

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078054.D
 Acq On : 27 Mar 2015 23:35
 Operator : TP/IZ
 Sample : PB82381BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Quant Time: Mar 28 04:57:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 28 05:39:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.07	152	39073	20.00	ng	0.00
21) Naphthalene-d8	8.65	136	160363	20.00	ng	0.00
38) Acenaphthene-d10	10.82	164	83509	20.00	ng	0.00
63) Phenanthrene-d10	12.65	188	158367	20.00	ng	-0.01
75) Chrysene-d12	15.93	240	171953	20.00	ng	0.00
86) Perylene-d12	17.64	264	166047	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	179324	80.11	ng	0.00
7) Phenol-d6	6.67	99	233641	84.48	ng	0.00
23) Nitrobenzene-d5	7.77	82	168424	68.85	ng	-0.01
41) 2,4,6-Tribromophenol	11.80	330	57736	72.26	ng	0.00
44) 2-Fluorobiphenyl	10.00	172	379269	66.74	ng	0.00
78) Terphenyl-d14	14.65	244	471986	67.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.95	88	31237	30.74	ng	# 100
3) Pyridine	2.61	79	87774	32.14	ng	98
4) n-Nitrosodimethylamine	2.54	42	40450	34.02	ng	96
6) Aniline	6.66	93	59032	14.92	ng	# 89
8) 2-Chlorophenol	6.81	128	109883	41.24	ng	96
9) Benzaldehyde	6.52	77	3701	3.27	ng	97
10) Phenol	6.68	94	133688	40.89	ng	# 74
11) bis(2-Chloroethyl)ether	6.77	93	101942	41.63	ng	98
12) 1,3-Dichlorobenzene	6.99	146	114284	38.56	ng	# 95
13) 1,4-Dichlorobenzene	7.09	146	115328	37.45	ng	95
14) 1,2-Dichlorobenzene	7.28	146	108147	38.31	ng	94
15) Benzyl Alcohol	7.26	79	81630	37.81	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.45	45	131816	39.94	ng	97
17) 2-Methylphenol	7.42	107	85877	39.59	ng	# 94
18) Hexachloroethane	7.70	117	39827	39.44	ng	# 80
19) n-Nitroso-di-n-propylamine	7.60	70	72374	37.83	ng	96
20) 3+4-Methylphenols	7.63	107	118062	41.48	ng	99
22) Acetophenone	7.58	105	147866	41.65	ng	# 98
24) Nitrobenzene	7.79	77	102767	38.99	ng	100
25) Isophorone	8.10	82	197693	40.01	ng	99
26) 2-Nitrophenol	8.19	139	54701	42.39	ng	97
27) 2,4-Dimethylphenol	8.27	122	99862	42.48	ng	96
28) bis(2-Chloroethoxy)methane	8.38	93	125350	41.80	ng	97
29) 2,4-Dichlorophenol	8.50	162	93432	41.70	ng	98
30) 1,2,4-Trichlorobenzene	8.59	180	93731	37.39	ng	98
31) Naphthalene	8.68	128	316309	38.40	ng	99
32) Benzoic acid	8.40	122	50879	39.40	ng	95
33) 4-Chloroaniline	8.76	127	50464	15.10	ng	97
34) Hexachlorobutadiene	8.83	225	52624	37.03	ng	97
35) Caprolactam	9.20	113	28733	43.88	ng	# 78
36) 4-Chloro-3-methylphenol	9.39	107	93034	41.27	ng	99
37) 2-Methylnaphthalene	9.54	142	224776	40.62	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.74	216	96266	38.65	ng	# 100
40) Hexachlorocyclopentadiene	9.72	237	93384	75.10	ng	97

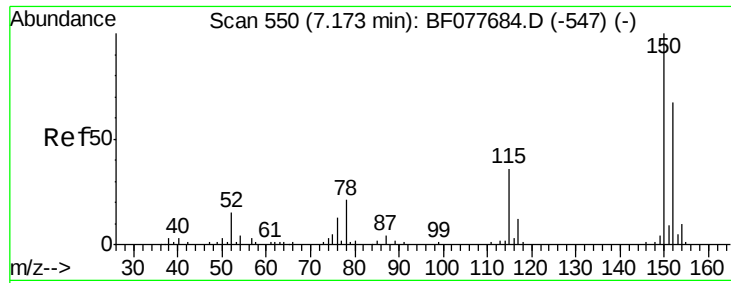
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032715\
 Data File : BF078054.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.89	196	65432	37.92	ng	97
43) 2,4,5-Trichlorophenol	9.95	196	72931	39.13	ng	# 95
45) 1,1'-Biphenyl	10.12	154	266476	39.92	ng	98
46) 2-Chloronaphthalene	10.13	162	203954	37.59	ng	# 93
47) 2-Nitroaniline	10.27	65	54595	40.52	ng	# 81
48) Acenaphthylene	10.65	152	330575	36.64	ng	99
49) Dimethylphthalate	10.51	163	241713	39.03	ng	100
50) 2,6-Dinitrotoluene	10.58	165	52423	40.83	ng	# 83
51) Acenaphthene	10.85	154	193394	37.39	ng	99
52) 3-Nitroaniline	10.78	138	30010	20.13	ng	84
53) 2,4-Dinitrophenol	10.92	184	32782	70.56	ng	# 79
54) Dibenzofuran	11.07	168	297747	38.81	ng	92
55) 4-Nitrophenol	11.02	139	82403	74.61	ng	# 70
56) 2,4-Dinitrotoluene	11.08	165	73139	43.69	ng	# 63
57) Fluorene	11.49	166	238043	37.37	ng	99
58) 2,3,4,6-Tetrachlorophenol	11.23	232	54688	38.10	ng	# 100
59) Diethylphthalate	11.39	149	249584	41.36	ng	98
60) 4-Chlorophenyl-phenylether	11.51	204	113580	39.07	ng	# 83
61) 4-Nitroaniline	11.54	138	52959	35.64	ng	84
62) Azobenzene	11.70	77	227128	39.38	ng	89
64) 4,6-Dinitro-2-methylphenol	11.57	198	24578	34.22	ng	88
65) n-Nitrosodiphenylamine	11.67	169	213039	40.40	ng	99
66) 4-Bromophenyl-phenylether	12.11	248	68523	40.54	ng	# 86
67) Hexachlorobenzene	12.17	284	72465	39.02	ng	# 90
68) Atrazine	12.34	200	68859	46.60	ng	96
69) Pentachlorophenol	12.43	266	57495	59.92	ng	100
70) Phenanthrene	12.68	178	360145	39.61	ng	100
71) Anthracene	12.75	178	371532	41.36	ng	99
72) Carbazole	12.96	167	340629	39.87	ng	99
73) Di-n-butylphthalate	13.41	149	403393	42.11	ng	99
74) Fluoranthene	14.16	202	406437	40.53	ng	99
76) Benzidine	14.34	184	118469	27.70	ng	100
77) Pyrene	14.43	202	409450	37.87	ng	99
79) Butylbenzylphthalate	15.27	149	180239	42.28	ng	# 83
80) Benzo(a)anthracene	15.92	228	387283	37.99	ng	100
81) 3,3'-Dichlorobenzidine	15.91	252	83912	24.96	ng	96
82) Chrysene	15.96	228	370253	40.40	ng	100
83) Bis(2-ethylhexyl)phthalate	15.99	149	273363	42.33	ng	# 95
84) Di-n-octyl phthalate	16.77	149	472914	42.83	ng	100
85) Indeno(1,2,3-cd)pyrene	18.98	276	443211	38.74	ng	# 100
87) Benzo(b)fluoranthene	17.21	252	406079	37.46	ng	# 95
88) Benzo(k)fluoranthene	17.21	252	406059	47.96	ng	# 97
89) Benzo(a)pyrene	17.57	252	382477	42.29	ng	# 96
90) Dibenzo(a,h)anthracene	19.01	278	357767	39.88	ng	99
91) Benzo(g,h,i)perylene	19.38	276	361472	39.58	ng	99

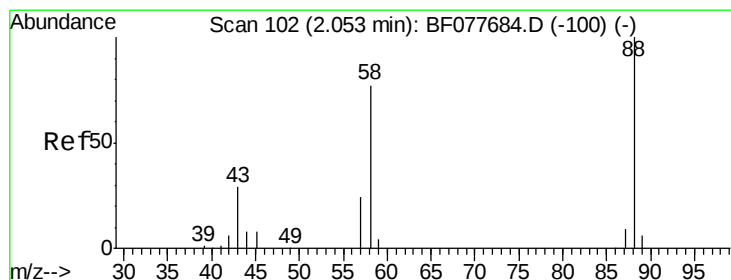
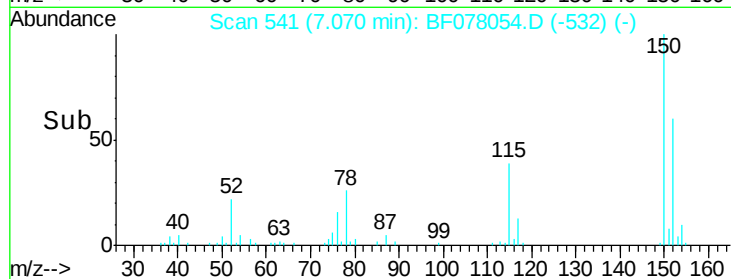
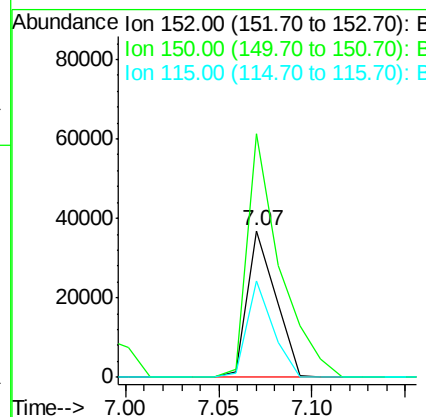
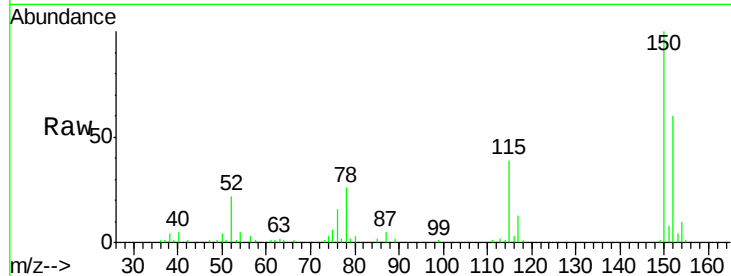
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.07 min Scan# 541
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

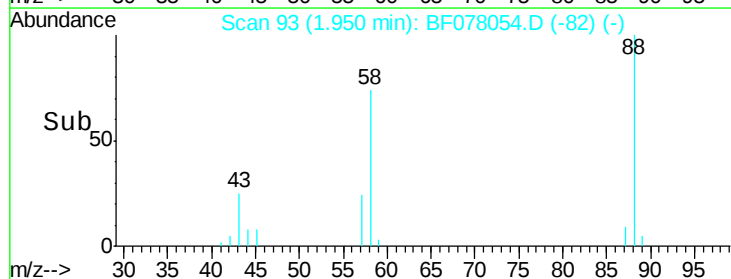
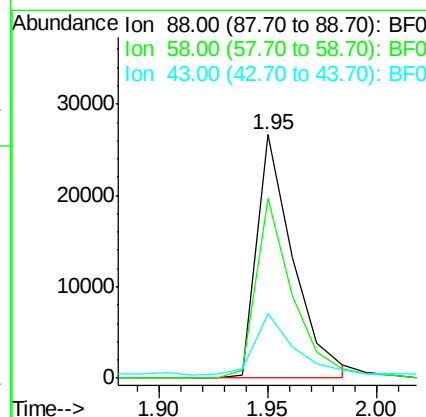
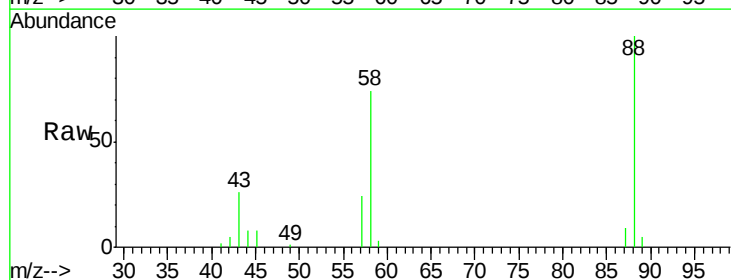
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

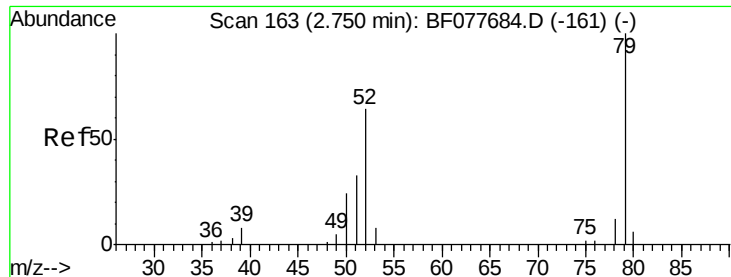
Tgt Ion:152 Resp: 39073
 Ion Ratio Lower Upper
 152 100
 150 166.3 119.5 179.3
 115 65.7 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 30.74 ng
 RT: 1.95 min Scan# 93
 Delta R.T. 0.02 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion: 88 Resp: 31237
 Ion Ratio Lower Upper
 88 100
 58 73.7 0.0 0.0#
 43 26.9 0.0 0.0#

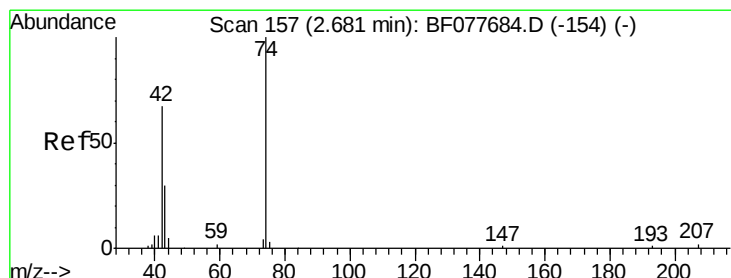
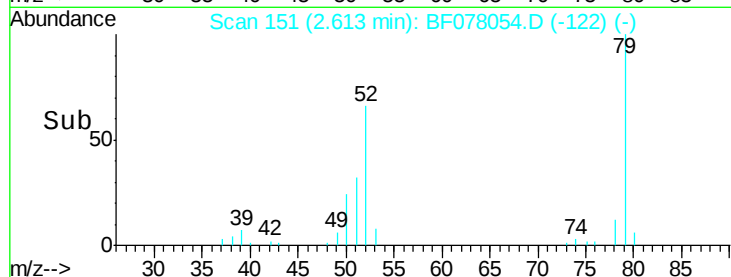
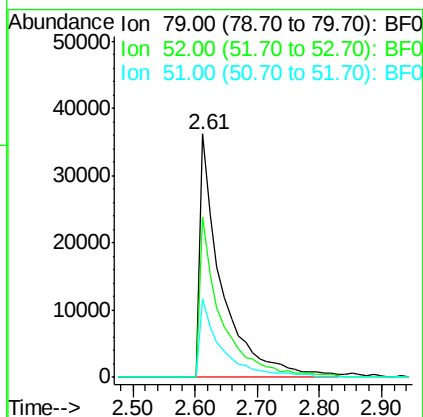
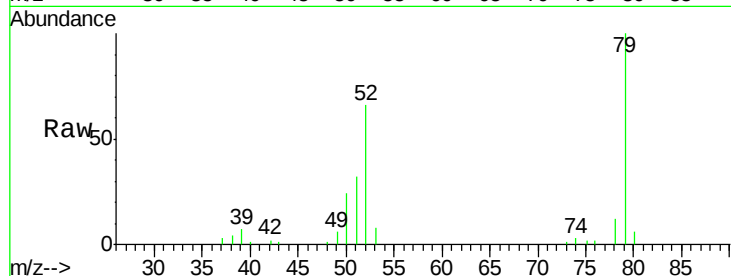




#3
 Pyridine
 Concen: 32.14 ng
 RT: 2.61 min Scan# 151
 Delta R.T. 0.03 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

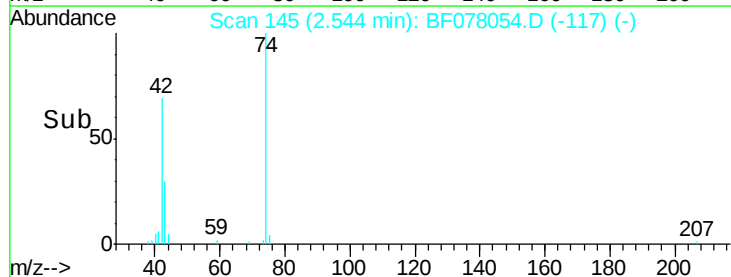
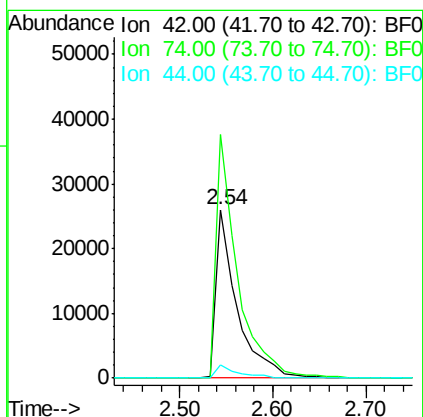
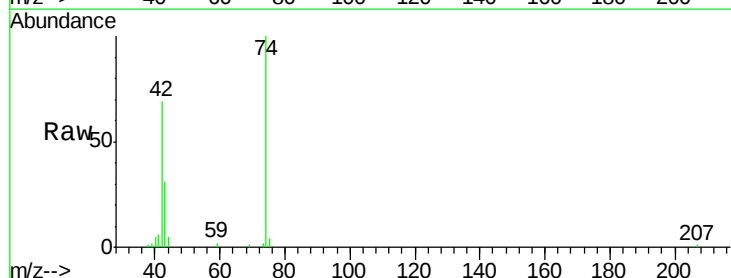
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

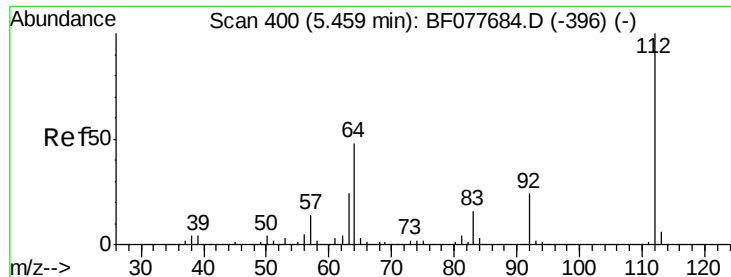
Tgt Ion: 79 Resp: 87774
 Ion Ratio Lower Upper
 79 100
 52 66.0 51.1 76.7
 51 32.2 26.1 39.1



#4
 n-Nitrosodimethylamine
 Concen: 34.02 ng
 RT: 2.54 min Scan# 145
 Delta R.T. 0.02 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion: 42 Resp: 40450
 Ion Ratio Lower Upper
 42 100
 74 144.3 119.3 178.9
 44 7.5 5.4 8.2





#5

2-Fluorophenol

Concen: 80.11 ng

RT: 5.37 min Scan# 392

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

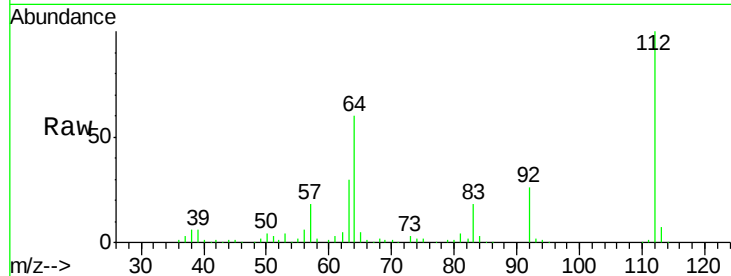
Tgt Ion: 112 Resp: 179324

Ion Ratio Lower Upper

112 100

64 59.6 38.6 57.8#

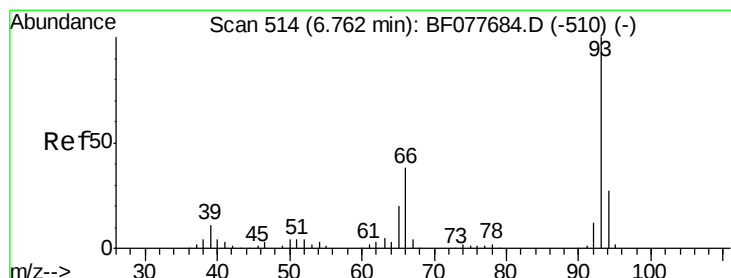
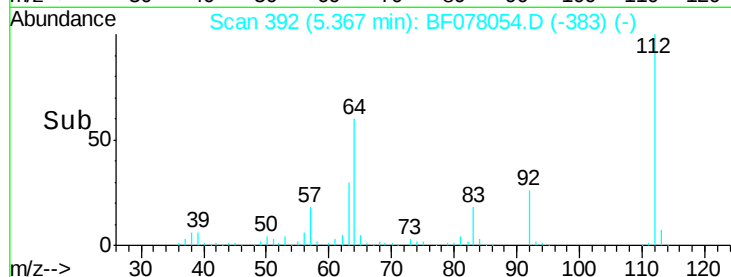
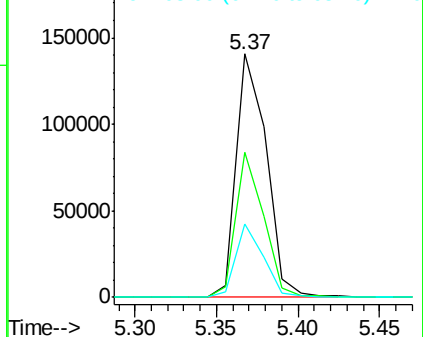
63 30.1 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.92 ng

RT: 6.66 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

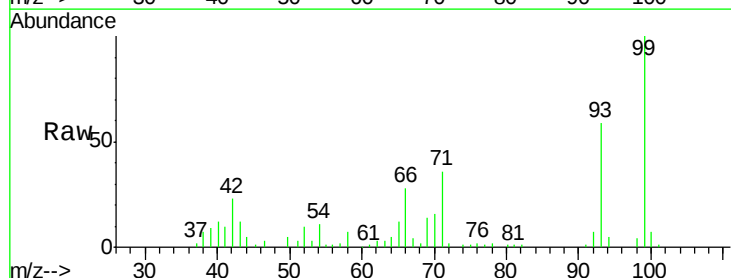
Tgt Ion: 93 Resp: 59032

Ion Ratio Lower Upper

93 100

66 47.8 30.8 46.2#

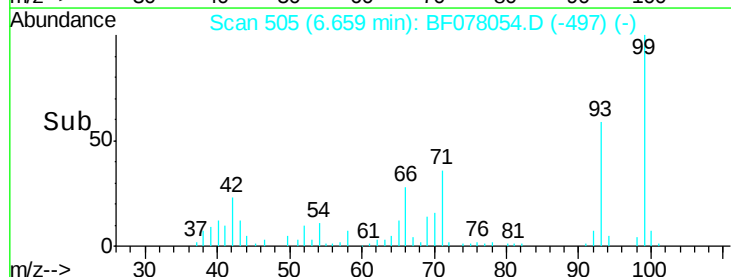
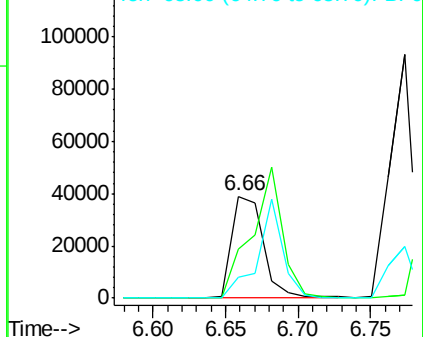
65 21.0 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 84.48 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

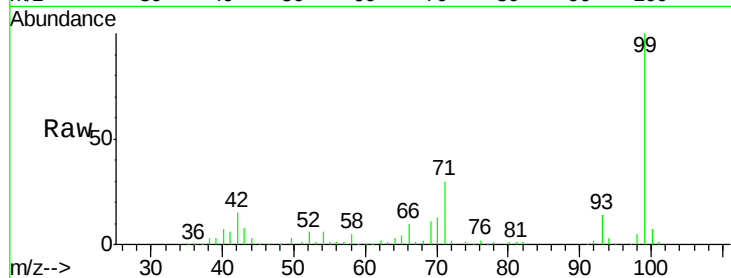
Tgt Ion: 99 Resp: 233641

Ion Ratio Lower Upper

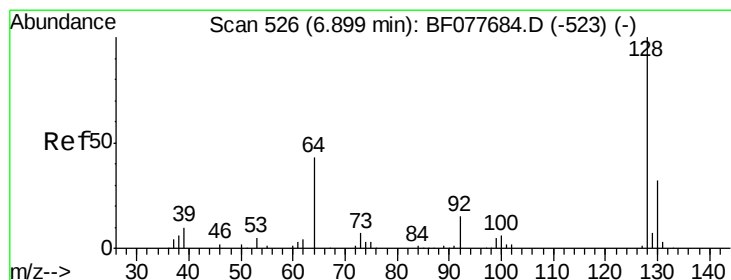
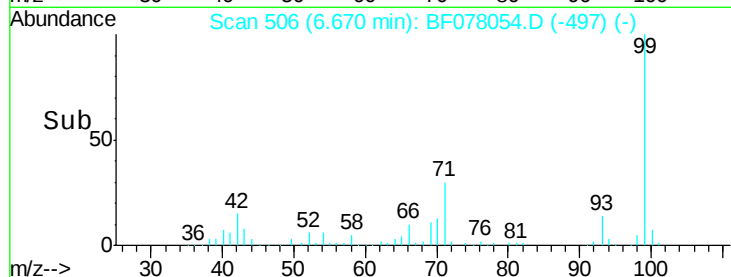
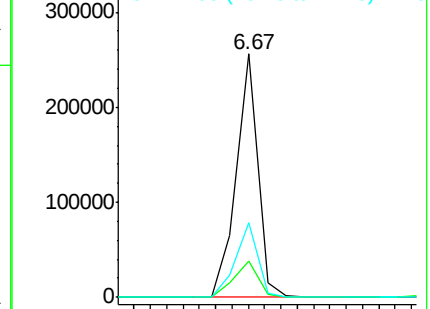
99 100

42 14.9 11.0 16.4

71 30.4 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.24 ng

RT: 6.81 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

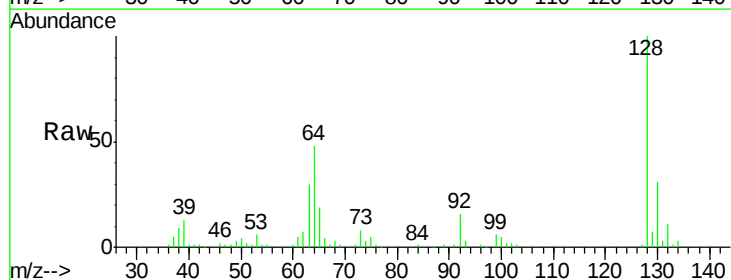
Tgt Ion: 128 Resp: 109883

Ion Ratio Lower Upper

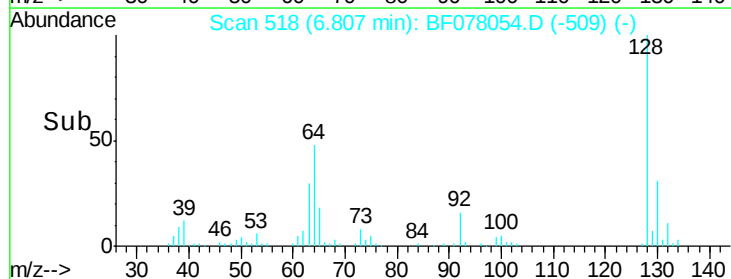
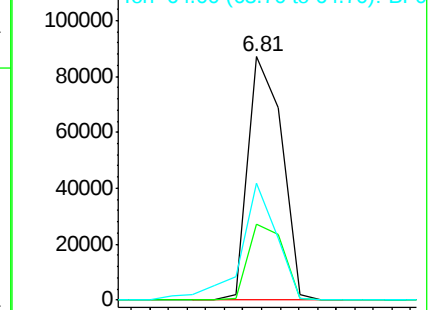
128 100

