

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078310.D
 Acq On : 7 Apr 2015 20:59
 Operator : TP/IZ
 Sample : G1783-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Quant Time: Apr 08 01:23:09 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	33231	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	135564	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	67296	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	128234	20.00	ng	0.00
75) Chrysene-d12	15.77	240	137664	20.00	ng	-0.01
86) Perylene-d12	17.53	264	131654	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.20	112	242636	120.39	ng	0.00
7) Phenol-d6	6.53	99	326791	129.38	ng	0.00
23) Nitrobenzene-d5	7.63	82	184033	82.28	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	85815	153.76	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	401738	85.33	ng	0.00
78) Terphenyl-d14	14.49	244	474579	77.90	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.76	88	23956	26.29	ng	94
3) Pyridine	2.37	79	65748	27.54	ng	98
4) n-Nitrosodimethylamine	2.30	42	30966	33.70	ng	98
6) Aniline	6.52	93	112131	31.30	ng	94
8) 2-Chlorophenol	6.67	128	96180	40.36	ng	93
9) Benzaldehyde	6.37	77	39937	23.86	ng	98
10) Phenol	6.54	94	129872	42.91	ng	93
11) bis(2-Chloroethyl)ether	6.64	93	89377	41.07	ng	96
12) 1,3-Dichlorobenzene	6.85	146	95929	36.64	ng	# 93
13) 1,4-Dichlorobenzene	6.96	146	98101	37.23	ng	95
14) 1,2-Dichlorobenzene	7.14	146	91671	37.10	ng	# 93
15) Benzyl Alcohol	7.13	79	77114	43.44	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.31	45	119462	41.15	ng	96
17) 2-Methylphenol	7.29	107	74242	40.12	ng	94
18) Hexachloroethane	7.55	117	34924	39.30	ng	# 84
19) n-Nitroso-di-n-propylamine	7.46	70	66507	39.91	ng	# 83
20) 3+4-Methylphenols	7.49	107	105575	42.77	ng	93
22) Acetophenone	7.45	105	134929	42.72	ng	# 91
24) Nitrobenzene	7.65	77	96733	41.37	ng	# 84
25) Isophorone	7.96	82	179252	42.23	ng	99
26) 2-Nitrophenol	8.05	139	47781	42.88	ng	96
27) 2,4-Dimethylphenol	8.13	122	88615	42.77	ng	97
28) bis(2-Chloroethoxy)methane	8.25	93	117503	43.17	ng	99
29) 2,4-Dichlorophenol	8.36	162	81676	43.33	ng	98
30) 1,2,4-Trichlorobenzene	8.44	180	83871	38.81	ng	97
31) Naphthalene	8.53	128	281795	39.94	ng	99
32) Benzoic acid	8.27	122	57581	57.76	ng	99
33) 4-Chloroaniline	8.62	127	107432	36.69	ng	98
34) Hexachlorobutadiene	8.69	225	47184	39.76	ng	98
35) Caprolactam	9.05	113	25524	45.37	ng	97
36) 4-Chloro-3-methylphenol	9.25	107	84191	44.27	ng	# 78
37) 2-Methylnaphthalene	9.39	142	194685	40.64	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	83157	39.88	ng	97
40) Hexachlorocyclopentadiene	9.58	237	78741	87.06	ng	98

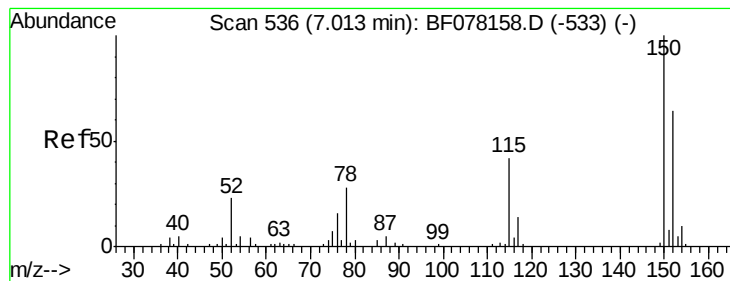
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078310.D
 Acq On : 7 Apr 2015 20:59
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	61442	46.72	ng	99
43) 2,4,5-Trichlorophenol	9.80	196	63571	46.27	ng	96
45) 1,1'-Biphenyl	9.97	154	231290	42.02	ng	97
46) 2-Chloronaphthalene	10.00	162	184690	42.64	ng	95
47) 2-Nitroaniline	10.13	65	53081	49.54	ng	86
48) Acenaphthylene	10.50	152	296886	42.45	ng	99
49) Dimethylphthalate	10.37	163	243673	48.20	ng	99
50) 2,6-Dinitrotoluene	10.44	165	45012	43.27	ng	# 48
51) Acenaphthene	10.72	154	173358	44.03	ng	100
52) 3-Nitroaniline	10.65	138	51015	43.13	ng	92
53) 2,4-Dinitrophenol	10.78	184	38845	90.30	ng	# 83
54) Dibenzofuran	10.93	168	264091	43.91	ng	94
55) 4-Nitrophenol	10.89	139	78825	90.15	ng	84
56) 2,4-Dinitrotoluene	10.93	165	62019	46.04	ng	# 53
57) Fluorene	11.35	166	216033	44.31	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.09	232	50414	49.50	ng	# 100
59) Diethylphthalate	11.25	149	217685	44.65	ng	99
60) 4-Chlorophenyl-phenylether	11.37	204	99925	44.56	ng	# 90
61) 4-Nitroaniline	11.40	138	47339	39.59	ng	88
62) Azobenzene	11.56	77	248422	55.84	ng	89
64) 4,6-Dinitro-2-methylphenol	11.44	198	28055	44.77	ng	# 67
65) n-Nitrosodiphenylamine	11.52	169	185798	41.89	ng	98
66) 4-Bromophenyl-phenylether	11.96	248	59148	43.55	ng	92
67) Hexachlorobenzene	12.02	284	65082	43.73	ng	98
68) Atrazine	12.20	200	62122	48.35	ng	98
69) Pentachlorophenol	12.28	266	65479	97.36	ng	98
70) Phenanthrene	12.53	178	321426	43.33	ng	99
71) Anthracene	12.59	178	315172	43.12	ng	99
72) Carbazole	12.81	167	300714	43.90	ng	99
73) Di-n-butylphthalate	13.28	149	366594	47.24	ng	99
74) Fluoranthene	14.00	202	354051	45.26	ng	94
76) Benzidine	14.19	184	143447	27.06	ng	98
77) Pyrene	14.27	202	362751	41.98	ng	98
79) Butylbenzylphthalate	15.12	149	161943	49.17	ng	94
80) Benzo(a)anthracene	15.76	228	339691	41.47	ng	99
81) 3,3'-Dichlorobenzidine	15.75	252	115947	42.27	ng	# 95
82) Chrysene	15.80	228	326934	42.48	ng	99
83) Bis(2-ethylhexyl)phthalate	15.85	149	248834	48.17	ng	# 97
84) Di-n-octyl phthalate	16.65	149	425498	50.16	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.82	276	376292	43.09	ng	# 86
87) Benzo(b)fluoranthene	17.07	252	371126	45.61	ng	# 97
88) Benzo(k)fluoranthene	17.07	252	371108	51.32	ng	97
89) Benzo(a)pyrene	17.46	252	318419	44.84	ng	# 97
90) Dibenzo(a,h)anthracene	18.84	278	298732	42.02	ng	# 94
91) Benzo(g,h,i)perylene	19.19	276	303645	42.60	ng	98

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

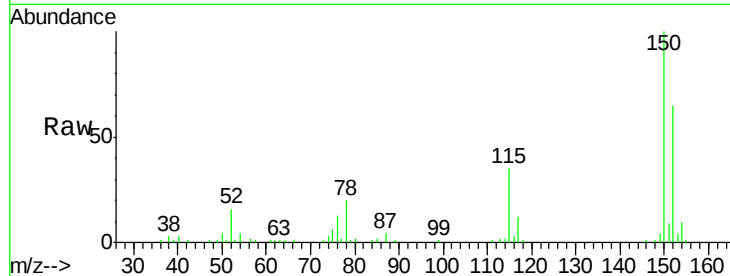


#1

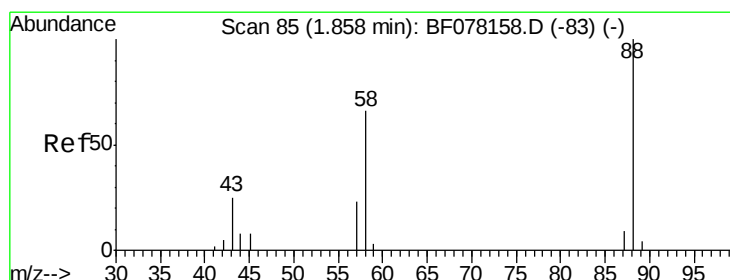
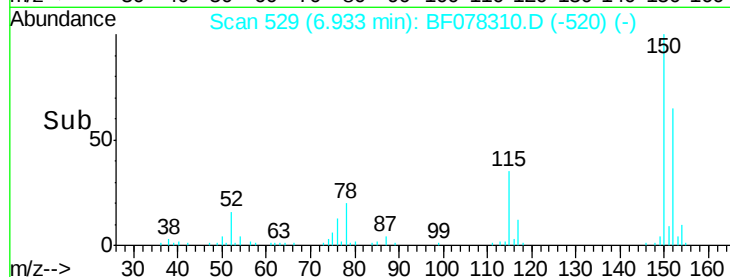
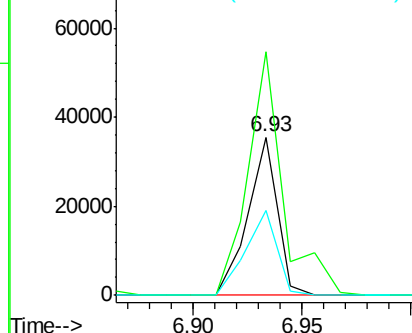
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.93 min Scan# 529
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:152 Resp: 33231
Ion Ratio Lower Upper
152 100
150 154.3 125.9 188.9
115 54.2 52.7 79.1



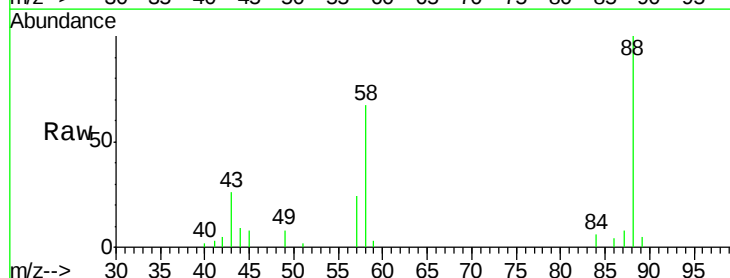
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



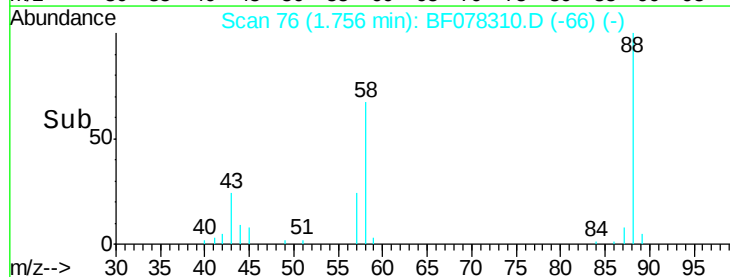
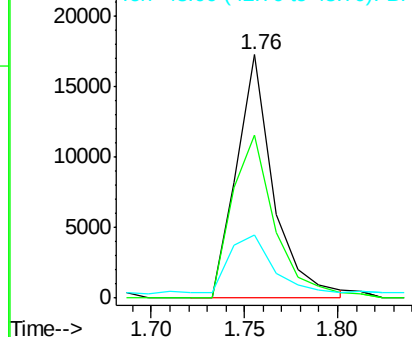
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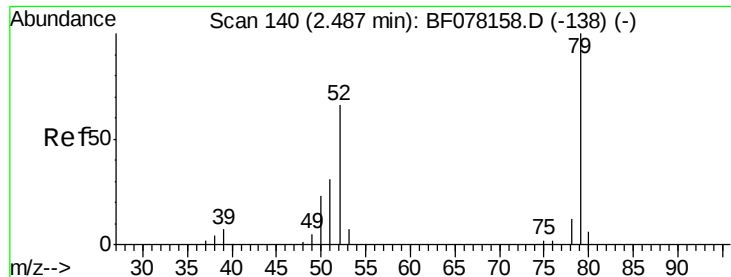
1,4-Dioxane
Concen: 26.29 ng
RT: 1.76 min Scan# 76
Delta R.T. 0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 88 Resp: 23956
Ion Ratio Lower Upper
88 100
58 76.8 56.9 85.3
43 29.0 21.4 32.2



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: 27.54 ng

RT: 2.37 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

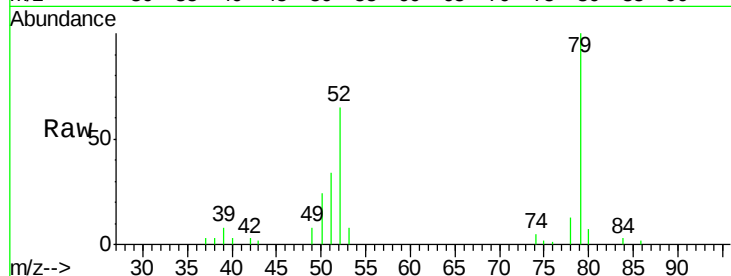
Tgt Ion: 79 Resp: 65748

Ion Ratio Lower Upper

79 100

52 64.9 52.4 78.6

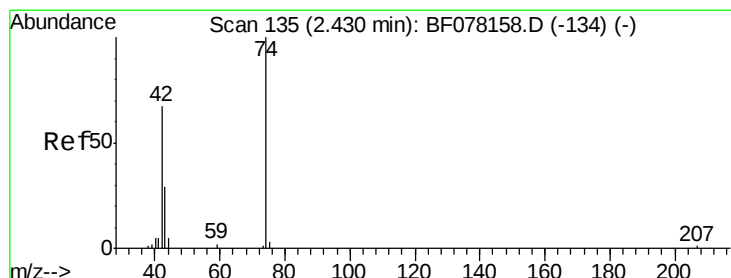
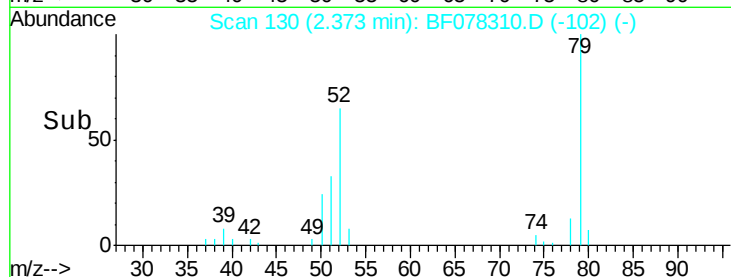
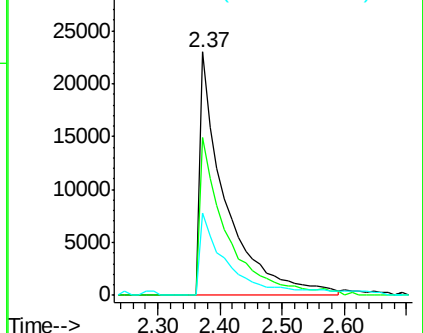
51 34.1 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.70 ng

RT: 2.30 min Scan# 124

Delta R.T. 0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

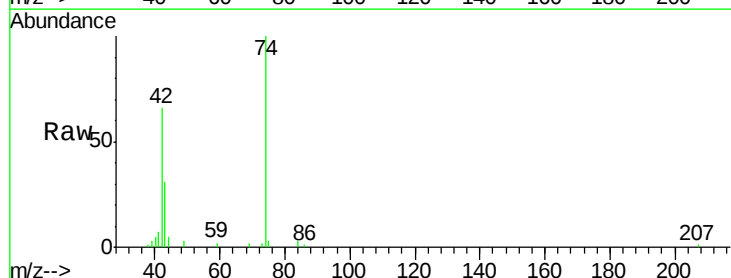
Tgt Ion: 42 Resp: 30966

Ion Ratio Lower Upper

42 100

74 151.4 118.7 178.1

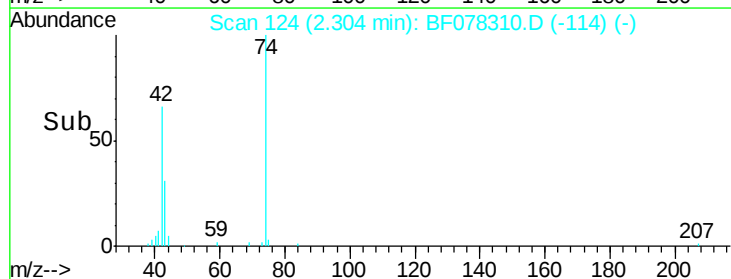
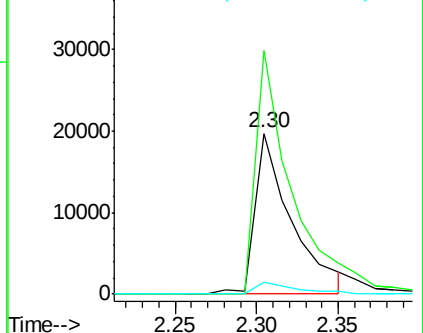
44 7.8 5.9 8.9

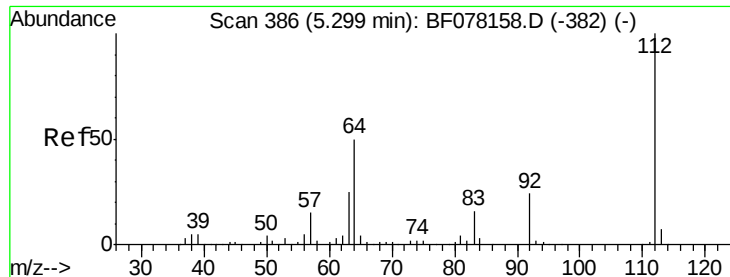


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 120.39 ng

RT: 5.20 min Scan# 377

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

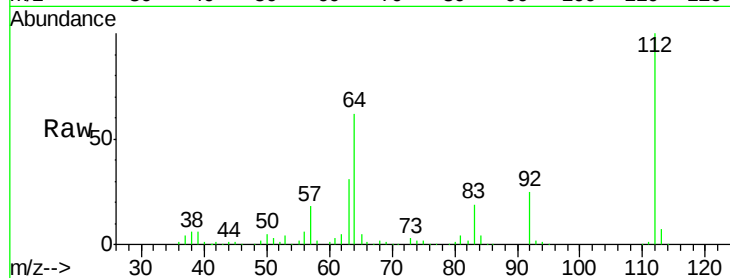
Tgt Ion: 112 Resp: 242636

Ion Ratio Lower Upper

112 100

64 61.6 39.9 59.9#

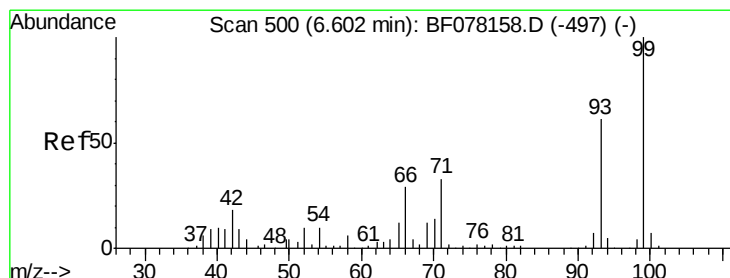
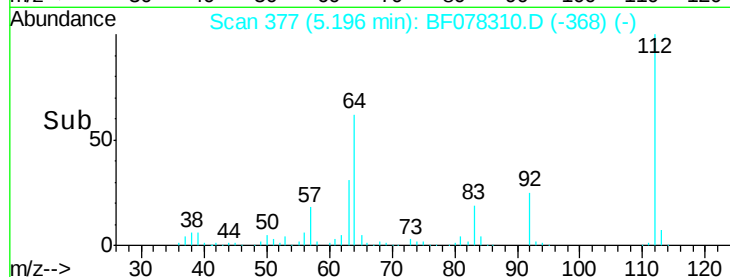
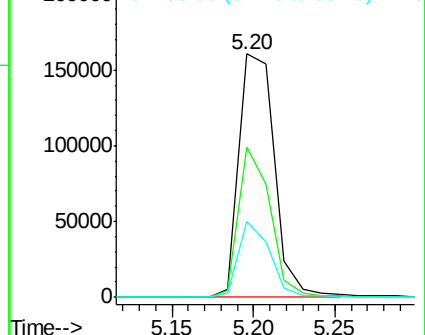
63 31.3 20.2 30.4#



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: 31.30 ng

RT: 6.52 min Scan# 493

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

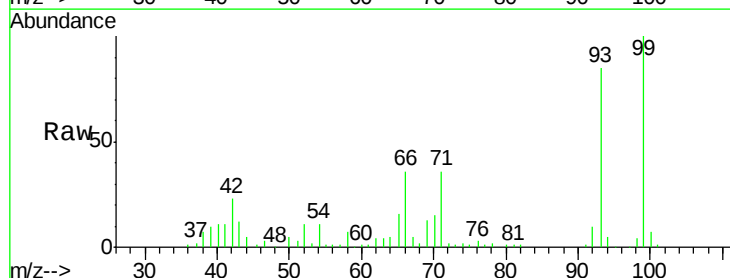
Tgt Ion: 93 Resp: 112131

Ion Ratio Lower Upper

93 100

66 42.4 38.0 57.0

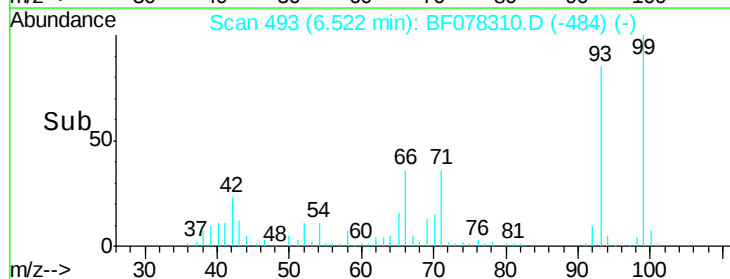
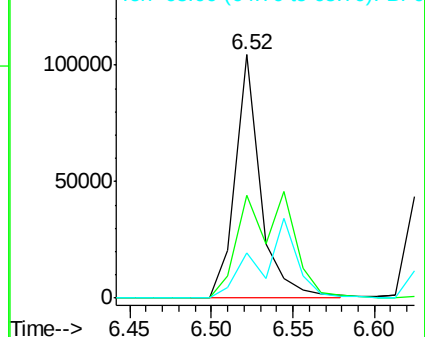
65 18.8 16.3 24.5

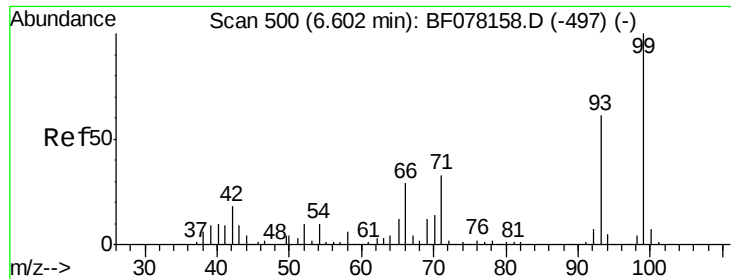


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 129.38 ng

RT: 6.53 min Scan# 494

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

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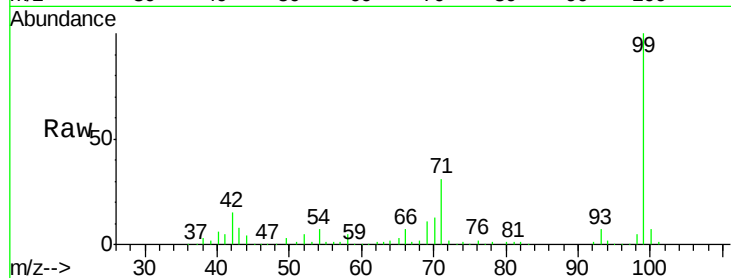
Tgt Ion: 99 Resp: 326791

Ion Ratio Lower Upper

99 100

42 15.0 14.8 22.2

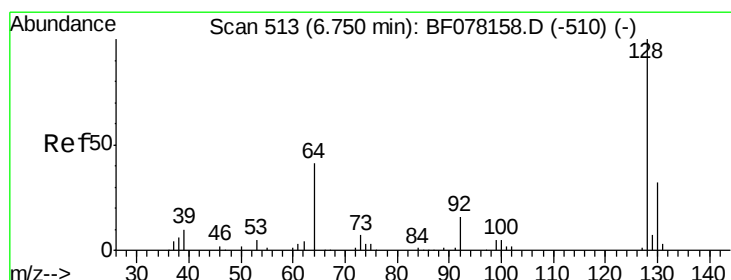
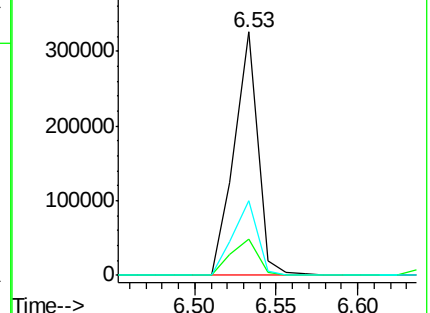
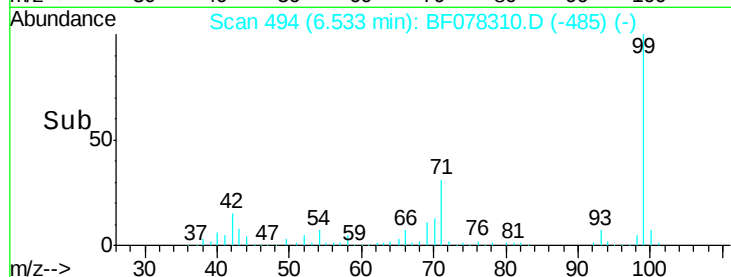
71 30.6 26.6 39.8



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: 40.36 ng

RT: 6.67 min Scan# 506

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

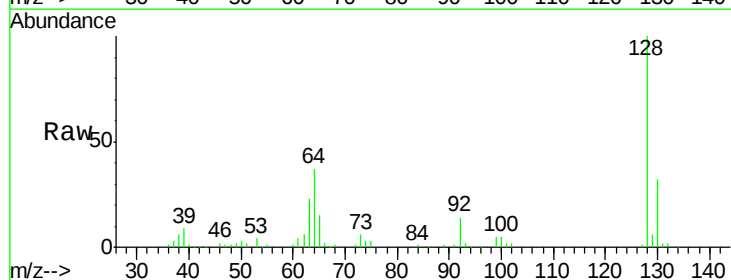
Tgt Ion: 128 Resp: 96180

Ion Ratio Lower Upper

128 100

130 31.7 12.3 52.3

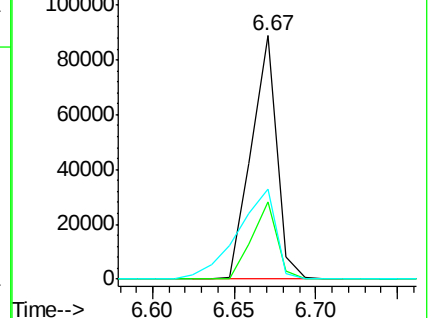
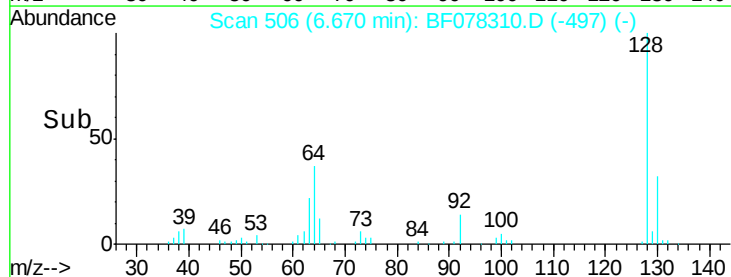
64 36.7 23.8 63.8

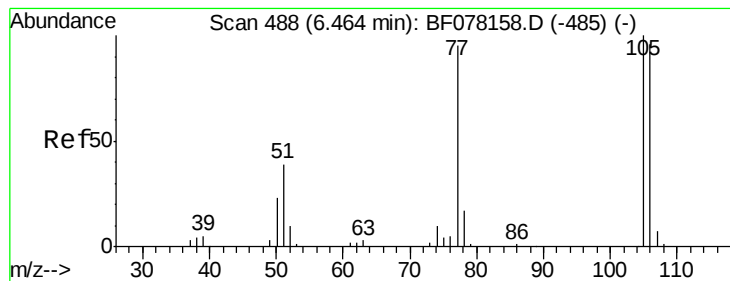


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 23.86 ng

RT: 6.37 min Scan# 480

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

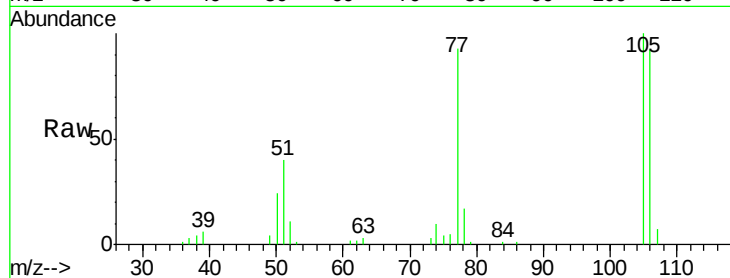
Tgt Ion: 77 Resp: 39937

Ion Ratio Lower Upper

77 100

105 107.1 85.4 125.4

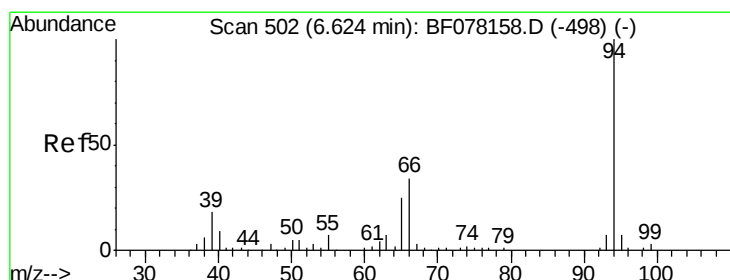
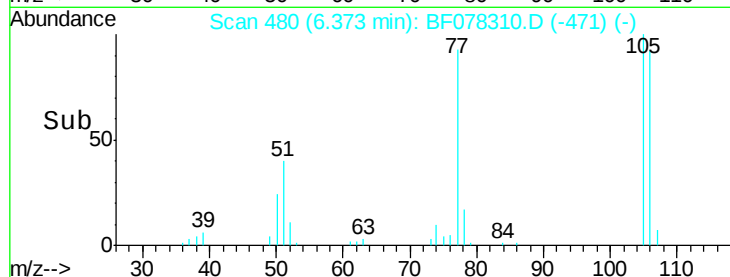
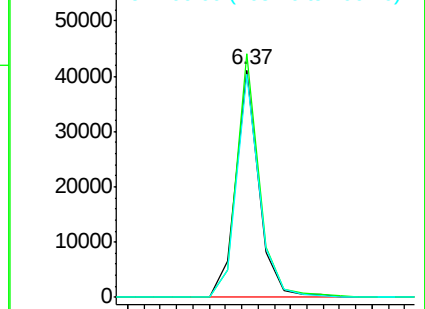
106 98.3 80.8 120.8



