

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051315\
 Data File : BF079209.D
 Acq On : 13 May 2015 22:38
 Operator : TP/IZ
 Sample : G2215-06MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Quant Time: May 14 01:20:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	59523	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	228995	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	113893	20.00	ng	0.00
63) Phenanthrene-d10	12.83	188	213283	20.00	ng	0.00
75) Chrysene-d12	16.13	240	209886	20.00	ng	-0.03
86) Perylene-d12	17.89	264	269650	20.00	ng	-0.14

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	394579	114.11	ng	0.00
7) Phenol-d6	6.80	99	545353	119.31	ng	0.00
23) Nitrobenzene-d5	7.93	82	276051	69.28	ng	0.00
41) 2,4,6-Tribromophenol	11.97	330	139365	113.11	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	495039	60.56	ng	0.00
78) Terphenyl-d14	14.82	244	559562	63.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	45223	30.08	ng	# 25
3) Pyridine	2.88	79	137259	31.20	ng	94
4) n-Nitrosodimethylamine	2.80	42	47144	25.01	ng	# 77
6) Aniline	6.82	93	149653	23.20	ng	# 24
8) 2-Chlorophenol	6.97	128	150118	38.28	ng	89
9) Benzaldehyde	6.68	77	66629	21.64	ng	# 78
10) Phenol	6.82	94	202064	38.11	ng	79
11) bis(2-Chloroethyl)ether	6.92	93	151010	38.85	ng	94
12) 1,3-Dichlorobenzene	7.15	146	151931	34.47	ng	97
13) 1,4-Dichlorobenzene	7.26	146	157067	34.62	ng	99
14) 1,2-Dichlorobenzene	7.44	146	145715	34.50	ng	100
15) Benzyl Alcohol	7.42	79	121329	35.76	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.60	45	205264	34.52	ng	97
17) 2-Methylphenol	7.56	107	115299	36.53	ng	98
18) Hexachloroethane	7.85	117	47173	30.19	ng	# 75
19) n-Nitroso-di-n-propylamine	7.75	70	99683	32.29	ng	91
20) 3+4-Methylphenols	7.76	107	152095	36.17	ng	# 44
22) Acetophenone	7.75	105	200808	38.81	ng	# 90
24) Nitrobenzene	7.95	77	146559	37.11	ng	# 87
25) Isophorone	8.25	82	268931	36.41	ng	96
26) 2-Nitrophenol	8.34	139	67656	41.39	ng	# 86
27) 2,4-Dimethylphenol	8.41	122	135514	41.43	ng	95
28) bis(2-Chloroethoxy)methane	8.52	93	164709	36.17	ng	# 97
29) 2,4-Dichlorophenol	8.64	162	117206	40.29	ng	95
30) 1,2,4-Trichlorobenzene	8.74	180	114722	35.90	ng	95
31) Naphthalene	8.84	128	1490270	136.58	ng	99
32) Benzoic acid	8.52	122	1422	6.91	ng	# 90
33) 4-Chloroaniline	8.91	127	120618	26.12	ng	96
34) Hexachlorobutadiene	8.99	225	62946	34.21	ng	98
35) Caprolactam	9.34	113	36430	38.73	ng	95
36) 4-Chloro-3-methylphenol	9.52	107	117834	38.57	ng	99
37) 2-Methylnaphthalene	9.70	142	880214	116.41	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.91	216	106537	33.21	ng	# 100
40) Hexachlorocyclopentadiene	9.88	237	12865	7.98	ng	97

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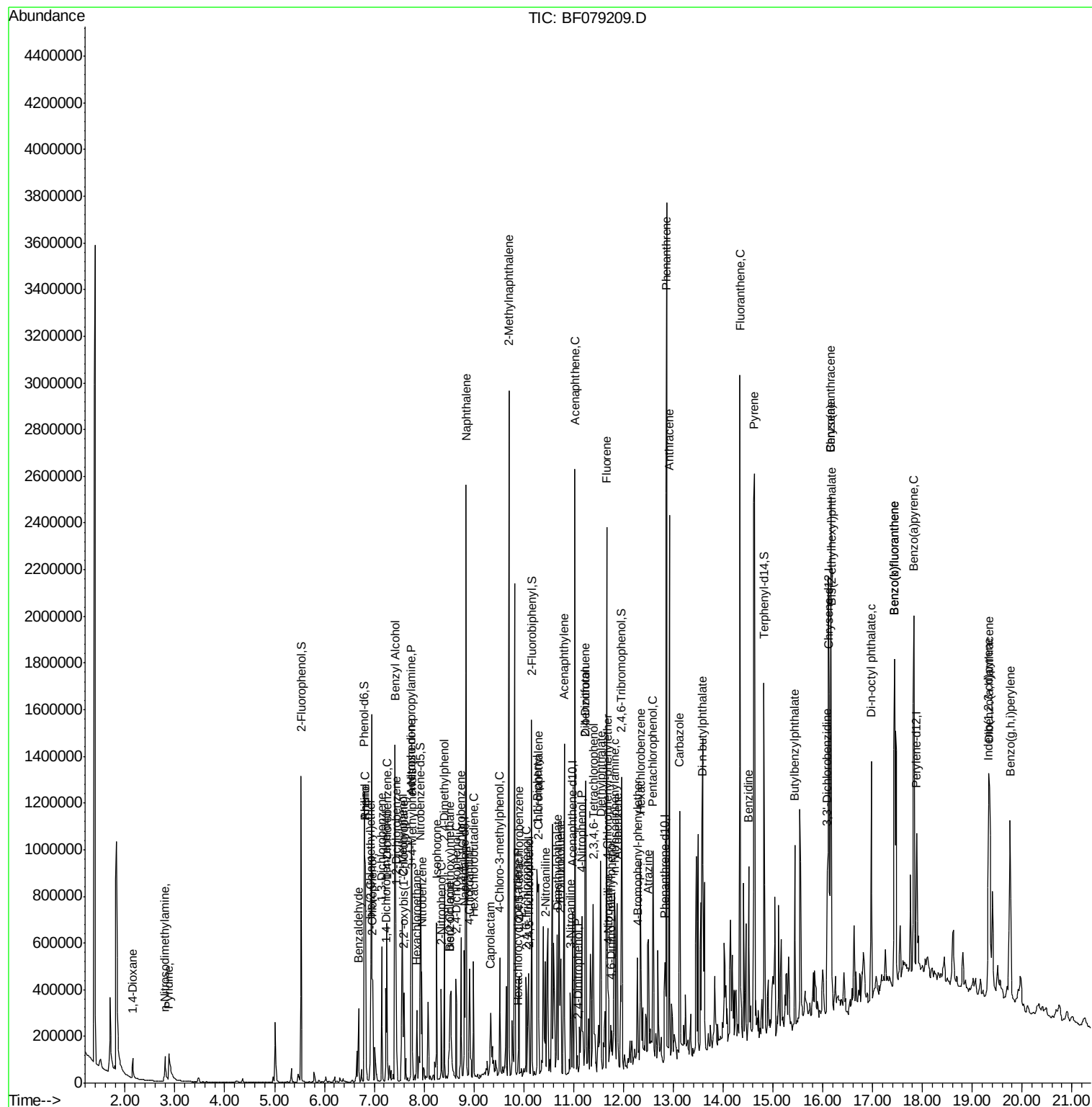
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.06	196	79930	36.25	ng	96
43) 2,4,5-Trichlorophenol	10.10	196	83712	37.55	ng #	87
45) 1,1'-Biphenyl	10.27	154	394823	43.61	ng	98
46) 2-Chloronaphthalene	10.30	162	243933	34.54	ng	99
47) 2-Nitroaniline	10.43	65	82380	40.26	ng #	81
48) Acenaphthylene	10.81	152	477809	41.20	ng	98
49) Dimethylphthalate	10.67	163	344442	41.21	ng	99
50) 2,6-Dinitrotoluene	10.74	165	64132	38.88	ng #	73
51) Acenaphthene	11.03	154	573056	82.87	ng	98
52) 3-Nitroaniline	10.94	138	69279	33.62	ng #	79
53) 2,4-Dinitrophenol	11.09	184	3637	12.19	ng #	84
54) Dibenzofuran	11.25	168	421368	42.18	ng	94
55) 4-Nitrophenol	11.17	139	128913	79.04	ng	92
56) 2,4-Dinitrotoluene	11.25	165	85161	39.05	ng #	65
57) Fluorene	11.67	166	604741	73.76	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.39	232	65139	35.75	ng #	100
59) Diethylphthalate	11.54	149	280283	33.85	ng	98
60) 4-Chlorophenyl-phenylether	11.68	204	120788	33.21	ng	92
61) 4-Nitroaniline	11.69	138	75708	36.72	ng	90
62) Azobenzene	11.87	77	268713	32.93	ng	85
64) 4,6-Dinitro-2-methylphenol	11.75	198	7762	12.80	ng	84
65) n-Nitrosodiphenylamine	11.83	169	261548	36.82	ng	98
66) 4-Bromophenyl-phenylether	12.29	248	79398	35.71	ng #	89
67) Hexachlorobenzene	12.34	284	87606	34.48	ng #	92
68) Atrazine	12.50	200	78509	38.01	ng	94
69) Pentachlorophenol	12.59	266	88331	61.18	ng	97
70) Phenanthrene	12.87	178	1795685	150.49	ng	98
71) Anthracene	12.93	178	928447	79.32	ng	100
72) Carbazole	13.13	167	449827	40.32	ng	99
73) Di-n-butylphthalate	13.58	149	477275	35.67	ng	99
74) Fluoranthene	14.34	202	1260464	101.38	ng	98
76) Benzidine	14.51	184	290192	51.30	ng	98
77) Pyrene	14.63	202	1507768	124.66	ng	99
79) Butylbenzylphthalate	15.44	149	215039	40.67	ng	99
80) Benzo(a)anthracene	16.16	228	634363	55.19	ng	95
81) 3,3'-Dichlorobenzidine	16.09	252	135737	33.16	ng #	98
82) Chrysene	16.16	228	758466	68.61	ng	98
83) Bis(2-ethylhexyl)phthalate	16.17	149	325701	40.67	ng	99
84) Di-n-octyl phthalate	16.97	149	600039	42.55	ng #	100
85) Indeno(1,2,3-cd)pyrene	19.33	276	791519	56.20	ng #	100
87) Benzo(b)fluoranthene	17.44	252	883484	59.86	ng	98
88) Benzo(k)fluoranthene	17.44	252	1504149	105.27	ng	98
89) Benzo(a)pyrene	17.83	252	847306	62.35	ng	97
90) Dibenzo(a,h)anthracene	19.35	278	527606	36.53	ng #	96
91) Benzo(g,h,i)perylene	19.76	276	669902	46.28	ng	96

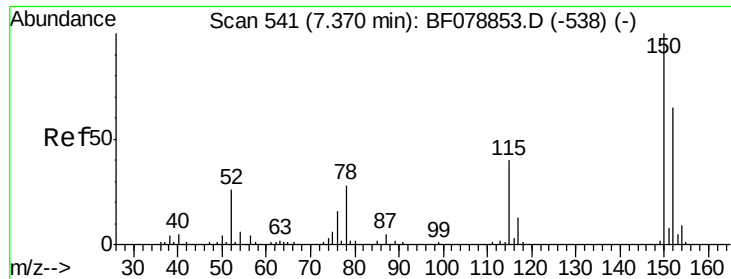
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.23 min Scan# 529

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

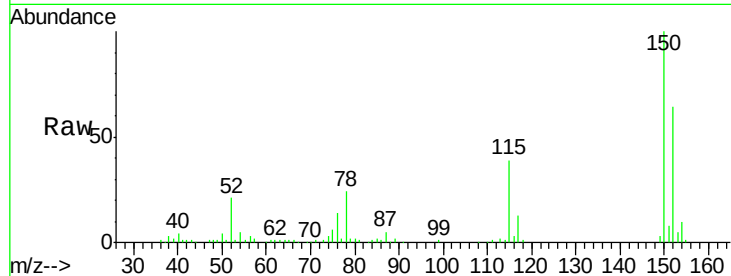
Tgt Ion:152 Resp: 59523

Ion Ratio Lower Upper

152 100

150 156.8 122.0 183.0

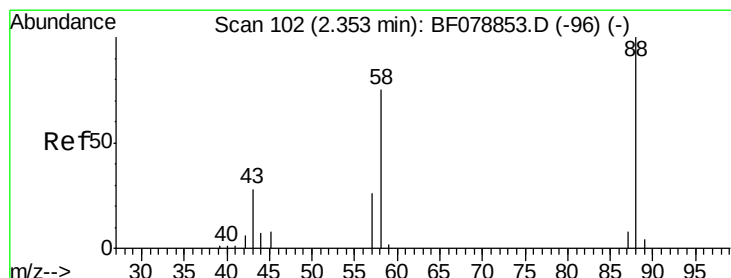
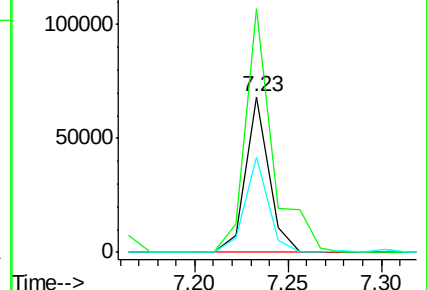
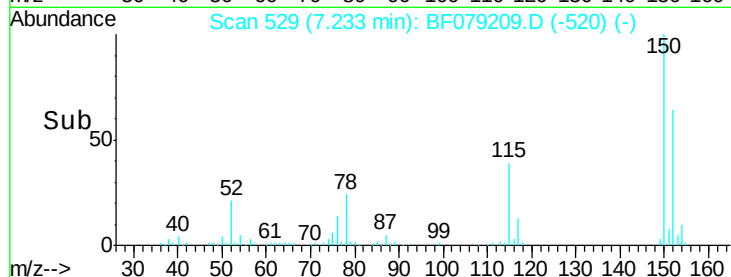
115 60.9 46.3 69.5



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: 30.08 ng

RT: 2.16 min Scan# 85

Delta R.T. 0.02 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

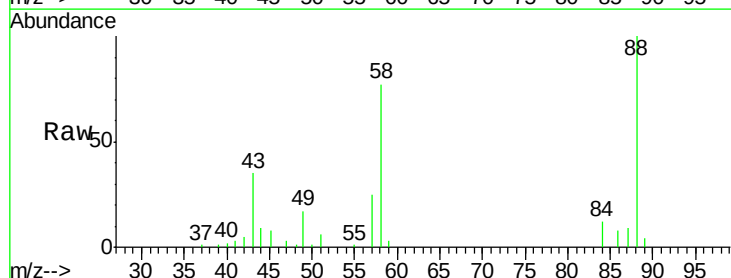
Tgt Ion: 88 Resp: 45223

Ion Ratio Lower Upper

88 100

58 80.0 0.0 0.0#

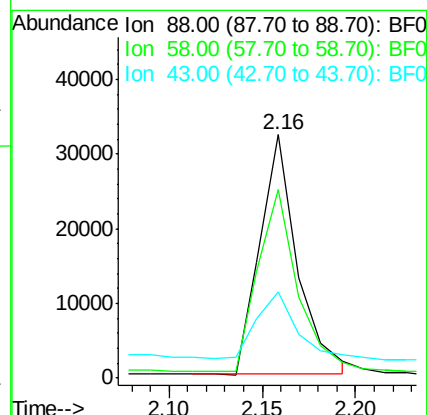
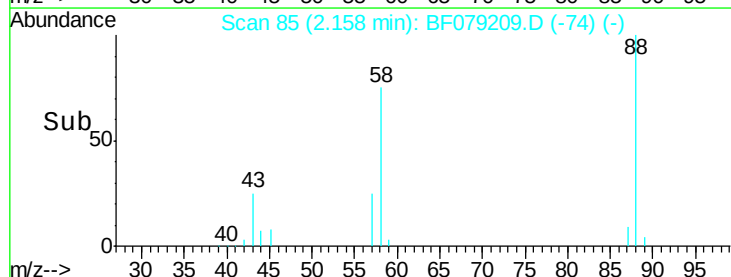
43 28.7 3.3 4.9#

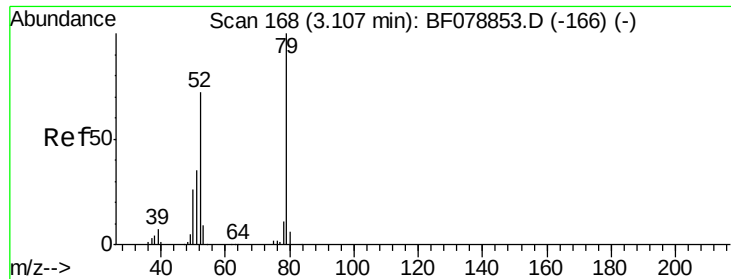


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.20 ng

RT: 2.88 min Scan# 148

Delta R.T. 0.01 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

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SB-41DMSD

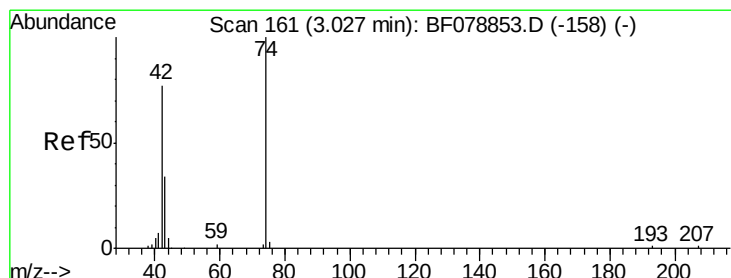
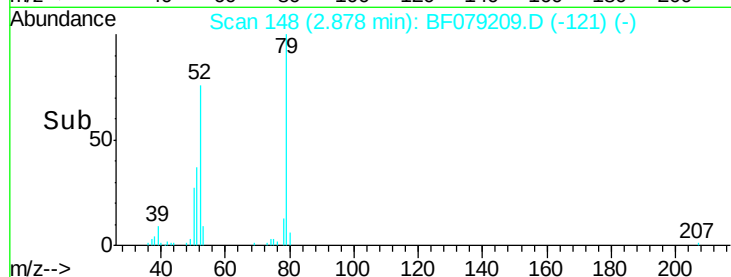
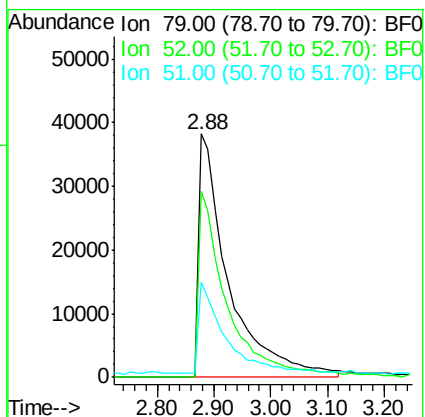
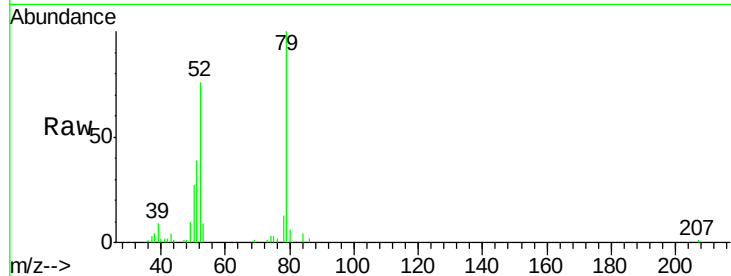
Tgt Ion: 79 Resp: 137259

Ion Ratio Lower Upper

79 100

52 76.4 57.2 85.8

51 39.3 28.9 43.3



#4

n-Nitrosodimethylamine

Concen: 25.01 ng

RT: 2.80 min Scan# 141

Delta R.T. 0.02 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

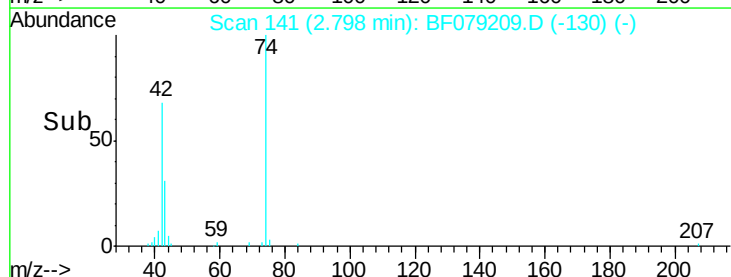
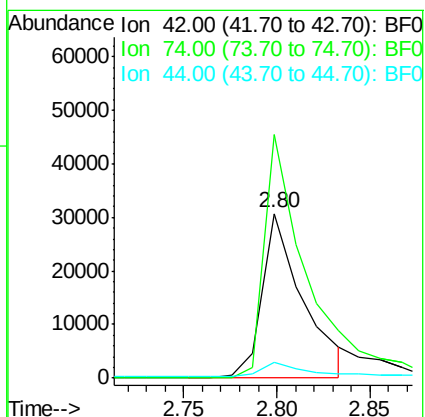
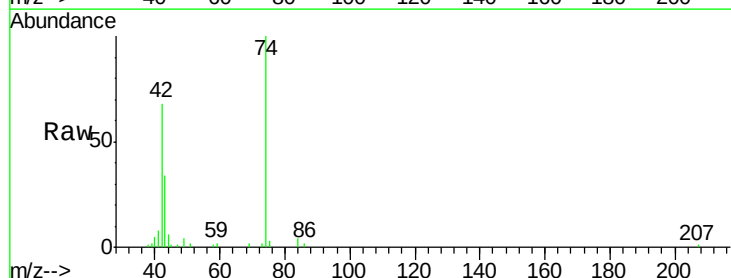
Tgt Ion: 42 Resp: 47144

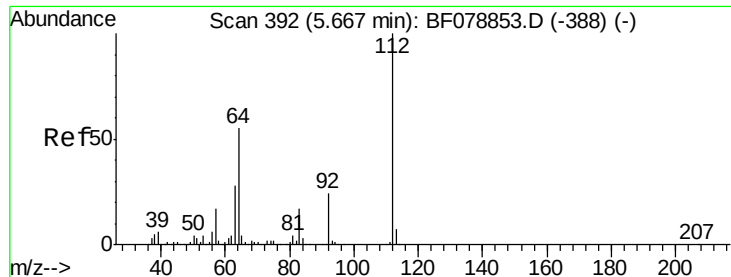
Ion Ratio Lower Upper

42 100

74 147.7 96.5 144.7#

44 9.3 6.1 9.1#





#5

2-Fluorophenol

Concen: 114.11 ng

RT: 5.53 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

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ClientSampleId :

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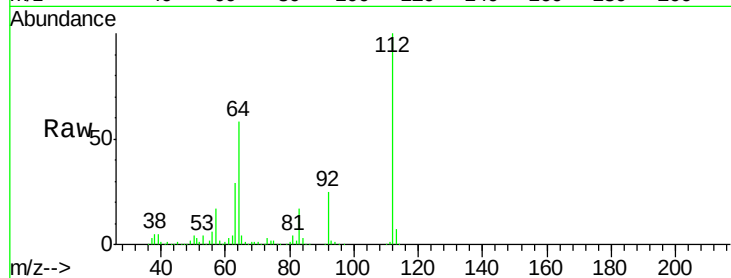
Tgt Ion:112 Resp: 394579

Ion Ratio Lower Upper

112 100

64 57.9 53.5 80.3

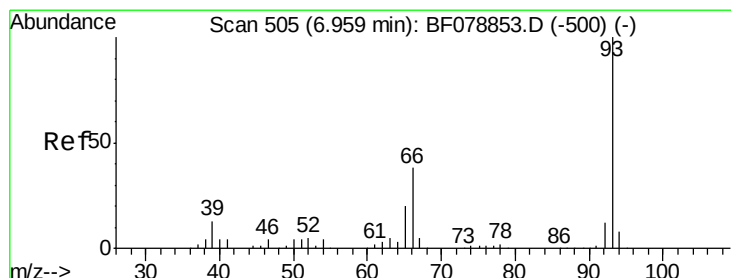
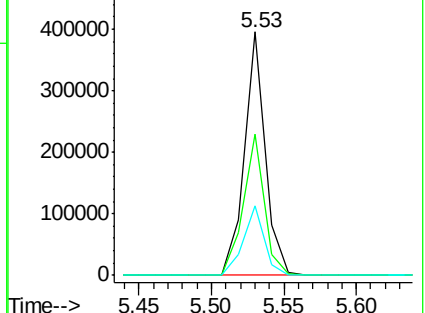
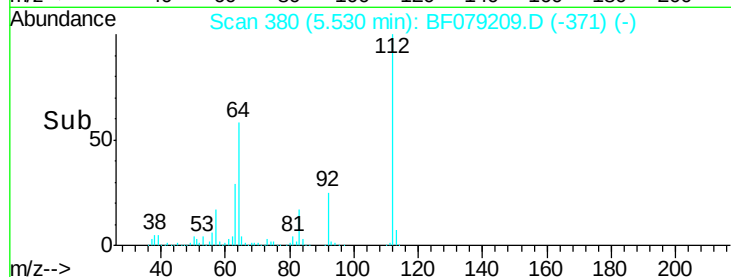
63 28.5 27.5 41.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.20 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

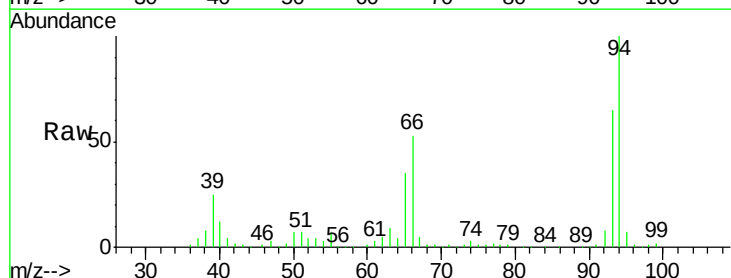
Tgt Ion: 93 Resp: 149653

Ion Ratio Lower Upper

93 100

66 81.3 29.7 44.5#

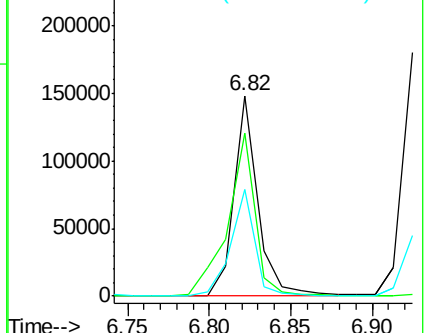
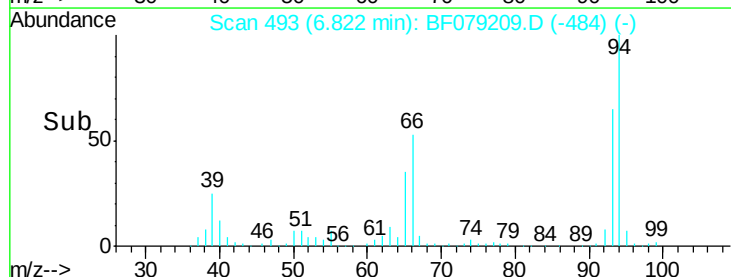
65 53.4 14.6 22.0#

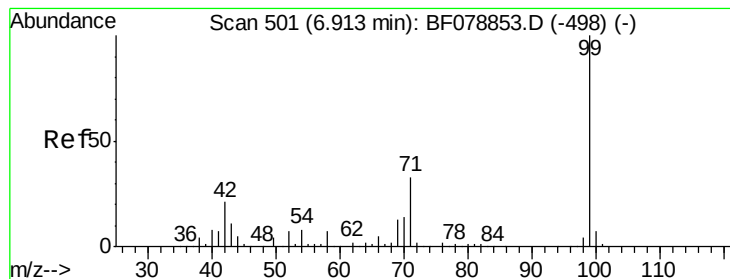


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 119.31 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079209.D

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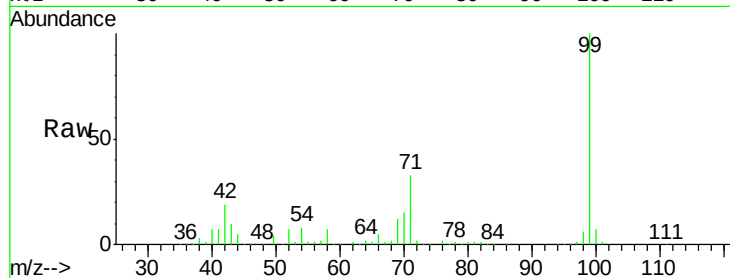
Tgt Ion: 99 Resp: 545353

Ion Ratio Lower Upper

99 100

42 19.5 12.8 19.2#

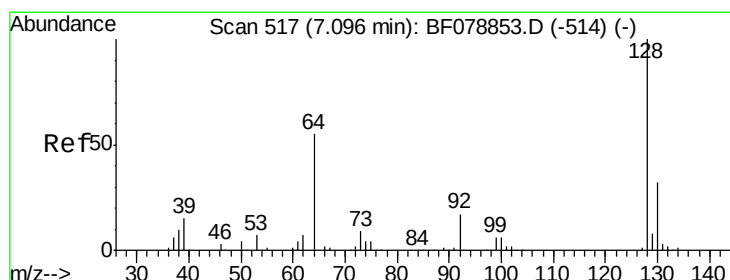
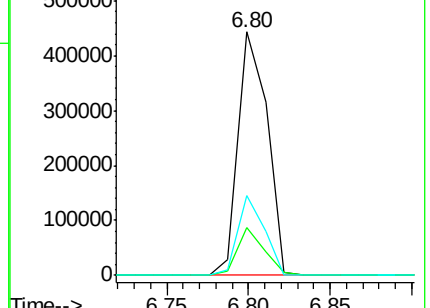
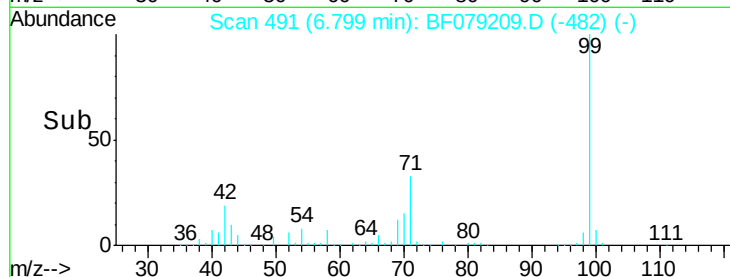
71 32.6 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.28 ng

RT: 6.97 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF079209.D

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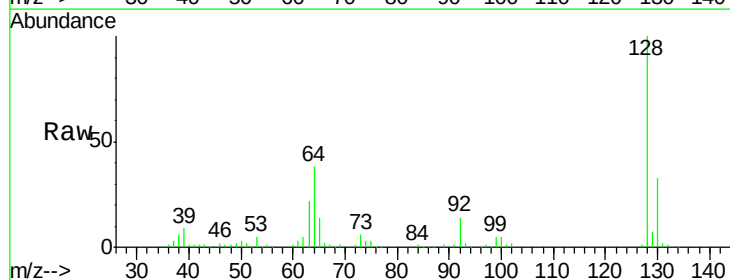
Tgt Ion: 128 Resp: 150118

Ion Ratio Lower Upper

128 100

130 33.5 12.1 52.1

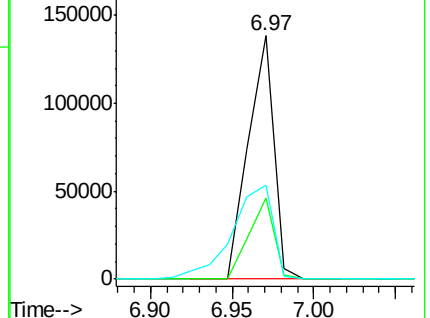
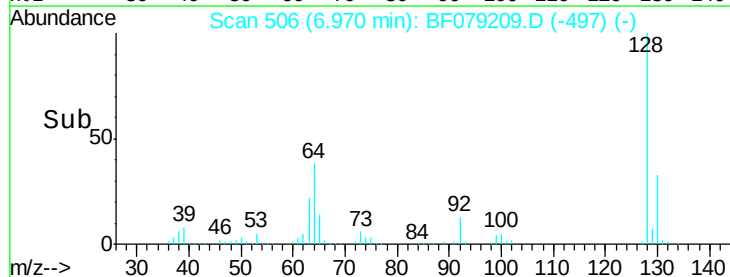
64 38.5 29.6 69.6