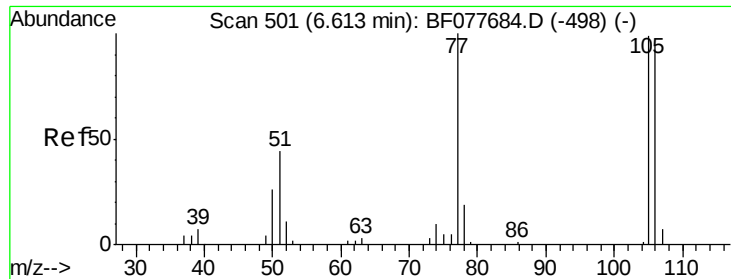
130 30.9 12.0 52.0

64 48.0 24.9 64.9



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

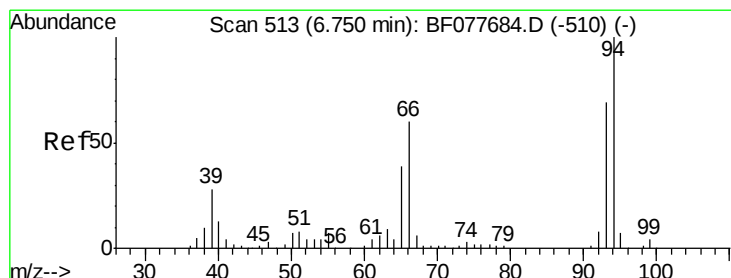
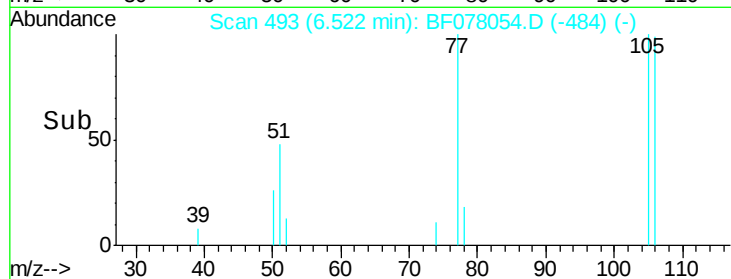
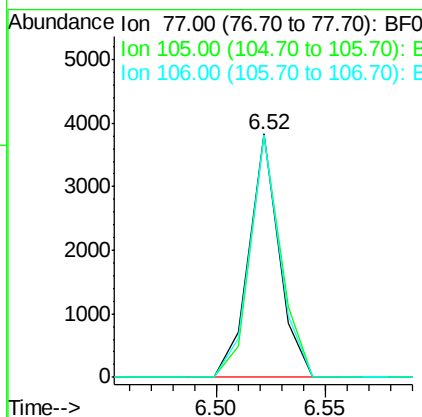
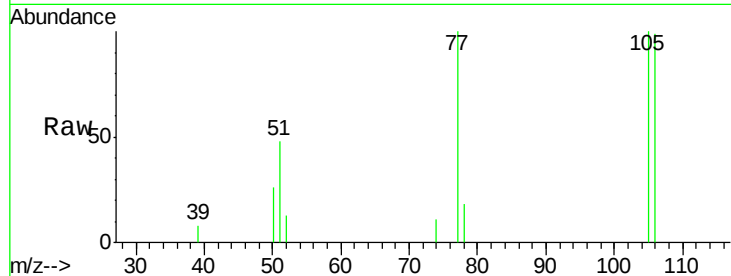




#9
Benzaldehyde
Concen: 3.27 ng
RT: 6.52 min Scan# 493
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

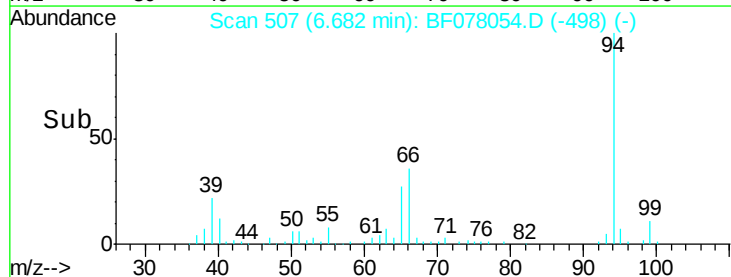
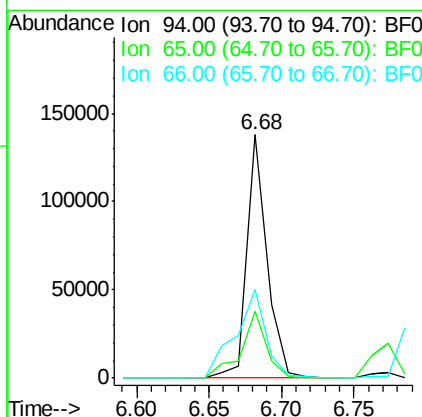
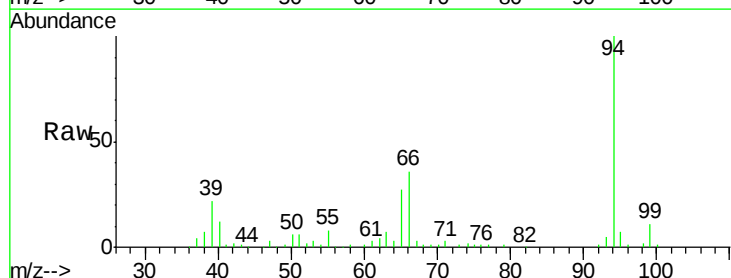
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

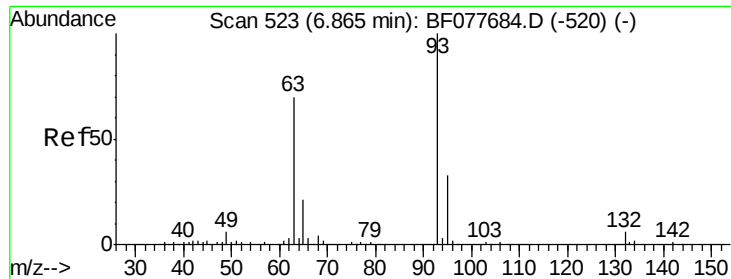
Tgt Ion: 77 Resp: 3701
Ion Ratio Lower Upper
77 100
105 99.5 78.8 118.8
106 99.3 73.7 113.7



#10
Phenol
Concen: 40.89 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion: 94 Resp: 133688
Ion Ratio Lower Upper
94 100
65 27.3 18.8 58.8
66 36.2 39.9 79.9#

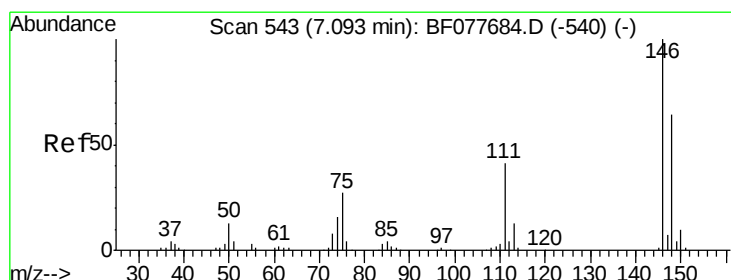
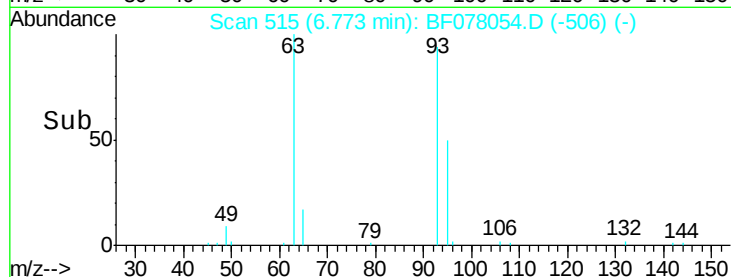
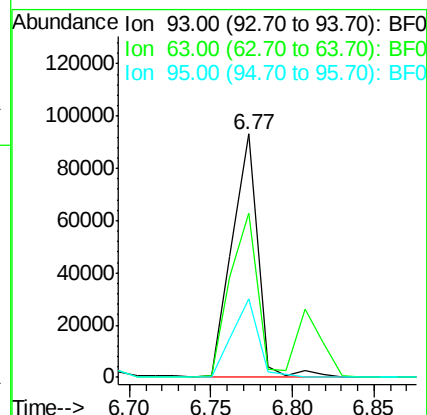
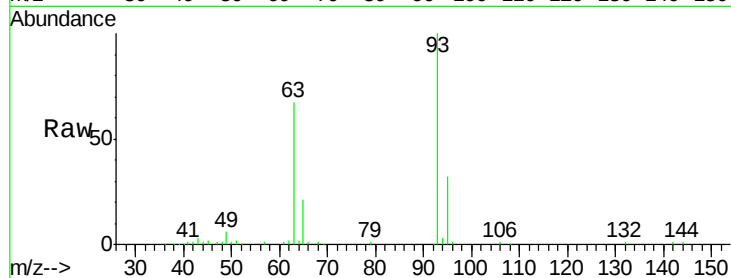




#11
bis(2-Chloroethyl)ether
Concen: 41.63 ng
RT: 6.77 min Scan# 515
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

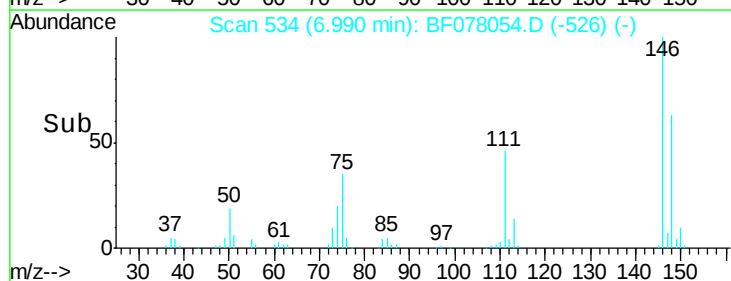
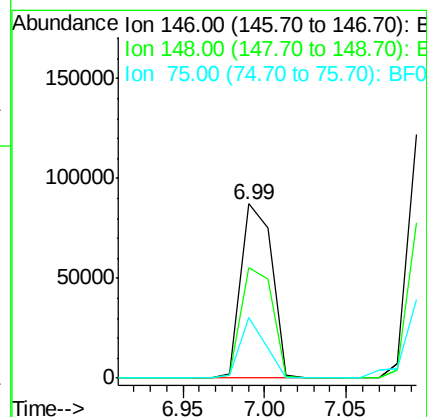
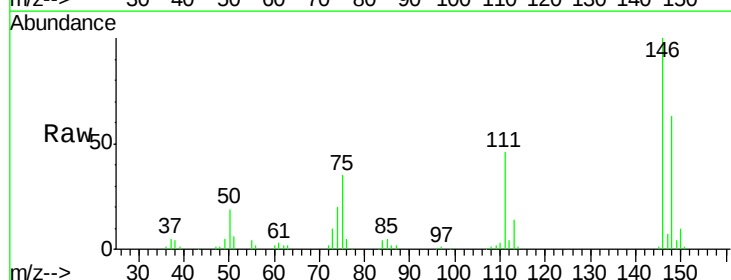
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

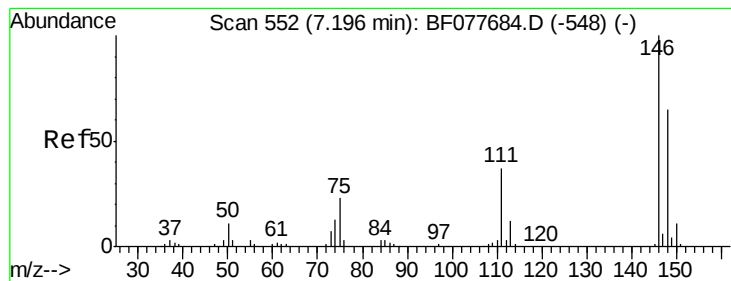
Tgt Ion: 93 Resp: 101942
Ion Ratio Lower Upper
93 100
63 67.4 49.5 89.5
95 32.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 38.56 ng
RT: 6.99 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion: 146 Resp: 114284
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 34.8 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 37.45 ng

RT: 7.09 min Scan# 543

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

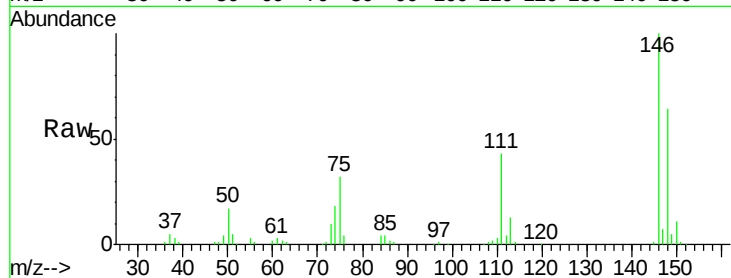
Tgt Ion:146 Resp: 115328

Ion Ratio Lower Upper

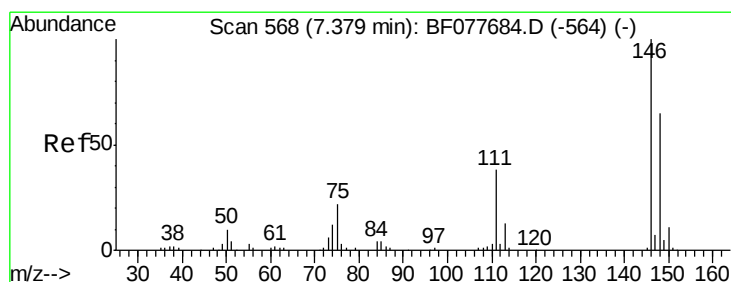
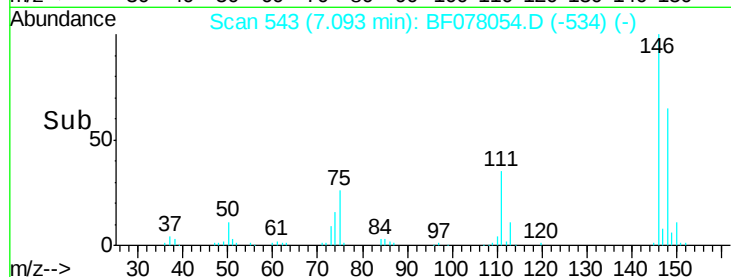
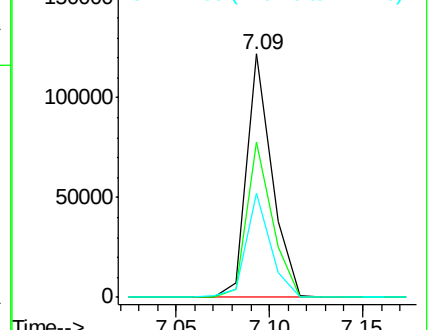
146 100

148 63.6 51.9 77.9

111 42.7 29.2 43.8



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: 38.31 ng

RT: 7.28 min Scan# 559

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

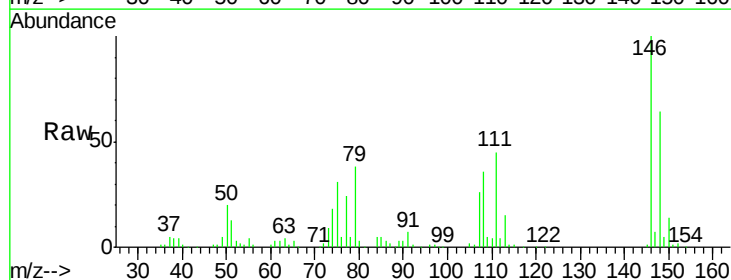
Tgt Ion:146 Resp: 108147

Ion Ratio Lower Upper

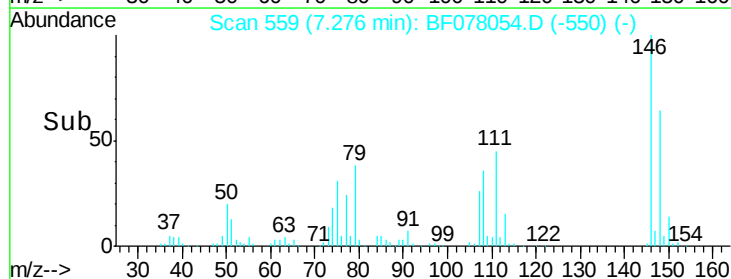
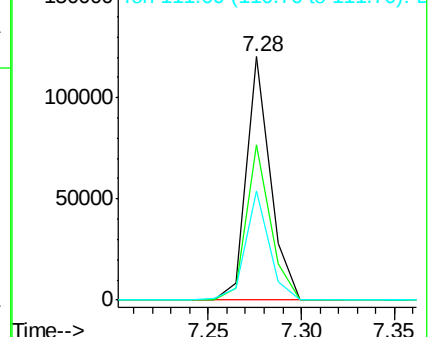
146 100

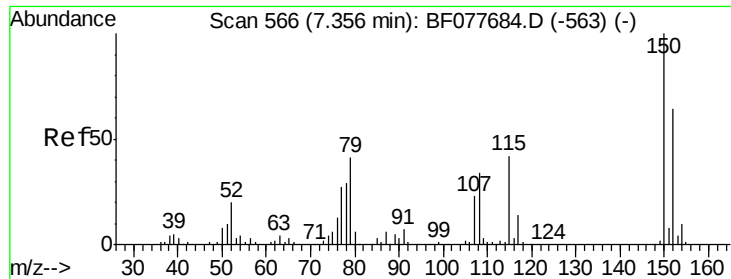
148 63.7 52.3 78.5

111 45.1 30.6 45.8



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: 37.81 ng

RT: 7.26 min Scan# 558

Delta R.T. -0.01 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

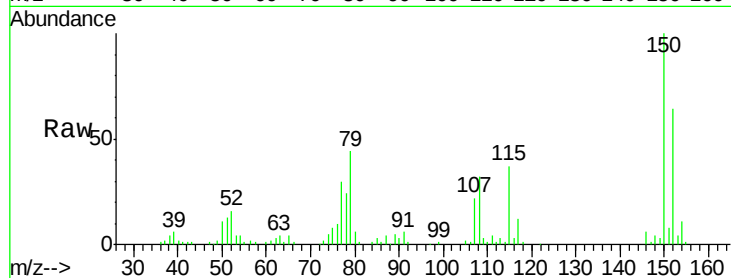
Tgt Ion: 79 Resp: 81630

Ion Ratio Lower Upper

79 100

108 73.3 65.0 97.4

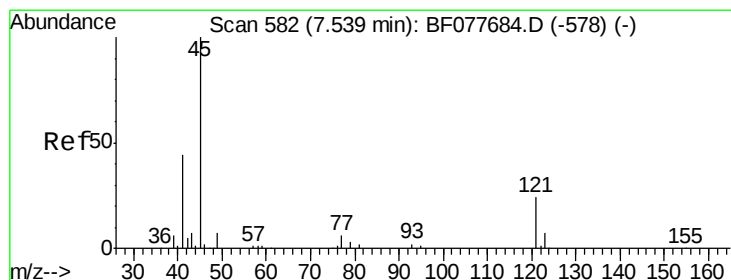
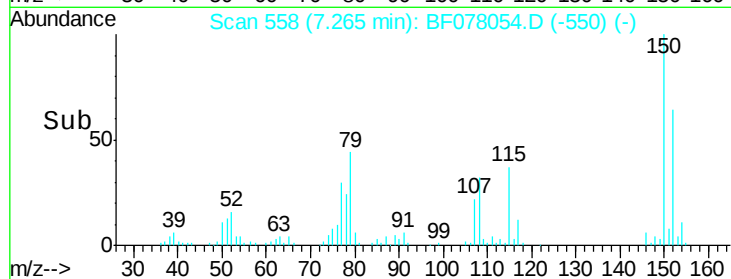
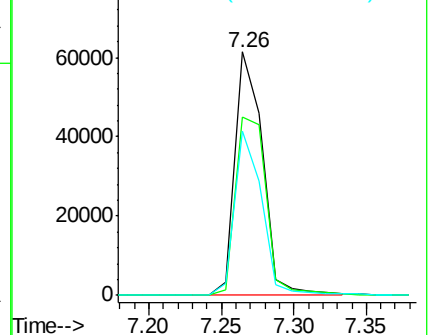
77 67.3 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.94 ng

RT: 7.45 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

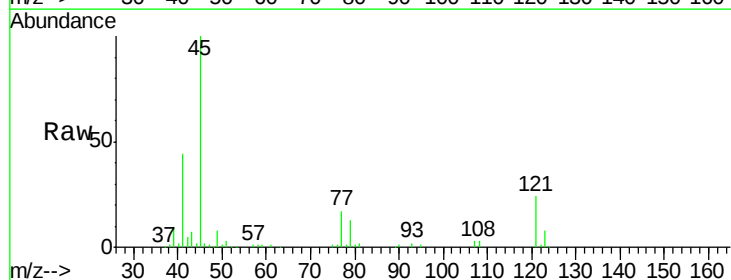
Tgt Ion: 45 Resp: 131816

Ion Ratio Lower Upper

45 100

77 16.6 0.0 35.2

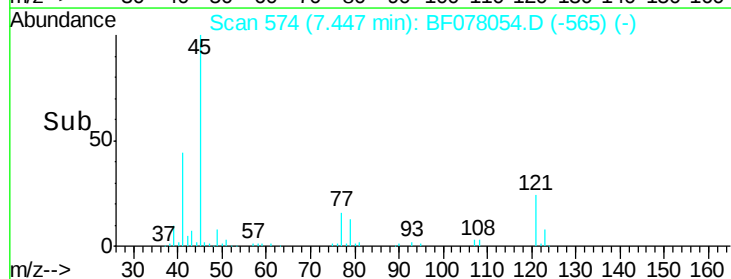
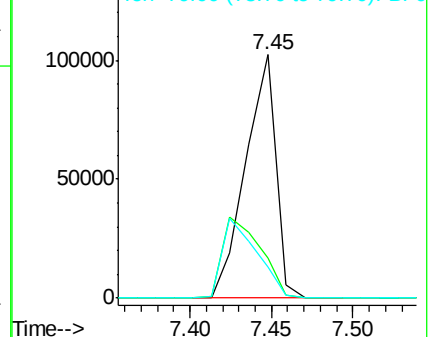
79 13.0 0.0 32.0

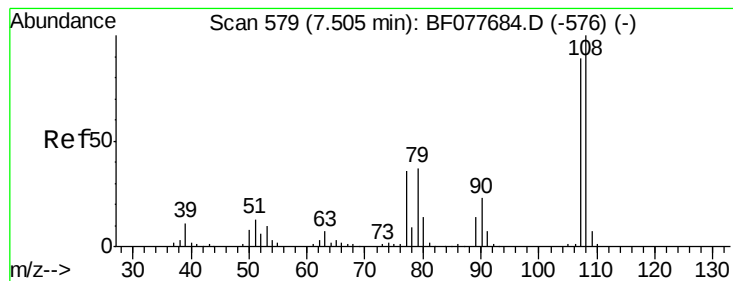


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 39.59 ng

RT: 7.42 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

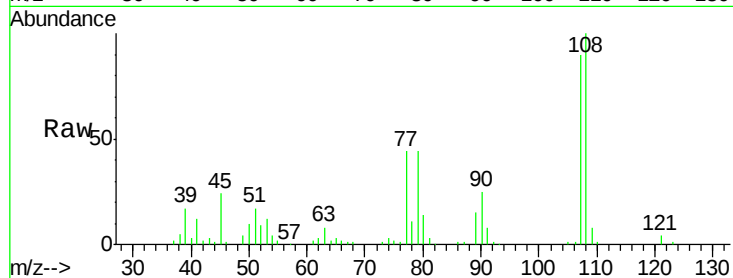
Instrument :

BNA_F

ClientSampleId :

PB82381BSD

Tgt Ion:	107	Resp:	85877
Ion	Ratio	Lower	Upper
107	100		
108	111.4	89.8	134.8
77	49.2	32.6	48.8#
79	48.6	32.8	49.2

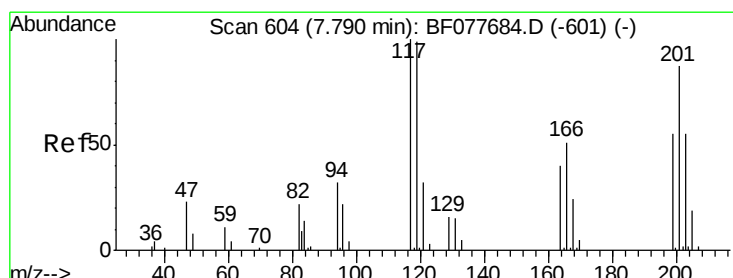
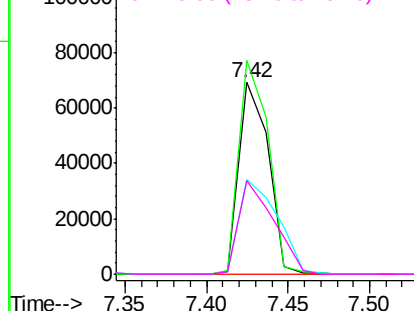
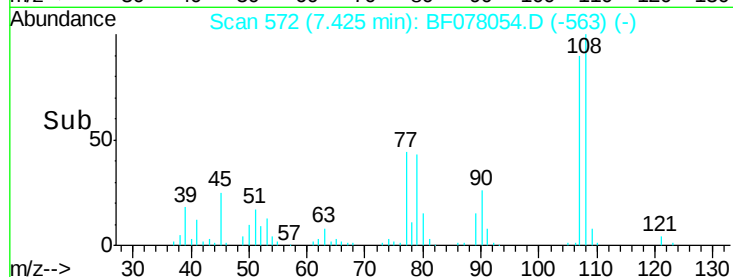


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 39.44 ng

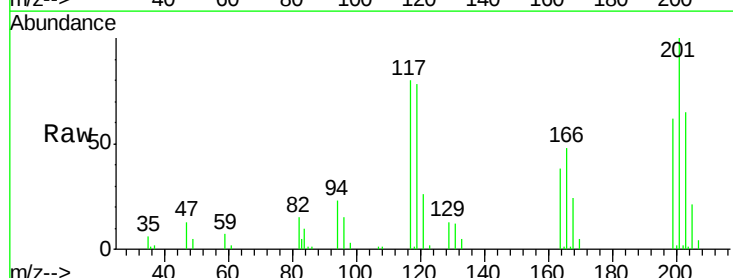
RT: 7.70 min Scan# 596

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

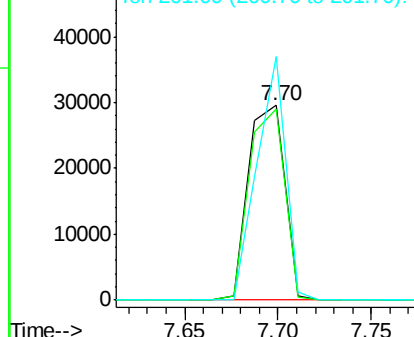
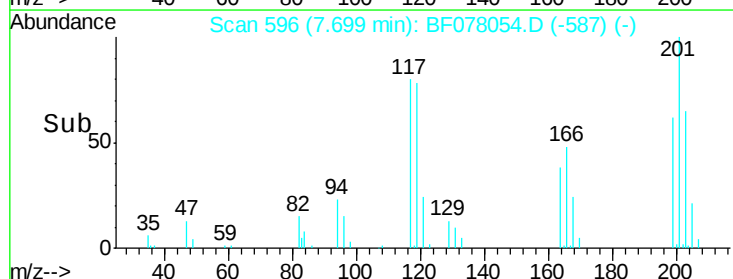
Tgt Ion:	117	Resp:	39827
Ion	Ratio	Lower	Upper
117	100		
119	98.0	79.2	118.8
201	125.2	69.8	104.6#

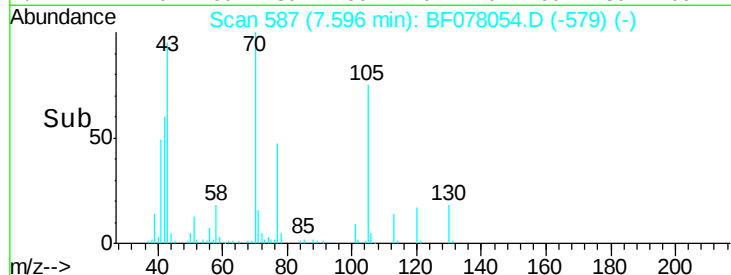
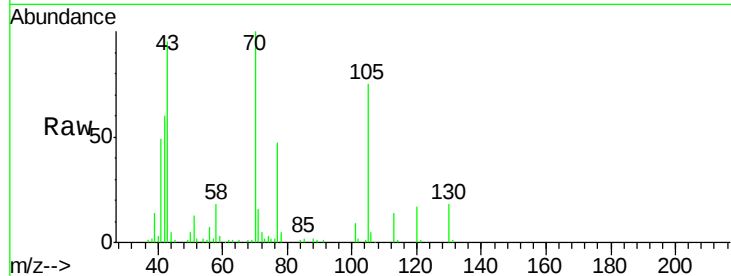
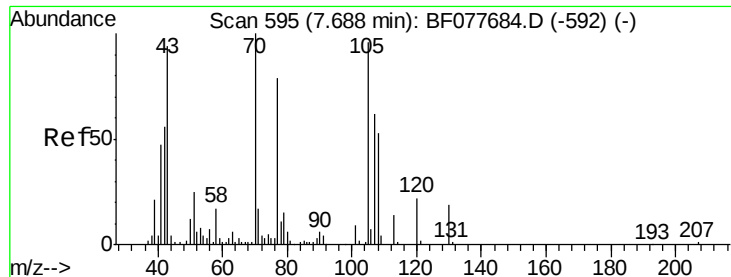


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

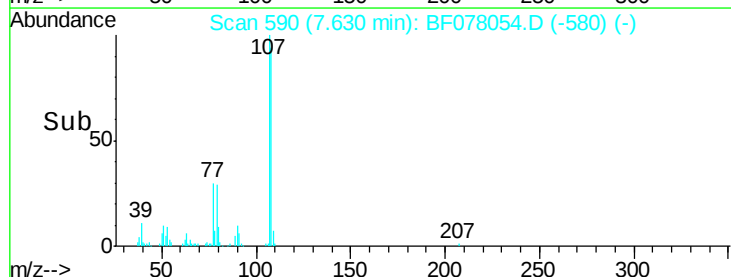
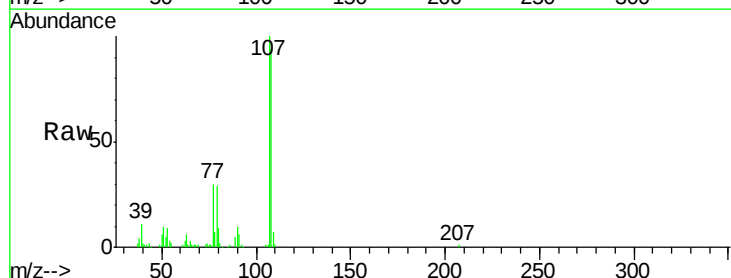
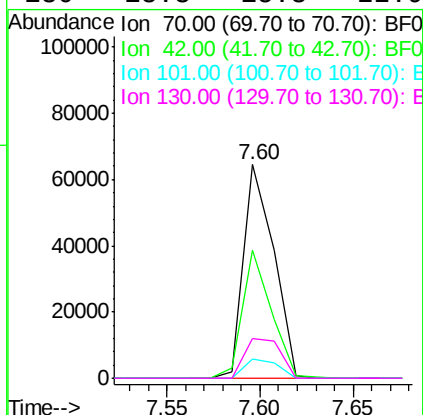