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: 42.91 ng

RT: 6.54 min Scan# 495

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

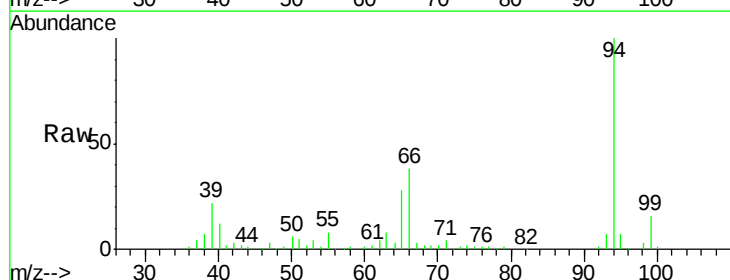
Tgt Ion: 94 Resp: 129872

Ion Ratio Lower Upper

94 100

65 28.0 4.9 44.9

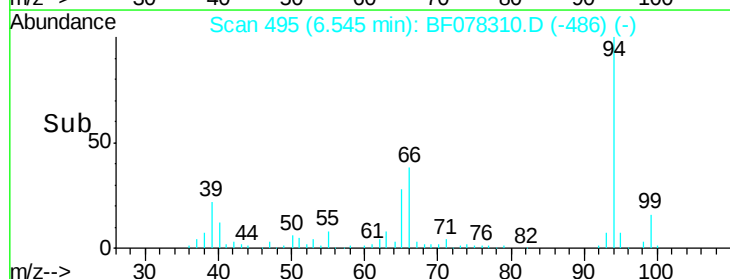
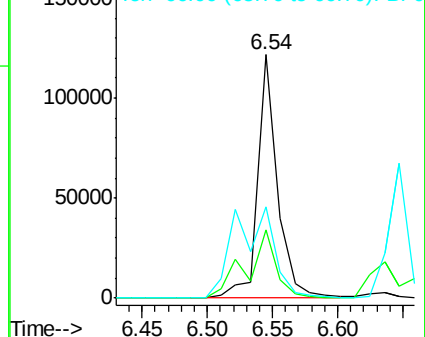
66 37.6 13.8 53.8

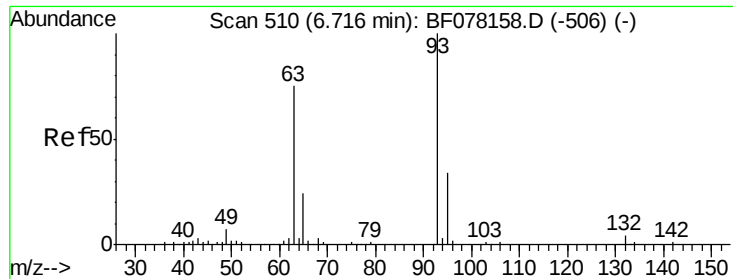


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

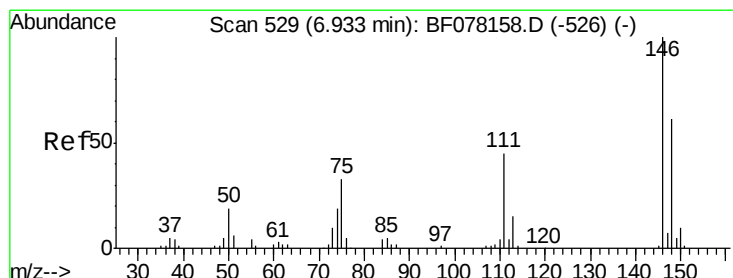
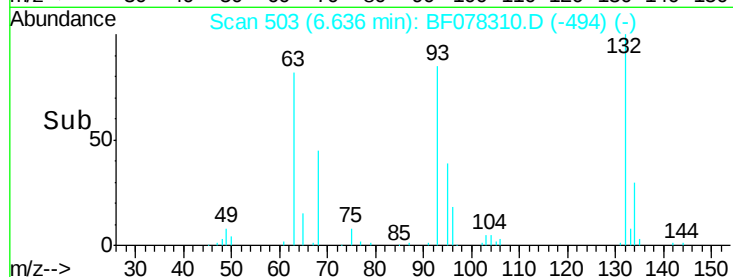
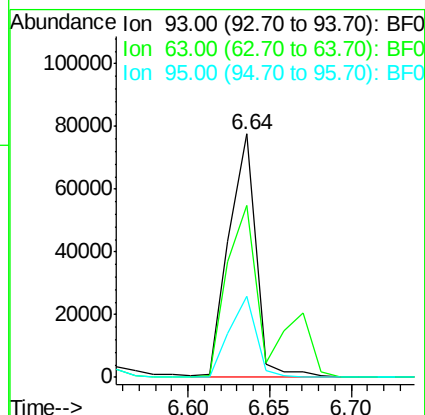
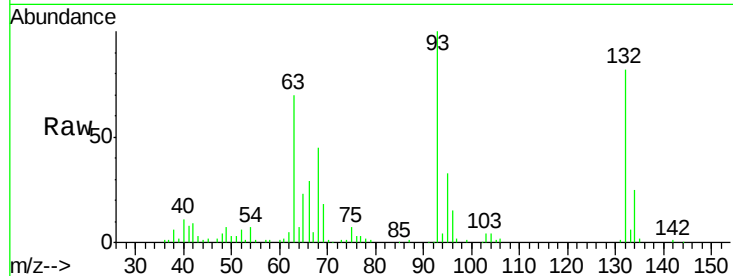




#11
bis(2-Chloroethyl)ether
Concen: 41.07 ng
RT: 6.64 min Scan# 503
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

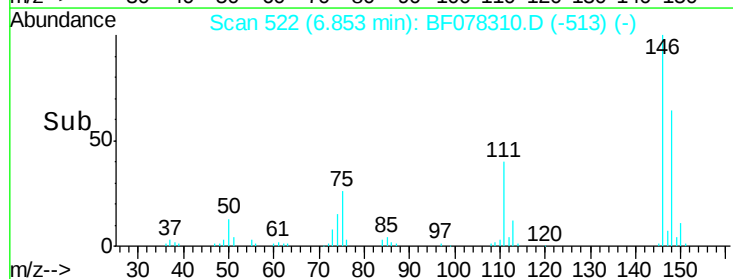
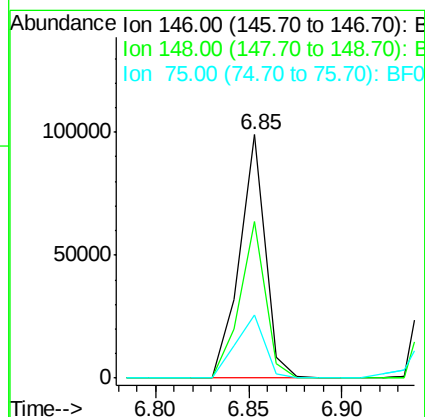
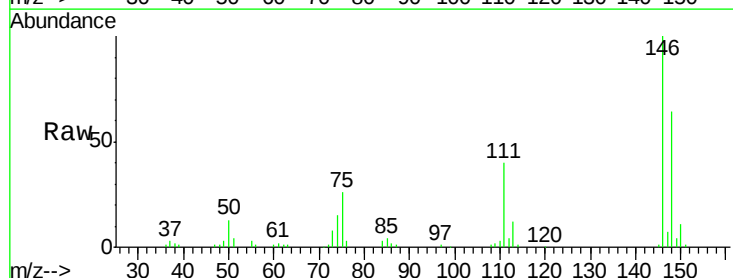
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

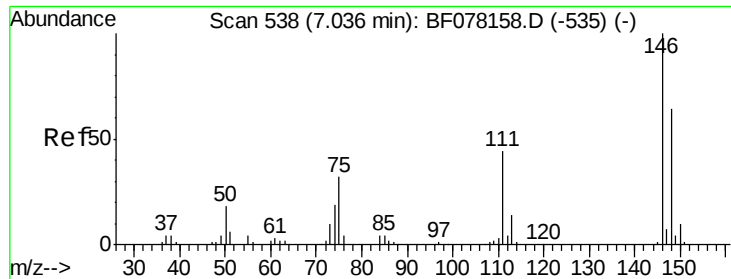
Tgt Ion: 93 Resp: 89377
Ion Ratio Lower Upper
93 100
63 70.4 54.6 94.6
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 36.64 ng
RT: 6.85 min Scan# 522
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 146 Resp: 95929
Ion Ratio Lower Upper
146 100
148 64.4 49.1 73.7
75 25.7 26.6 40.0#

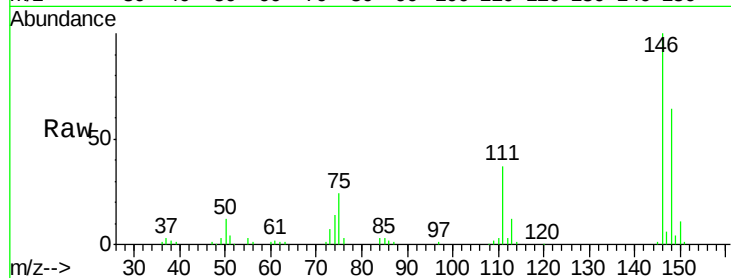




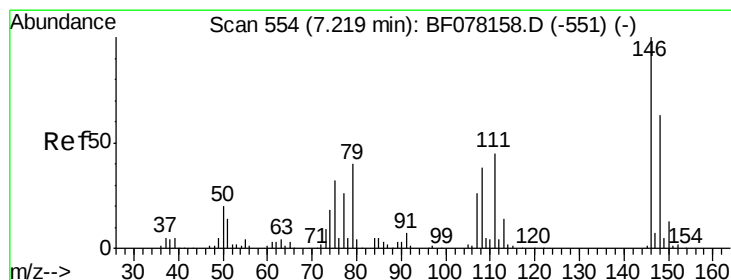
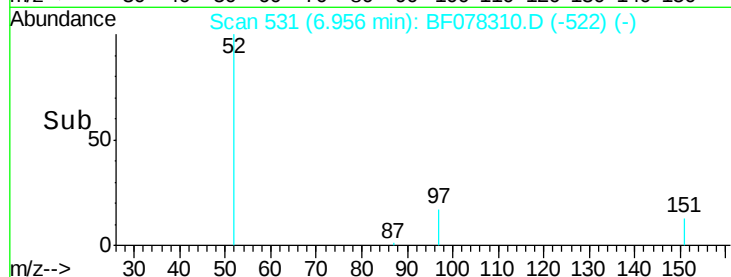
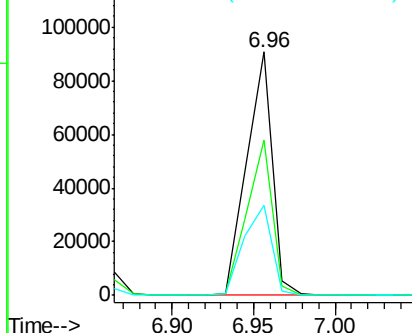
#13
 1,4-Dichlorobenzene
 Concen: 37.23 ng
 RT: 6.96 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tgt Ion:146 Resp: 98101
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.4 77.0
 111 36.9 35.0 52.4

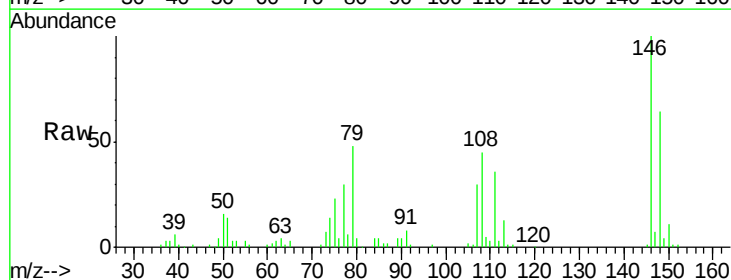


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

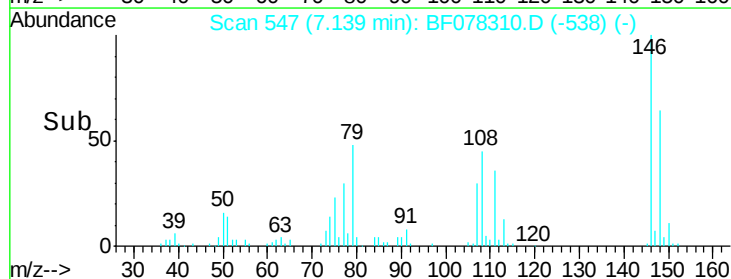
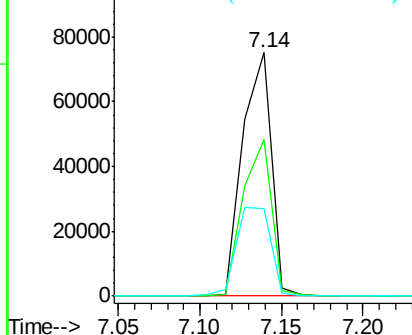


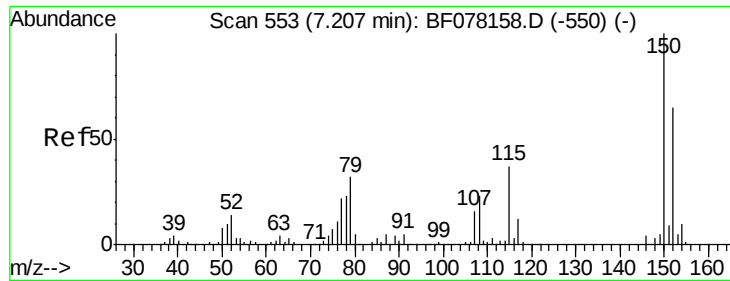
#14
 1,2-Dichlorobenzene
 Concen: 37.10 ng
 RT: 7.14 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:146 Resp: 91671
 Ion Ratio Lower Upper
 146 100
 148 64.1 50.2 75.4
 111 36.0 36.1 54.1#



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

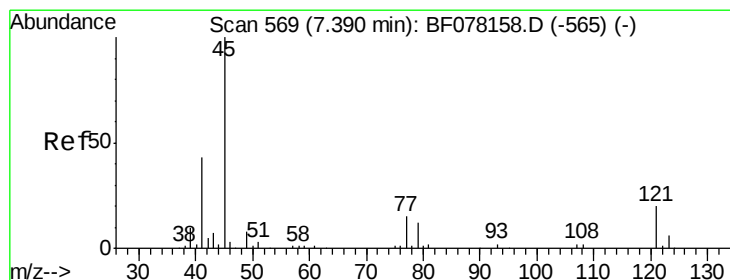
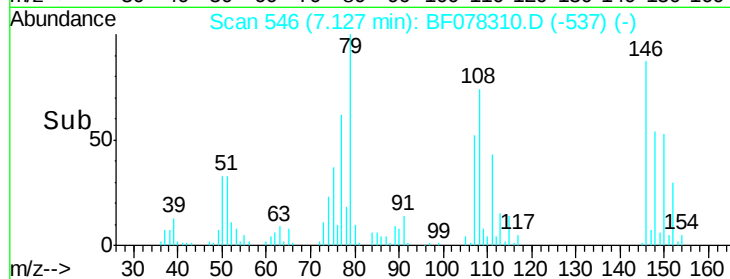
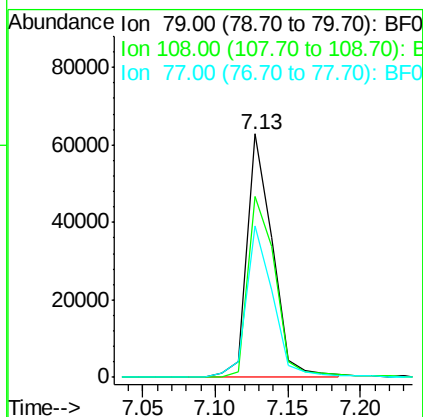
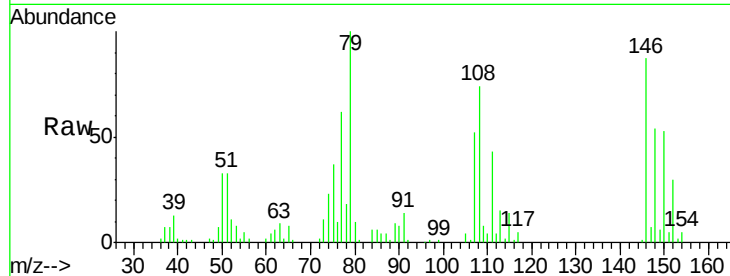




#15
Benzyl Alcohol
Concen: 43.44 ng
RT: 7.13 min Scan# 546
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

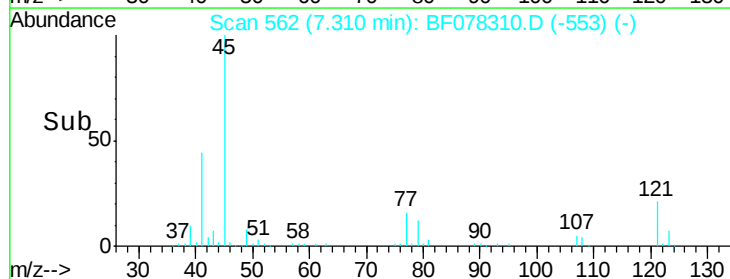
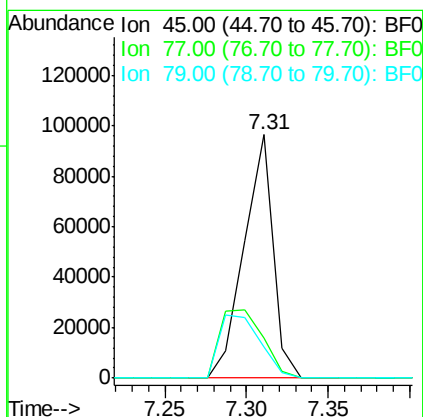
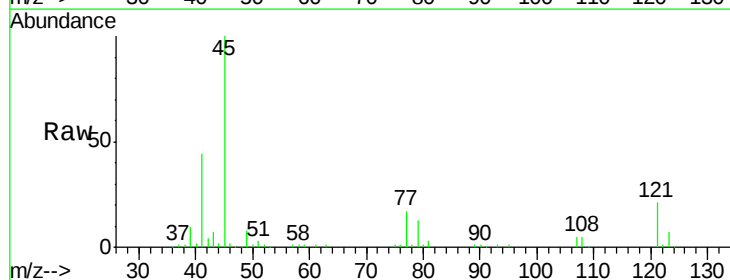
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

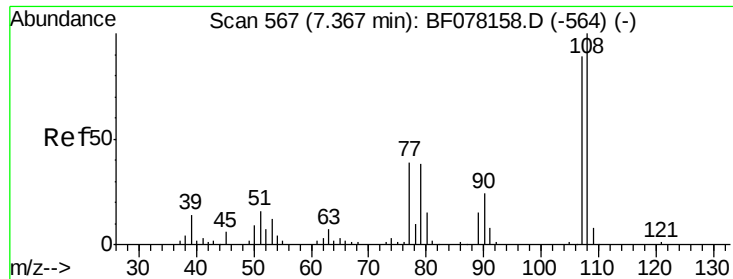
Tgt Ion: 79 Resp: 77114
Ion Ratio Lower Upper
79 100
108 74.1 57.6 86.4
77 62.0 53.5 80.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.15 ng
RT: 7.31 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 45 Resp: 119462
Ion Ratio Lower Upper
45 100
77 16.6 0.0 34.5
79 12.8 0.0 31.9

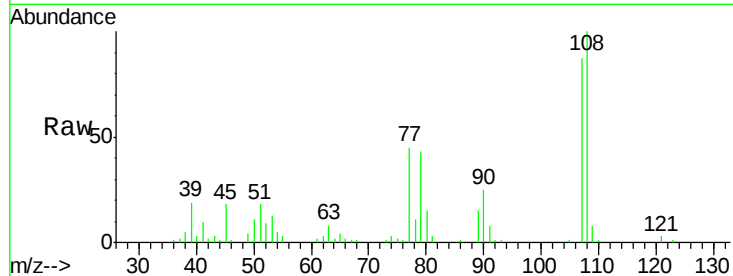




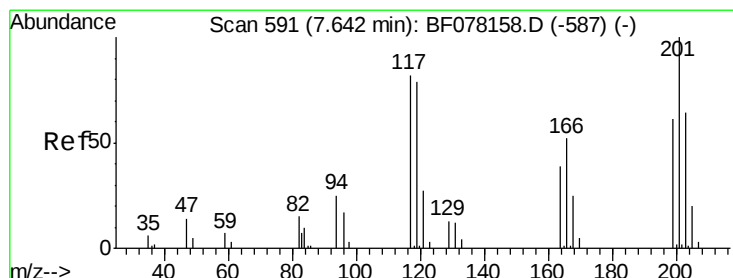
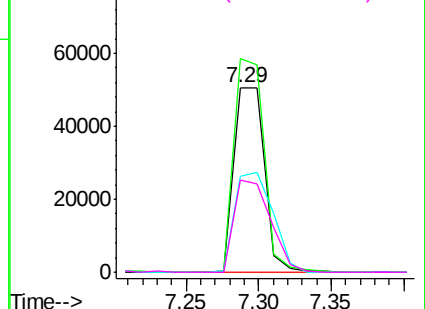
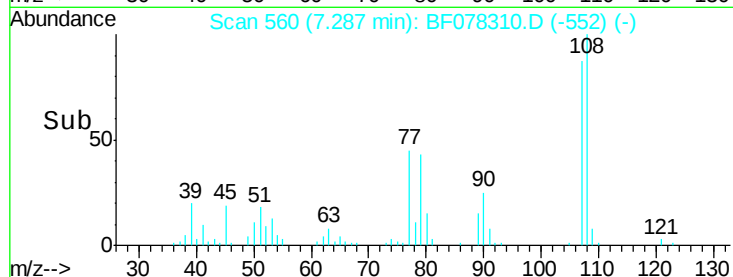
#17
2-Methylphenol
Concen: 40.12 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:	107	Resp:	74242
Ion	Ratio	Lower	Upper
107	100		
108	115.5	90.3	135.5
77	51.9	35.5	53.3
79	49.8	34.2	51.4

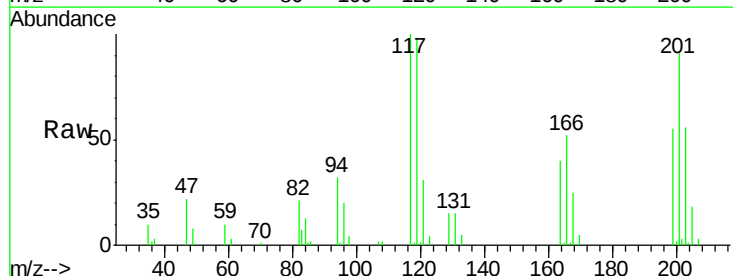


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

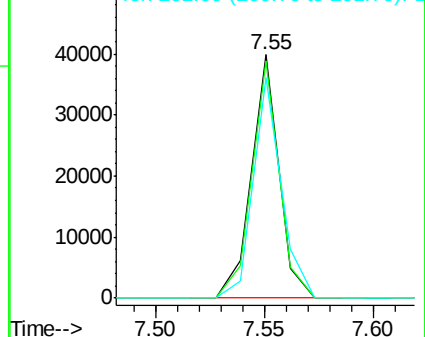
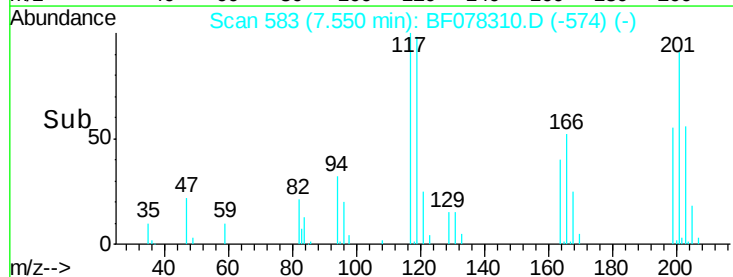


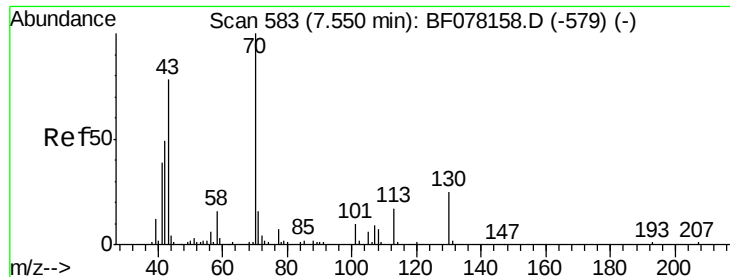
#18
Hexachloroethane
Concen: 39.30 ng
RT: 7.55 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:	117	Resp:	34924
Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.0	115.6
201	90.7	98.1	147.1#



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

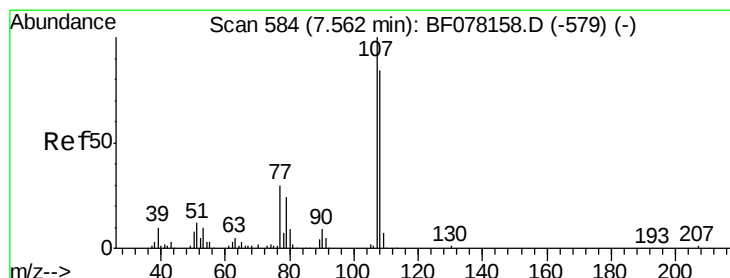
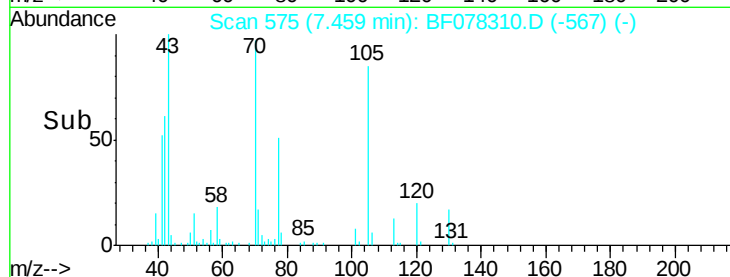
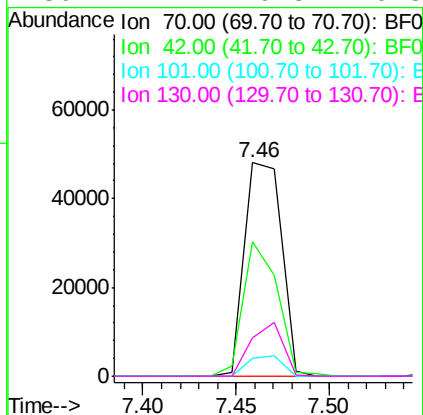
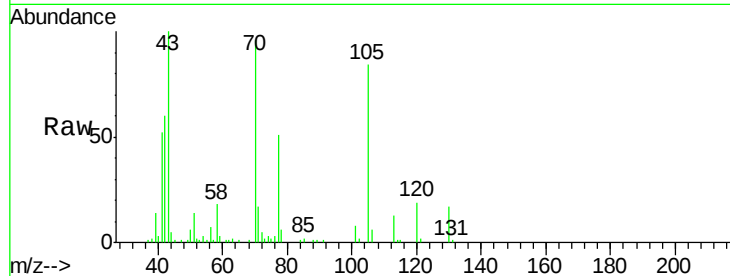




#19
n-Nitroso-di-n-propylamine
Concen: 39.91 ng
RT: 7.46 min Scan# 575
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

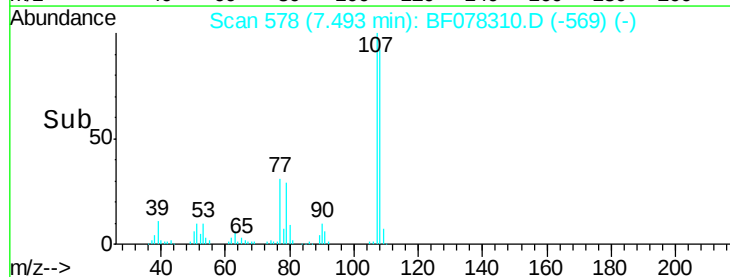
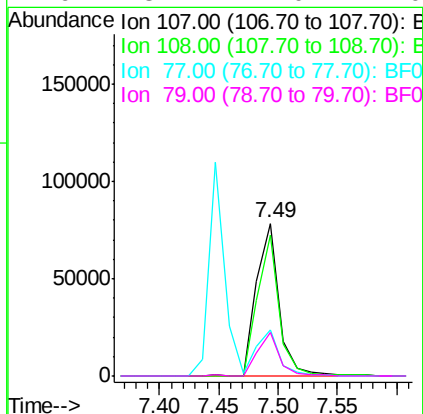
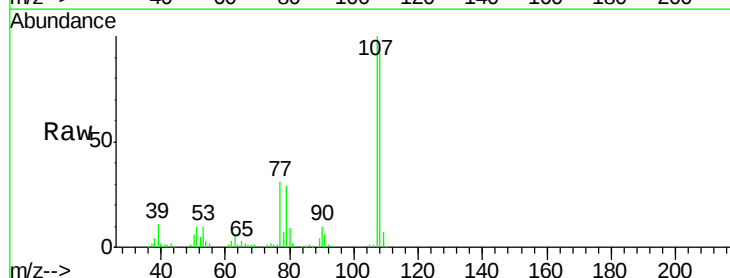
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

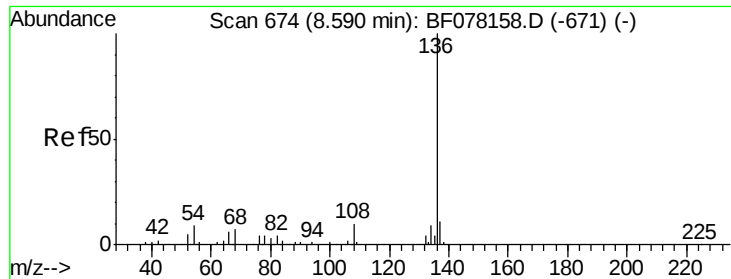
Tgt Ion: 70 Resp: 66507
Ion Ratio Lower Upper
70 100
42 62.6 38.9 58.3#
101 8.1 8.3 12.5#
130 17.7 19.8 29.8#



#20
3+4-Methylphenols
Concen: 42.77 ng
RT: 7.49 min Scan# 578
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 107 Resp: 105575
Ion Ratio Lower Upper
107 100
108 92.1 64.4 104.4
77 30.5 9.7 49.7
79 28.7 4.0 44.0

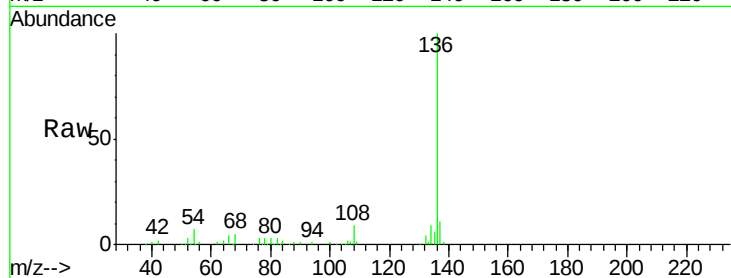




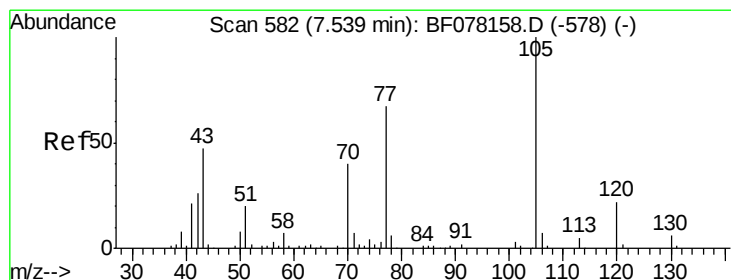
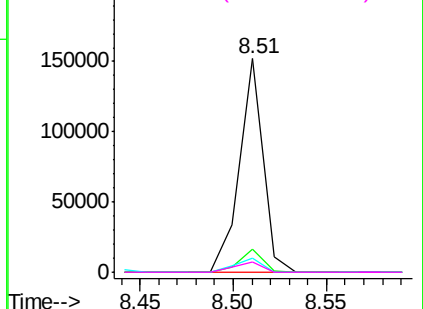
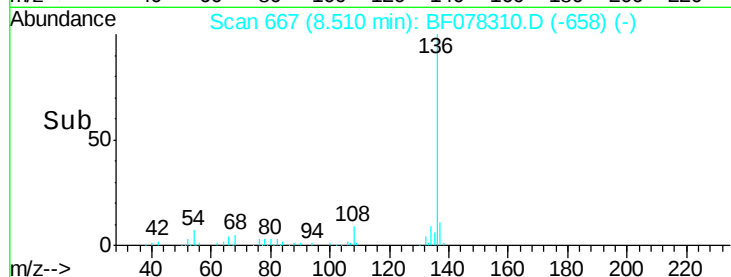
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.51 min Scan# 667
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:	136	Resp:	135564
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.6	7.0	10.6#
68	5.1	5.4	8.2#

