

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040215\
 Data File : BF078202.D
 Acq On : 2 Apr 2015 16:24
 Operator : TP/IZ
 Sample : PB82420BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Quant Time: Apr 03 00:13:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 03 00:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	37448	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	153058	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	77345	20.00	ng	0.00
63) Phenanthrene-d10	12.59	188	146820	20.00	ng	0.00
75) Chrysene-d12	15.86	240	151100	20.00	ng	-0.02
86) Perylene-d12	17.54	264	140959	20.00	ng	-0.13

System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	271959	119.74	ng	0.01
7) Phenol-d6	6.60	99	329347	115.71	ng	0.00
23) Nitrobenzene-d5	7.71	82	191326	75.77	ng	-0.01
41) 2,4,6-Tribromophenol	11.73	330	82505	128.62	ng	-0.01
44) 2-Fluorobiphenyl	9.94	172	421613	77.92	ng	0.00
78) Terphenyl-d14	14.58	244	496132	74.20	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.88	88	27063	26.35	ng	92
3) Pyridine	2.52	79	81169	30.17	ng	97
4) n-Nitrosodimethylamine	2.45	42	34261	33.08	ng	97
6) Aniline	6.60	93	73521	18.21	ng	# 81
8) 2-Chlorophenol	6.75	128	99943	37.21	ng	98
10) Phenol	6.62	94	116928	34.28	ng	98
11) bis(2-Chloroethyl)ether	6.72	93	92451	37.69	ng	99
12) 1,3-Dichlorobenzene	6.93	146	102965	34.90	ng	97
13) 1,4-Dichlorobenzene	7.04	146	106907	36.00	ng	97
14) 1,2-Dichlorobenzene	7.22	146	99794	35.84	ng	98
15) Benzyl Alcohol	7.21	79	74687	37.34	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.39	45	122951	37.58	ng	99
17) 2-Methylphenol	7.37	107	79457	38.11	ng	98
18) Hexachloroethane	7.63	117	35922	35.87	ng	# 73
19) n-Nitroso-di-n-propylamine	7.54	70	65013	34.62	ng	# 86
20) 3+4-Methylphenols	7.56	107	104147	37.44	ng	99
22) Acetophenone	7.53	105	130377	36.56	ng	# 89
24) Nitrobenzene	7.73	77	93360	35.37	ng	# 80
25) Isophorone	8.04	82	175785	36.68	ng	99
26) 2-Nitrophenol	8.13	139	49201	39.11	ng	98
27) 2,4-Dimethylphenol	8.21	122	87343	37.34	ng	100
28) bis(2-Chloroethoxy)methane	8.33	93	116899	38.04	ng	99
29) 2,4-Dichlorophenol	8.44	162	80845	37.99	ng	97
30) 1,2,4-Trichlorobenzene	8.53	180	83996	34.42	ng	98
31) Naphthalene	8.62	128	284070	35.66	ng	99
32) Benzoic acid	8.34	122	34076	33.03	ng	95
33) 4-Chloroaniline	8.70	127	66316	20.06	ng	99
34) Hexachlorobutadiene	8.77	225	47262	35.28	ng	96
35) Caprolactam	9.13	113	23379	36.80	ng	95
36) 4-Chloro-3-methylphenol	9.32	107	83588	38.93	ng	99
37) 2-Methylnaphthalene	9.48	142	203035	37.54	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	83161	34.70	ng	97
40) Hexachlorocyclopentadiene	9.66	237	77675	75.69	ng	97
42) 2,4,6-Trichlorophenol	9.84	196	56596	37.45	ng	100

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 ALS Vial : 7 Sample Multiplier: 1

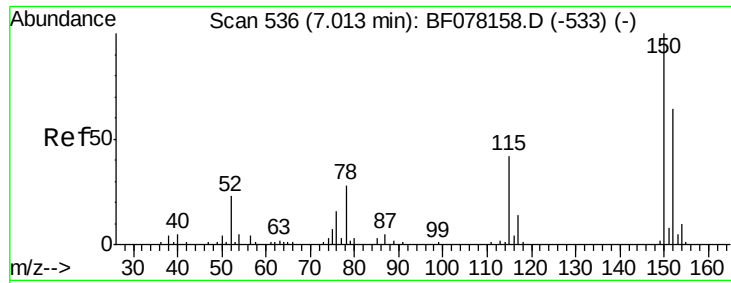
Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Apr 03 00:13:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.89	196	57968	36.71	ng	# 83
45) 1,1'-Biphenyl	10.07	154	233544	36.91	ng	100
46) 2-Chloronaphthalene	10.08	162	185136	37.19	ng	99
47) 2-Nitroaniline	10.21	65	48543	39.42	ng	87
48) Acenaphthylene	10.58	152	290284	36.11	ng	98
49) Dimethylphthalate	10.45	163	207627	35.73	ng	98
50) 2,6-Dinitrotoluene	10.52	165	45468	38.03	ng	# 47
51) Acenaphthene	10.80	154	166843	36.87	ng	99
52) 3-Nitroaniline	10.73	138	39027	28.71	ng	93
53) 2,4-Dinitrophenol	10.87	184	27685	65.60	ng	93
54) Dibenzofuran	11.01	168	260049	37.62	ng	99
55) 4-Nitrophenol	10.97	139	66774	67.17	ng	99
56) 2,4-Dinitrotoluene	11.03	165	63724	41.16	ng	89
57) Fluorene	11.44	166	218190	38.94	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	48192	41.17	ng	98
59) Diethylphthalate	11.33	149	213208	38.05	ng	99
60) 4-Chlorophenyl-phenylether	11.45	204	96289	37.36	ng	# 77
61) 4-Nitroaniline	11.48	138	50867	37.02	ng	92
62) Azobenzene	11.64	77	200542	39.22	ng	96
64) 4,6-Dinitro-2-methylphenol	11.52	198	22211	33.60	ng	85
65) n-Nitrosodiphenylamine	11.60	169	177217	34.89	ng	100
66) 4-Bromophenyl-phenylether	12.05	248	58927	37.90	ng	93
67) Hexachlorobenzene	12.11	284	61877	36.32	ng	# 90
68) Atrazine	12.28	200	57703	39.23	ng	98
69) Pentachlorophenol	12.36	266	51939	69.83	ng	99
70) Phenanthrene	12.63	178	311268	36.65	ng	100
71) Anthracene	12.68	178	312564	37.35	ng	99
72) Carbazole	12.90	167	295568	37.69	ng	99
73) Di-n-butylphthalate	13.36	149	334490	37.65	ng	99
74) Fluoranthene	14.09	202	334588	37.36	ng	95
76) Benzidine	14.28	184	145227	24.96	ng	99
77) Pyrene	14.36	202	345724	36.45	ng	98
79) Butylbenzylphthalate	15.21	149	147496	40.80	ng	85
80) Benzo(a)anthracene	15.85	228	326183	36.28	ng	99
81) 3,3'-Dichlorobenzidine	15.84	252	59035	19.61	ng	# 98
82) Chrysene	15.89	228	308368	36.51	ng	99
83) Bis(2-ethylhexyl)phthalate	15.93	149	222455	39.23	ng	99
84) Di-n-octyl phthalate	16.71	149	376166	40.40	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.84	276	346020	36.10	ng	# 86
87) Benzo(b)fluoranthene	17.12	252	325780	37.40	ng	99
88) Benzo(k)fluoranthene	17.12	252	325780	42.08	ng	# 93
89) Benzo(a)pyrene	17.48	252	306757	40.35	ng	100
90) Dibenzo(a,h)anthracene	18.87	278	271858	35.71	ng	99
91) Benzo(g,h,i)perylene	19.22	276	279731	36.65	ng	97

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

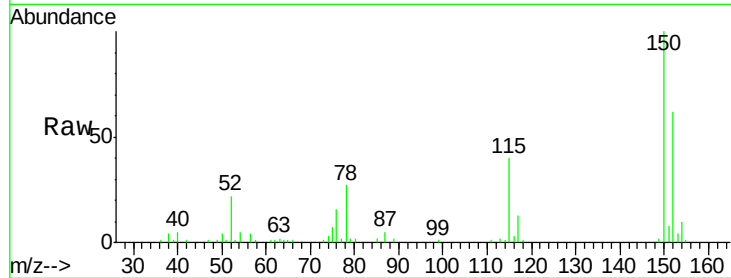


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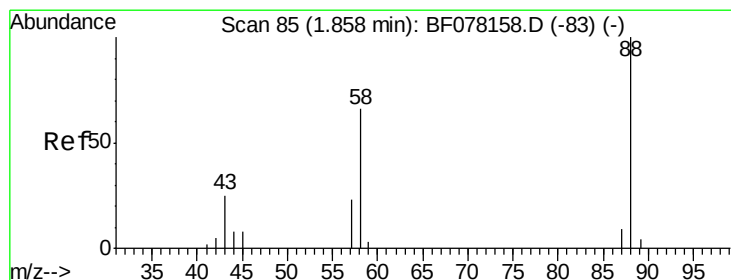
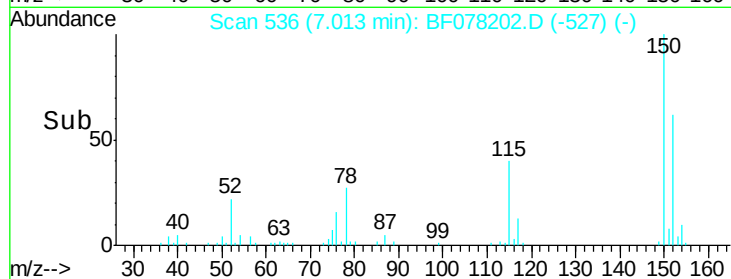
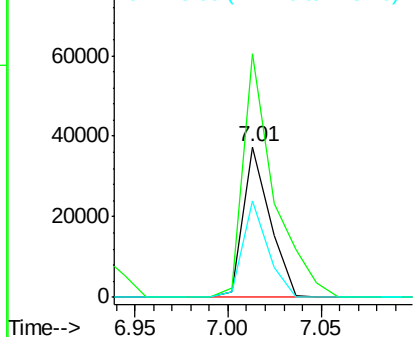
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 536
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:152 Resp: 37448
Ion Ratio Lower Upper
152 100
150 162.2 125.9 188.9
115 64.6 52.7 79.1



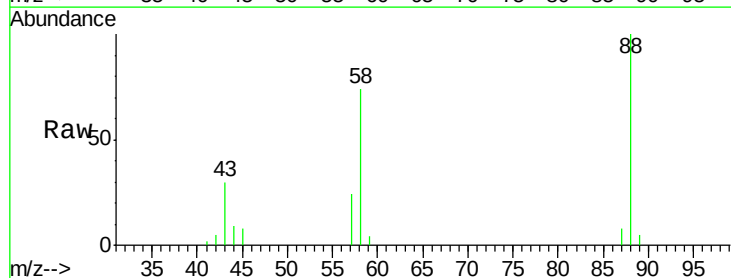
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



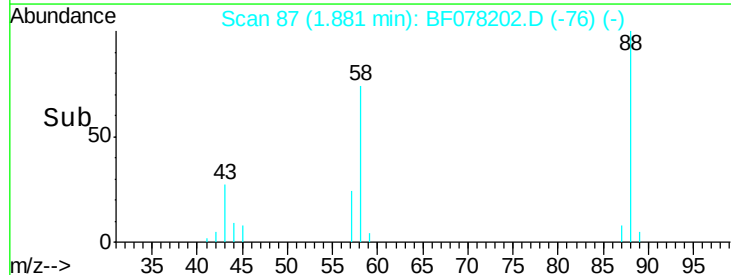
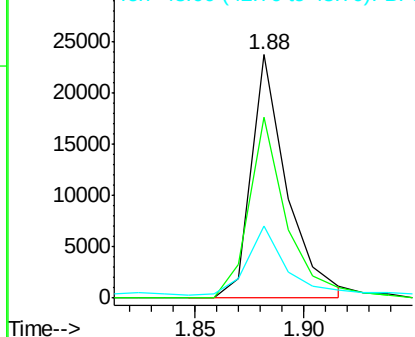
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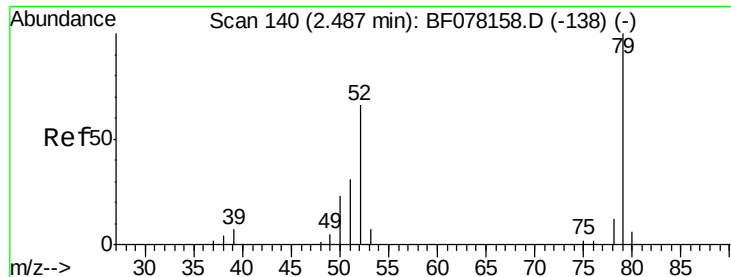
1,4-Dioxane
Concen: 26.35 ng
RT: 1.88 min Scan# 87
Delta R.T. 0.02 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion: 88 Resp: 27063
Ion Ratio Lower Upper
88 100
58 78.0 56.9 85.3
43 30.1 21.4 32.2



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





#3

Pyridine

Concen: 30.17 ng

RT: 2.52 min Scan# 143

Delta R.T. 0.03 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

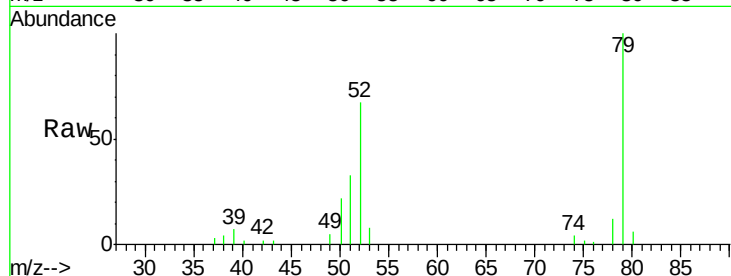
Tgt Ion: 79 Resp: 81169

Ion Ratio Lower Upper

79 100

52 67.1 52.4 78.6

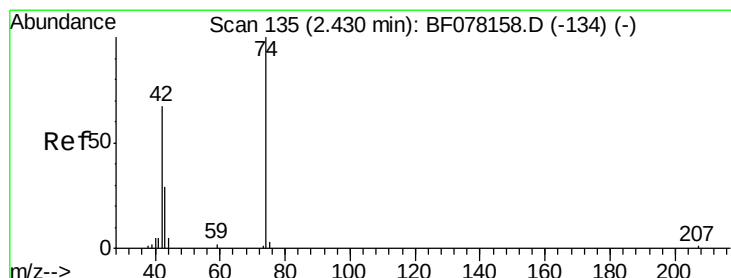
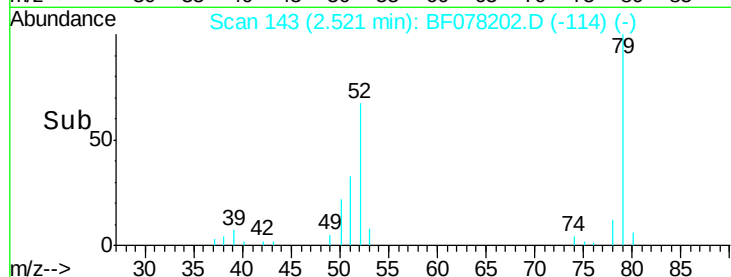
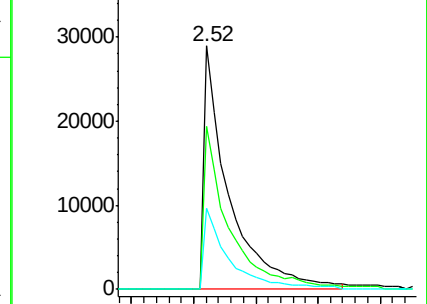
51 33.1 24.9 37.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.08 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.02 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