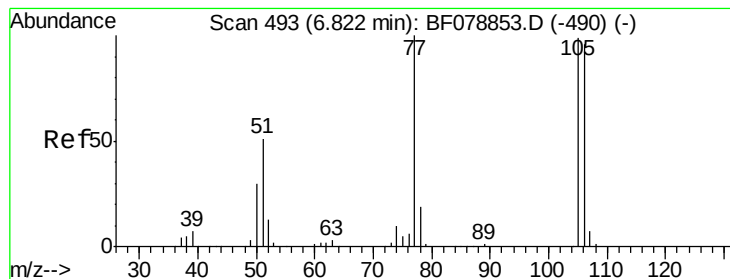


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.64 ng

RT: 6.68 min Scan# 481

Delta R.T. 0.00 min

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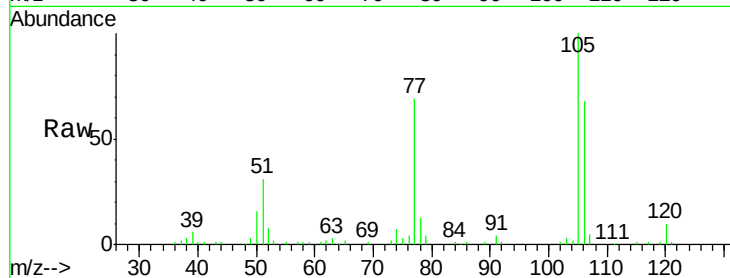
Tgt Ion: 77 Resp: 66629

Ion Ratio Lower Upper

77 100

105 144.8 81.7 121.7#

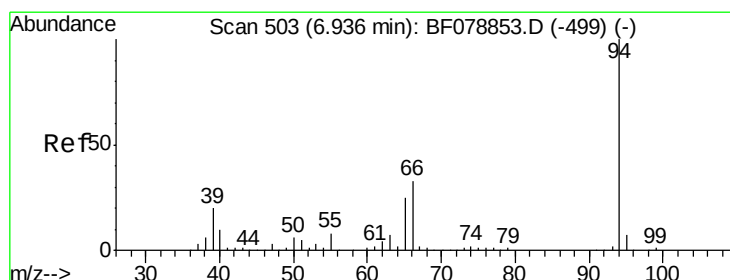
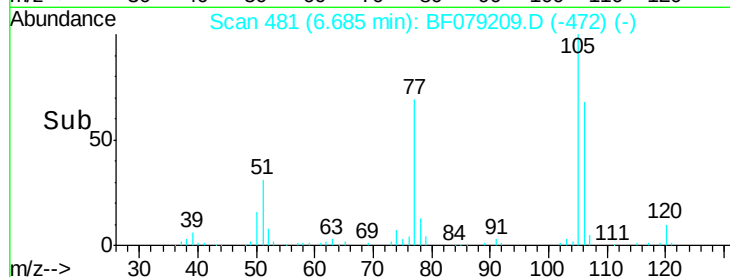
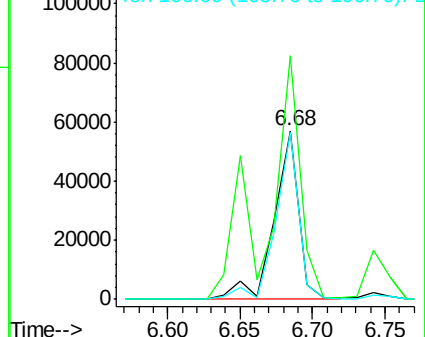
106 98.9 79.0 119.0



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 38.11 ng

RT: 6.82 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

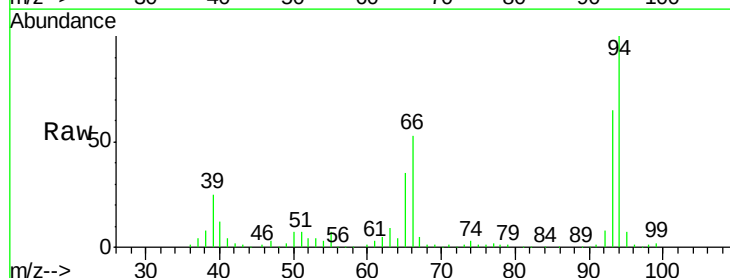
Tgt Ion: 94 Resp: 202064

Ion Ratio Lower Upper

94 100

65 34.7 8.5 48.5

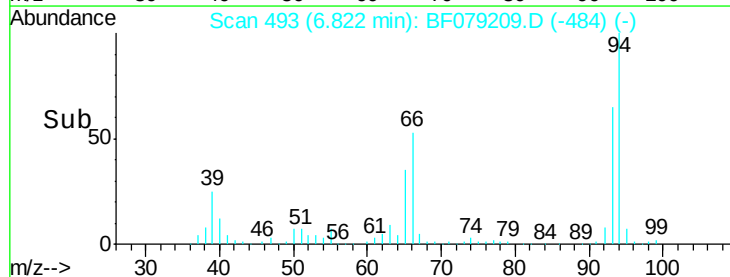
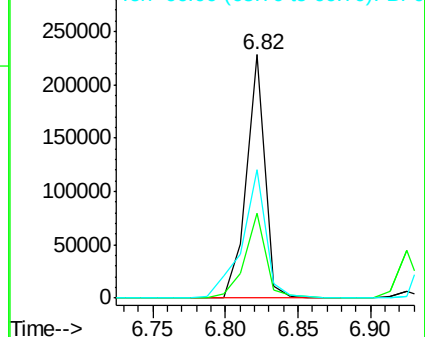
66 52.8 16.0 56.0

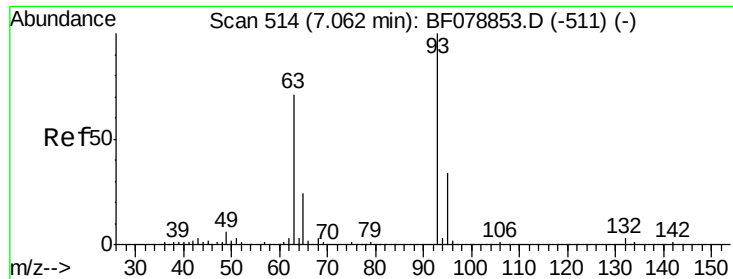


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

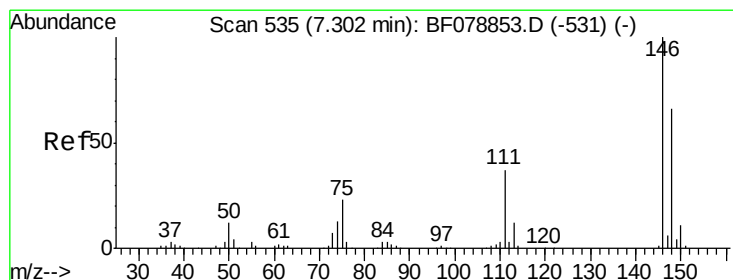
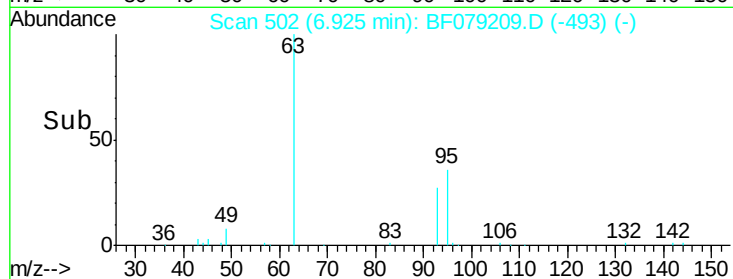
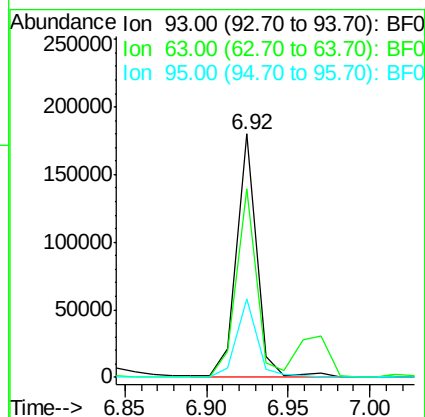
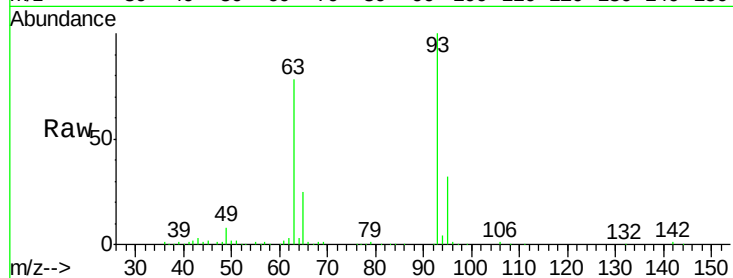




#11
bis(2-Chloroethyl)ether
Concen: 38.85 ng
RT: 6.92 min Scan# 502
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

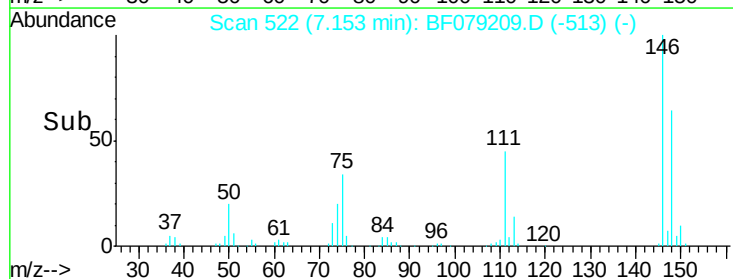
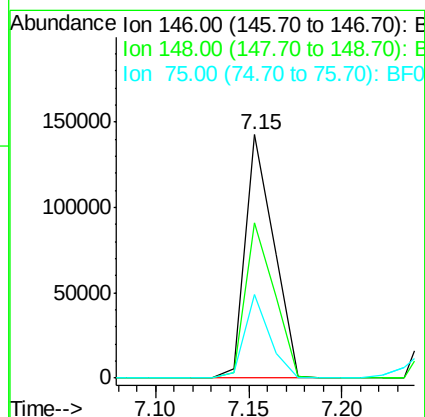
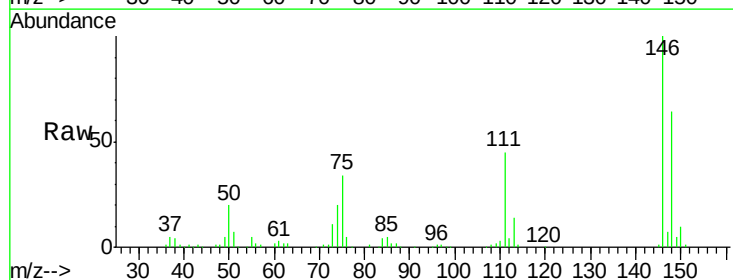
Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

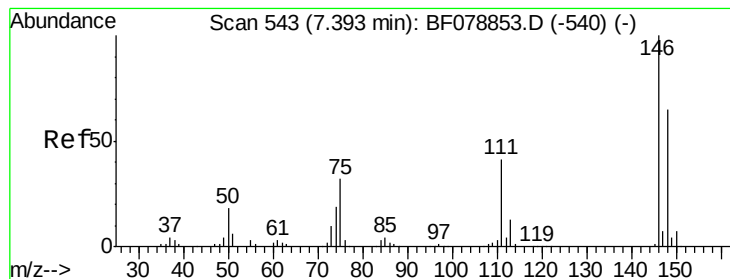
Tgt Ion: 93 Resp: 151010
Ion Ratio Lower Upper
93 100
63 77.5 64.8 104.8
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 34.47 ng
RT: 7.15 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion: 146 Resp: 151931
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
75 34.1 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 34.62 ng

RT: 7.26 min Scan# 531

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

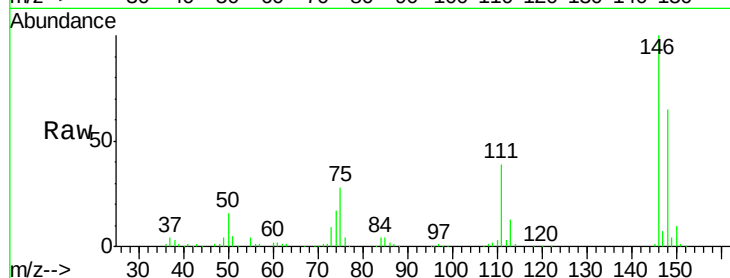
Tgt Ion:146 Resp: 157067

Ion Ratio Lower Upper

146 100

148 65.4 52.8 79.2

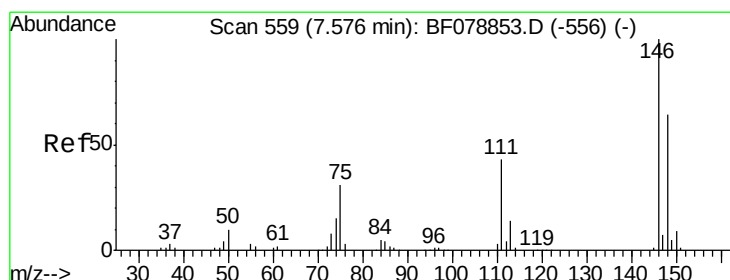
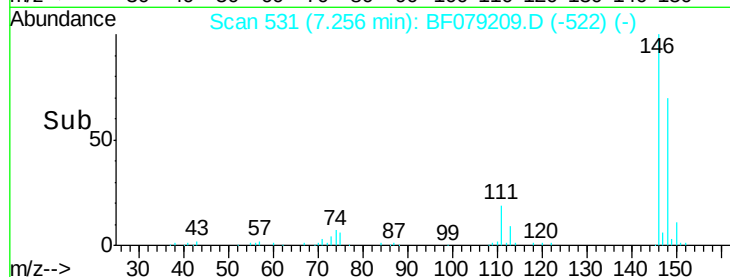
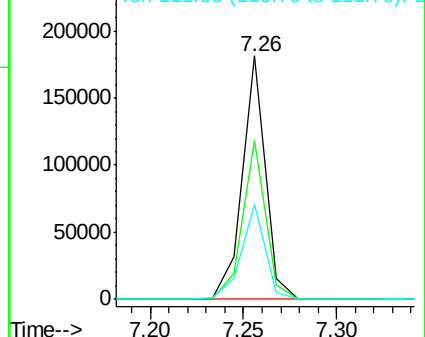
111 39.2 31.7 47.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 34.50 ng

RT: 7.44 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

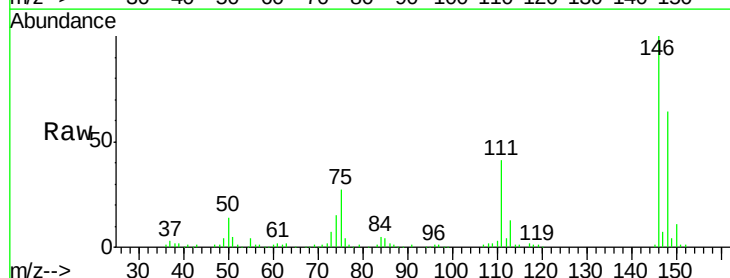
Tgt Ion:146 Resp: 145715

Ion Ratio Lower Upper

146 100

148 63.8 51.2 76.8

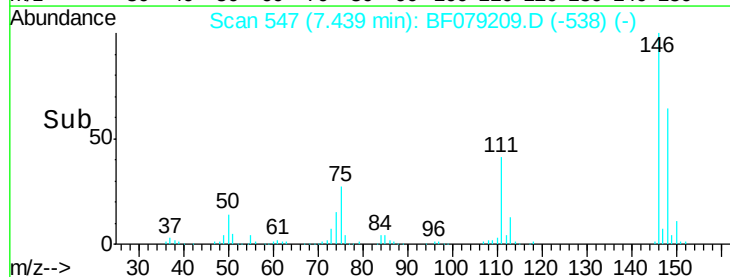
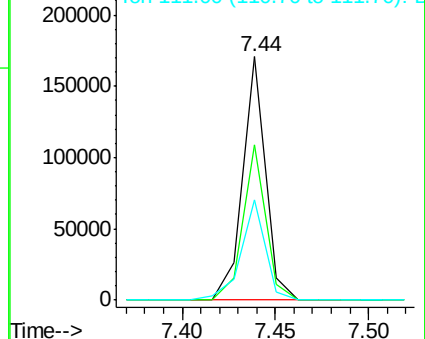
111 41.3 33.3 49.9

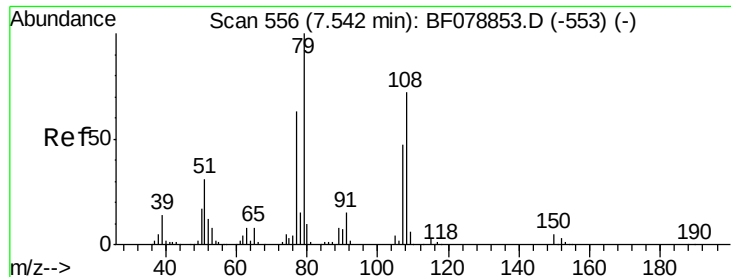


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 35.76 ng

RT: 7.42 min Scan# 545

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

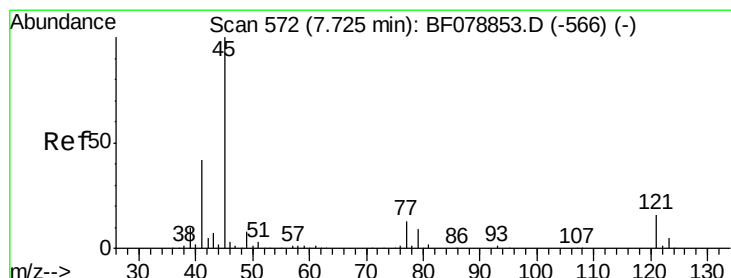
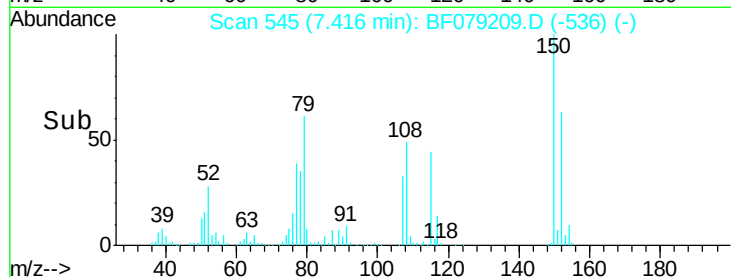
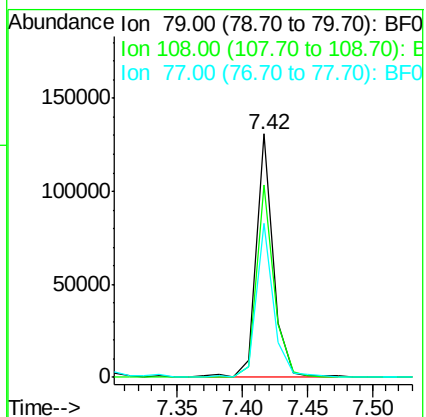
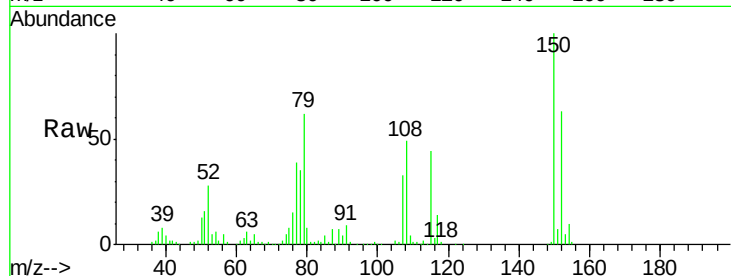
Tgt Ion: 79 Resp: 121329

Ion Ratio Lower Upper

79 100

108 78.8 62.5 93.7

77 63.0 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.52 ng

RT: 7.60 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

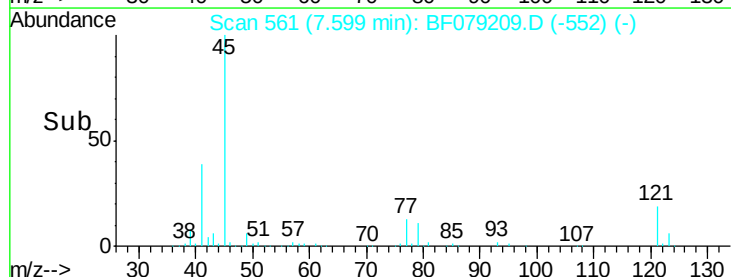
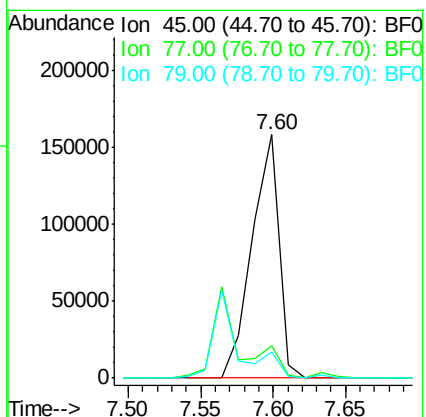
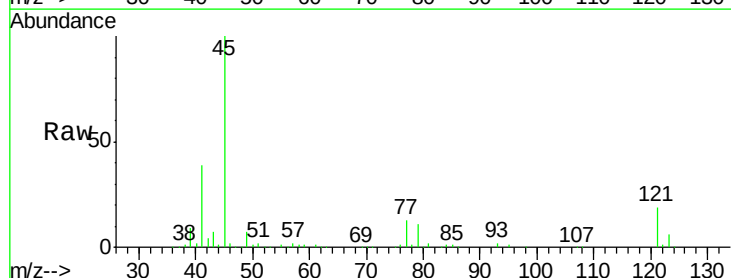
Tgt Ion: 45 Resp: 205264

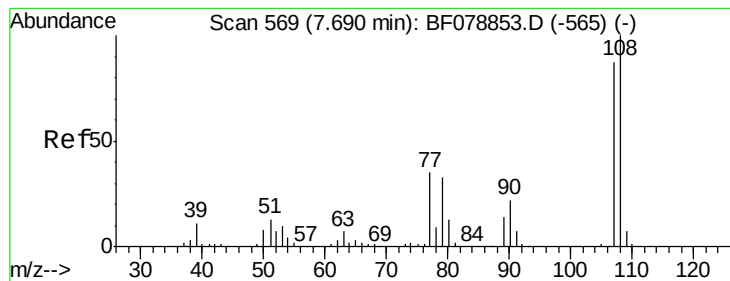
Ion Ratio Lower Upper

45 100

77 13.4 0.0 32.3

79 10.9 0.0 30.1





#17

2-Methylphenol

Concen: 36.53 ng

RT: 7.56 min Scan# 558

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

Tgt Ion:107 Resp: 115299

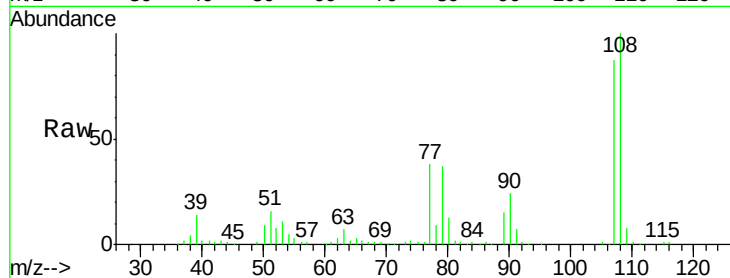
Ion Ratio Lower Upper

107 100

108 115.6 94.9 142.3

77 44.5 36.2 54.4

79 43.1 35.2 52.8

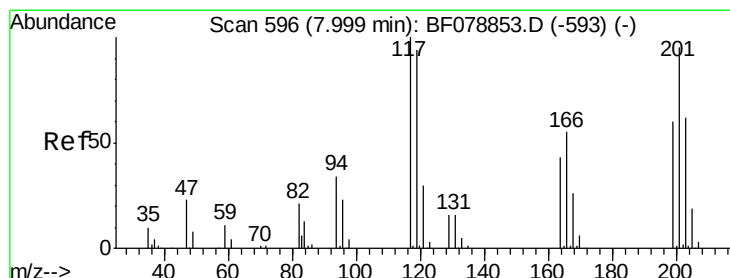
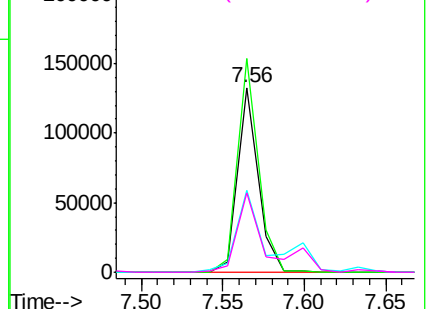
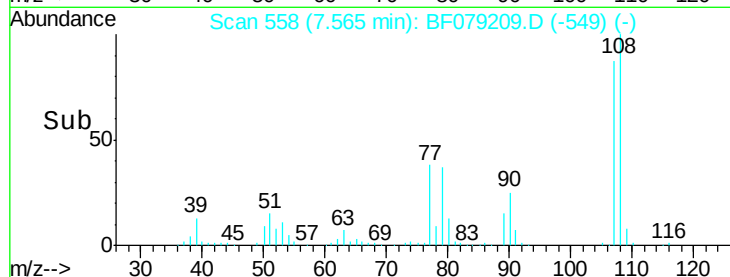


Abundance Ion 107.00 (106.70 to 107.70): E

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: 30.19 ng

RT: 7.85 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

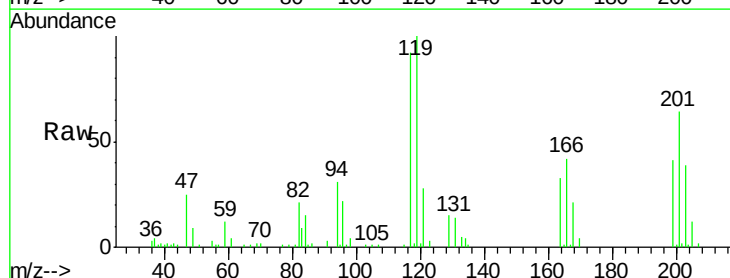
Tgt Ion:117 Resp: 47173

Ion Ratio Lower Upper

117 100

119 108.6 75.4 113.0

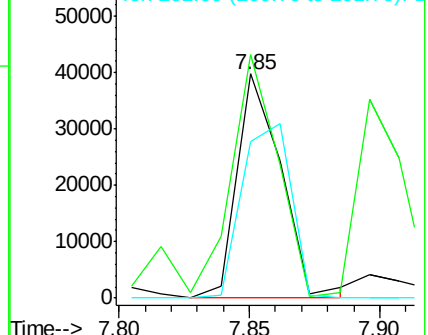
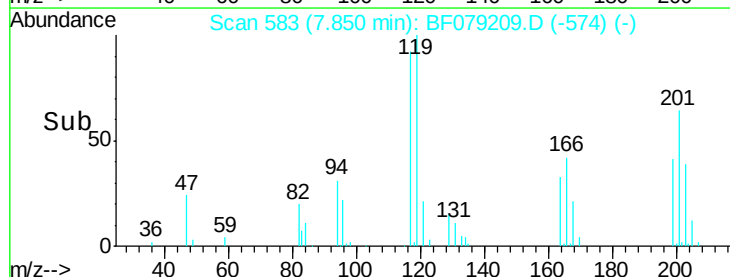
201 69.6 83.2 124.8#

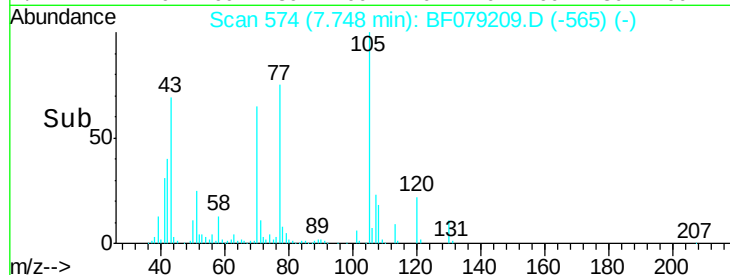
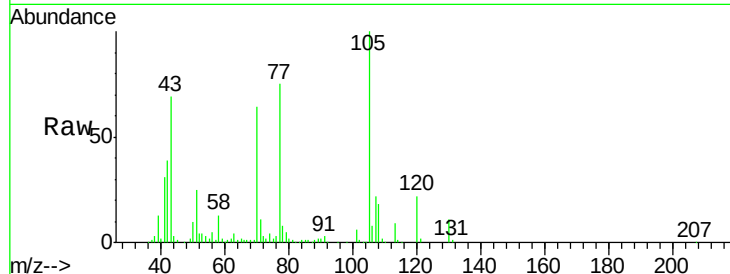
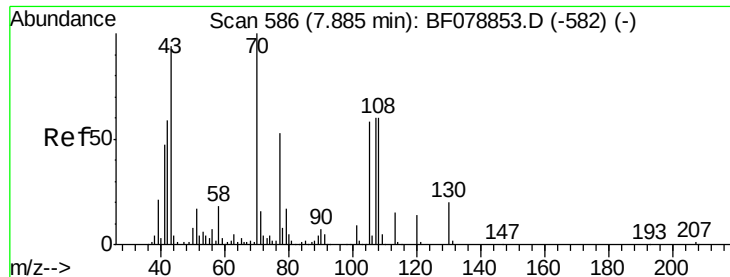


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

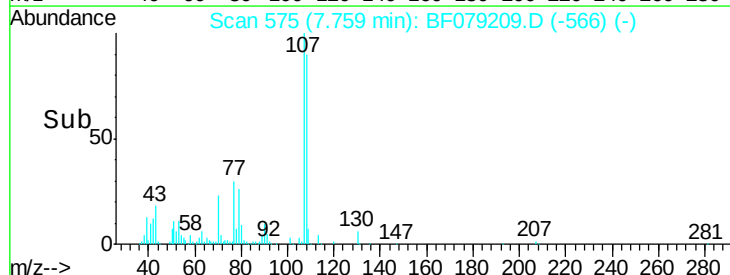
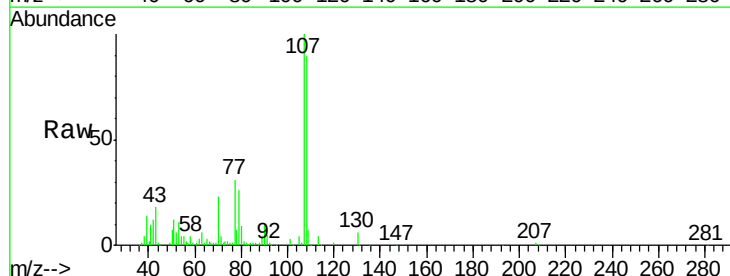
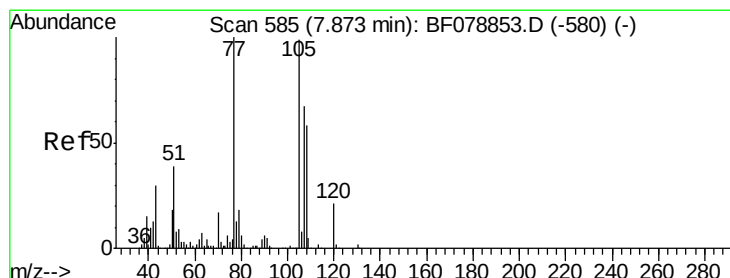
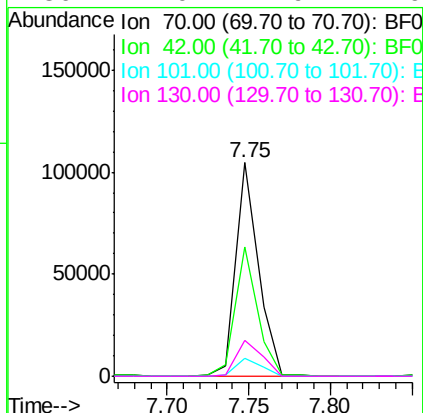




#19
n-Nitroso-di-n-propylamine
Concen: 32.29 ng
RT: 7.75 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