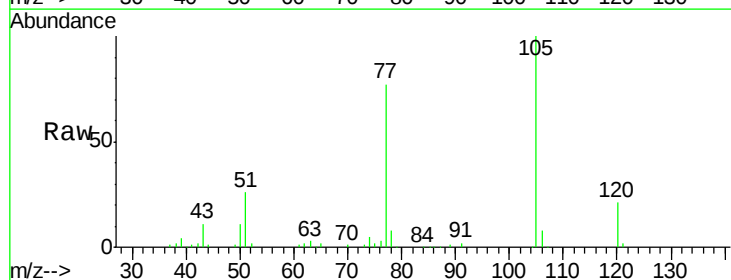


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

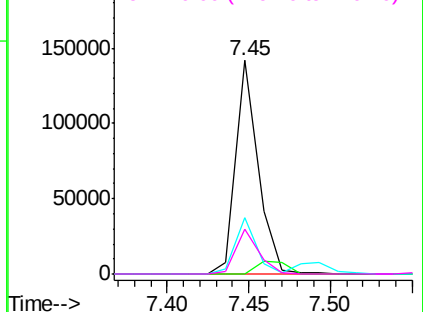
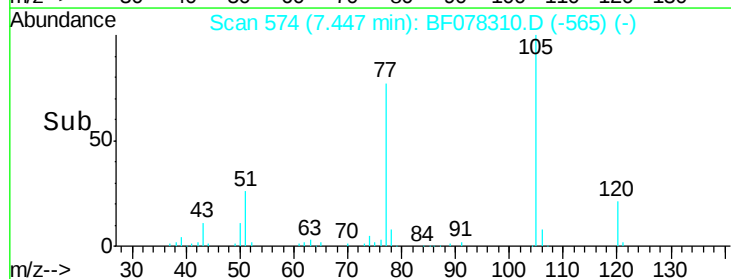


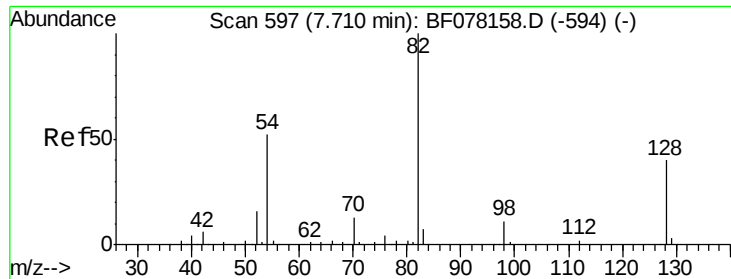
#22
Acetophenone
Concen: 42.72 ng
RT: 7.45 min Scan# 574
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:	105	Resp:	134929
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	26.2	16.0	24.0#
120	21.1	17.8	26.6



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

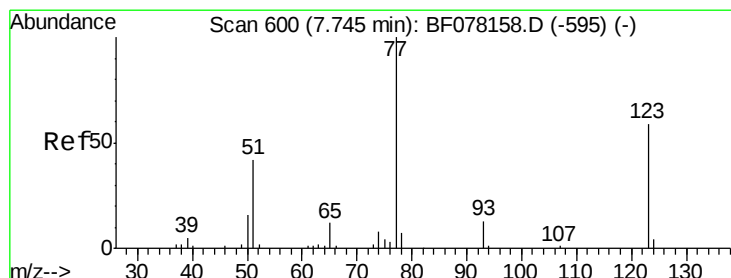
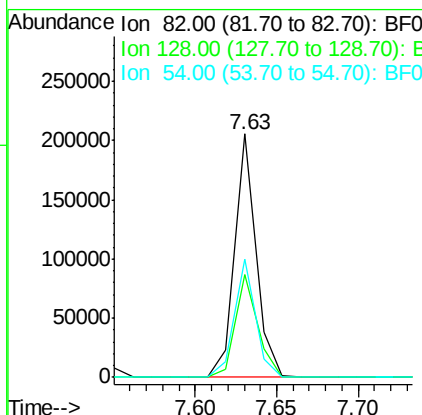
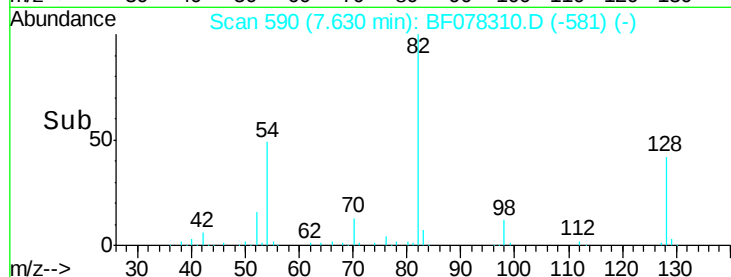
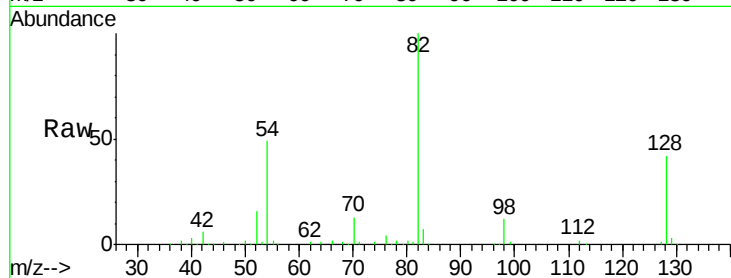




#23
 Nitrobenzene-d5
 Concen: 82.28 ng
 RT: 7.63 min Scan# 590
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

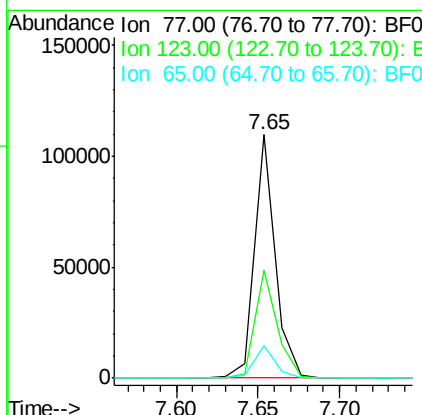
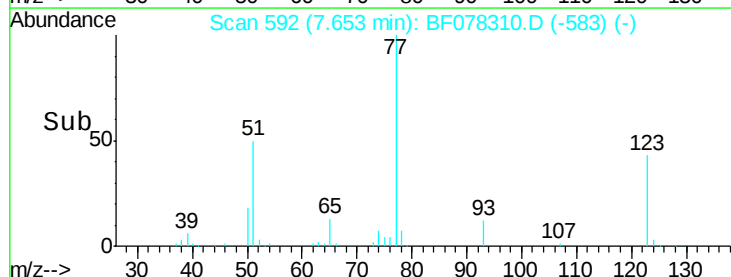
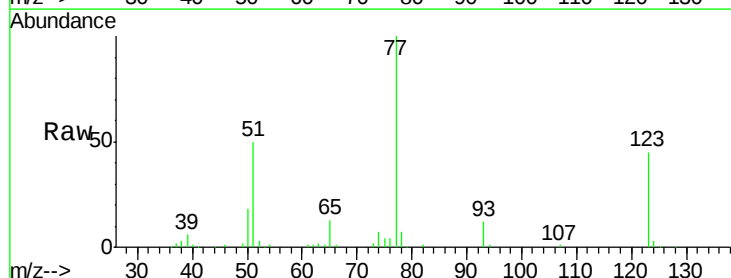
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

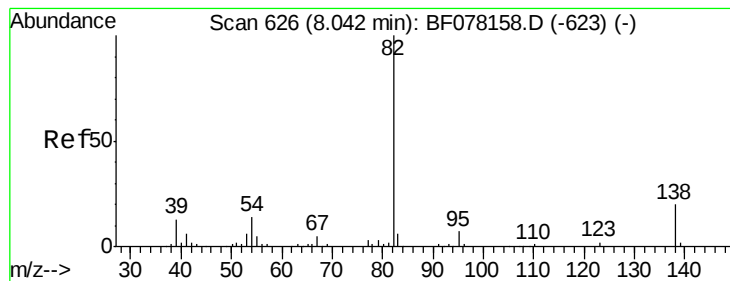
Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.5	31.8	47.8
54	48.8	41.5	62.3



#24
 Nitrobenzene
 Concen: 41.37 ng
 RT: 7.65 min Scan# 592
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.6	46.9	70.3#
65	13.3	9.5	14.3





#25

Isophorone

Concen: 42.23 ng

RT: 7.96 min Scan# 619

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

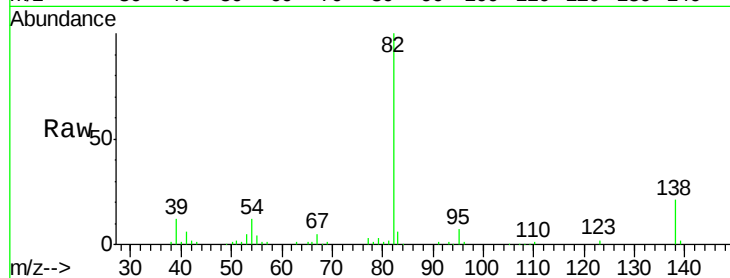
Tgt Ion: 82 Resp: 179252

Ion Ratio Lower Upper

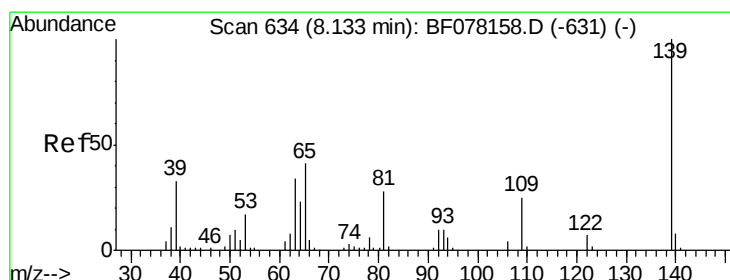
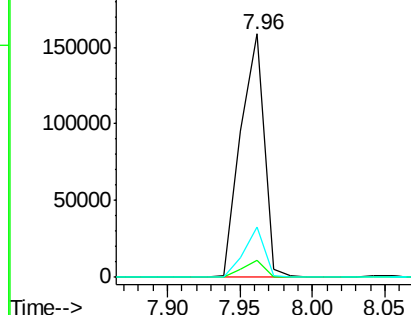
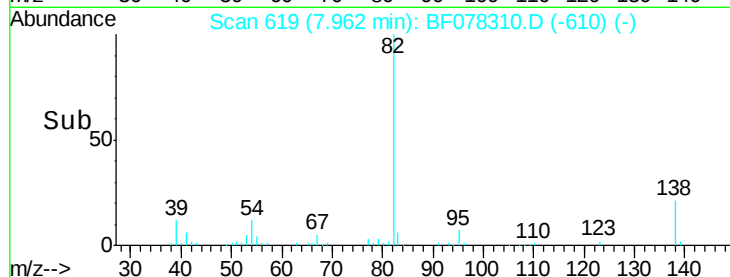
82 100

95 7.1 5.7 8.5

138 20.6 15.8 23.8



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



#26

2-Nitrophenol

Concen: 42.88 ng

RT: 8.05 min Scan# 627

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

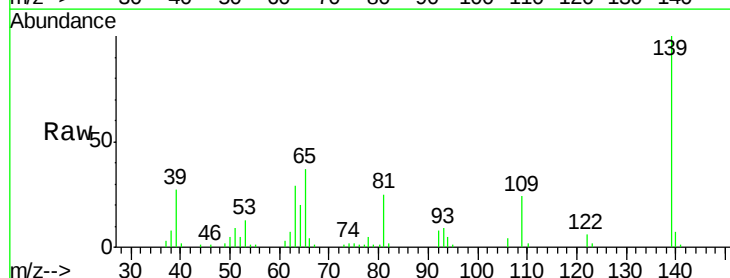
Tgt Ion: 139 Resp: 47781

Ion Ratio Lower Upper

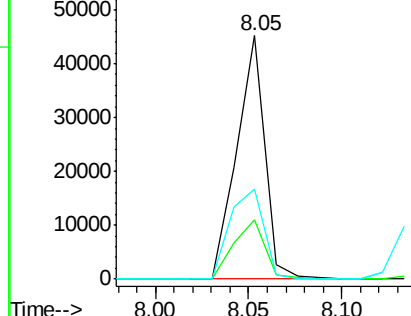
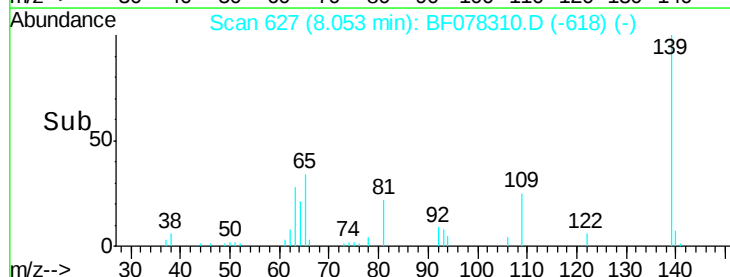
139 100

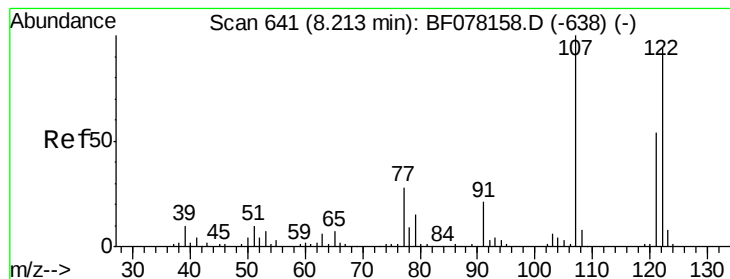
109 24.5 19.8 29.8

65 36.7 32.7 49.1



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





#27

2,4-Dimethylphenol

Concen: 42.77 ng

RT: 8.13 min Scan# 634

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

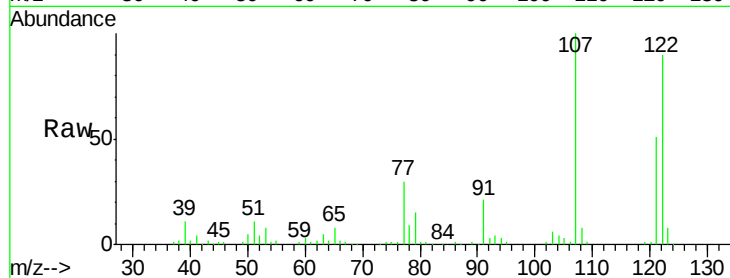
Tgt Ion:122 Resp: 88615

Ion Ratio Lower Upper

122 100

107 110.9 84.6 127.0

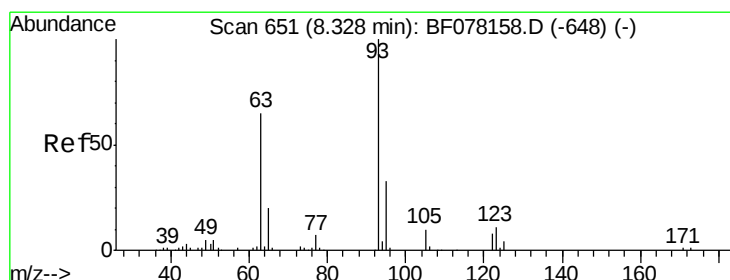
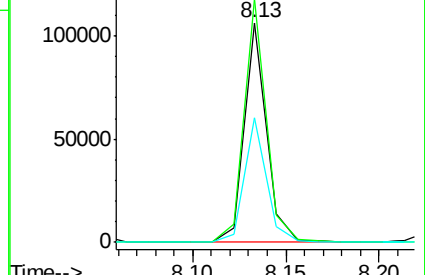
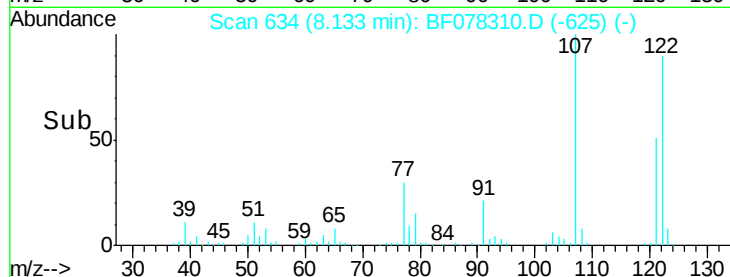
121 57.0 46.0 69.0



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: 43.17 ng

RT: 8.25 min Scan# 644

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

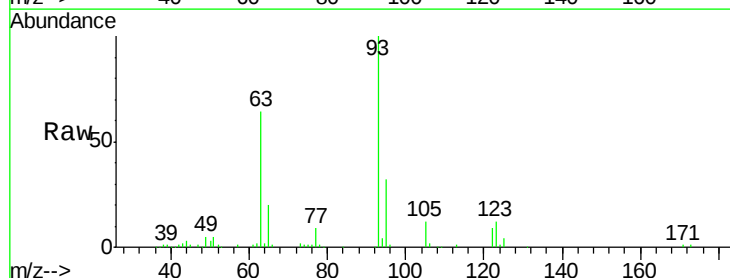
Tgt Ion: 93 Resp: 117503

Ion Ratio Lower Upper

93 100

95 31.9 26.3 39.5

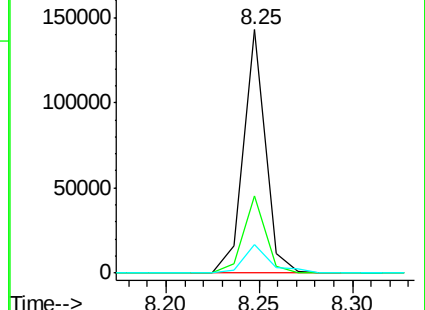
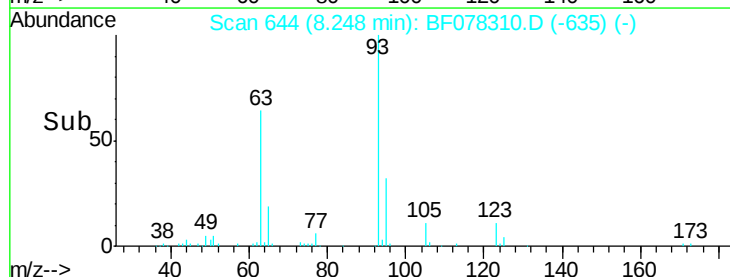
123 11.5 9.1 13.7

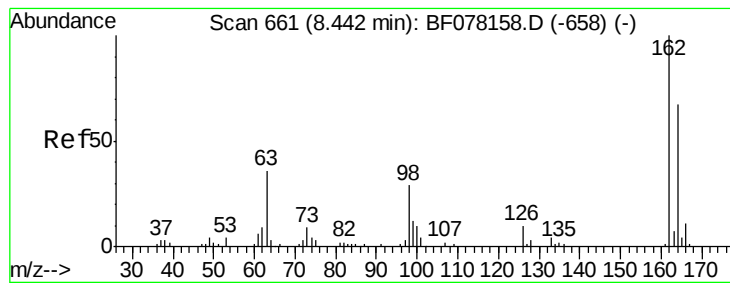


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.33 ng

RT: 8.36 min Scan# 654

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

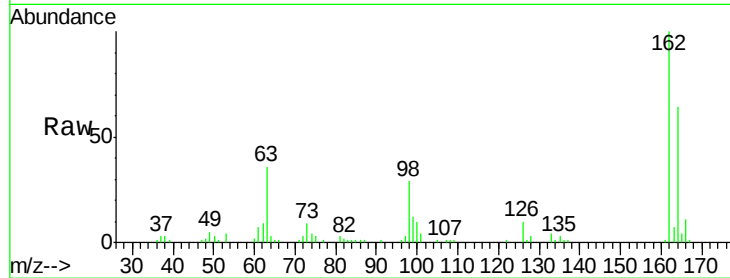
Tgt Ion:162 Resp: 81676

Ion Ratio Lower Upper

162 100

164 64.4 47.0 87.0

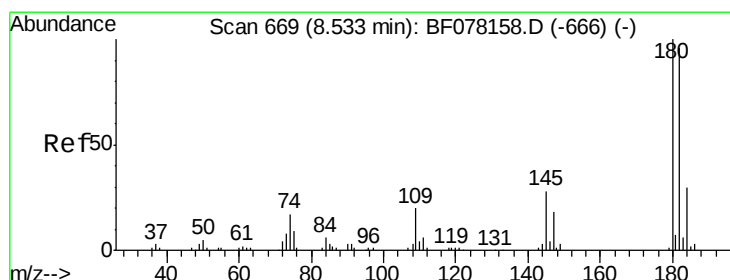
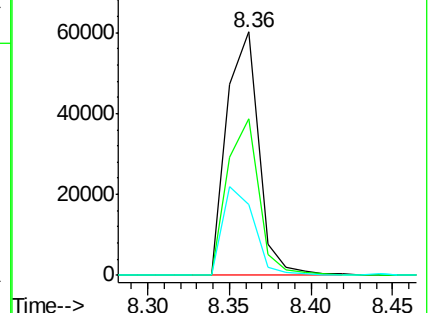
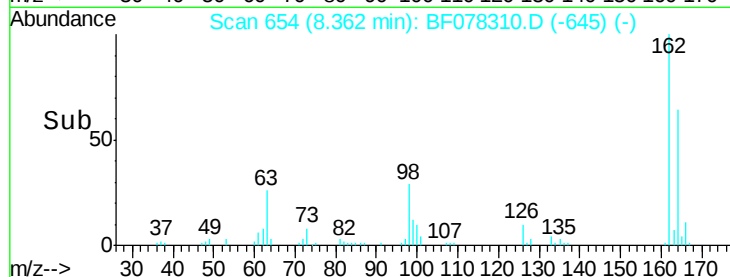
98 29.0 9.2 49.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF0



#30

1,2,4-Trichlorobenzene

Concen: 38.81 ng

RT: 8.44 min Scan# 661

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

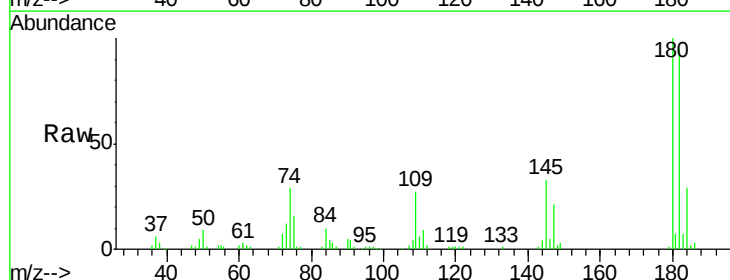
Tgt Ion:180 Resp: 83871

Ion Ratio Lower Upper

180 100

182 95.1 76.9 115.3

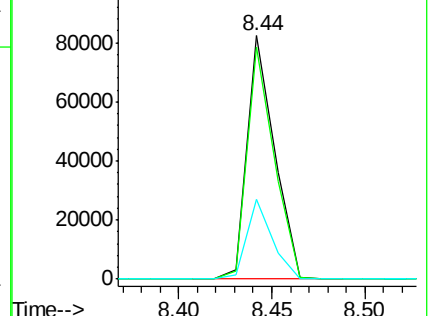
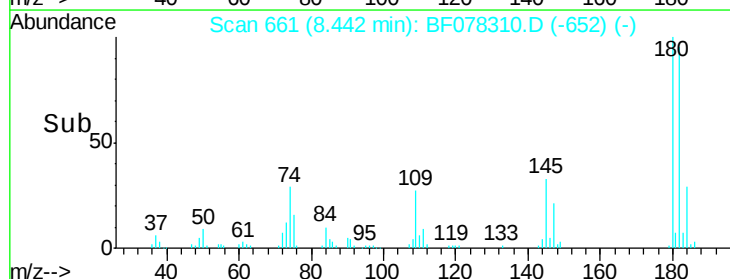
145 32.8 22.5 33.7

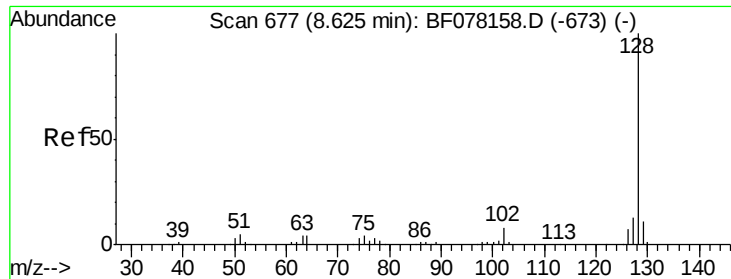


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

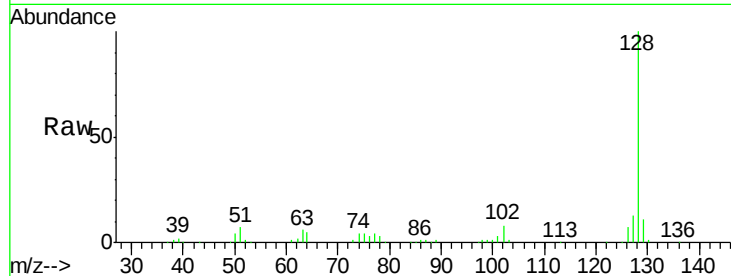




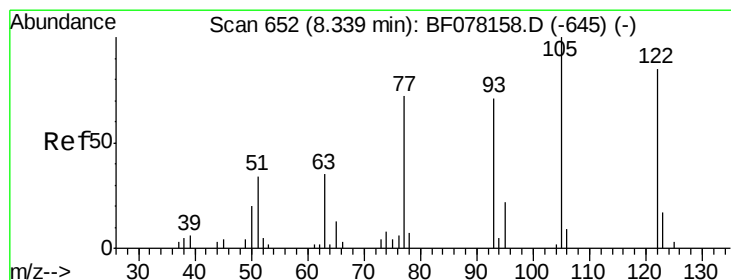
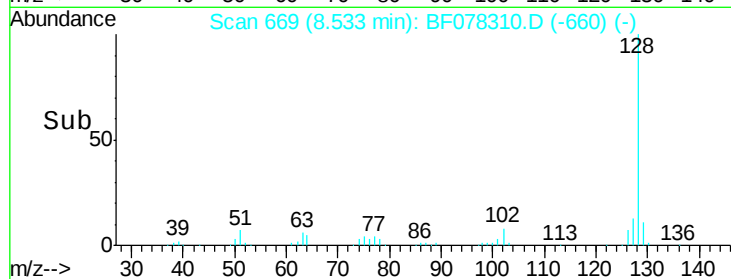
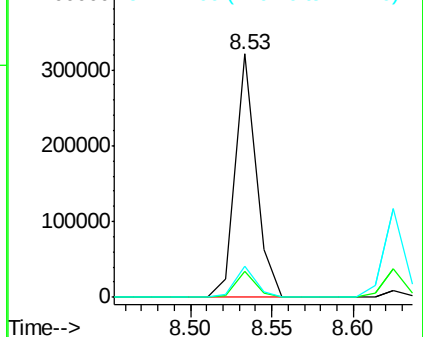
#31
Naphthalene
Concen: 39.94 ng
RT: 8.53 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:128 Resp: 281795
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 12.9 10.7 16.1

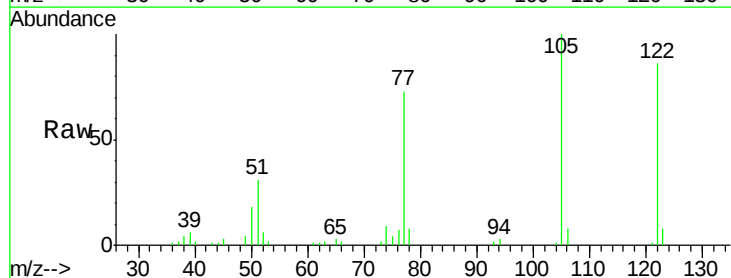


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

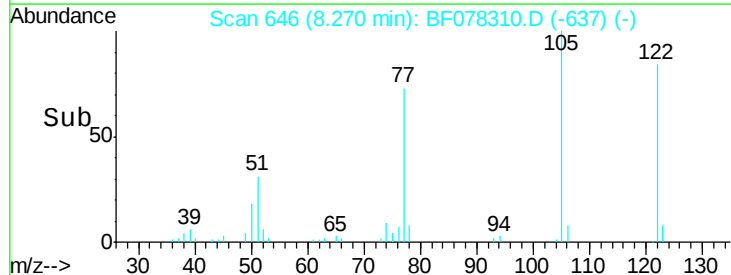
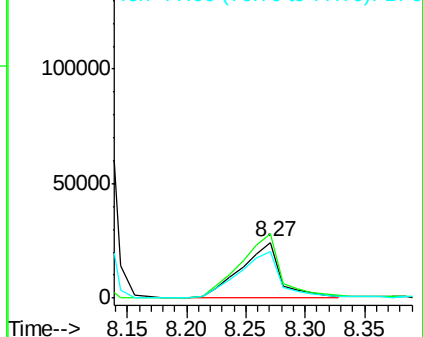


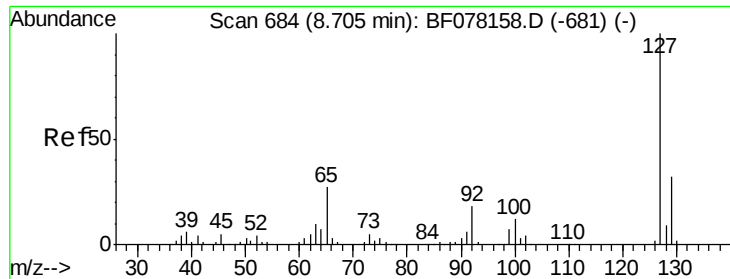
#32
Benzoic acid
Concen: 57.76 ng
RT: 8.27 min Scan# 646
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:122 Resp: 57581
Ion Ratio Lower Upper
122 100
105 116.5 96.1 136.1
77 84.8 64.1 104.1