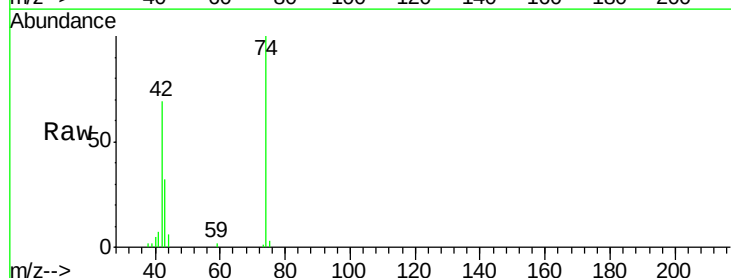
Tgt Ion: 42 Resp: 34261

Ion Ratio Lower Upper

42 100

74 144.2 118.7 178.1

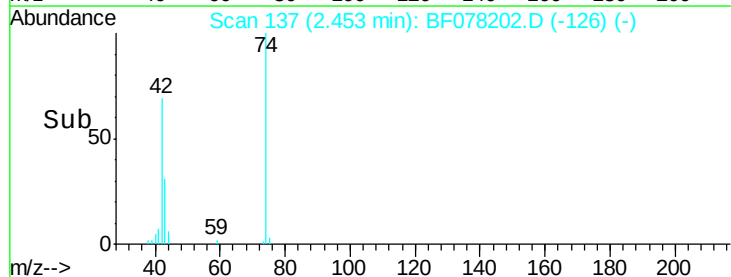
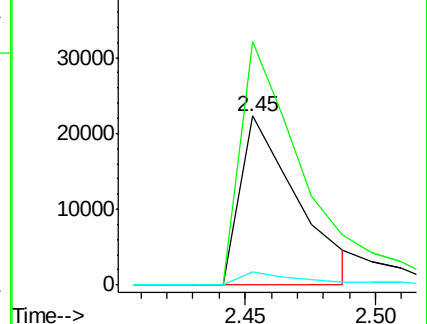
44 8.2 5.9 8.9

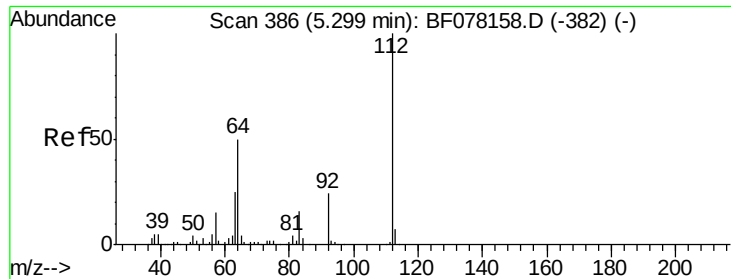


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 119.74 ng

RT: 5.30 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

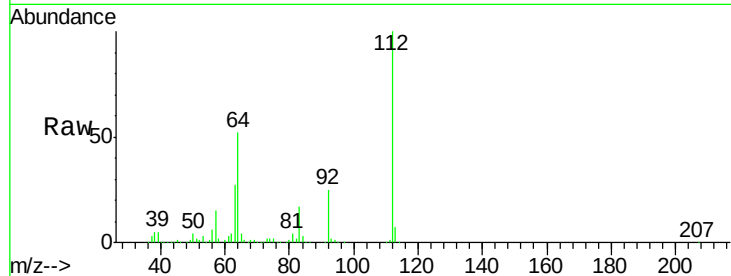
Tgt Ion: 112 Resp: 271959

Ion Ratio Lower Upper

112 100

64 52.3 39.9 59.9

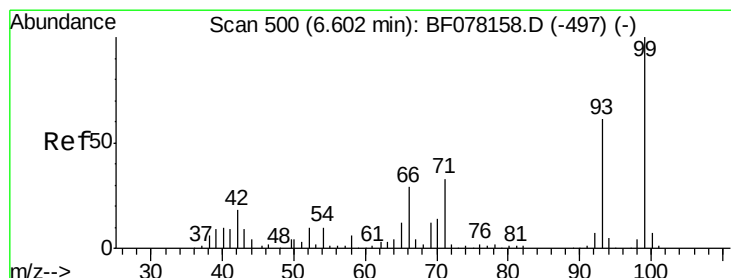
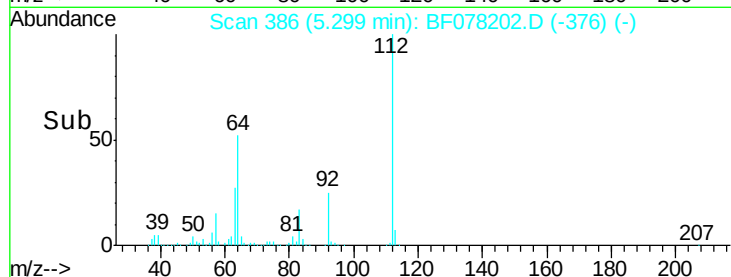
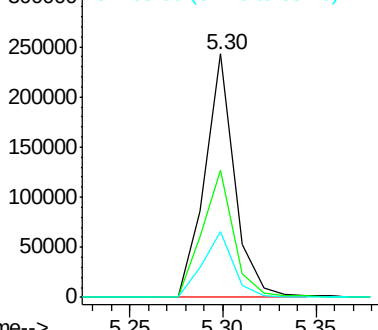
63 27.2 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.21 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

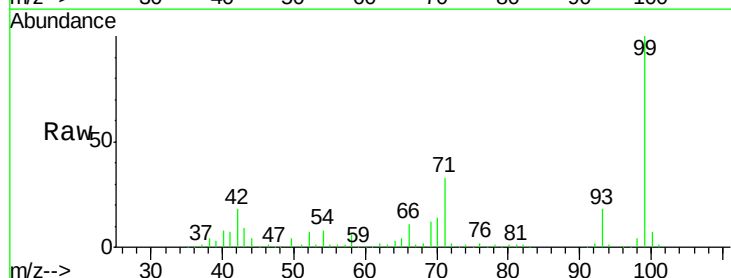
Tgt Ion: 93 Resp: 73521

Ion Ratio Lower Upper

93 100

66 62.8 38.0 57.0#

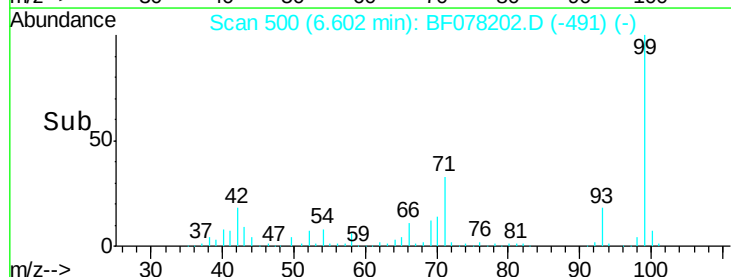
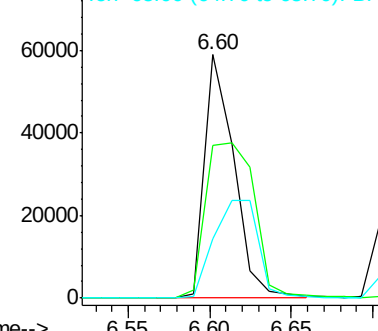
65 24.4 16.3 24.5

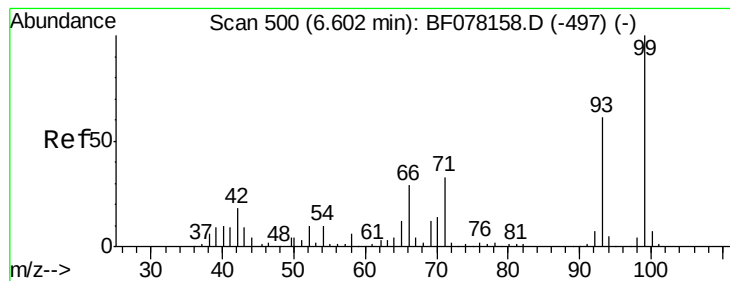


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 115.71 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

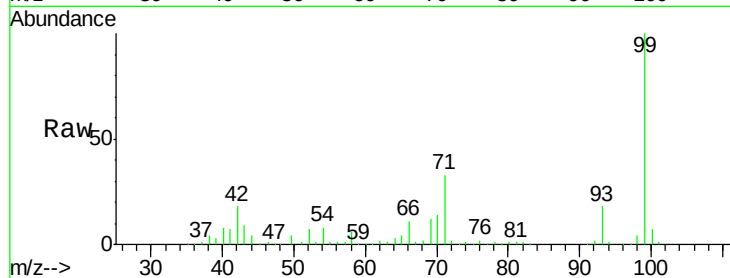
Tgt Ion: 99 Resp: 329347

Ion Ratio Lower Upper

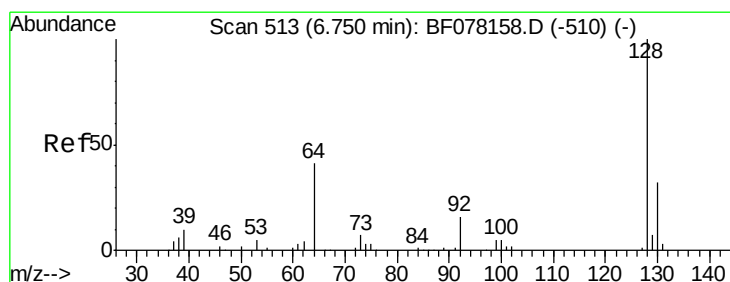
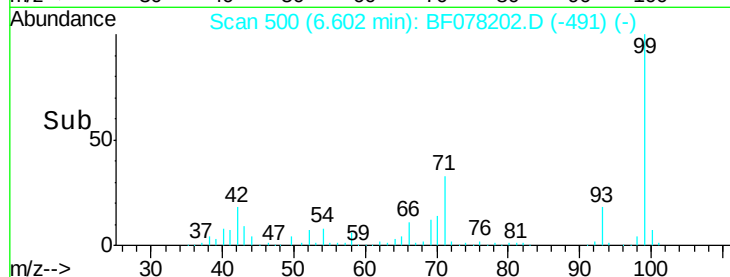
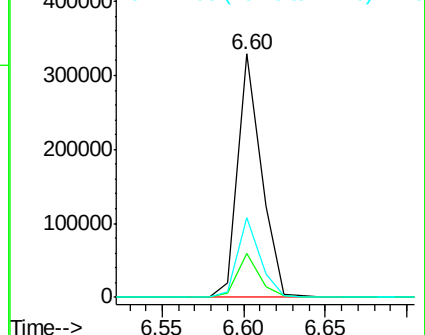
99 100

42 18.0 14.8 22.2

71 32.9 26.6 39.8



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



#8

2-Chlorophenol

Concen: 37.21 ng

RT: 6.75 min Scan# 513

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

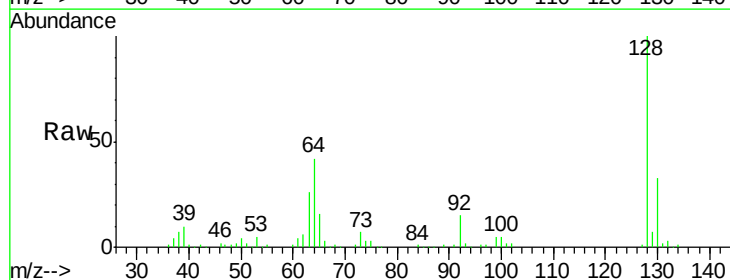
Tgt Ion: 128 Resp: 99943

Ion Ratio Lower Upper

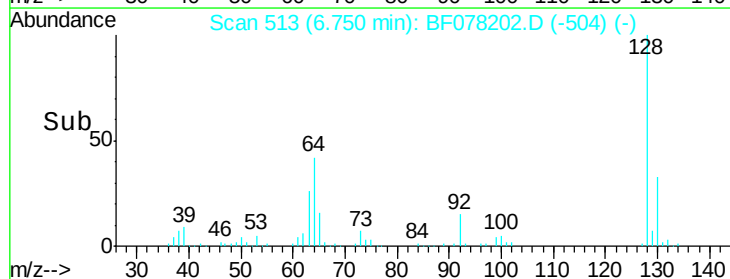
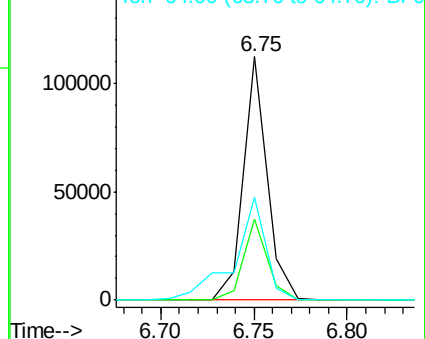
128 100