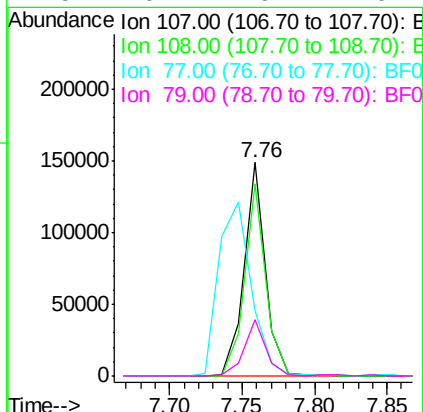
Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

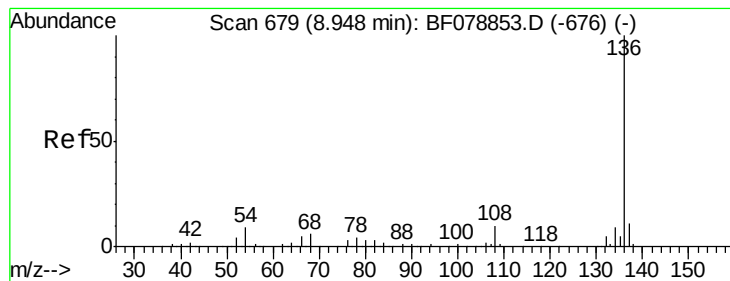
Tgt Ion: 70 Resp: 99683
Ion Ratio Lower Upper
70 100
42 60.6 55.4 83.0
101 8.6 6.6 10.0
130 17.0 11.9 17.9



#20
3+4-Methylphenols
Concen: 36.17 ng
RT: 7.76 min Scan# 575
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion: 107 Resp: 152095
Ion Ratio Lower Upper
107 100
108 90.2 76.9 116.9
77 30.7 136.8 176.8#
79 26.4 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

Tgt Ion:136 Resp: 228995

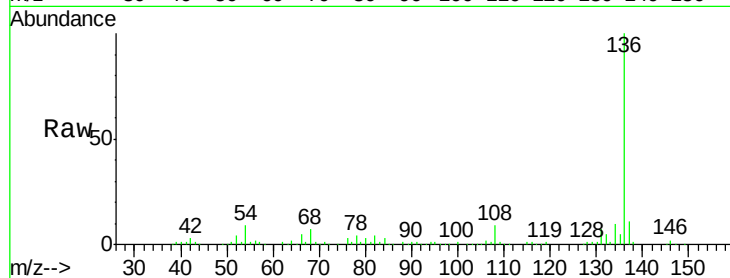
Ion Ratio Lower Upper

136 100

137 11.2 8.7 13.1

54 8.6 5.8 8.8

68 6.5 4.2 6.4#

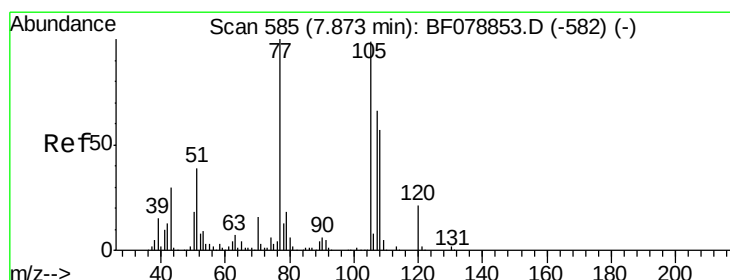
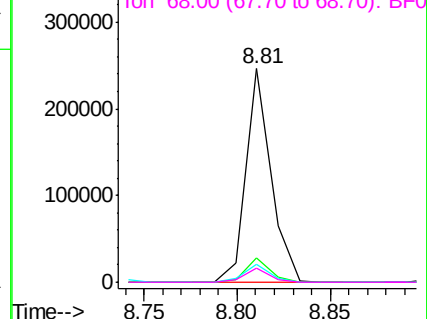
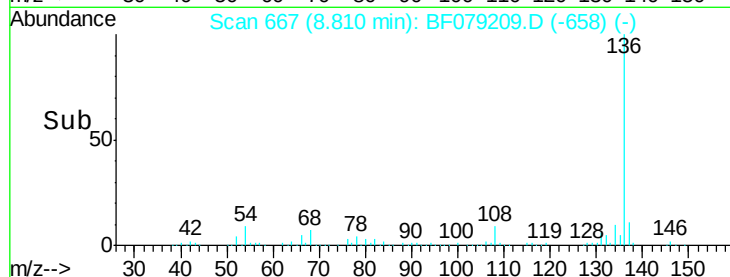


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.81 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Tgt Ion:105 Resp: 200808

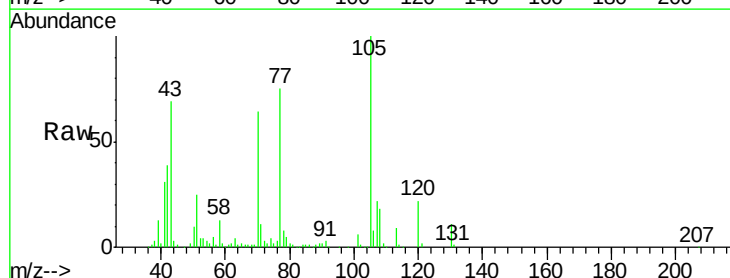
Ion Ratio Lower Upper

105 100

71 11.0 4.6 6.8#

51 24.9 26.7 40.1#

120 22.2 17.4 26.0

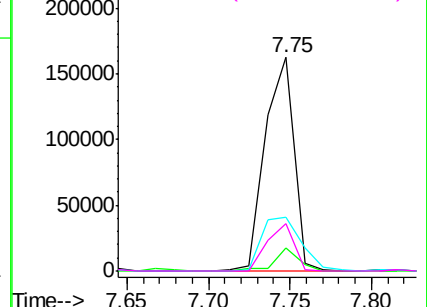
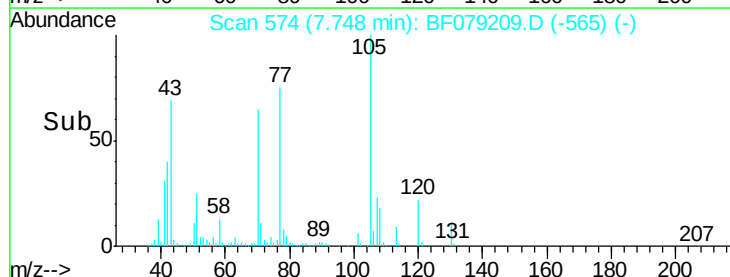


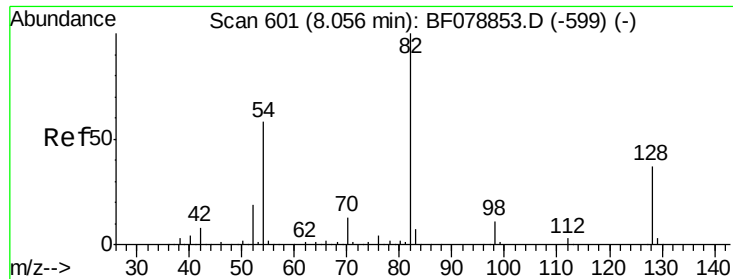
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

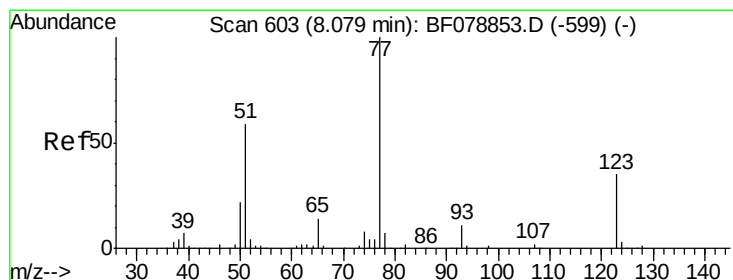
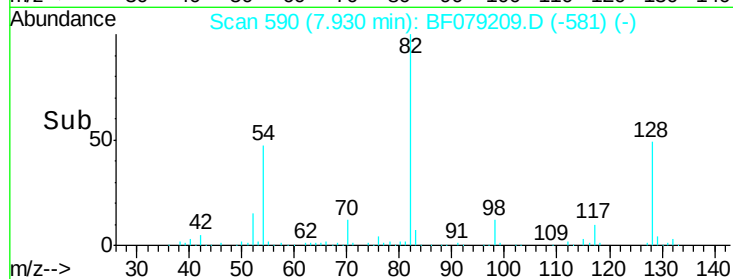
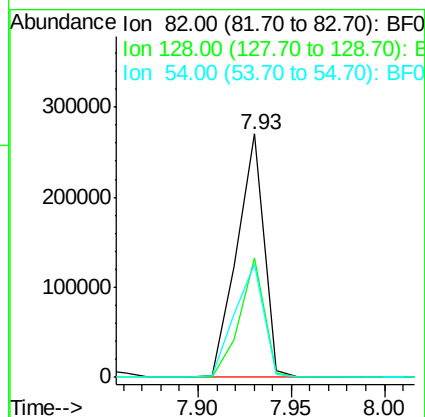
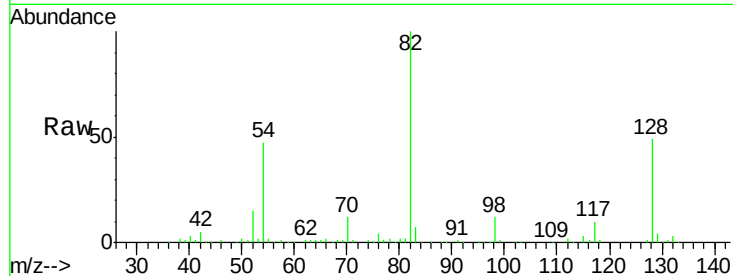




#23
 Nitrobenzene-d5
 Concen: 69.28 ng
 RT: 7.93 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

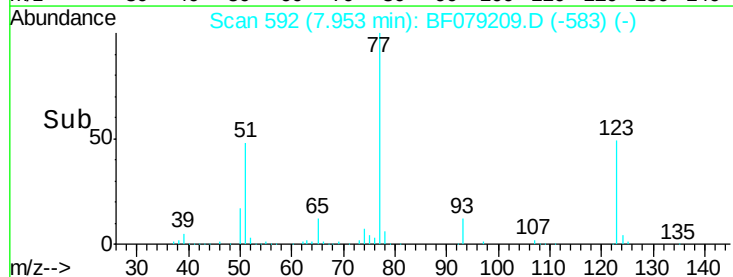
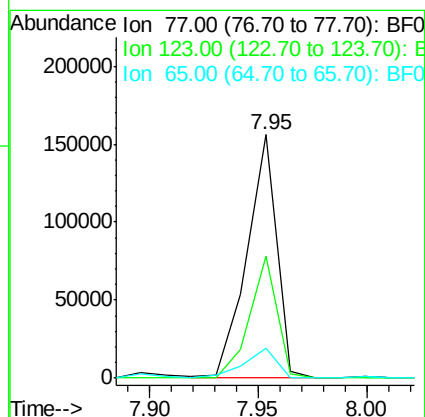
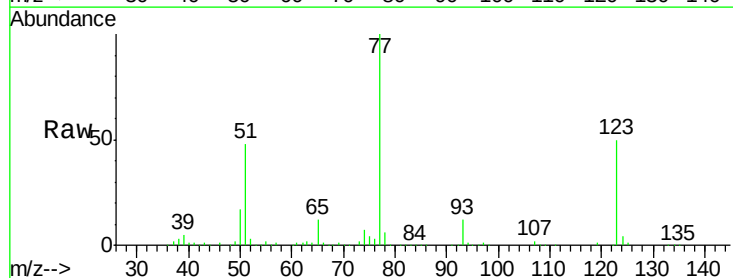
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

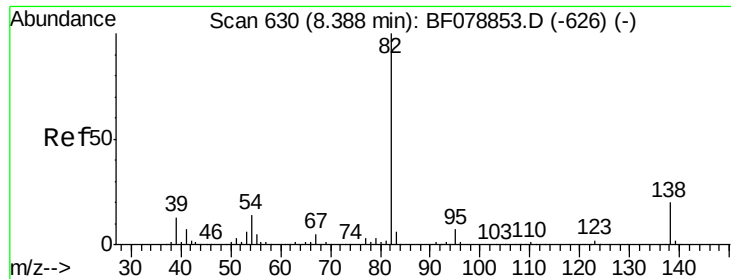
Tgt Ion: 82 Resp: 276051
 Ion Ratio Lower Upper
 82 100
 128 49.0 30.0 45.0#
 54 46.7 46.4 69.6



#24
 Nitrobenzene
 Concen: 37.11 ng
 RT: 7.95 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion: 77 Resp: 146559
 Ion Ratio Lower Upper
 77 100
 123 50.0 31.8 47.8#
 65 12.2 10.6 15.8





#25

Isophorone

Concen: 36.41 ng

RT: 8.25 min Scan# 618

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

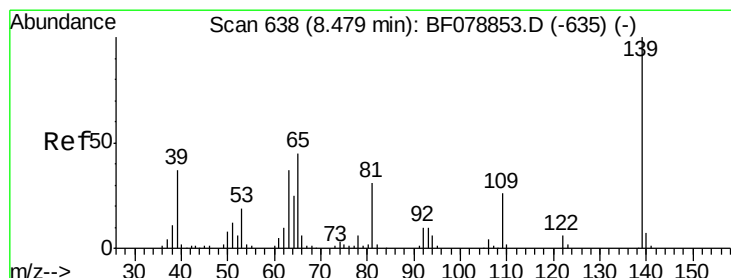
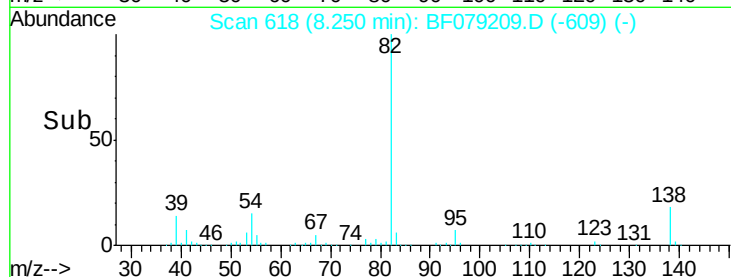
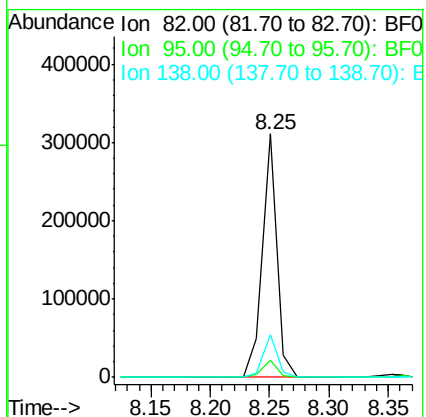
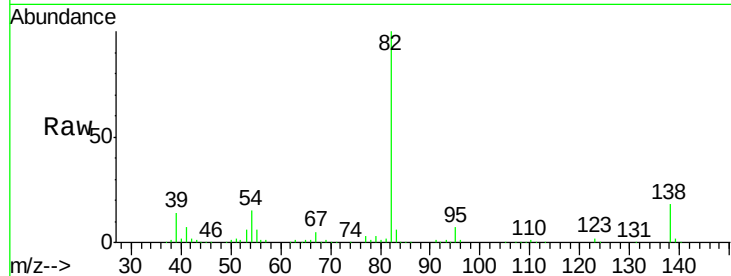
Tgt Ion: 82 Resp: 268931

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 17.6 12.0 18.0



#26

2-Nitrophenol

Concen: 41.39 ng

RT: 8.34 min Scan# 626

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

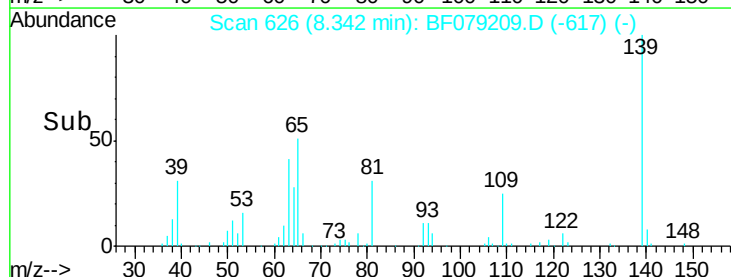
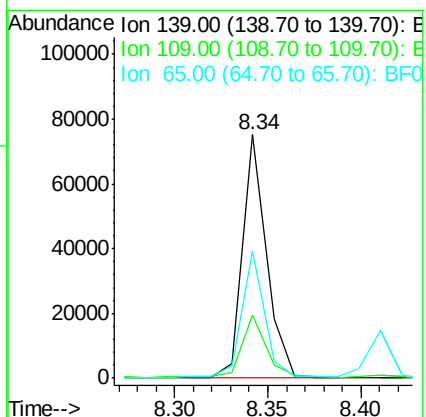
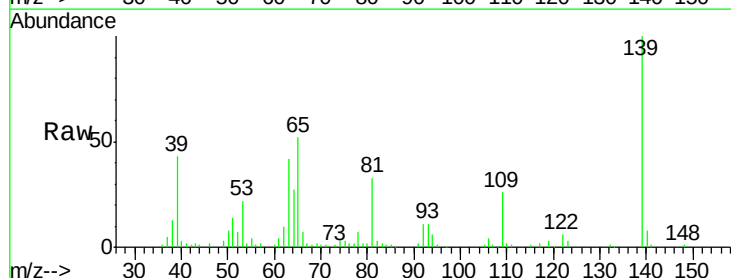
Tgt Ion: 139 Resp: 67656

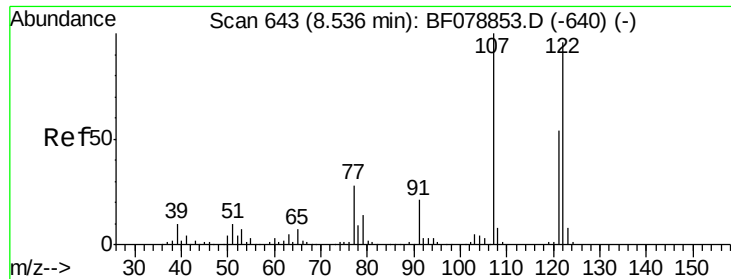
Ion Ratio Lower Upper

139 100

109 25.8 21.0 31.4

65 52.0 30.5 45.7#

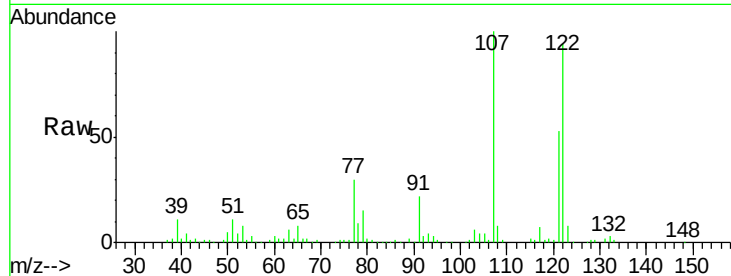




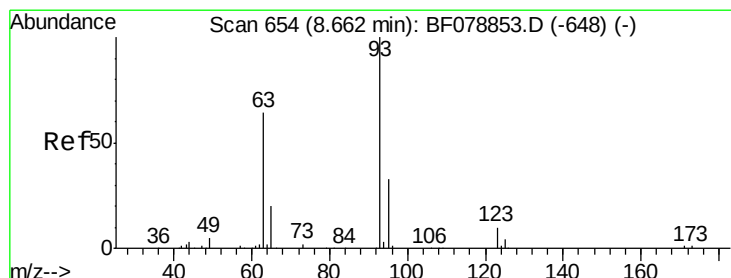
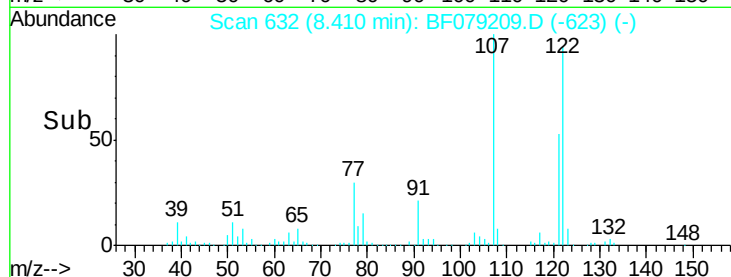
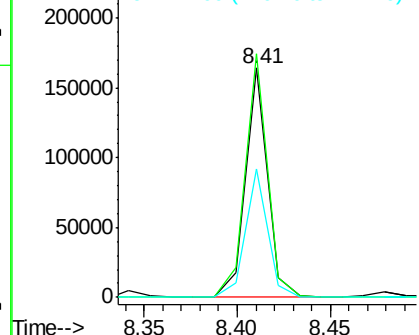
#27
 2,4-Dimethylphenol
 Concen: 41.43 ng
 RT: 8.41 min Scan# 632
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion: 122 Resp: 135514
 Ion Ratio Lower Upper
 122 100
 107 106.2 90.6 135.8
 121 56.3 45.4 68.2

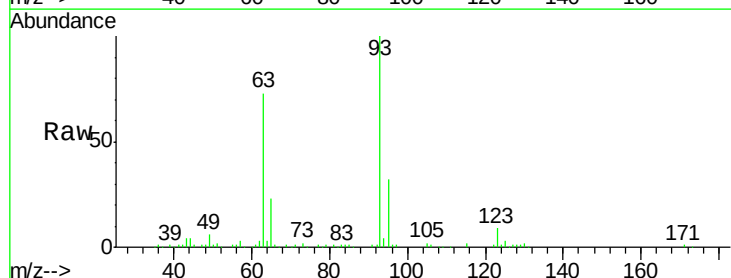


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

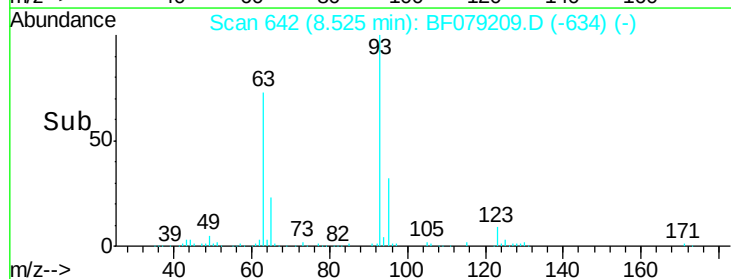
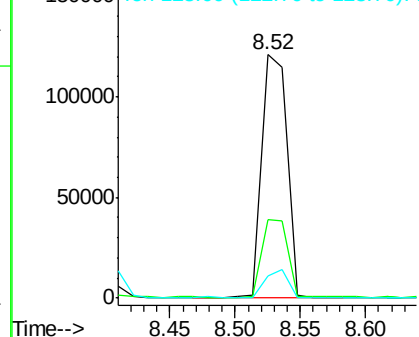


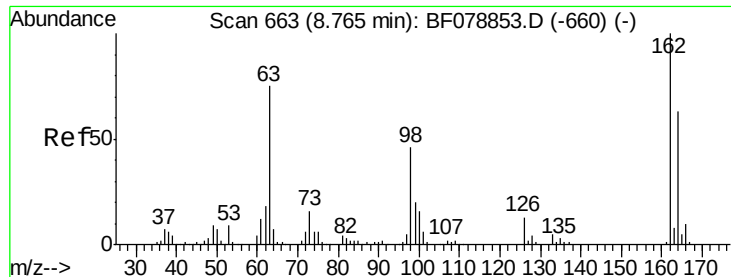
#28
 bis(2-Chloroethoxy)methane
 Concen: 36.17 ng
 RT: 8.52 min Scan# 642
 Delta R.T. -0.01 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion: 93 Resp: 164709
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.7 40.1
 123 8.9 9.1 13.7#



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 123.00 (122.70 to 123.70): E

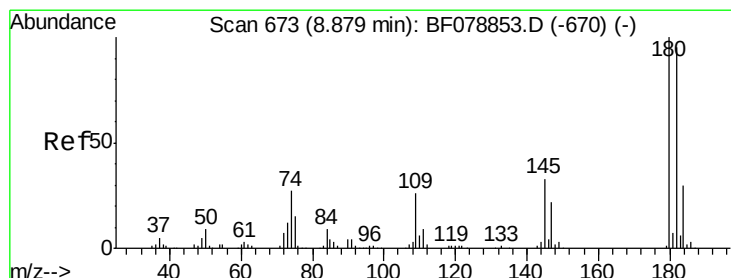
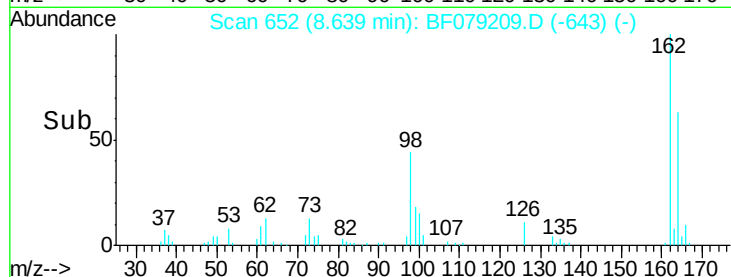
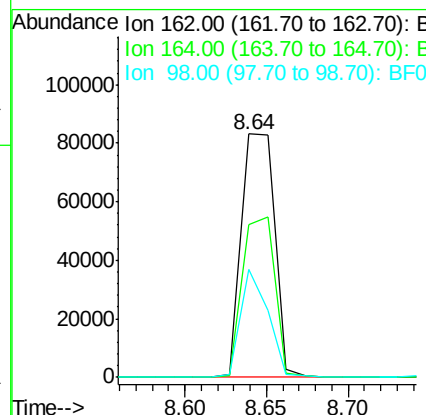
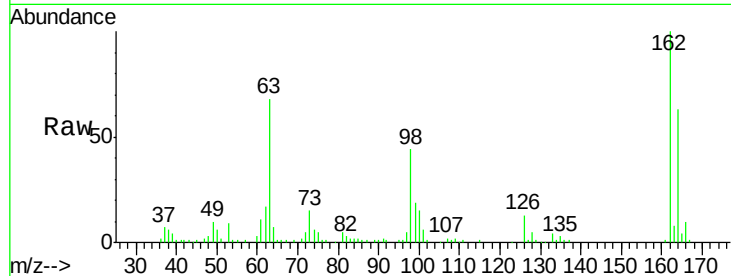




#29
 2,4-Dichlorophenol
 Concen: 40.29 ng
 RT: 8.64 min Scan# 652
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

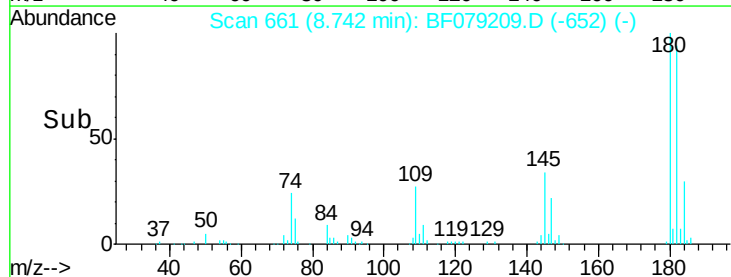
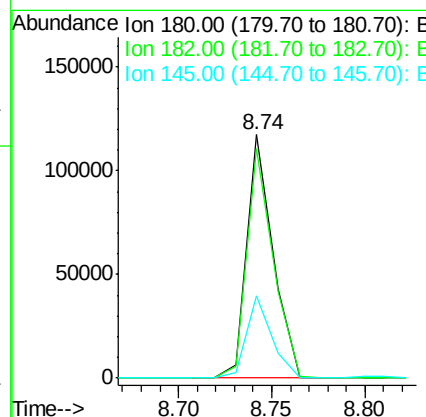
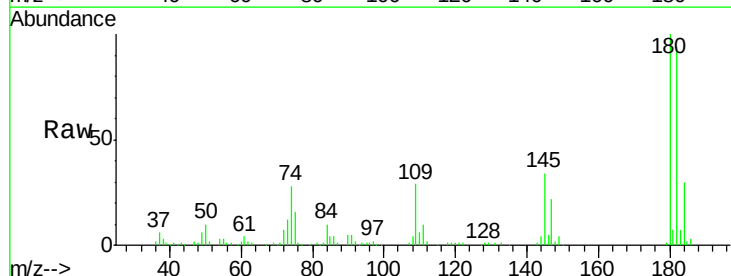
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

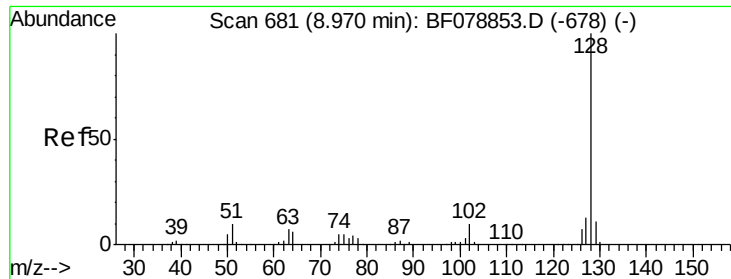
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.9	43.6	83.6
98	44.2	16.5	56.5



#30
 1,2,4-Trichlorobenzene
 Concen: 35.90 ng
 RT: 8.74 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	78.9	118.3
145	33.6	24.2	36.4

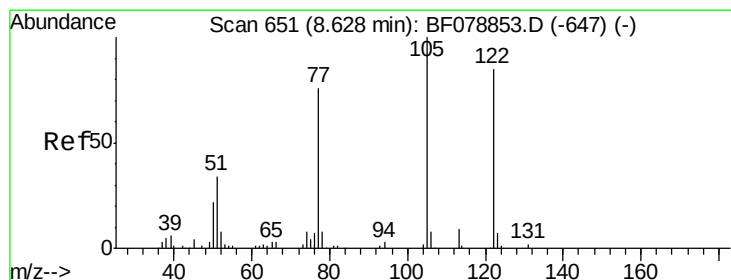
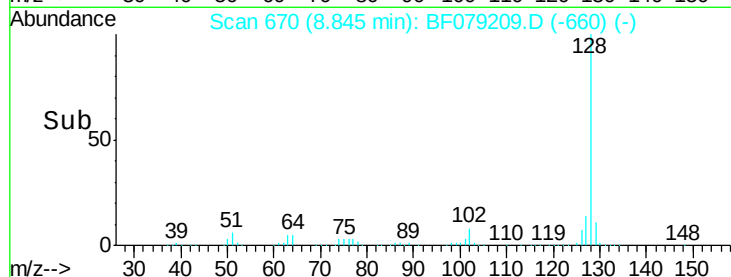
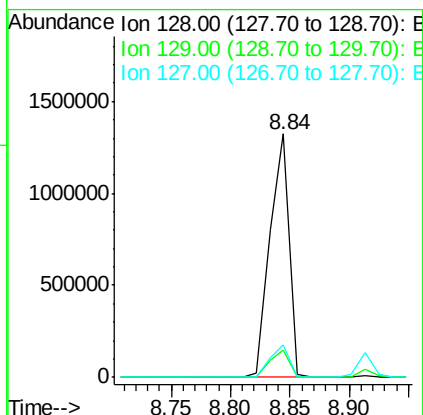
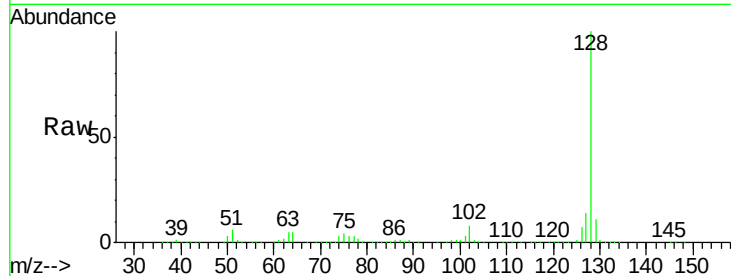




#31
Naphthalene
Concen: 136.58 ng
RT: 8.84 min Scan# 670
Delta R.T. 0.01 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