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

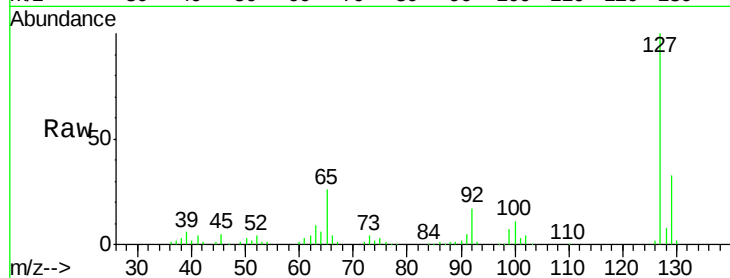




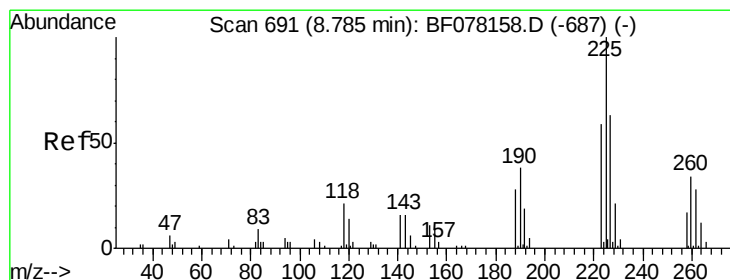
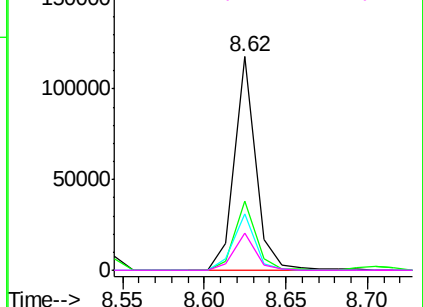
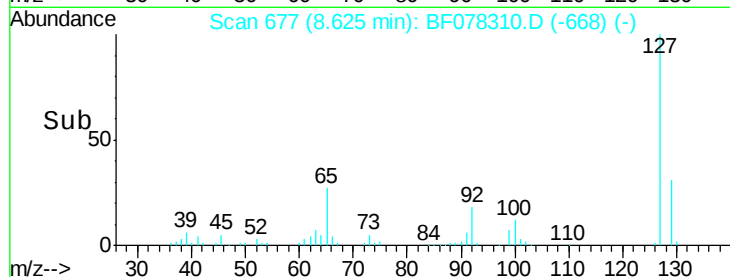
#33
4-Chloroaniline
Concen: 36.69 ng
RT: 8.62 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:	127	Resp:	107432
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.5	38.3
65	26.2	21.7	32.5
92	17.2	14.6	21.8

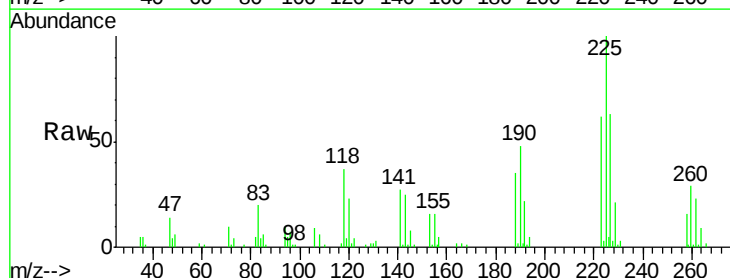


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

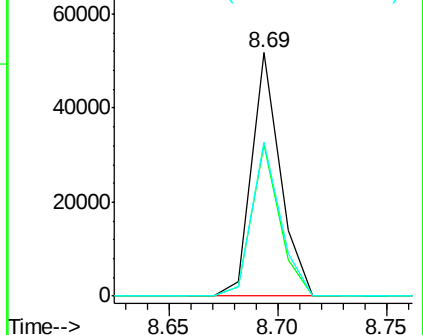
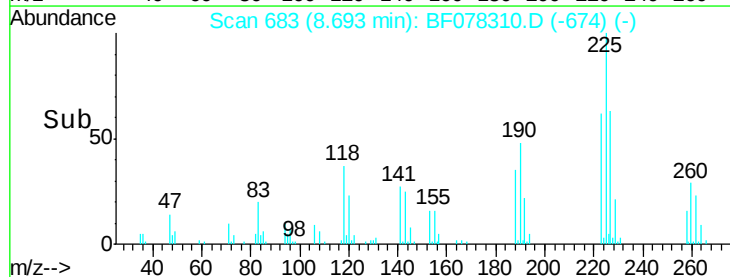


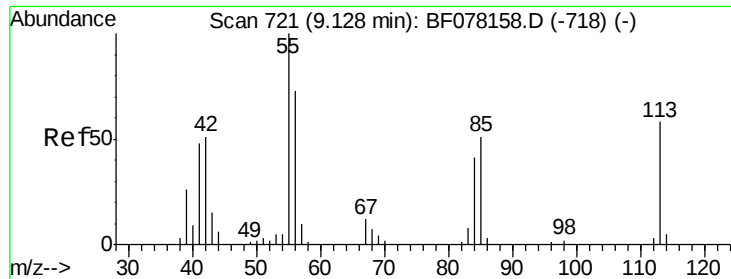
#34
Hexachlorobutadiene
Concen: 39.76 ng
RT: 8.69 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:	225	Resp:	47184
Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.5	71.3
227	63.1	50.2	75.2



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

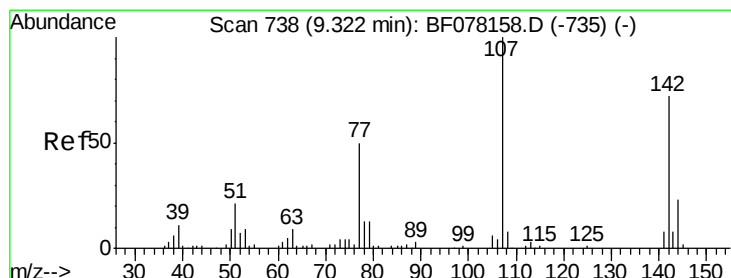
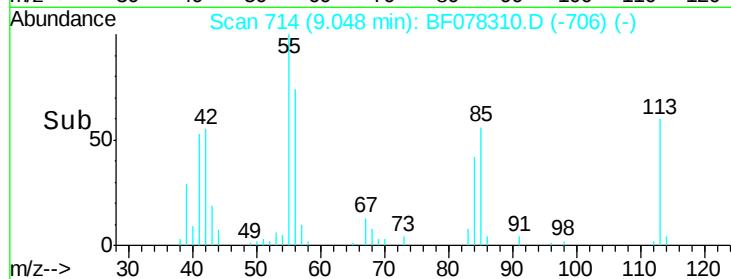
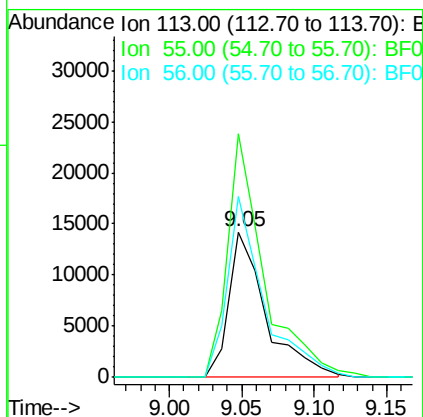
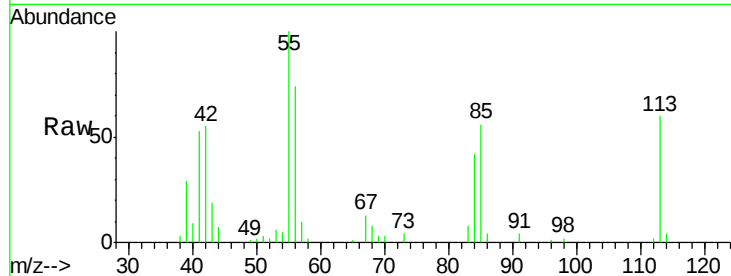




#35
 Caprolactam
 Concen: 45.37 ng
 RT: 9.05 min Scan# 714
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

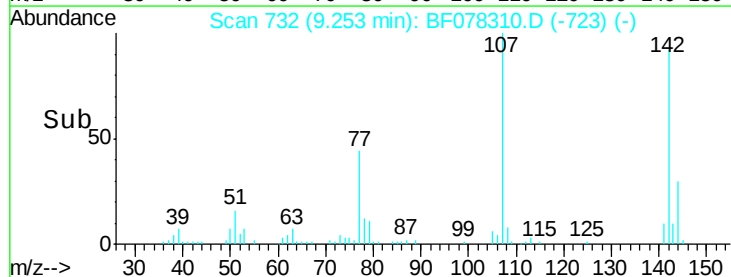
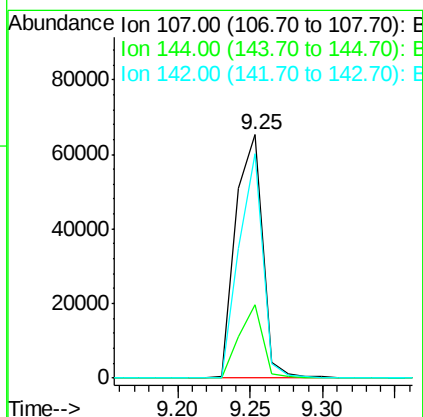
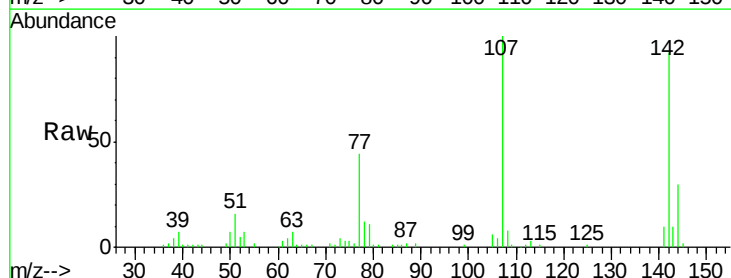
Instrument :
 BNA_F
 ClientSampled :
 FD-2MSD

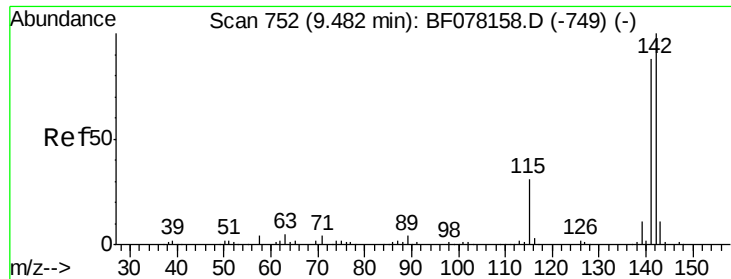
Tgt Ion:113 Resp: 25524
 Ion Ratio Lower Upper
 113 100
 55 167.6 151.9 191.9
 56 124.2 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.27 ng
 RT: 9.25 min Scan# 732
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:107 Resp: 84191
 Ion Ratio Lower Upper
 107 100
 144 30.4 18.2 27.2#
 142 92.0 58.0 87.0#

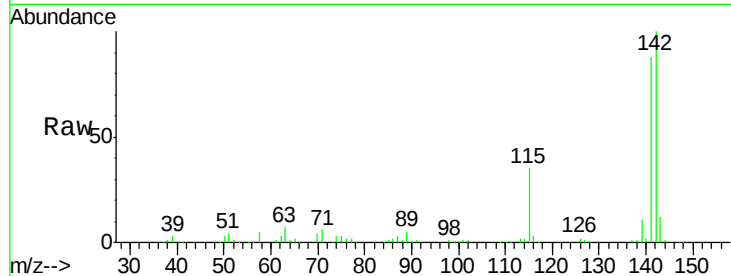




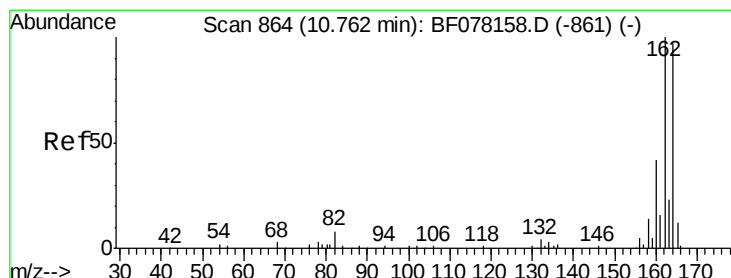
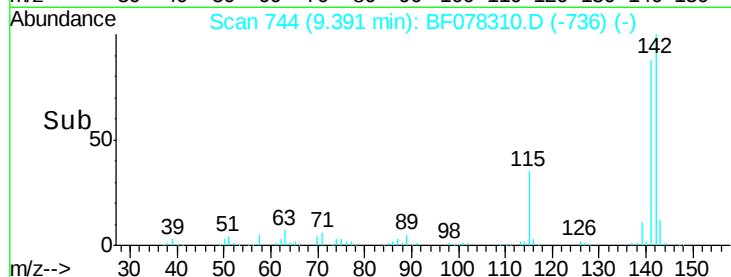
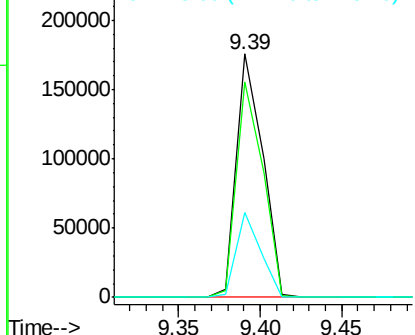
#37
 2-Methylnaphthalene
 Concen: 40.64 ng
 RT: 9.39 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tgt Ion:142 Resp: 194685
 Ion Ratio Lower Upper
 142 100
 141 88.5 70.3 105.5
 115 35.1 24.6 37.0

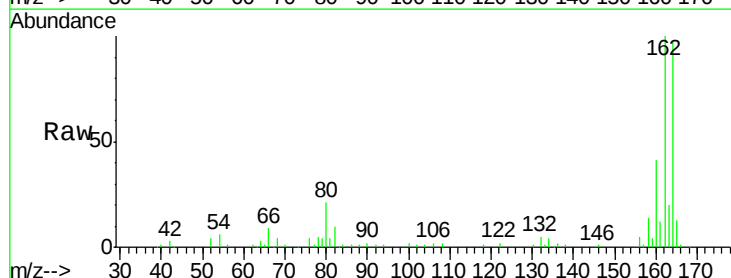


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

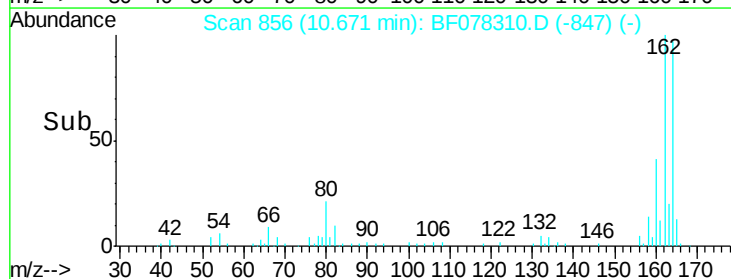
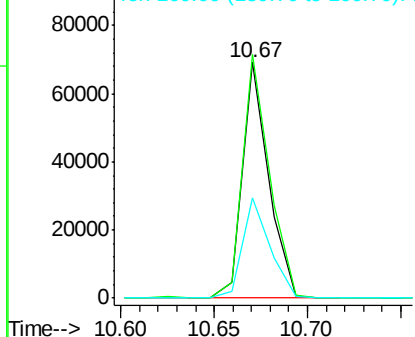


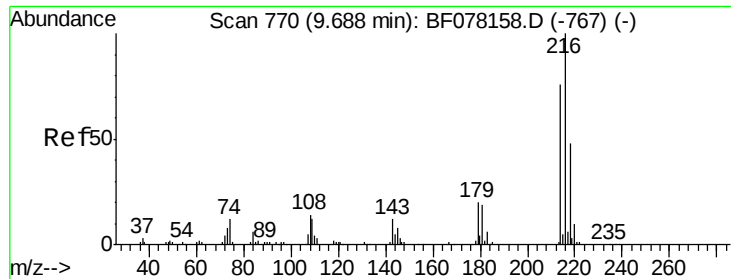
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 856
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:164 Resp: 67296
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.2
 160 42.7 34.7 52.1



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

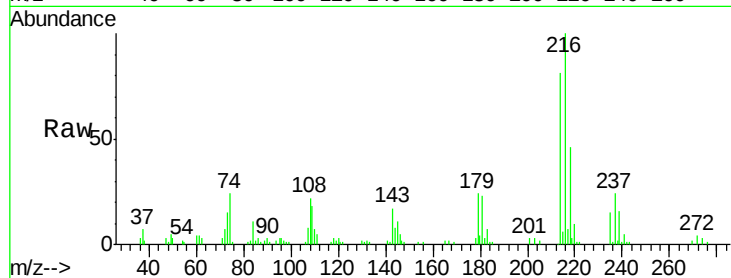




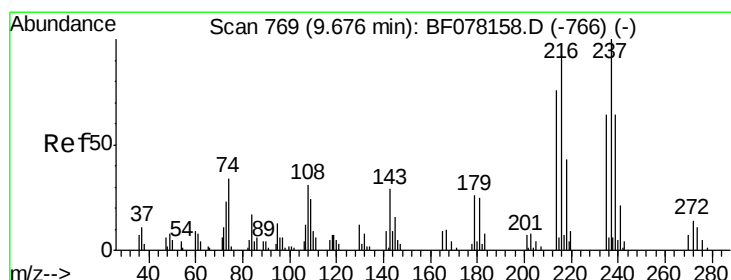
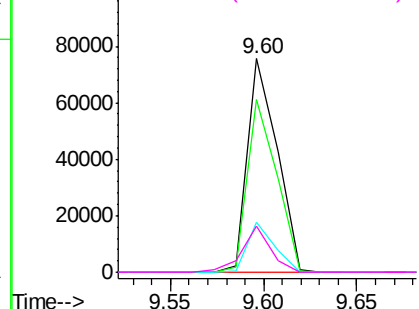
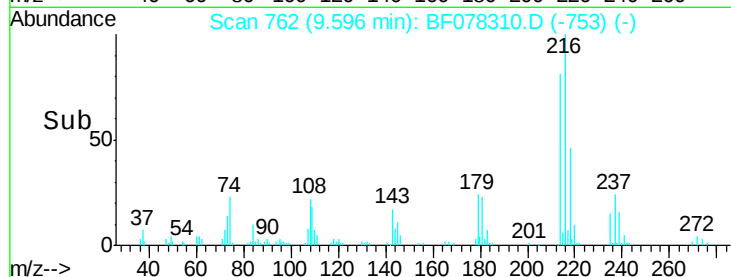
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.88 ng
 RT: 9.60 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tgt Ion:	216	Resp:	83157
Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.0	93.0
179	21.4	17.3	25.9
108	21.0	14.6	21.8

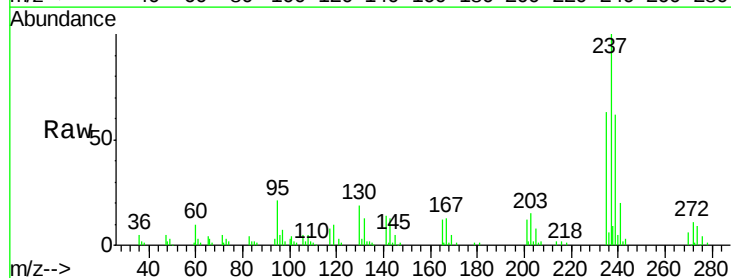


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

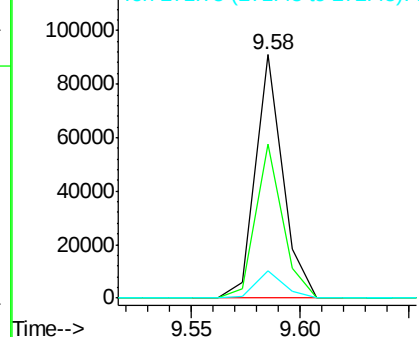
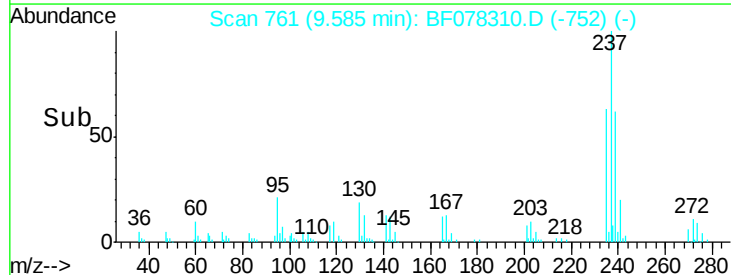


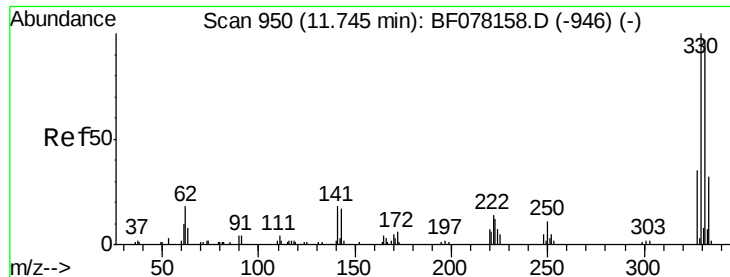
#40
 Hexachlorocyclopentadiene
 Concen: 87.06 ng
 RT: 9.58 min Scan# 761
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:	237	Resp:	78741
Ion	Ratio	Lower	Upper
237	100		
235	63.3	44.1	84.1
272	11.3	0.0	34.4



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

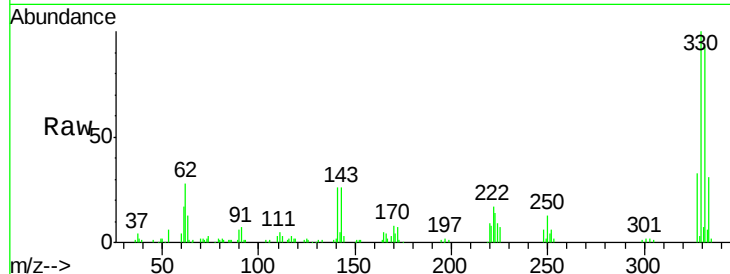




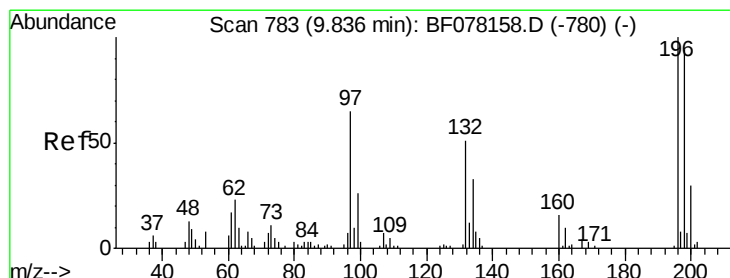
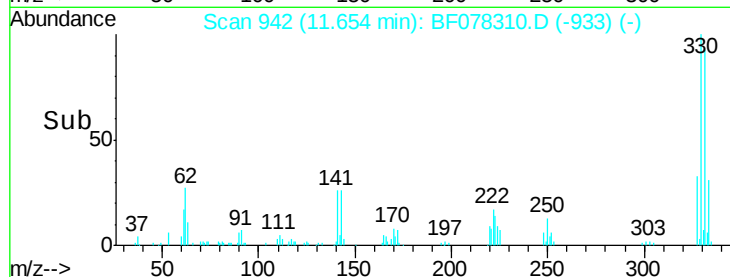
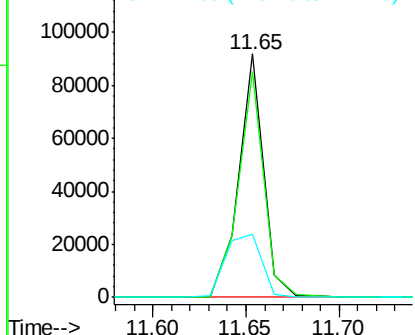
#41
 2,4,6-Tribromophenol
 Concen: 153.76 ng
 RT: 11.65 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tgt Ion:330 Resp: 85815
 Ion Ratio Lower Upper
 330 100
 332 94.3 78.6 117.8
 141 37.5 31.2 46.8

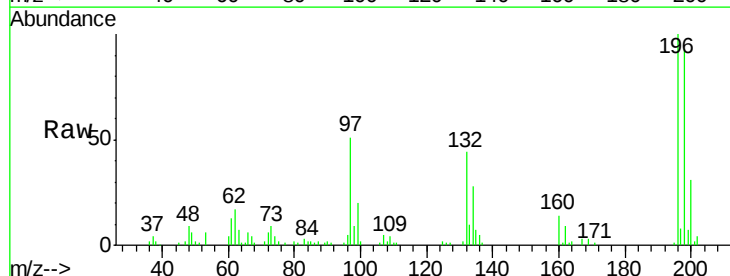


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

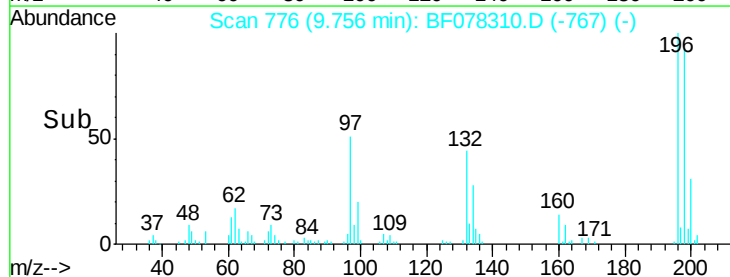
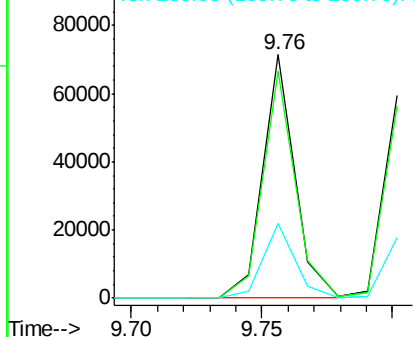


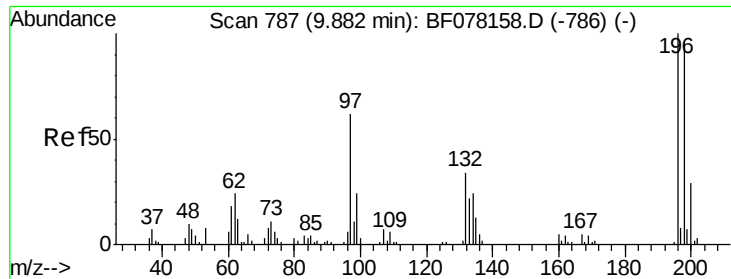
#42
 2,4,6-Trichlorophenol
 Concen: 46.72 ng
 RT: 9.76 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:196 Resp: 61442
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.4 113.2
 200 30.6 24.0 36.0



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

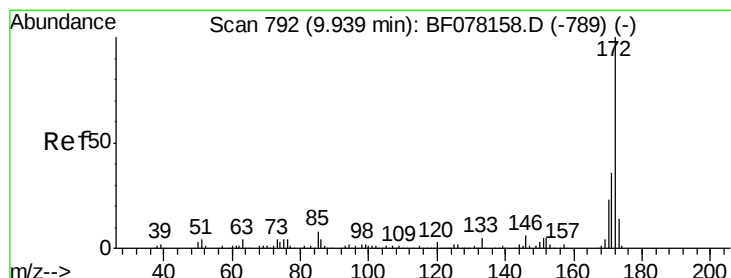
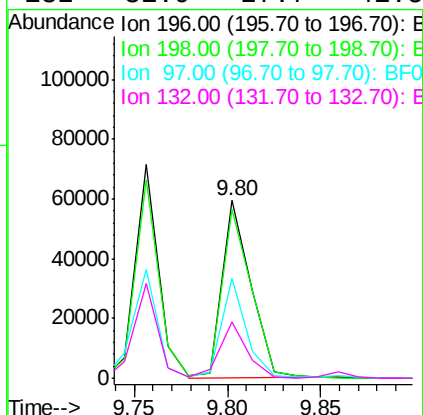
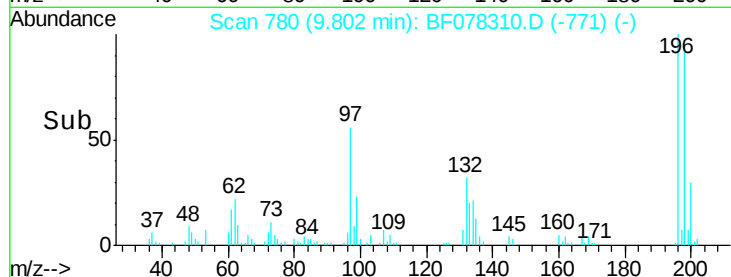
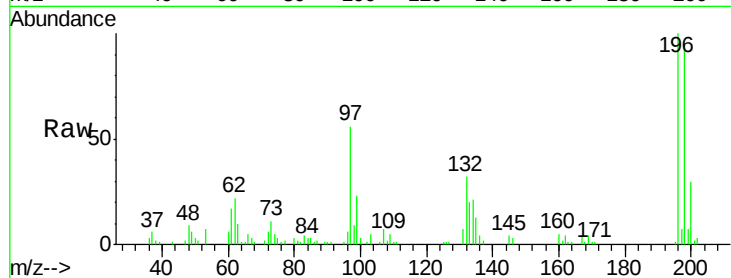




#43
 2,4,5-Trichlorophenol
 Concen: 46.27 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

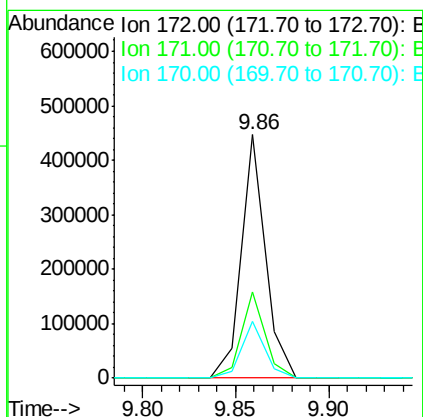
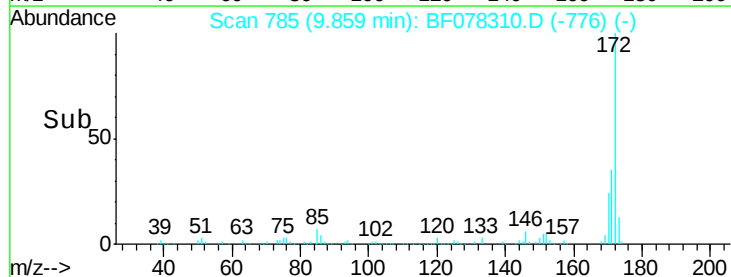
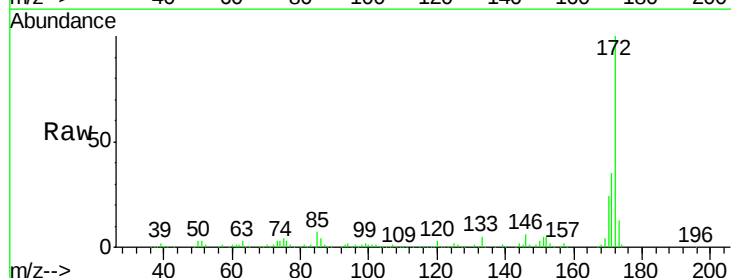
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

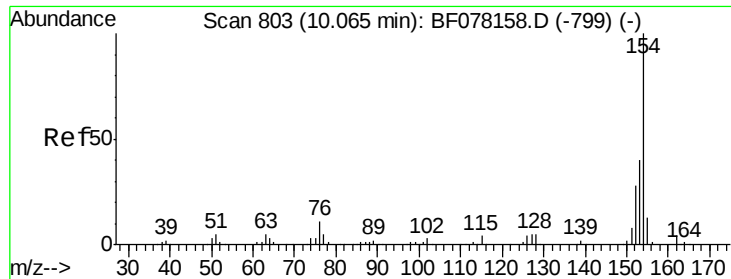
Tgt Ion:196 Resp: 63571
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 97 56.3 50.6 75.8
 132 31.9 27.7 41.5



#44
 2-Fluorobiphenyl
 Concen: 85.33 ng
 RT: 9.86 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:172 Resp: 401738
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.6 42.8
 170 23.5 18.5 27.7





#45

1,1'-Biphenyl

Concen: 42.02 ng

RT: 9.97 min Scan# 795

Delta R.T. -0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampled :

