T. -0.03 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Instrument :
BNA_F
ClientSampleId :
SSTDIC050

Tgt Ion:252 Resp: 4077823
Ion Ratio Lower Upper
252 100
253 23.7 17.8 26.8
125 9.8 11.7 17.5#

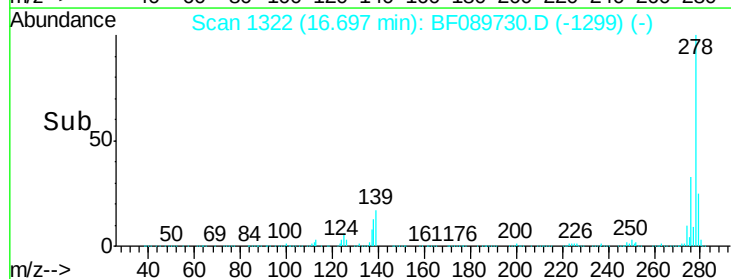
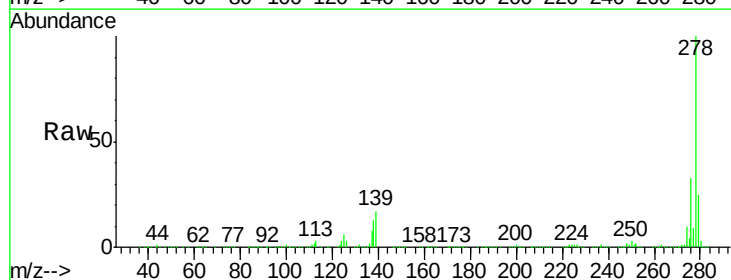
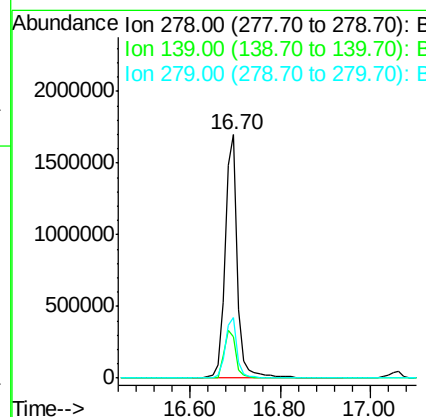
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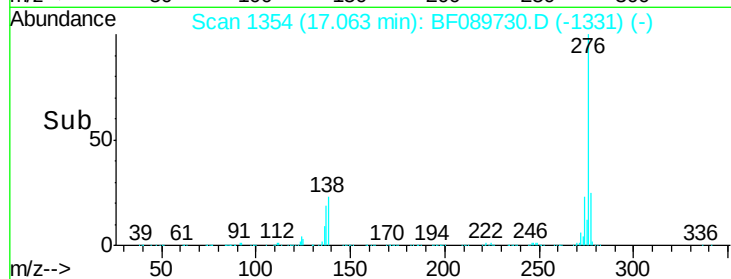
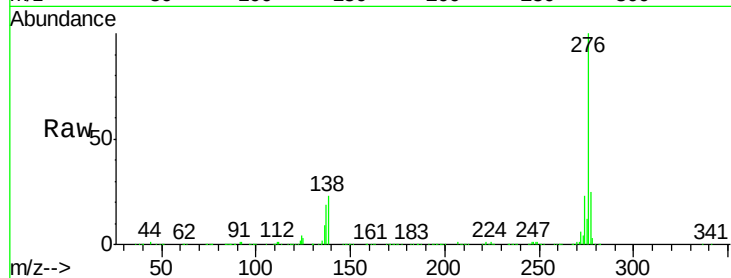
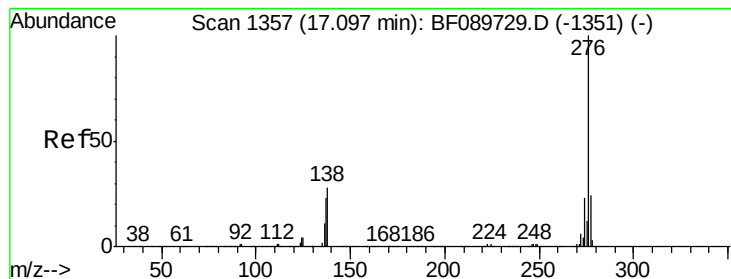
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#90
Dibenzo(a,h)anthracene
Concen: 50.76 ng
RT: 16.70 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BF089730.D
Acq: 16 Aug 2016 17:43

Tgt Ion:278 Resp: 3204678
Ion Ratio Lower Upper
278 100
139 16.9 14.9 22.3
279 25.1 19.2 28.8





#91

Benzo(g,h,i)perylene

Concen: 50.55 ng

RT: 17.06 min Scan# 1354

Delta R.T. -0.03 min

Lab File: BF089730.D

Acq: 16 Aug 2016 17:43

Tgt Ion: 276 Resp: 3234853

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 23.4 22.1 33.1

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

Manual Integrations

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