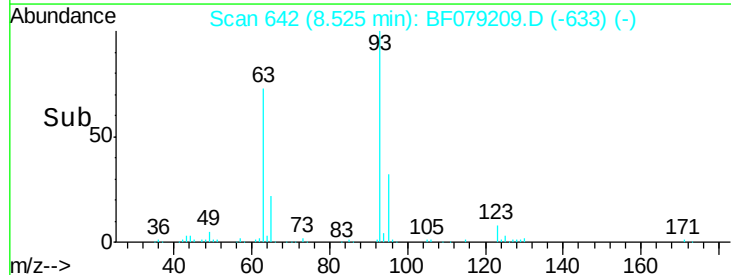
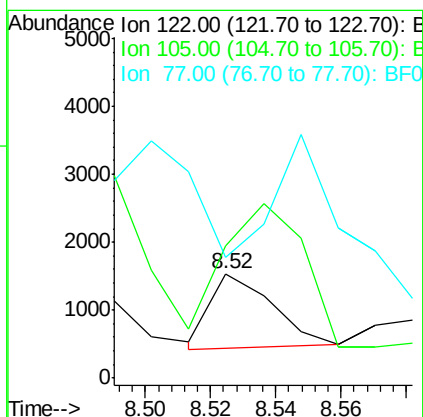
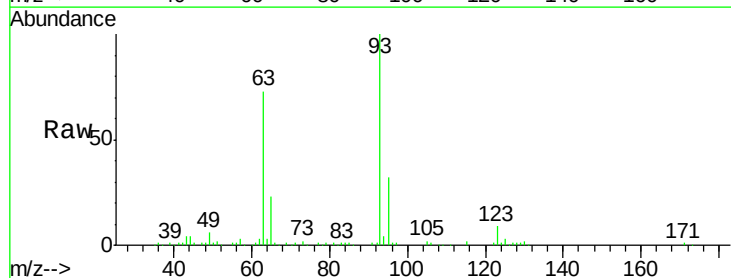
Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

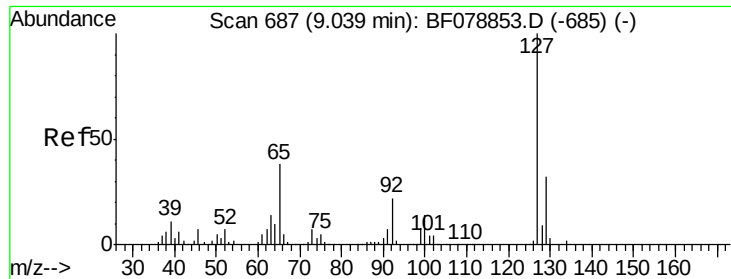
Tgt Ion:128 Resp: 1490270
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.6 10.7 16.1



#32
Benzoic acid
Concen: 6.91 ng
RT: 8.52 min Scan# 642
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion:122 Resp: 1422
Ion Ratio Lower Upper
122 100
105 126.8 107.1 147.1
77 116.2 73.9 113.9#

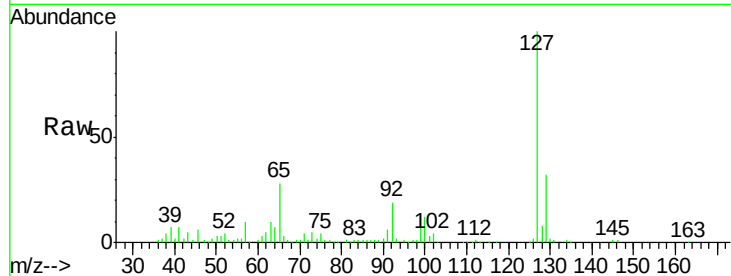




#33
4-Chloroaniline
Concen: 26.12 ng
RT: 8.91 min Scan# 676
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

Tgt Ion:	127	Resp:	120618
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.8	38.8
65	27.9	25.8	38.6
92	18.7	15.5	23.3



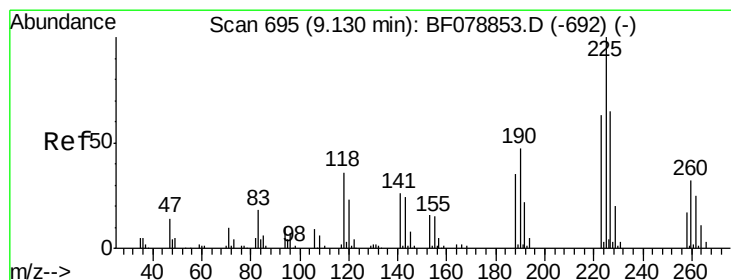
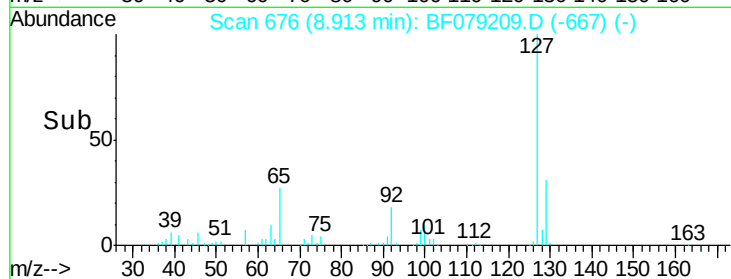
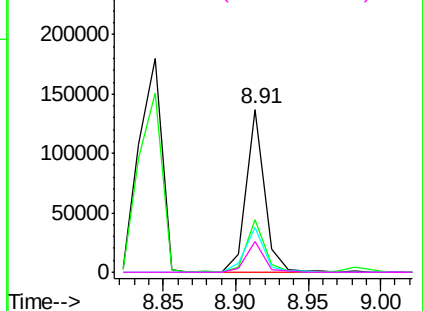
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

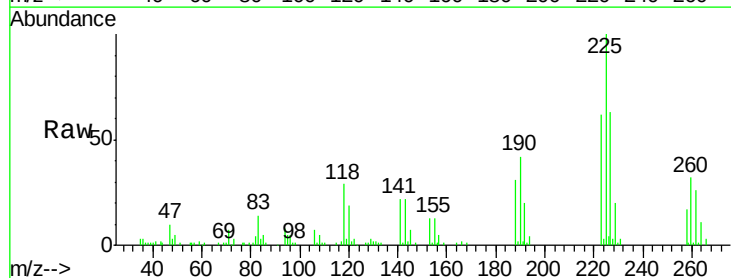
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 34.21 ng
RT: 8.99 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion:	225	Resp:	62946
Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.2	72.4
227	63.1	51.4	77.0

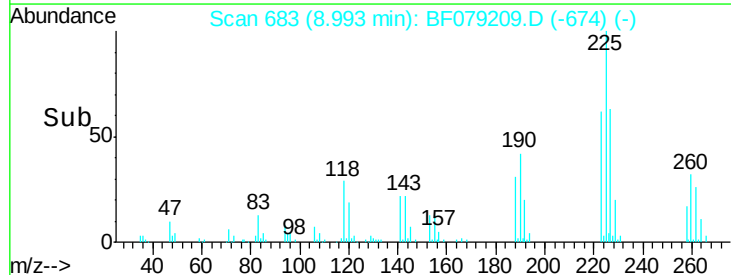
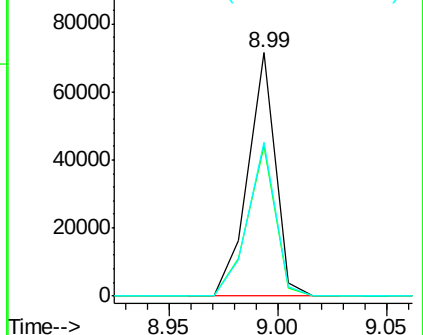


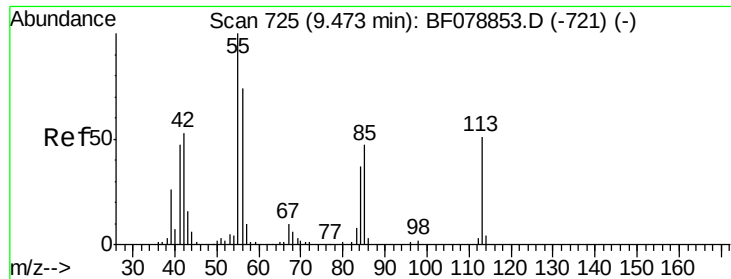
Abundance

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

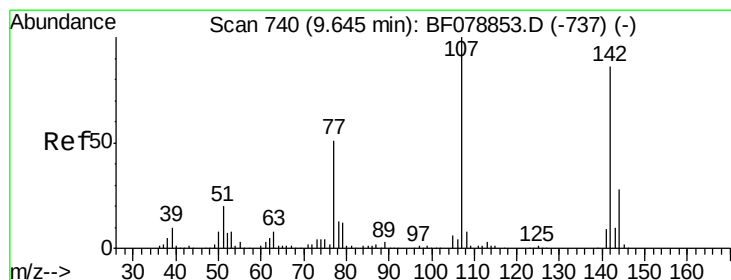
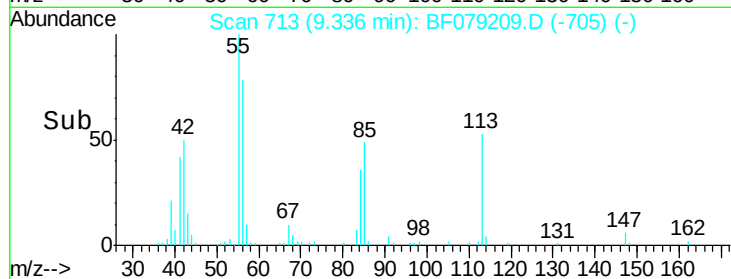
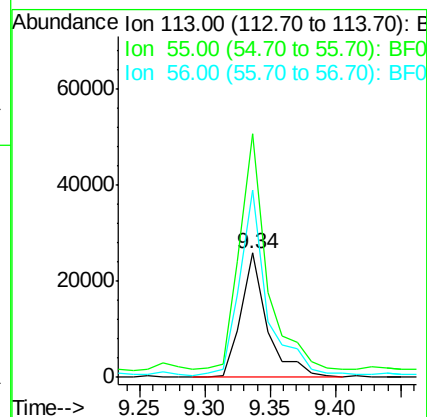
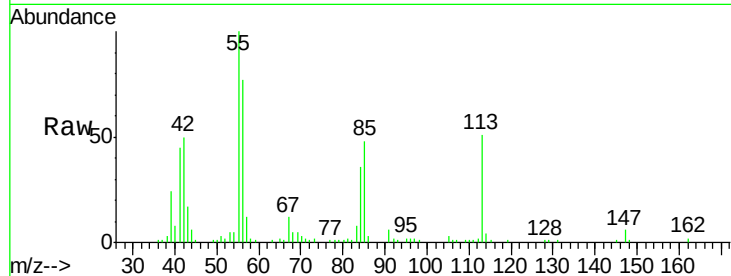




#35
 Caprolactam
 Concen: 38.73 ng
 RT: 9.34 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

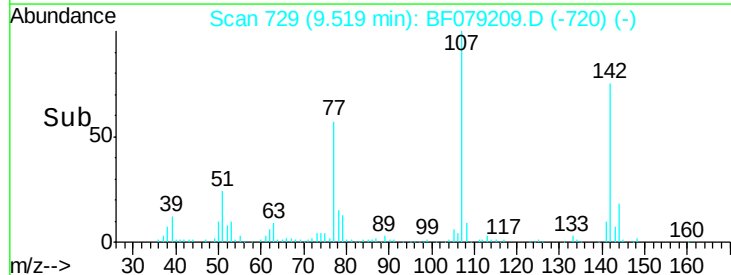
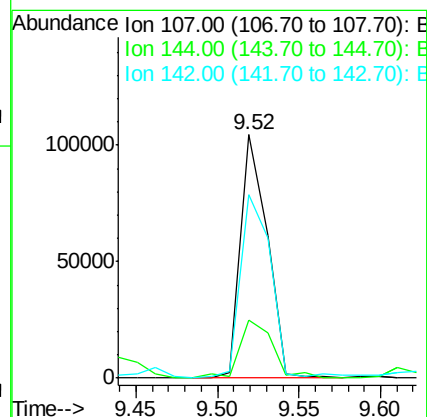
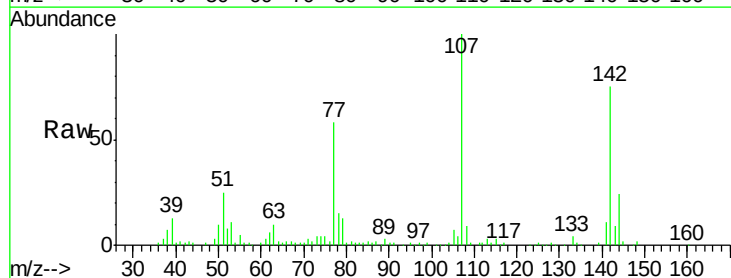
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

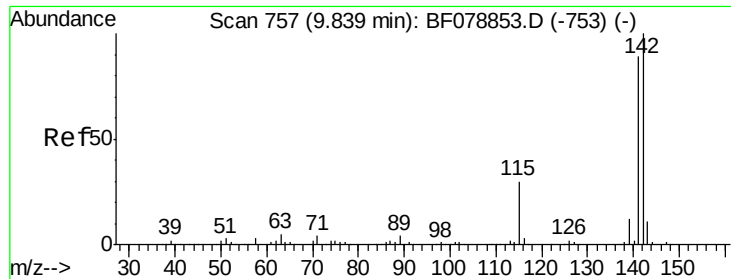
Tgt Ion:113 Resp: 36430
 Ion Ratio Lower Upper
 113 100
 55 195.8 169.7 209.7
 56 150.2 122.5 162.5



#36
 4-Chloro-3-methylphenol
 Concen: 38.57 ng
 RT: 9.52 min Scan# 729
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:107 Resp: 117834
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.8 29.6
 142 75.1 60.6 91.0

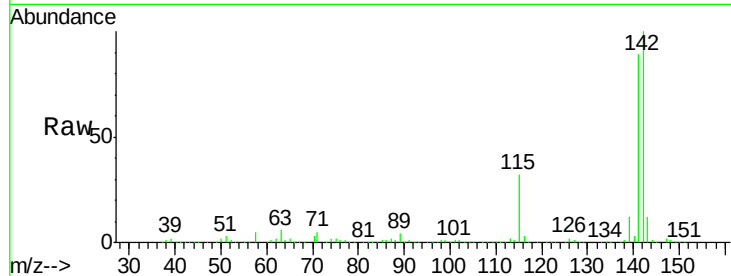




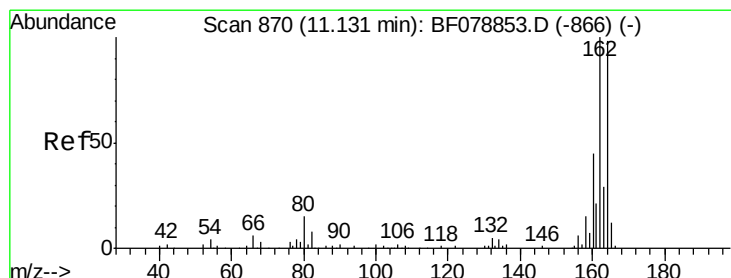
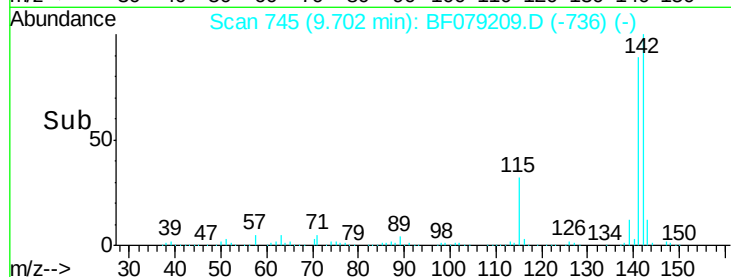
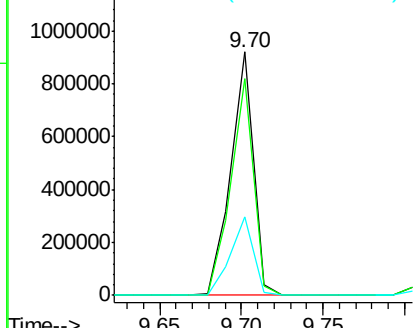
#37
2-Methylnaphthalene
Concen: 116.41 ng
RT: 9.70 min Scan# 745
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

Tgt Ion:142 Resp: 880214
Ion Ratio Lower Upper
142 100
141 89.0 70.9 106.3
115 32.2 28.5 42.7

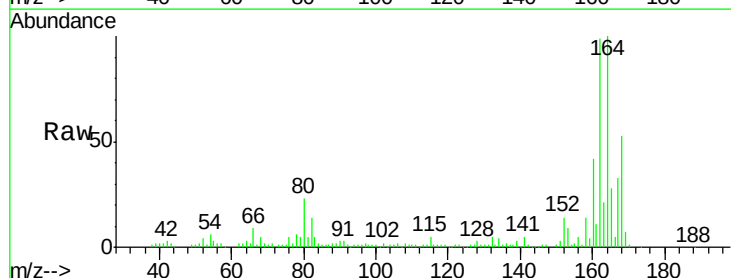


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

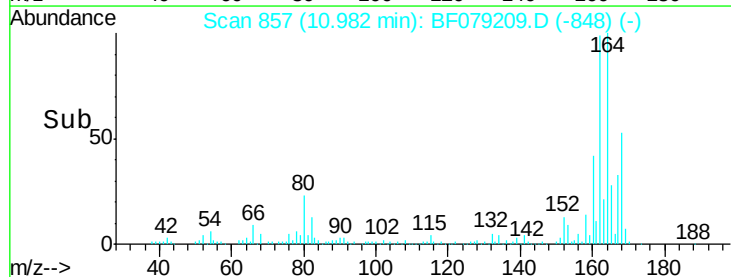
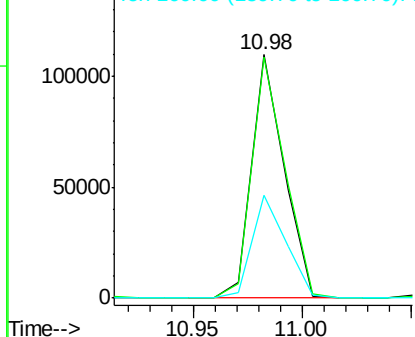


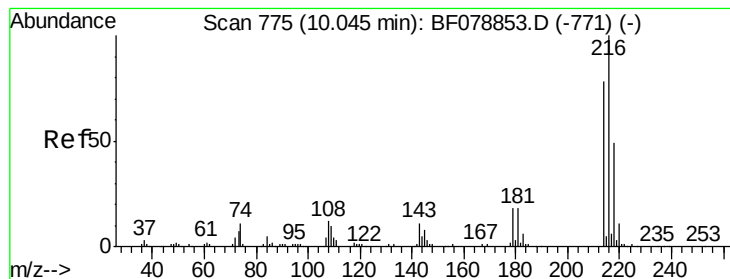
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion:164 Resp: 113893
Ion Ratio Lower Upper
164 100
162 99.2 82.7 124.1
160 42.0 35.8 53.8



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 33.21 ng

RT: 9.91 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

Tgt Ion:216 Resp: 106537

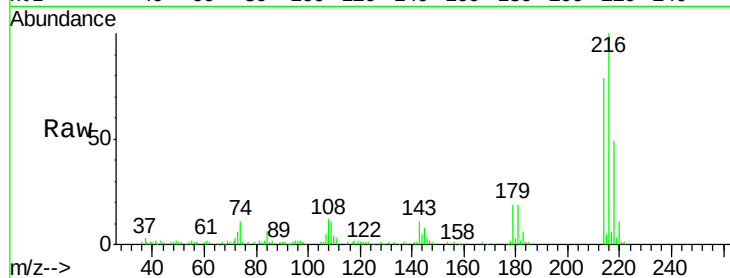
Ion Ratio Lower Upper

216 100

214 79.8 0.0 0.0#

179 21.9 0.0 0.0#

108 19.7 0.0 0.0#

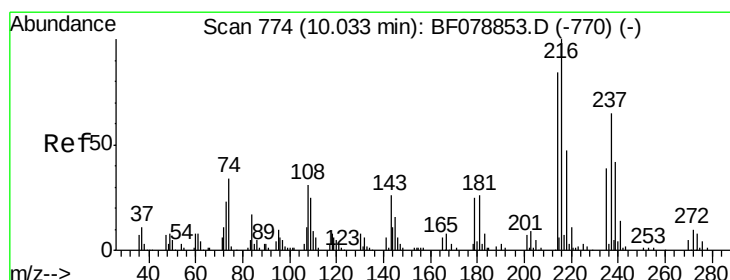
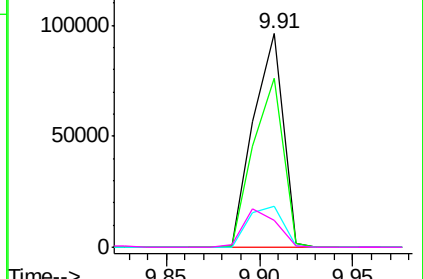
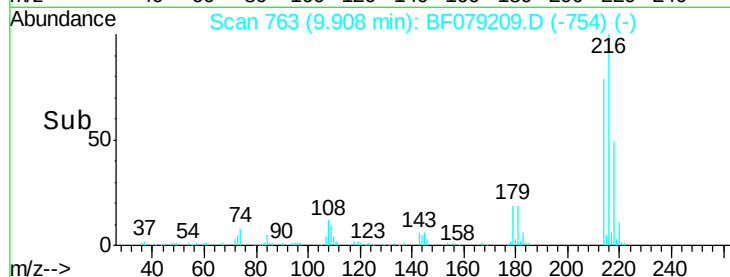


Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.98 ng

RT: 9.88 min Scan# 761

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

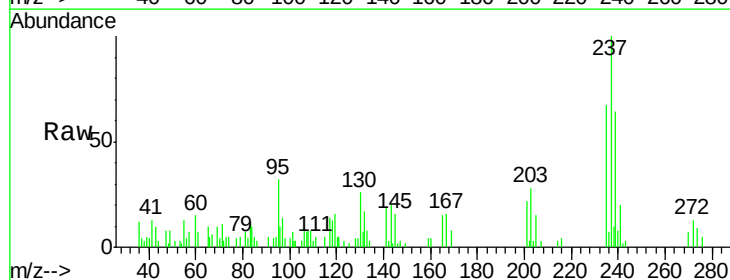
Tgt Ion:237 Resp: 12865

Ion Ratio Lower Upper

237 100

235 67.2 44.7 84.7

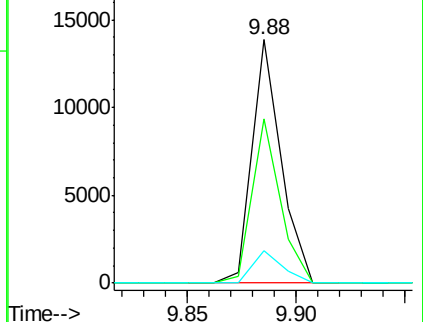
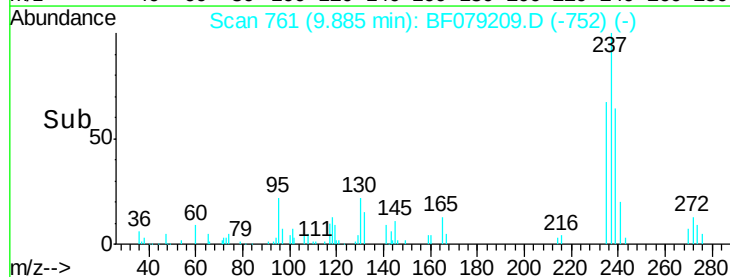
272 13.4 0.0 32.6

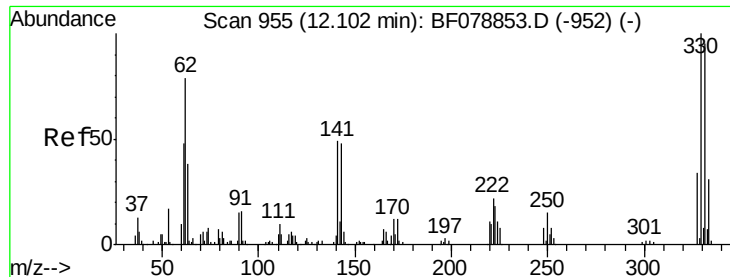


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

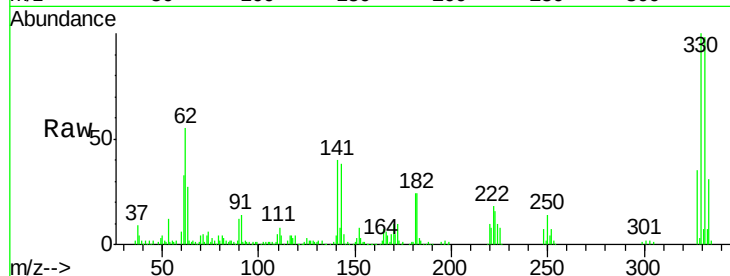




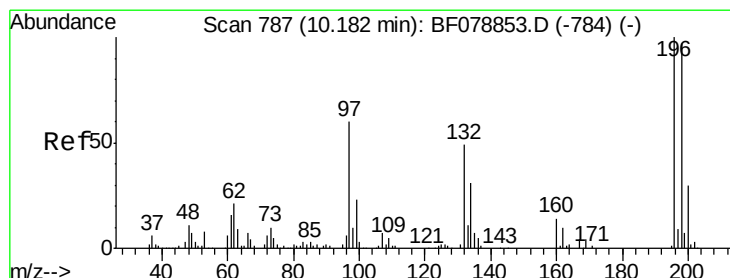
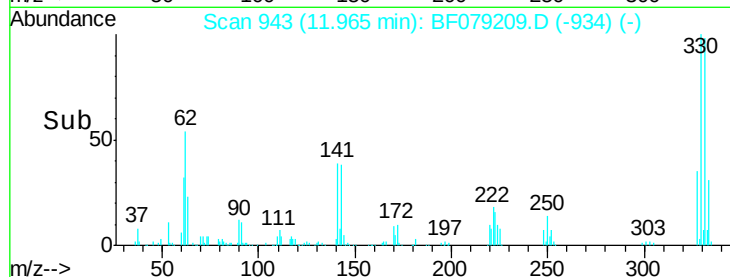
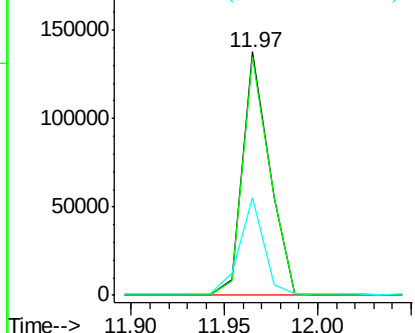
#41
 2,4,6-Tribromophenol
 Concen: 113.11 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion:330 Resp: 139365
 Ion Ratio Lower Upper
 330 100
 332 98.6 0.0 0.0#
 141 36.2 0.0 0.0#

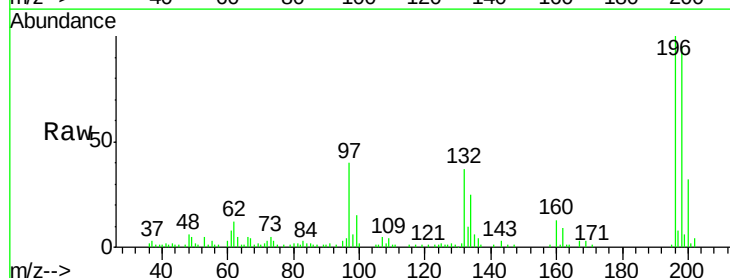


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

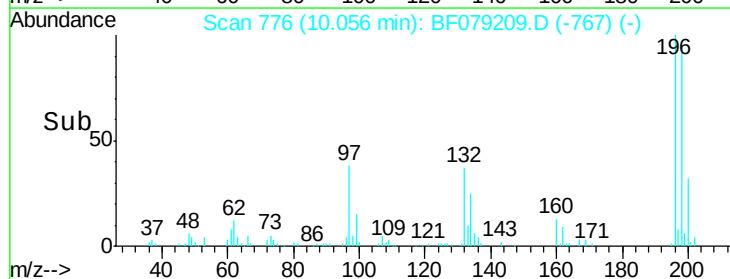
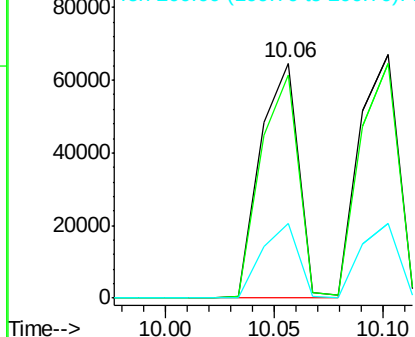


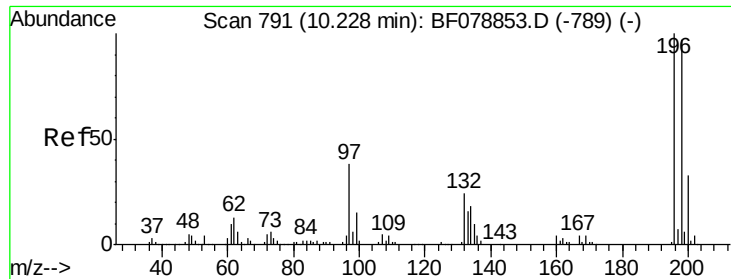
#42
 2,4,6-Trichlorophenol
 Concen: 36.25 ng
 RT: 10.06 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:196 Resp: 79930
 Ion Ratio Lower Upper
 196 100
 198 95.1 80.5 120.7
 200 31.6 24.9 37.3



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

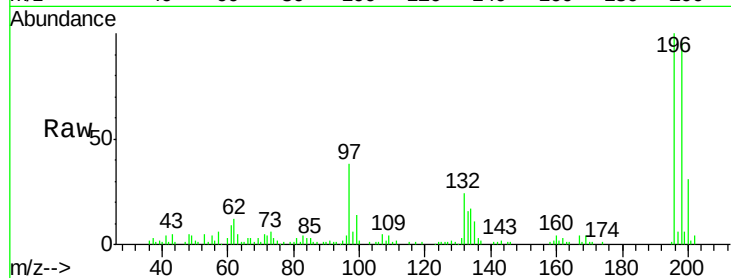




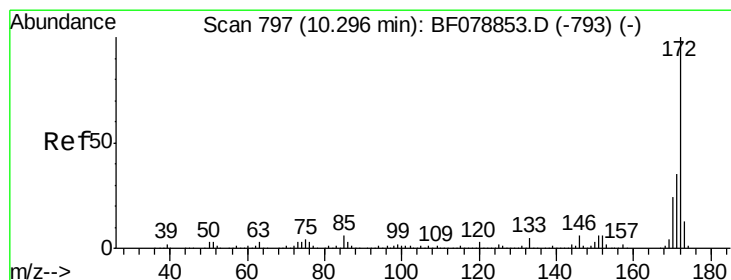
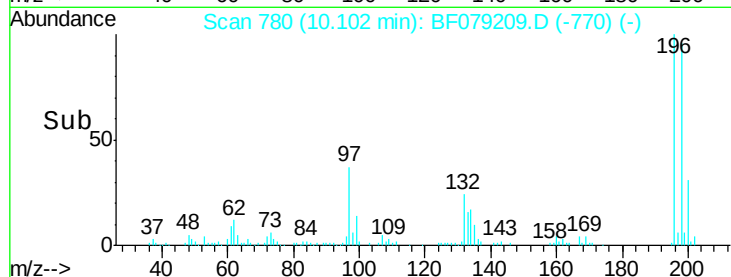
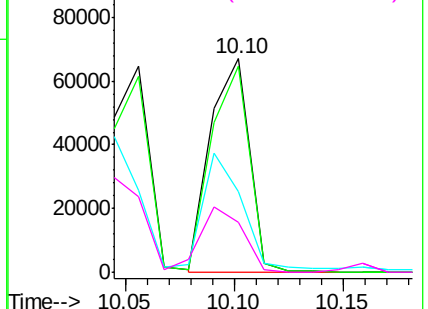
#43
 2,4,5-Trichlorophenol
 Concen: 37.55 ng
 RT: 10.10 min Scan# 780
 Delta R.T. 0.01 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion:196 Resp: 83712
 Ion Ratio Lower Upper
 196 100
 198 96.4 79.8 119.6
 97 37.9 46.0 69.0#
 132 23.7 26.6 40.0#