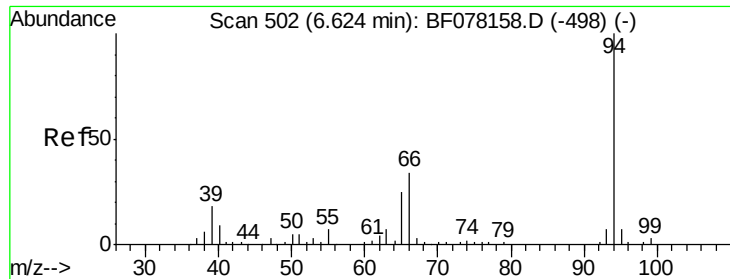
130 33.0 12.3 52.3

64 42.2 23.8 63.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0





#10

Phenol

Concen: 34.28 ng

RT: 6.62 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

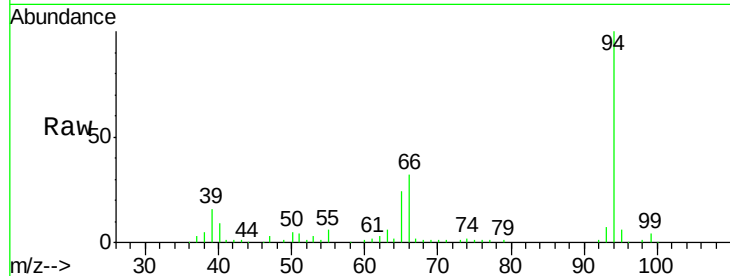
Tgt Ion: 94 Resp: 116928

Ion Ratio Lower Upper

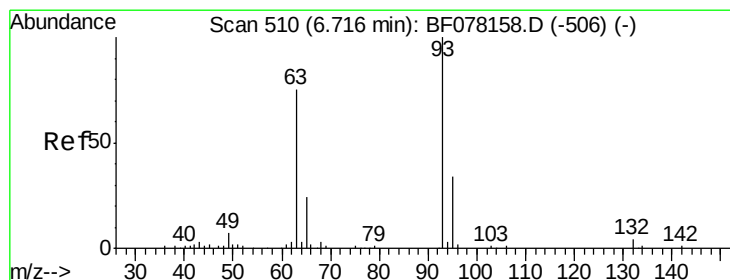
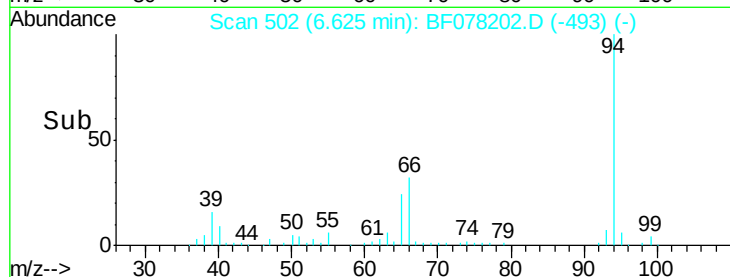
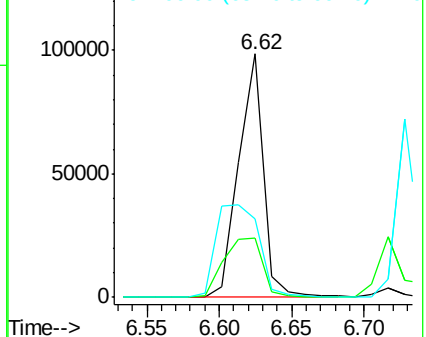
94 100

65 24.2 4.9 44.9

66 32.1 13.8 53.8



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 37.69 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

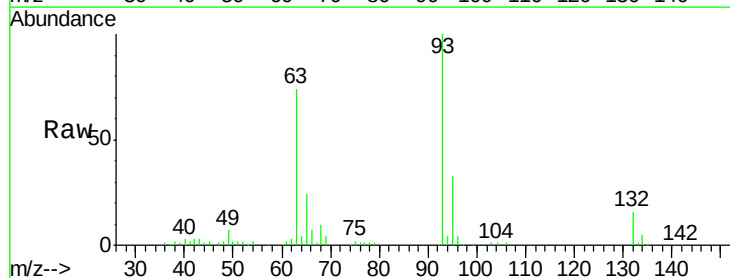
Tgt Ion: 93 Resp: 92451

Ion Ratio Lower Upper

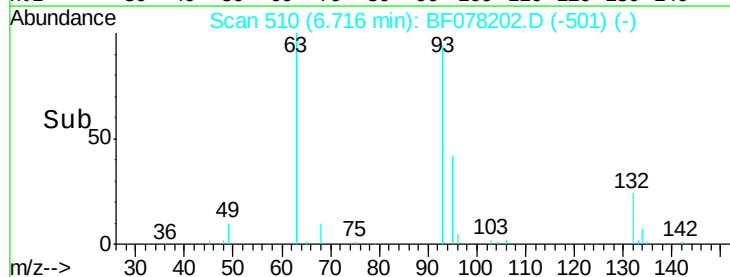
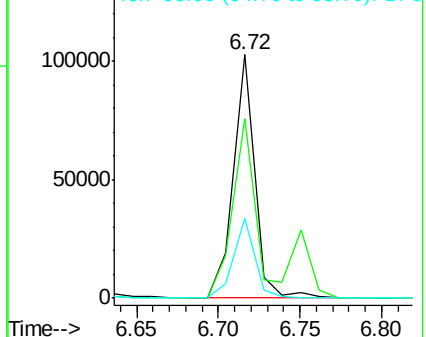
93 100

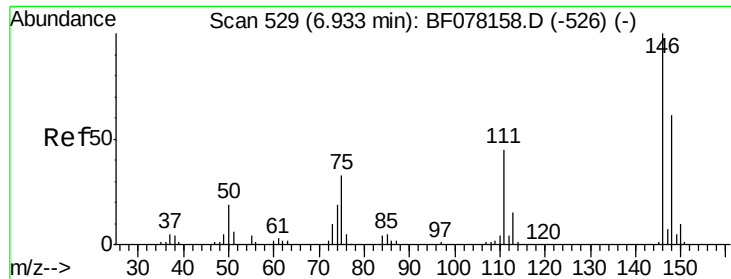
63 73.8 54.6 94.6

95 32.6 13.6 53.6



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

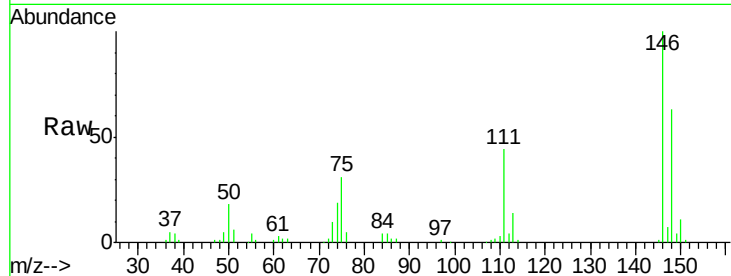




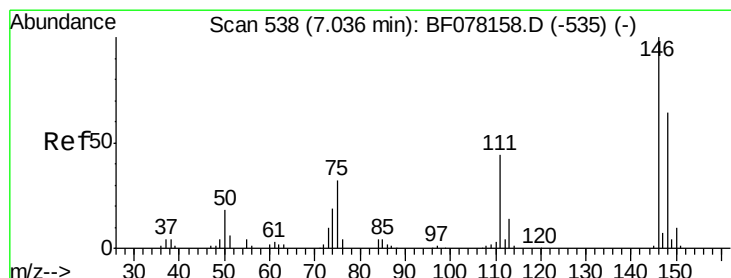
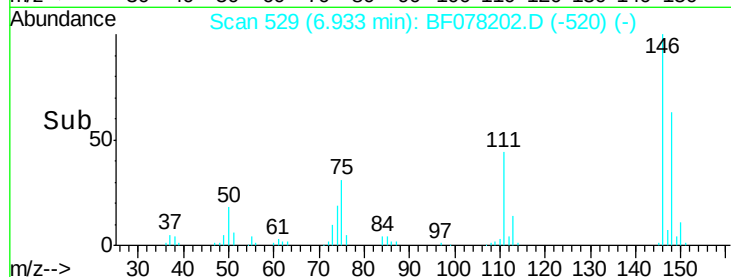
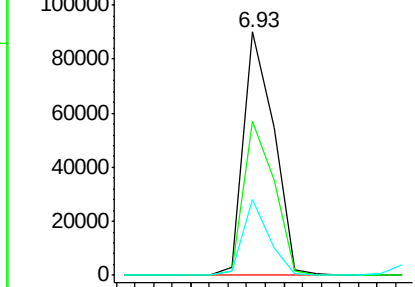
#12
 1,3-Dichlorobenzene
 Concen: 34.90 ng
 RT: 6.93 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	49.1	73.7
75	31.4	26.6	40.0

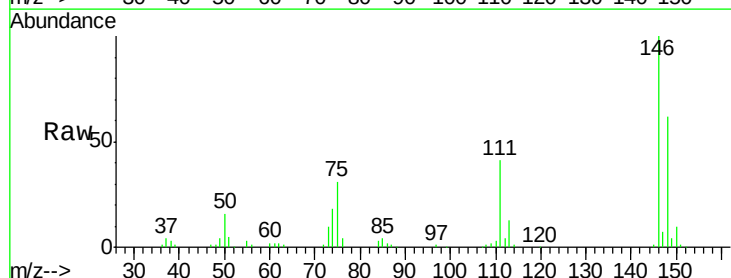


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

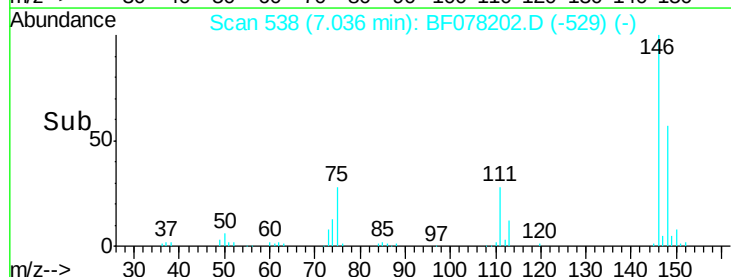
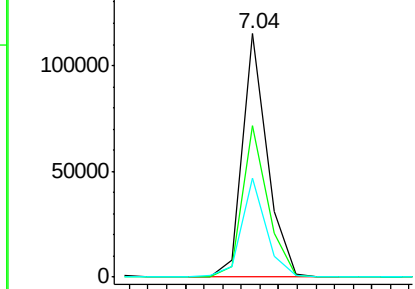


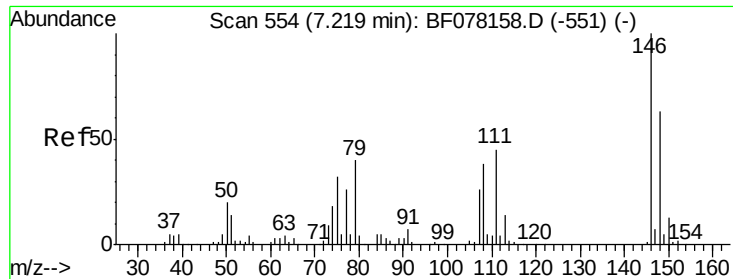
#13
 1,4-Dichlorobenzene
 Concen: 36.00 ng
 RT: 7.04 min Scan# 538
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.1	51.4	77.0
111	40.9	35.0	52.4



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

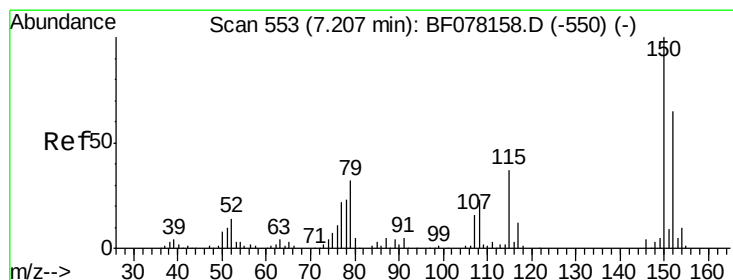
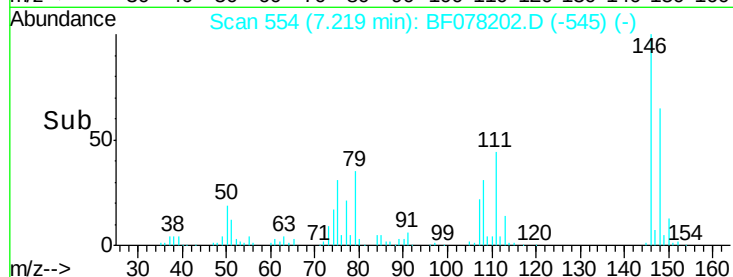
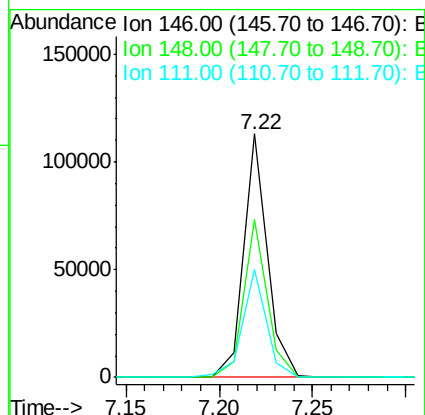
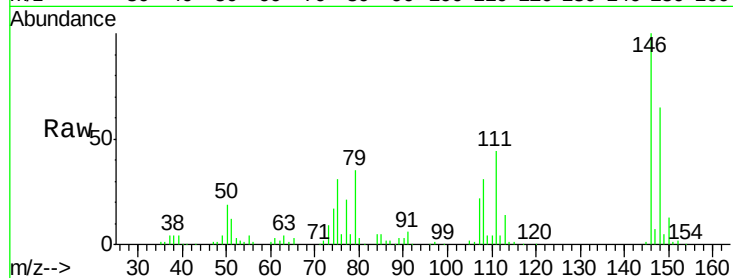




#14
1,2-Dichlorobenzene
Concen: 35.84 ng
RT: 7.22 min Scan# 554
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