#19
n-Nitroso-di-n-propylamine
Concen: 37.83 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

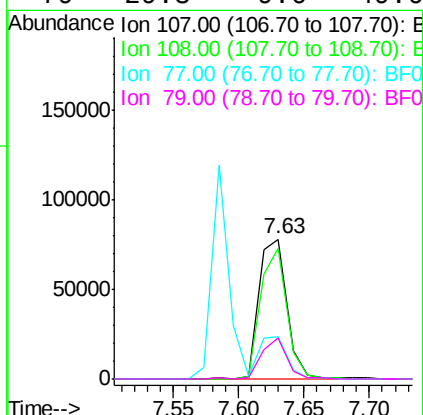
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:	70	Resp:	72374
Ion	Ratio	Lower	Upper
70	100		
42	59.7	44.5	66.7
101	8.9	7.4	11.2
130	18.3	15.3	22.9



#20
3+4-Methylphenols
Concen: 41.48 ng
RT: 7.63 min Scan# 590
Delta R.T. 0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:	107	Resp:	118062
Ion	Ratio	Lower	Upper
107	100		
108	93.7	73.2	113.2
77	30.3	10.7	50.7
79	29.3	9.6	49.6

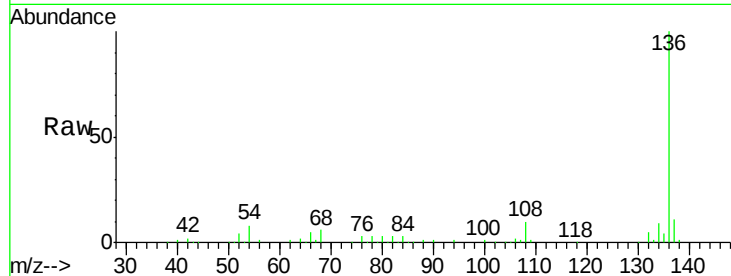




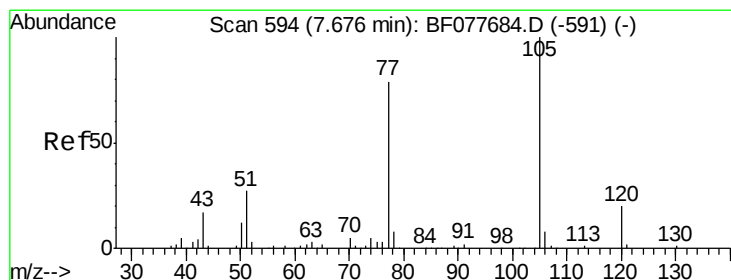
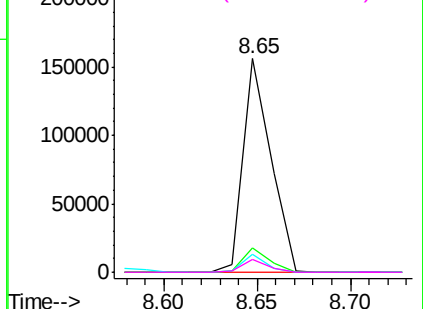
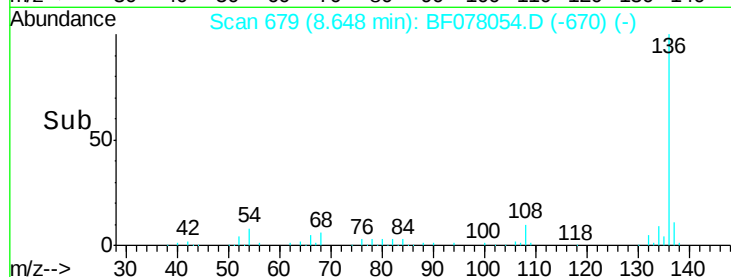
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.65 min Scan# 679
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:	136	Resp:	160363
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	8.3	4.6	6.8#
68	6.3	3.7	5.5#

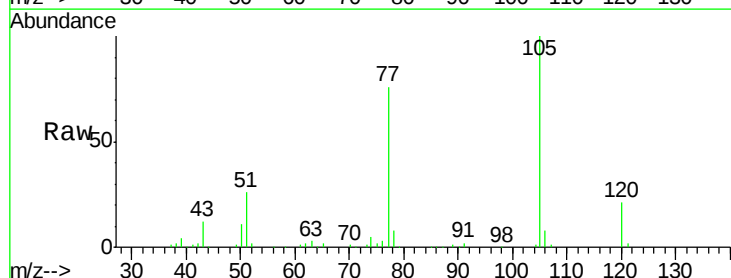


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

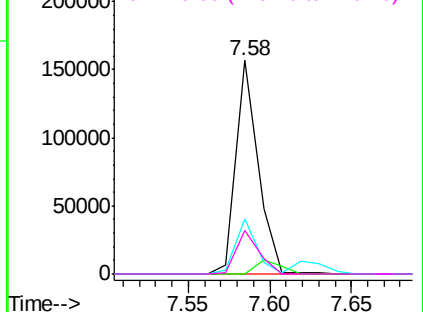
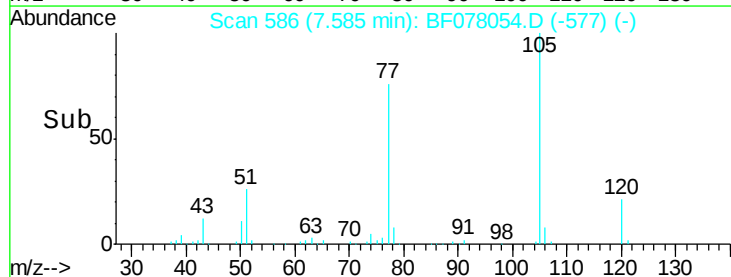


#22
Acetophenone
Concen: 41.65 ng
RT: 7.58 min Scan# 586
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:	105	Resp:	147866
Ion	Ratio	Lower	Upper
105	100		
71	0.2	0.6	1.0#
51	25.8	21.6	32.4
120	20.6	16.1	24.1



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

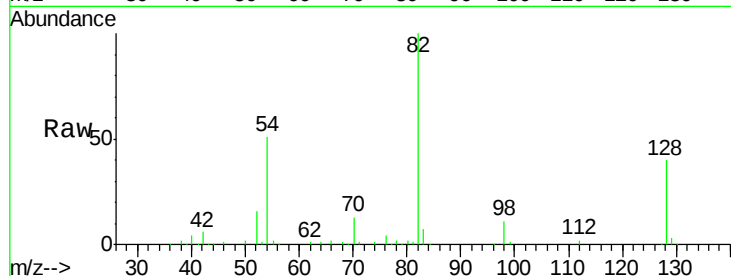




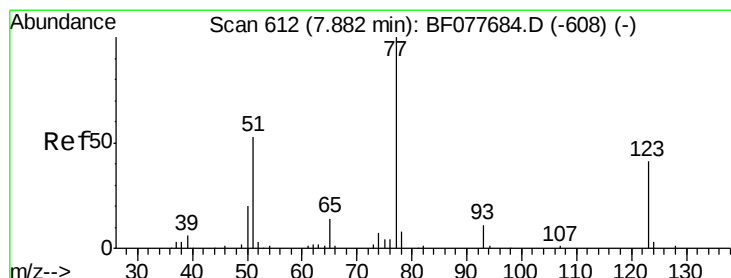
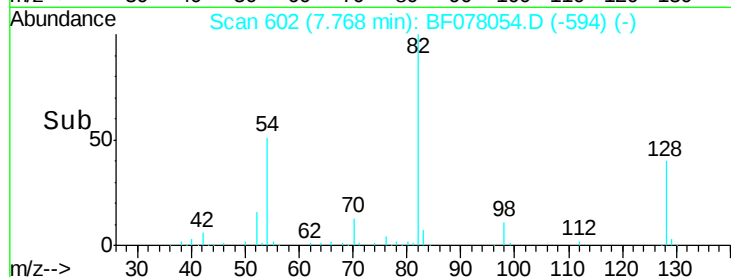
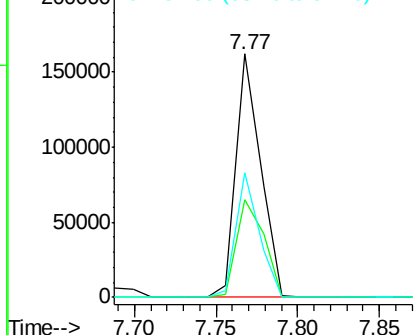
#23
Nitrobenzene-d5
Concen: 68.85 ng
RT: 7.77 min Scan# 602
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion: 82 Resp: 168424
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 50.9 40.6 60.8

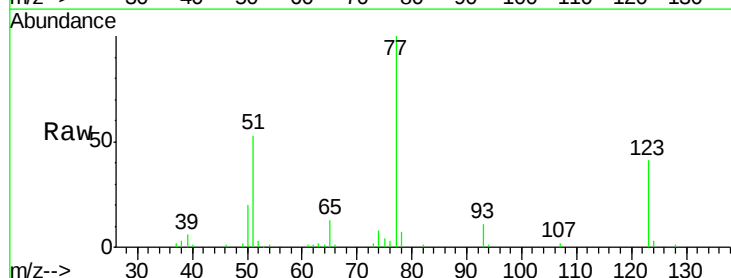


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

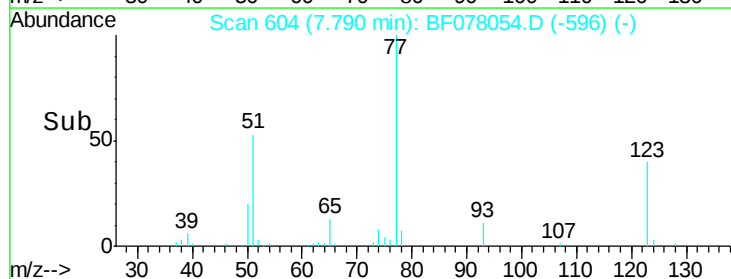
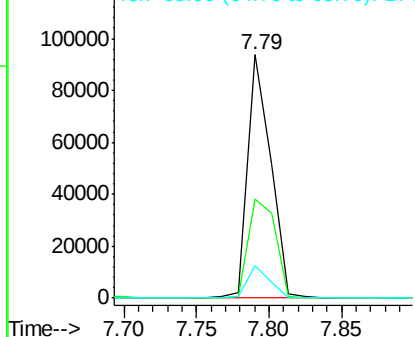


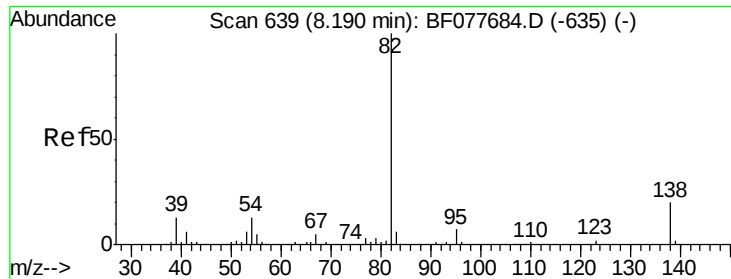
#24
Nitrobenzene
Concen: 38.99 ng
RT: 7.79 min Scan# 604
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion: 77 Resp: 102767
Ion Ratio Lower Upper
77 100
123 40.8 32.6 49.0
65 13.3 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 40.01 ng

RT: 8.10 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

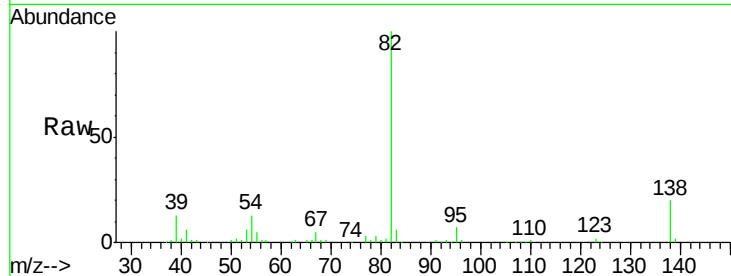
Tgt Ion: 82 Resp: 197693

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.6

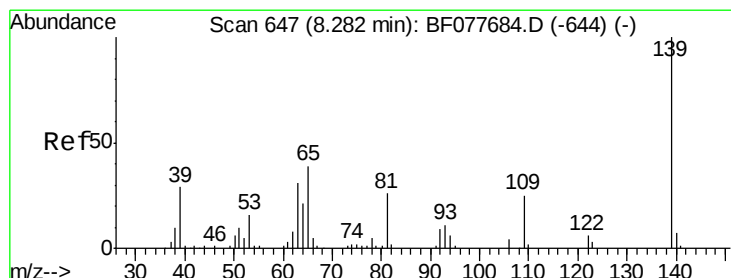
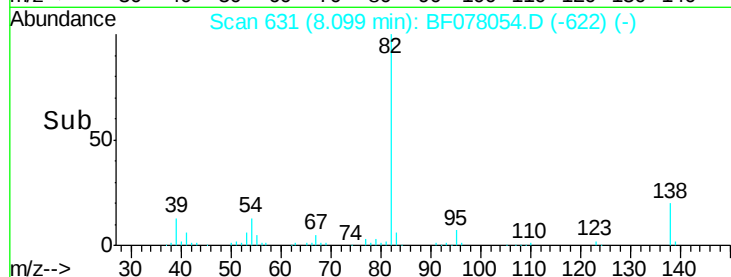
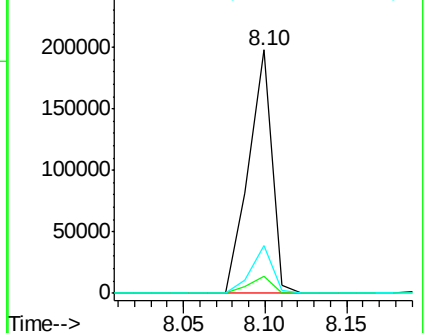
138 19.8 16.3 24.5



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: 42.39 ng

RT: 8.19 min Scan# 639

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

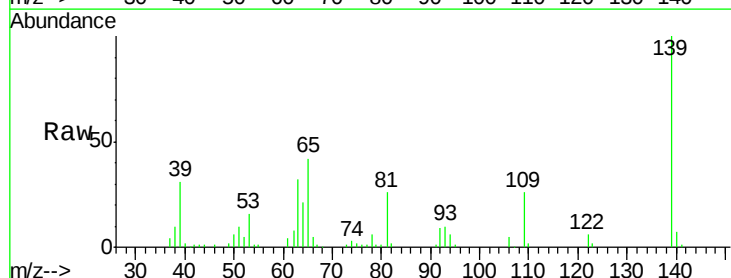
Tgt Ion: 139 Resp: 54701

Ion Ratio Lower Upper

139 100

109 26.0 20.1 30.1

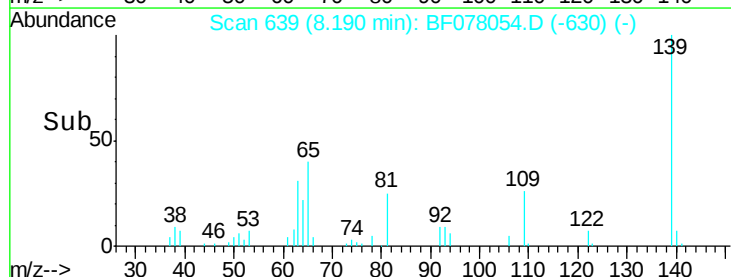
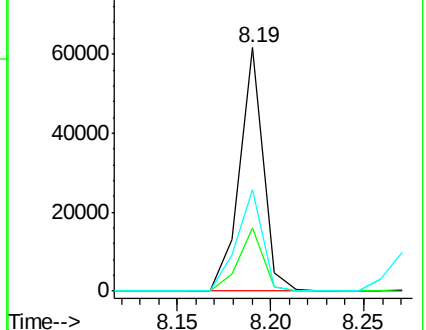
65 41.8 31.5 47.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

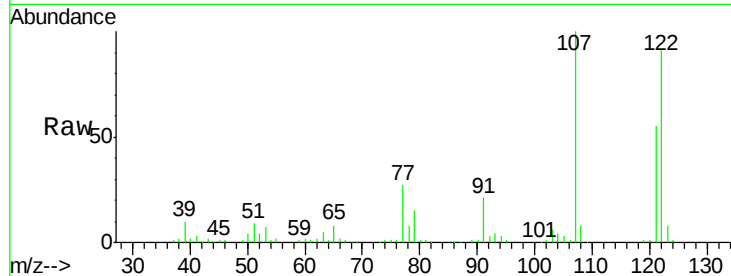




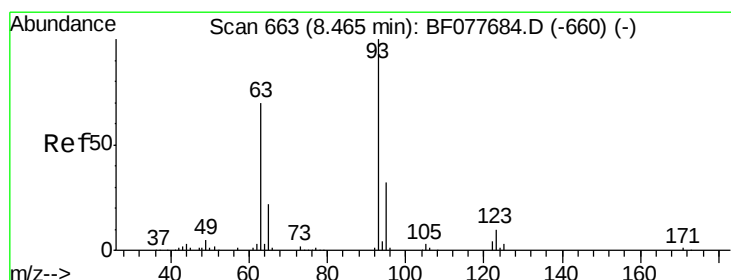
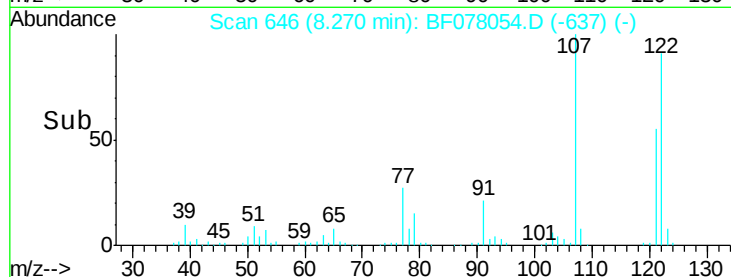
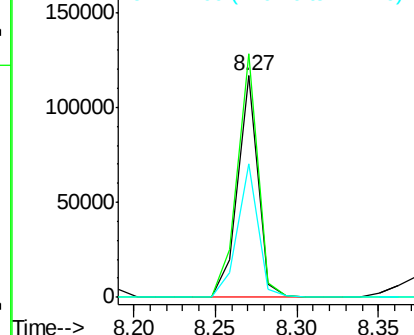
#27
 2,4-Dimethylphenol
 Concen: 42.48 ng
 RT: 8.27 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion: 122 Resp: 99862
 Ion Ratio Lower Upper
 122 100
 107 109.9 84.7 127.1
 121 60.4 46.6 69.8

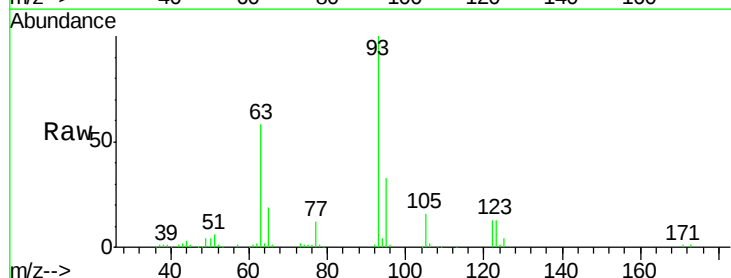


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

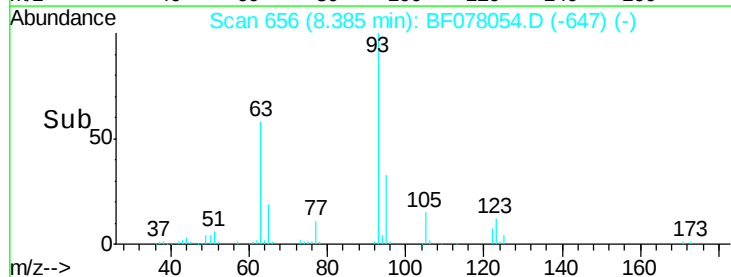
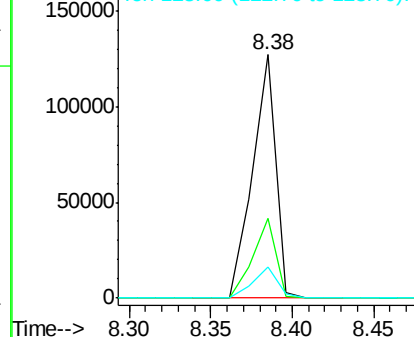


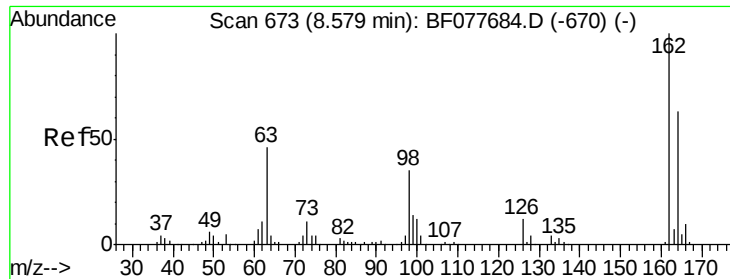
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.80 ng
 RT: 8.38 min Scan# 656
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion: 93 Resp: 125350
 Ion Ratio Lower Upper
 93 100
 95 32.9 25.5 38.3
 123 12.7 8.6 13.0



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

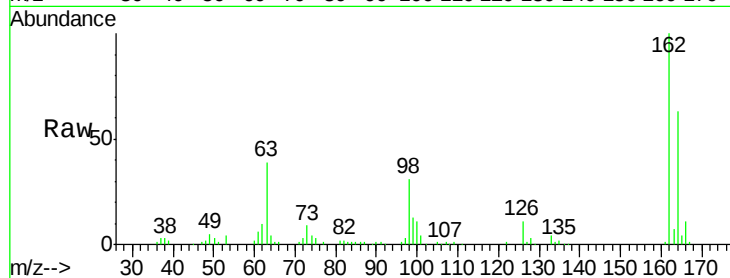




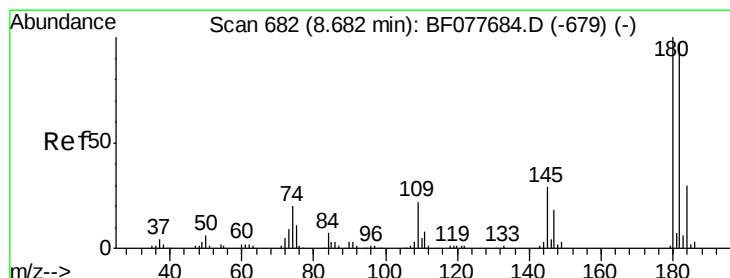
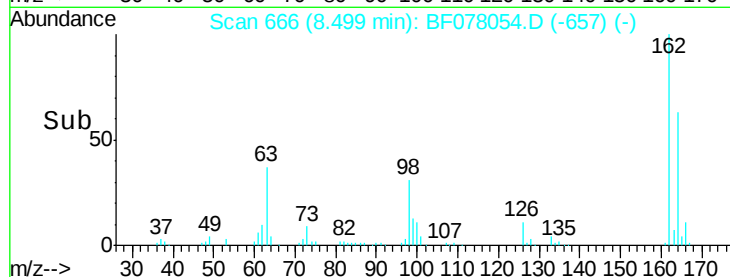
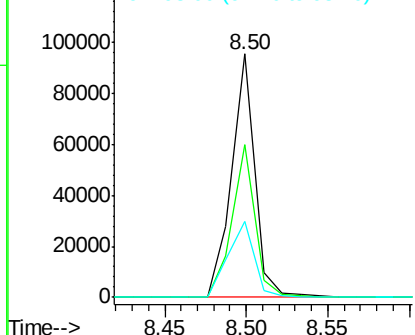
#29
 2,4-Dichlorophenol
 Concen: 41.70 ng
 RT: 8.50 min Scan# 666
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:162 Resp: 93432
 Ion Ratio Lower Upper
 162 100
 164 62.8 42.8 82.8
 98 31.3 14.5 54.5

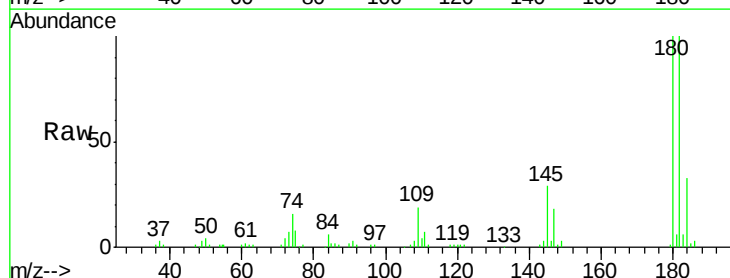


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

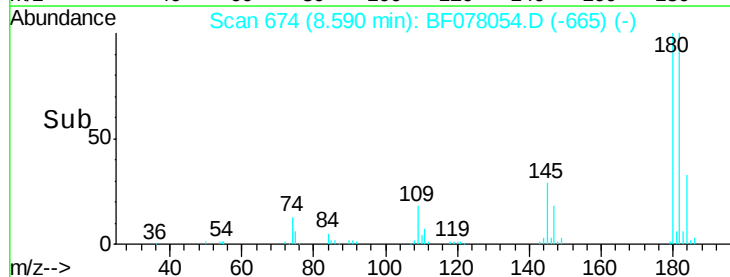
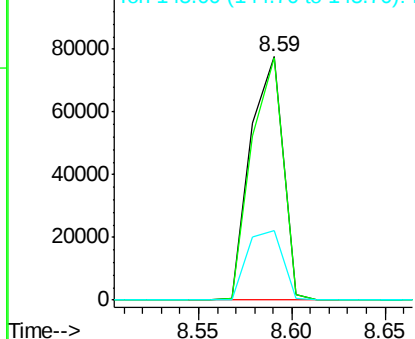


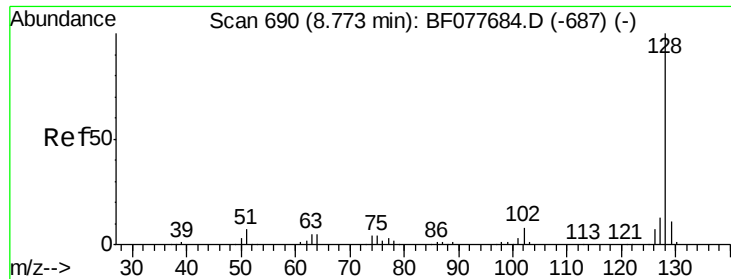
#30
 1,2,4-Trichlorobenzene
 Concen: 37.39 ng
 RT: 8.59 min Scan# 674
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:180 Resp: 93731
 Ion Ratio Lower Upper
 180 100
 182 99.8 77.6 116.4
 145 28.6 23.4 35.2



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

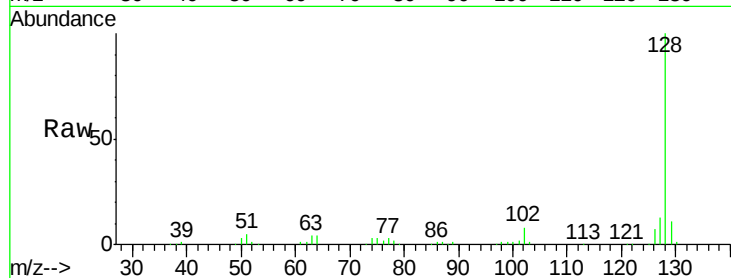




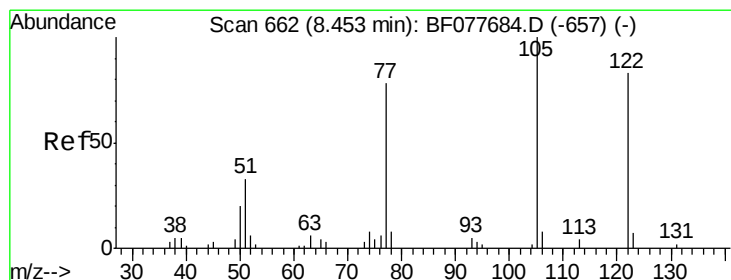
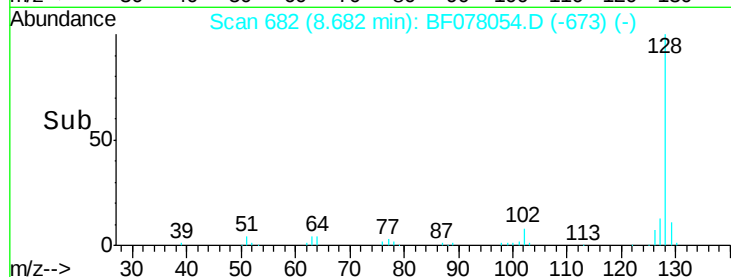
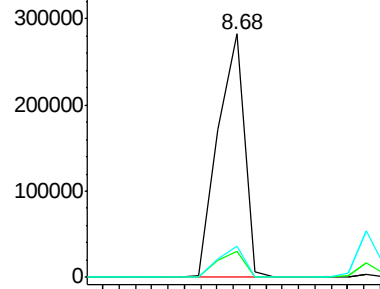
#31
Naphthalene
Concen: 38.40 ng
RT: 8.68 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:128 Resp: 316309
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 12.8 10.4 15.6

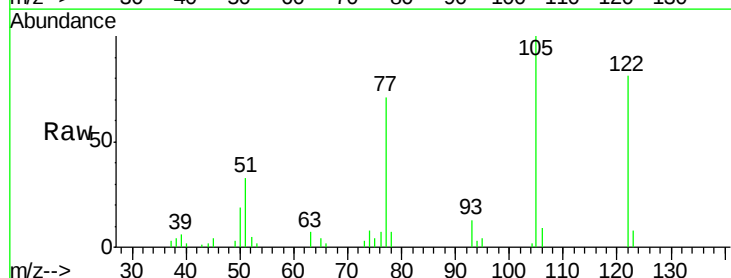


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

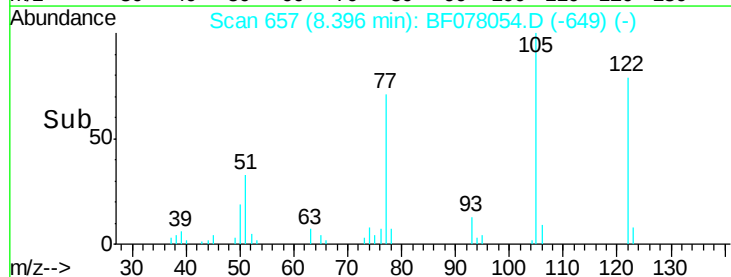
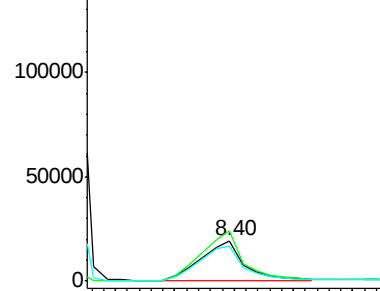