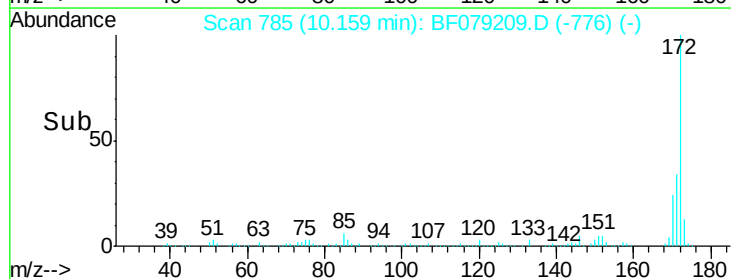
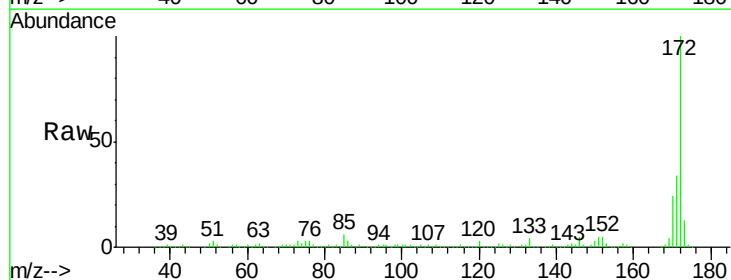
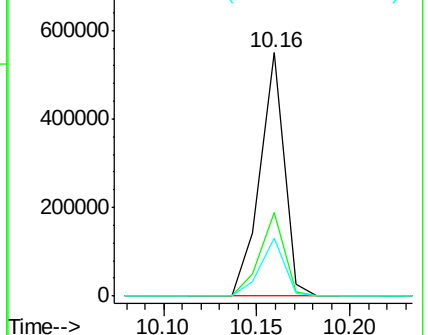
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

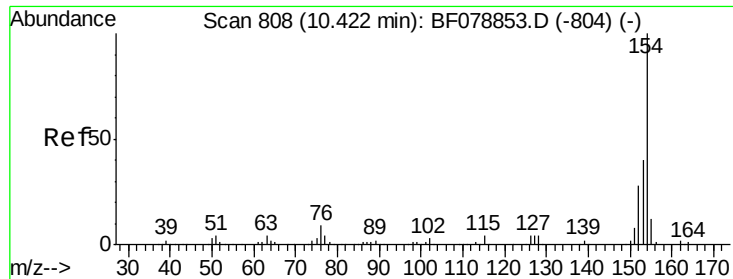


#44
 2-Fluorobiphenyl
 Concen: 60.56 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:172 Resp: 495039
 Ion Ratio Lower Upper
 172 100
 171 34.5 27.9 41.9
 170 23.6 19.4 29.0

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

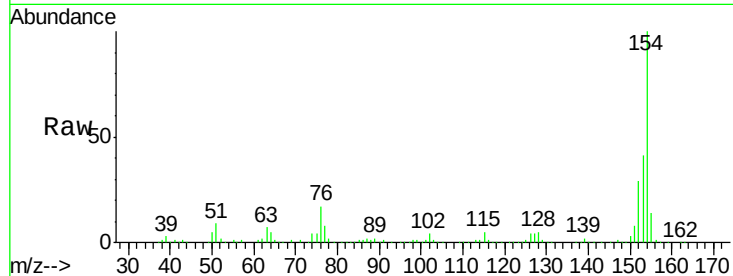




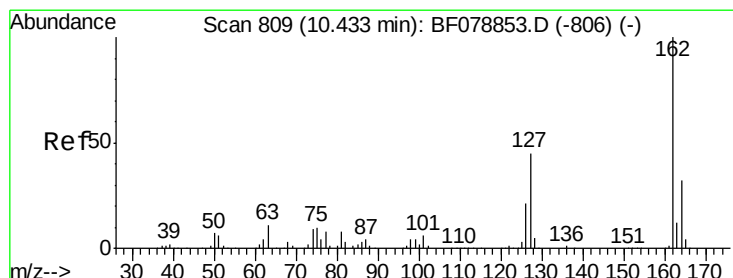
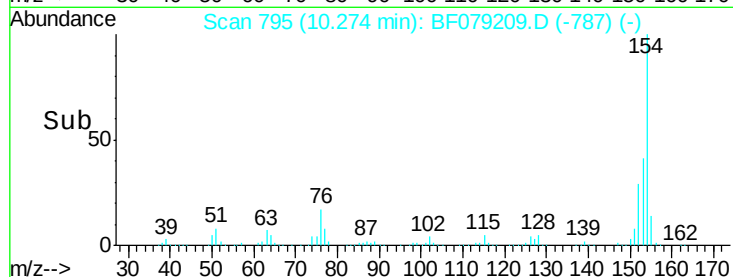
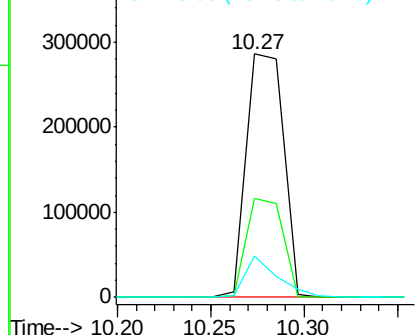
#45
 1,1'-Biphenyl
 Concen: 43.61 ng
 RT: 10.27 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.5	19.9	59.9
76	16.9	0.0	35.0

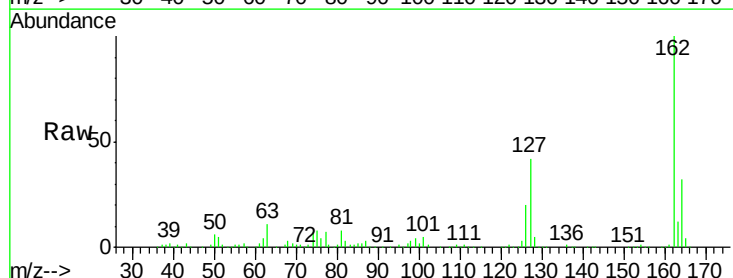


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

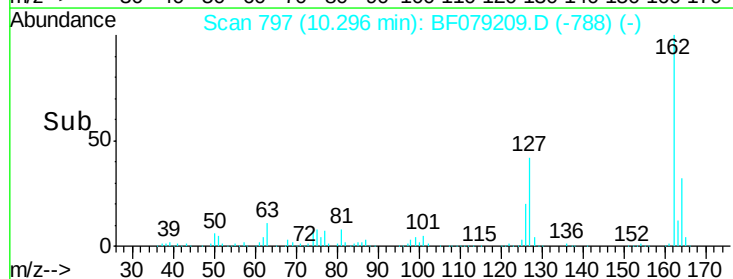
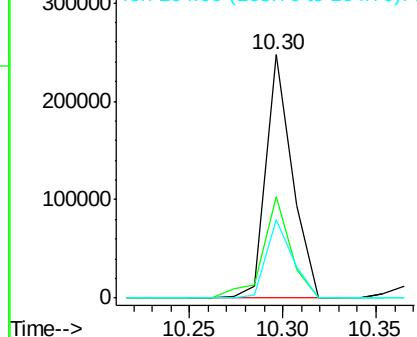


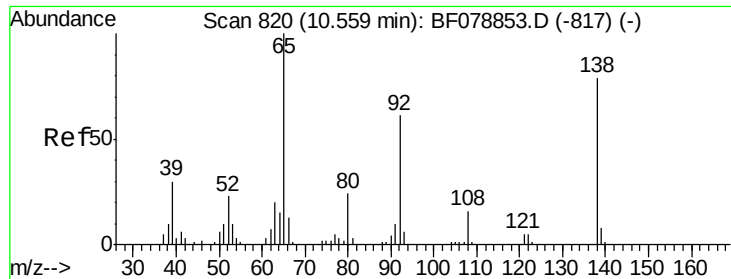
#46
 2-Chloronaphthalene
 Concen: 34.54 ng
 RT: 10.30 min Scan# 797
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.9	50.9
164	32.2	26.3	39.5



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

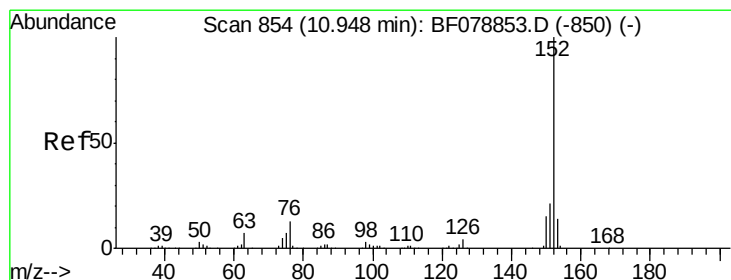
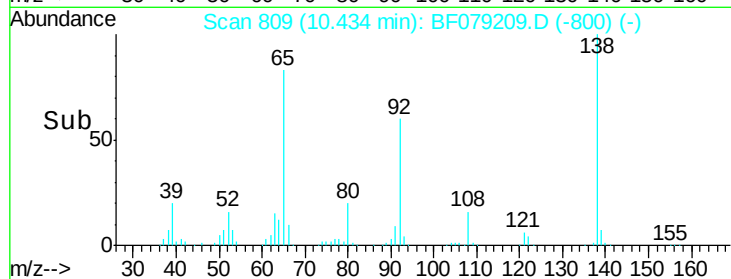
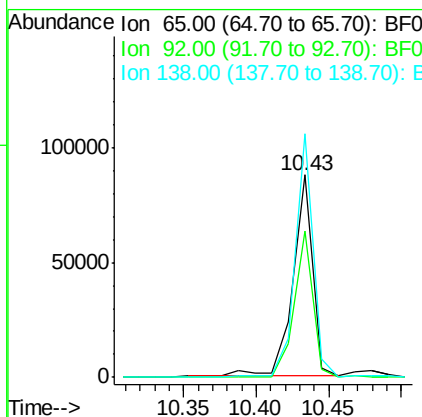
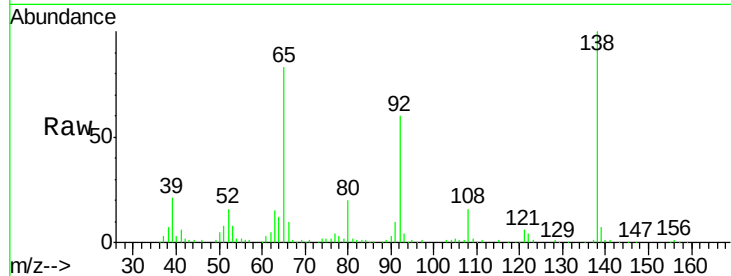




#47
 2-Nitroaniline
 Concen: 40.26 ng
 RT: 10.43 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

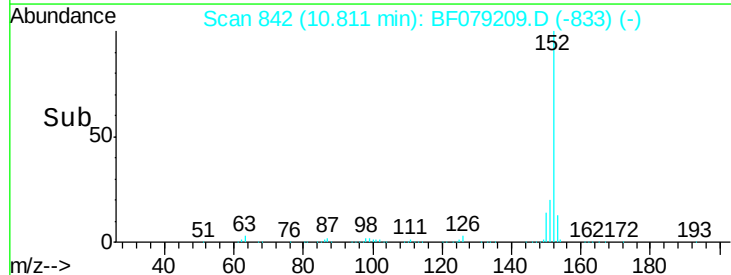
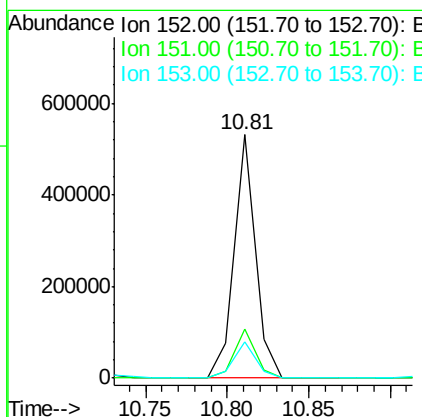
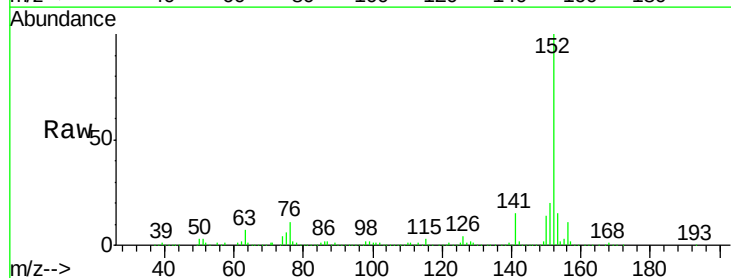
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

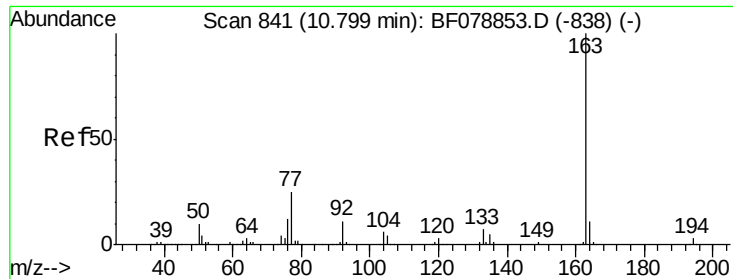
Tgt Ion: 65 Resp: 82380
 Ion Ratio Lower Upper
 65 100
 92 72.7 54.0 81.0
 138 120.5 75.0 112.6#



#48
 Acenaphthylene
 Concen: 41.20 ng
 RT: 10.81 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion: 152 Resp: 477809
 Ion Ratio Lower Upper
 152 100
 151 20.1 16.2 24.4
 153 15.0 10.9 16.3

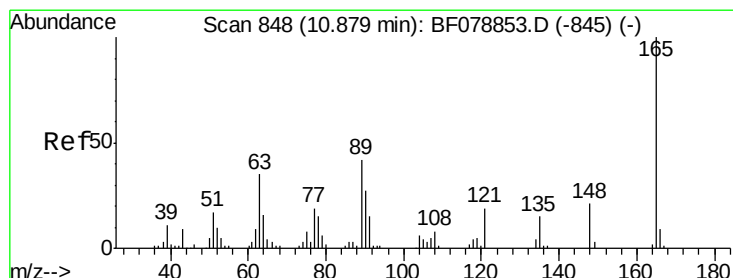
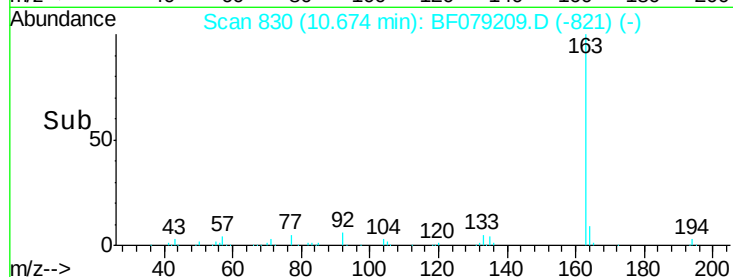
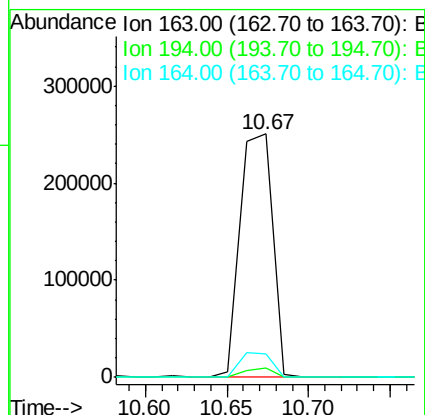
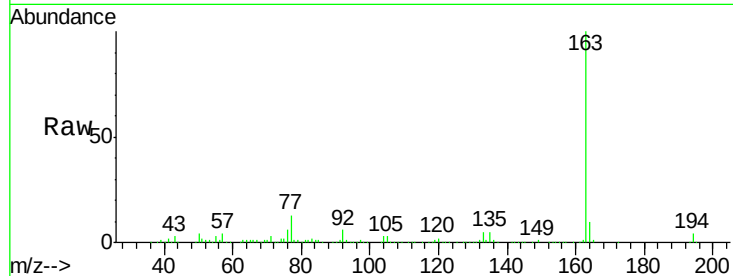




#49
Dimethylphthalate
Concen: 41.21 ng
RT: 10.67 min Scan# 830
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

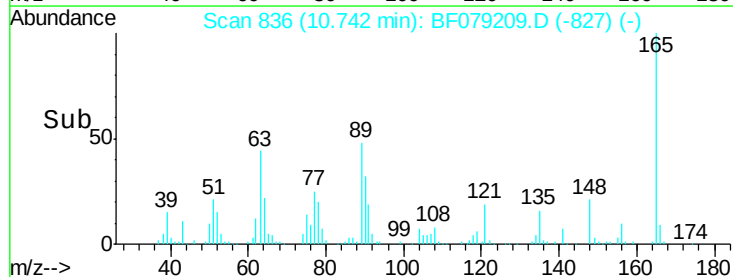
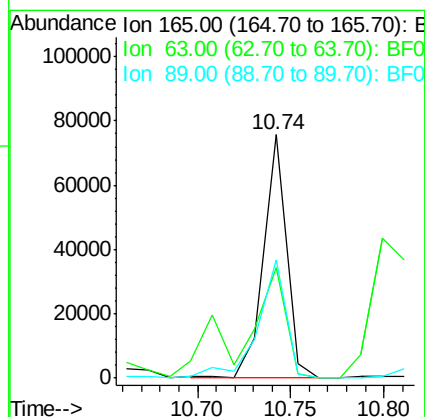
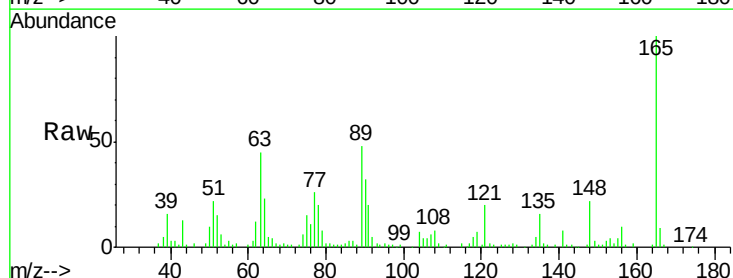
Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

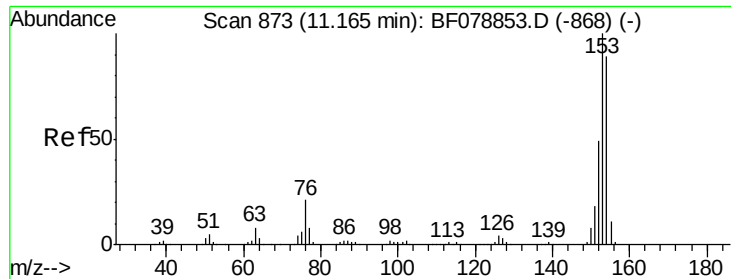
Tgt Ion:163 Resp: 344442
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 9.6 8.1 12.1



#50
2,6-Dinitrotoluene
Concen: 38.88 ng
RT: 10.74 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion:165 Resp: 64132
Ion Ratio Lower Upper
165 100
63 45.2 54.4 81.6#
89 48.3 55.7 83.5#





#51

Acenaphthene

Concen: 82.87 ng

RT: 11.03 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

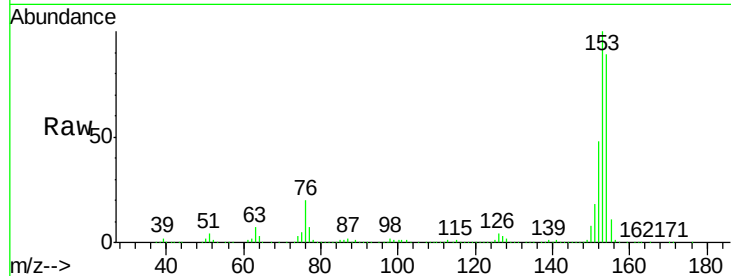
Tgt Ion:154 Resp: 573056

Ion Ratio Lower Upper

154 100

153 112.5 91.5 137.3

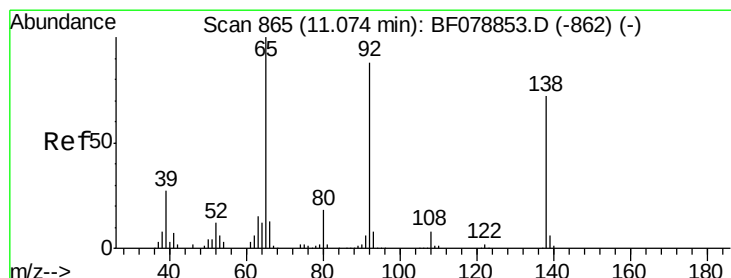
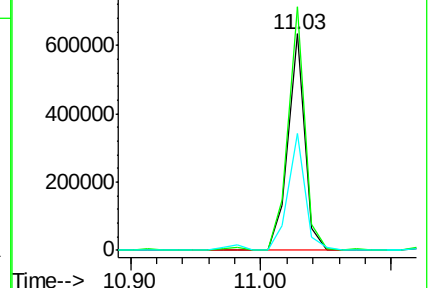
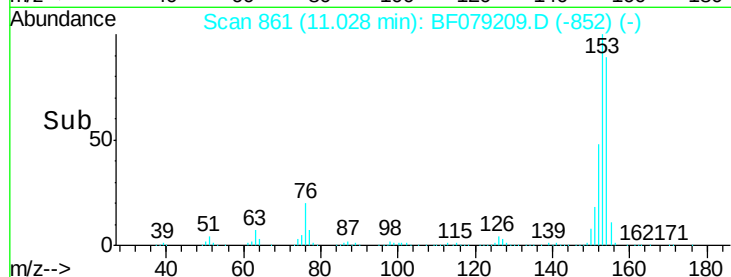
152 54.3 44.2 66.4



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: 33.62 ng

RT: 10.94 min Scan# 853

Delta R.T. -0.01 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

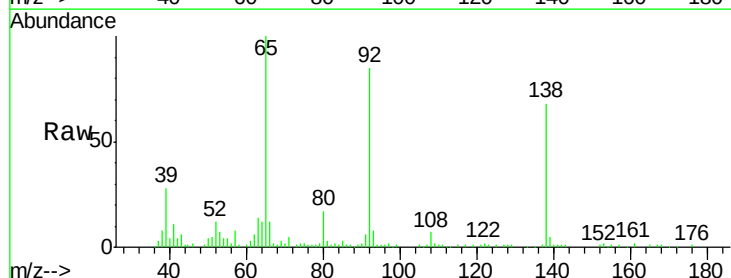
Tgt Ion:138 Resp: 69279

Ion Ratio Lower Upper

138 100

108 10.7 10.6 16.0

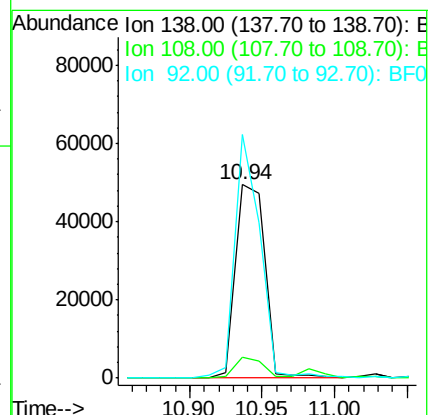
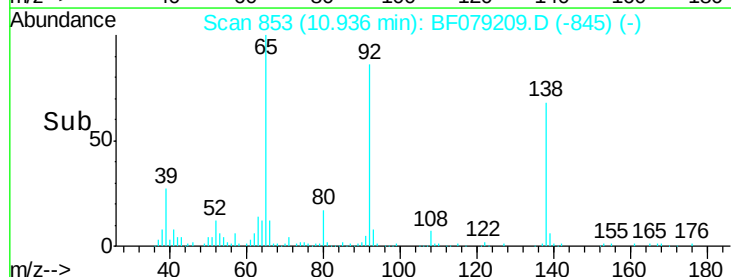
92 125.9 81.8 122.6#

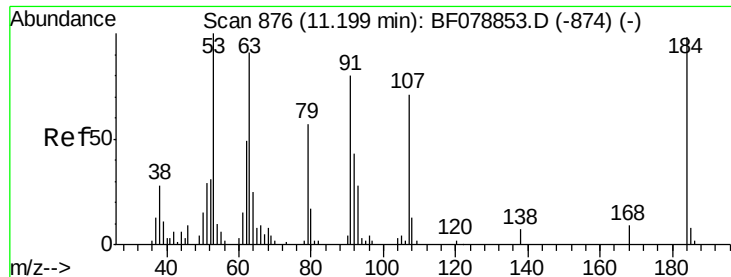


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

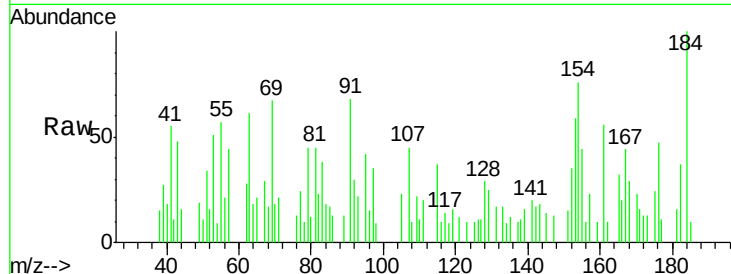




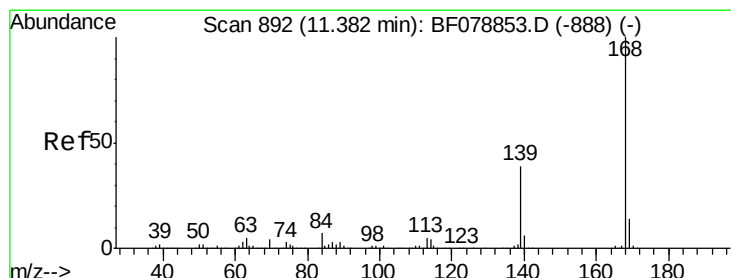
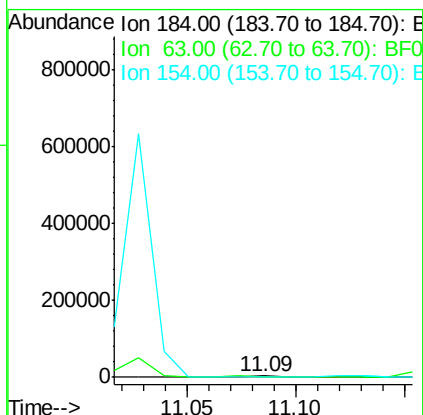
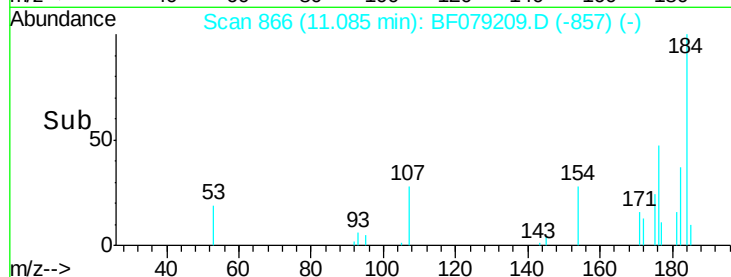
#53
 2,4-Dinitrophenol
 Concen: 12.19 ng
 RT: 11.09 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion:184 Resp: 3637
 Ion Ratio Lower Upper
 184 100
 63 60.7 63.3 94.9#
 154 75.8 53.8 80.6

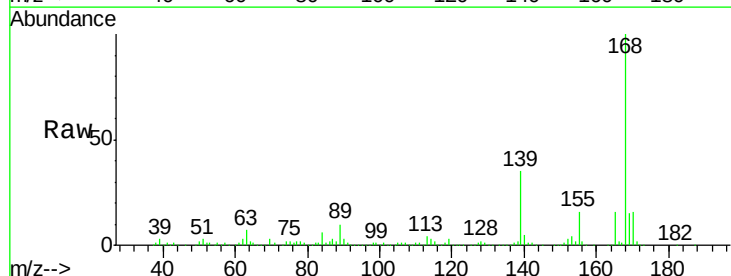


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

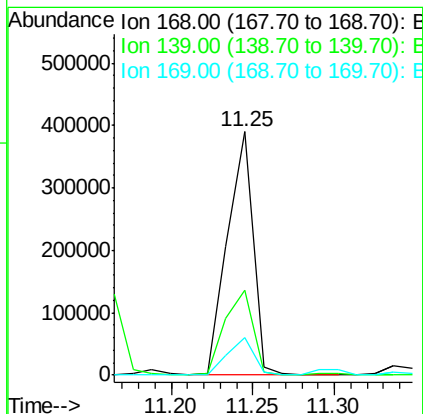
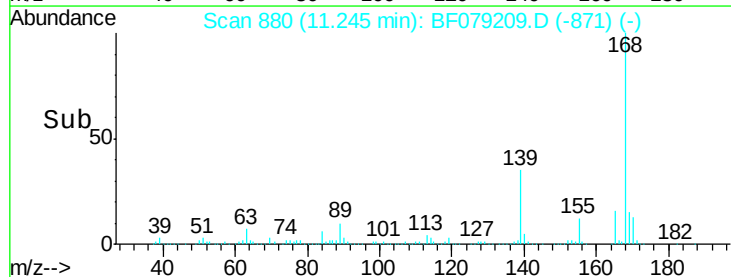


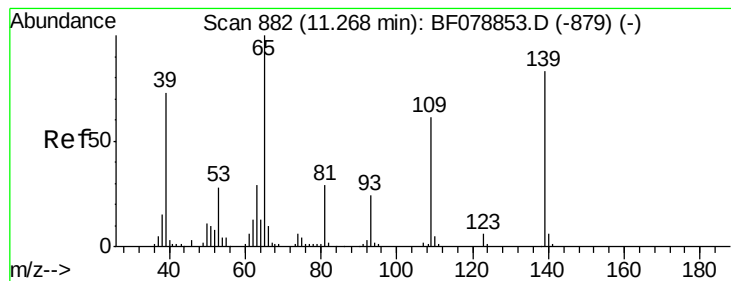
#54
 Dibenzofuran
 Concen: 42.18 ng
 RT: 11.25 min Scan# 880
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:168 Resp: 421368
 Ion Ratio Lower Upper
 168 100
 139 35.1 31.0 46.4
 169 15.5 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 79.04 ng

RT: 11.17 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

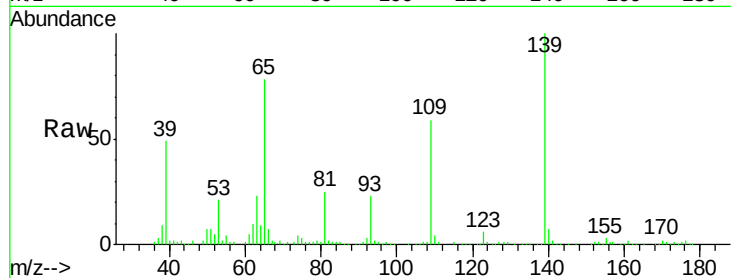
Tgt Ion:139 Resp: 128913

Ion Ratio Lower Upper

139 100

109 59.0 47.6 87.6

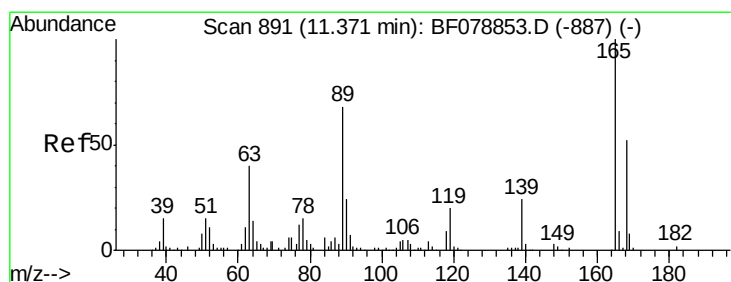
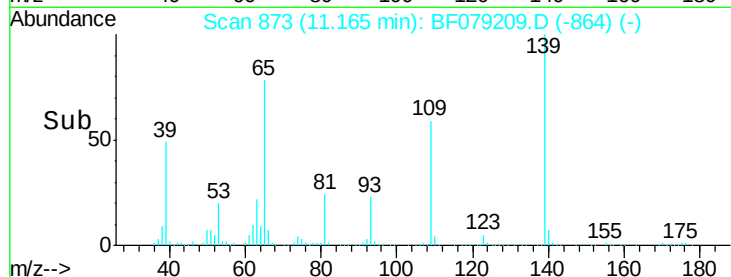
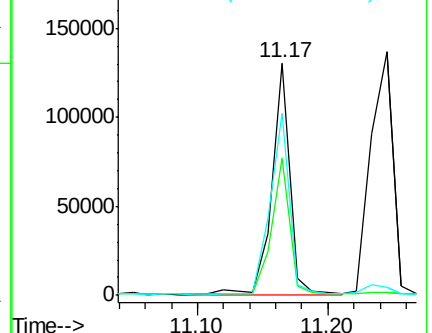
65 78.2 54.3 94.3