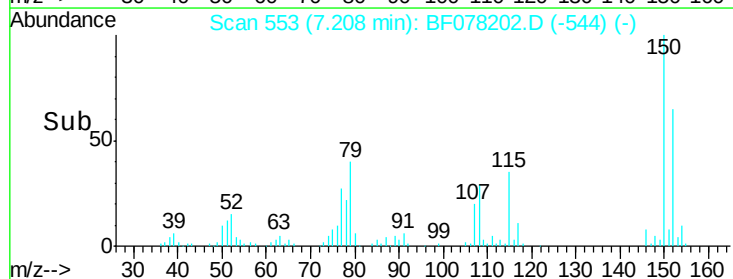
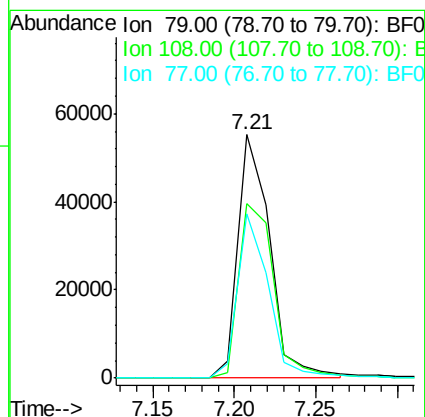
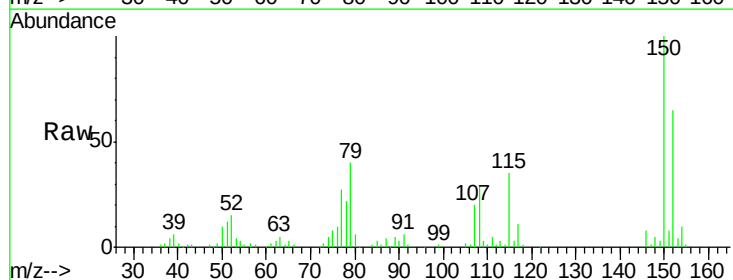
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

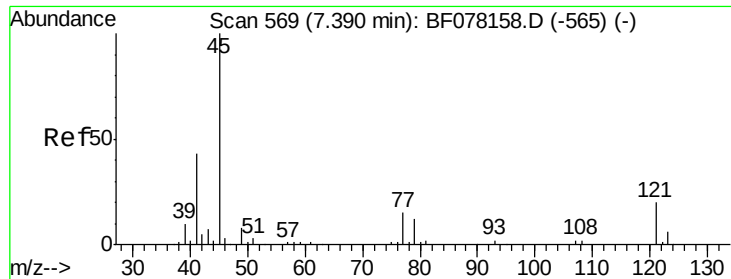
Tgt Ion:146 Resp: 99794
Ion Ratio Lower Upper
146 100
148 65.1 50.2 75.4
111 44.2 36.1 54.1



#15
Benzyl Alcohol
Concen: 37.34 ng
RT: 7.21 min Scan# 553
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion: 79 Resp: 74687
Ion Ratio Lower Upper
79 100
108 71.5 57.6 86.4
77 67.4 53.5 80.3

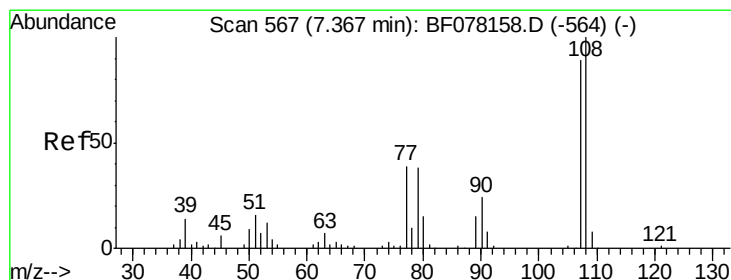
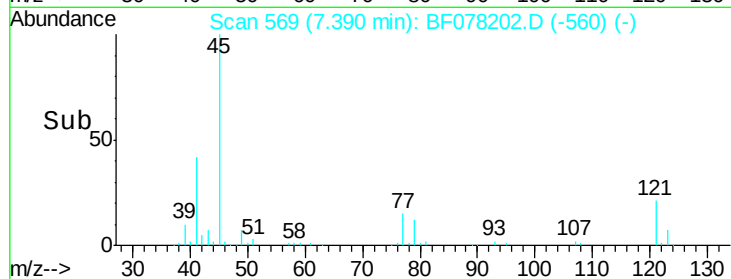
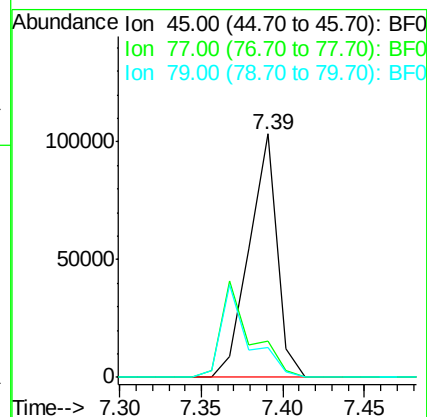
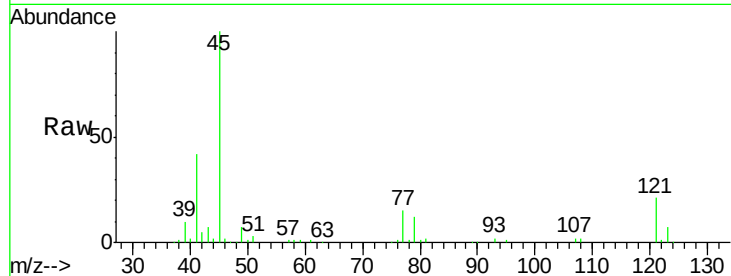




#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.58 ng
RT: 7.39 min Scan# 569
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

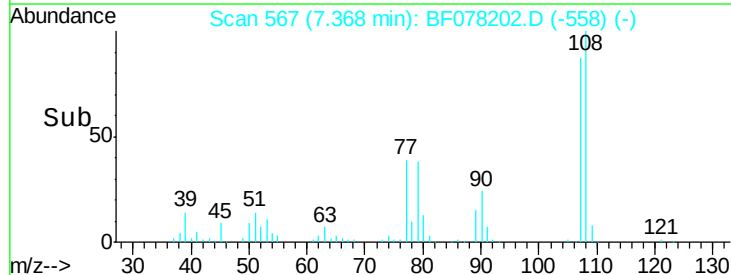
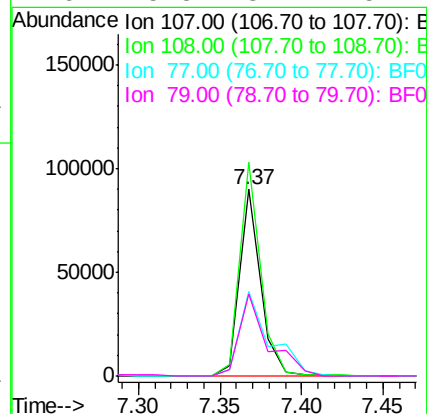
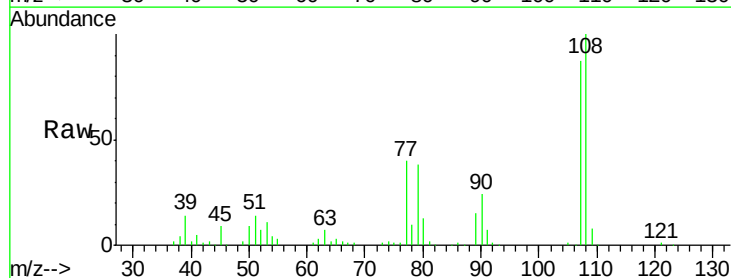
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

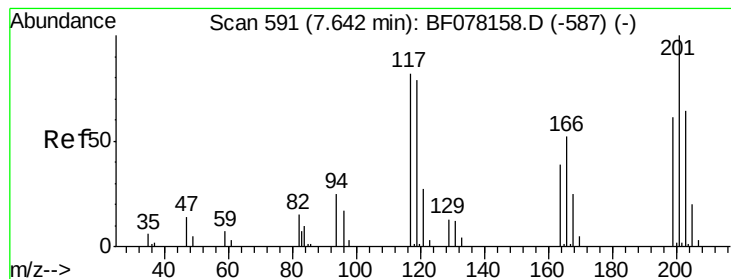
Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.5
79	12.1	0.0	31.9



#17
2-Methylphenol
Concen: 38.11 ng
RT: 7.37 min Scan# 567
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.7	90.3	135.5
77	45.4	35.5	53.3
79	43.8	34.2	51.4





#18

Hexachloroethane

Concen: 35.87 ng

RT: 7.63 min Scan# 590

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

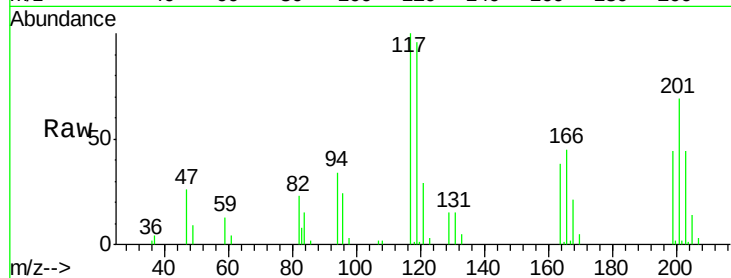
Tgt Ion: 117 Resp: 35922

Ion Ratio Lower Upper

117 100

119 95.6 77.0 115.6

201 69.4 98.1 147.1#

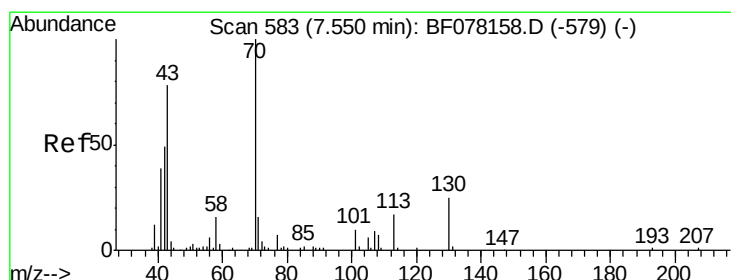
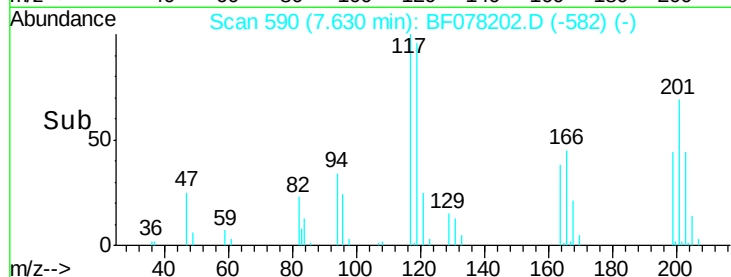
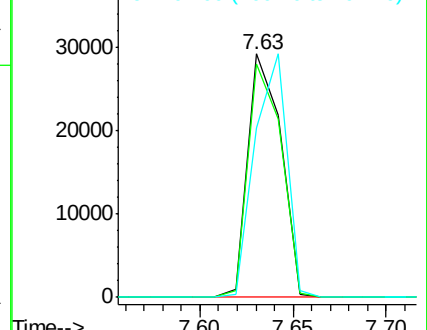


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 34.62 ng

RT: 7.54 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion: 70 Resp: 65013

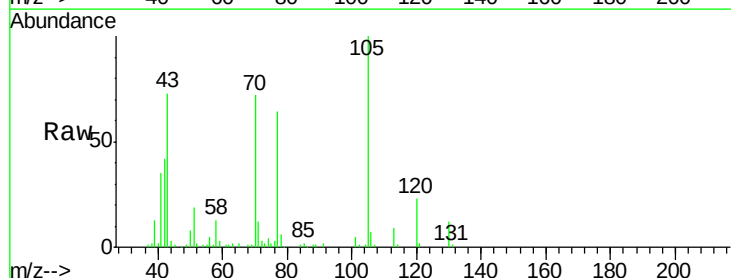
Ion Ratio Lower Upper

70 100

42 58.8 38.9 58.3#

101 7.6 8.3 12.5#

130 17.1 19.8 29.8#



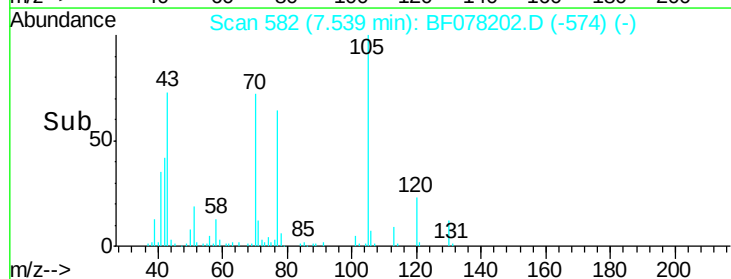
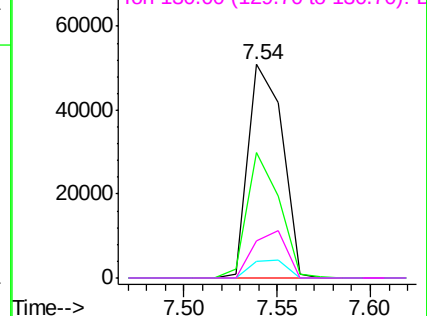
Abundance

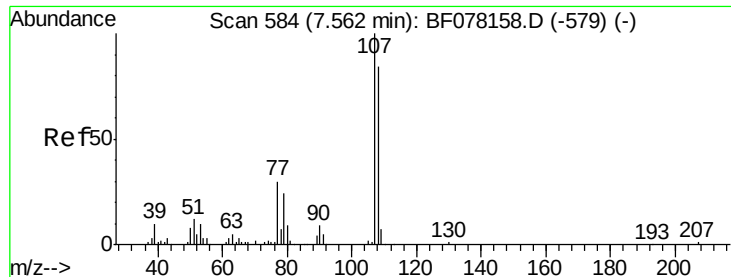
Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 37.44 ng

RT: 7.56 min Scan# 584

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

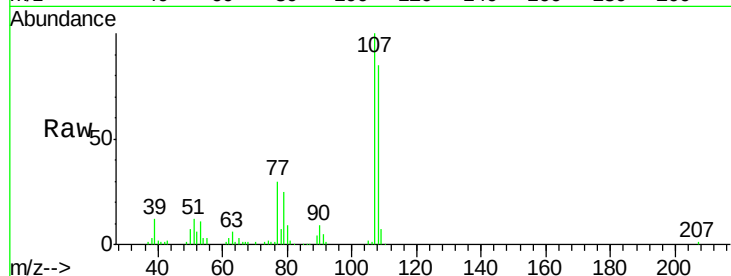
Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion:	107	Resp:	104147
Ion	Ratio	Lower	Upper
107	100		
108	85.2	64.4	104.4
77	29.6	9.7	49.7
79	24.9	4.0	44.0