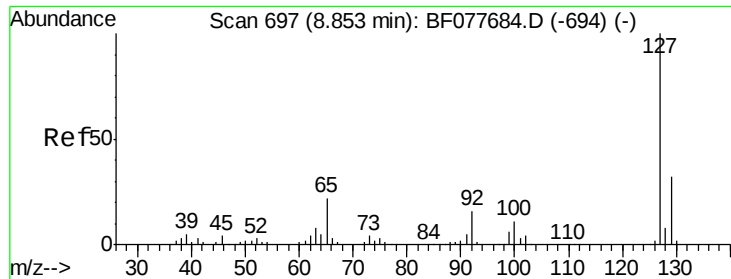
#32
Benzoic acid
Concen: 39.40 ng
RT: 8.40 min Scan# 657
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:122 Resp: 50879
Ion Ratio Lower Upper
122 100
105 124.0 99.9 139.9
77 87.6 73.7 113.7



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

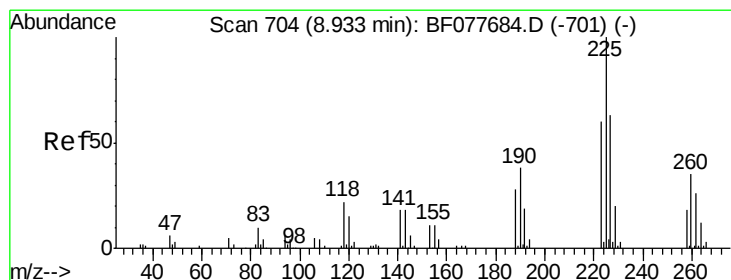
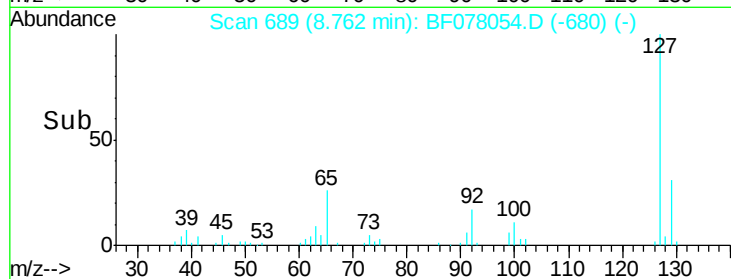
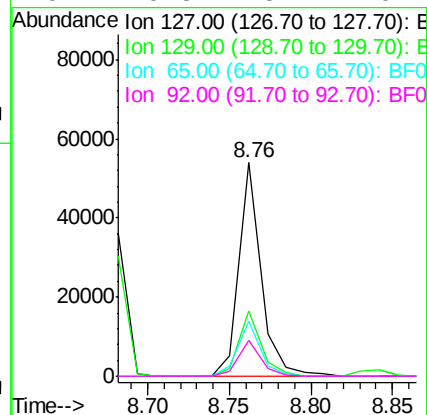
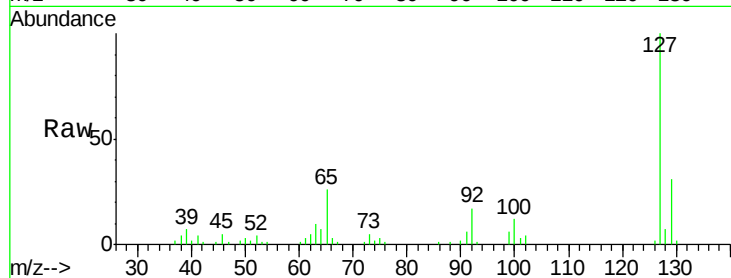




#33
 4-Chloroaniline
 Concen: 15.10 ng
 RT: 8.76 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

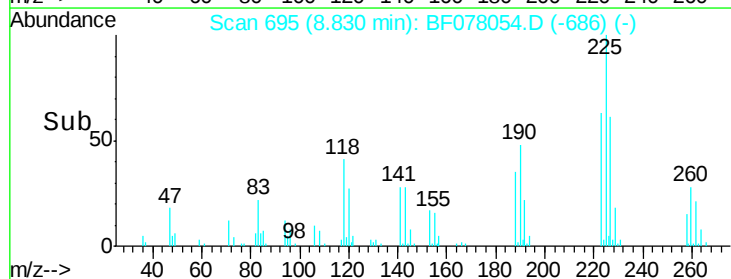
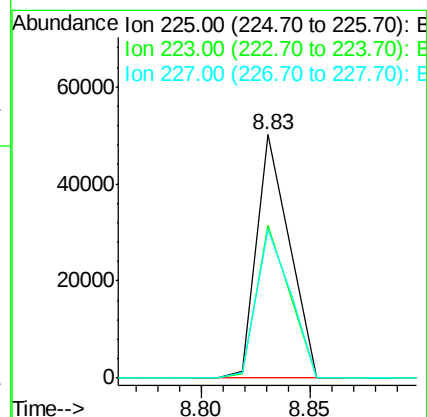
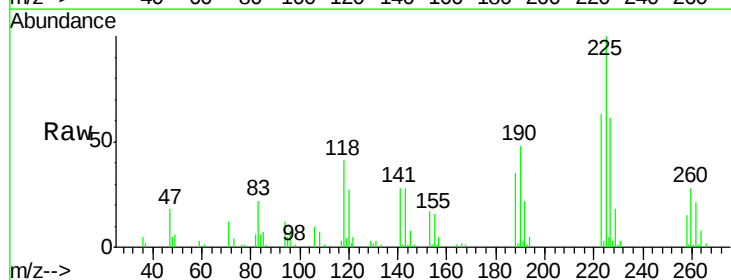
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

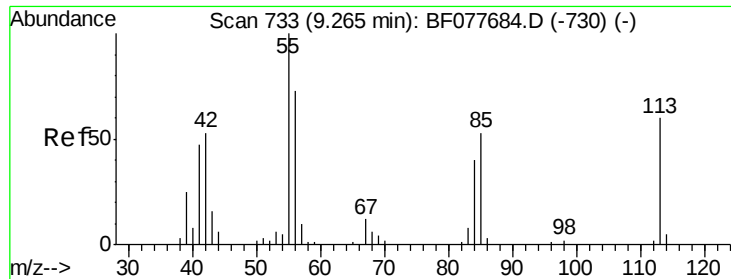
Tgt Ion:	127	Resp:	50464
Ion	Ratio	Lower	Upper
127	100		
129	30.6	25.3	37.9
65	25.7	17.6	26.4
92	16.8	13.1	19.7



#34
 Hexachlorobutadiene
 Concen: 37.03 ng
 RT: 8.83 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:	225	Resp:	52624
Ion	Ratio	Lower	Upper
225	100		
223	62.9	47.9	71.9
227	61.2	50.1	75.1

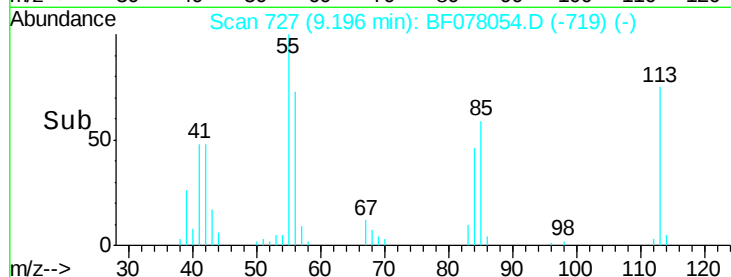
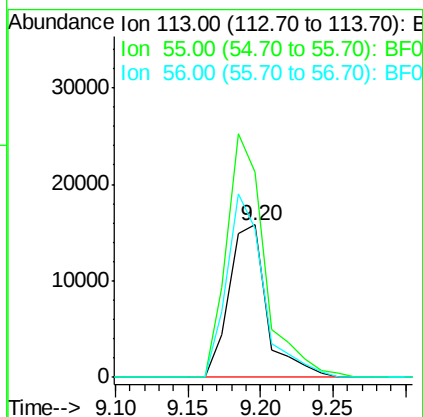
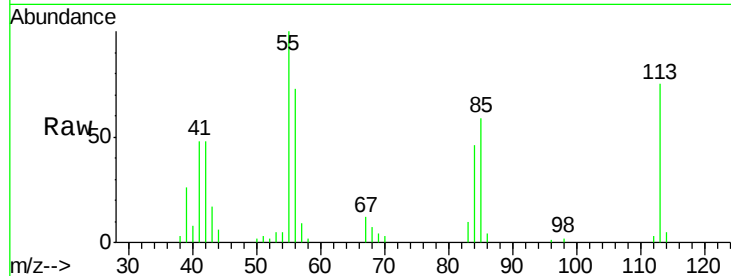




#35
 Caprolactam
 Concen: 43.88 ng
 RT: 9.20 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

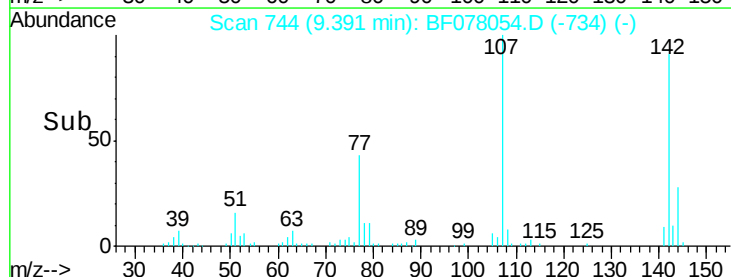
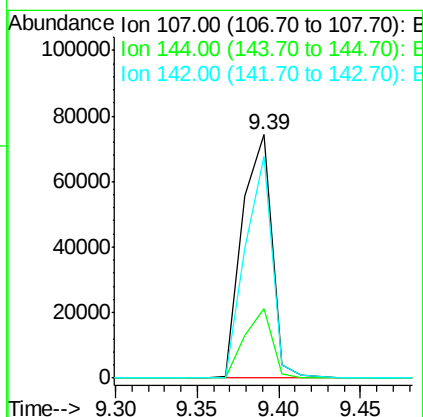
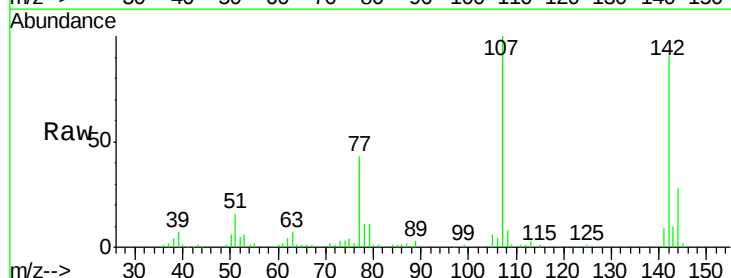
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:113 Resp: 28733
 Ion Ratio Lower Upper
 113 100
 55 134.1 145.9 185.9#
 56 97.7 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 41.27 ng
 RT: 9.39 min Scan# 744
 Delta R.T. 0.01 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:107 Resp: 93034
 Ion Ratio Lower Upper
 107 100
 144 28.5 23.3 34.9
 142 91.2 72.6 109.0





#37

2-Methylnaphthalene

Concen: 40.62 ng

RT: 9.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

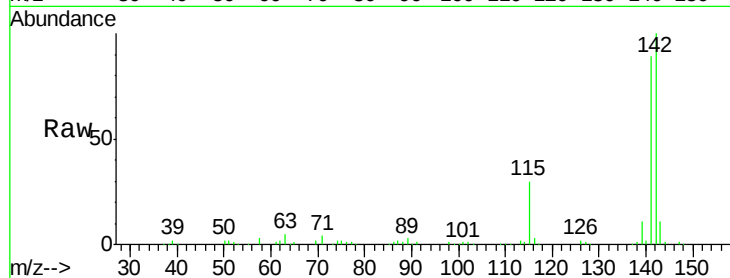
Tgt Ion:142 Resp: 224776

Ion Ratio Lower Upper

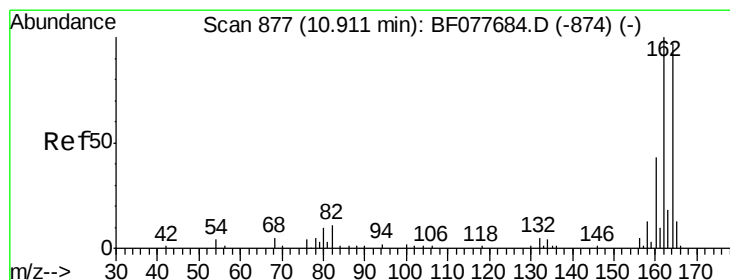
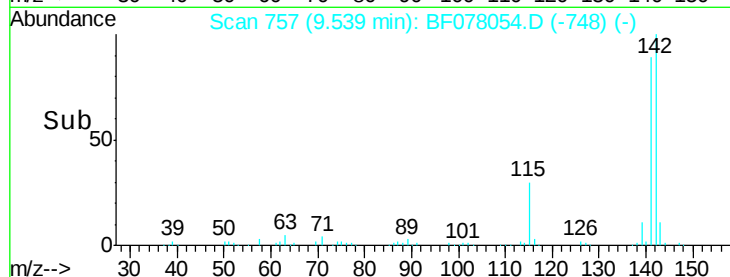
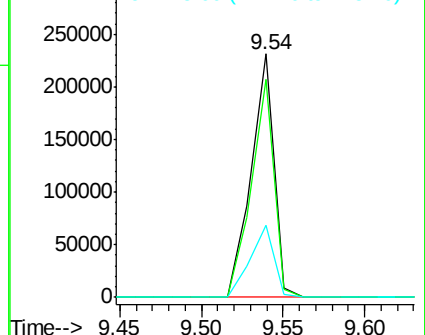
142 100

141 89.4 71.9 107.9

115 29.8 25.4 38.0



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: 10.82 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

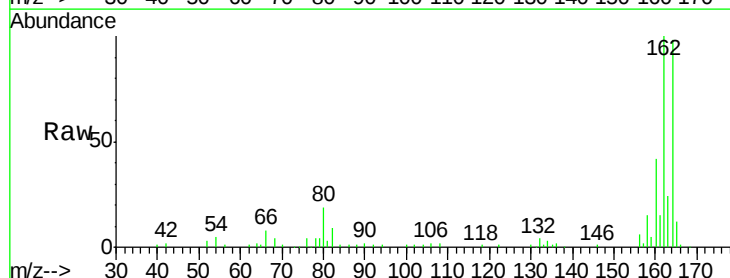
Tgt Ion:164 Resp: 83509

Ion Ratio Lower Upper

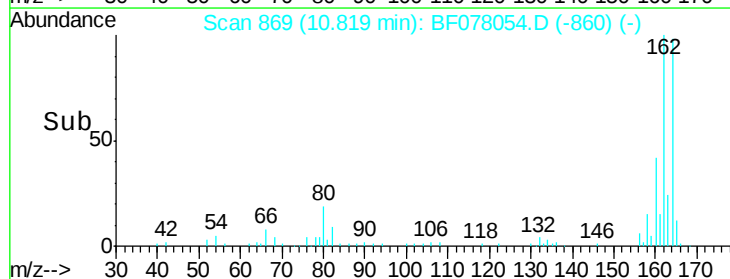
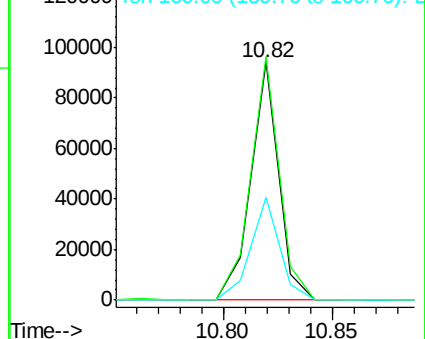
164 100

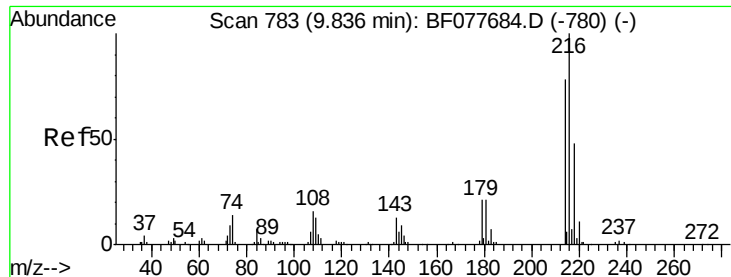
162 102.2 82.4 123.6

160 43.2 35.8 53.6



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.65 ng

RT: 9.74 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

Tgt Ion:216 Resp: 96266

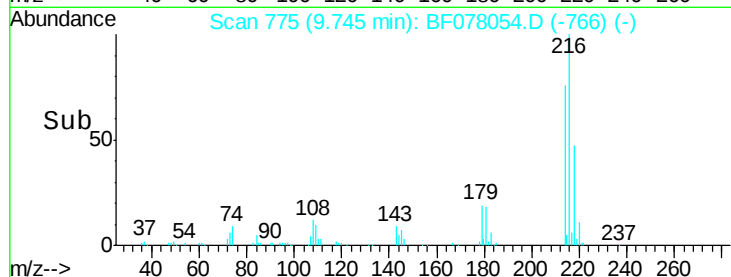
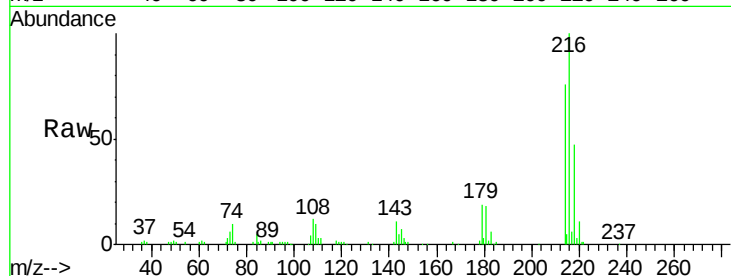
Ion Ratio Lower Upper

216 100

214 77.2 0.0 0.0#

179 20.5 0.0 0.0#

108 19.2 0.0 0.0#

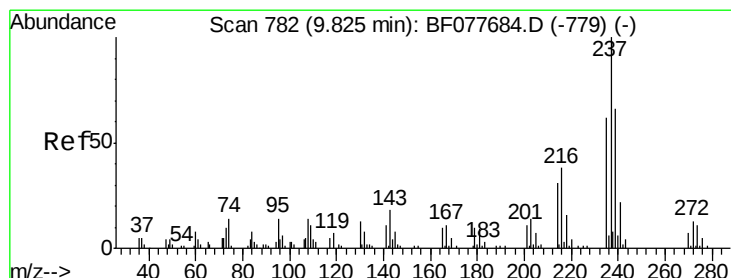
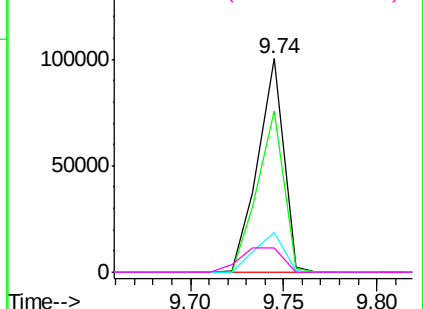


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 75.10 ng

RT: 9.72 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

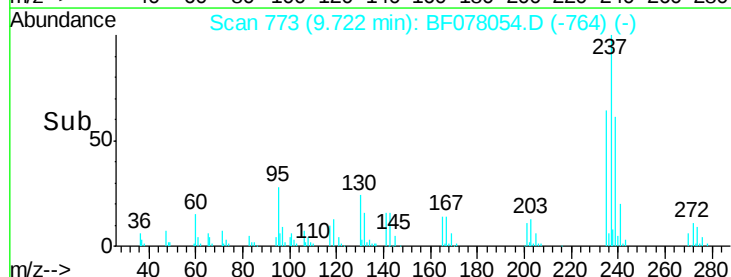
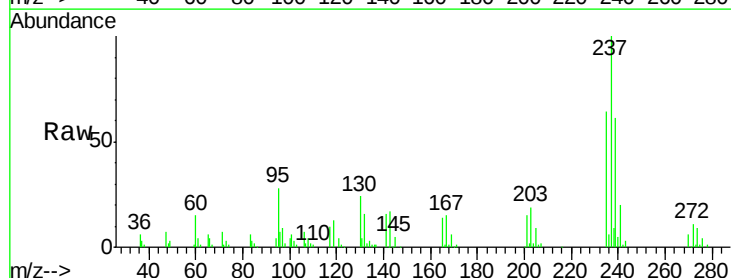
Tgt Ion:237 Resp: 93384

Ion Ratio Lower Upper

237 100

235 63.9 42.0 82.0

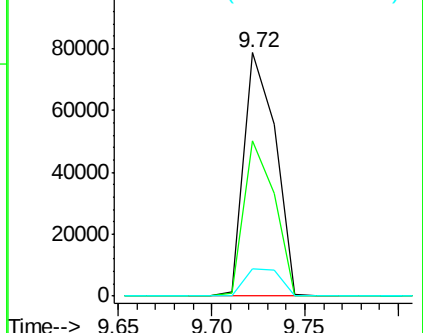
272 11.1 0.0 33.4

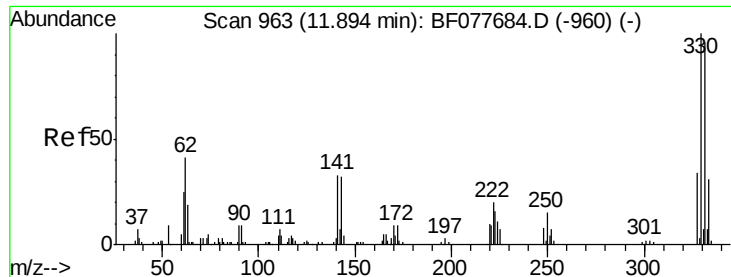


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

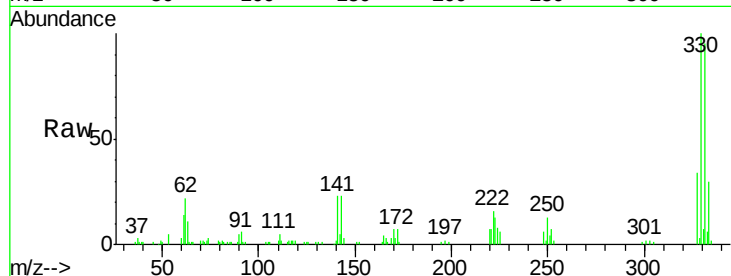




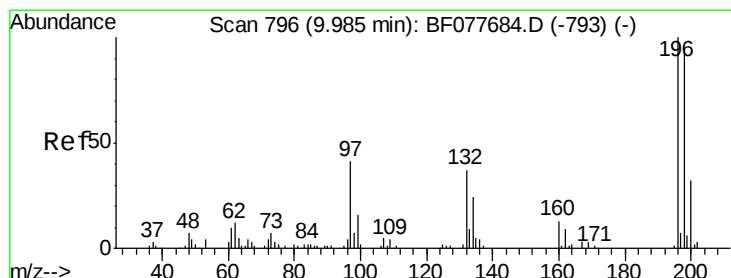
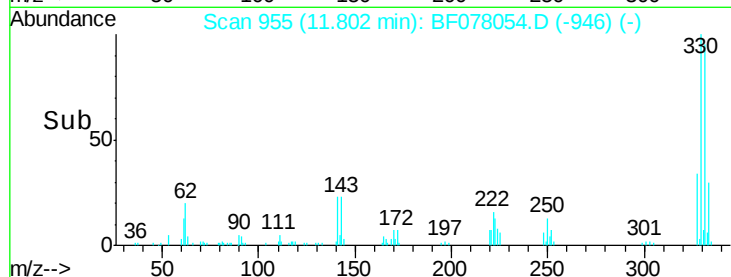
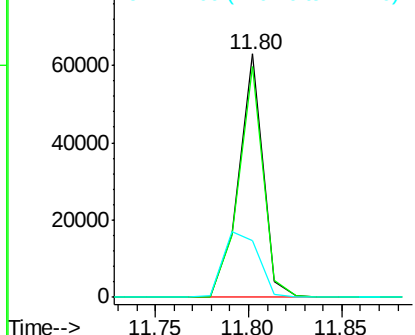
#41
 2,4,6-Tribromophenol
 Concen: 72.26 ng
 RT: 11.80 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:330 Resp: 57736
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 38.5 0.0 0.0#

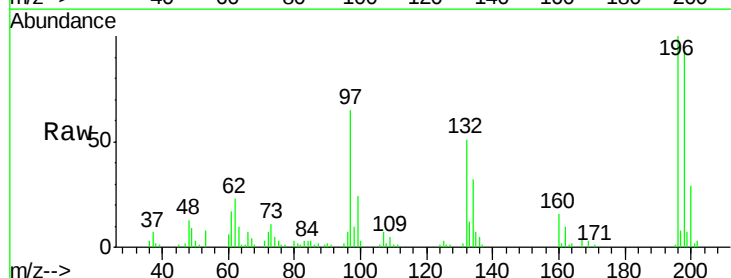


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

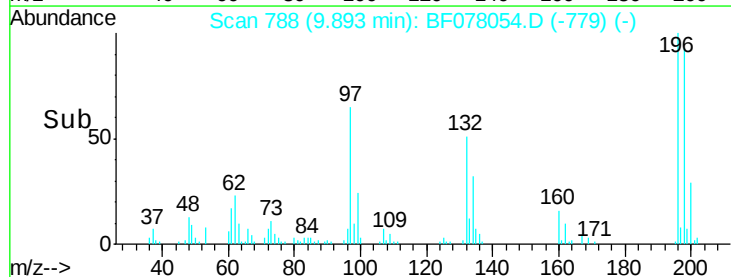
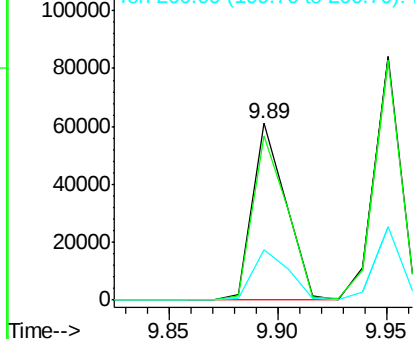


#42
 2,4,6-Trichlorophenol
 Concen: 37.92 ng
 RT: 9.89 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:196 Resp: 65432
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 28.9 25.6 38.4



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

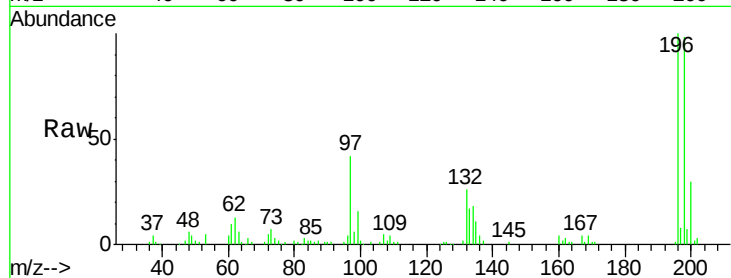




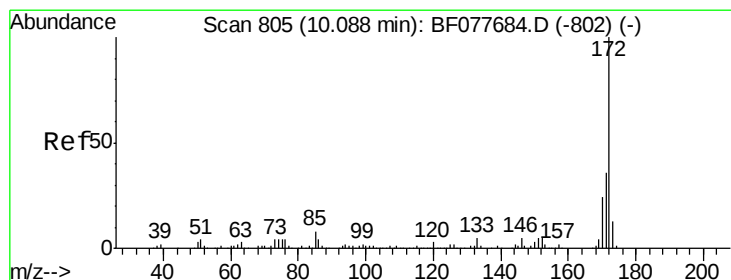
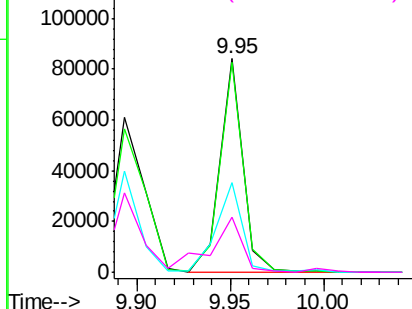
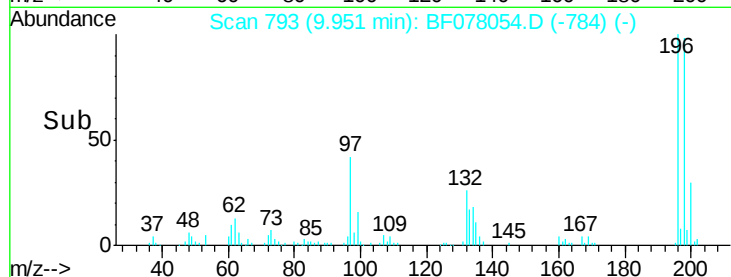
#43
 2,4,5-Trichlorophenol
 Concen: 39.13 ng
 RT: 9.95 min Scan# 793
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:196 Resp: 72931
 Ion Ratio Lower Upper
 196 100
 198 98.3 79.4 119.0
 97 41.8 26.8 40.2#
 132 26.0 18.6 28.0