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: 39.05 ng

RT: 11.25 min Scan# 880

Delta R.T. 0.01 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Tgt Ion:165 Resp: 85161

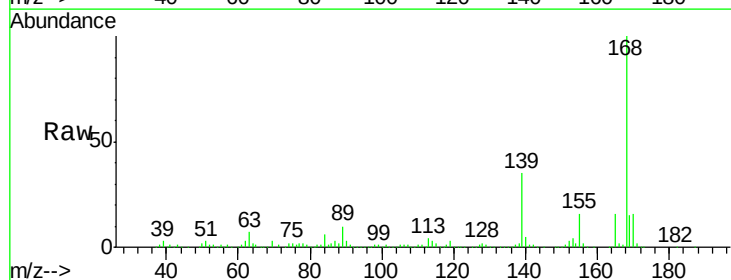
Ion Ratio Lower Upper

165 100

63 45.3 51.2 76.8#

89 60.5 82.7 124.1#

182 2.3 1.4 2.2#

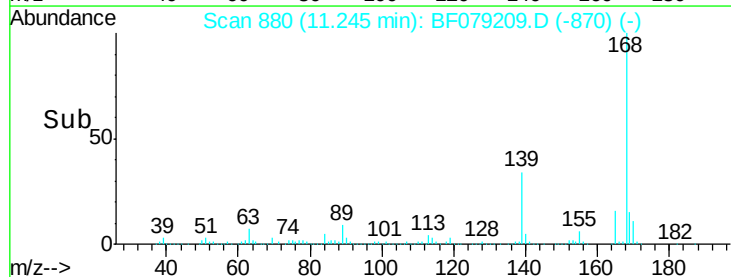
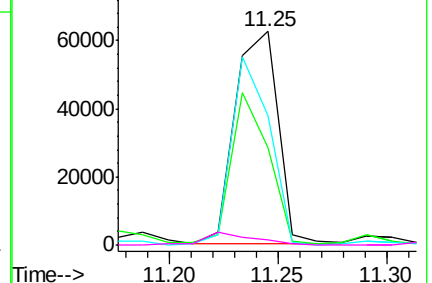


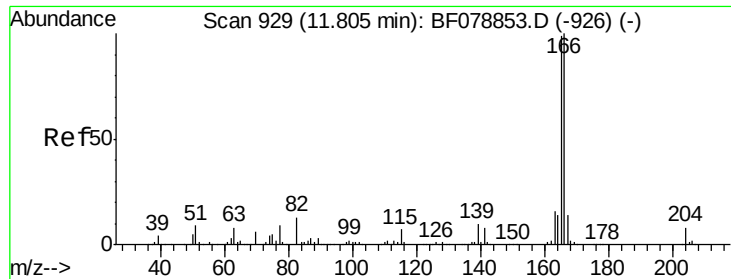
Abundance Ion 165.00 (164.70 to 165.70): E

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

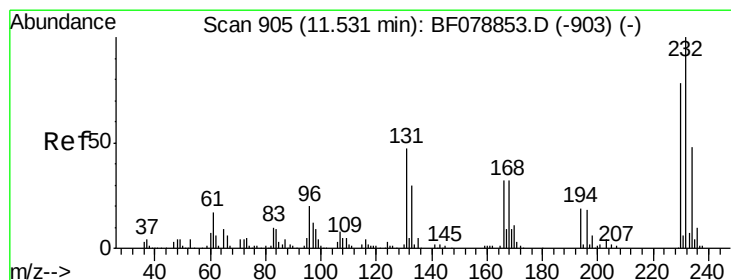
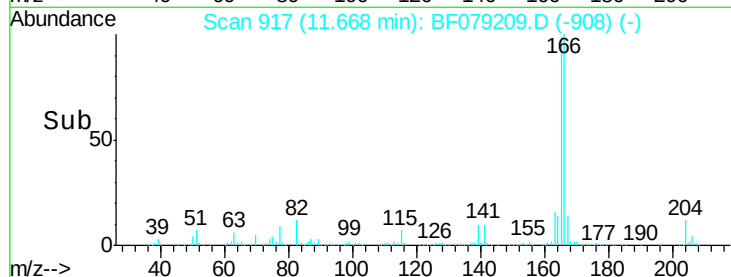
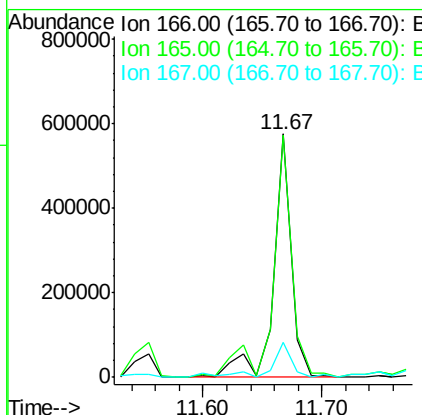
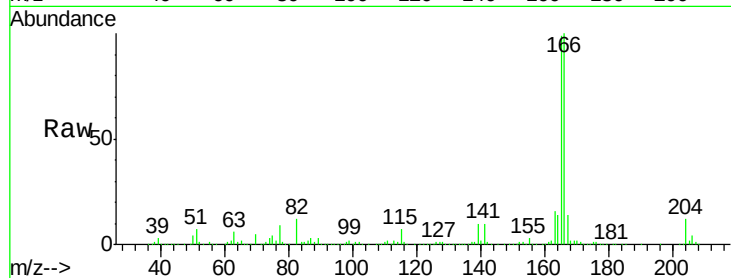




#57
 Fluorene
 Concen: 73.76 ng
 RT: 11.67 min Scan# 917
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

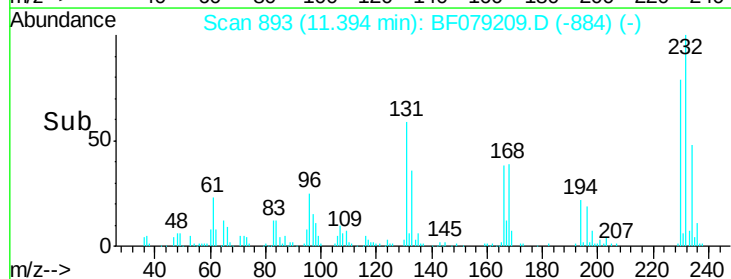
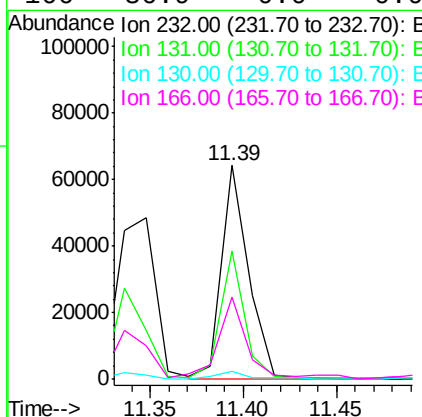
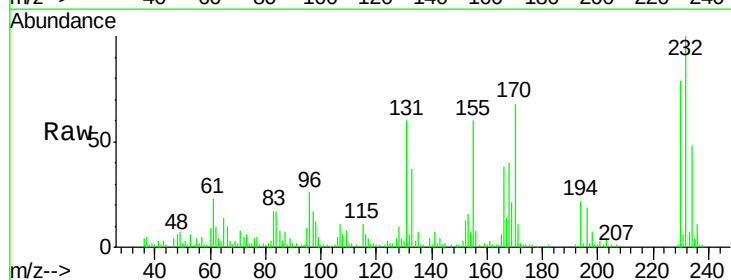
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

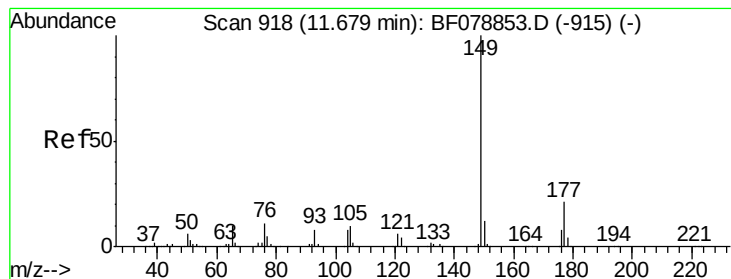
Tgt Ion:166 Resp: 604741
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 14.2 11.0 16.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.75 ng
 RT: 11.39 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:232 Resp: 65139
 Ion Ratio Lower Upper
 232 100
 131 51.3 0.0 0.0#
 130 4.5 0.0 0.0#
 166 36.9 0.0 0.0#





#59

Diethylphthalate

Concen: 33.85 ng

RT: 11.54 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

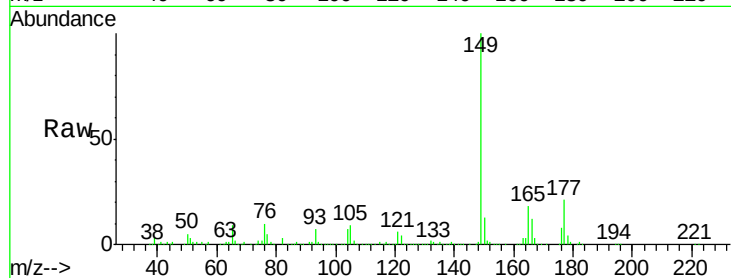
Tgt Ion:149 Resp: 280283

Ion Ratio Lower Upper

149 100

177 21.0 17.5 26.3

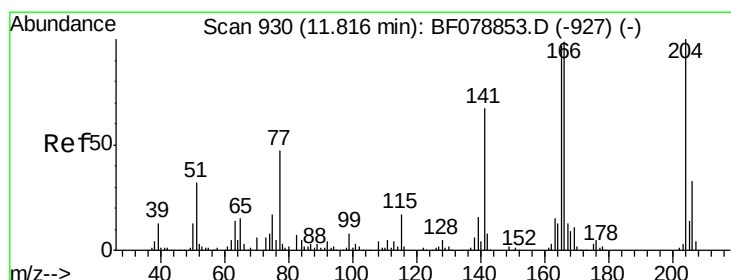
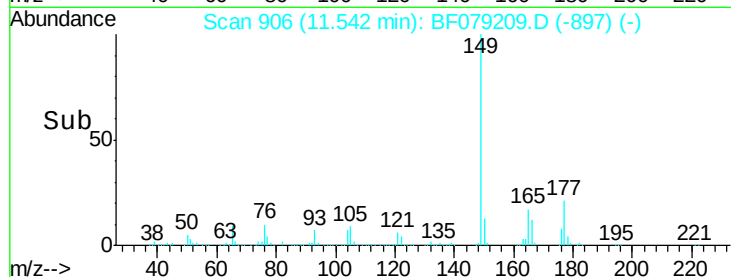
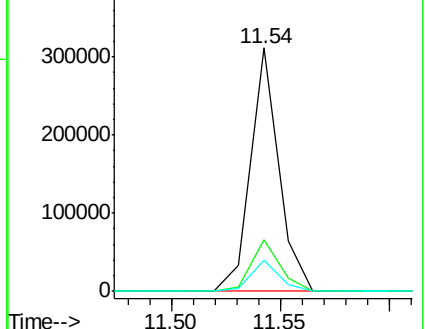
150 12.9 9.6 14.4



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: 33.21 ng

RT: 11.68 min Scan# 918

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

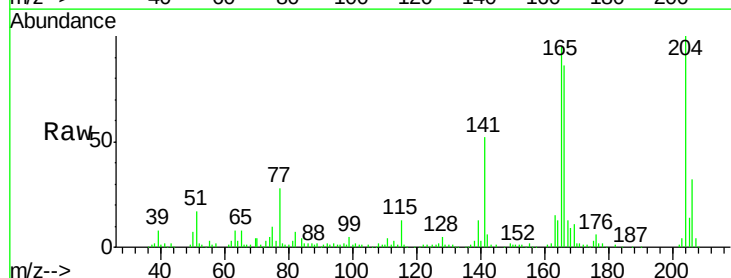
Tgt Ion:204 Resp: 120788

Ion Ratio Lower Upper

204 100

206 32.3 26.9 40.3

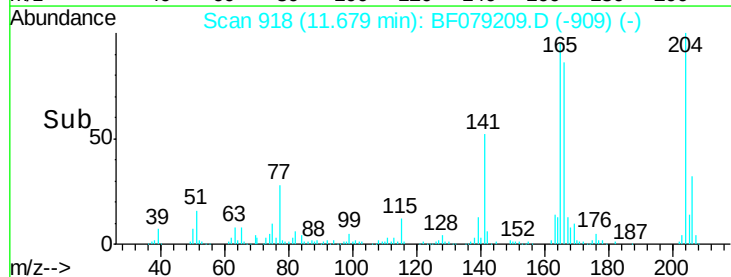
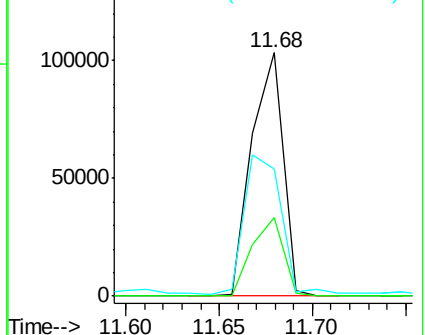
141 52.2 48.3 72.5

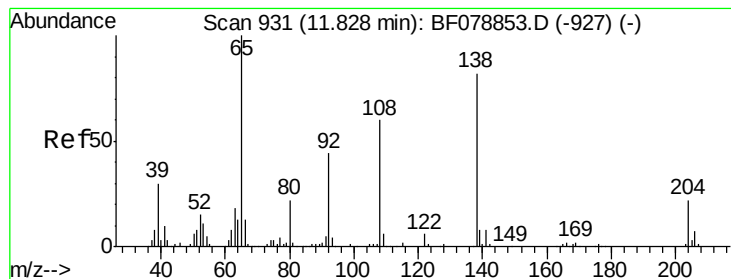


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 36.72 ng

RT: 11.69 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

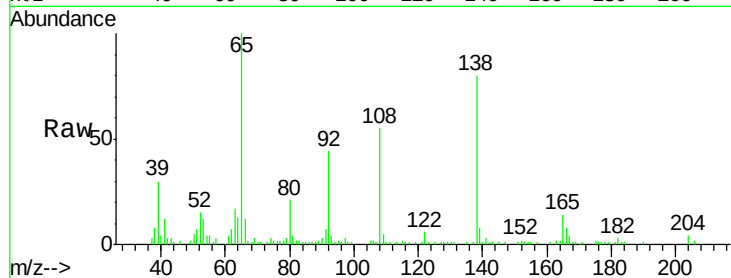
Tgt Ion:138 Resp: 75708

Ion Ratio Lower Upper

138 100

92 55.6 28.0 68.0

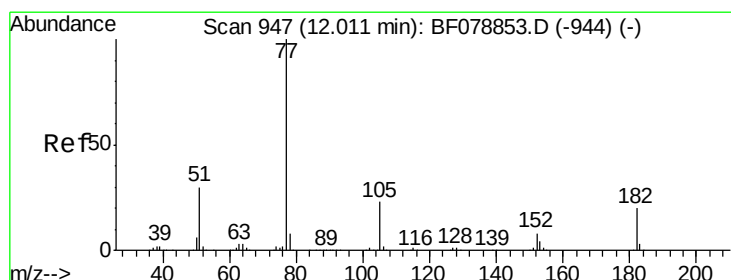
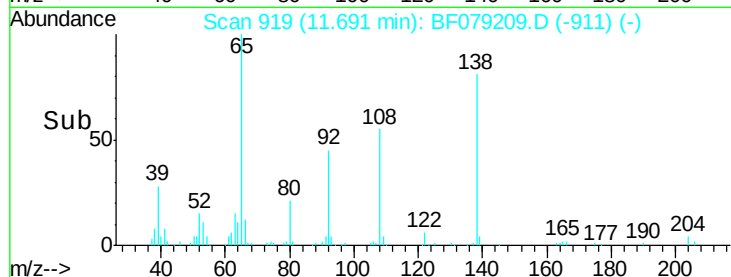
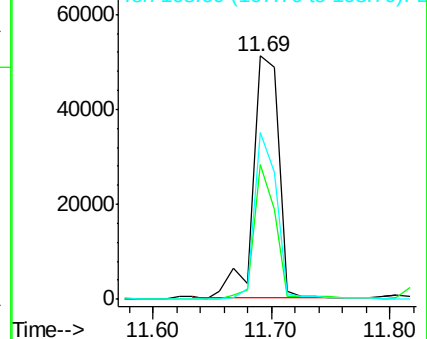
108 68.5 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 32.93 ng

RT: 11.87 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Tgt Ion: 77 Resp: 268713

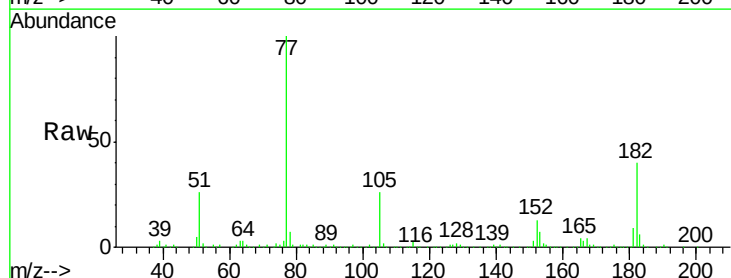
Ion Ratio Lower Upper

77 100

182 40.5 3.8 43.8

105 26.2 3.9 43.9

51 26.2 10.8 50.8

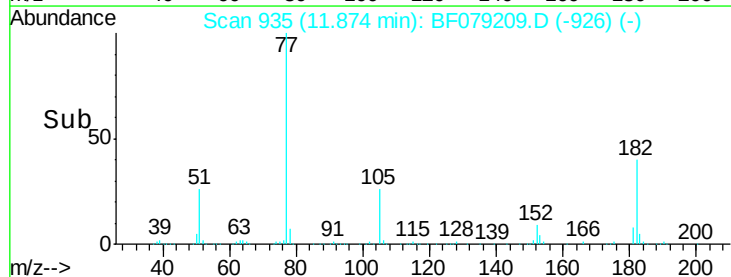
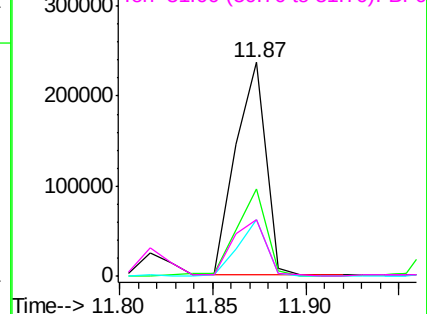


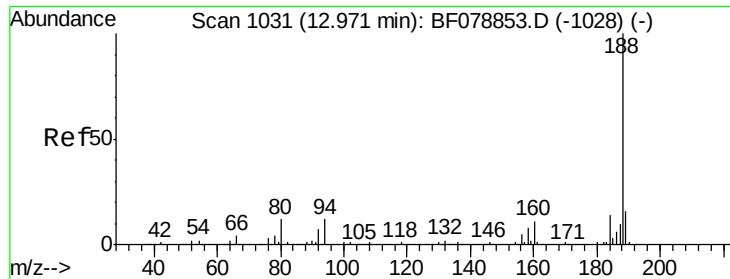
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

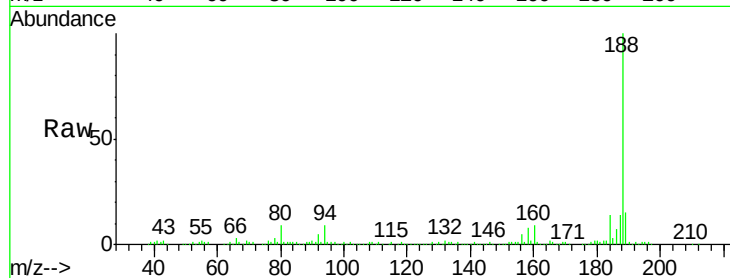




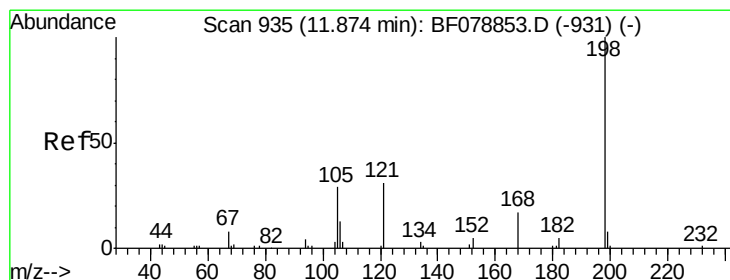
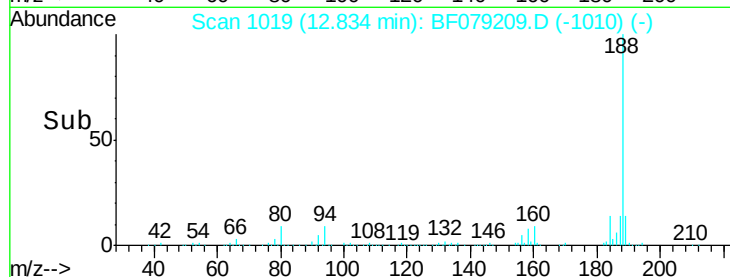
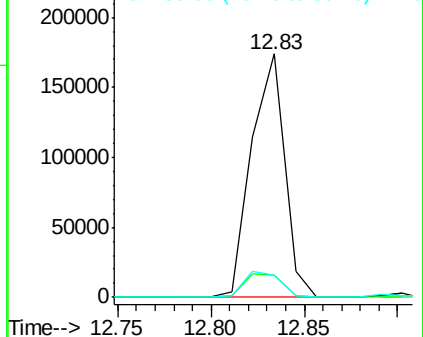
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.83 min Scan# 1019
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

Tgt Ion:188 Resp: 213283
Ion Ratio Lower Upper
188 100
94 9.2 8.2 12.2
80 9.1 8.9 13.3

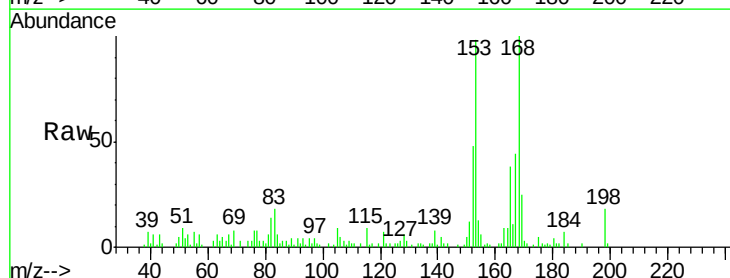


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

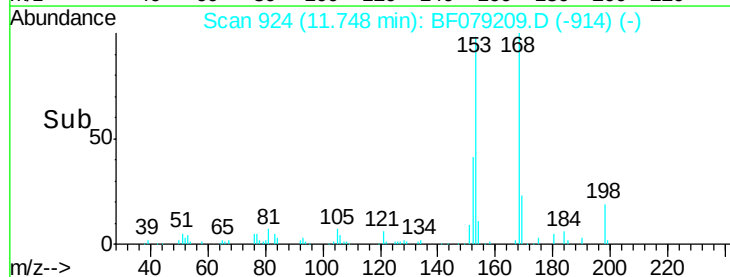
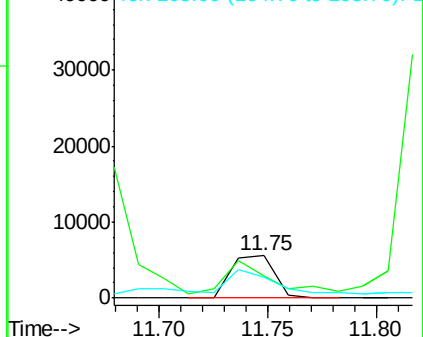


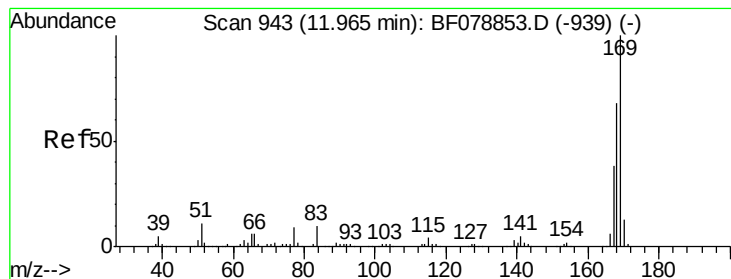
#64
4,6-Dinitro-2-methylphenol
Concen: 12.80 ng
RT: 11.75 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion:198 Resp: 7762
Ion Ratio Lower Upper
198 100
51 51.8 47.3 87.3
105 49.8 38.8 78.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

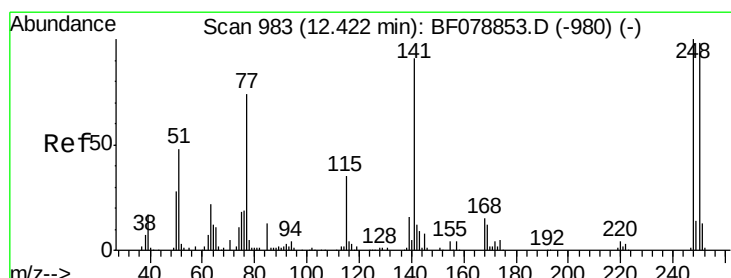
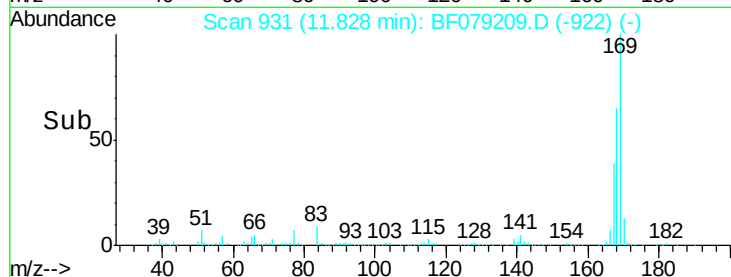
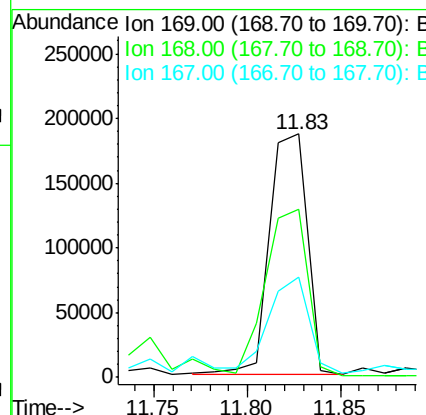
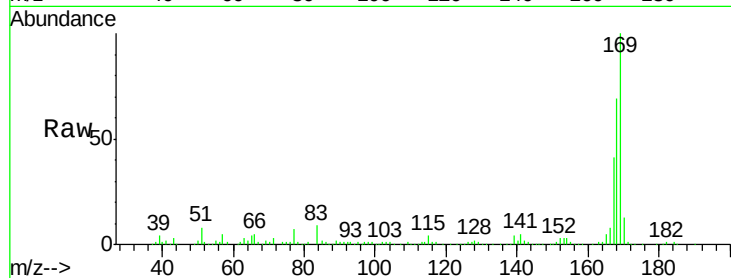




#65
 n-Nitrosodiphenylamine
 Concen: 36.82 ng
 RT: 11.83 min Scan# 931
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

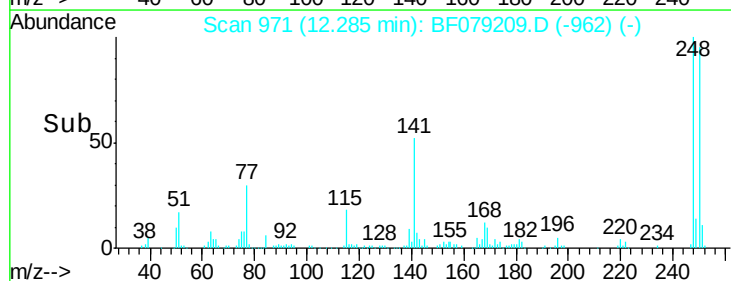
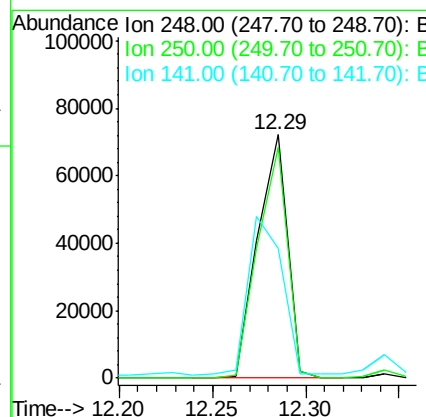
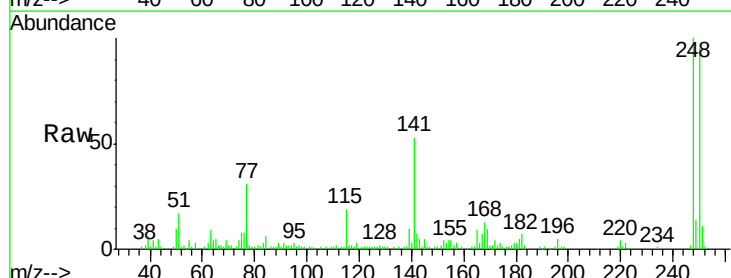
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

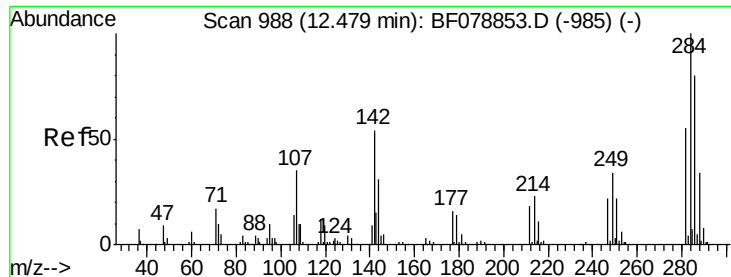
Tgt Ion:169 Resp: 261548
 Ion Ratio Lower Upper
 169 100
 168 69.3 54.6 82.0
 167 41.1 30.6 45.8



#66
 4-Bromophenyl-phenylether
 Concen: 35.71 ng
 RT: 12.29 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:248 Resp: 79398
 Ion Ratio Lower Upper
 248 100
 250 94.8 77.1 115.7
 141 53.3 58.8 88.2#

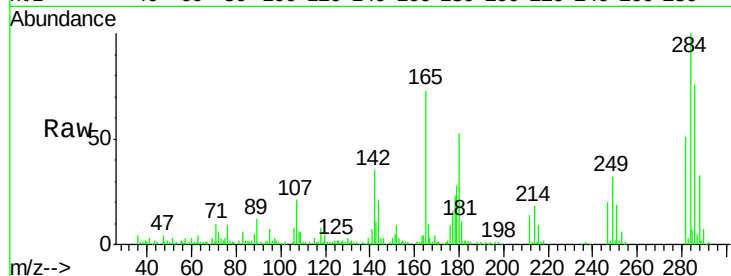




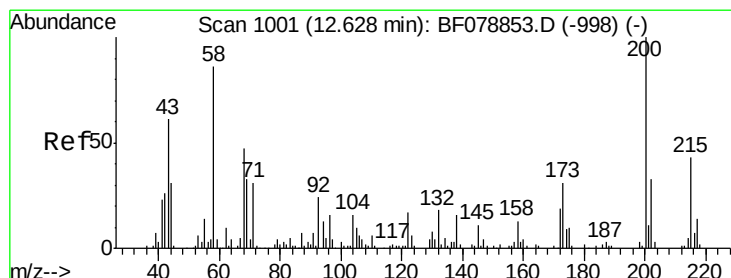
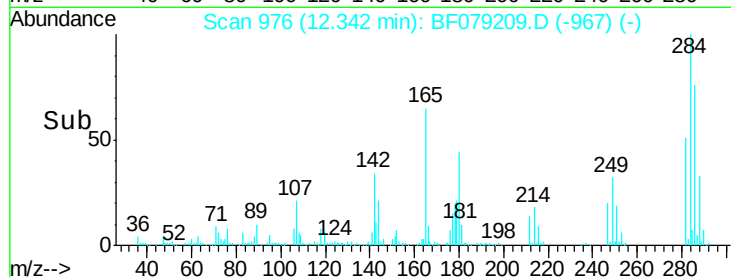
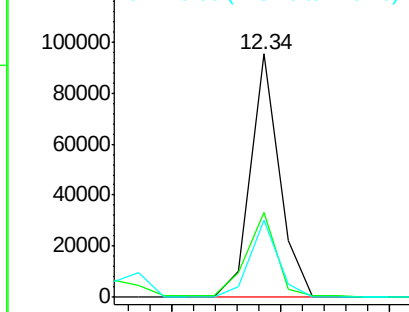
#67
Hexachlorobenzene
Concen: 34.48 ng
RT: 12.34 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