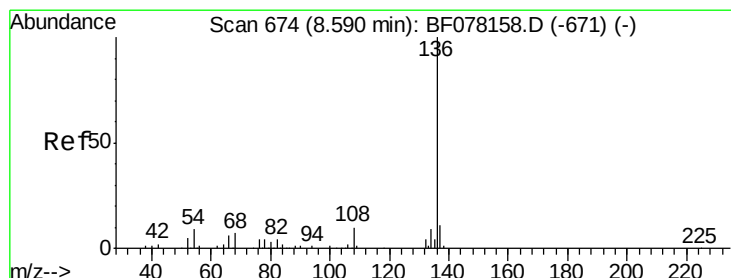
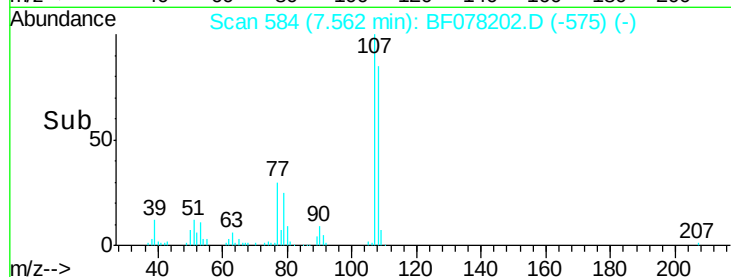
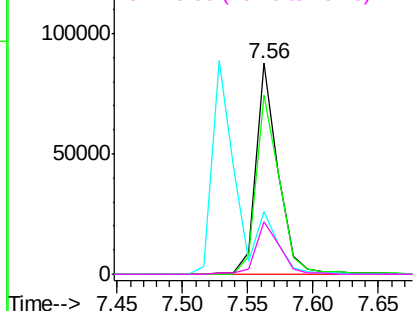


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

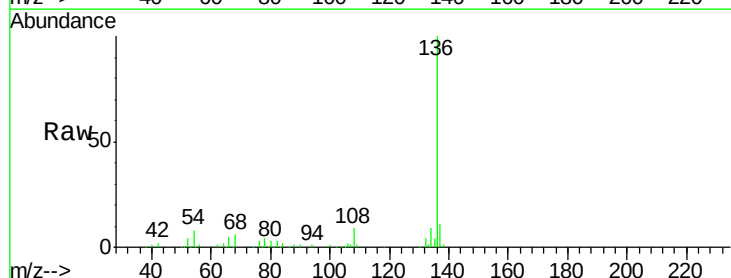
RT: 8.59 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:	136	Resp:	153058
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	7.7	7.0	10.6
68	6.3	5.4	8.2

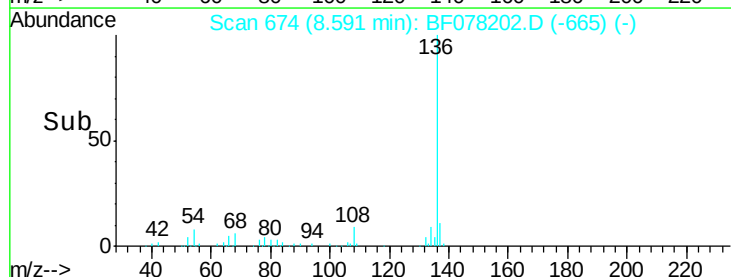
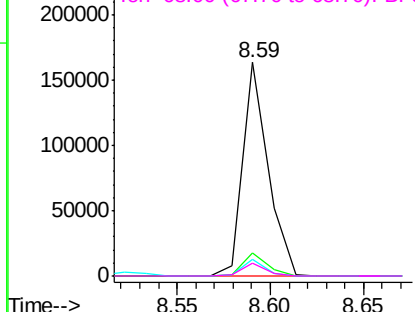


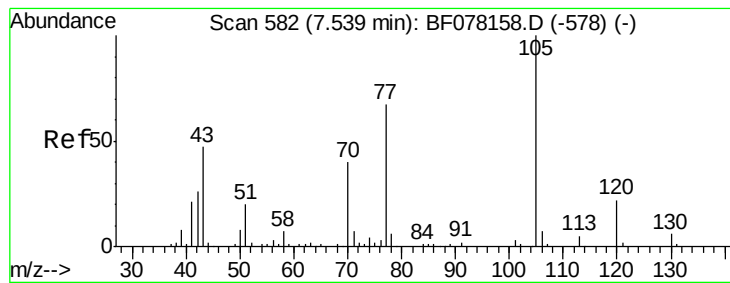
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 36.56 ng

RT: 7.53 min Scan# 581

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion: 105 Resp: 130377

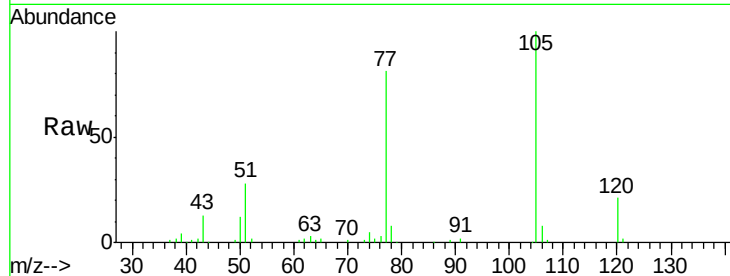
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 28.0 16.0 24.0#

120 20.7 17.8 26.6

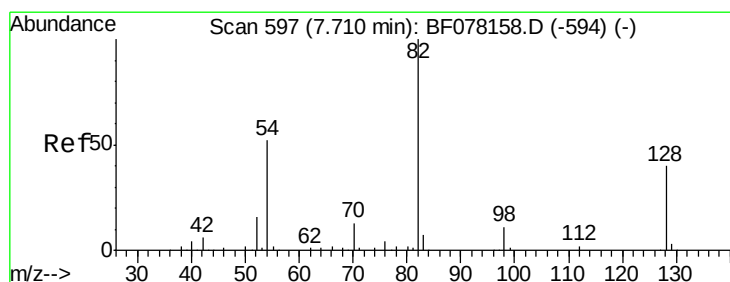
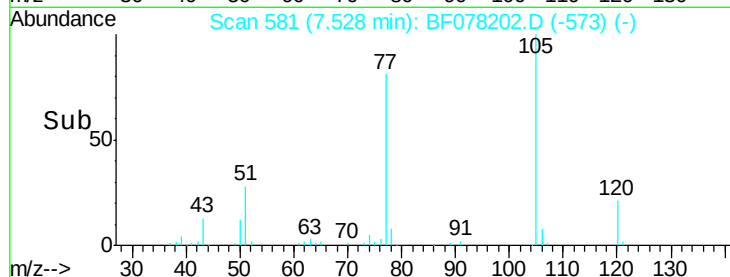
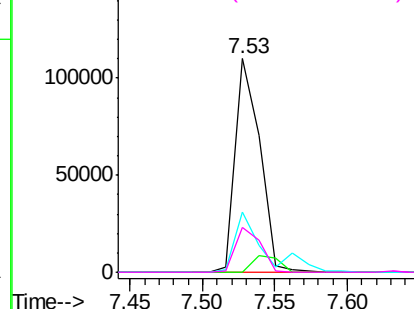


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 75.77 ng

RT: 7.71 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

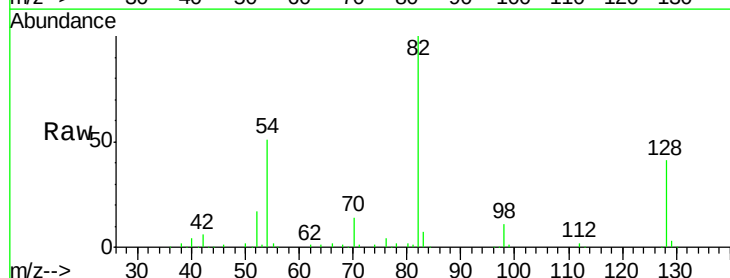
Tgt Ion: 82 Resp: 191326

Ion Ratio Lower Upper

82 100

128 40.9 31.8 47.8

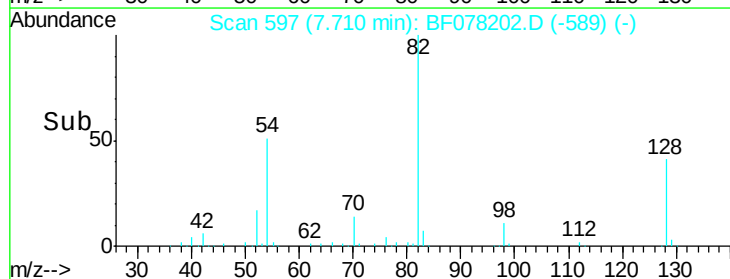
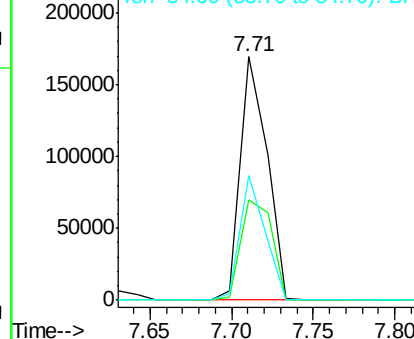
54 51.2 41.5 62.3

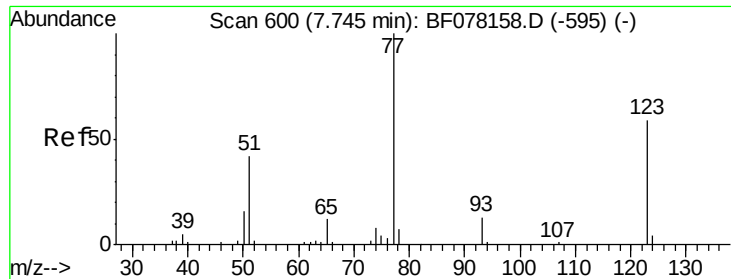


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

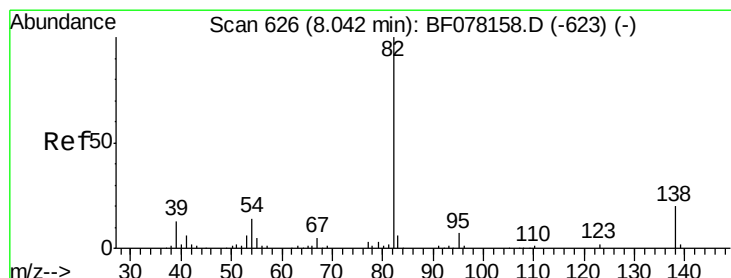
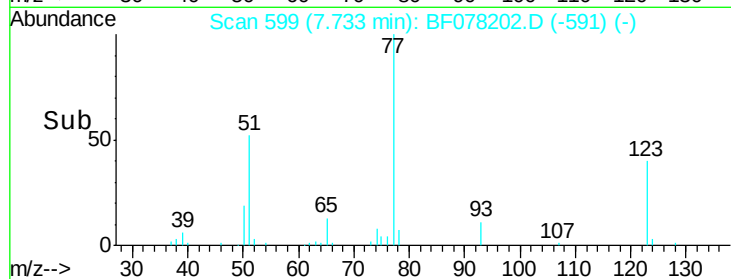
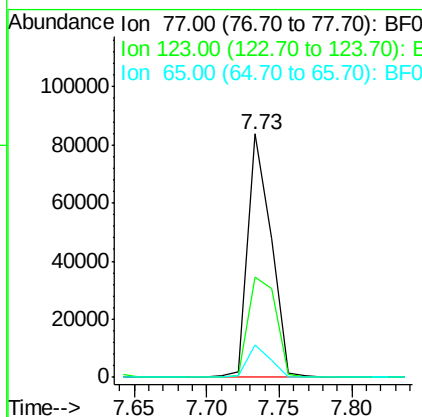
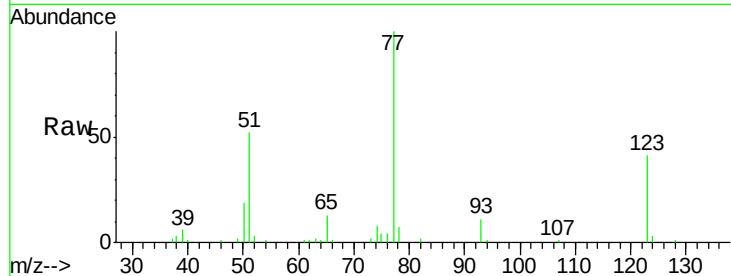




#24
 Nitrobenzene
 Concen: 35.37 ng
 RT: 7.73 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

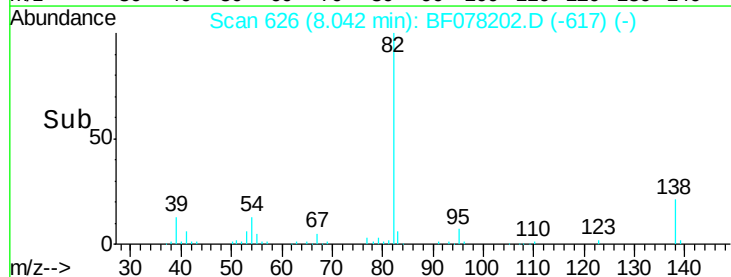
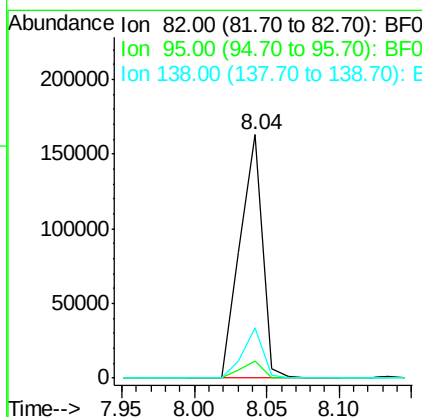
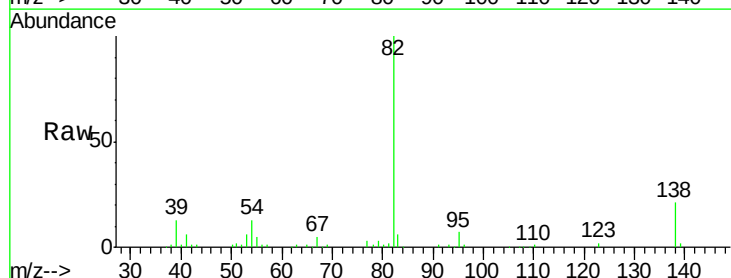
Instrument :
 BNA_F
 ClientSampled :
 PB82420BSD