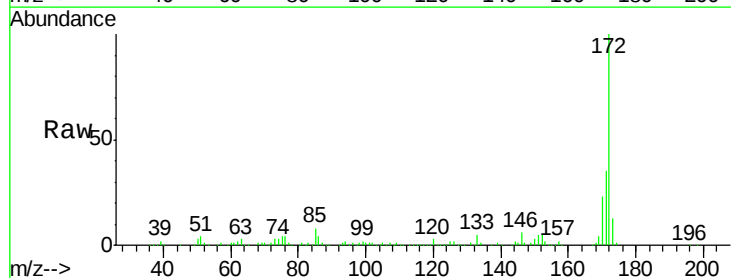


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

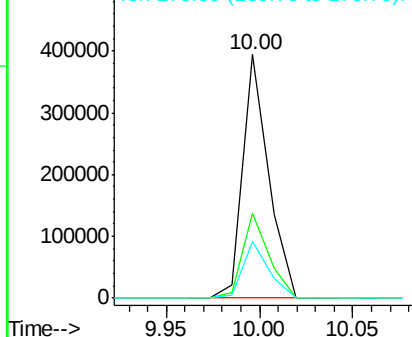
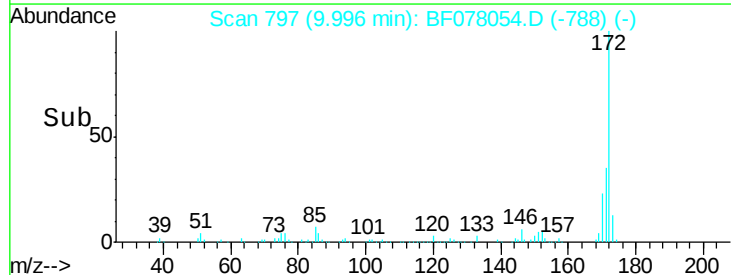


#44
 2-Fluorobiphenyl
 Concen: 66.74 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:172 Resp: 379269
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.5 42.7
 170 23.1 18.8 28.2



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

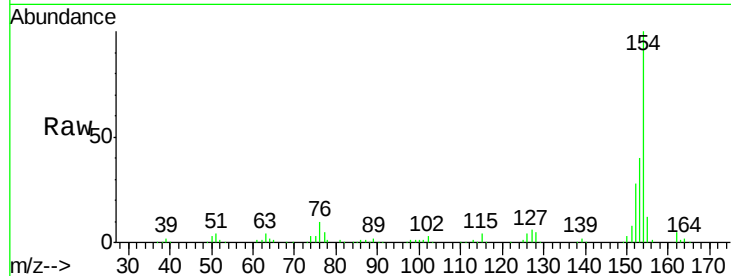




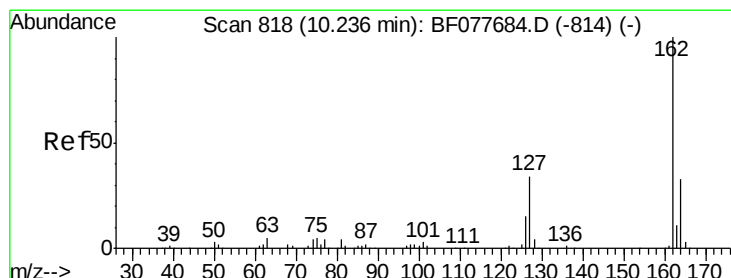
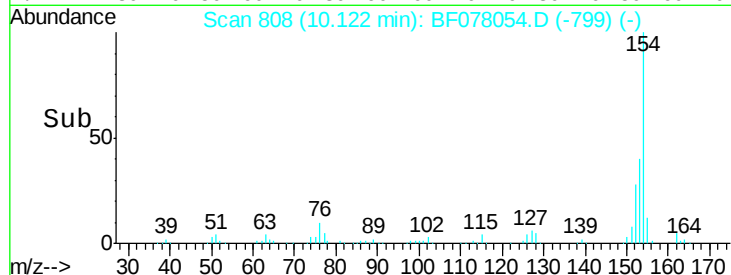
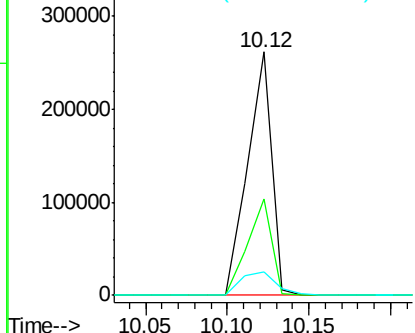
#45
1,1'-Biphenyl
Concen: 39.92 ng
RT: 10.12 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:154 Resp: 266476
Ion Ratio Lower Upper
154 100
153 39.7 20.7 60.7
76 9.5 0.0 30.9

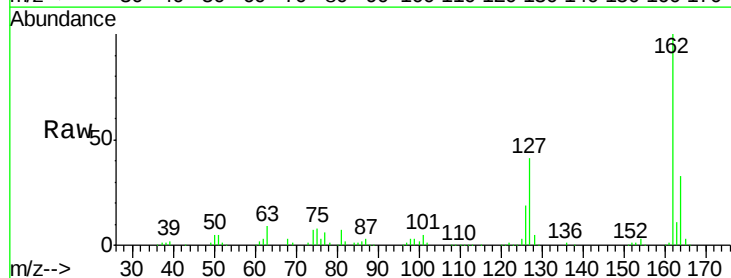


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO

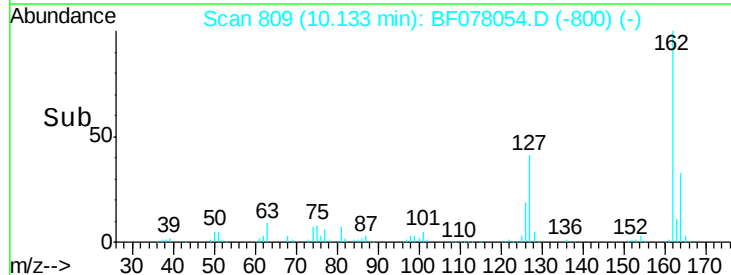
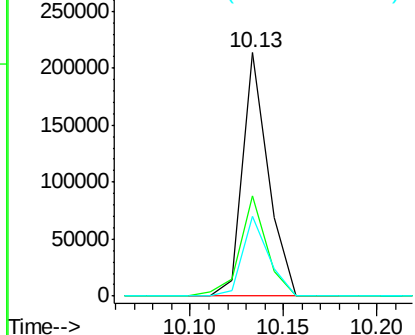


#46
2-Chloronaphthalene
Concen: 37.59 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:162 Resp: 203954
Ion Ratio Lower Upper
162 100
127 41.2 26.9 40.3#
164 32.7 26.8 40.2



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

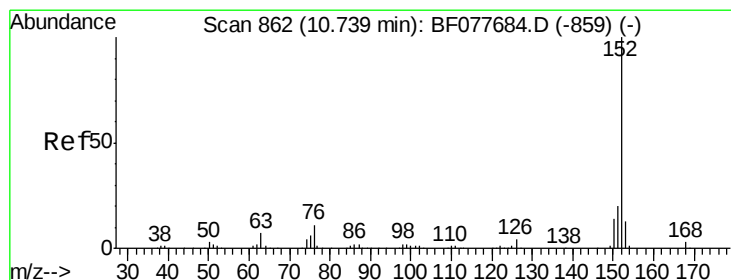
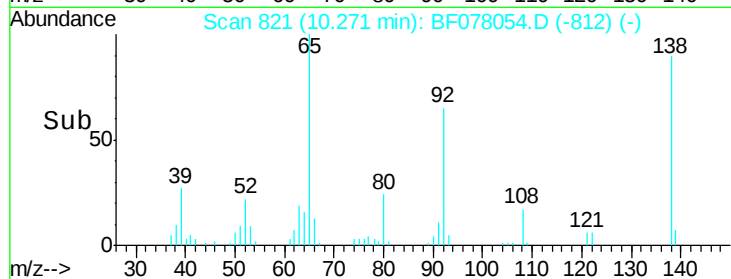
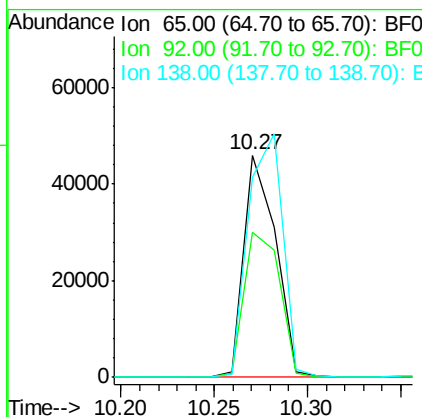
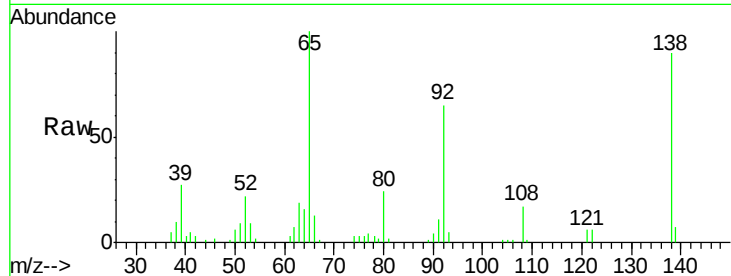




#47
 2-Nitroaniline
 Concen: 40.52 ng
 RT: 10.27 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

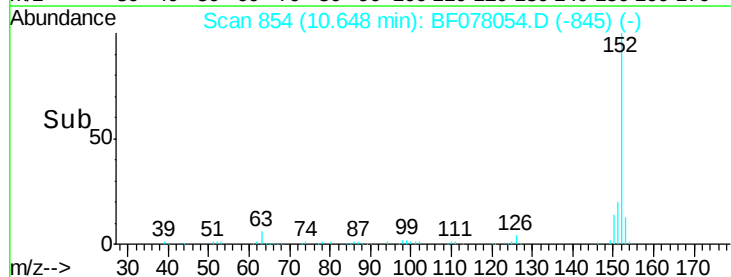
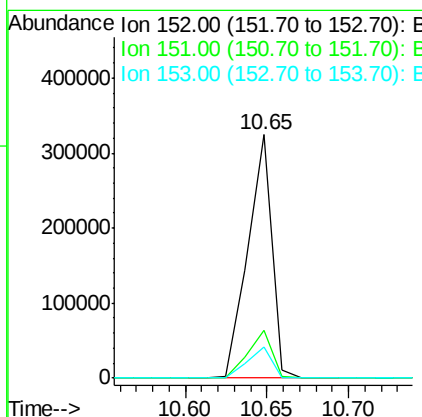
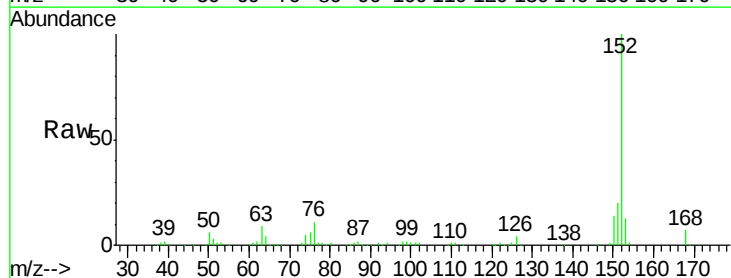
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:	65	Resp:	54595
Ion	Ratio	Lower	Upper
65	100		
92	65.2	59.1	88.7
138	89.8	93.9	140.9#



#48
 Acenaphthylene
 Concen: 36.64 ng
 RT: 10.65 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:	152	Resp:	330575
Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.9	23.9
153	13.0	10.6	16.0





#49

Dimethylphthalate

Concen: 39.03 ng

RT: 10.51 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

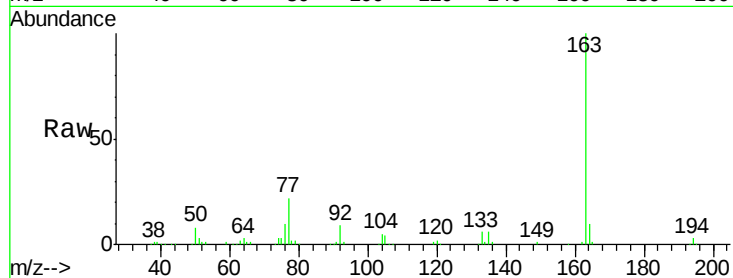
Tgt Ion:163 Resp: 241713

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

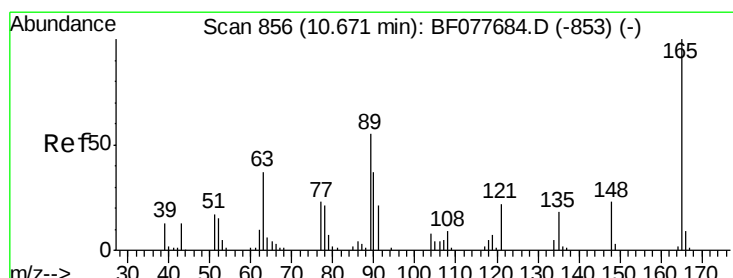
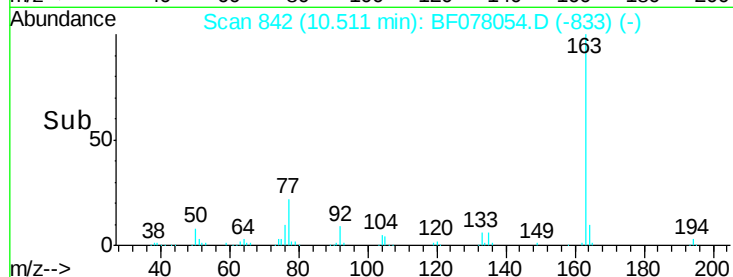
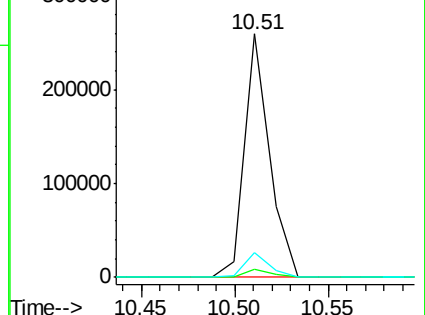
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.83 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

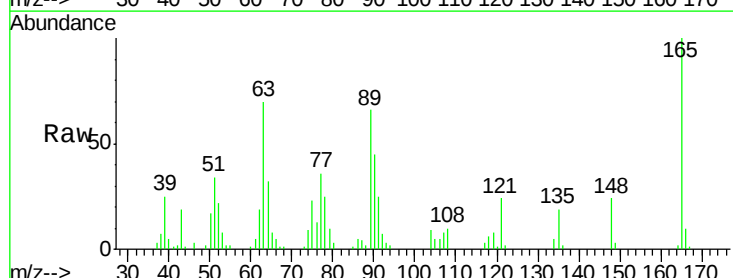
Tgt Ion:165 Resp: 52423

Ion Ratio Lower Upper

165 100

63 70.1 44.1 66.1#

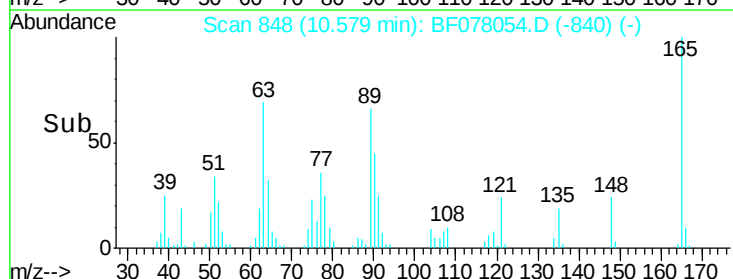
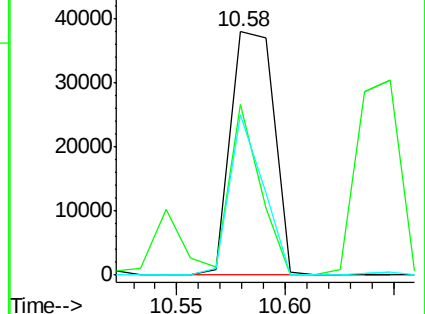
89 65.7 44.3 66.5

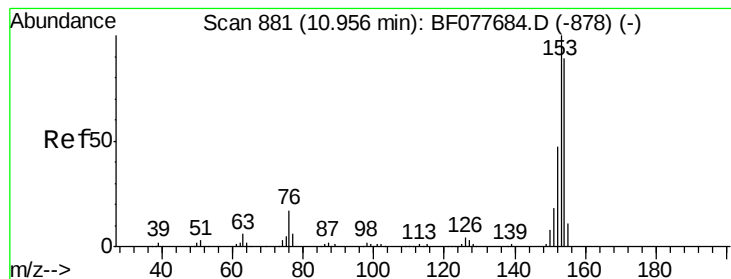


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 37.39 ng

RT: 10.85 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

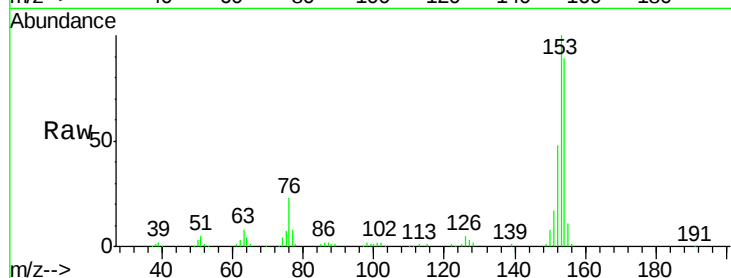
Tgt Ion:154 Resp: 193394

Ion Ratio Lower Upper

154 100

153 111.8 90.0 135.0

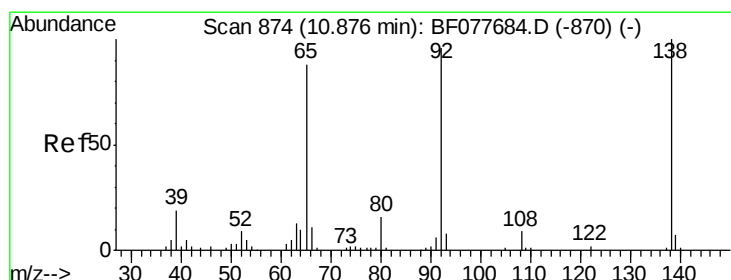
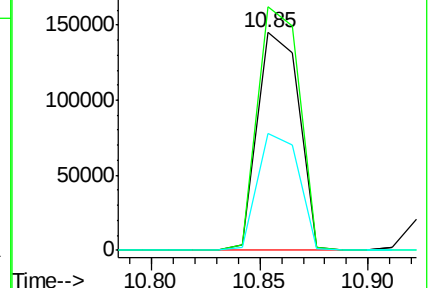
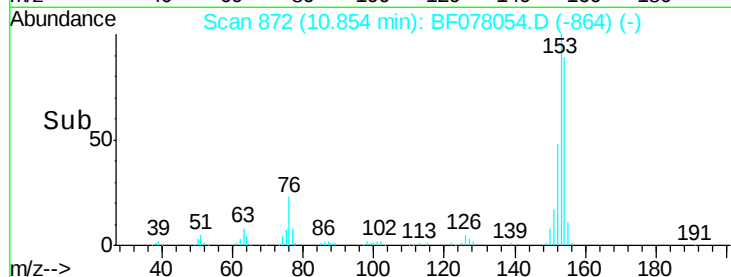
152 53.7 42.6 63.8



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: 20.13 ng

RT: 10.78 min Scan# 866

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

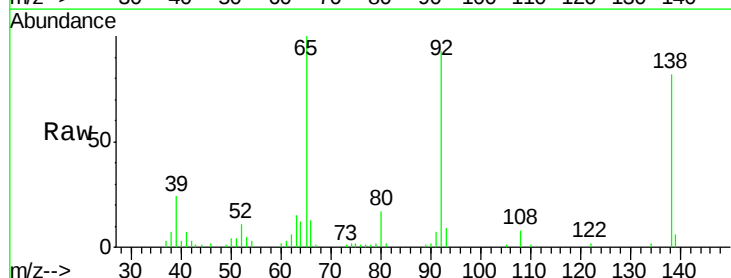
Tgt Ion:138 Resp: 30010

Ion Ratio Lower Upper

138 100

108 9.9 7.3 10.9

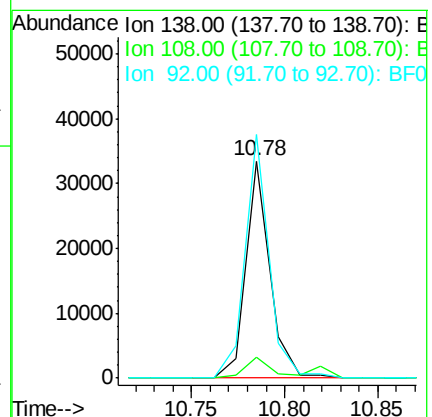
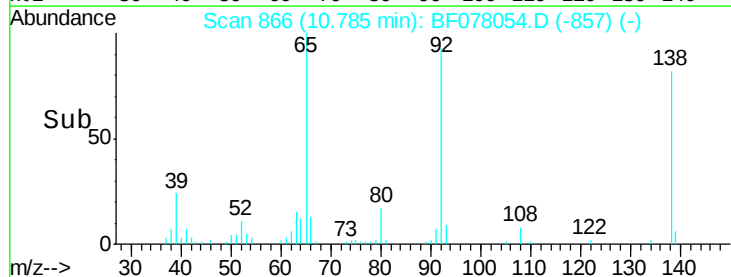
92 112.4 76.6 114.8

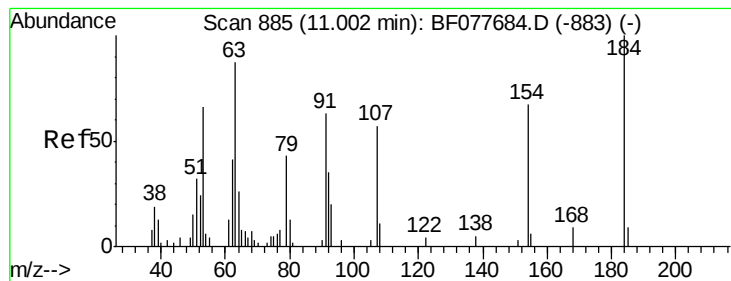


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 70.56 ng

RT: 10.92 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

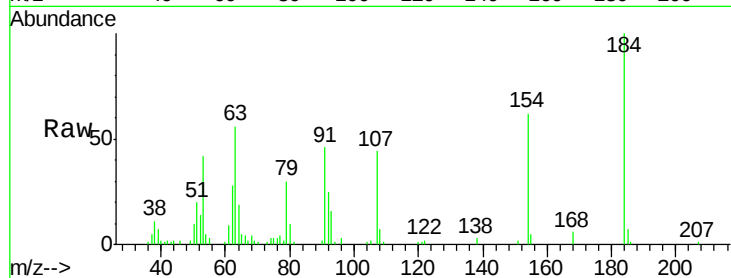
Tgt Ion:184 Resp: 32782

Ion Ratio Lower Upper

184 100

63 56.2 69.2 103.8#

154 62.1 53.3 79.9



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

200000

150000

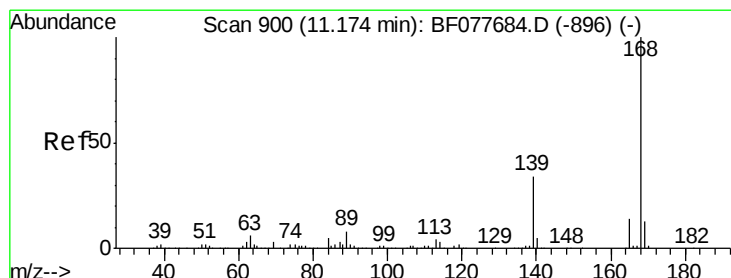
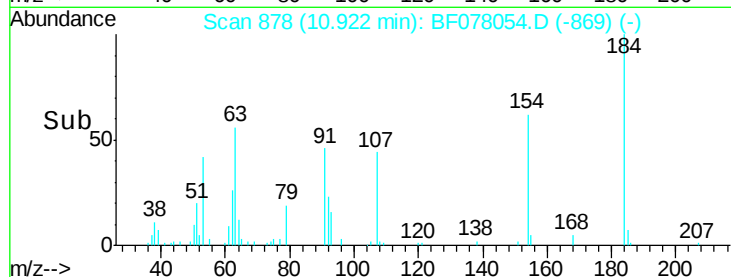
100000

50000

0

10.85 10.90 10.95 11.00

Time-->



#54

Dibenzofuran

Concen: 38.81 ng

RT: 11.07 min Scan# 891

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

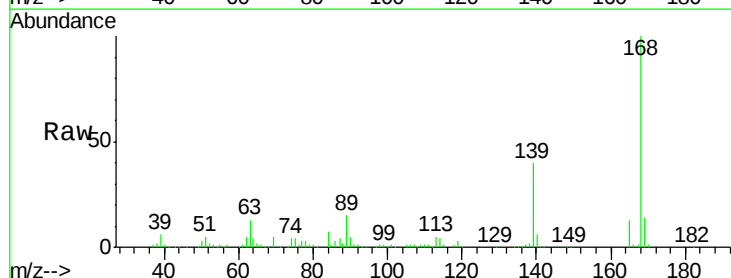
Tgt Ion:168 Resp: 297747

Ion Ratio Lower Upper

168 100

139 40.1 27.3 40.9

169 13.6 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

300000

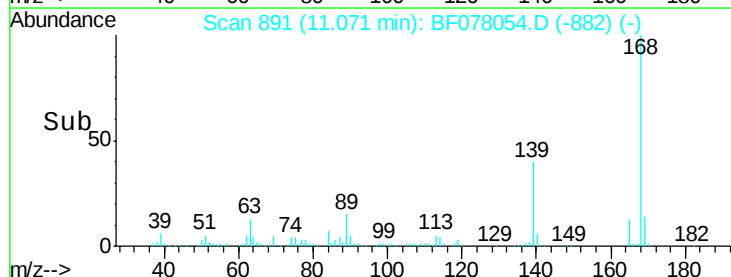
200000

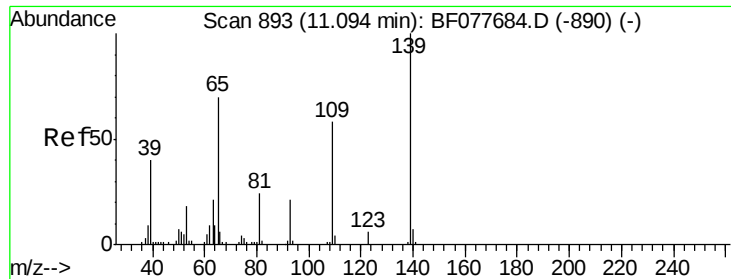
100000

0

11.00 11.05 11.10

Time-->

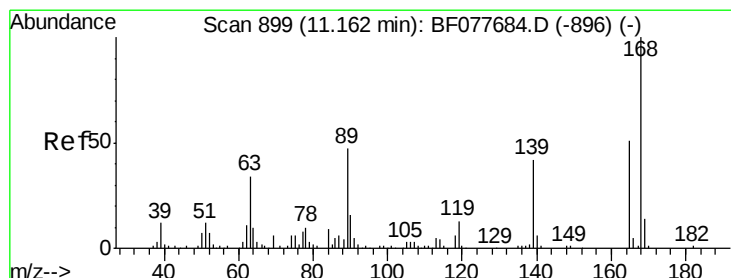
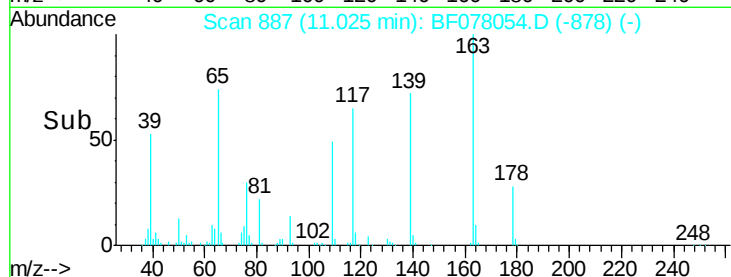
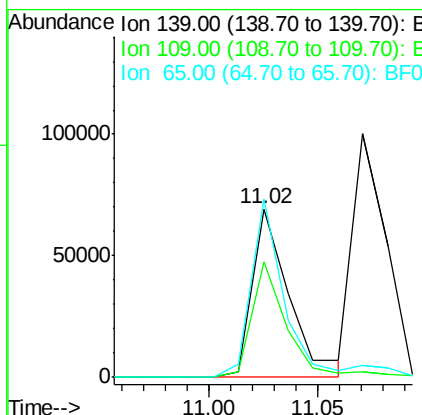
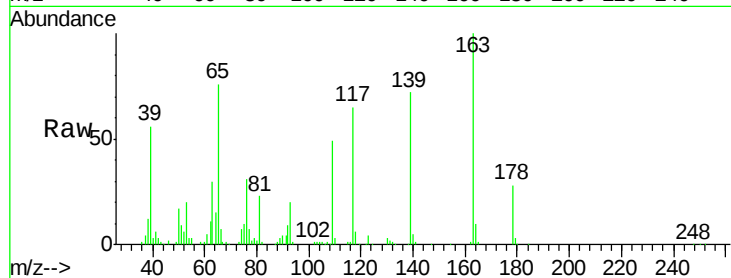




#55
4-Nitrophenol
Concen: 74.61 ng
RT: 11.02 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