FD-2MSD

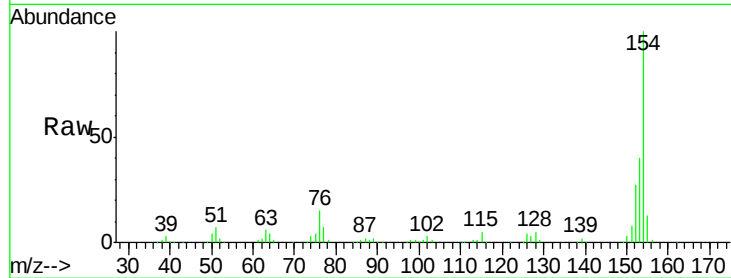
Tgt Ion:154 Resp: 231290

Ion Ratio Lower Upper

154 100

153 39.9 20.0 60.0

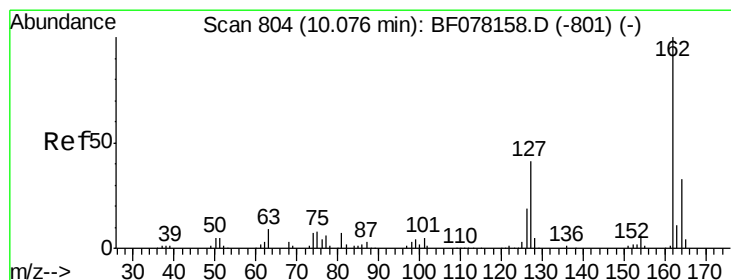
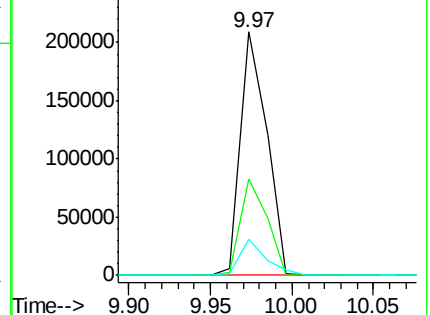
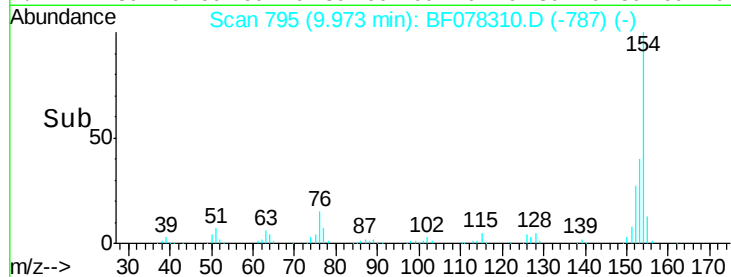
76 14.8 0.0 30.6



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: 42.64 ng

RT: 10.00 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

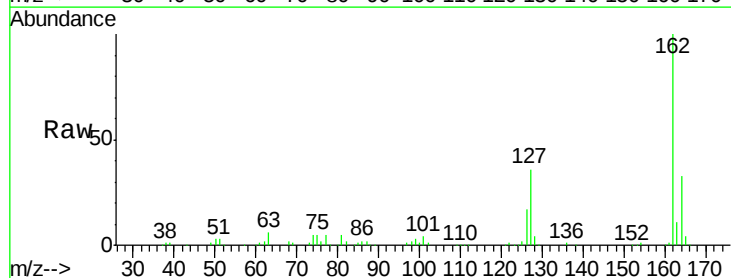
Tgt Ion:162 Resp: 184690

Ion Ratio Lower Upper

162 100

127 35.7 32.6 49.0

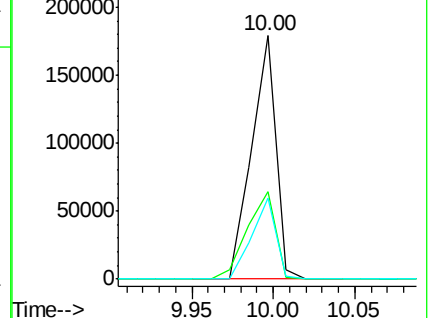
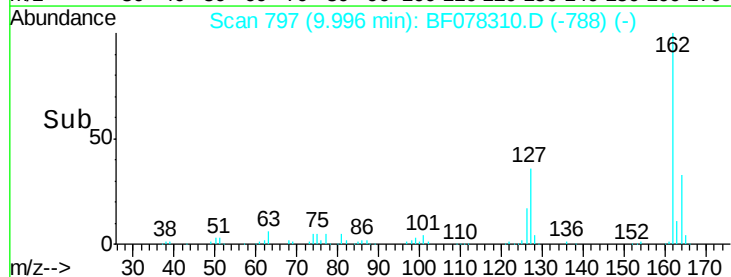
164 33.1 26.0 39.0

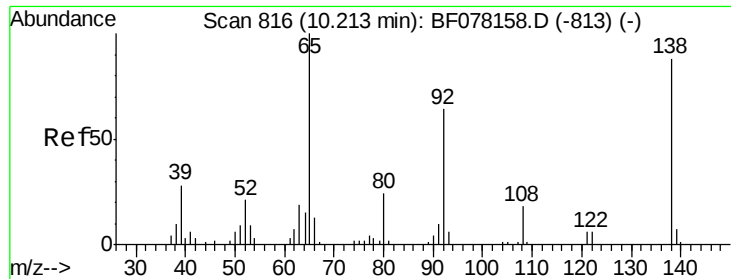


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

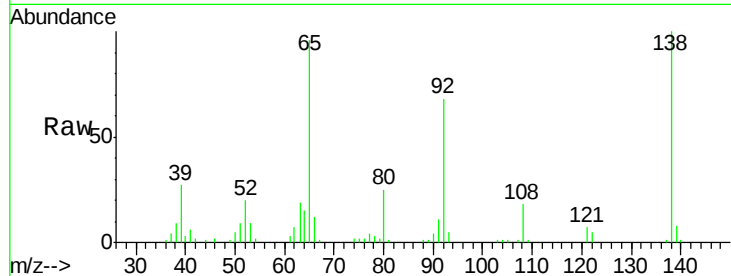




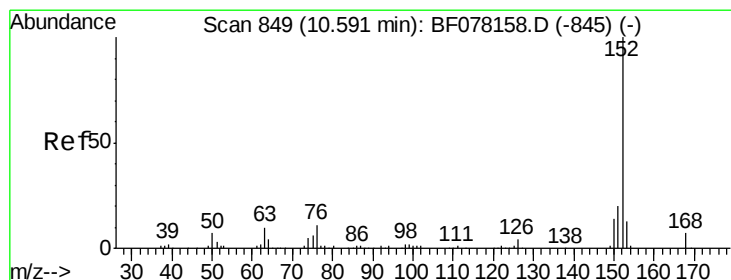
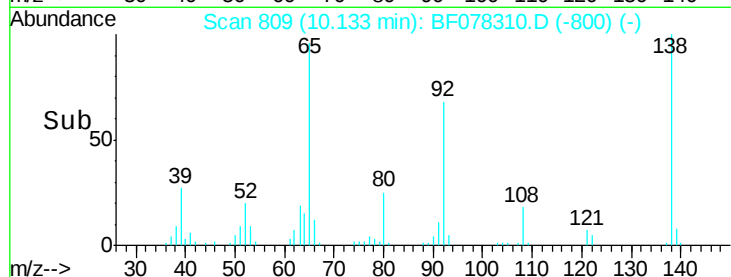
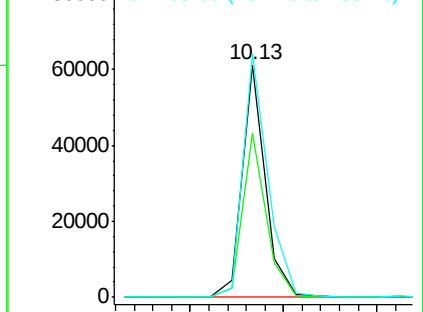
#47
2-Nitroaniline
Concen: 49.54 ng
RT: 10.13 min Scan# 809
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion: 65 Resp: 53081
Ion Ratio Lower Upper
65 100
92 70.8 51.3 76.9
138 104.7 70.4 105.6

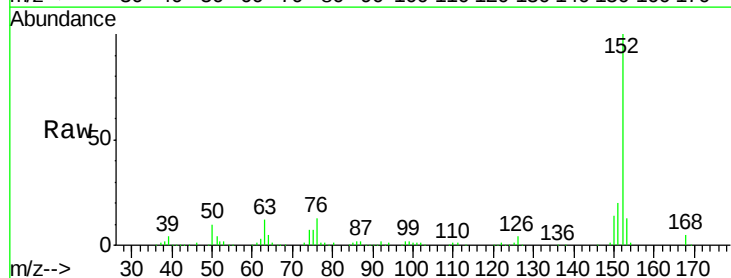


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

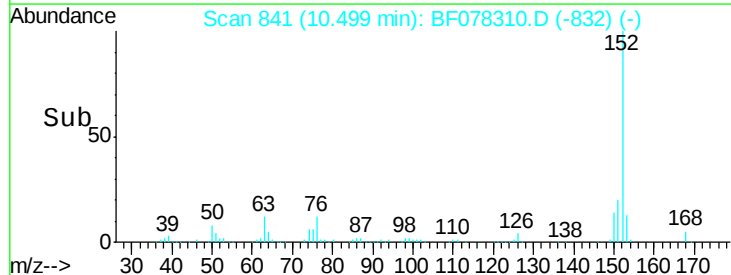
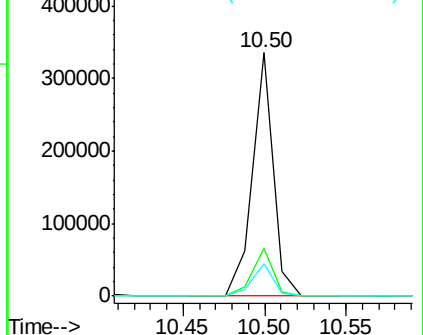


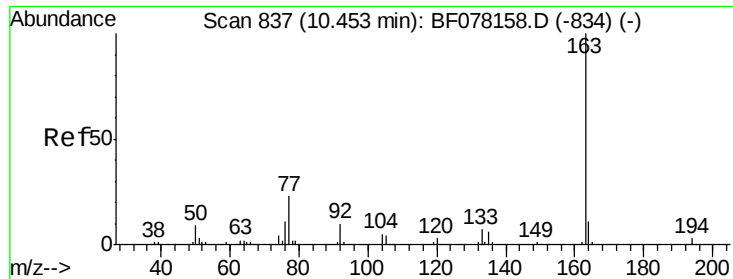
#48
Acenaphthylene
Concen: 42.45 ng
RT: 10.50 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 152 Resp: 296886
Ion Ratio Lower Upper
152 100
151 19.5 15.7 23.5
153 13.1 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

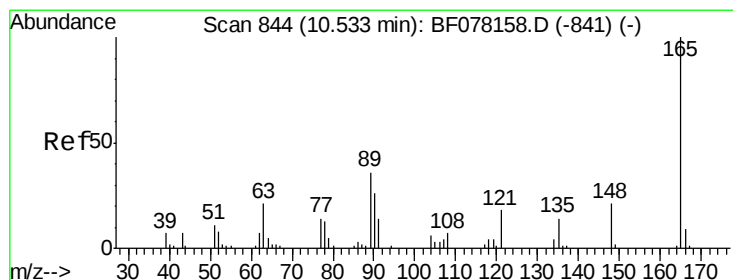
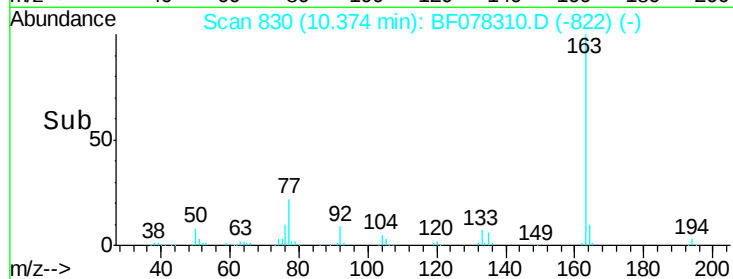
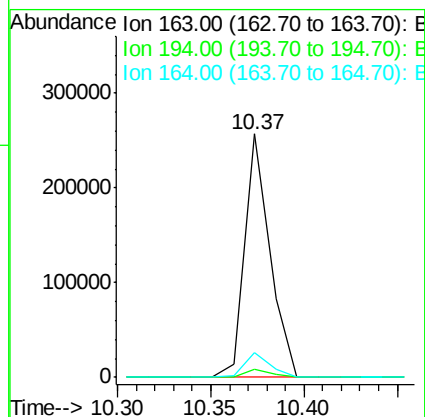
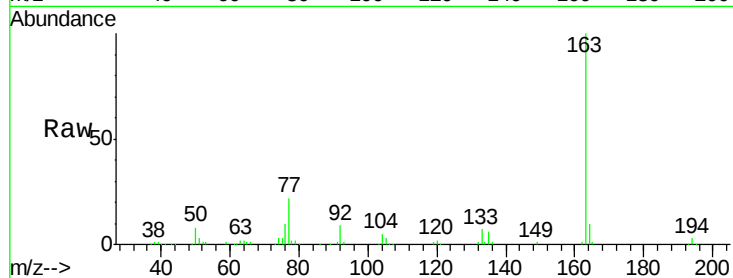




#49
Dimethylphthalate
Concen: 48.20 ng
RT: 10.37 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

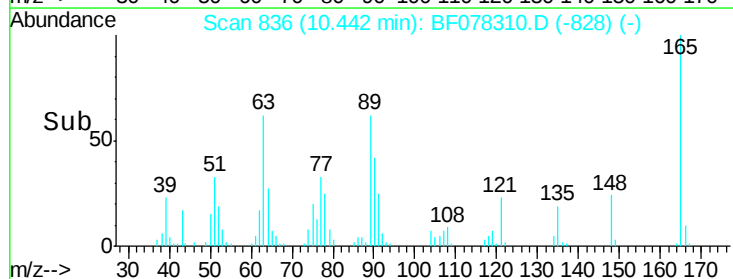
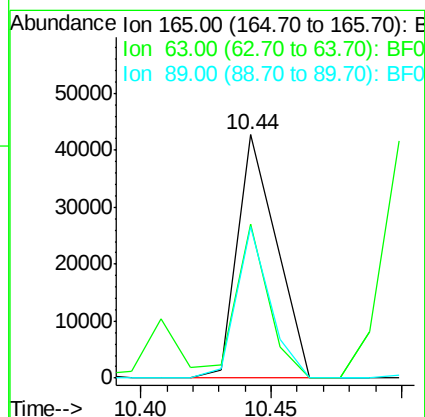
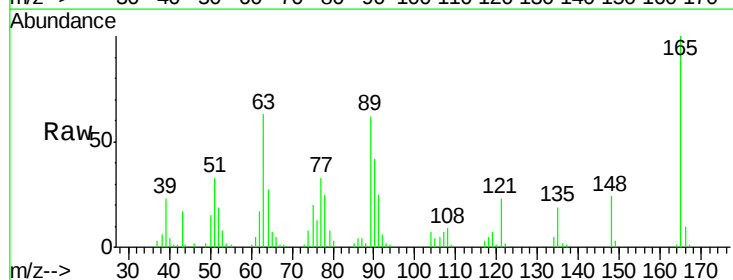
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

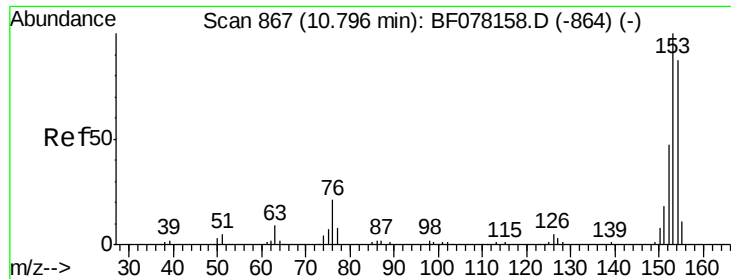
Tgt Ion:163 Resp: 243673
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.3 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 43.27 ng
RT: 10.44 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:165 Resp: 45012
Ion Ratio Lower Upper
165 100
63 63.1 24.1 36.1#
89 62.2 28.9 43.3#





#51

Acenaphthene

Concen: 44.03 ng

RT: 10.72 min Scan# 860

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

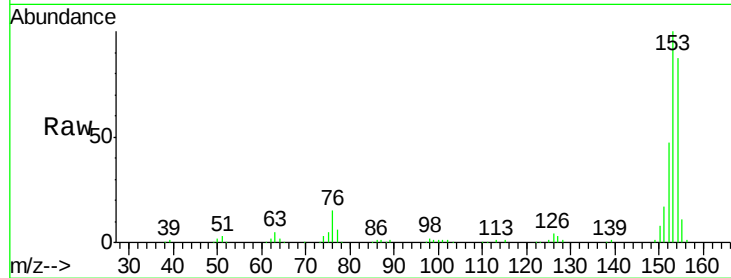
Tgt Ion:154 Resp: 173358

Ion Ratio Lower Upper

154 100

153 114.3 91.4 137.2

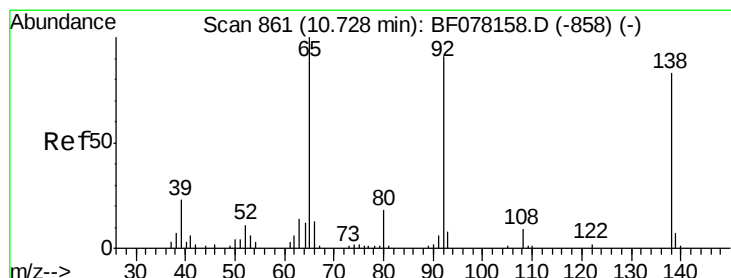
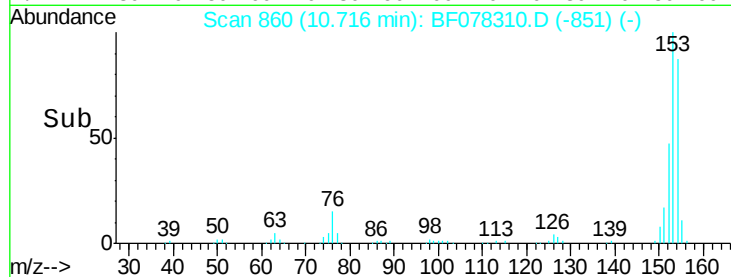
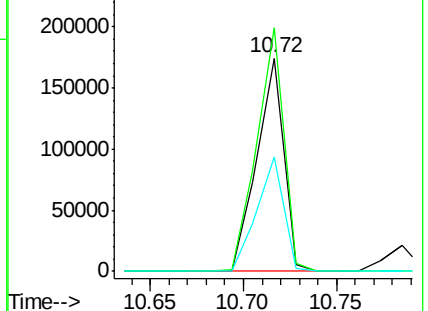
152 53.5 43.0 64.6



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: 43.13 ng

RT: 10.65 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

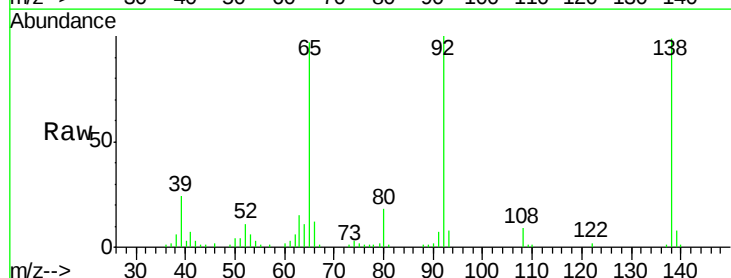
Tgt Ion:138 Resp: 51015

Ion Ratio Lower Upper

138 100

108 9.2 8.2 12.4

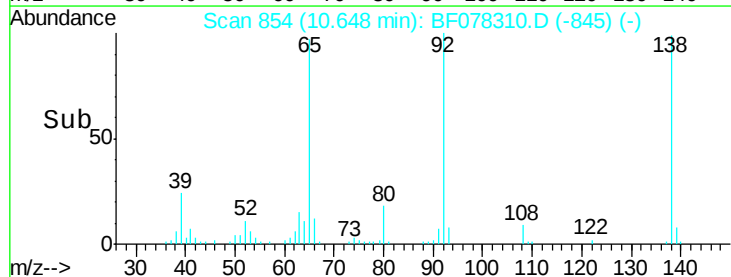
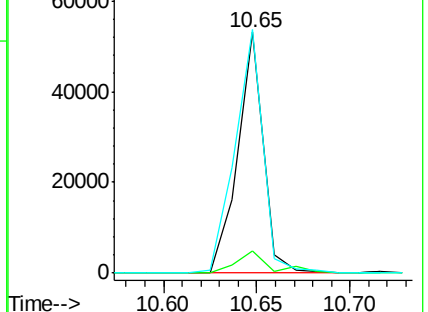
92 101.0 88.4 132.6

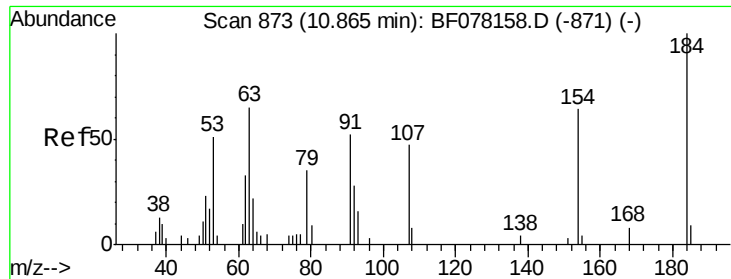


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

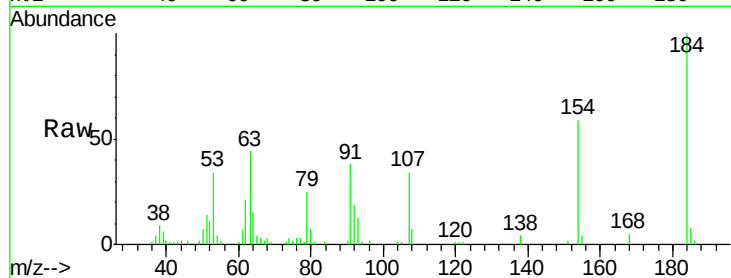




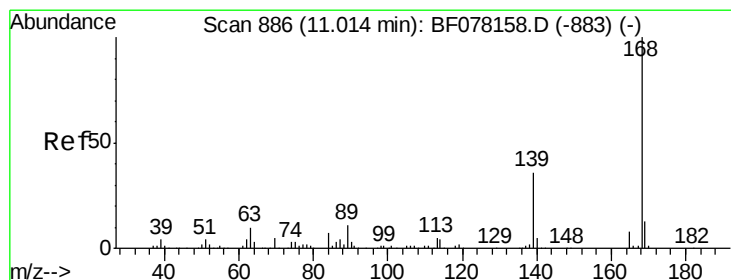
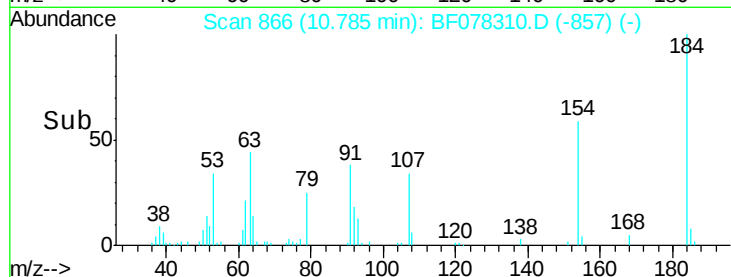
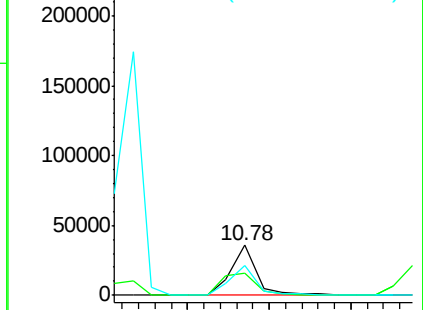
#53
 2,4-Dinitrophenol
 Concen: 90.30 ng
 RT: 10.78 min Scan# 866
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampled :
 FD-2MSD

Tgt Ion:184 Resp: 38845
 Ion Ratio Lower Upper
 184 100
 63 44.0 51.9 77.9#
 154 58.6 51.0 76.4

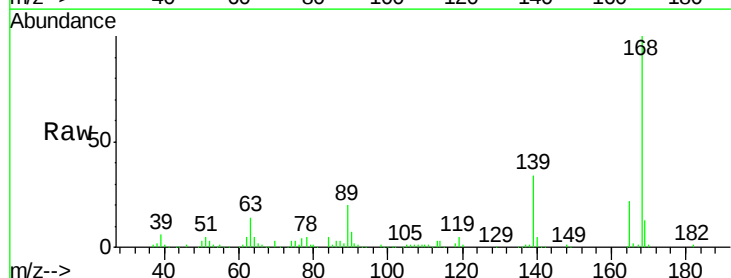


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

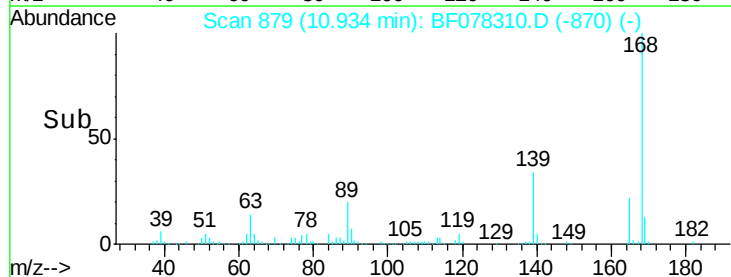
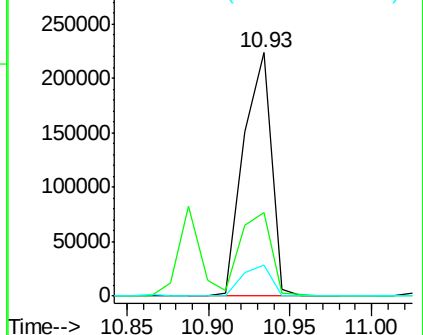


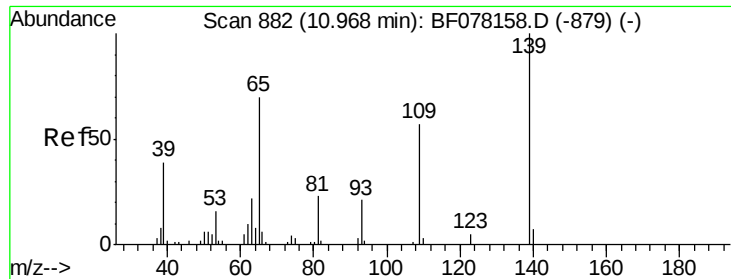
#54
 Dibenzofuran
 Concen: 43.91 ng
 RT: 10.93 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:168 Resp: 264091
 Ion Ratio Lower Upper
 168 100
 139 34.3 31.0 46.4
 169 12.7 10.7 16.1



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

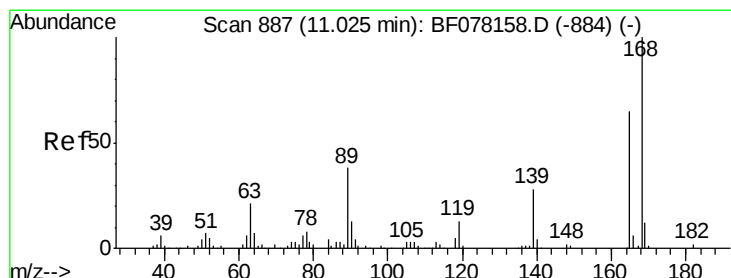
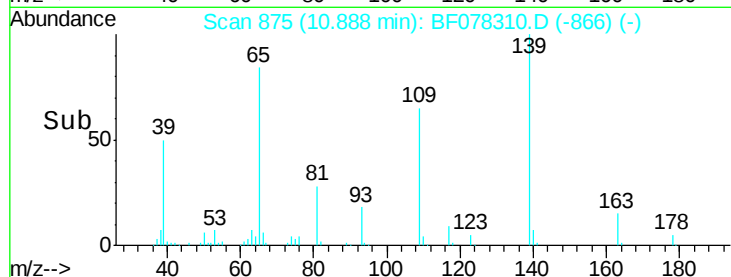
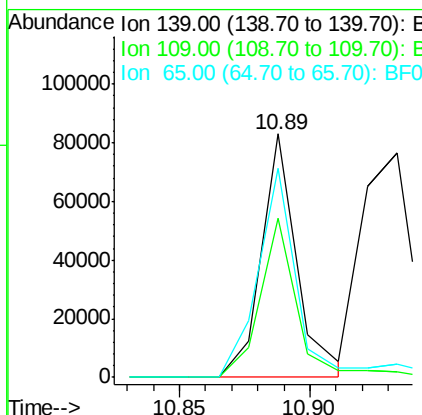
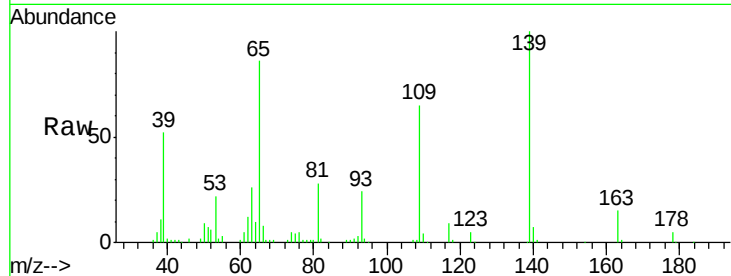




#55
4-Nitrophenol
Concen: 90.15 ng
RT: 10.89 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

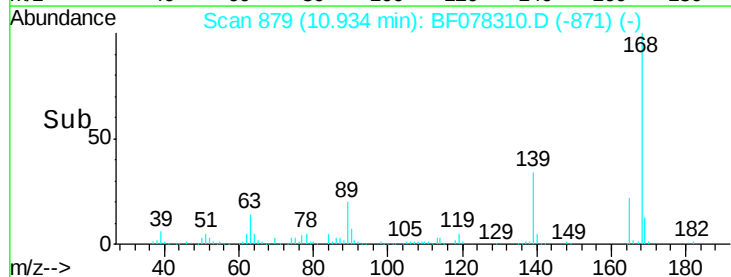
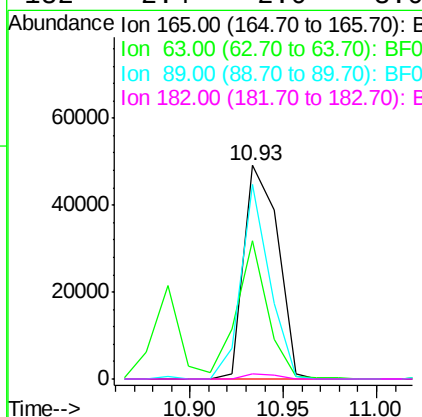
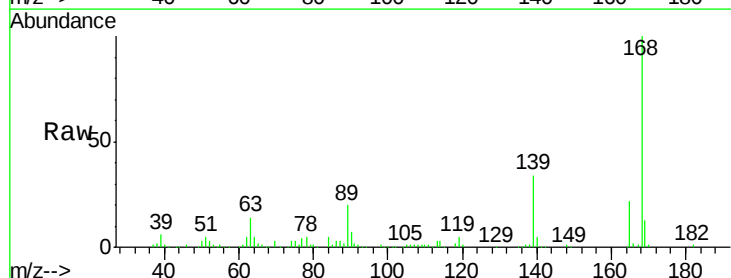
Instrument :
BNA_F
ClientSampled :
FD-2MSD