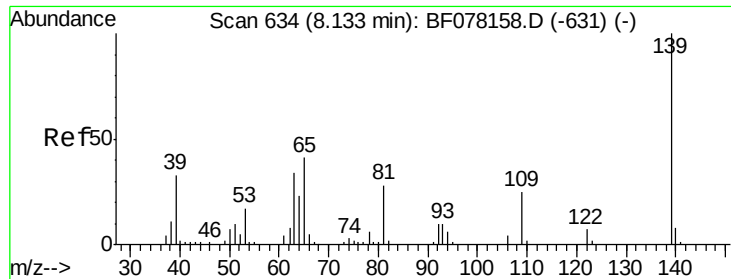
Tgt Ion: 77 Resp: 93360
 Ion Ratio Lower Upper
 77 100
 123 40.9 46.9 70.3#
 65 13.1 9.5 14.3



#25
 Isophorone
 Concen: 36.68 ng
 RT: 8.04 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion: 82 Resp: 175785
 Ion Ratio Lower Upper
 82 100
 95 7.1 5.7 8.5
 138 20.6 15.8 23.8

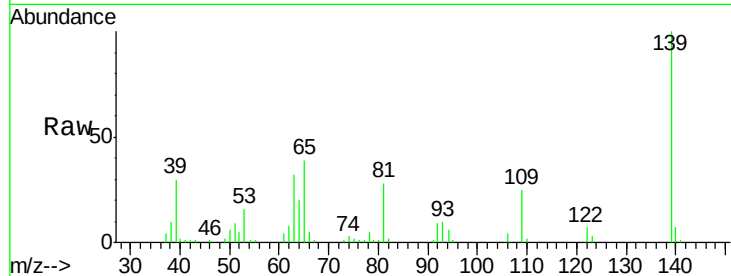




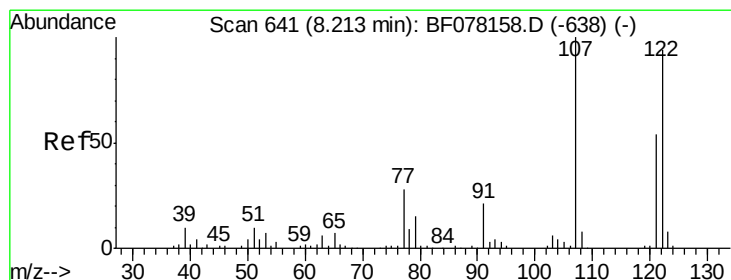
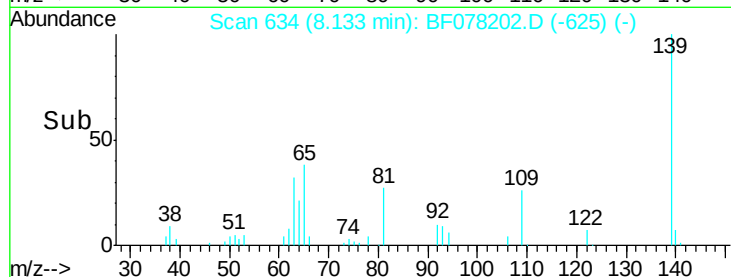
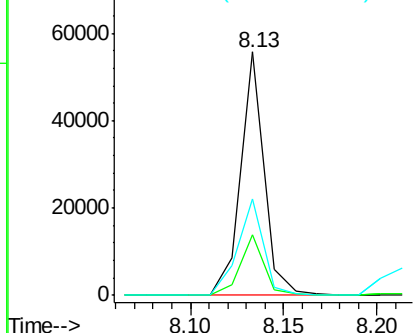
#26
 2-Nitrophenol
 Concen: 39.11 ng
 RT: 8.13 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.0	19.8	29.8
65	39.4	32.7	49.1

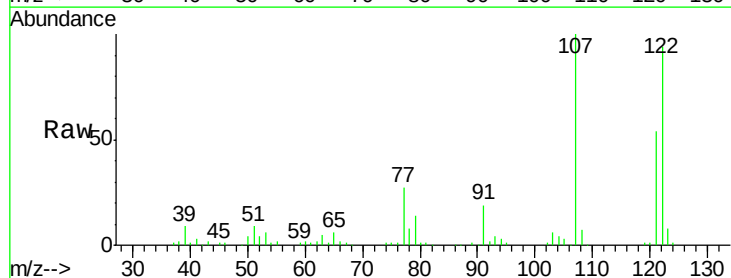


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

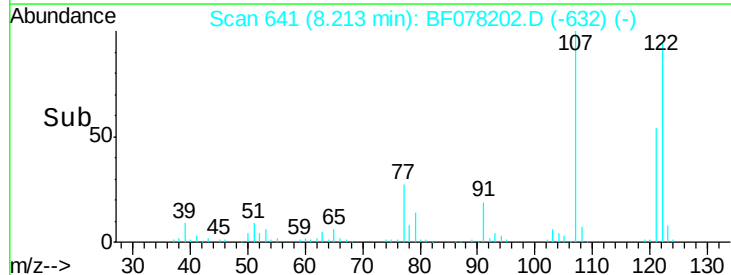
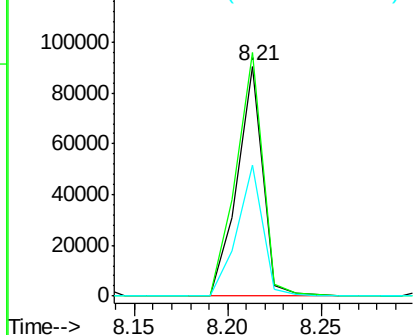


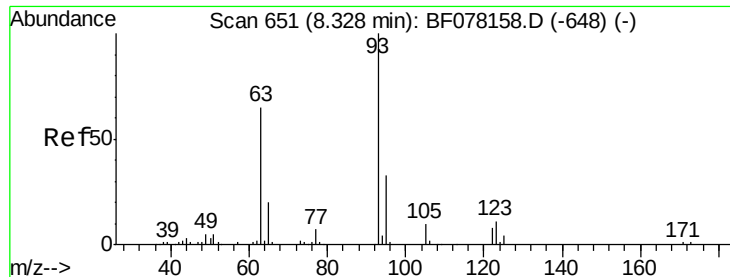
#27
 2,4-Dimethylphenol
 Concen: 37.34 ng
 RT: 8.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
122	100		
107	105.9	84.6	127.0
121	57.1	46.0	69.0



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

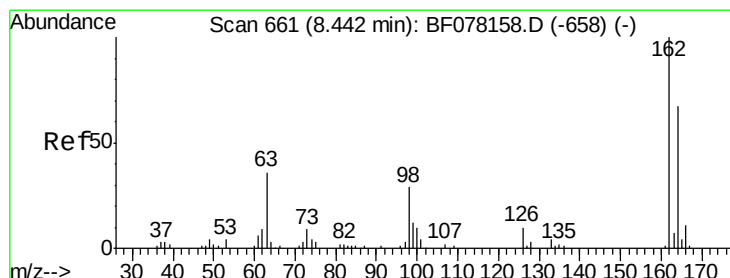
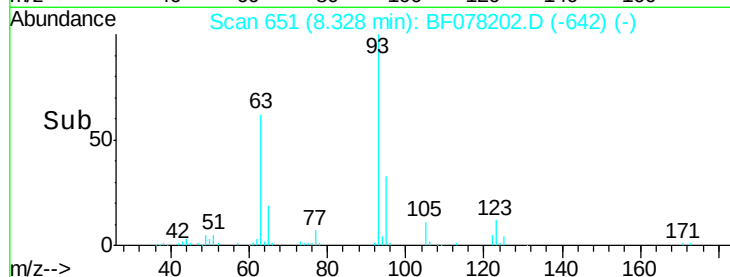
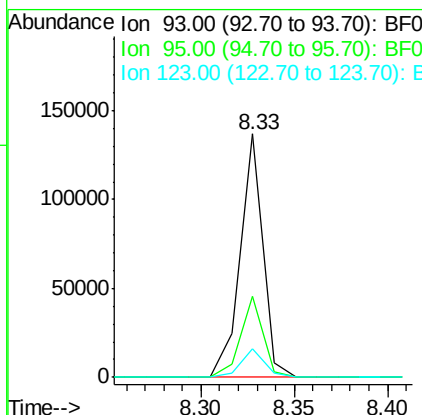
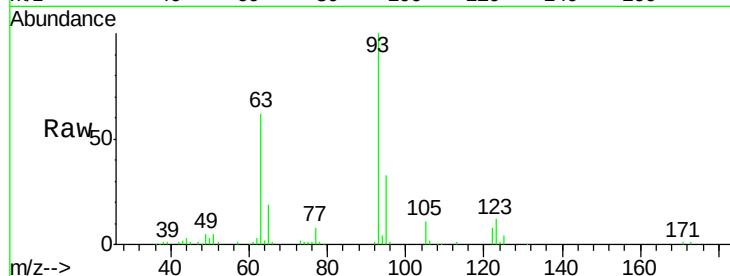




#28
bis(2-Chloroethoxy)methane
Concen: 38.04 ng
RT: 8.33 min Scan# 651
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

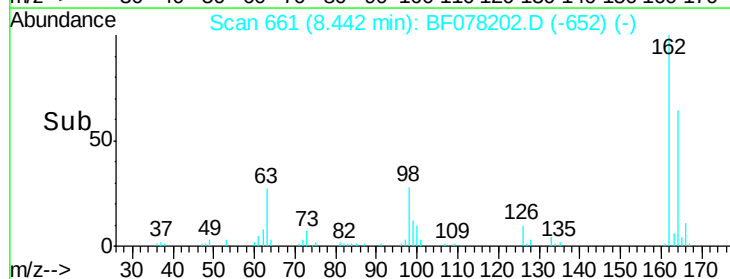
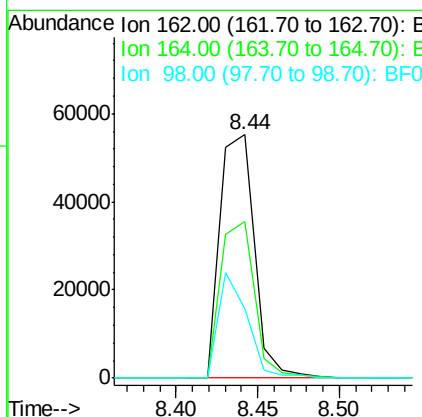
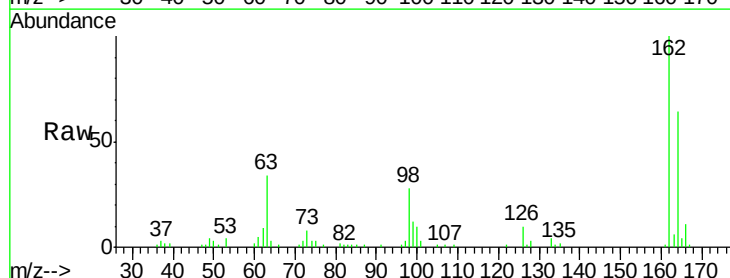
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

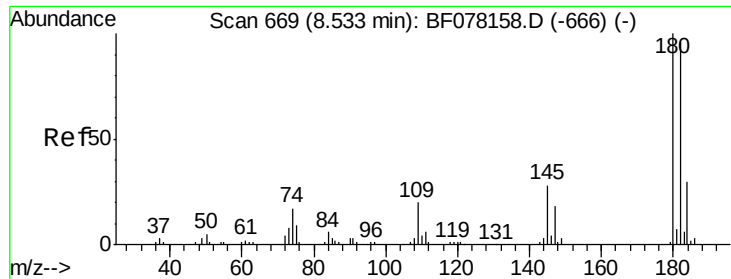
Tgt Ion: 93 Resp: 116899
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 12.0 9.1 13.7



#29
2,4-Dichlorophenol
Concen: 37.99 ng
RT: 8.44 min Scan# 661
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion: 162 Resp: 80845
Ion Ratio Lower Upper
162 100
164 64.4 47.0 87.0
98 28.4 9.2 49.2

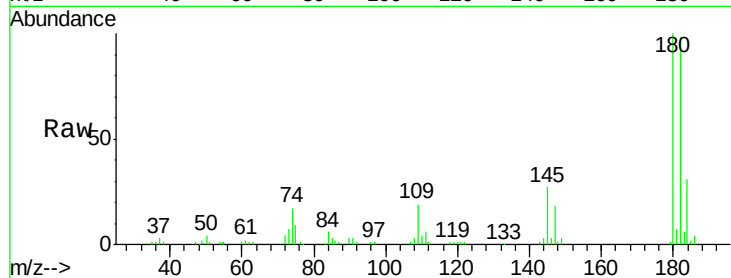




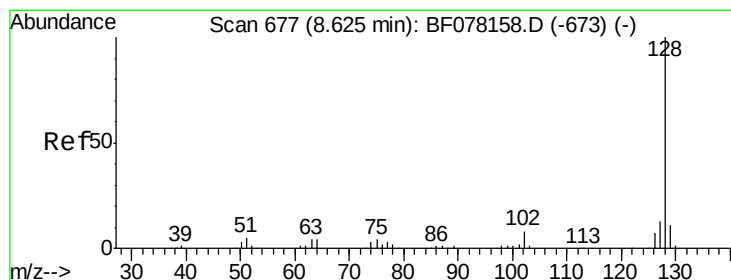
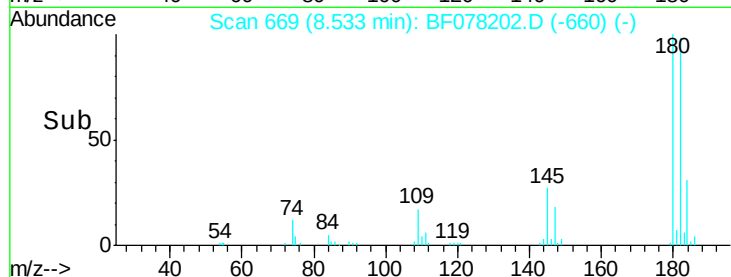
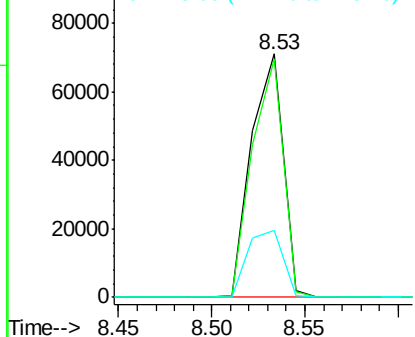
#30
 1,2,4-Trichlorobenzene
 Concen: 34.42 ng
 RT: 8.53 min Scan# 669
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:180 Resp: 83996
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.9 115.3
 145 27.4 22.5 33.7