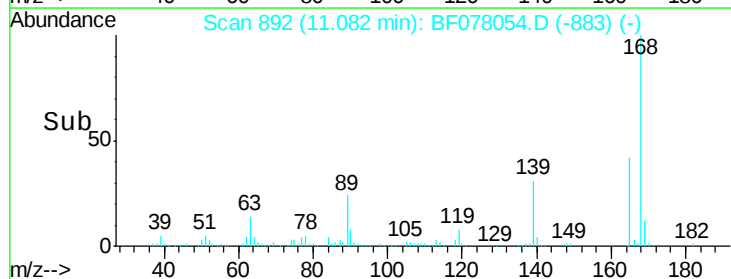
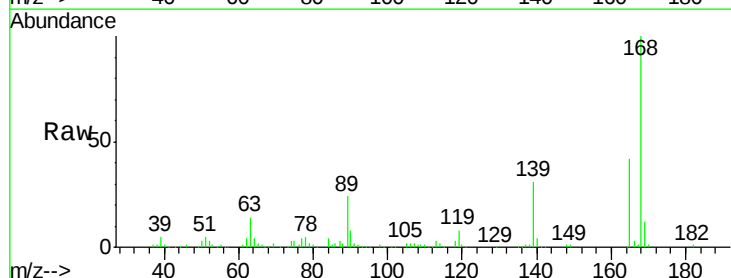
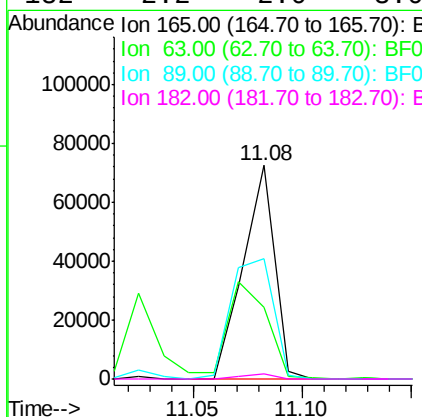
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:139 Resp: 82403
Ion Ratio Lower Upper
139 100
109 68.4 37.7 77.7
65 105.8 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 43.69 ng
RT: 11.08 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:165 Resp: 73139
Ion Ratio Lower Upper
165 100
63 33.8 52.4 78.6#
89 56.4 72.4 108.6#
182 2.2 2.0 3.0





#57

Fluorene

Concen: 37.37 ng

RT: 11.49 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

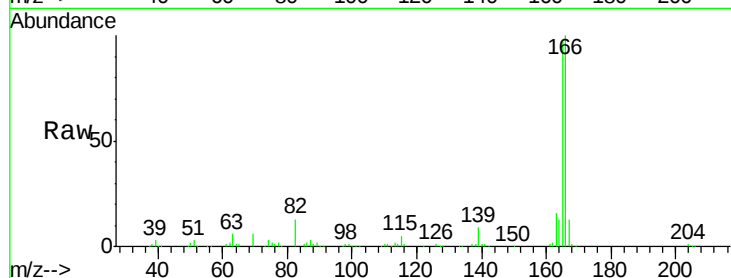
Tgt Ion:166 Resp: 238043

Ion Ratio Lower Upper

166 100

165 97.4 79.0 118.4

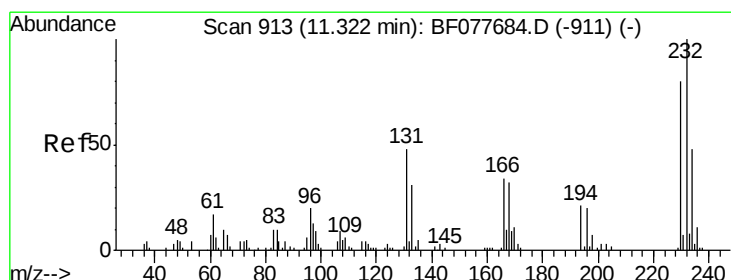
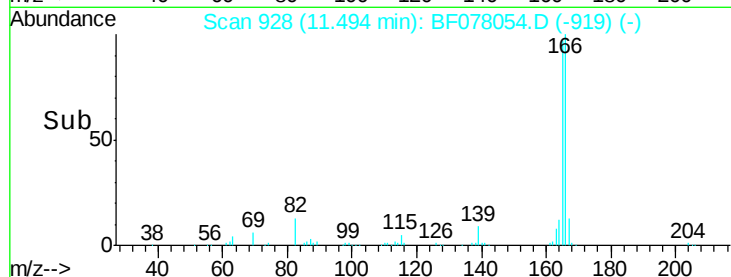
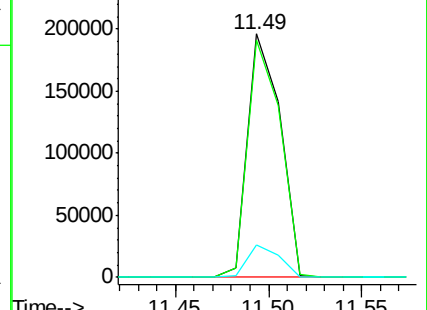
167 13.1 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 38.10 ng

RT: 11.23 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Tgt Ion:232 Resp: 54688

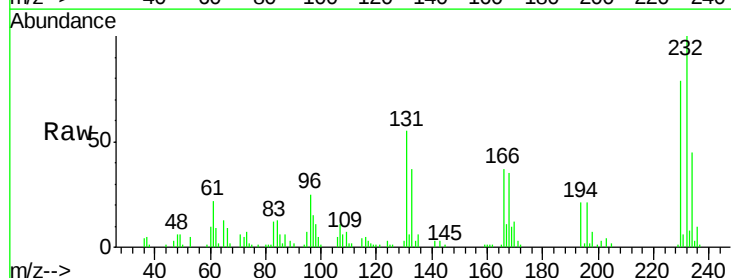
Ion Ratio Lower Upper

232 100

131 46.9 0.0 0.0#

130 2.3 0.0 0.0#

166 32.1 0.0 0.0#

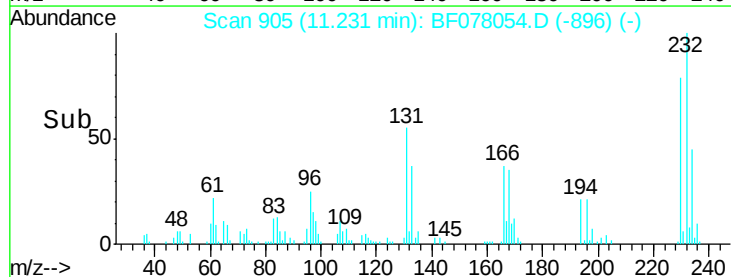
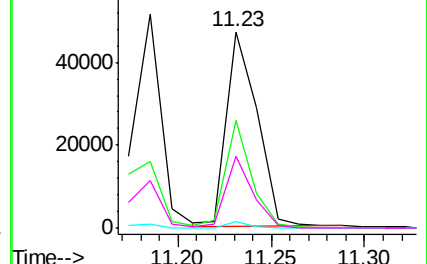


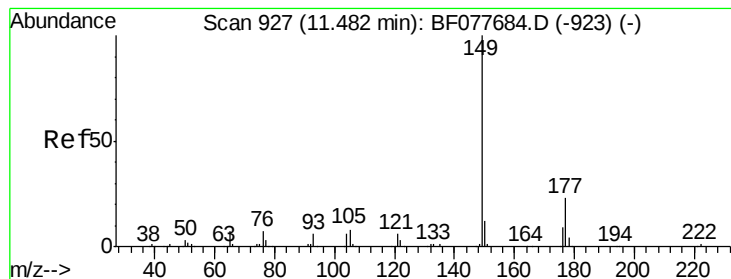
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 41.36 ng

RT: 11.39 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

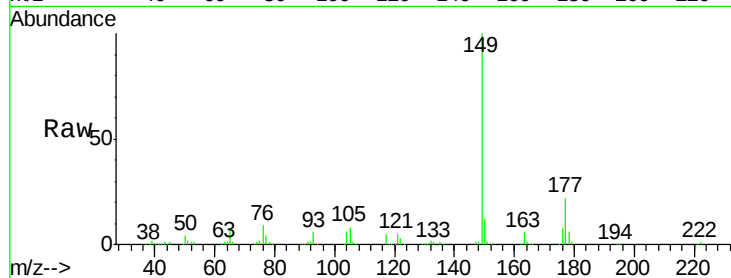
Tgt Ion:149 Resp: 249584

Ion Ratio Lower Upper

149 100

177 22.2 18.3 27.5

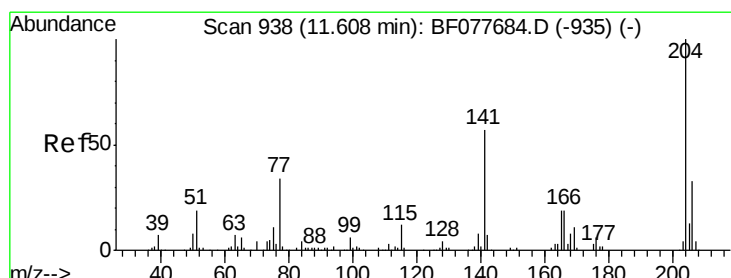
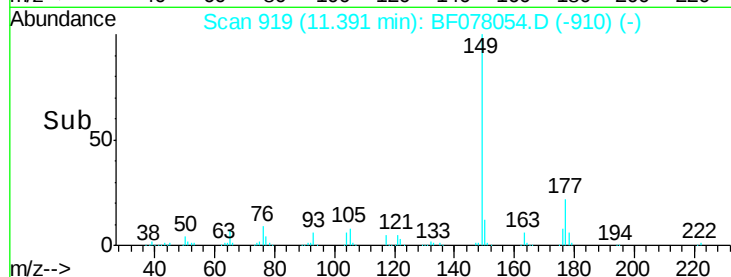
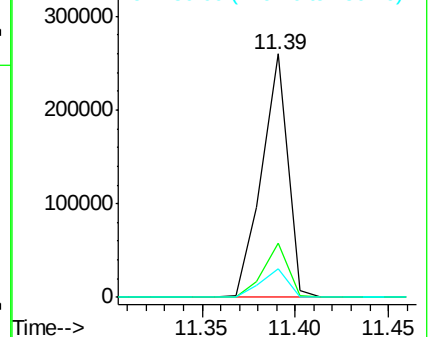
150 11.6 9.8 14.8



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: 39.07 ng

RT: 11.51 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

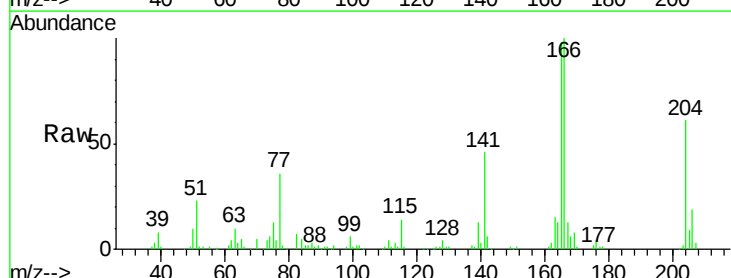
Tgt Ion:204 Resp: 113580

Ion Ratio Lower Upper

204 100

206 30.5 26.6 39.8

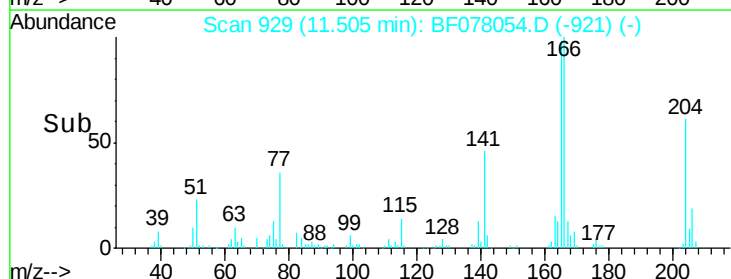
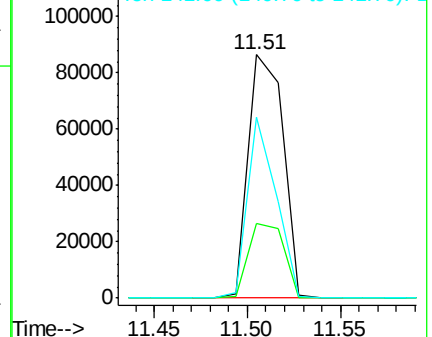
141 74.5 45.2 67.8#

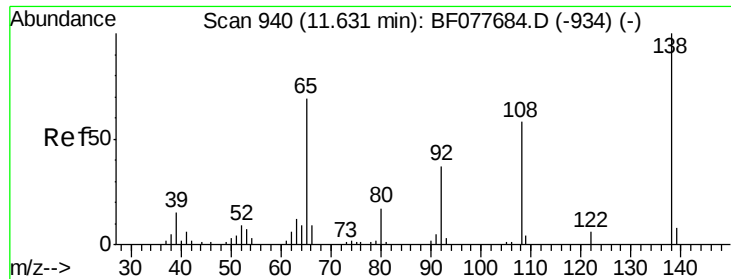


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

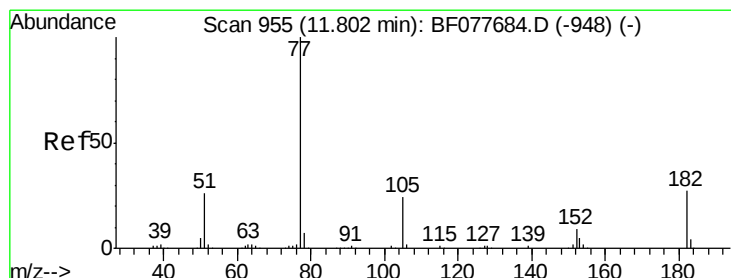
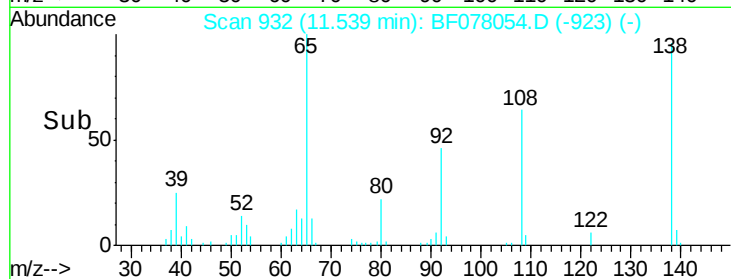
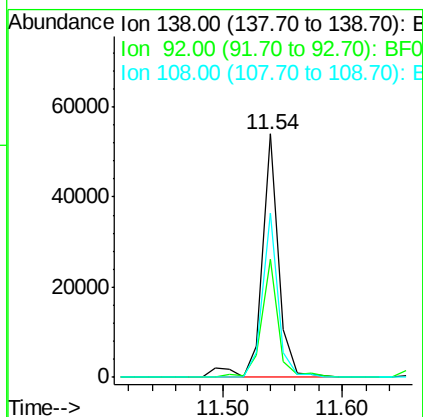
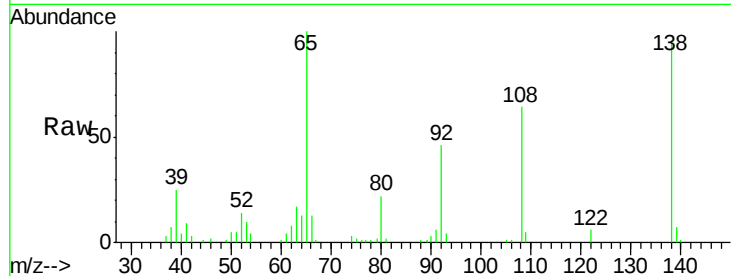




#61
4-Nitroaniline
Concen: 35.64 ng
RT: 11.54 min Scan# 932
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

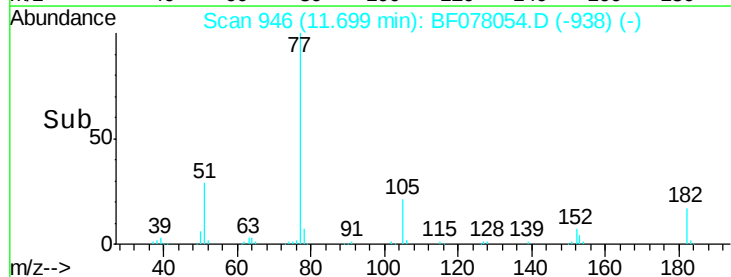
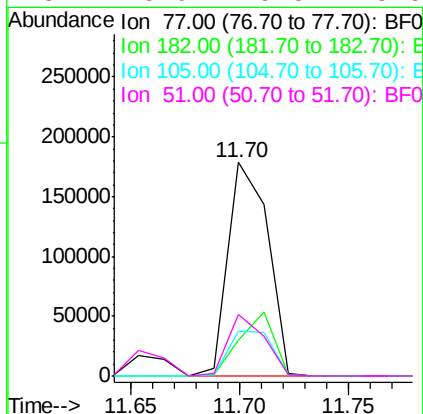
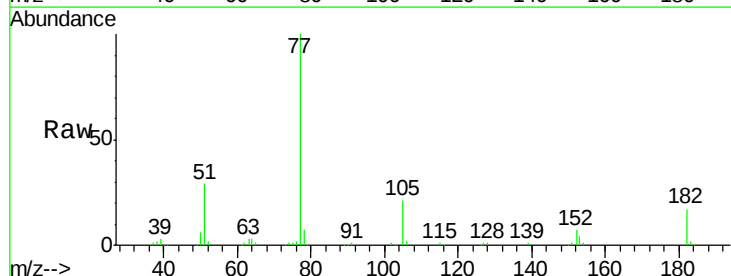
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

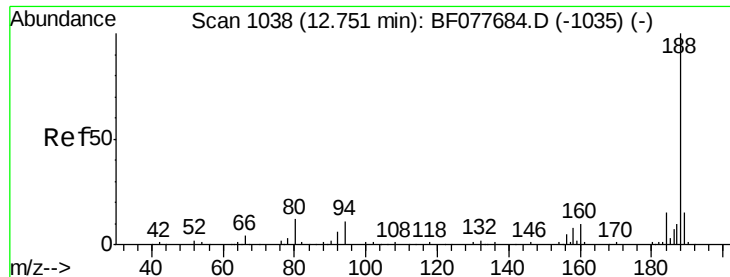
Tgt Ion:138 Resp: 52959
Ion Ratio Lower Upper
138 100
92 48.3 16.7 56.7
108 67.5 37.6 77.6



#62
Azobenzene
Concen: 39.38 ng
RT: 11.70 min Scan# 946
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion: 77 Resp: 227128
Ion Ratio Lower Upper
77 100
182 17.0 6.5 46.5
105 21.0 3.8 43.8
51 28.9 5.5 45.5

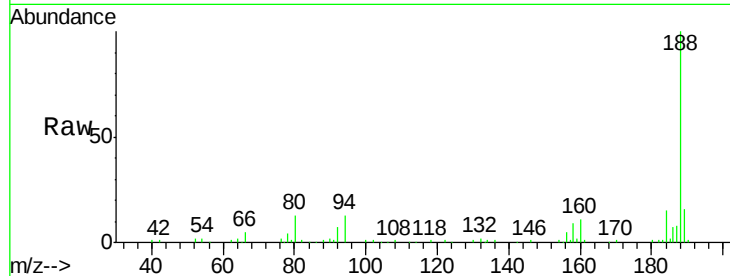




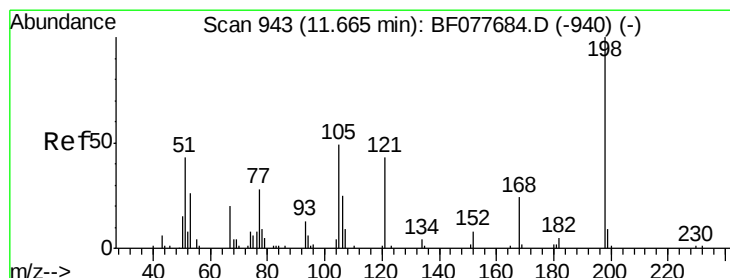
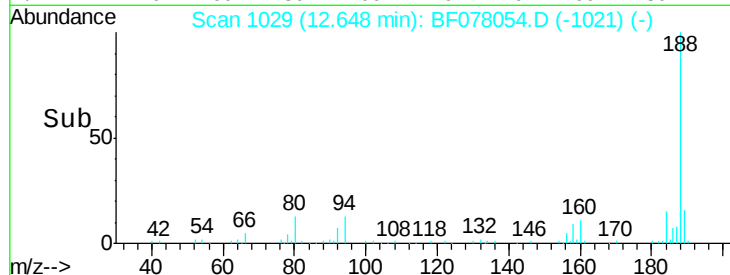
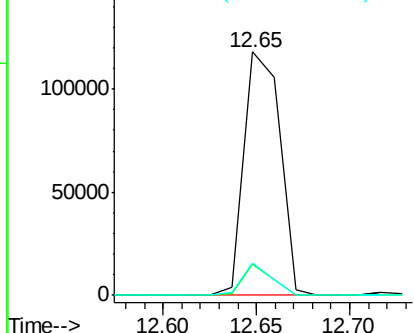
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.65 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:188 Resp: 158367
Ion Ratio Lower Upper
188 100
94 12.6 8.7 13.1
80 13.2 9.3 13.9

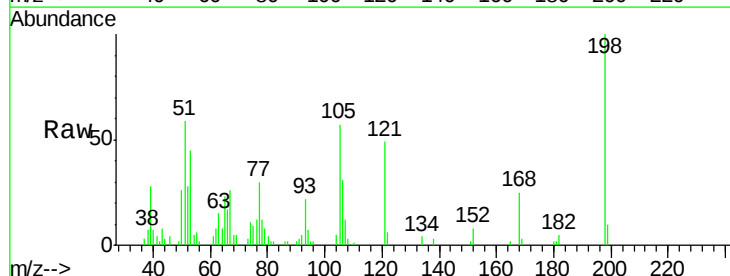


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

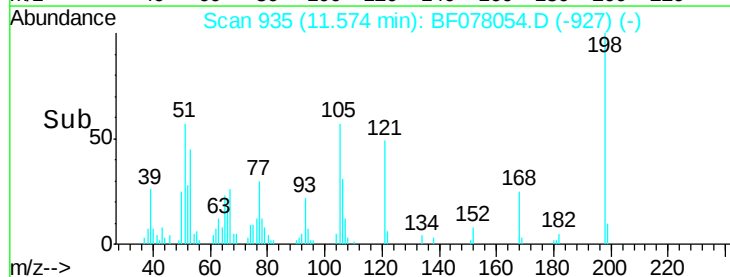
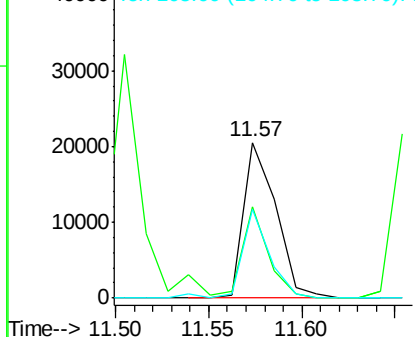


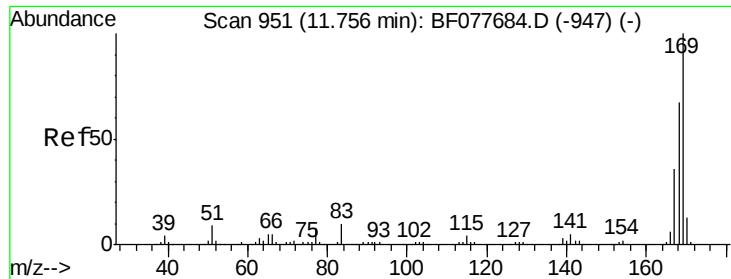
#64
4,6-Dinitro-2-methylphenol
Concen: 34.22 ng
RT: 11.57 min Scan# 935
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:198 Resp: 24578
Ion Ratio Lower Upper
198 100
51 58.6 28.8 68.8
105 56.9 30.5 70.5



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

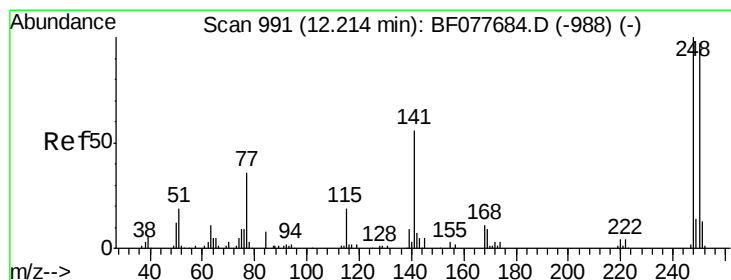
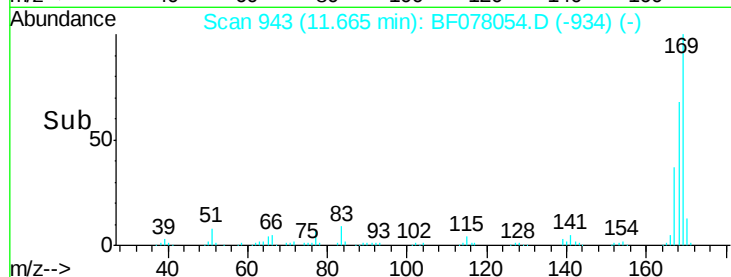
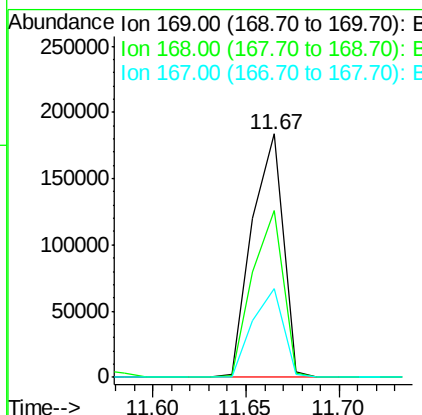
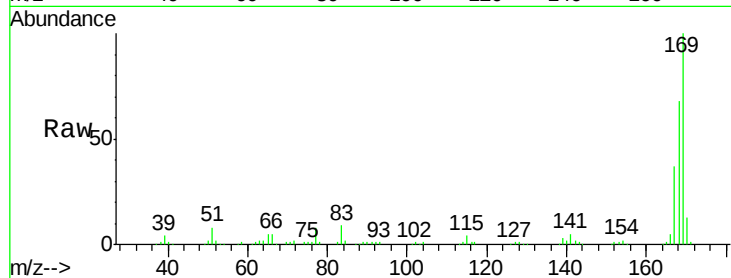




#65
 n-Nitrosodiphenylamine
 Concen: 40.40 ng
 RT: 11.67 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

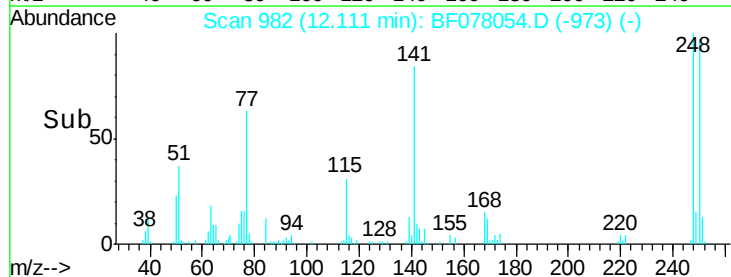
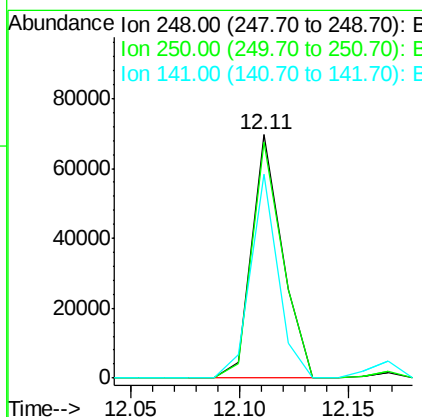
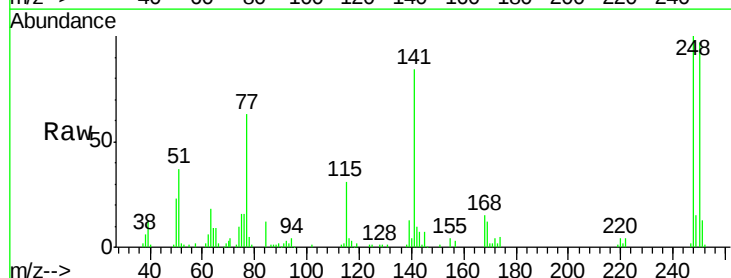
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:169 Resp: 213039
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.9 80.9
 167 36.6 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 40.54 ng
 RT: 12.11 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:248 Resp: 68523
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.4 116.0
 141 83.6 45.2 67.8#

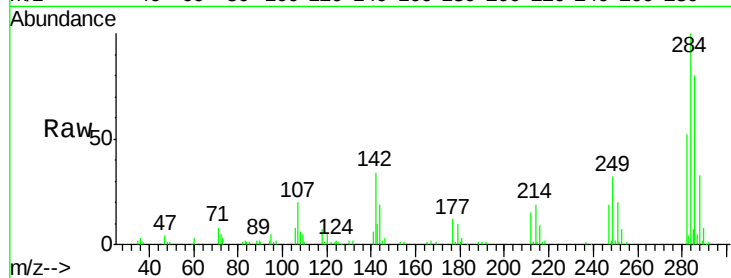




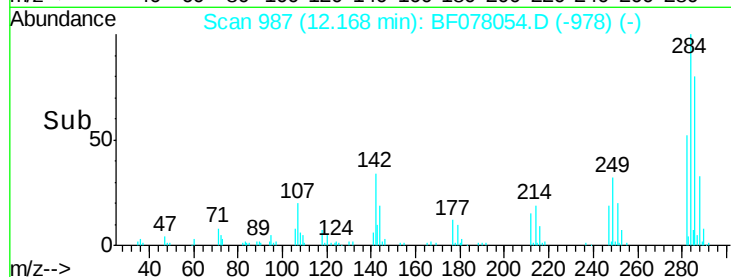
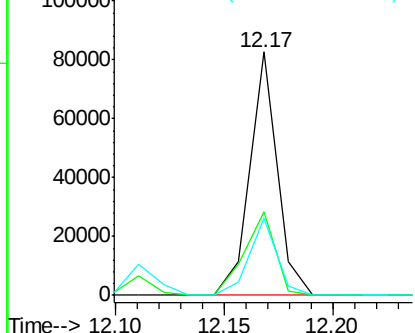
#67
Hexachlorobenzene
Concen: 39.02 ng
RT: 12.17 min Scan# 987
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion: 284 Resp: 72465
Ion Ratio Lower Upper
284 100
142 34.3 20.4 30.6#
249 31.7 23.8 35.6