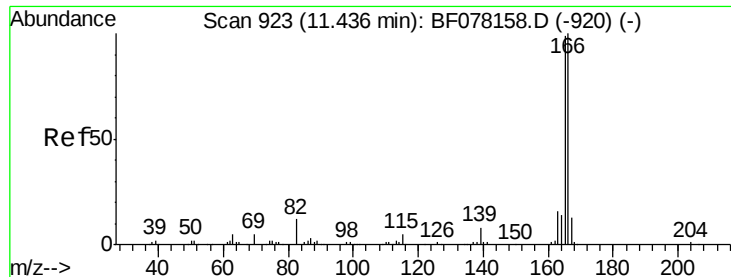
Tgt Ion:139 Resp: 78825
Ion Ratio Lower Upper
139 100
109 65.2 36.7 76.7
65 86.0 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 46.04 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:165 Resp: 62019
Ion Ratio Lower Upper
165 100
63 64.8 26.5 39.7#
89 91.0 46.4 69.6#
182 2.4 2.0 3.0

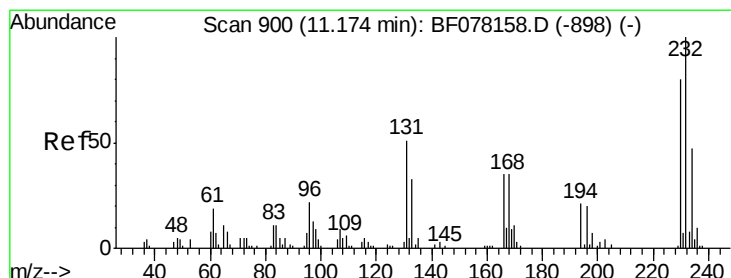
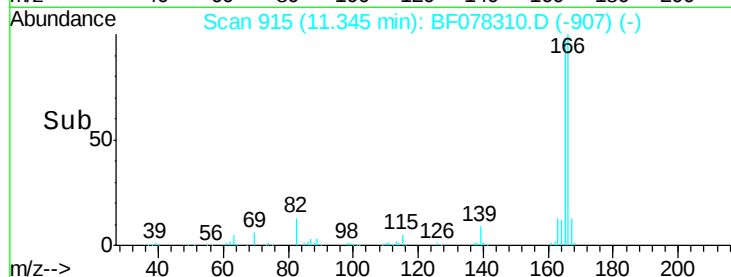
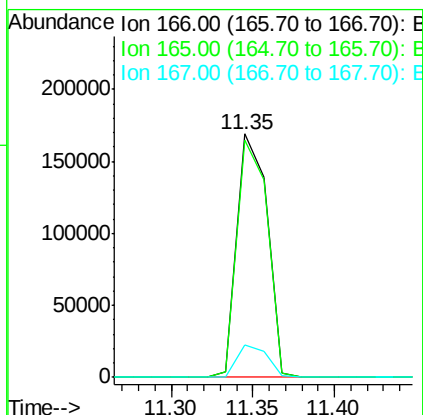
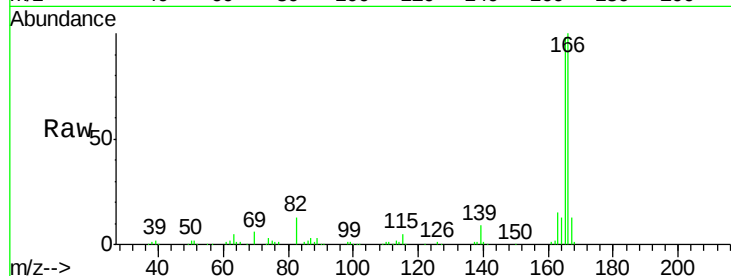




#57
 Fluorene
 Concen: 44.31 ng
 RT: 11.35 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

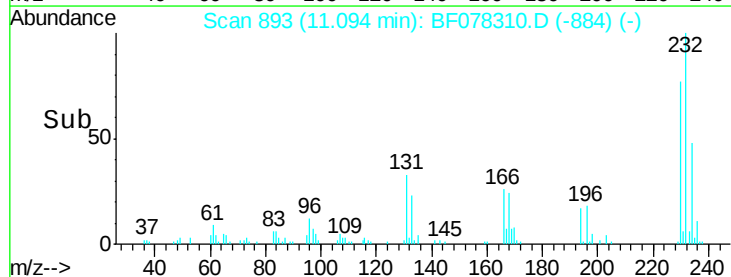
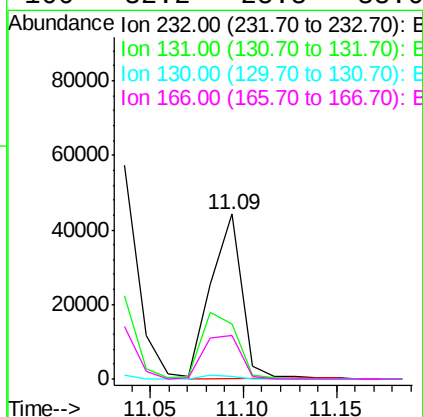
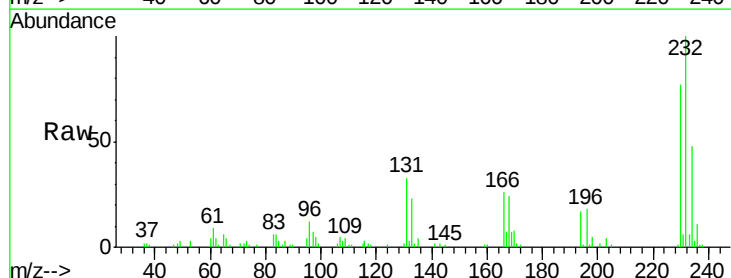
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

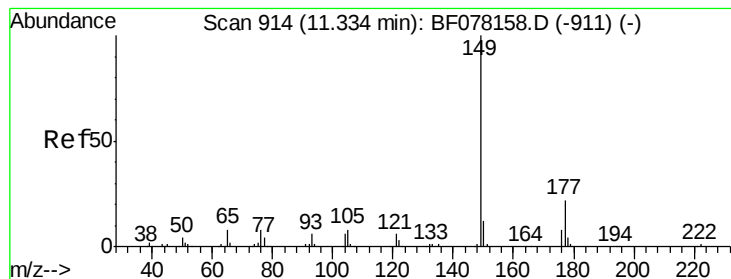
Tgt Ion:166 Resp: 216033
 Ion Ratio Lower Upper
 166 100
 165 97.7 78.9 118.3
 167 13.3 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 49.50 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:232 Resp: 50414
 Ion Ratio Lower Upper
 232 100
 131 47.2 37.8 56.8
 130 2.3 1.5 2.3#
 166 32.2 25.8 38.6





#59

Diethylphthalate

Concen: 44.65 ng

RT: 11.25 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

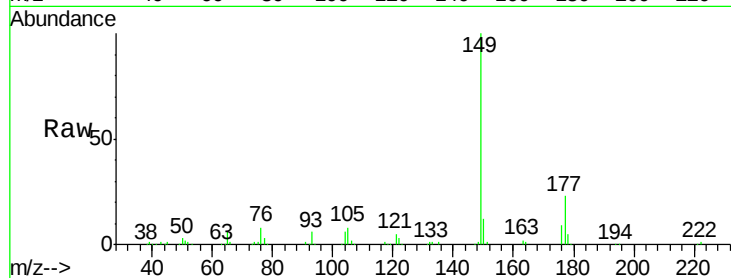
Tgt Ion:149 Resp: 217685

Ion Ratio Lower Upper

149 100

177 22.6 17.4 26.2

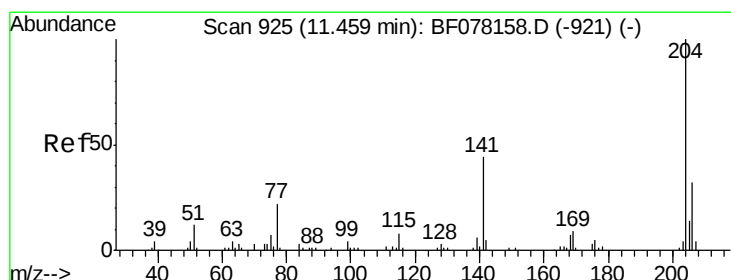
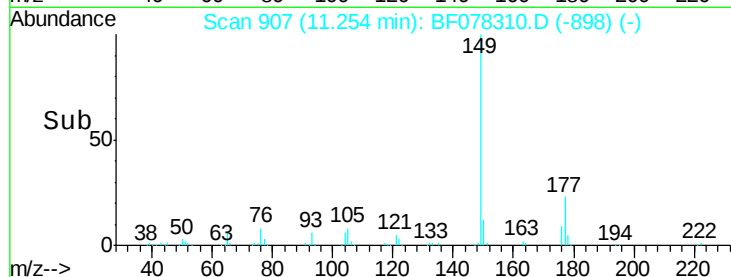
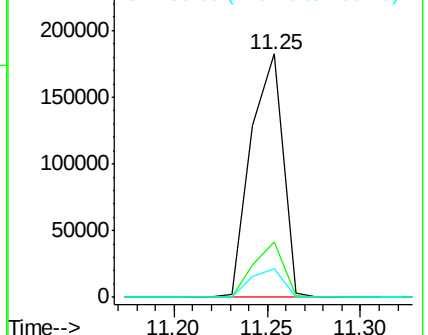
150 12.0 9.4 14.2



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: 44.56 ng

RT: 11.37 min Scan# 917

Delta R.T. 0.00 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

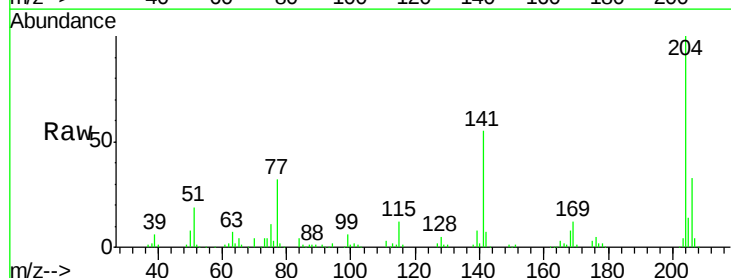
Tgt Ion:204 Resp: 99925

Ion Ratio Lower Upper

204 100

206 33.3 25.6 38.4

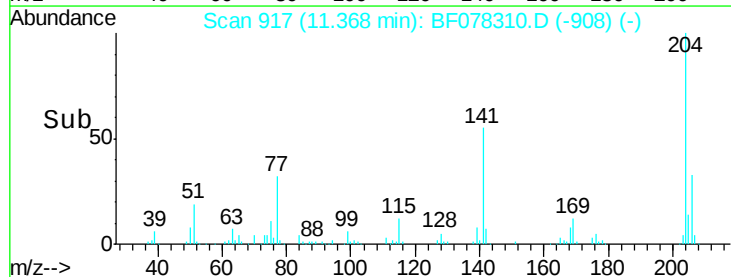
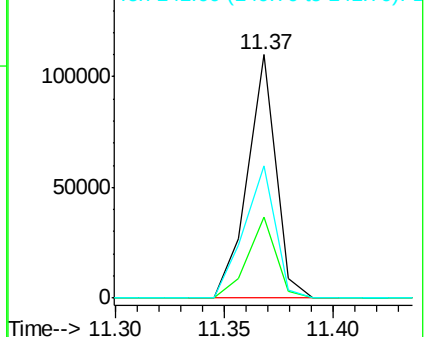
141 54.5 35.4 53.0#

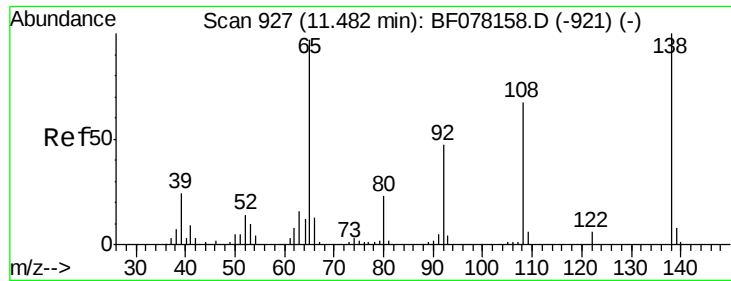


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

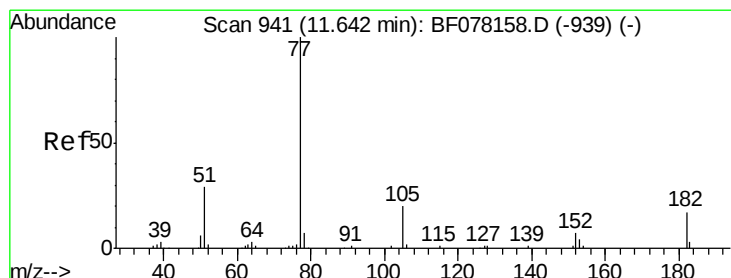
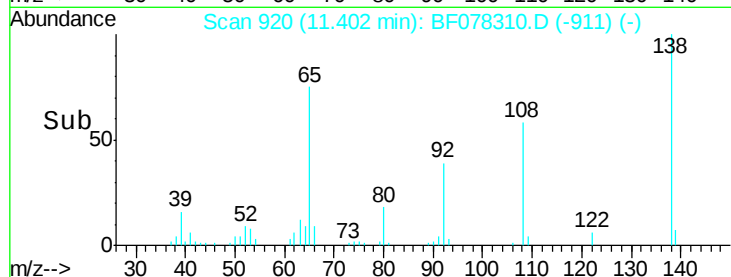
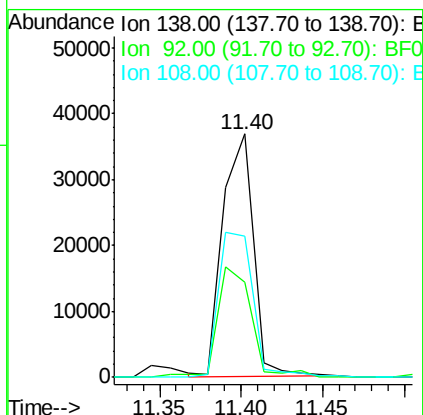
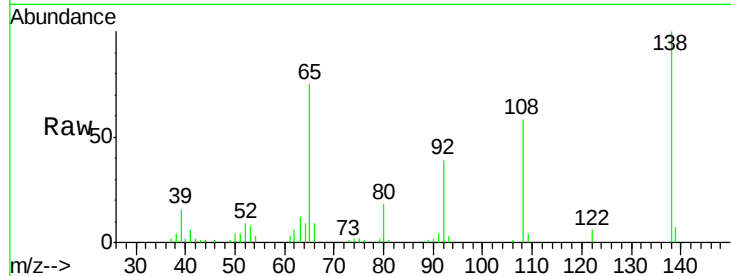




#61
4-Nitroaniline
Concen: 39.59 ng
RT: 11.40 min Scan# 920
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

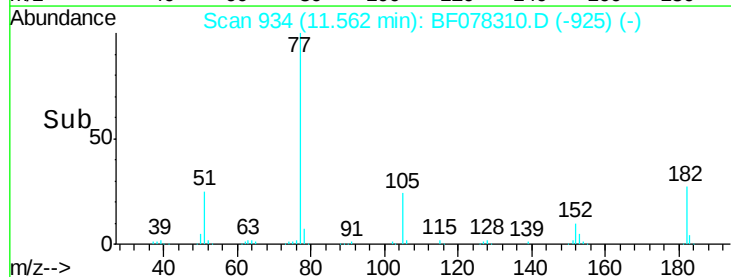
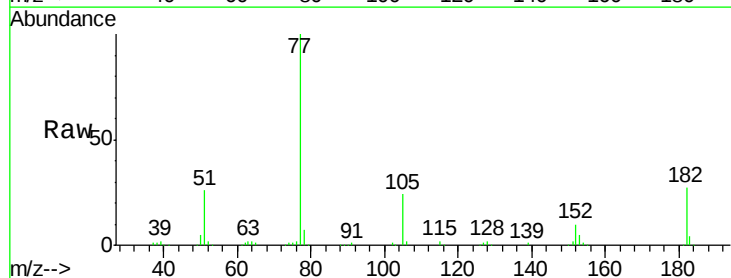
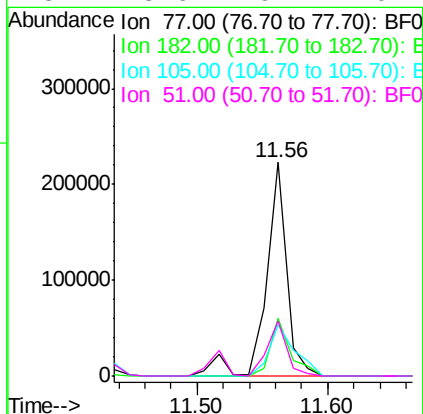
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

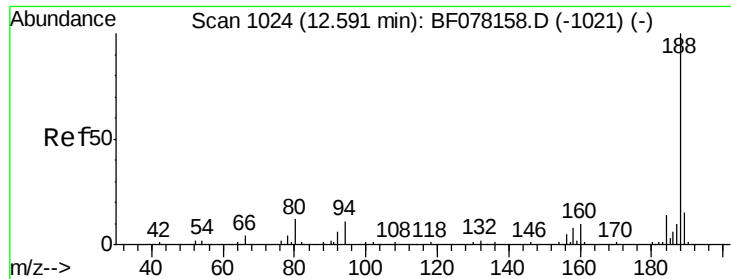
Tgt Ion:138 Resp: 47339
Ion Ratio Lower Upper
138 100
92 39.3 27.3 67.3
108 58.1 47.2 87.2



#62
Azobenzene
Concen: 55.84 ng
RT: 11.56 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion: 77 Resp: 248422
Ion Ratio Lower Upper
77 100
182 26.7 0.0 36.8
105 24.0 0.3 40.3
51 25.6 9.1 49.1

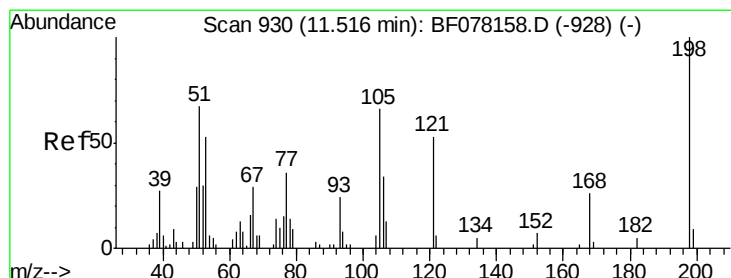
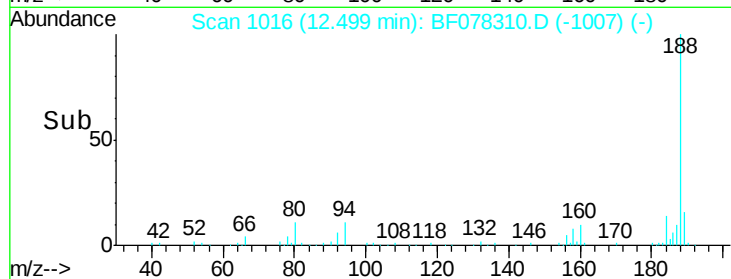
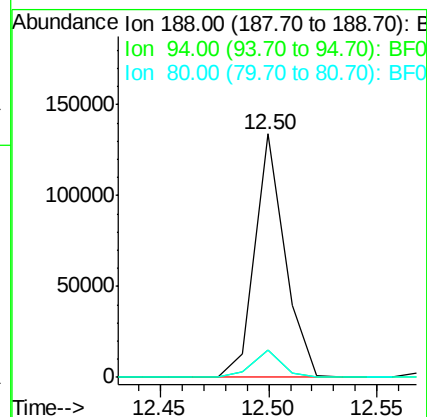
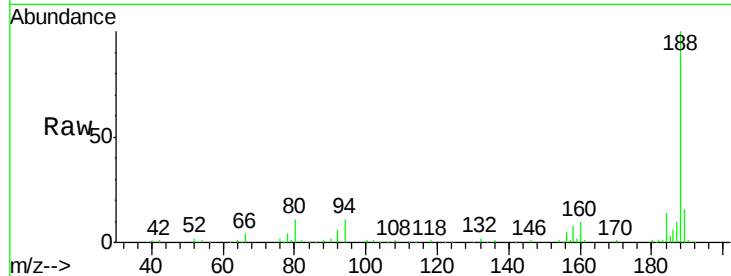




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.50 min Scan# 1016
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

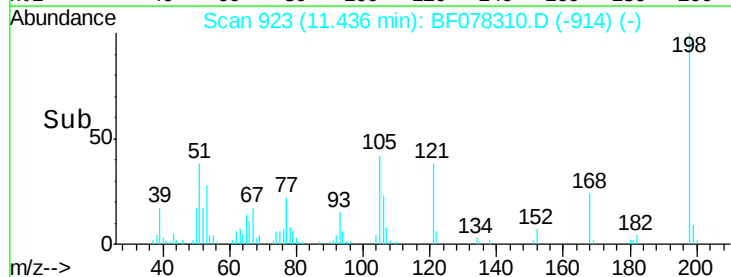
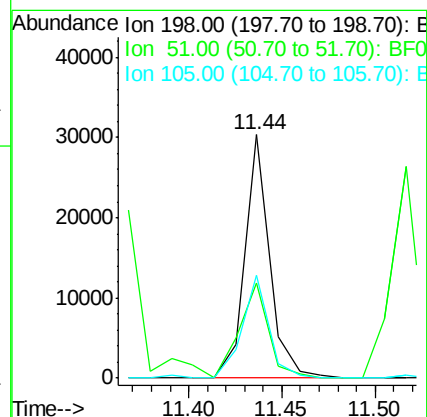
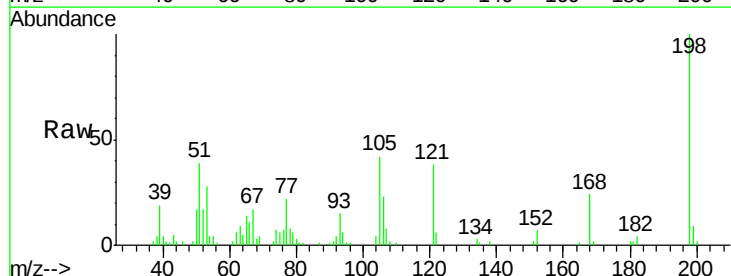
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

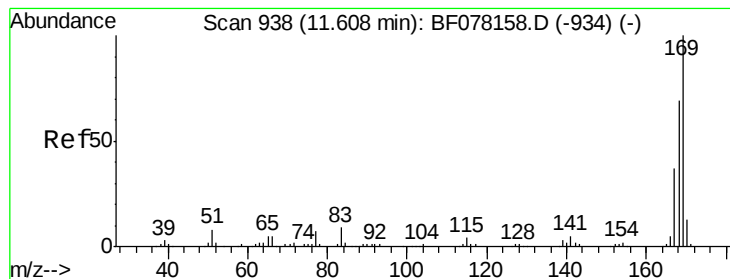
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.0	13.4
80	11.3	9.5	14.3



#64
 4,6-Dinitro-2-methylphenol
 Concen: 44.77 ng
 RT: 11.44 min Scan# 923
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion	Ratio	Lower	Upper
198	100		
51	38.9	48.6	88.6#
105	42.0	45.8	85.8#

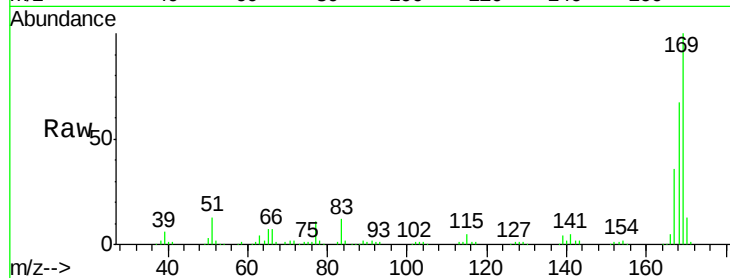




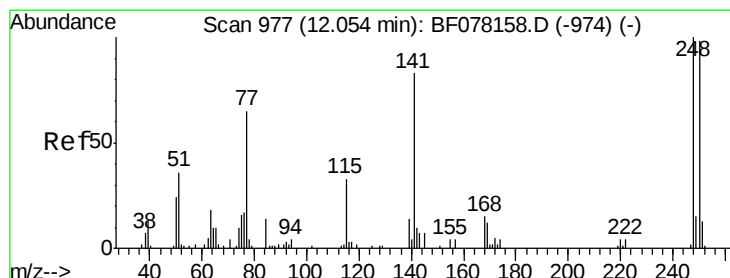
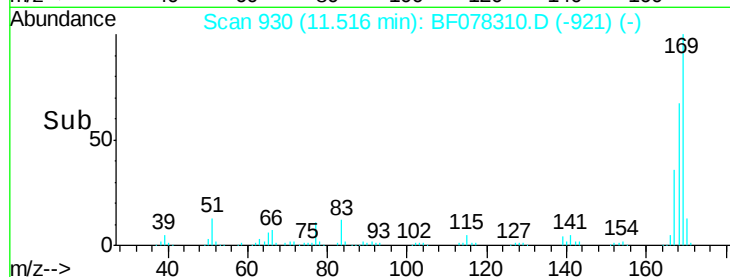
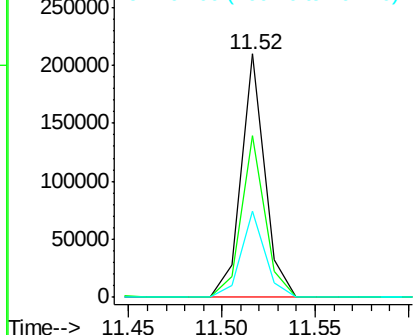
#65
 n-Nitrosodiphenylamine
 Concen: 41.89 ng
 RT: 11.52 min Scan# 930
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampled :
 FD-2MSD

Tgt Ion:169 Resp: 185798
 Ion Ratio Lower Upper
 169 100
 168 66.6 55.0 82.4
 167 35.6 29.3 43.9

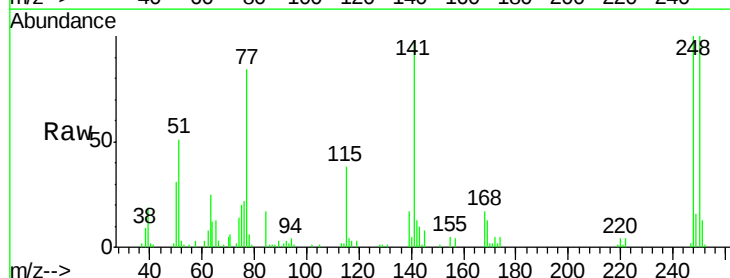


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

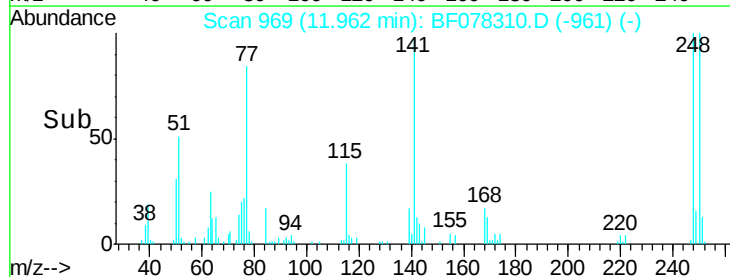
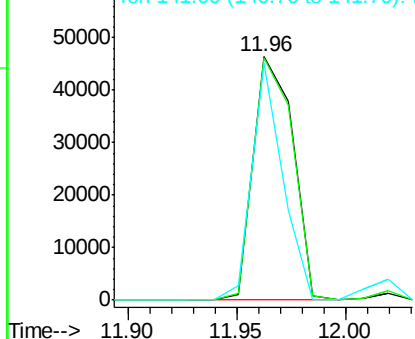


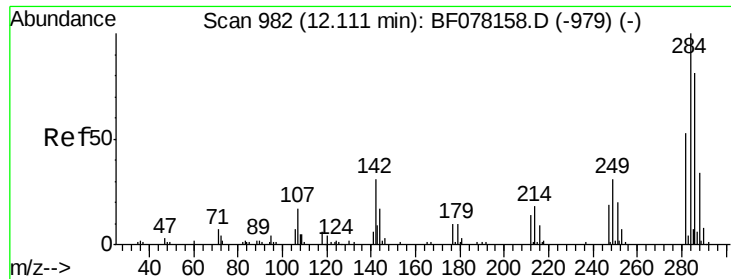
#66
 4-Bromophenyl-phenylether
 Concen: 43.55 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:248 Resp: 59148
 Ion Ratio Lower Upper
 248 100
 250 99.7 78.2 117.2
 141 97.4 66.4 99.6



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

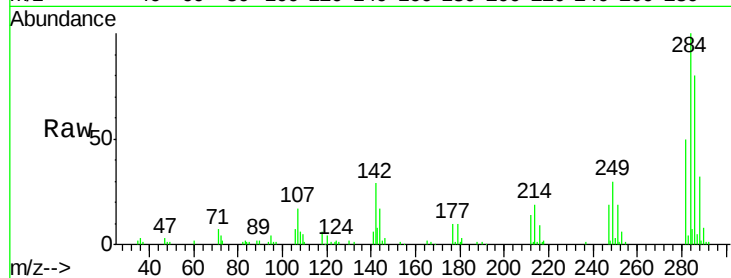




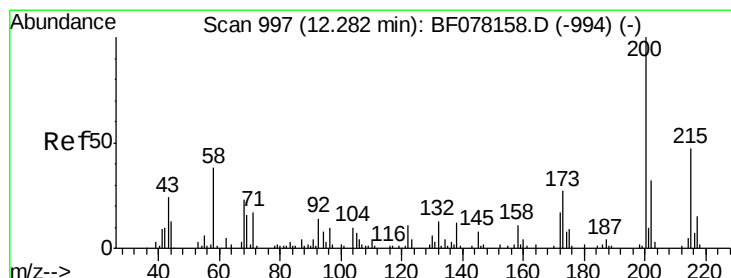
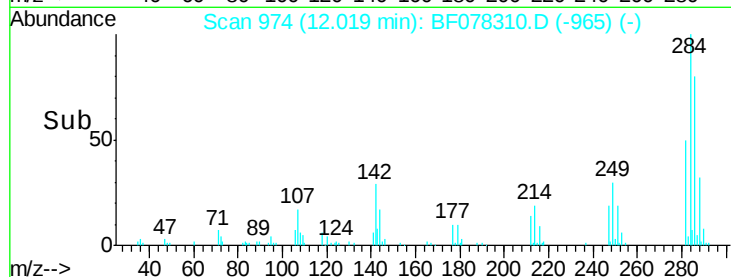
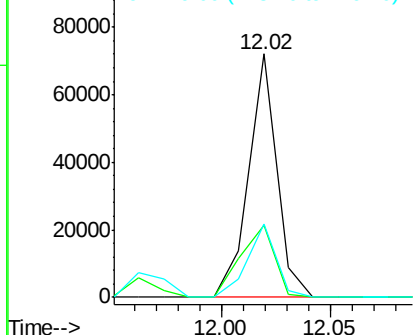
#67
Hexachlorobenzene
Concen: 43.73 ng
RT: 12.02 min Scan# 974
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:284 Resp: 65082
Ion Ratio Lower Upper
284 100
142 29.5 24.5 36.7
249 30.2 24.8 37.2