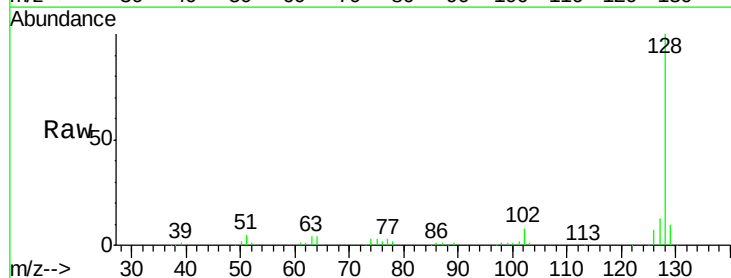


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

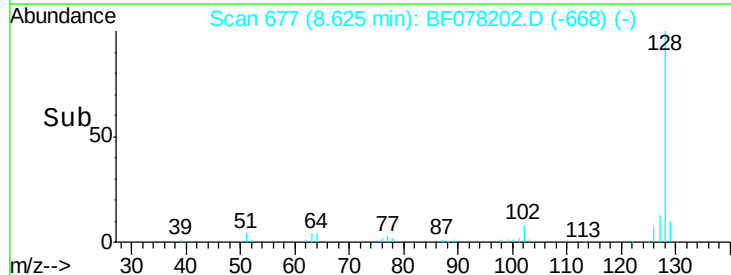
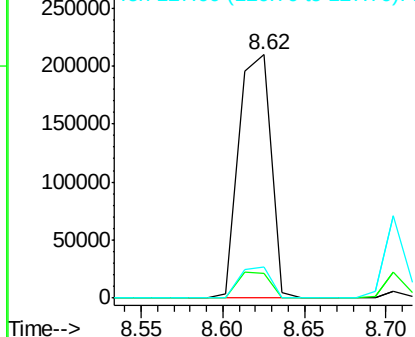


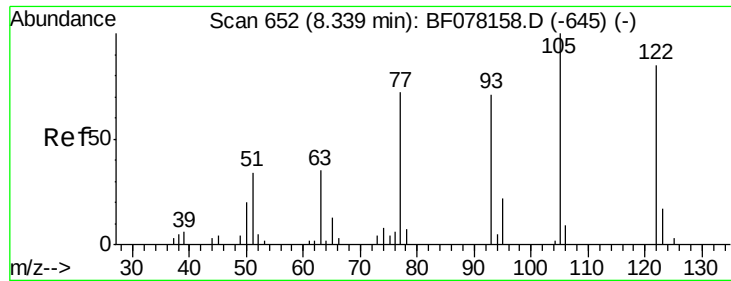
#31
 Naphthalene
 Concen: 35.66 ng
 RT: 8.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:128 Resp: 284070
 Ion Ratio Lower Upper
 128 100
 129 10.3 8.6 12.8
 127 12.7 10.7 16.1



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

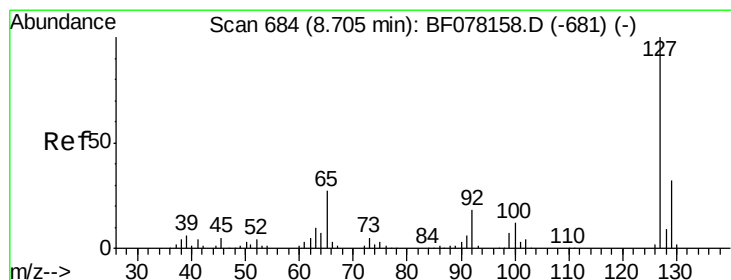
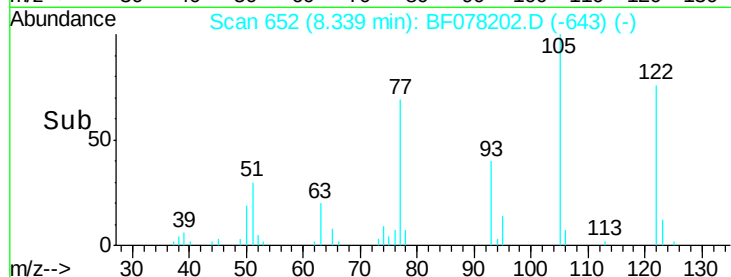
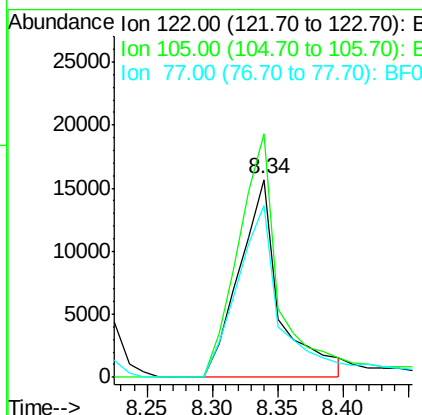
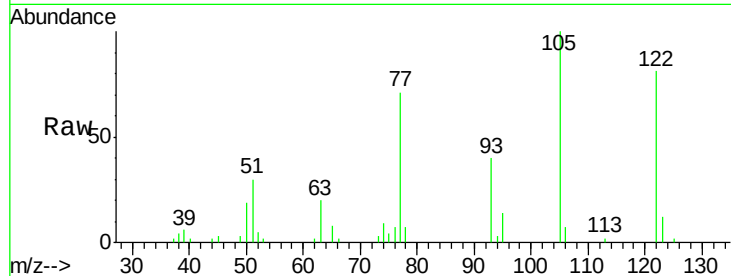




#32
Benzoic acid
Concen: 33.03 ng
RT: 8.34 min Scan# 652
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

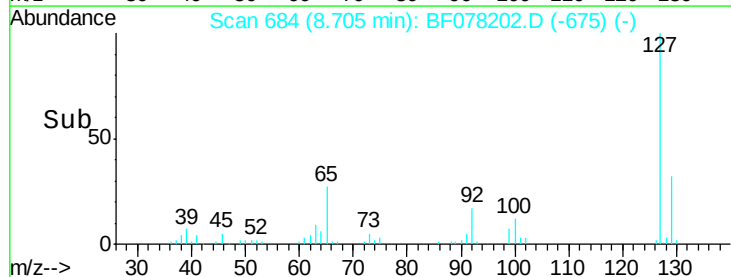
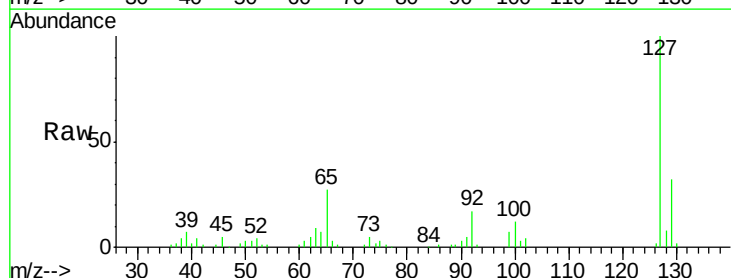
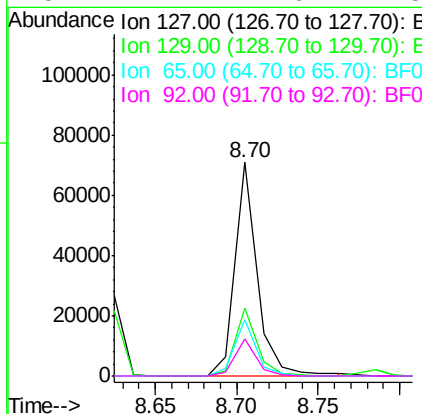
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

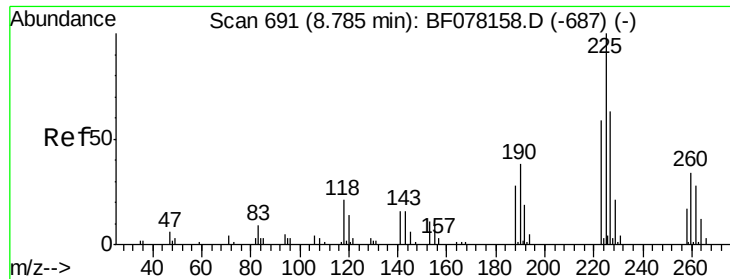
Tgt Ion:122 Resp: 34076
Ion Ratio Lower Upper
122 100
105 123.1 96.1 136.1
77 87.0 64.1 104.1



#33
4-Chloroaniline
Concen: 20.06 ng
RT: 8.70 min Scan# 684
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion:127 Resp: 66316
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 26.6 21.7 32.5
92 17.4 14.6 21.8

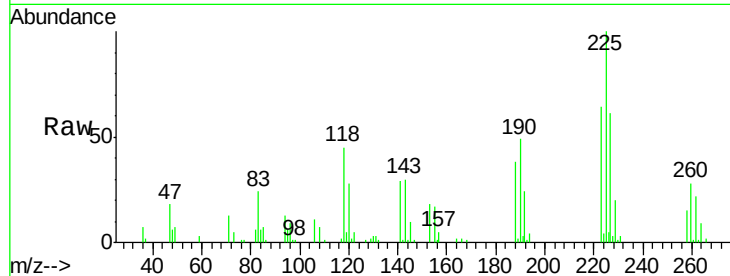




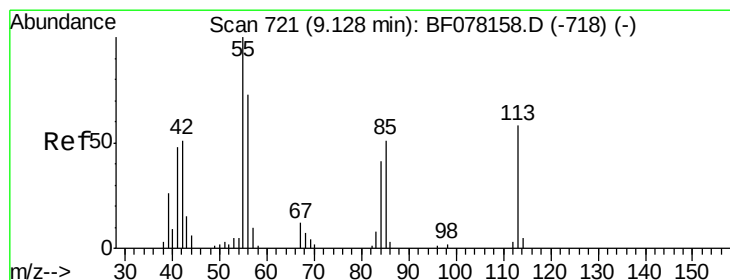
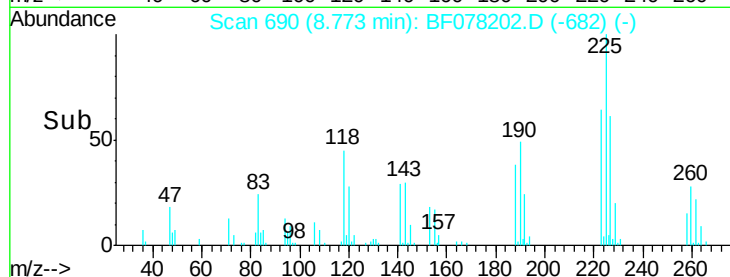
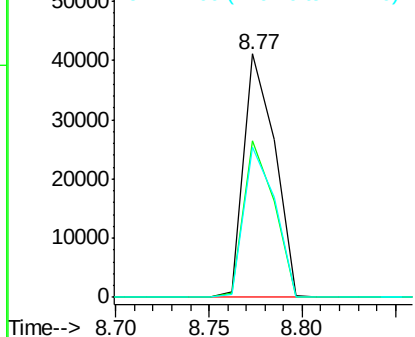
#34
Hexachlorobutadiene
Concen: 35.28 ng
RT: 8.77 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion: 225 Resp: 47262
Ion Ratio Lower Upper
225 100
223 64.2 47.5 71.3
227 61.4 50.2 75.2

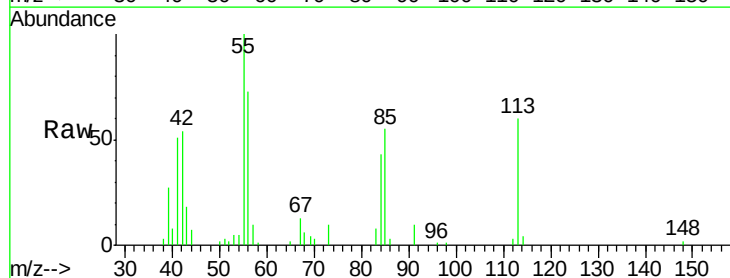


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

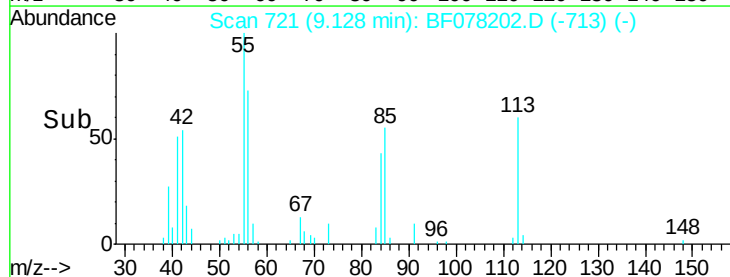
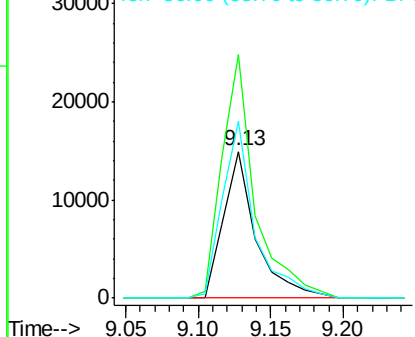


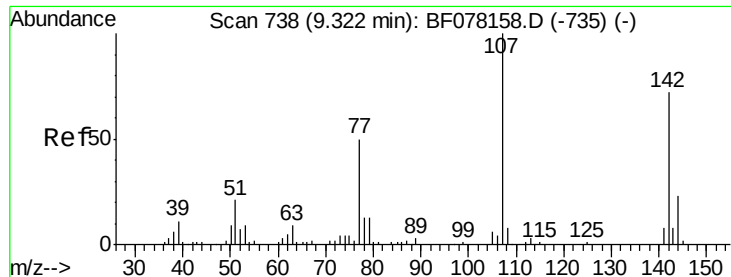
#35
Caprolactam
Concen: 36.80 ng
RT: 9.13 min Scan# 721
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion: 113 Resp: 23379
Ion Ratio Lower Upper
113 100
55 165.8 151.9 191.9
56 120.7 106.1 146.1