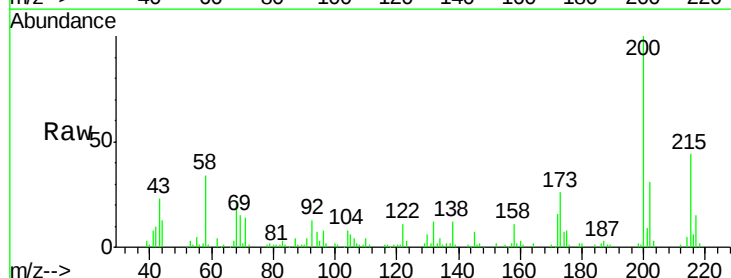


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

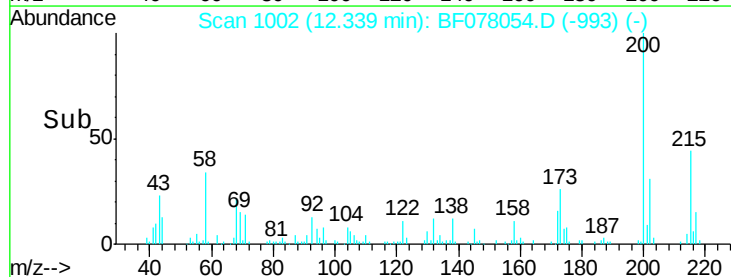
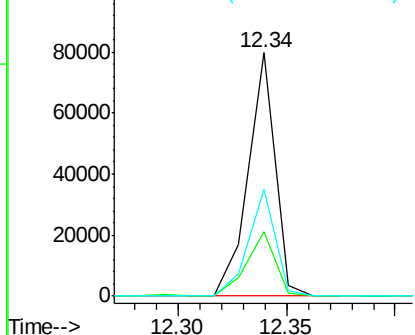


#68
Atrazine
Concen: 46.60 ng
RT: 12.34 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion: 200 Resp: 68859
Ion Ratio Lower Upper
200 100
173 26.3 4.8 44.8
215 44.0 26.9 66.9



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

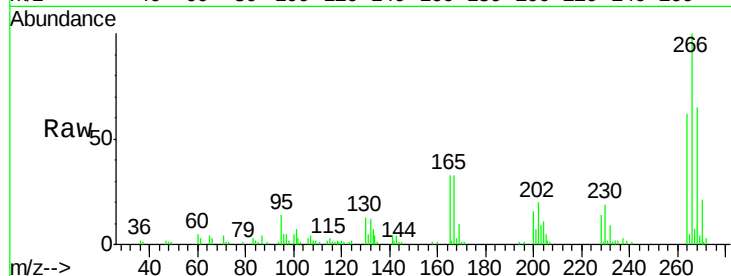




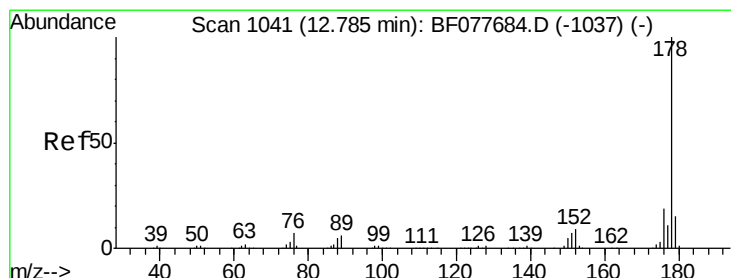
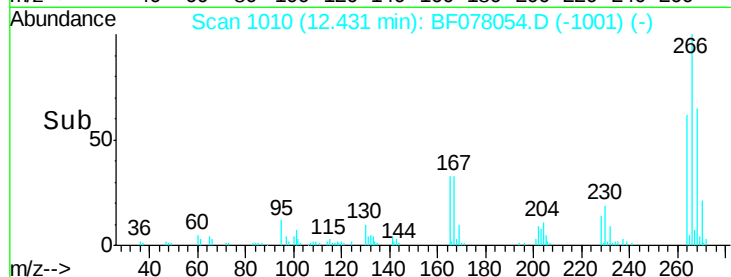
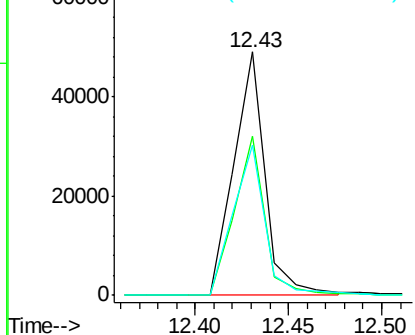
#69
 Pentachlorophenol
 Concen: 59.92 ng
 RT: 12.43 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion:266 Resp: 57495
 Ion Ratio Lower Upper
 266 100
 268 65.3 52.0 78.0
 264 61.7 49.0 73.4

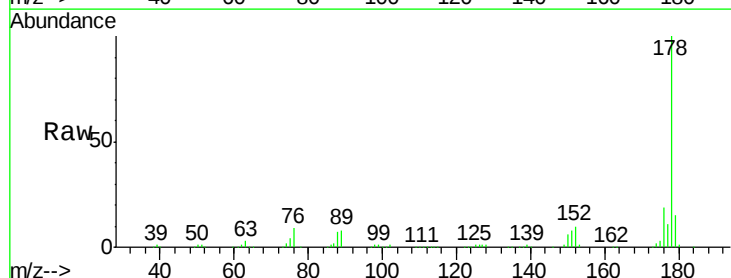


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

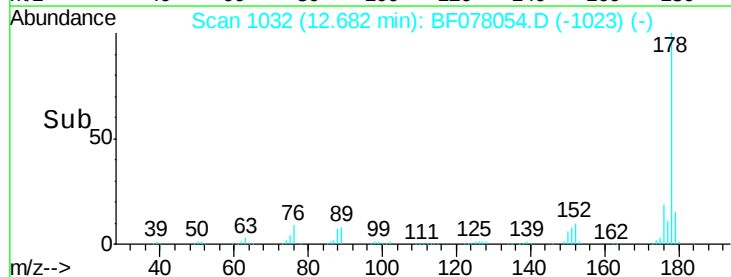
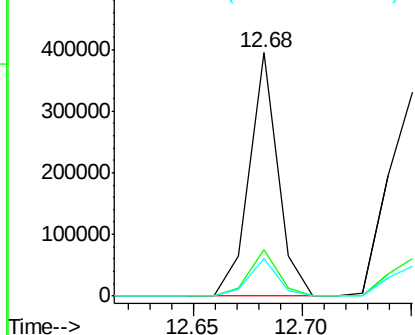


#70
 Phenanthrene
 Concen: 39.61 ng
 RT: 12.68 min Scan# 1032
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:178 Resp: 360145
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.2 22.8
 179 15.5 12.1 18.1



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

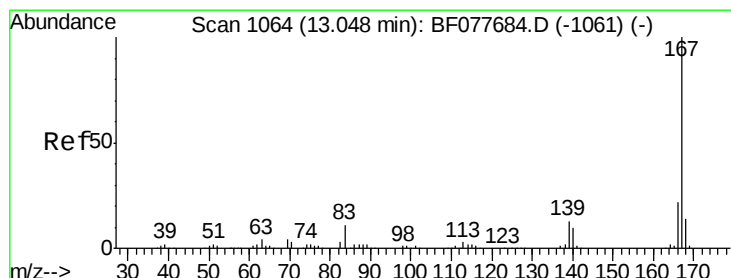
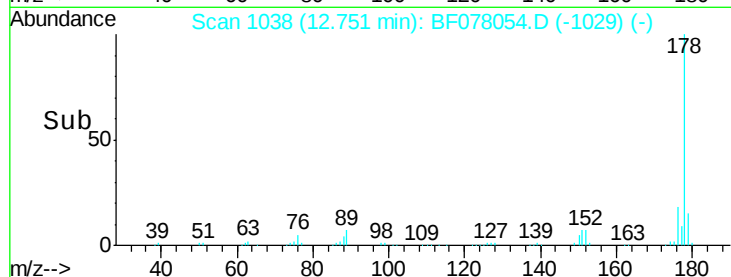
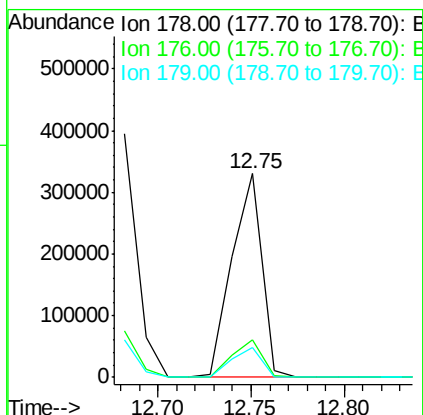
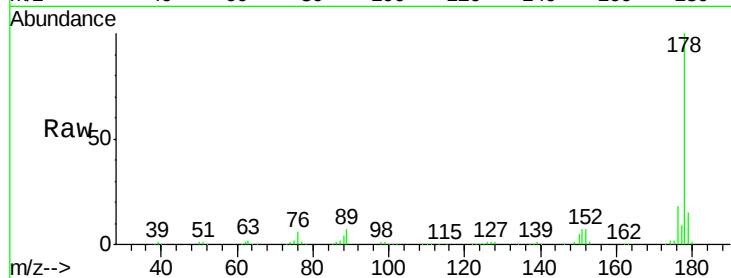




#71
 Anthracene
 Concen: 41.36 ng
 RT: 12.75 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

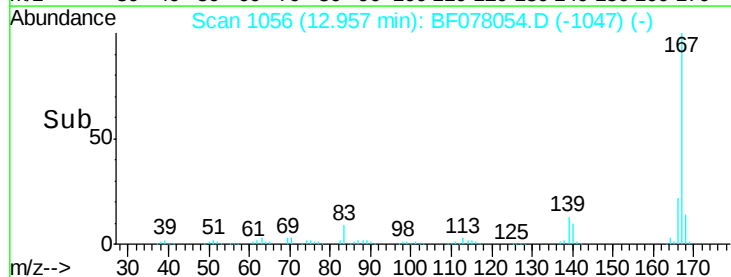
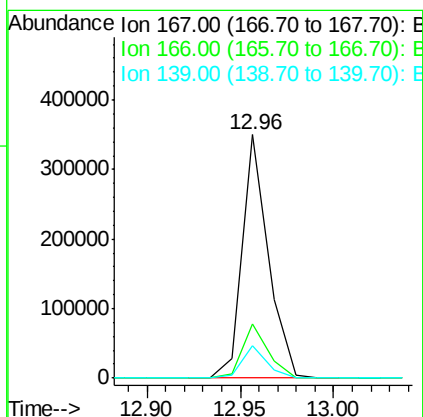
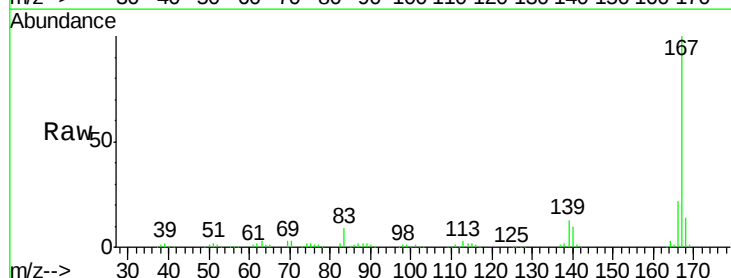
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

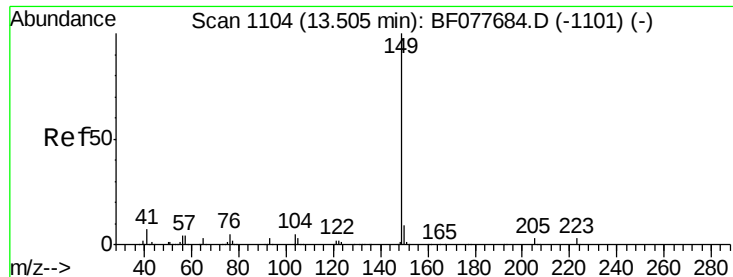
Tgt Ion:178 Resp: 371532
 Ion Ratio Lower Upper
 178 100
 176 18.2 14.6 22.0
 179 14.9 12.6 19.0



#72
 Carbazole
 Concen: 39.87 ng
 RT: 12.96 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:167 Resp: 340629
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.2 25.8
 139 13.3 10.8 16.2





#73

Di-n-butylphthalate

Concen: 42.11 ng

RT: 13.41 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

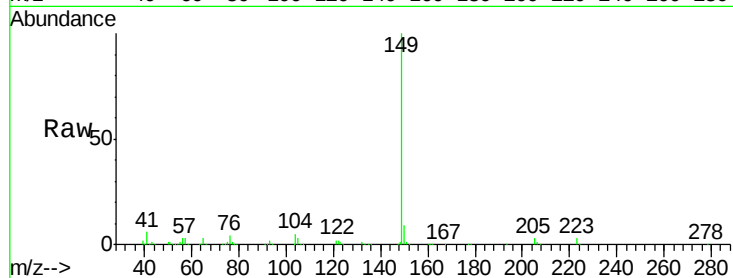
Tgt Ion:149 Resp: 403393

Ion Ratio Lower Upper

149 100

150 9.0 7.5 11.3

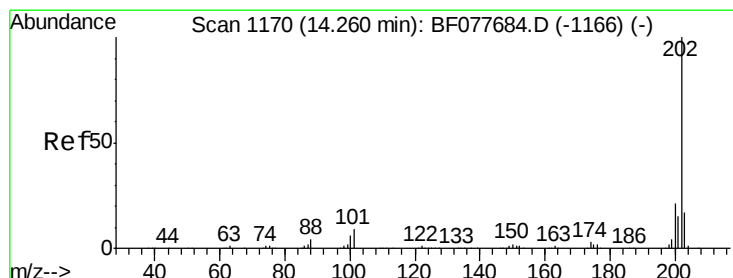
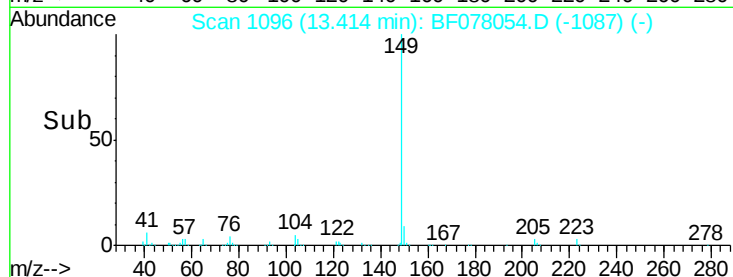
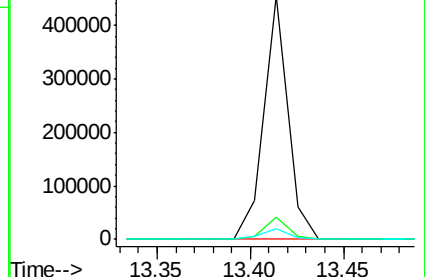
104 4.6 3.7 5.5



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: 40.53 ng

RT: 14.16 min Scan# 1161

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

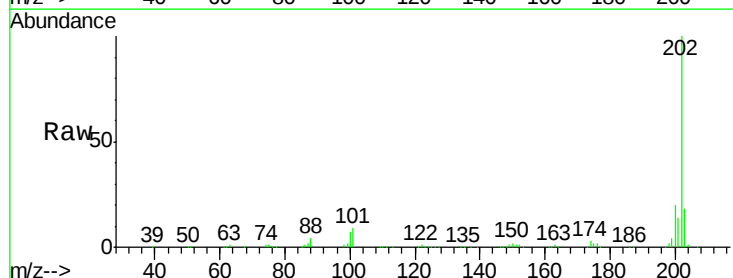
Tgt Ion:202 Resp: 406437

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.7

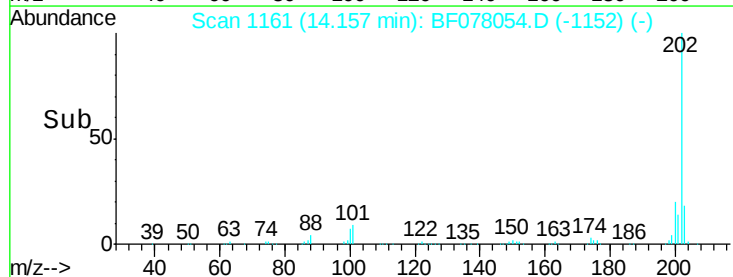
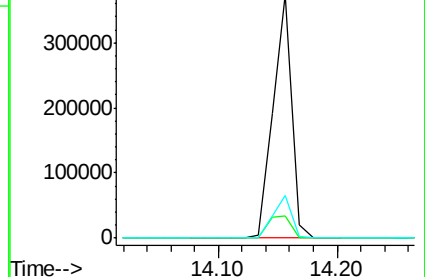
203 17.7 0.0 37.2

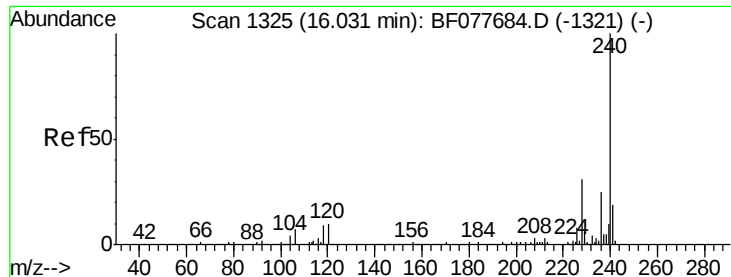


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

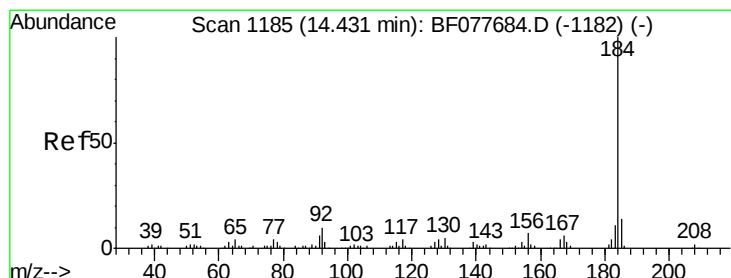
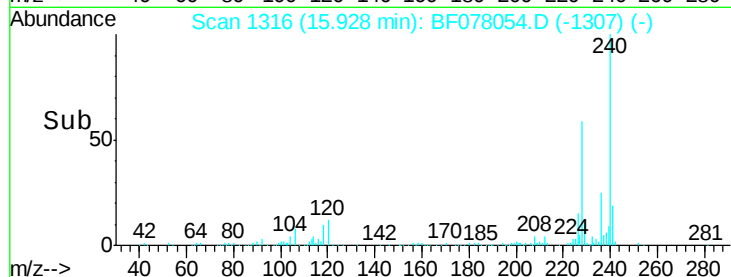
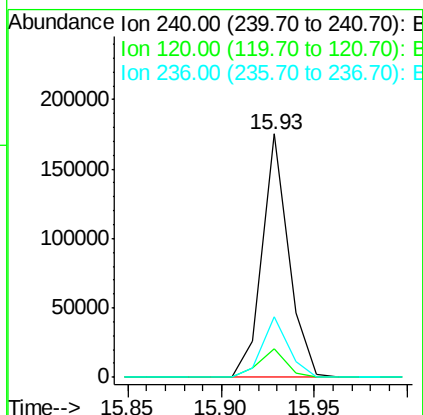
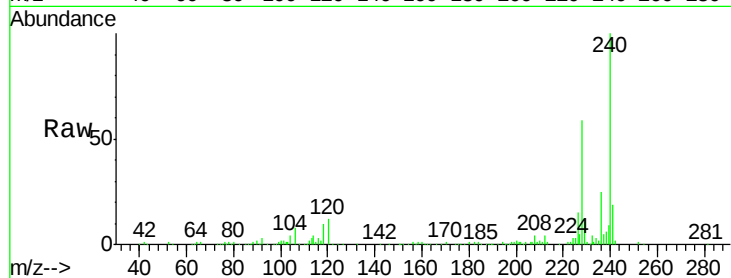




#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.93 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

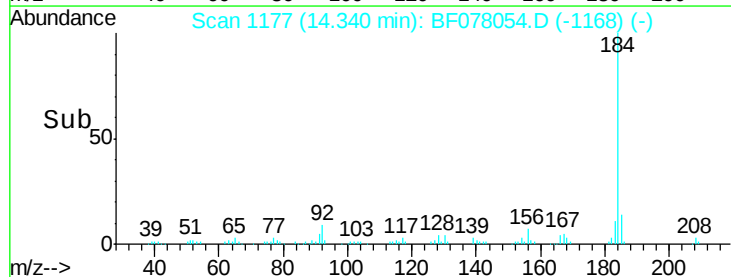
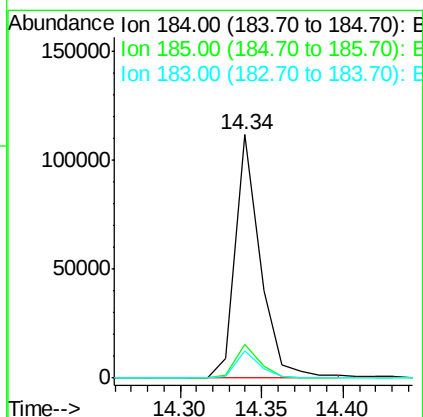
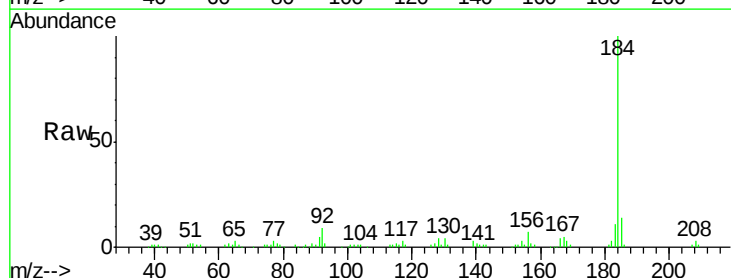
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

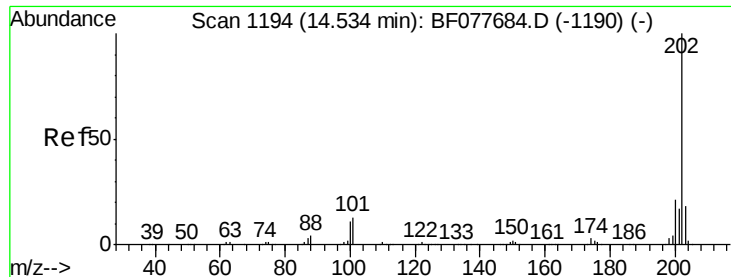
Tgt Ion:240 Resp: 171953
Ion Ratio Lower Upper
240 100
120 11.6 8.2 12.2
236 24.9 20.0 30.0



#76
Benzidine
Concen: 27.70 ng
RT: 14.34 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:184 Resp: 118469
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.1 8.9 13.3

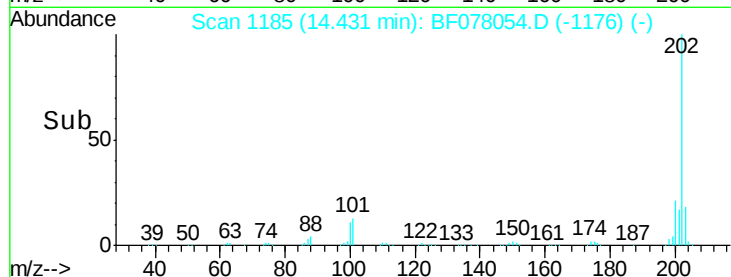
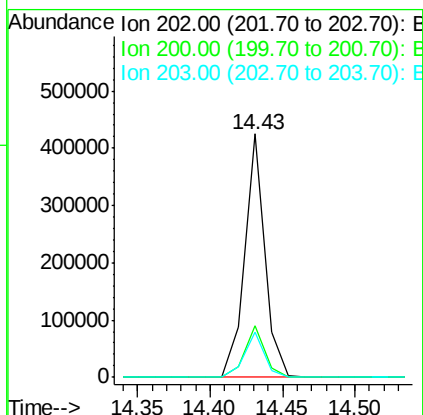
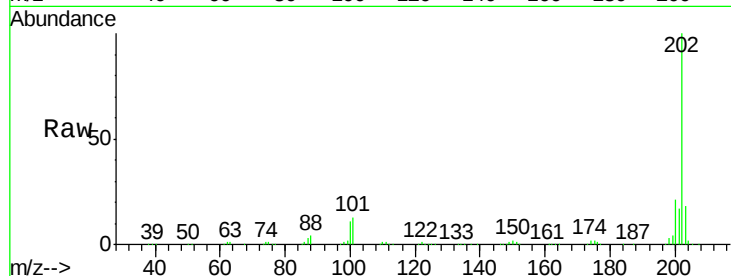




#77
 Pyrene
 Concen: 37.87 ng
 RT: 14.43 min Scan# 1185
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

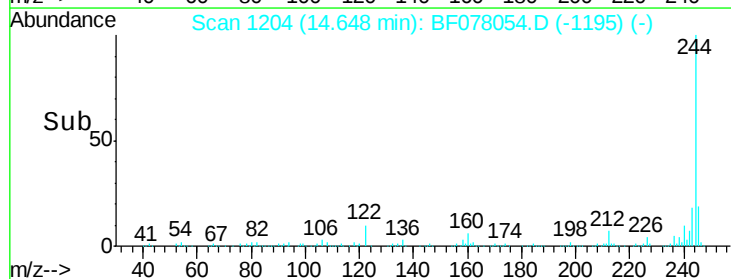
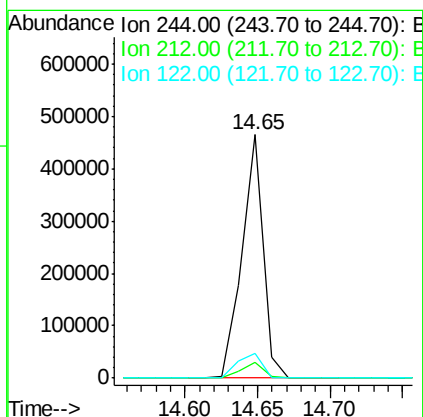
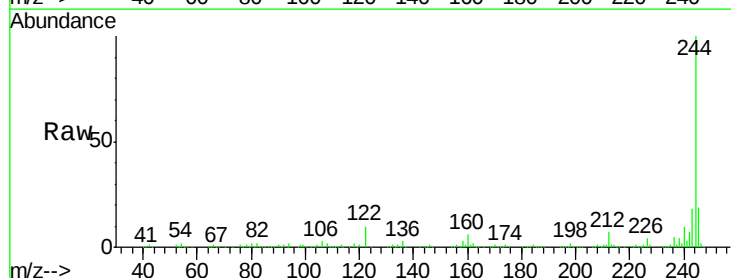
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	18.4	14.1	21.1



#78
 Terphenyl-d14
 Concen: 67.05 ng
 RT: 14.65 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	4.9	7.3
122	10.2	6.2	9.4





#79

Butylbenzylphthalate

Concen: 42.28 ng

RT: 15.27 min Scan# 1258

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

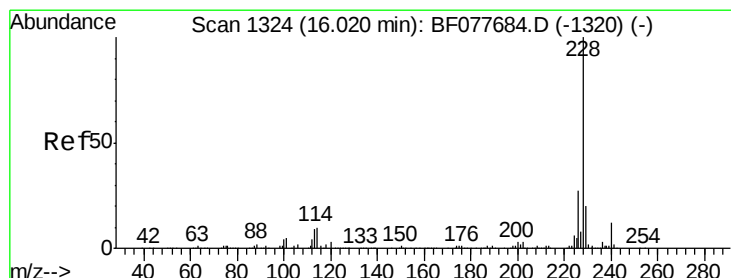
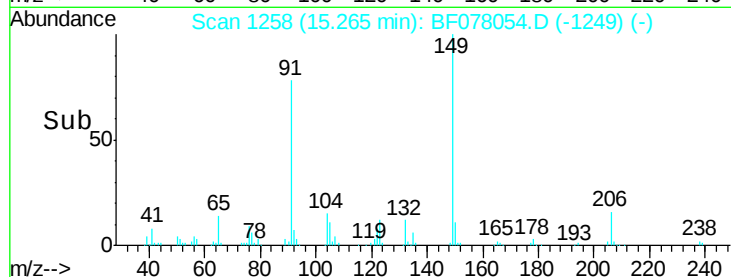
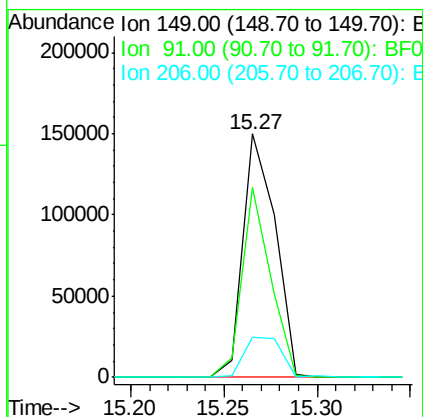
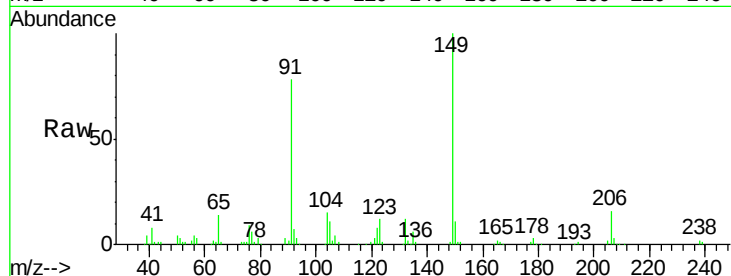
Instrument :

BNA_F

ClientSampleId :

PB82381BSD

Tgt Ion:	149	Resp:	180239
Ion	Ratio	Lower	Upper
149	100		
91	78.1	50.1	75.1#
206	16.5	16.2	24.2