Tgt Ion:284 Resp: 87606
Ion Ratio Lower Upper
284 100
142 34.8 35.2 52.8#
249 31.6 25.4 38.2

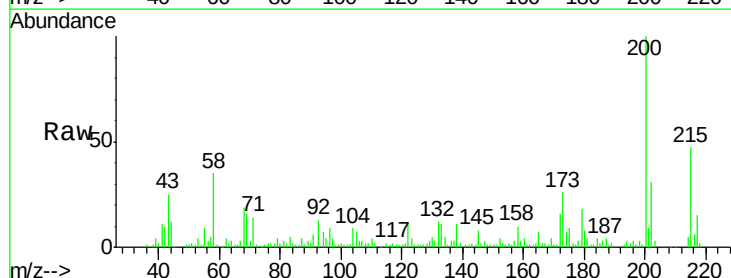


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

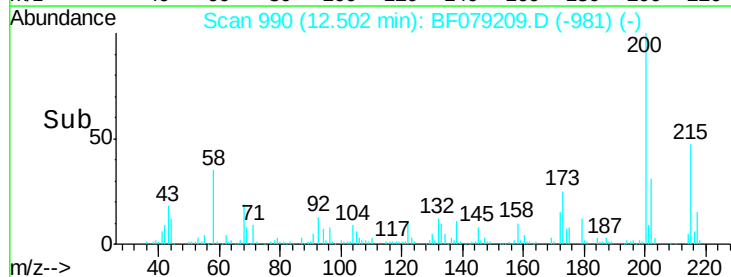
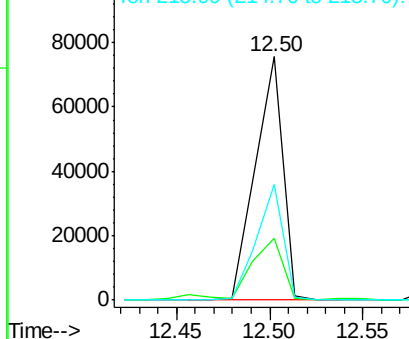


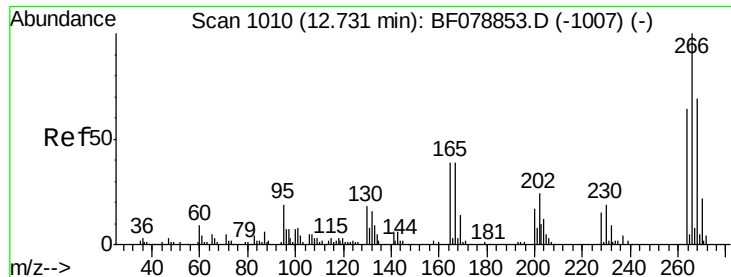
#68
Atrazine
Concen: 38.01 ng
RT: 12.50 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion:200 Resp: 78509
Ion Ratio Lower Upper
200 100
173 25.6 8.1 48.1
215 47.4 22.9 62.9



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

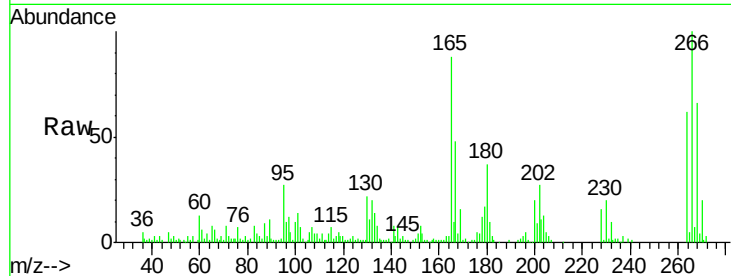




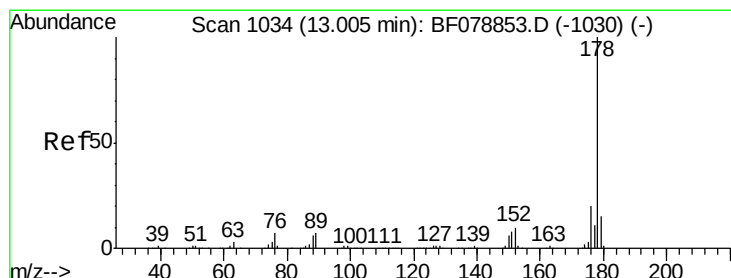
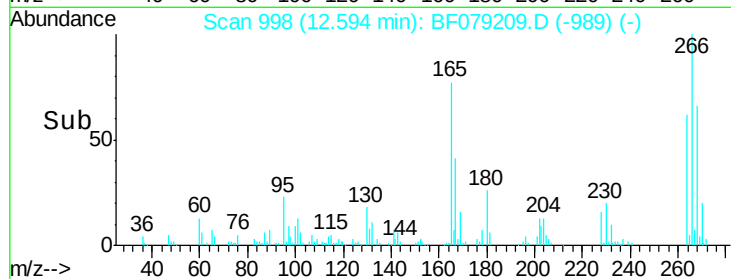
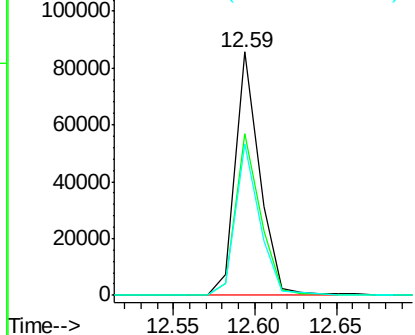
#69
 Pentachlorophenol
 Concen: 61.18 ng
 RT: 12.59 min Scan# 998
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion: 266 Resp: 88331
 Ion Ratio Lower Upper
 266 100
 268 66.5 55.0 82.6
 264 62.2 48.2 72.2

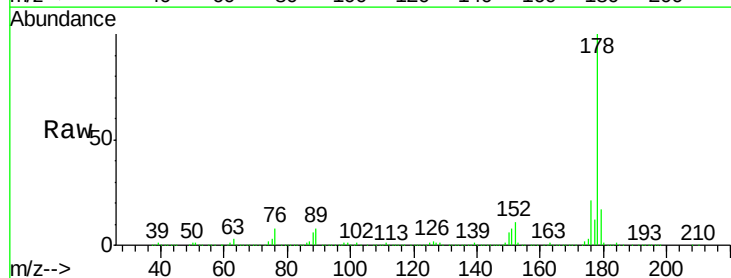


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

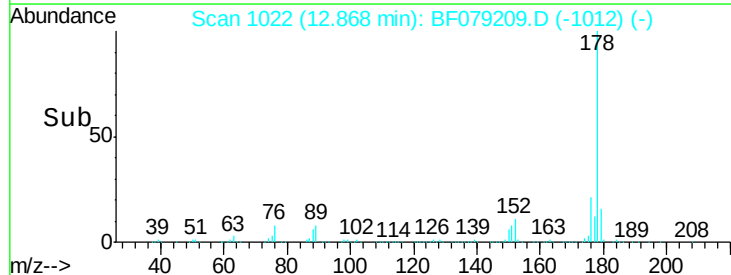
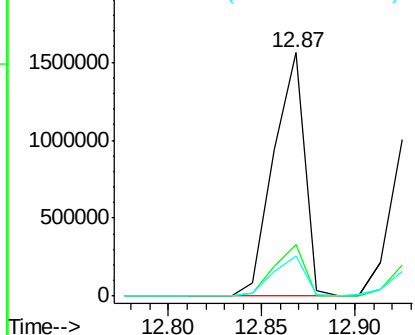


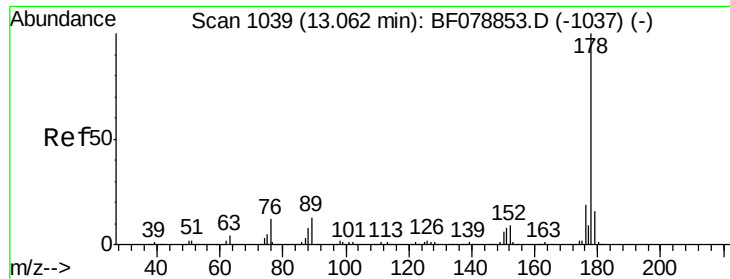
#70
 Phenanthrene
 Concen: 150.49 ng
 RT: 12.87 min Scan# 1022
 Delta R.T. 0.01 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion: 178 Resp: 1795685
 Ion Ratio Lower Upper
 178 100
 176 21.0 15.8 23.8
 179 16.5 12.5 18.7



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

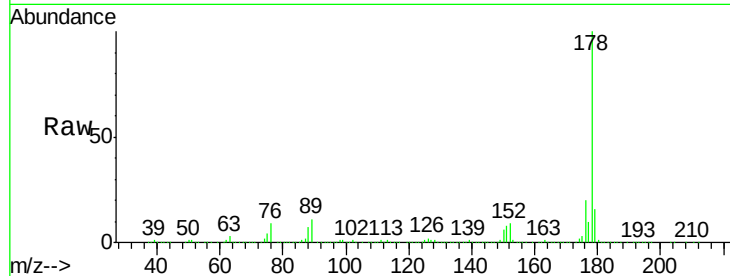




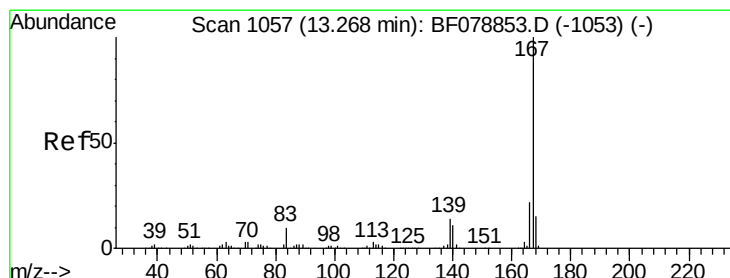
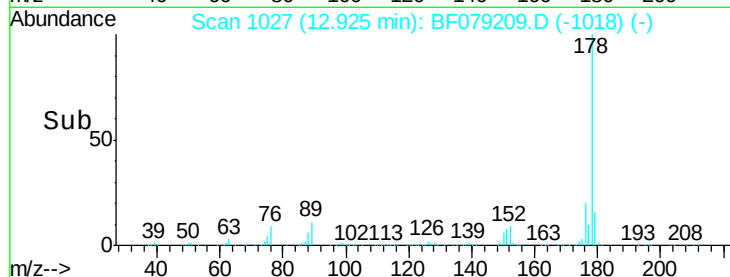
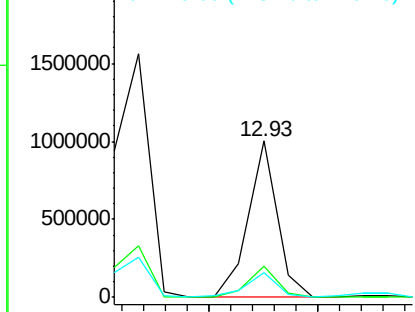
#71
 Anthracene
 Concen: 79.32 ng
 RT: 12.93 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion:178 Resp: 928447
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.5 23.3
 179 16.1 12.7 19.1

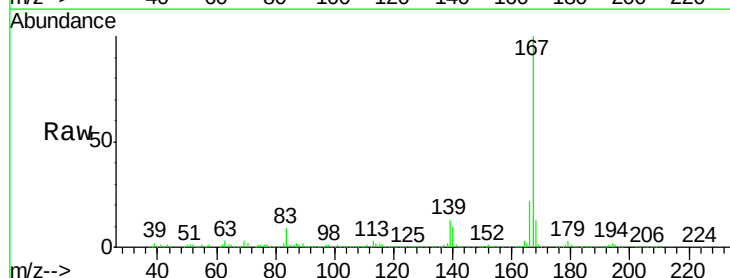


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

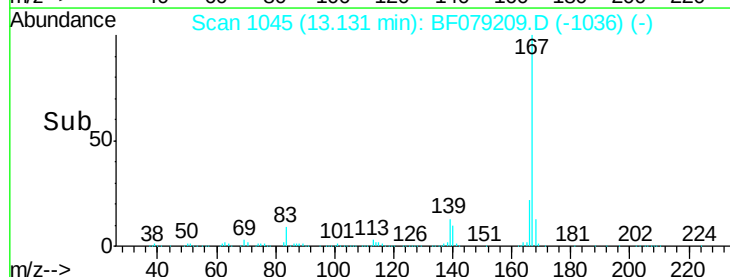
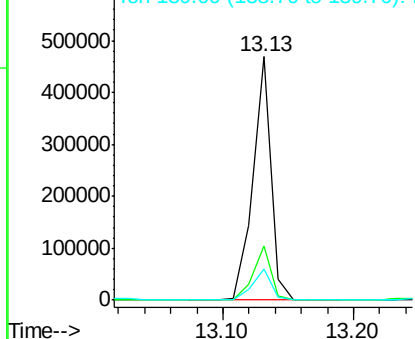


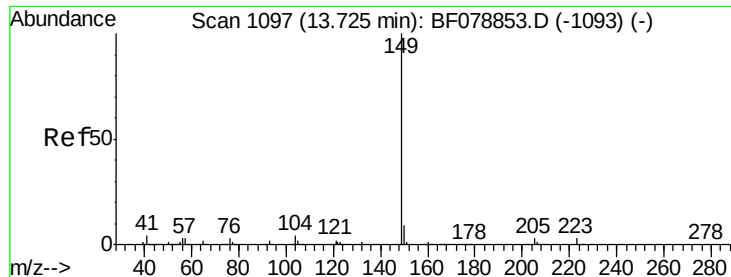
#72
 Carbazole
 Concen: 40.32 ng
 RT: 13.13 min Scan# 1045
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:167 Resp: 449827
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.8 26.8
 139 13.0 10.6 16.0



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: 35.67 ng

RT: 13.58 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

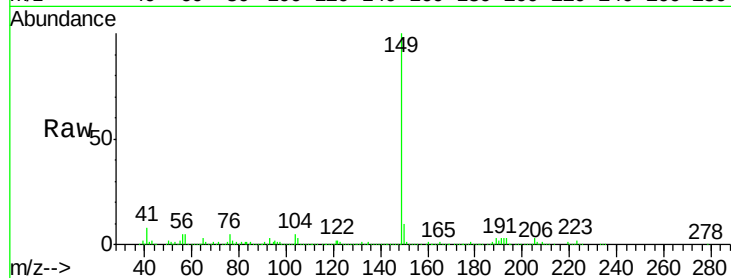
Tgt Ion:149 Resp: 477275

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

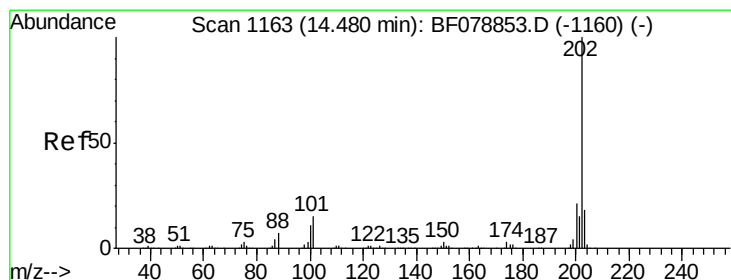
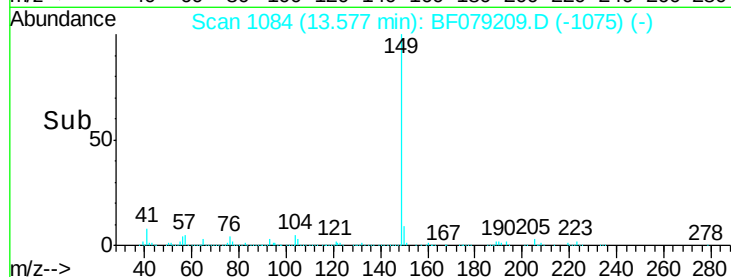
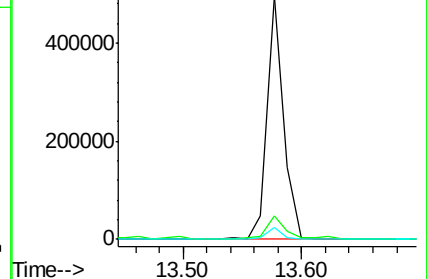
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 101.38 ng

RT: 14.34 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

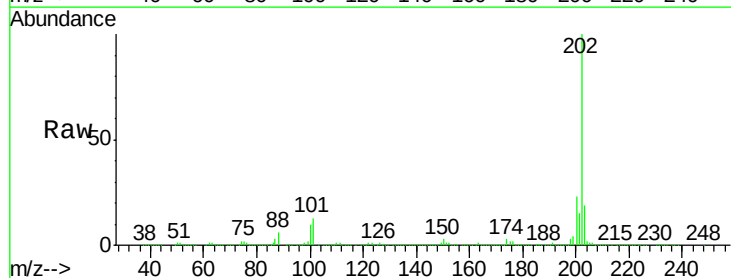
Tgt Ion:202 Resp: 1260464

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

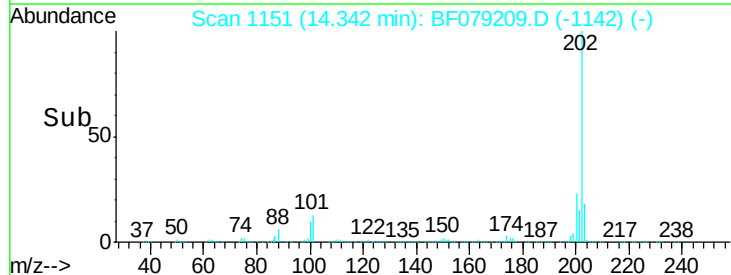
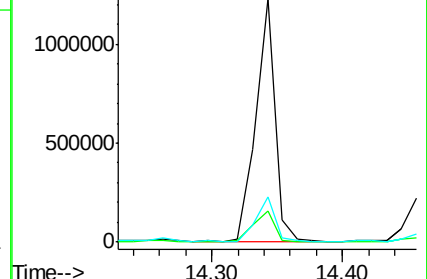
203 18.5 0.0 38.4

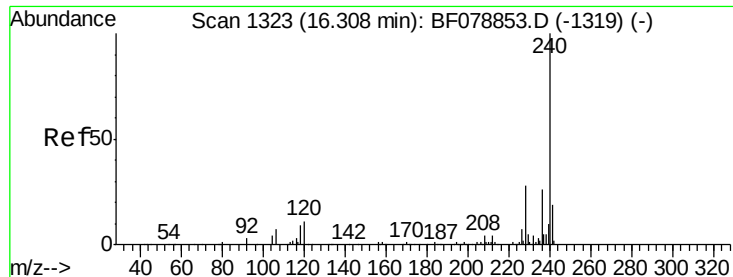


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.13 min Scan# 1307

Delta R.T. -0.03 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

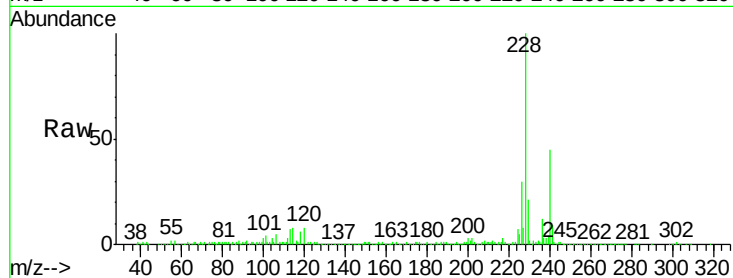
Tgt Ion:240 Resp: 209886

Ion Ratio Lower Upper

240 100

120 16.8 9.7 14.5#

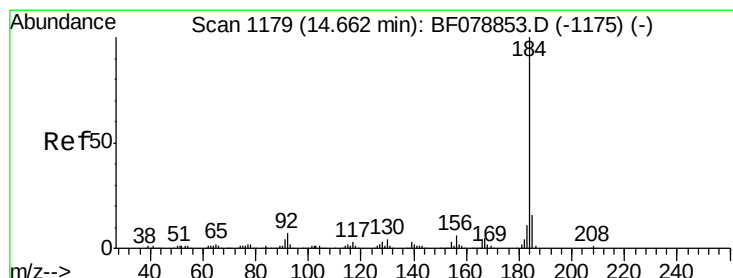
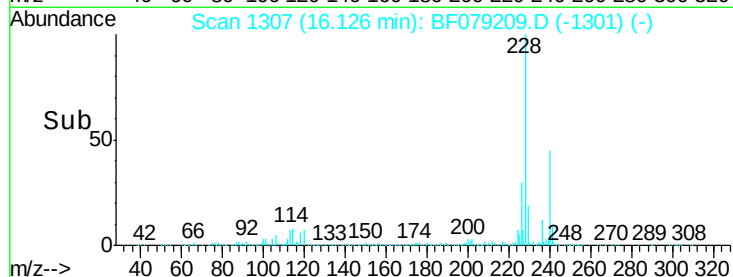
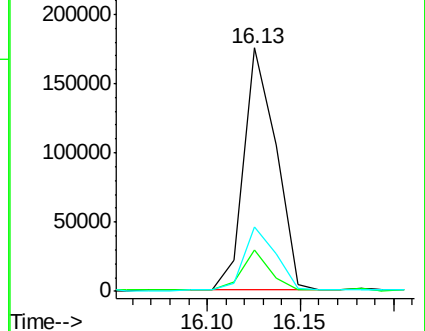
236 26.7 20.2 30.4



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: 51.30 ng

RT: 14.51 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

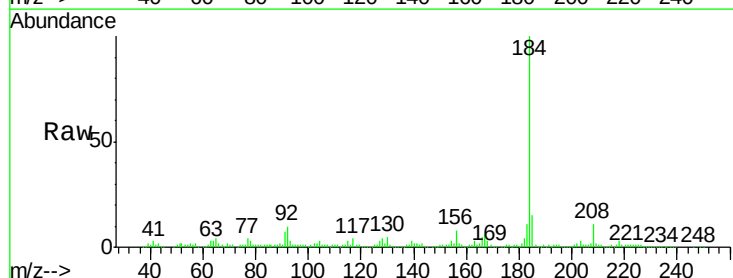
Tgt Ion:184 Resp: 290192

Ion Ratio Lower Upper

184 100

185 14.6 12.3 18.5

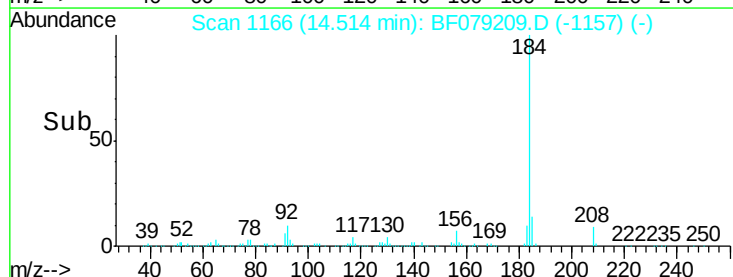
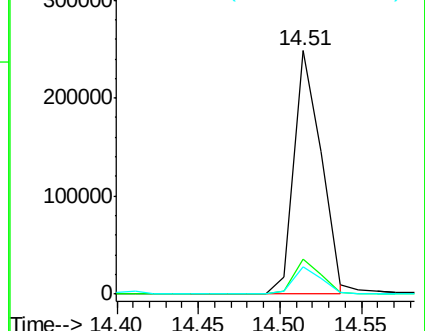
183 11.2 8.4 12.6

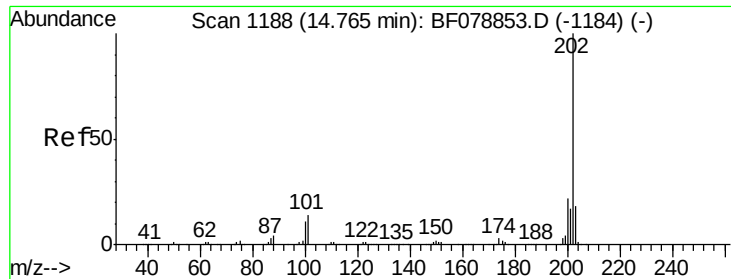


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

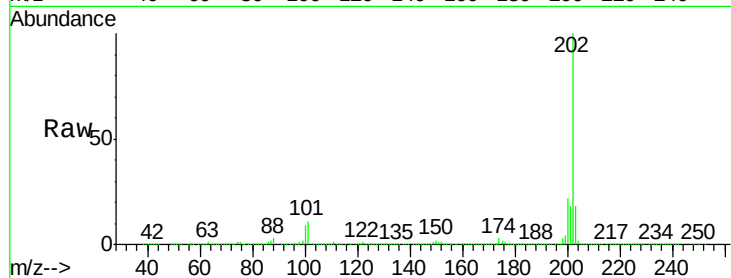




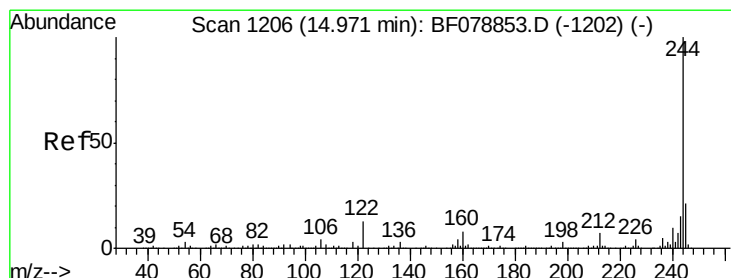
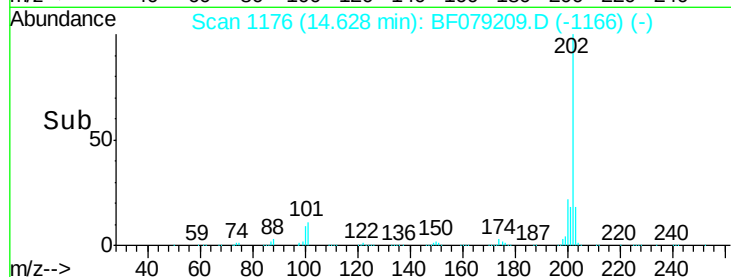
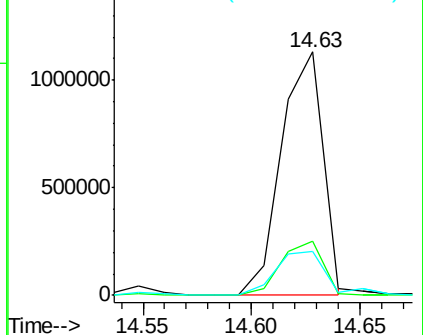
#77
 Pyrene
 Concen: 124.66 ng
 RT: 14.63 min Scan# 1176
 Delta R.T. 0.01 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion:202 Resp: 1507768
 Ion Ratio Lower Upper
 202 100
 200 22.2 17.5 26.3
 203 18.2 13.9 20.9

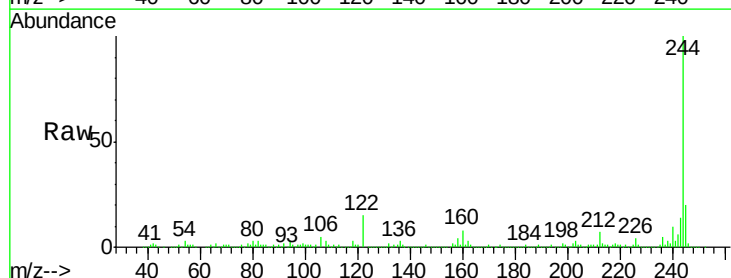


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

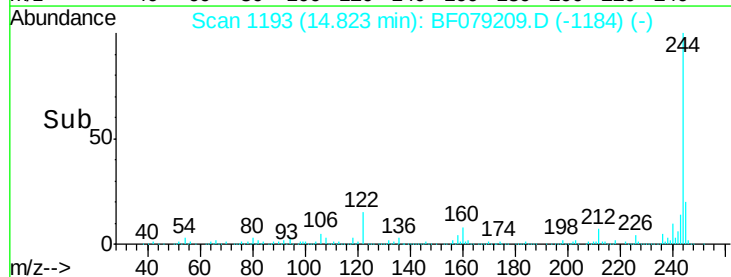
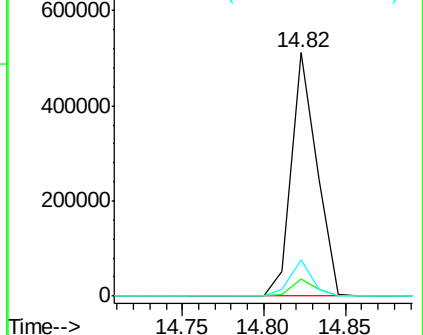


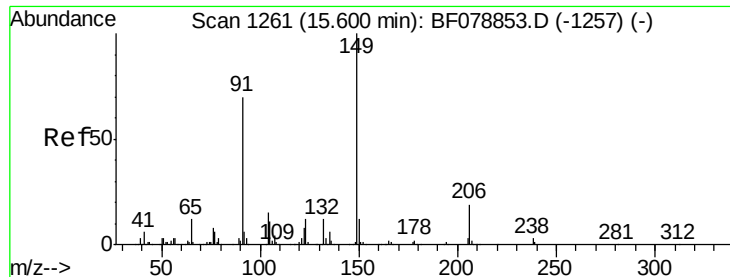
#78
 Terphenyl-d14
 Concen: 63.83 ng
 RT: 14.82 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:244 Resp: 559562
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 14.8 10.3 15.5



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

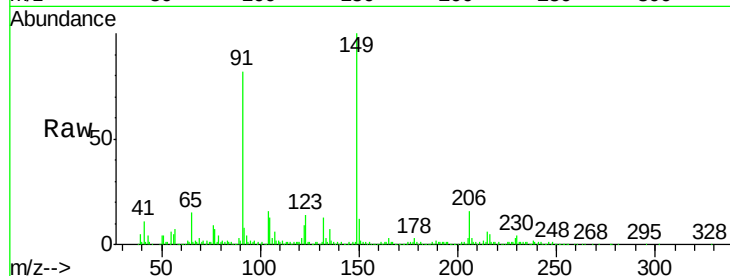




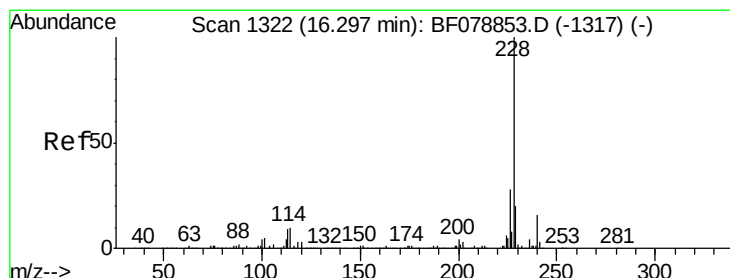
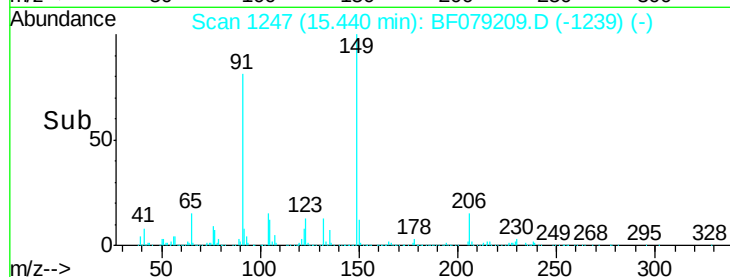
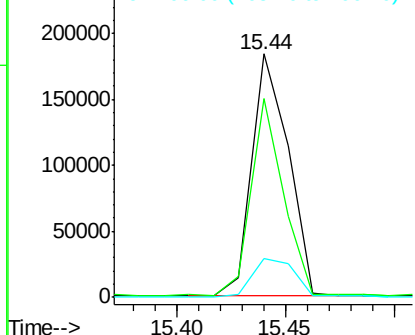
#79
Butylbenzylphthalate
Concen: 40.67 ng
RT: 15.44 min Scan# 1247
Delta R.T. -0.01 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	81.7	64.6	97.0
206	15.7	12.2	18.4