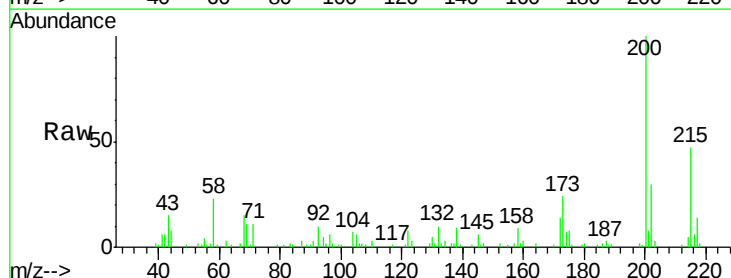


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

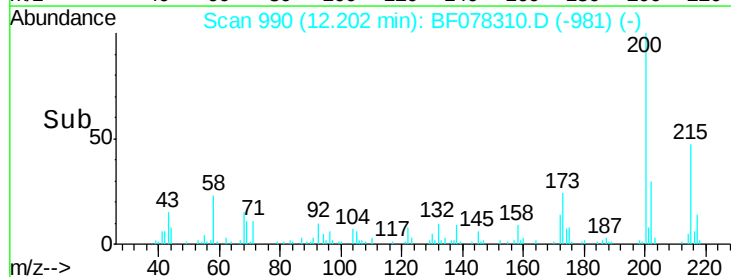
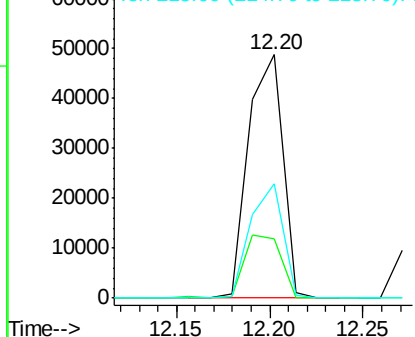


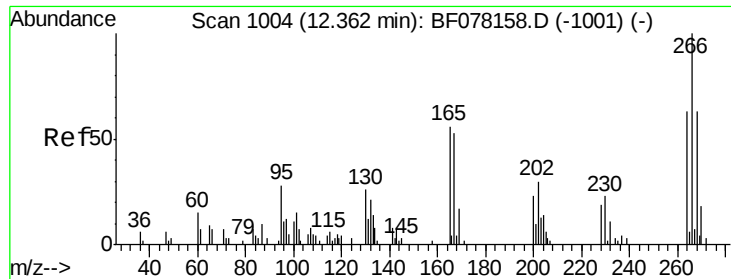
#68
Atrazine
Concen: 48.35 ng
RT: 12.20 min Scan# 990
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:200 Resp: 62122
Ion Ratio Lower Upper
200 100
173 24.3 6.9 46.9
215 47.0 27.1 67.1



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

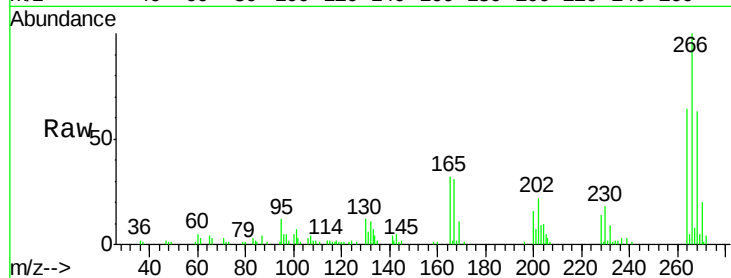




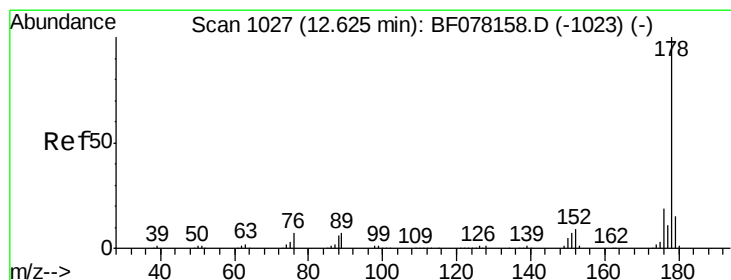
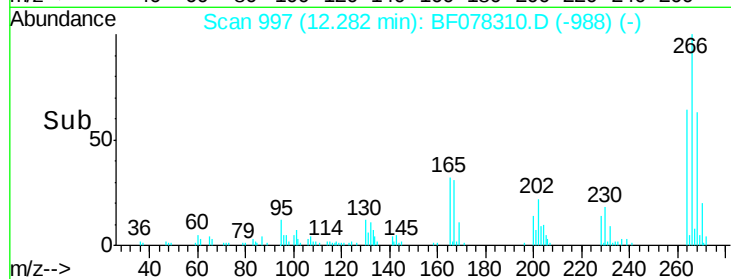
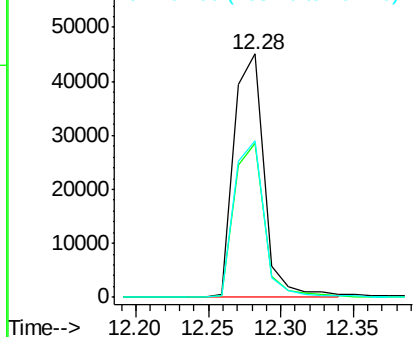
#69
 Pentachlorophenol
 Concen: 97.36 ng
 RT: 12.28 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

Tgt Ion: 266 Resp: 65479
 Ion Ratio Lower Upper
 266 100
 268 63.2 50.1 75.1
 264 64.3 50.0 75.0

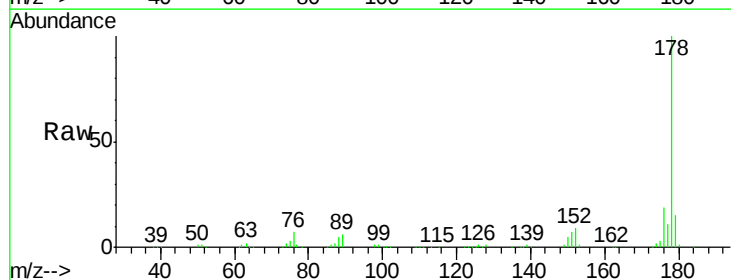


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

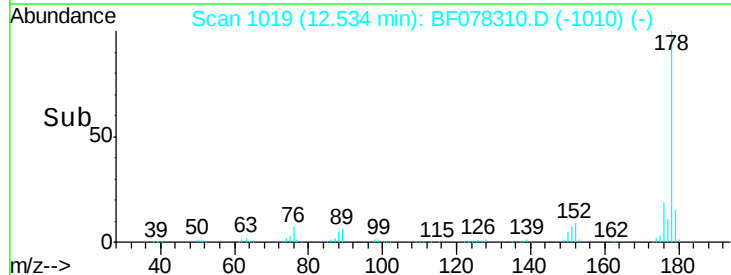
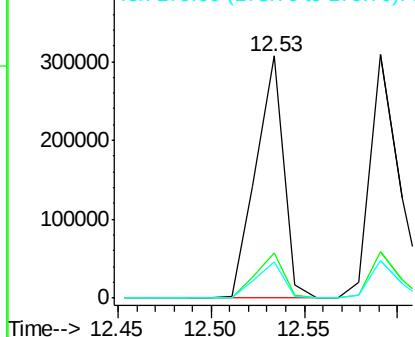


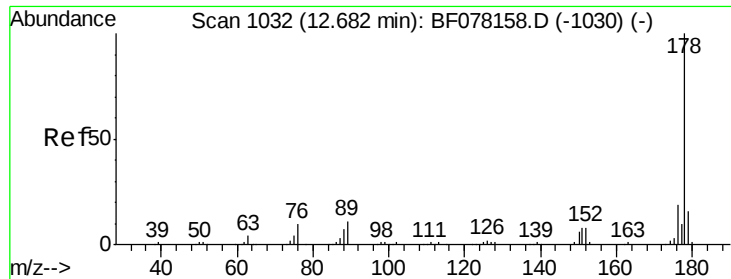
#70
 Phenanthrene
 Concen: 43.33 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion: 178 Resp: 321426
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.4 23.0
 179 15.1 12.2 18.2



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

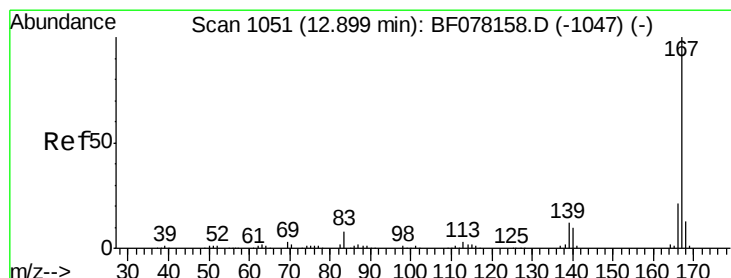
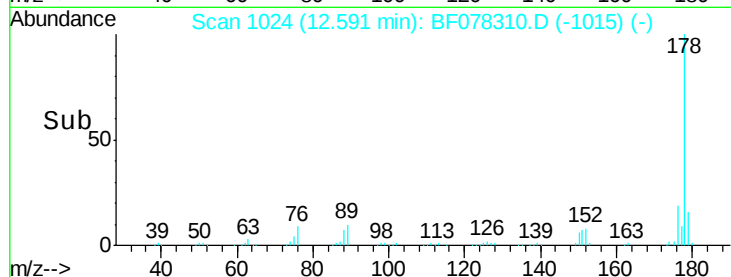
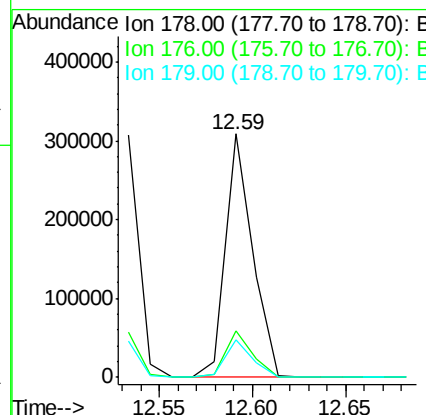
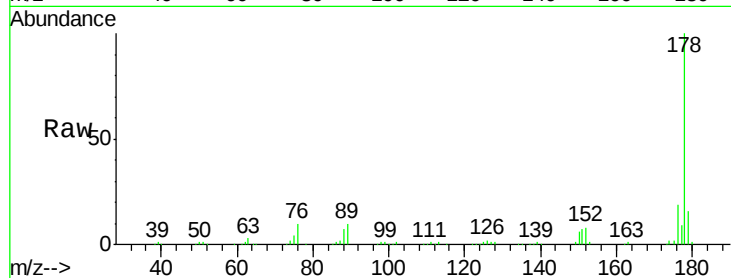




#71
 Anthracene
 Concen: 43.12 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

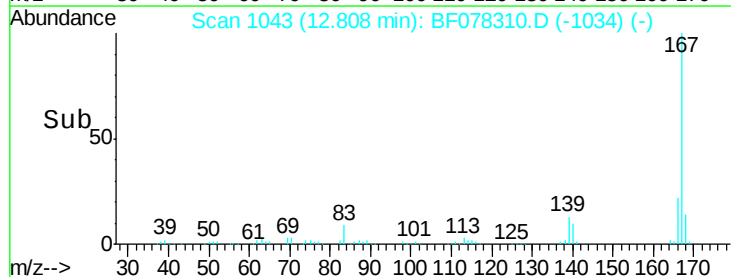
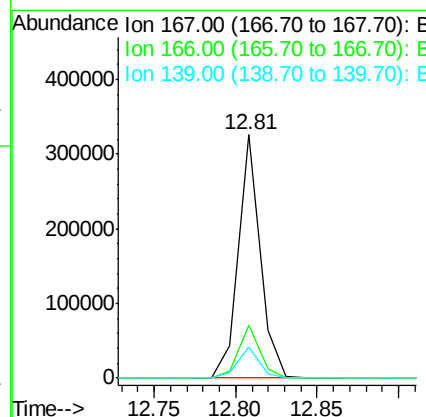
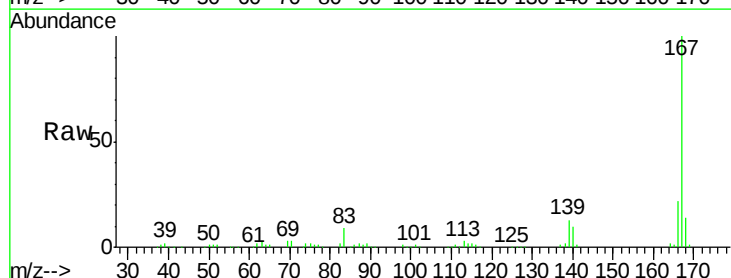
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

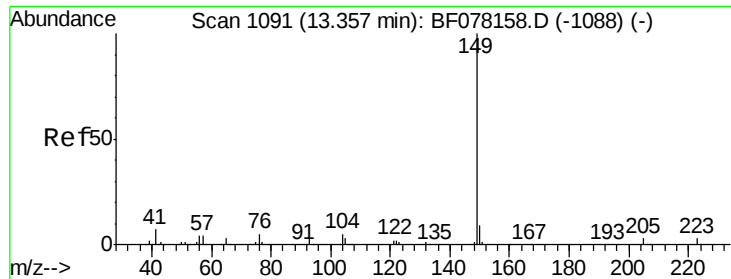
Tgt Ion:178 Resp: 315172
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.8 22.2
 179 15.7 12.4 18.6



#72
 Carbazole
 Concen: 43.90 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:167 Resp: 300714
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.8 25.2
 139 13.0 10.0 15.0

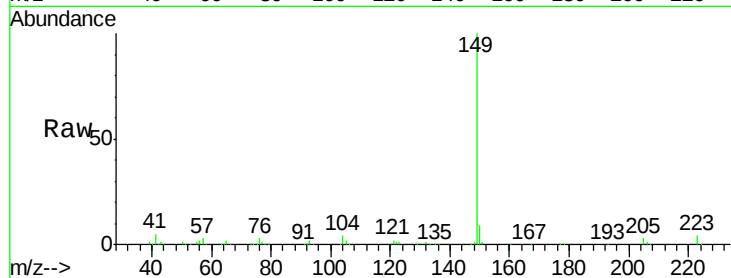




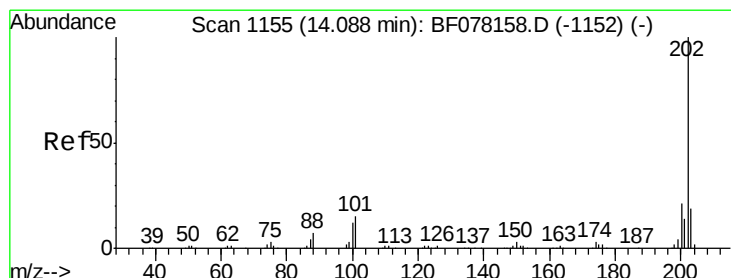
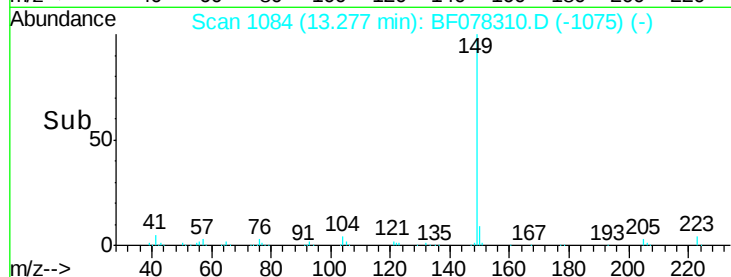
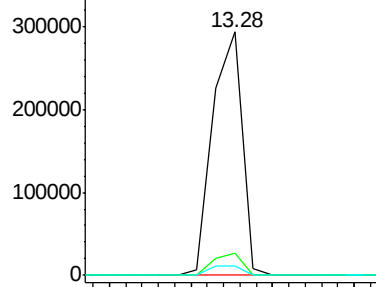
#73
Di-n-butylphthalate
Concen: 47.24 ng
RT: 13.28 min Scan# 1084
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:149 Resp: 366594
Ion Ratio Lower Upper
149 100
150 8.9 7.1 10.7
104 3.9 3.8 5.6

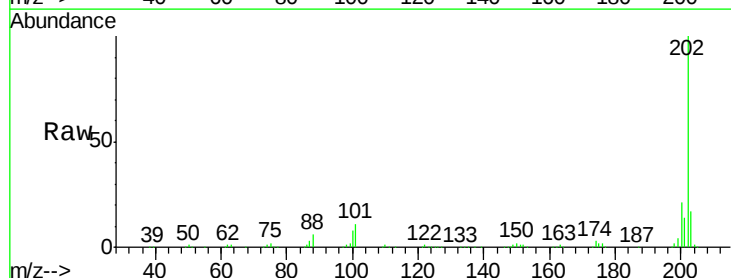


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

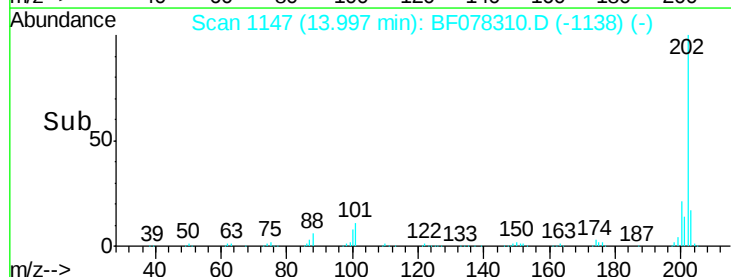
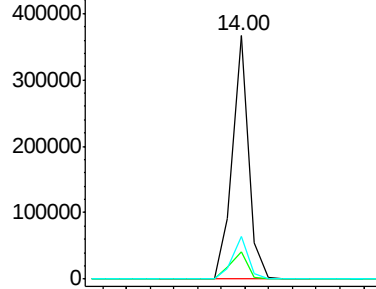


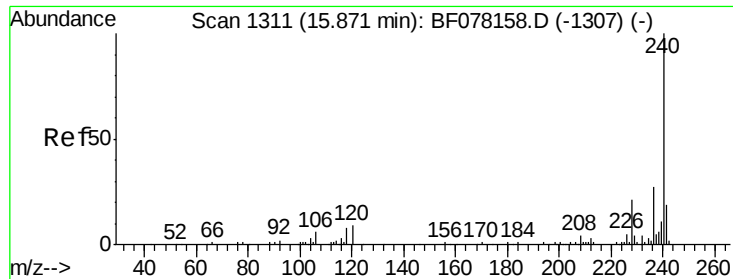
#74
Fluoranthene
Concen: 45.26 ng
RT: 14.00 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:202 Resp: 354051
Ion Ratio Lower Upper
202 100
101 11.3 0.0 35.2
203 17.4 0.0 38.5



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

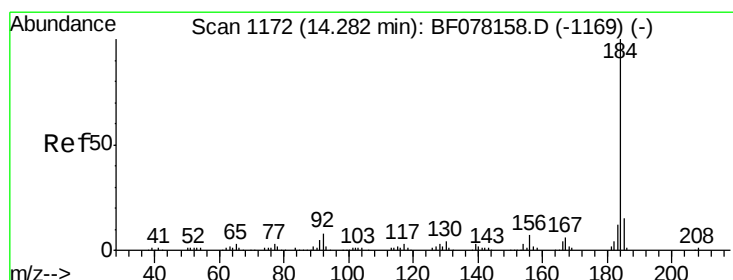
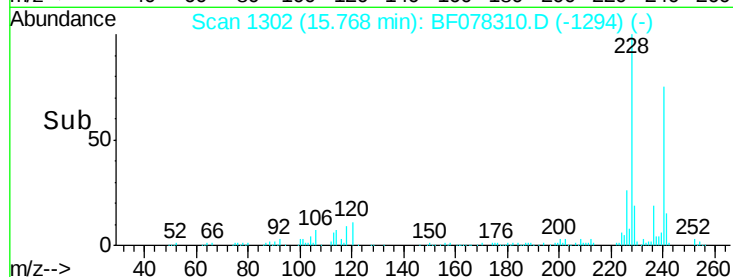
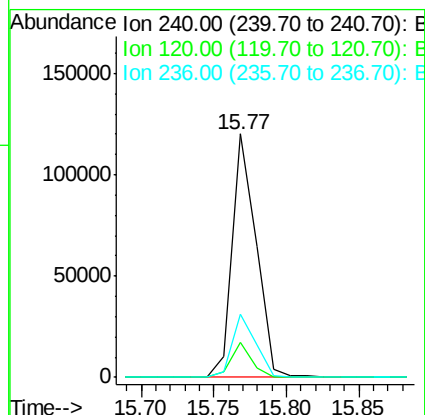
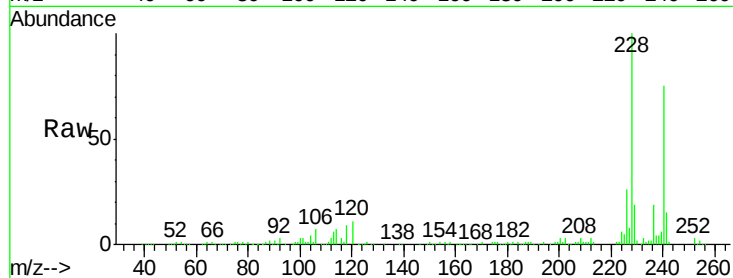




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.77 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

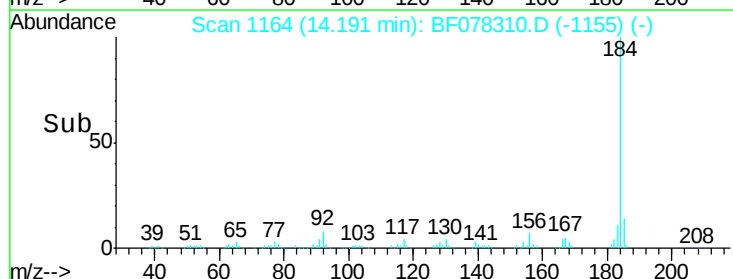
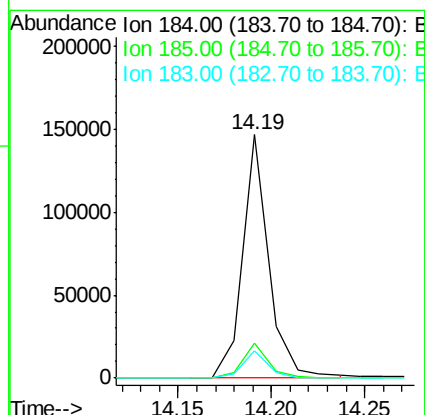
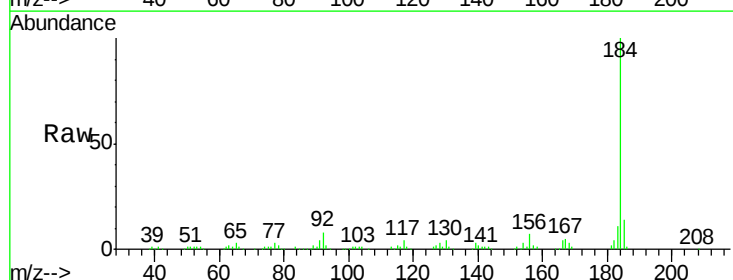
Instrument :
BNA_F
ClientSampleId :
FD-2MSD

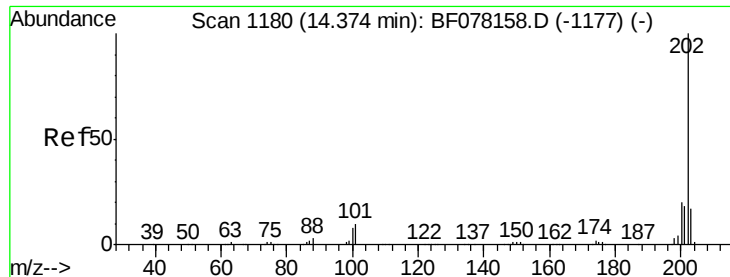
Tgt Ion:240 Resp: 137664
Ion Ratio Lower Upper
240 100
120 14.4 7.1 10.7#
236 25.8 21.4 32.2



#76
Benzidine
Concen: 27.06 ng
RT: 14.19 min Scan# 1164
Delta R.T. 0.00 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:184 Resp: 143447
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.2 9.5 14.3

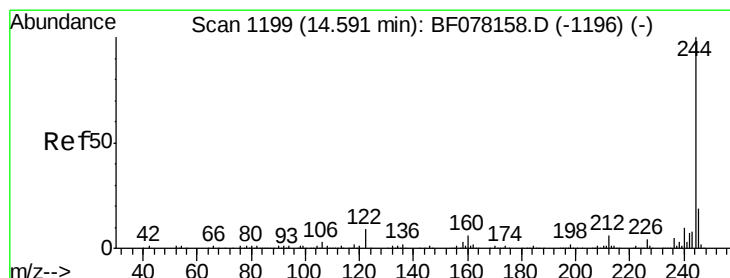
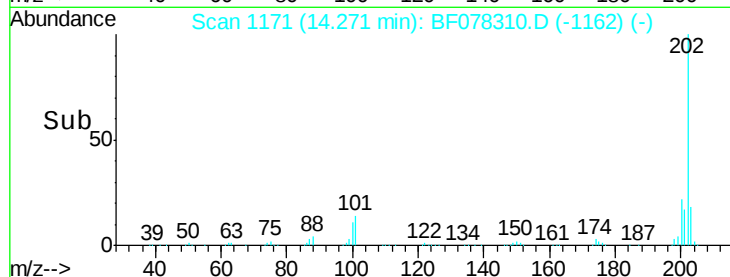
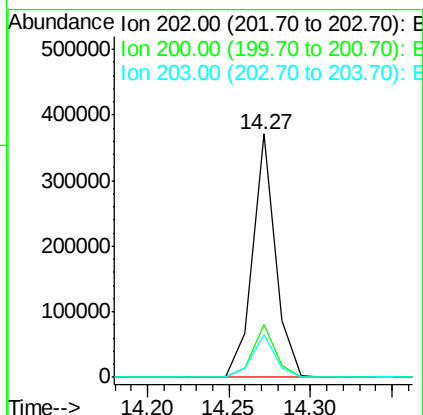
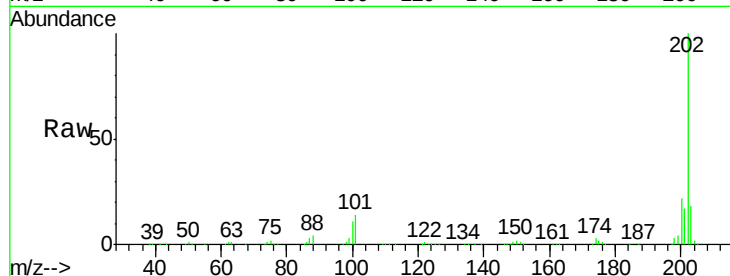




#77
 Pyrene
 Concen: 41.98 ng
 RT: 14.27 min Scan# 1171
 Delta R.T. 0.00 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

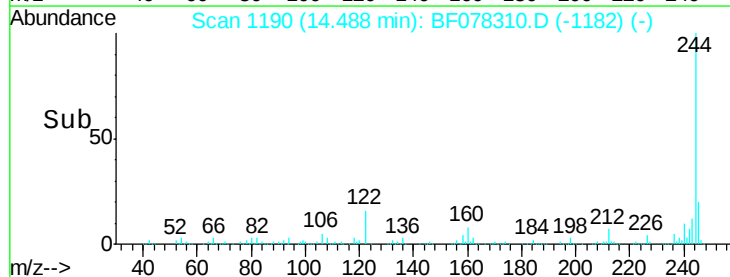
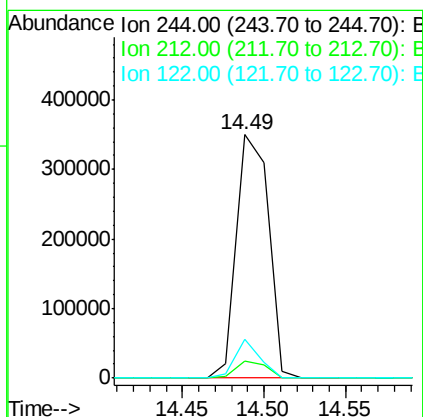
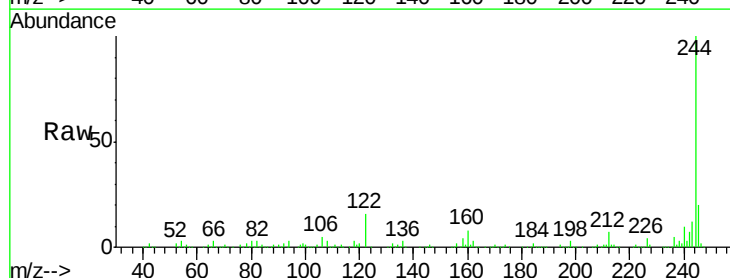
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

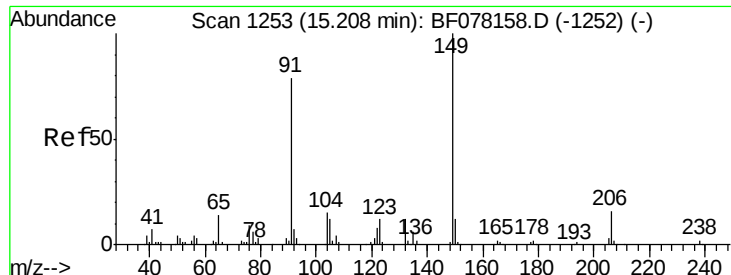
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	16.3	24.5
203	17.6	13.8	20.6



#78
 Terphenyl-d14
 Concen: 77.90 ng
 RT: 14.49 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.0	7.4
122	16.2	7.1	10.7#





#79

Butylbenzylphthalate

Concen: 49.17 ng

RT: 15.12 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

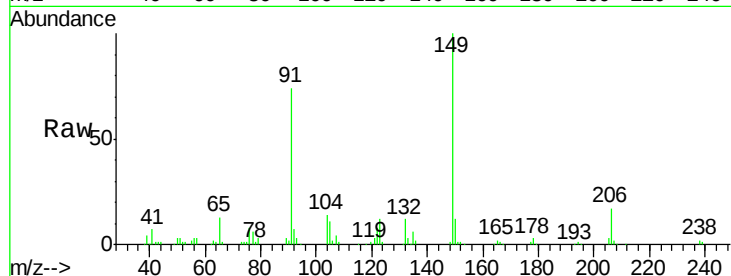
Tgt Ion:149 Resp: 161943

Ion Ratio Lower Upper

149 100

91 74.2 64.2 96.2

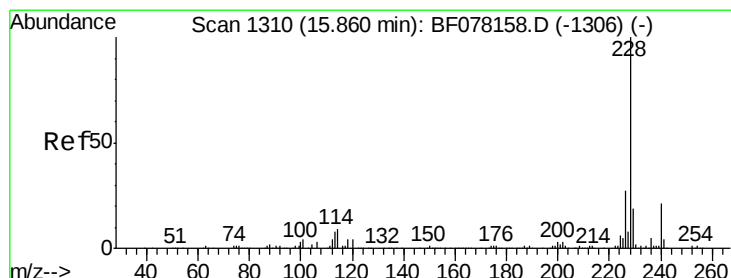
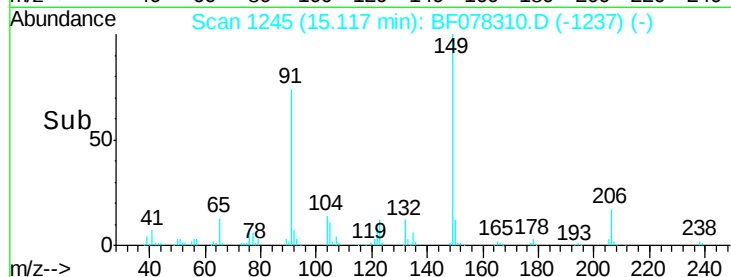
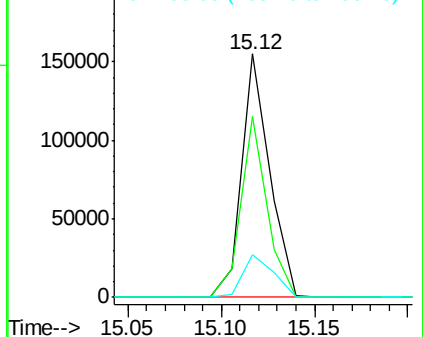
206 17.5 12.6 18.8