#80

Benzo(a)anthracene

Concen: 37.99 ng

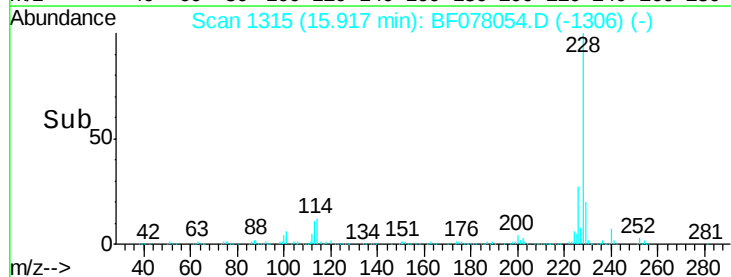
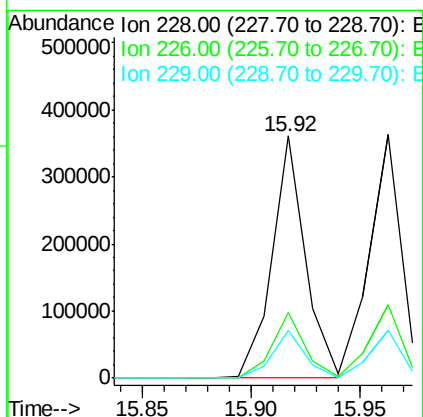
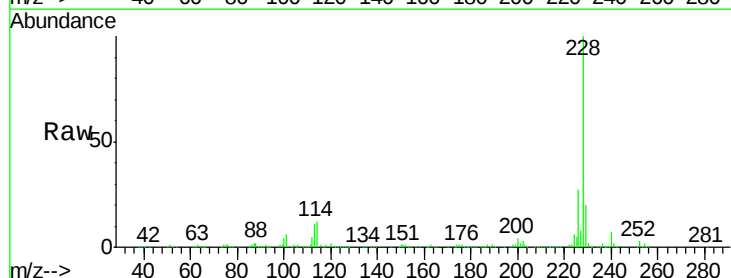
RT: 15.92 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Tgt Ion:	228	Resp:	387283
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	19.9	16.0	24.0

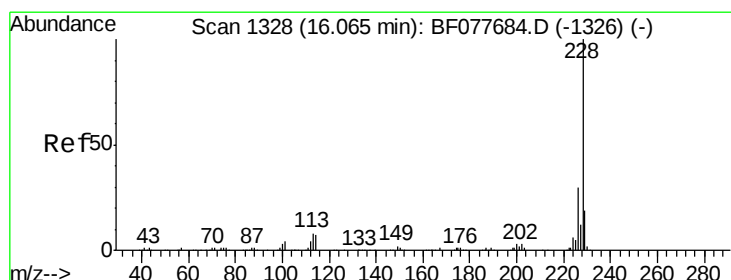
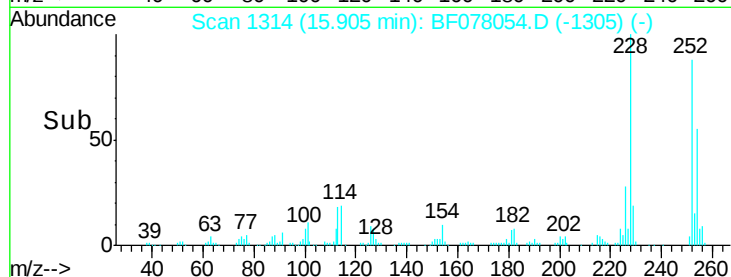
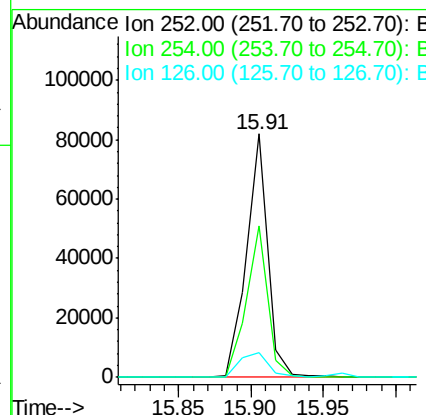
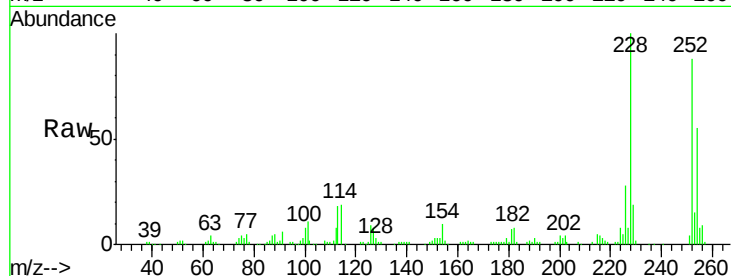




#81
 3,3'-Dichlorobenzidine
 Concen: 24.96 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

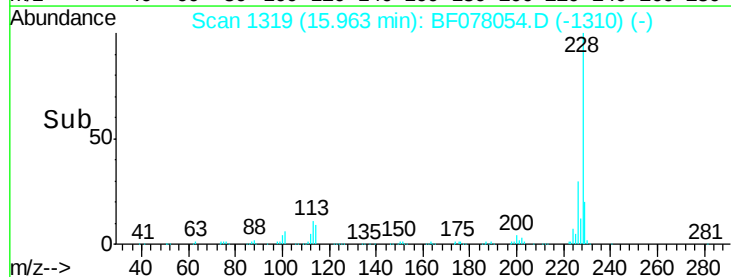
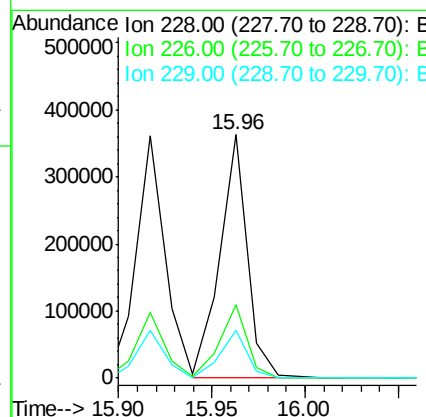
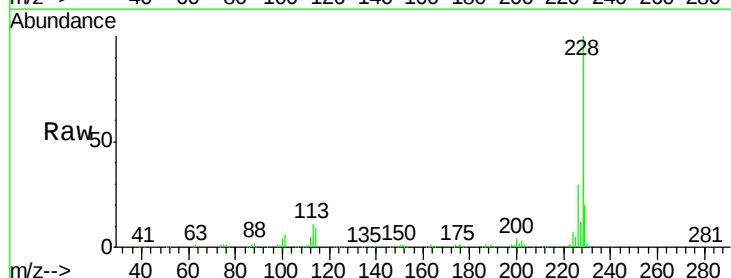
Instrument :
 BNA_F
 ClientSampleId :
 PB82381BSD

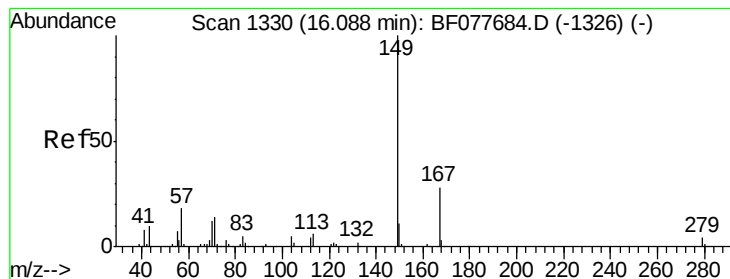
Tgt Ion:252 Resp: 83912
 Ion Ratio Lower Upper
 252 100
 254 62.4 51.9 77.9
 126 10.1 9.8 14.8



#82
 Chrysene
 Concen: 40.40 ng
 RT: 15.96 min Scan# 1319
 Delta R.T. -0.00 min
 Lab File: BF078054.D
 Acq: 27 Mar 2015 23:35

Tgt Ion:228 Resp: 370253
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 19.6 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.33 ng

RT: 15.99 min Scan# 1321

Delta R.T. -0.00 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD

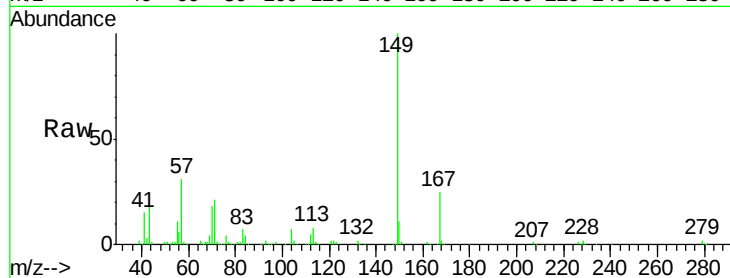
Tgt Ion:149 Resp: 273363

Ion Ratio Lower Upper

149 100

167 25.3 22.4 33.6

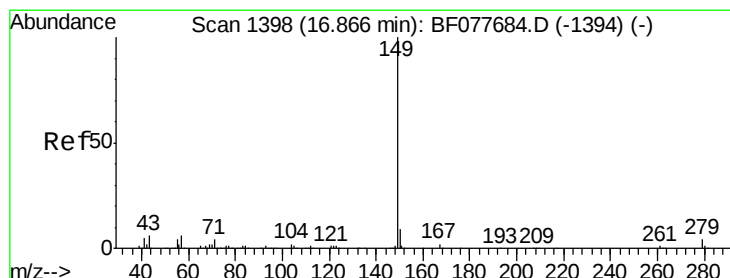
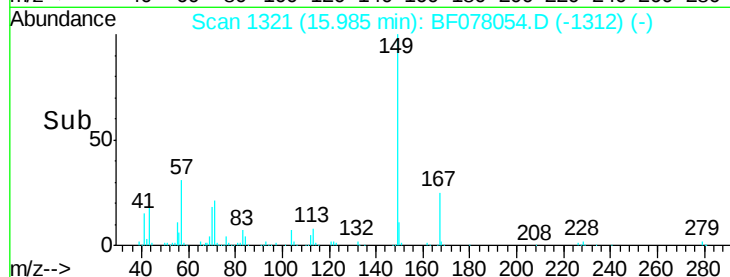
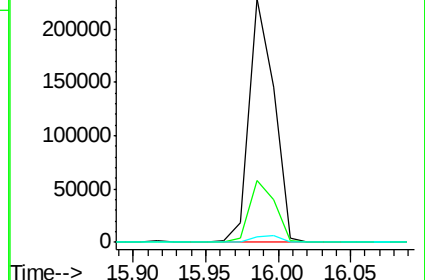
279 2.5 3.4 5.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 42.83 ng

RT: 16.77 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

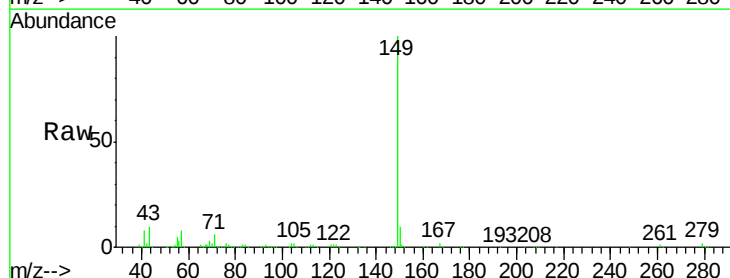
Tgt Ion:149 Resp: 472914

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

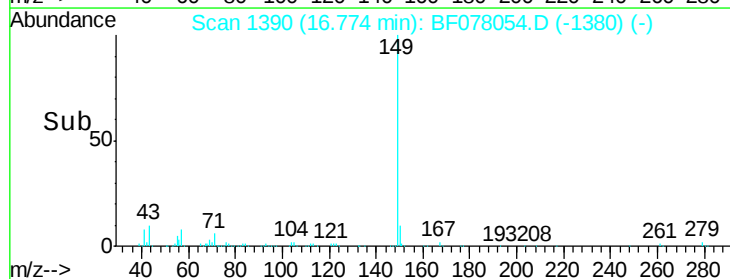
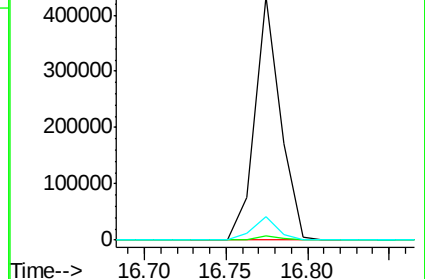
43 9.1 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 38.74 ng

RT: 18.98 min Scan# 1583

Delta R.T. 0.02 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleID :

PB82381BSD

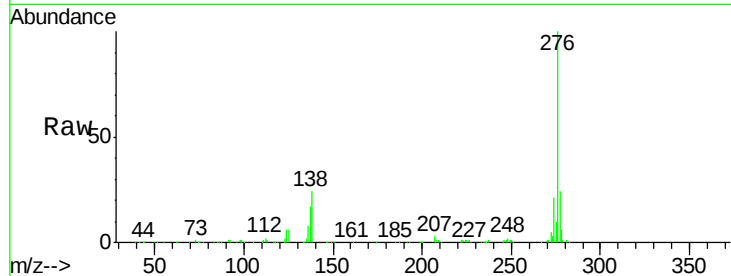
Tgt Ion:276 Resp: 443211

Ion Ratio Lower Upper

276 100

138 28.8 0.0 0.0#

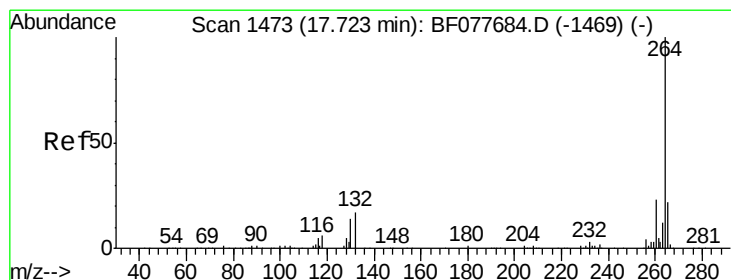
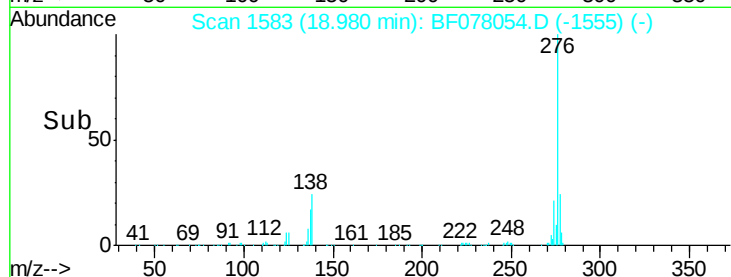
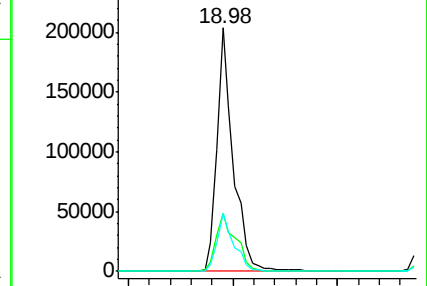
277 24.7 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 17.64 min Scan# 1466

Delta R.T. 0.02 min

Lab File: BF078054.D

Acq: 27 Mar 2015 23:35

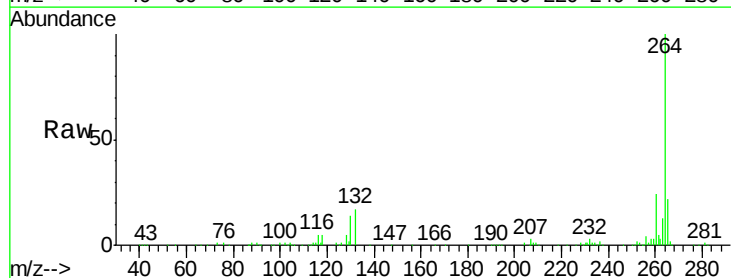
Tgt Ion:264 Resp: 166047

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

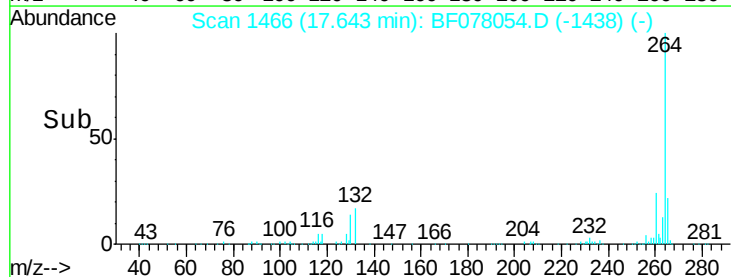
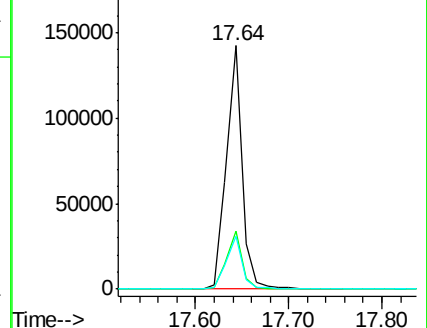
265 21.7 17.3 25.9

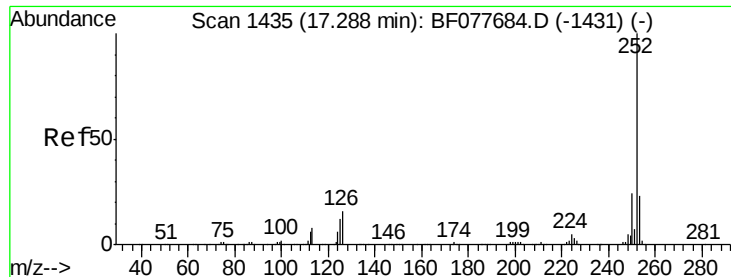


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

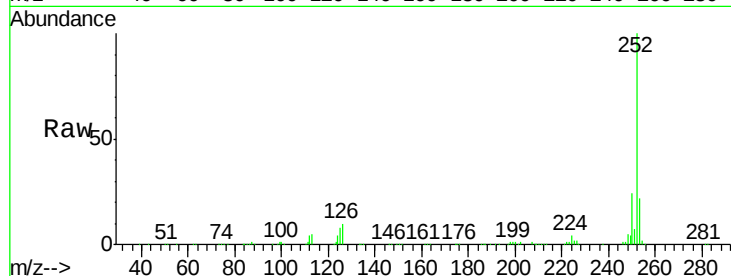




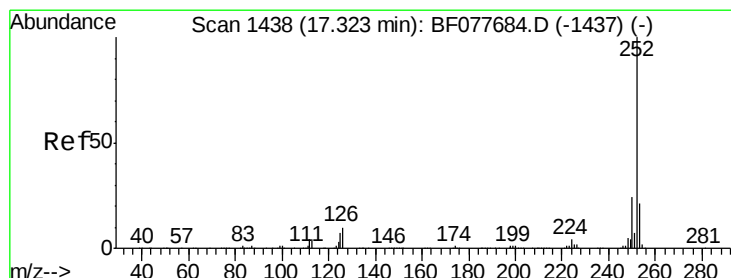
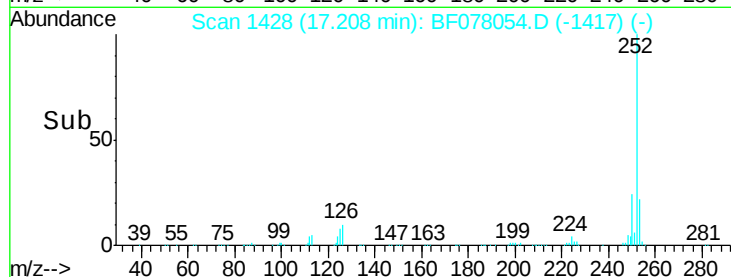
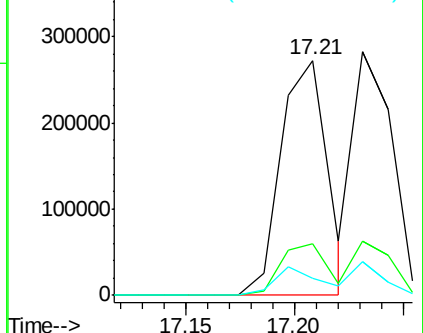
#87
Benzo(b)fluoranthene
Concen: 37.46 ng
RT: 17.21 min Scan# 1428
Delta R.T. 0.02 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Instrument :
BNA_F
ClientSampleId :
PB82381BSD

Tgt Ion:252 Resp: 406079
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 7.5 9.9 14.9#

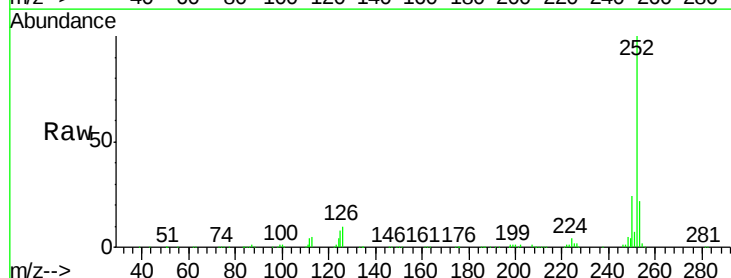


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

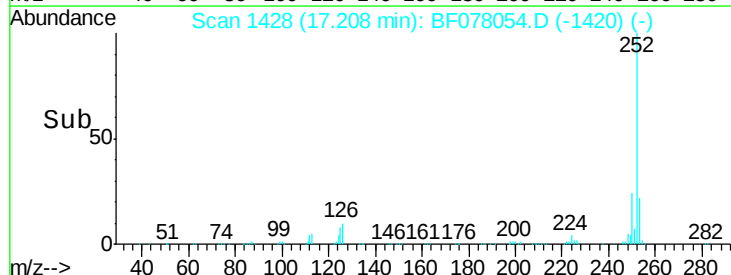
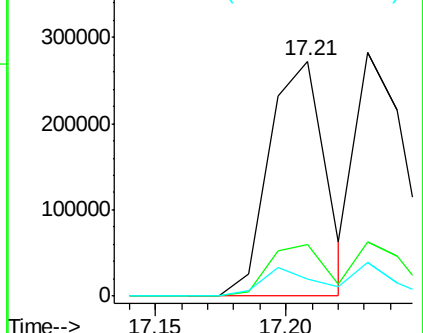


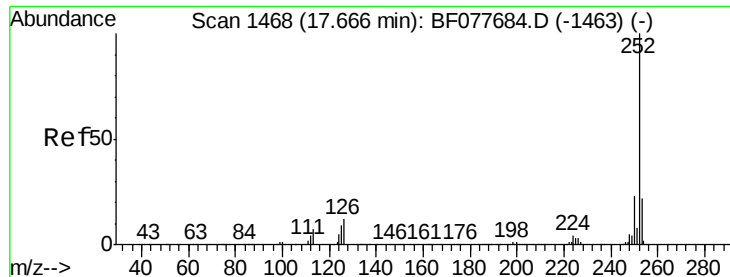
#88
Benzo(k)fluoranthene
Concen: 47.96 ng
RT: 17.21 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion:252 Resp: 406059
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 7.5 8.1 12.1#



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

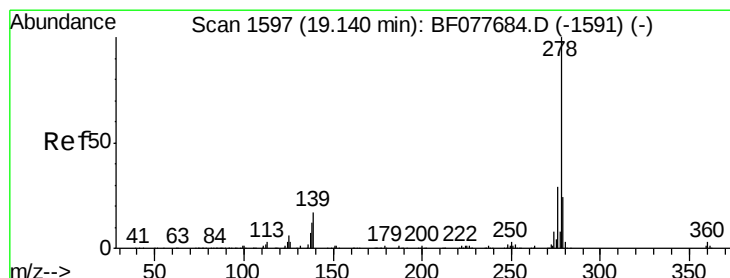
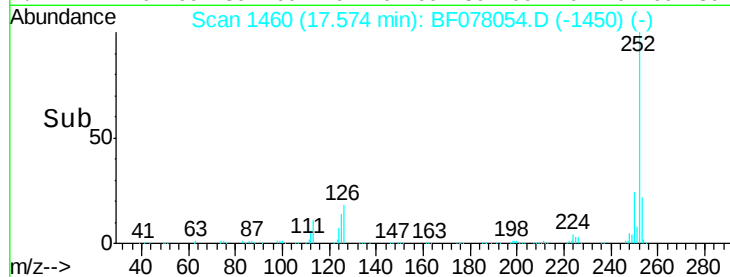
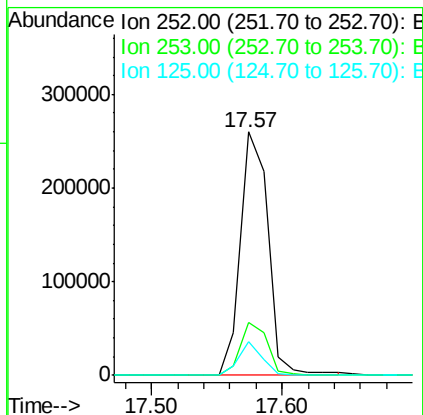
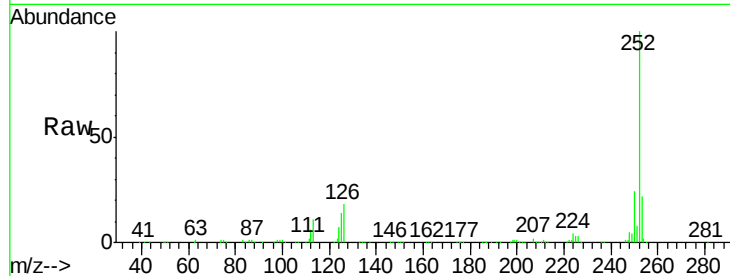




#89
Benzo(a)pyrene
Concen: 42.29 ng
RT: 17.57 min Scan# 1460
Delta R.T. 0.01 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

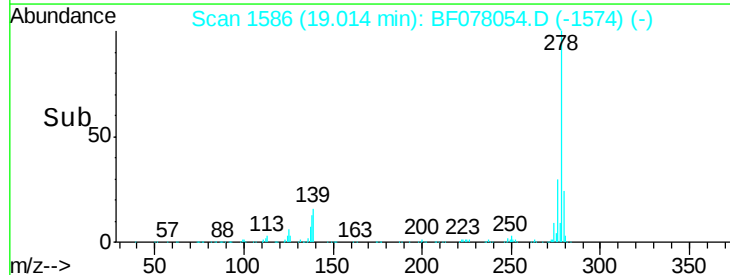
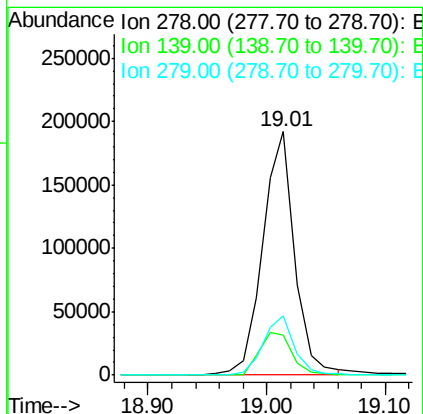
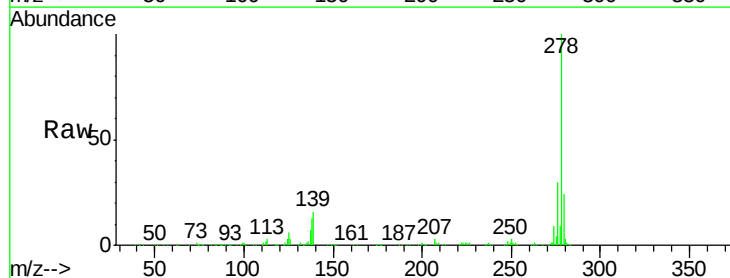
Instrument :
BNA_F
ClientSampleId :
PB82381BSD

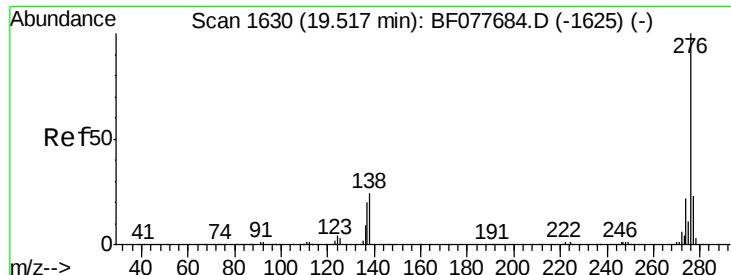
Tgt Ion: 252 Resp: 382477
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 14.0 7.4 11.2#



#90
Dibenzo(a,h)anthracene
Concen: 39.88 ng
RT: 19.01 min Scan# 1586
Delta R.T. 0.03 min
Lab File: BF078054.D
Acq: 27 Mar 2015 23:35

Tgt Ion: 278 Resp: 357767
Ion Ratio Lower Upper
278 100
139 16.3 13.4 20.0
279 24.4 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 39.58 ng

RT: 19.38 min Scan# 1618

Delta R.T. 0.02 min

Lab File: BF078054.D

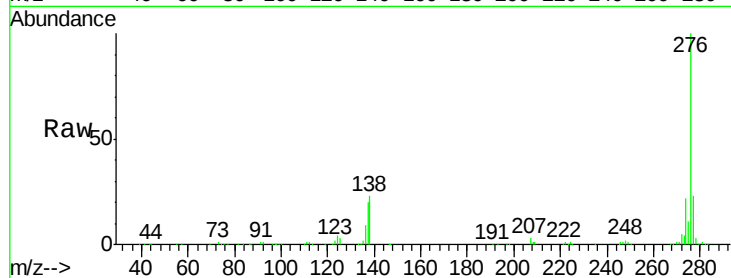
Acq: 27 Mar 2015 23:35

Instrument :

BNA_F

ClientSampleId :

PB82381BSD



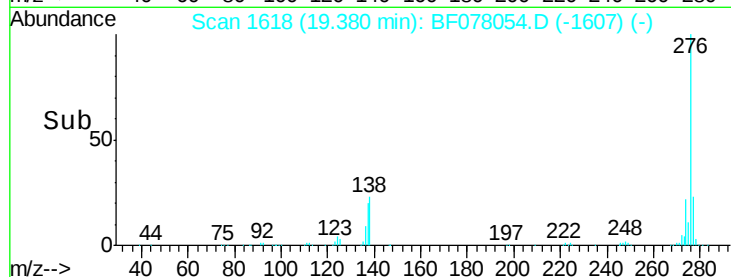
Tgt Ion: 276 Resp: 361472

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 22.9 19.0 28.6



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