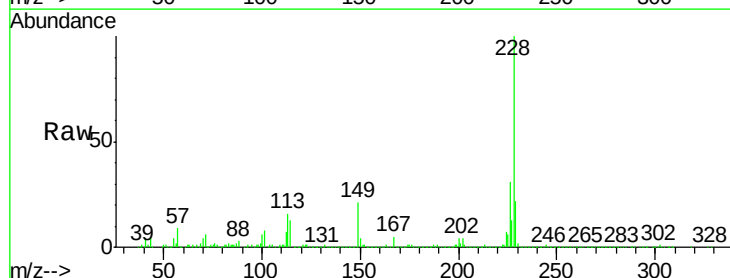


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

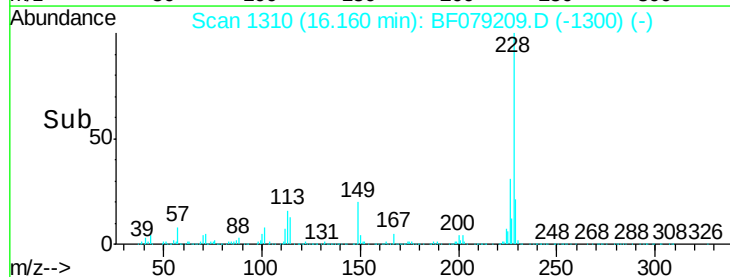
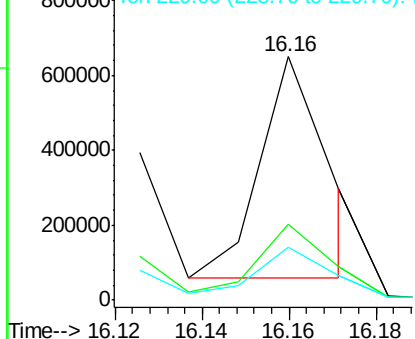


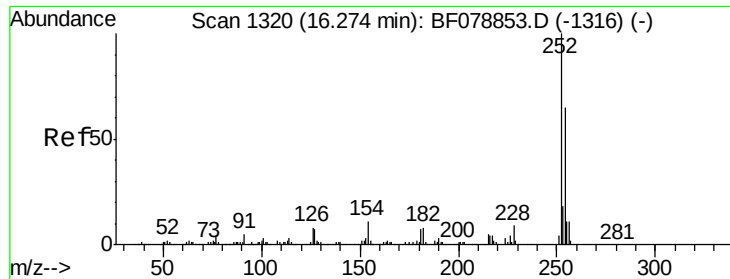
#80
Benzo(a)anthracene
Concen: 55.19 ng
RT: 16.16 min Scan# 1310
Delta R.T. 0.01 min
Lab File: BF079209.D
Acq: 13 May 2015 22:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	21.7	15.9	23.9



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

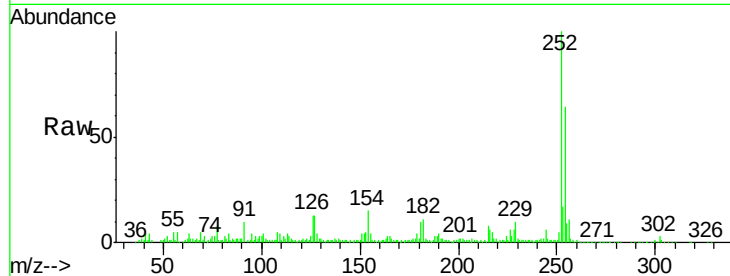




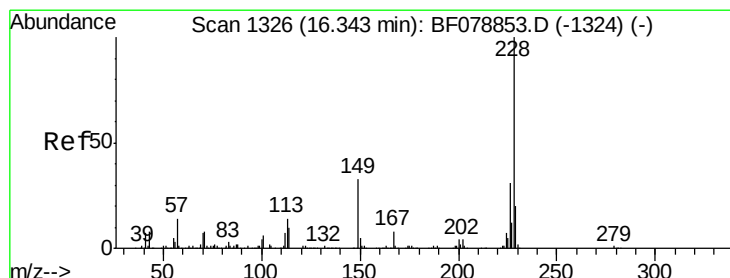
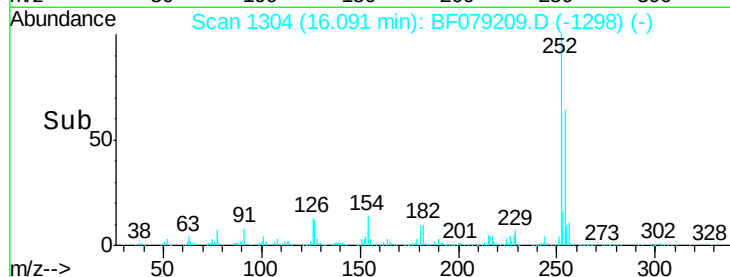
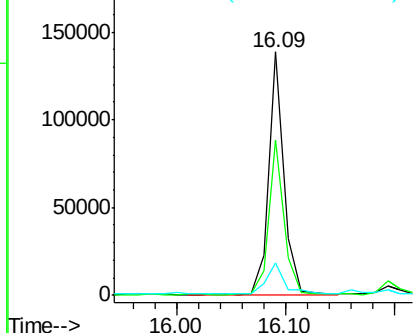
#81
 3,3'-Dichlorobenzidine
 Concen: 33.16 ng
 RT: 16.09 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

Tgt Ion:252 Resp: 135737
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.3 76.9
 126 13.1 6.6 10.0#

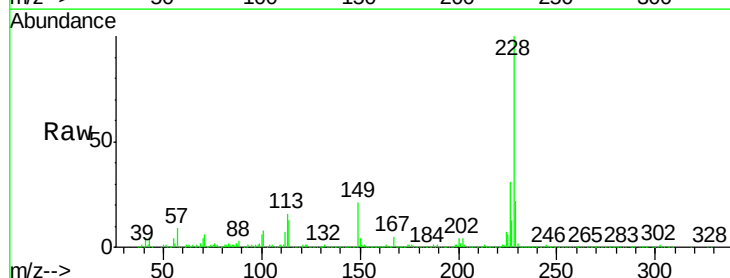


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

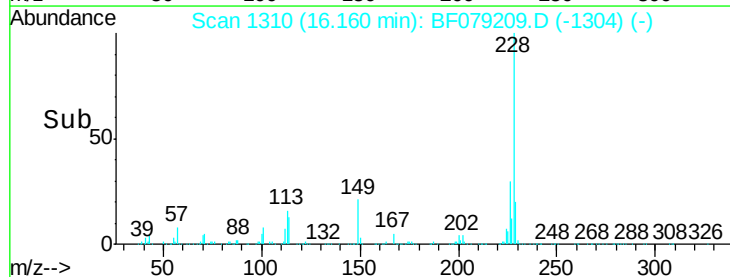
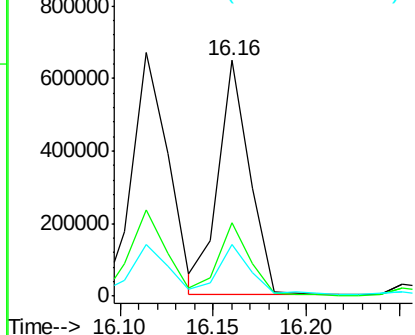


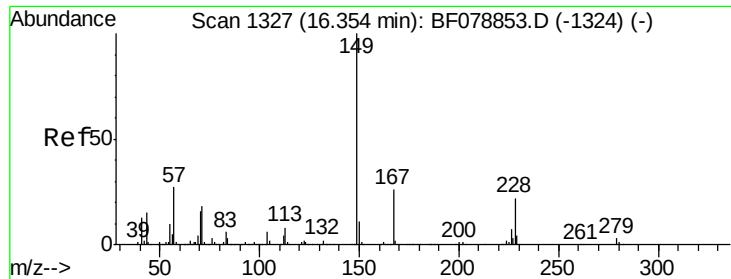
#82
 Chrysene
 Concen: 68.61 ng
 RT: 16.16 min Scan# 1310
 Delta R.T. -0.03 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion:228 Resp: 758466
 Ion Ratio Lower Upper
 228 100
 226 31.0 24.9 37.3
 229 21.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E

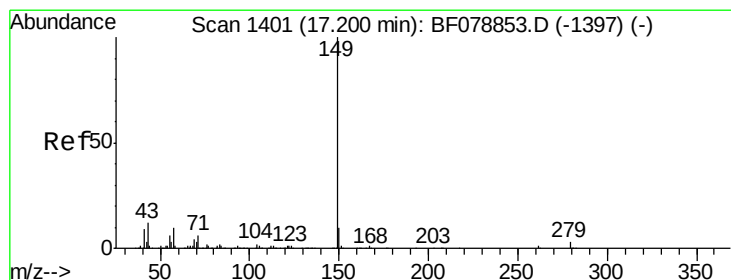
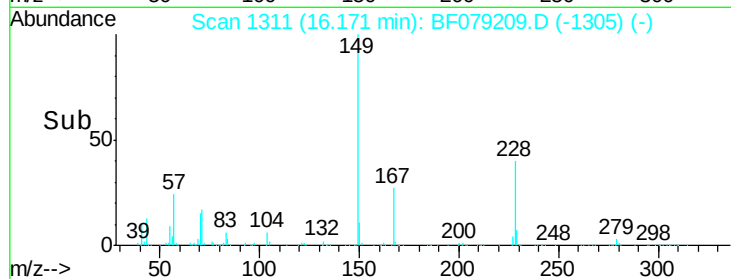
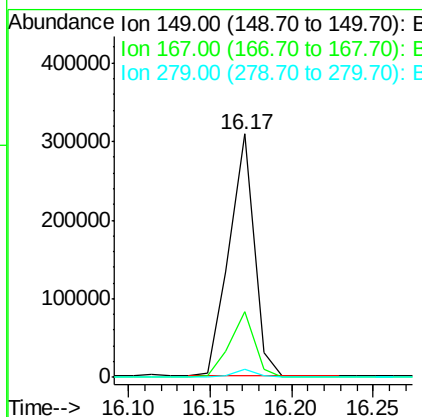
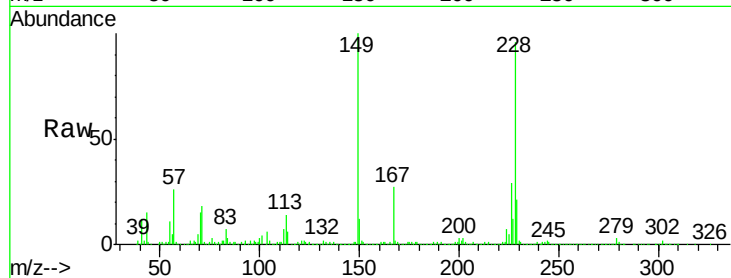




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.67 ng
 RT: 16.17 min Scan# 1311
 Delta R.T. -0.03 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

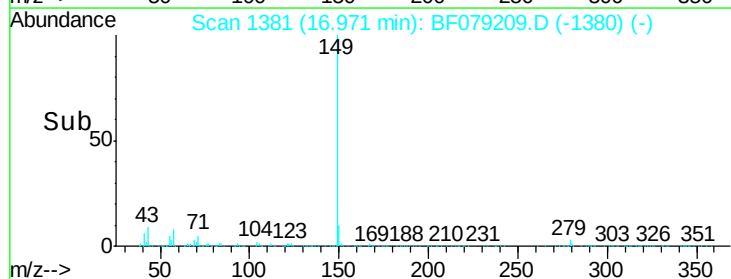
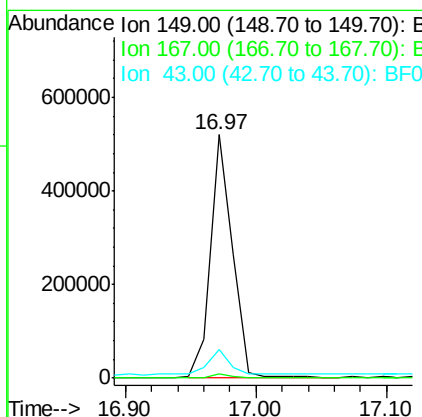
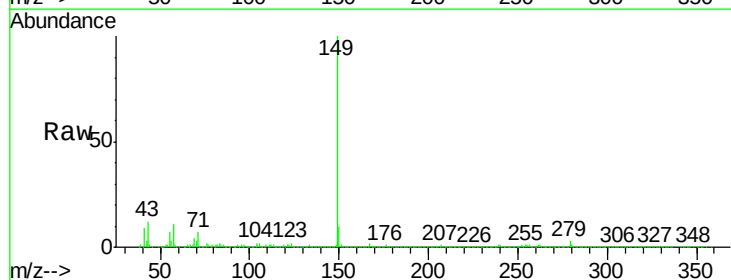
Instrument :
 BNA_F
 ClientSampleId :
 SB-41DMSD

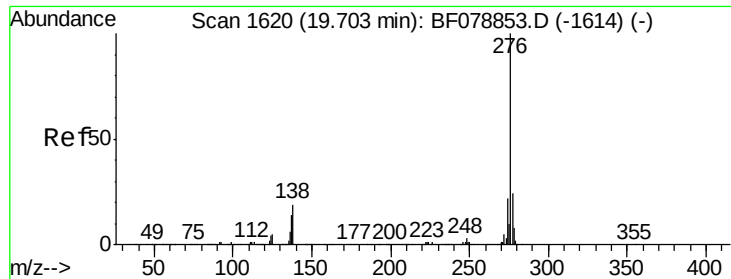
Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.8	32.8
279	3.3	2.9	4.3



#84
 Di-n-octyl phthalate
 Concen: 42.55 ng
 RT: 16.97 min Scan# 1381
 Delta R.T. -0.09 min
 Lab File: BF079209.D
 Acq: 13 May 2015 22:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.4	0.0	0.0#
43	9.5	0.0	0.0#





#85

Indeno(1,2,3-cd)pyrene

Concen: 56.20 ng

RT: 19.33 min Scan# 1587

Delta R.T. -0.16 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

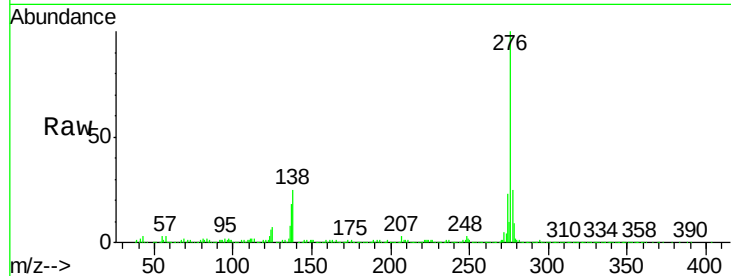
Tgt Ion:276 Resp: 791519

Ion Ratio Lower Upper

276 100

138 27.0 0.0 0.0#

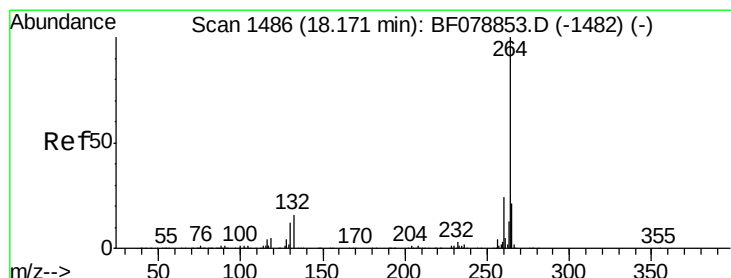
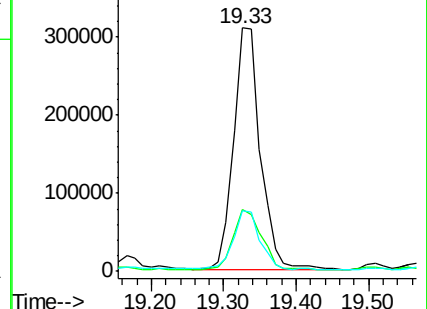
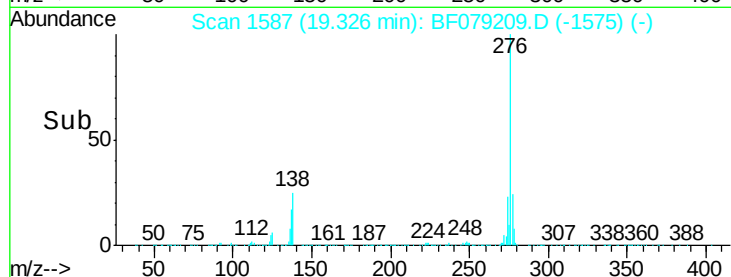
277 24.0 0.0 0.0#



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: 17.89 min Scan# 1461

Delta R.T. -0.14 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

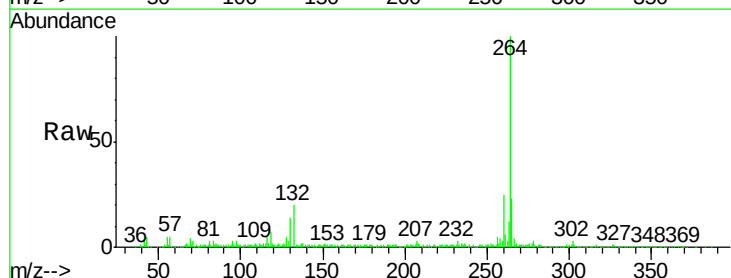
Tgt Ion:264 Resp: 269650

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.2

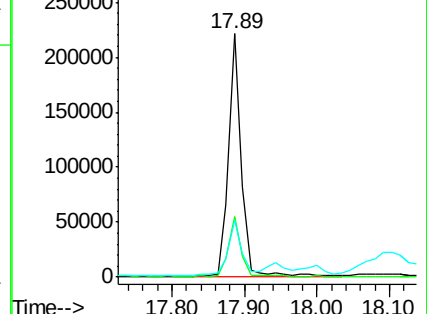
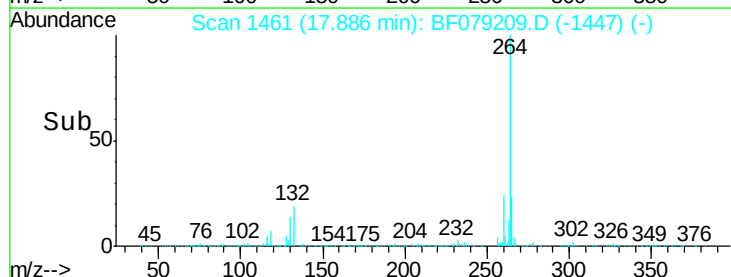
265 23.3 18.3 27.5

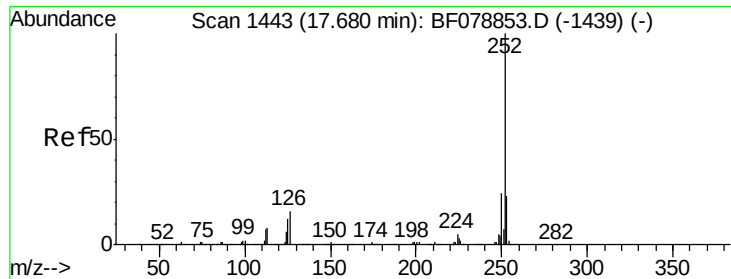


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 59.86 ng

RT: 17.44 min Scan# 1422

Delta R.T. -0.09 min

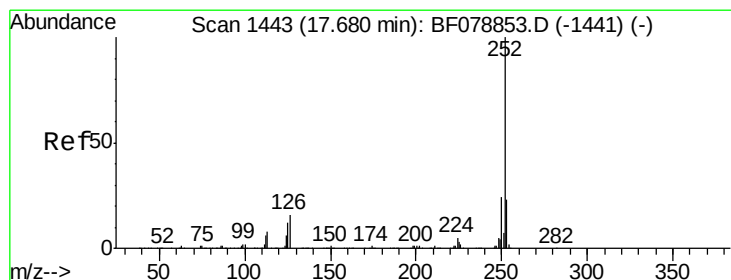
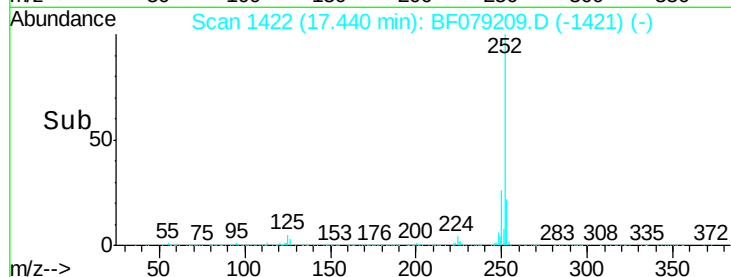
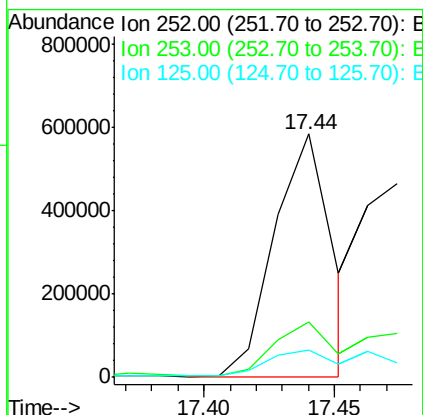
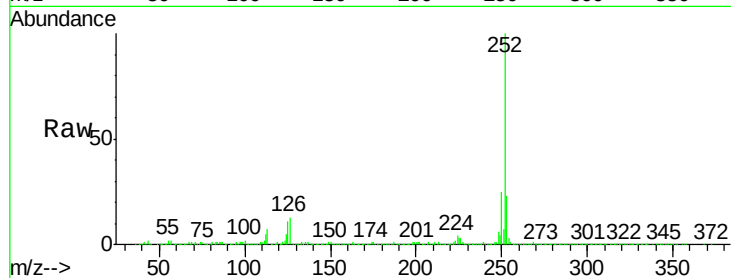
Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :
BNA_F
ClientSampleId :
SB-41DMSD

Tgt Ion:252 Resp: 883484

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.7	26.5
125	11.1	9.5	14.3



#88

Benzo(k)fluoranthene

Concen: 105.27 ng

RT: 17.44 min Scan# 1422

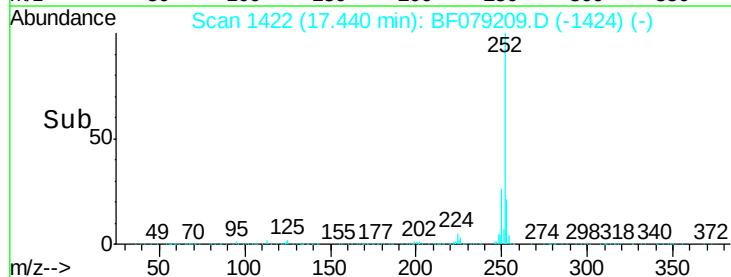
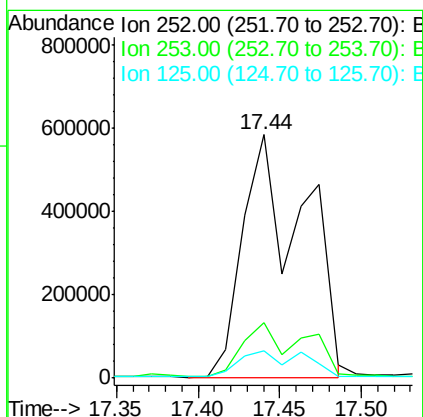
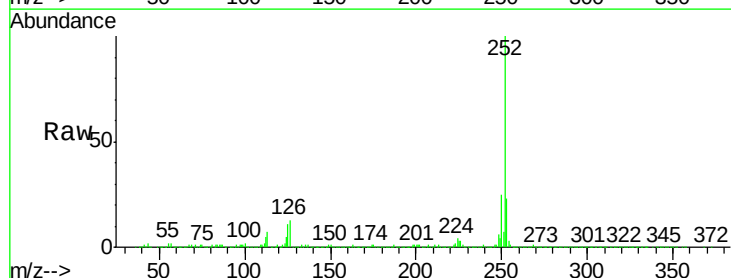
Delta R.T. -0.13 min

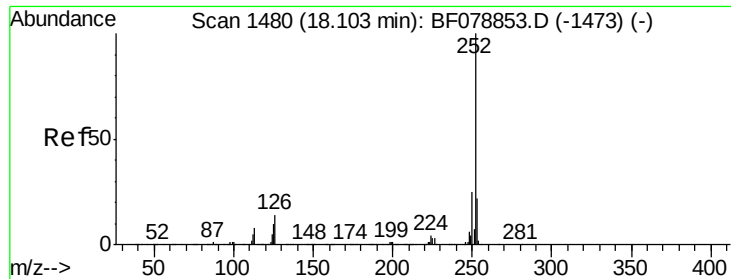
Lab File: BF079209.D

Acq: 13 May 2015 22:38

Tgt Ion:252 Resp: 1504149

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	11.1	10.0	15.0





#89

Benzo(a)pyrene

Concen: 62.35 ng

RT: 17.83 min Scan# 1456

Delta R.T. -0.13 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD

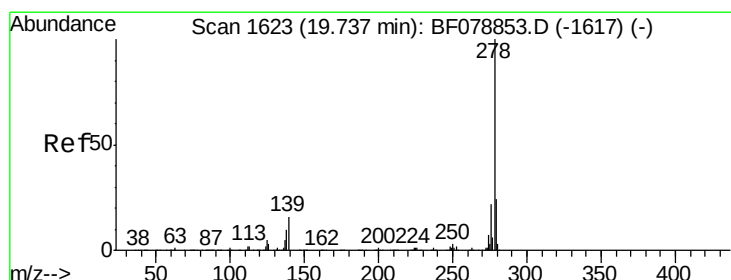
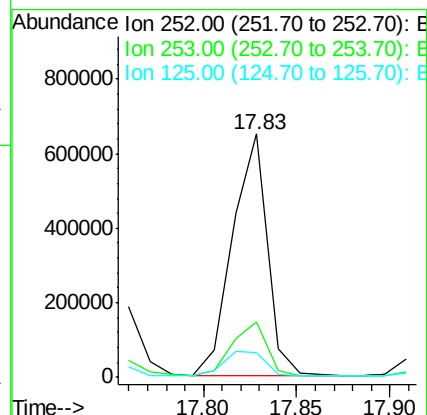
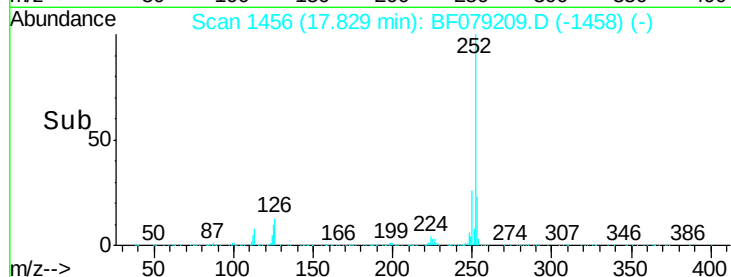
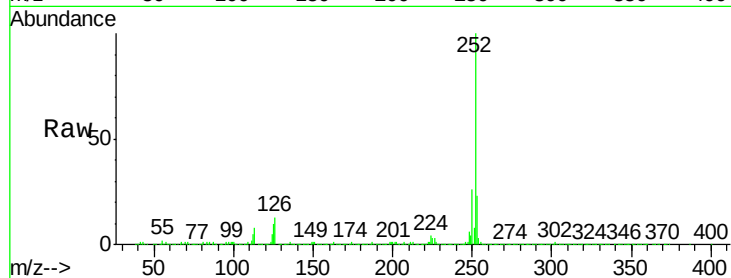
Tgt Ion:252 Resp: 847306

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

125 10.2 7.0 10.6



#90

Dibenzo(a,h)anthracene

Concen: 36.53 ng

RT: 19.35 min Scan# 1589

Delta R.T. -0.16 min

Lab File: BF079209.D

Acq: 13 May 2015 22:38

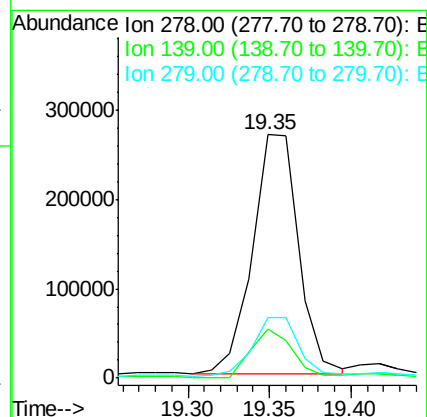
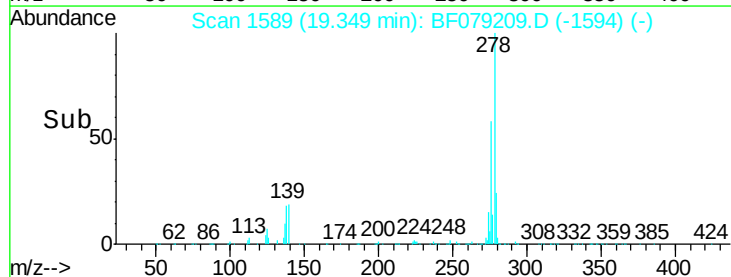
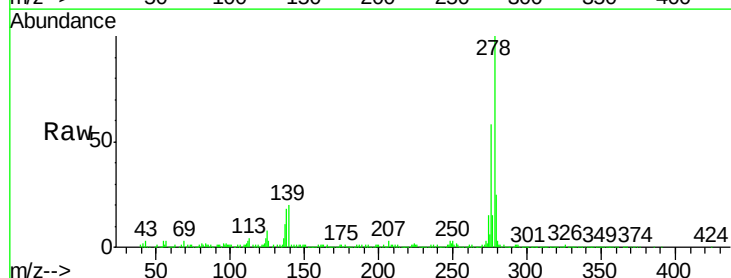
Tgt Ion:278 Resp: 527606

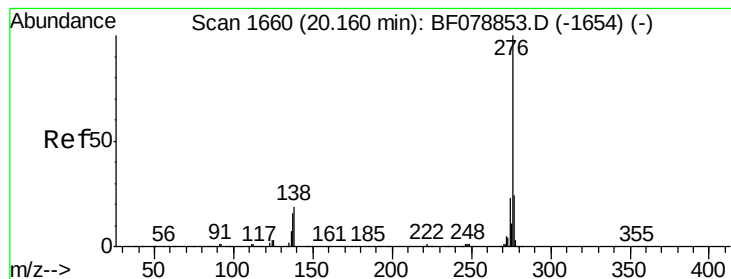
Ion Ratio Lower Upper

278 100

139 20.0 12.8 19.2#

279 24.8 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 46.28 ng

RT: 19.76 min Scan# 1625

Delta R.T. -0.15 min

Lab File: BF079209.D

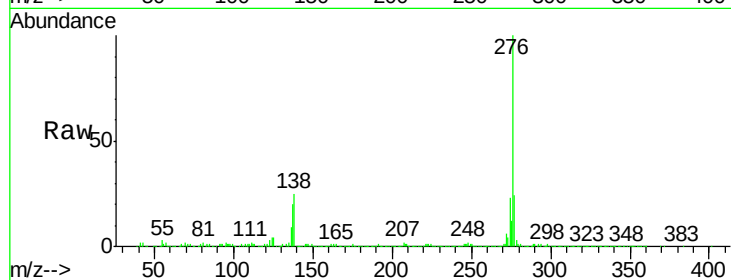
Acq: 13 May 2015 22:38

Instrument :

BNA_F

ClientSampleId :

SB-41DMSD



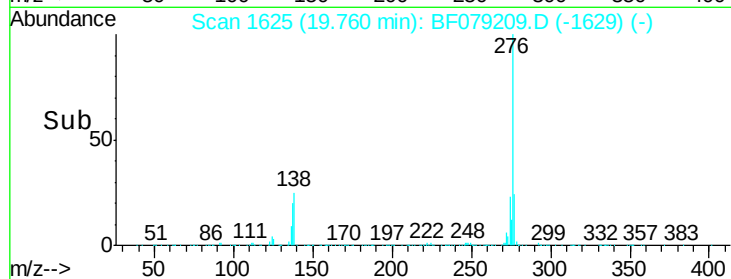
Tgt Ion: 276 Resp: 669902

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 24.9 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