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: 41.47 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

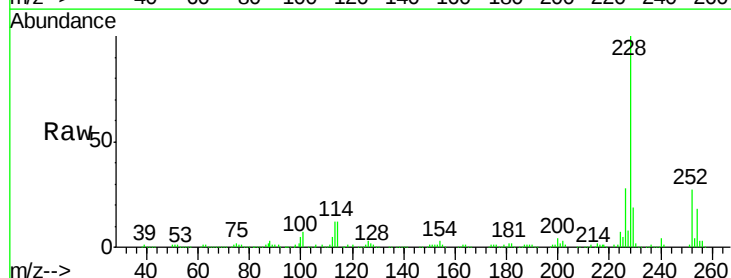
Tgt Ion:228 Resp: 339691

Ion Ratio Lower Upper

228 100

226 27.6 21.3 31.9

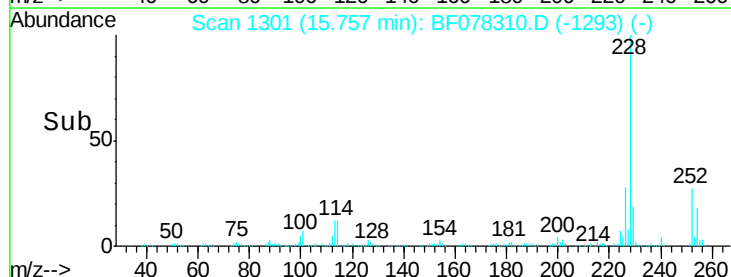
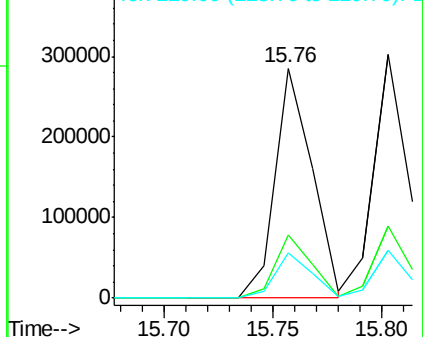
229 19.4 15.4 23.2

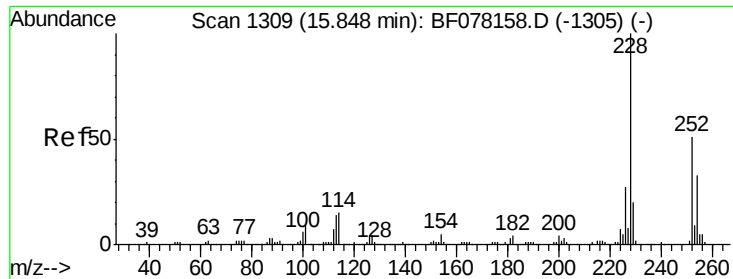


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

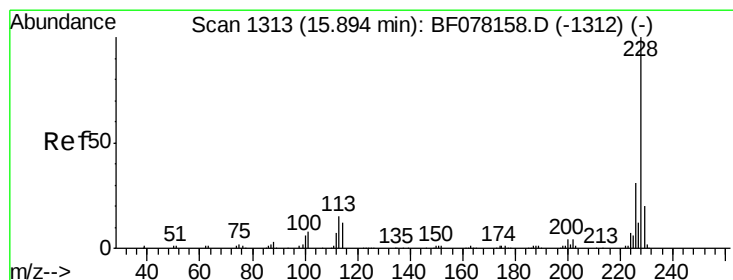
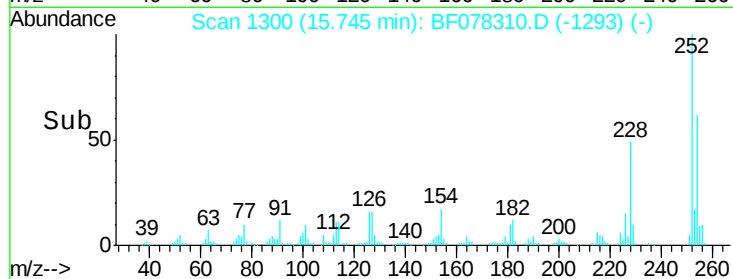
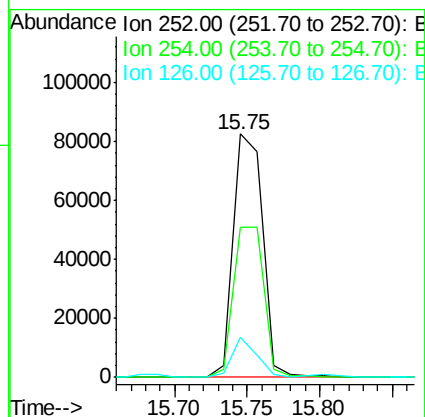
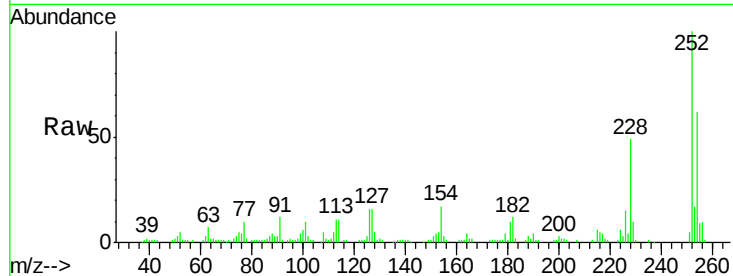




#81
 3,3'-Dichlorobenzidine
 Concen: 42.27 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

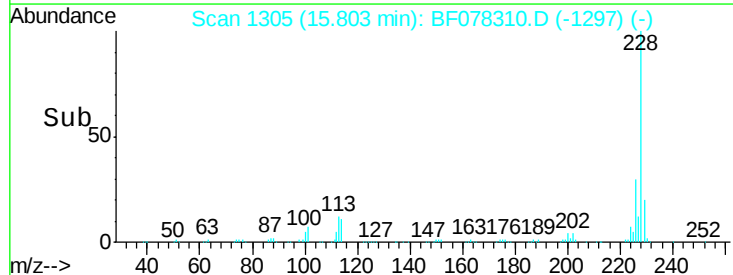
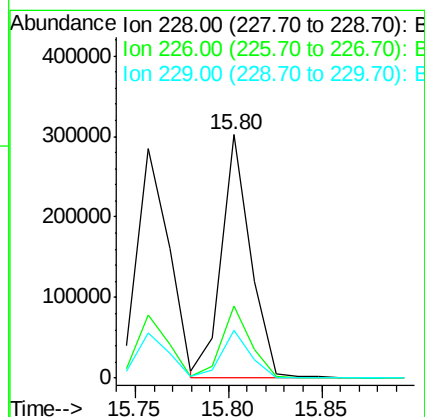
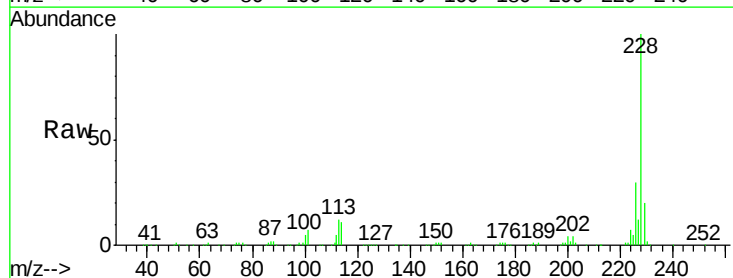
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

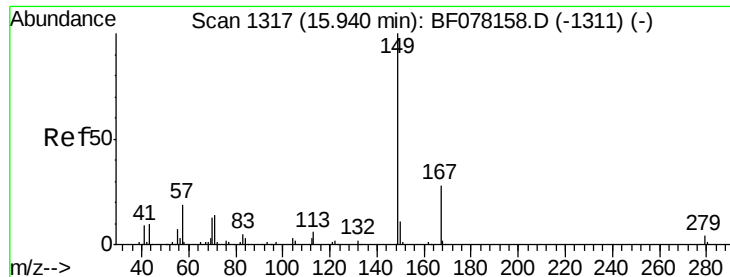
Tgt Ion:252 Resp: 115947
 Ion Ratio Lower Upper
 252 100
 254 61.7 51.2 76.8
 126 16.3 6.3 9.5#



#82
 Chrysene
 Concen: 42.48 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:228 Resp: 326934
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.9 15.8 23.8

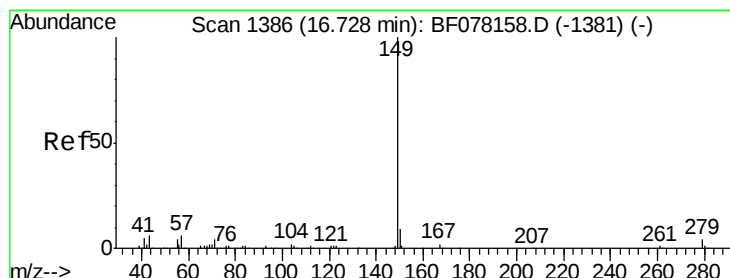
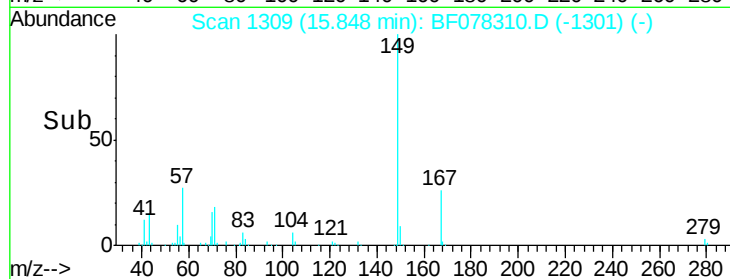
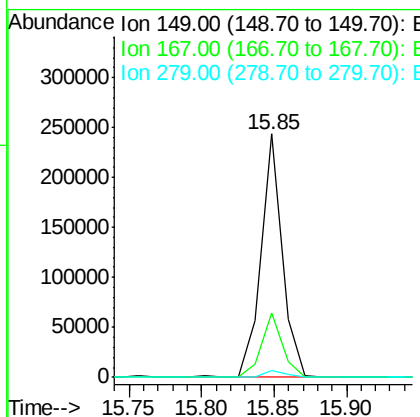
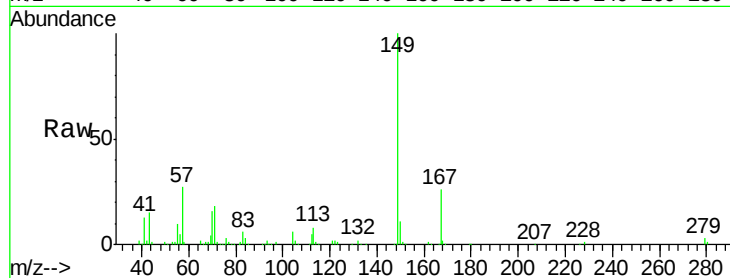




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.17 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

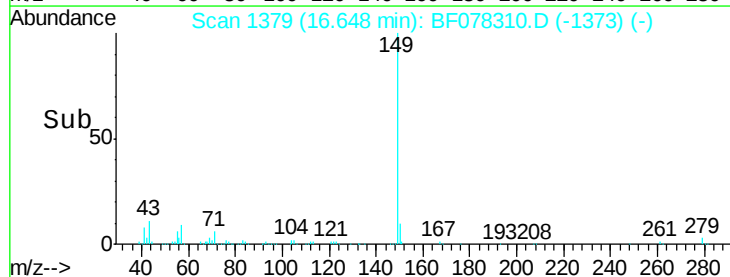
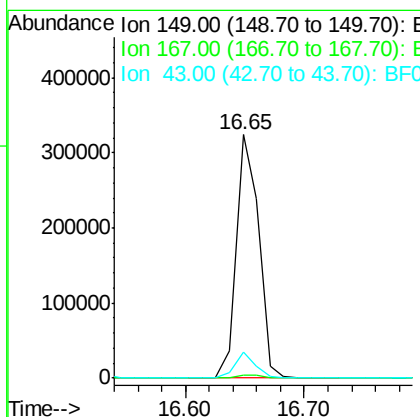
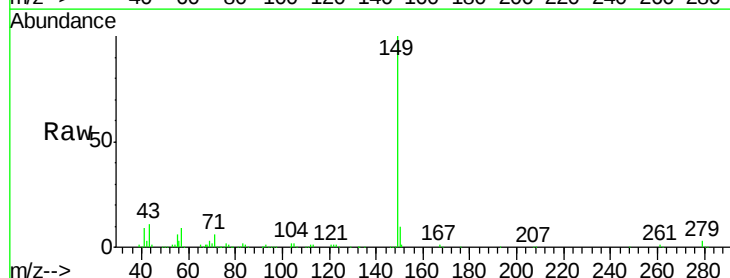
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

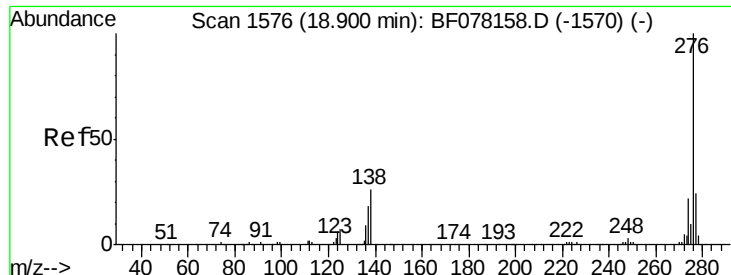
Tgt Ion:149 Resp: 248834
 Ion Ratio Lower Upper
 149 100
 167 26.3 22.2 33.2
 279 2.9 3.2 4.8#



#84
 Di-n-octyl phthalate
 Concen: 50.16 ng
 RT: 16.65 min Scan# 1379
 Delta R.T. -0.03 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion:149 Resp: 425498
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.1 0.0 0.0#

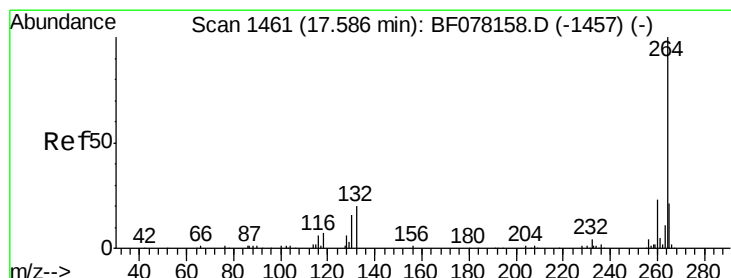
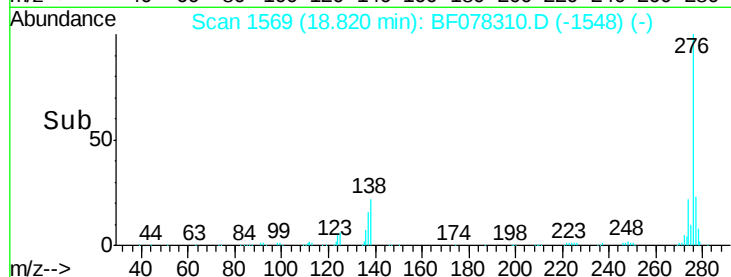
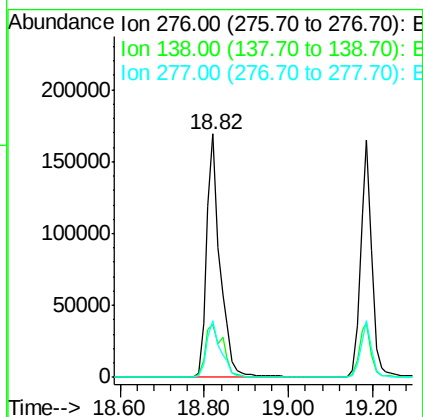
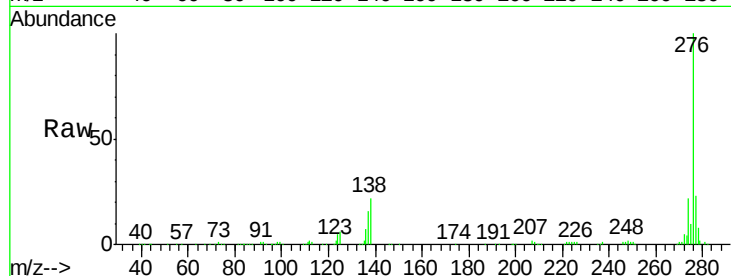




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.09 ng
 RT: 18.82 min Scan# 1569
 Delta R.T. -0.06 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

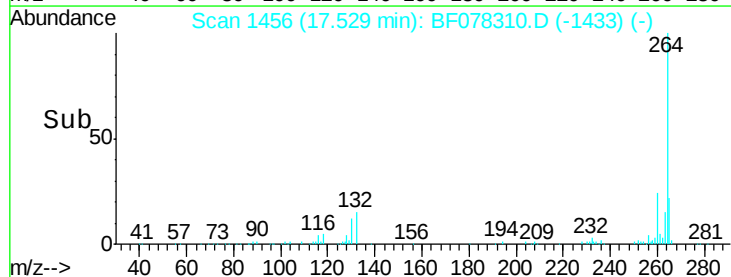
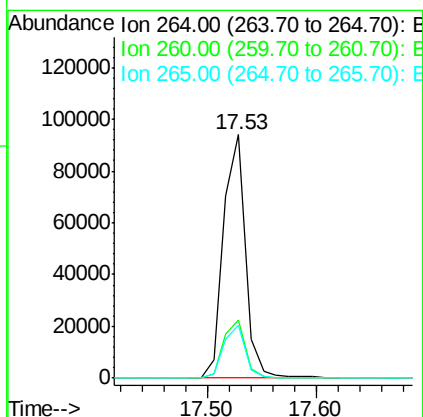
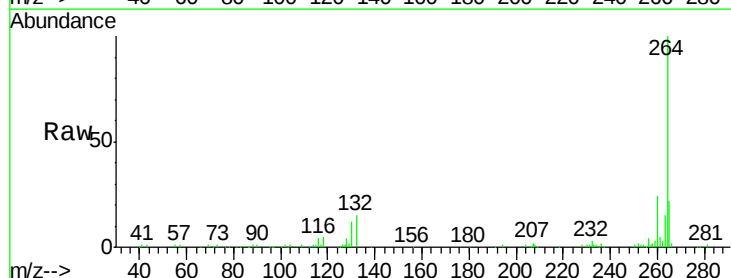
Instrument :
 BNA_F
 ClientSampleId :
 FD-2MSD

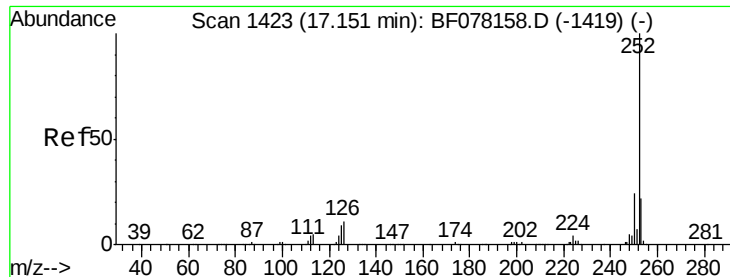
Tgt Ion: 276 Resp: 376292
 Ion Ratio Lower Upper
 276 100
 138 28.9 16.9 25.3#
 277 24.5 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.53 min Scan# 1456
 Delta R.T. -0.03 min
 Lab File: BF078310.D
 Acq: 7 Apr 2015 20:59

Tgt Ion: 264 Resp: 131654
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 27.8
 265 21.5 17.0 25.6

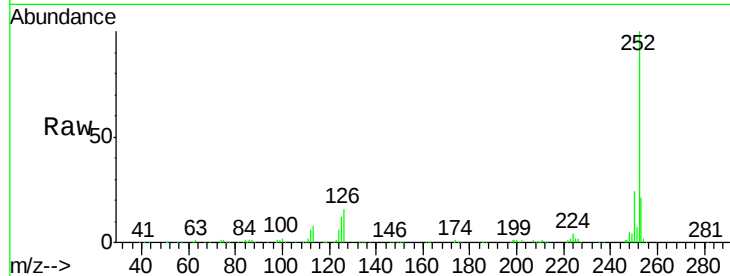




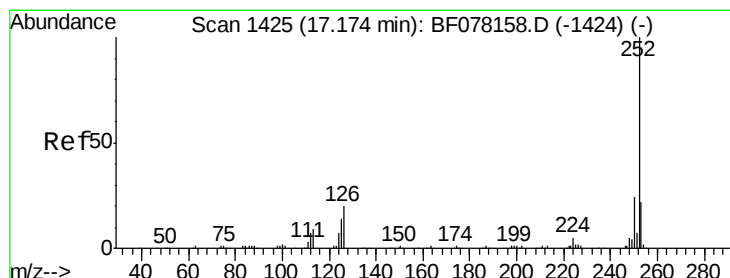
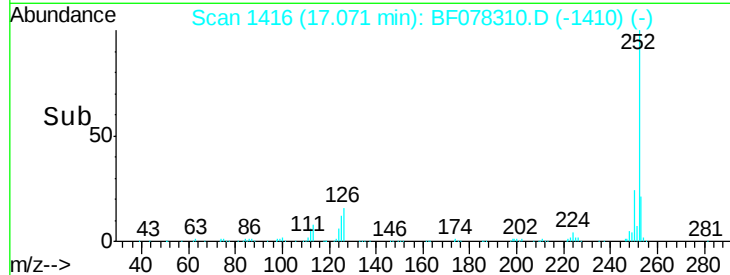
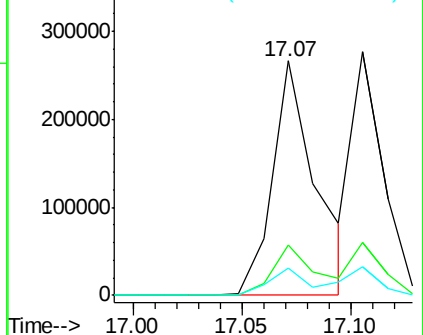
#87
Benzo(b)fluoranthene
Concen: 45.61 ng
RT: 17.07 min Scan# 1416
Delta R.T. -0.03 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Instrument :
BNA_F
ClientSampleId :
FD-2MSD

Tgt Ion:252 Resp: 371126
Ion Ratio Lower Upper
252 100
253 21.4 17.2 25.8
125 11.8 7.0 10.4#

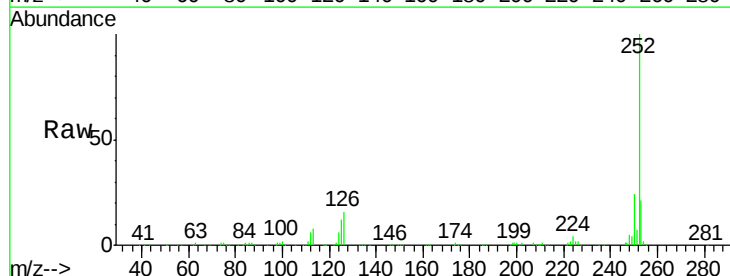


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

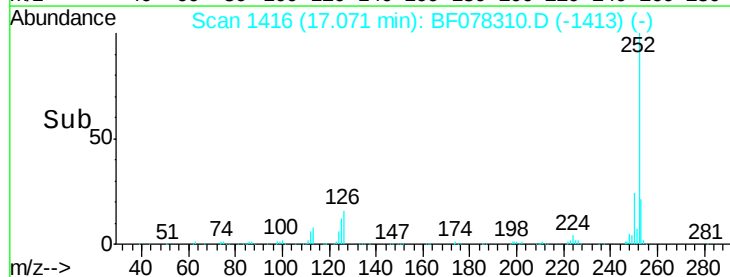
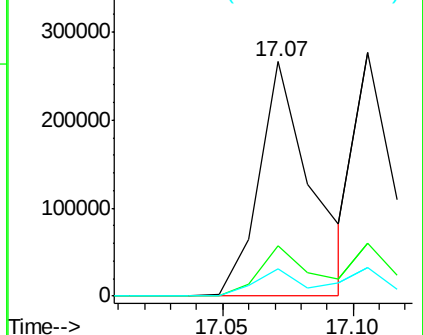


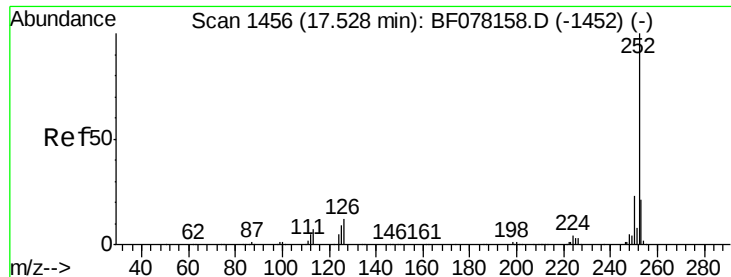
#88
Benzo(k)fluoranthene
Concen: 51.32 ng
RT: 17.07 min Scan# 1416
Delta R.T. -0.07 min
Lab File: BF078310.D
Acq: 7 Apr 2015 20:59

Tgt Ion:252 Resp: 371108
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 11.8 11.6 17.4



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





#89

Benzo(a)pyrene

Concen: 44.84 ng

RT: 17.46 min Scan# 1450

Delta R.T. -0.03 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

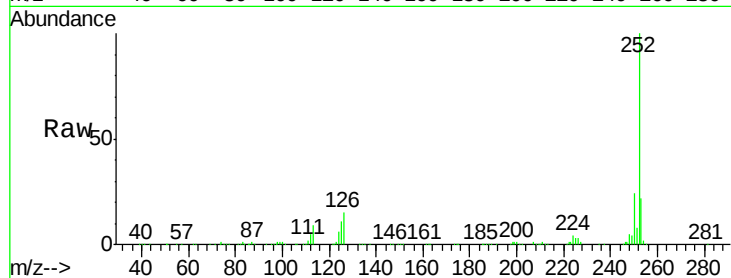
Tgt Ion:252 Resp: 318419

Ion Ratio Lower Upper

252 100

253 21.8 16.8 25.2

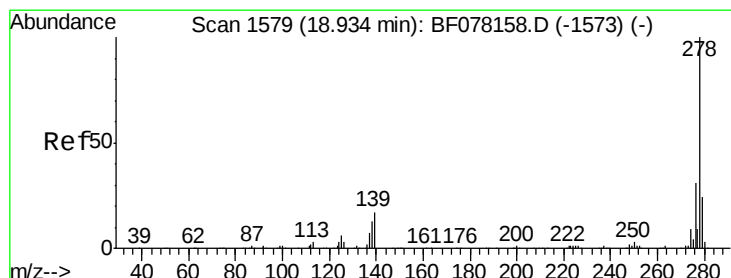
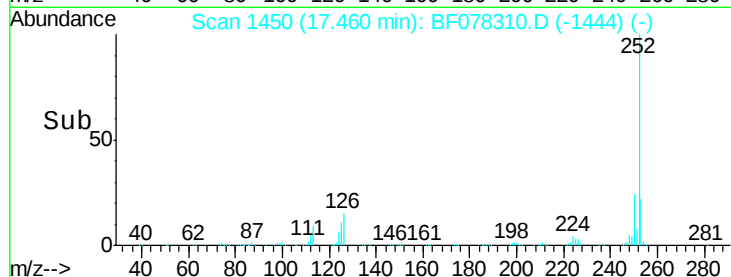
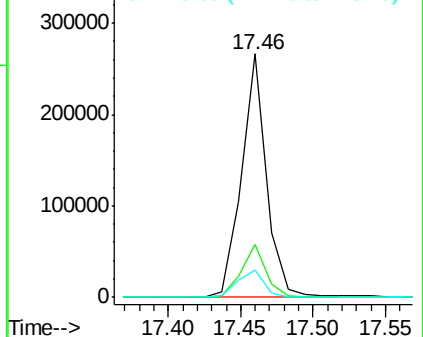
125 11.3 7.4 11.0#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.02 ng

RT: 18.84 min Scan# 1571

Delta R.T. -0.06 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

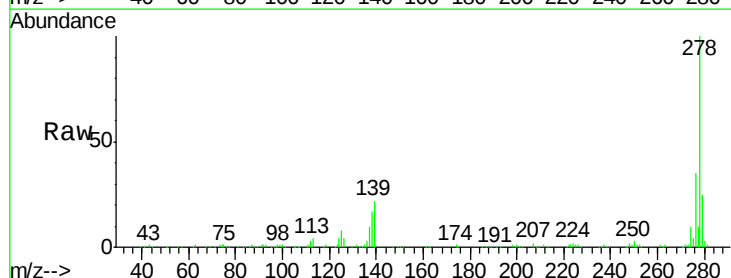
Tgt Ion:278 Resp: 298732

Ion Ratio Lower Upper

278 100

139 21.8 13.6 20.4#

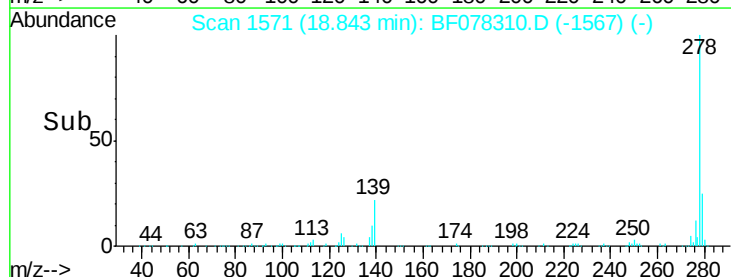
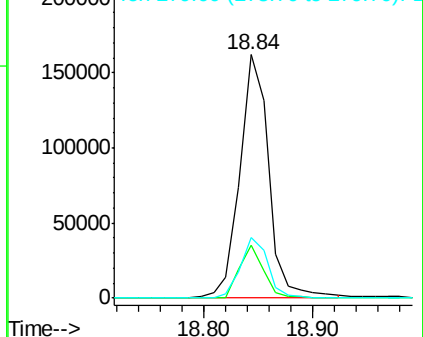
279 25.0 19.0 28.6

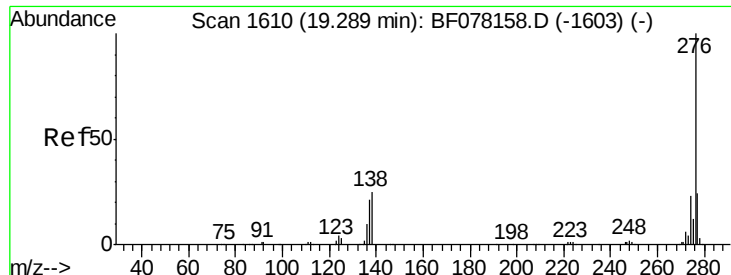


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.60 ng

RT: 19.19 min Scan# 1601

Delta R.T. -0.06 min

Lab File: BF078310.D

Acq: 7 Apr 2015 20:59

Instrument :

BNA_F

ClientSampleId :

FD-2MSD

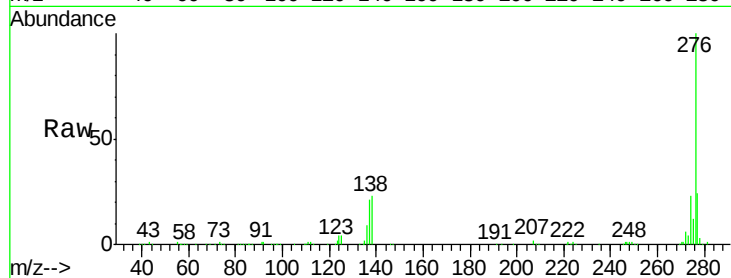
Tgt Ion:276 Resp: 303645

Ion Ratio Lower Upper

276 100

277 24.2 19.0 28.4

138 23.1 19.9 29.9



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