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

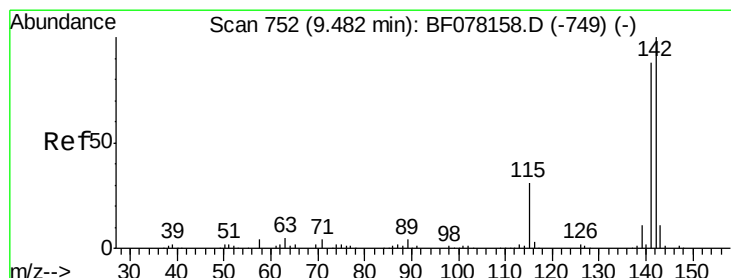
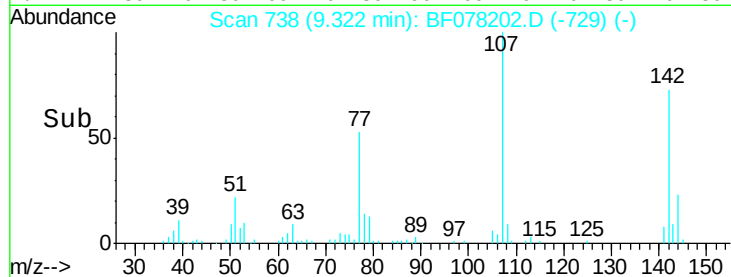
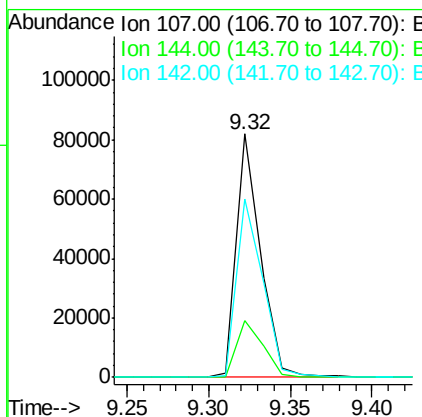
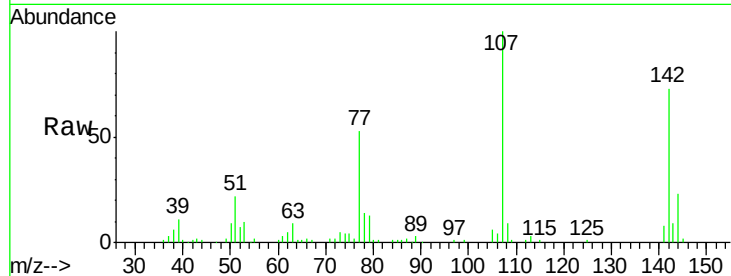




#36
 4-Chloro-3-methylphenol
 Concen: 38.93 ng
 RT: 9.32 min Scan# 738
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

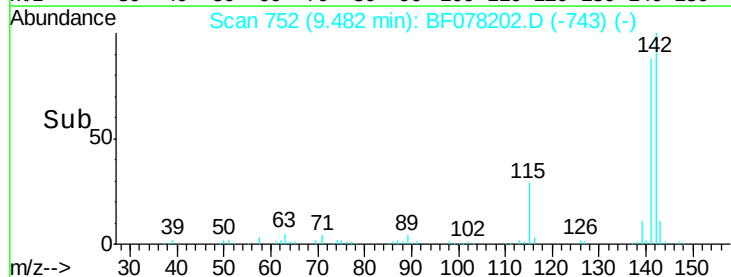
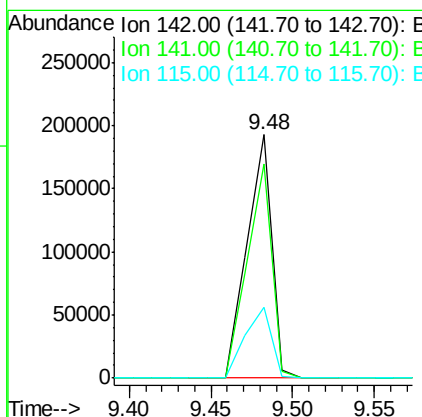
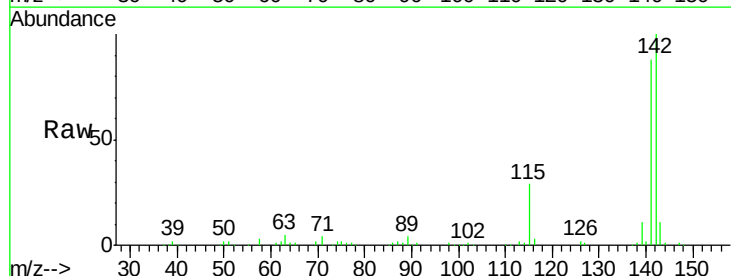
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

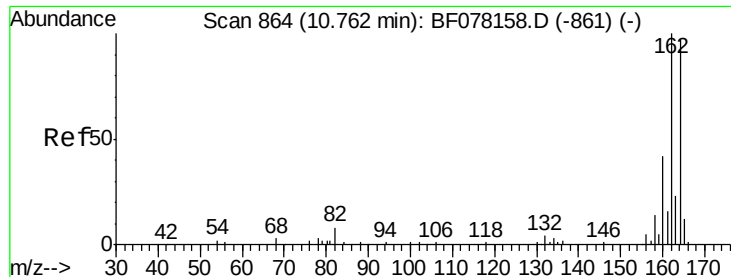
Tgt Ion:107 Resp: 83588
 Ion Ratio Lower Upper
 107 100
 144 23.1 18.2 27.2
 142 73.4 58.0 87.0



#37
 2-Methylnaphthalene
 Concen: 37.54 ng
 RT: 9.48 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:142 Resp: 203035
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.3 105.5
 115 28.8 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.76 min Scan# 864

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

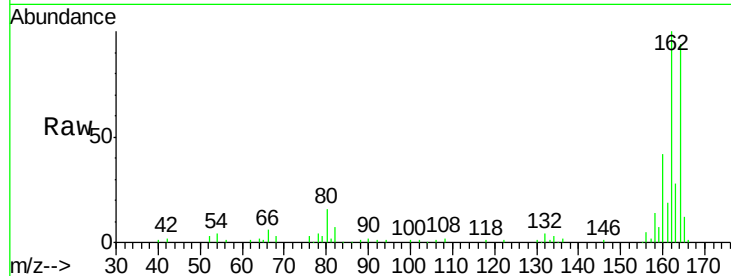
Tgt Ion:164 Resp: 77345

Ion Ratio Lower Upper

164 100

162 106.2 82.2 123.2

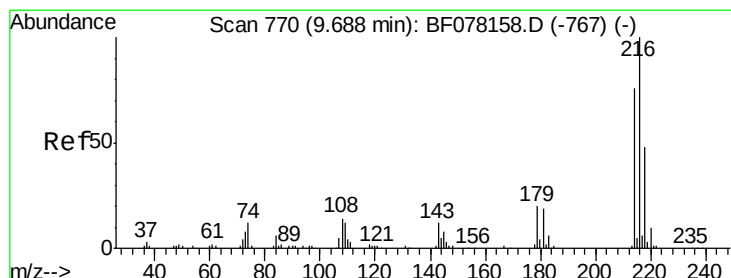
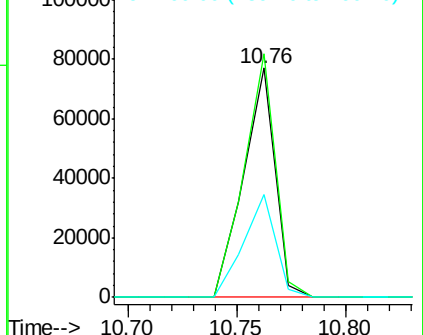
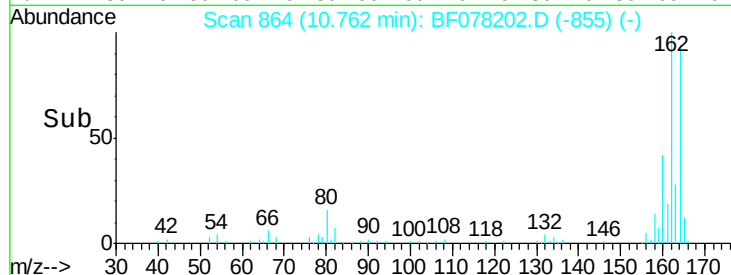
160 45.1 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.70 ng

RT: 9.69 min Scan# 770

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion:216 Resp: 83161

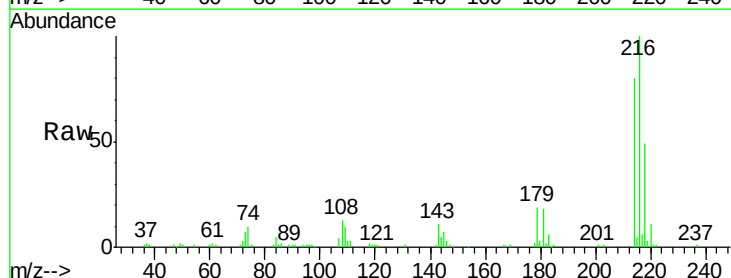
Ion Ratio Lower Upper

216 100

214 79.7 62.0 93.0

179 21.6 17.3 25.9

108 20.8 14.6 21.8

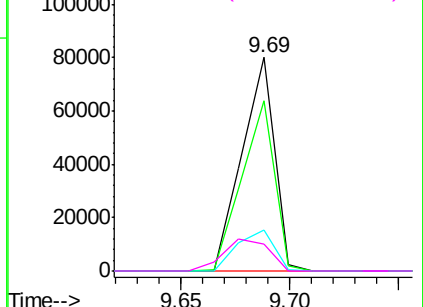
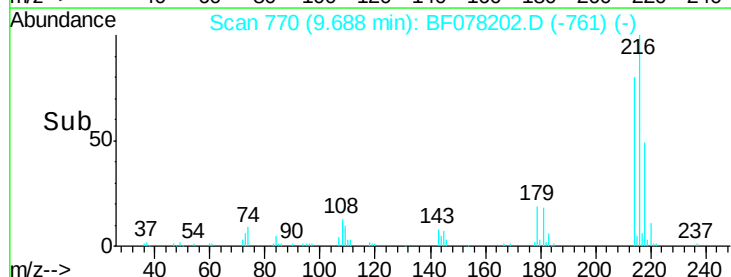


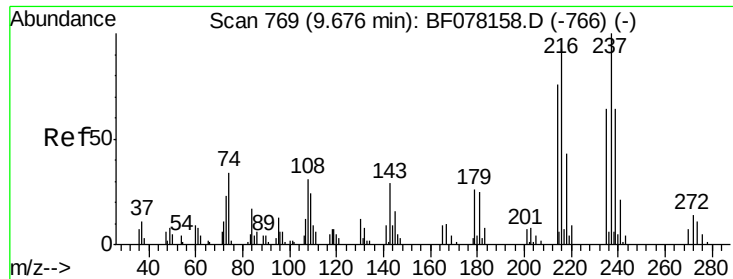
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 75.69 ng

RT: 9.66 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

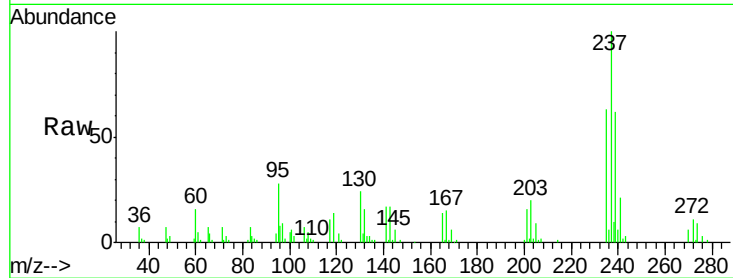
Tgt Ion:237 Resp: 77675

Ion Ratio Lower Upper

237 100

235 63.0 44.1 84.1

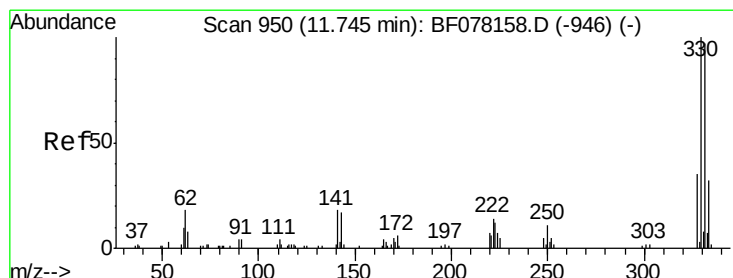
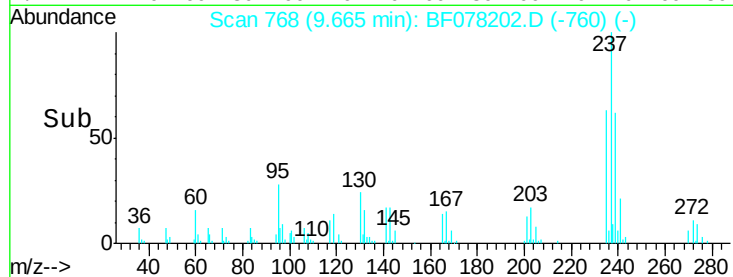
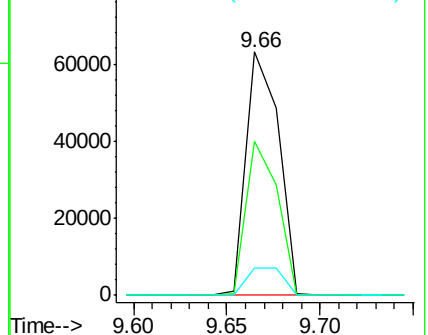
272 11.1 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 128.62 ng

RT: 11.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

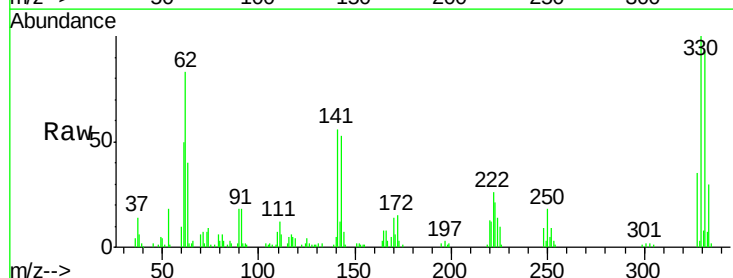
Tgt Ion:330 Resp: 82505

Ion Ratio Lower Upper

330 100

332 96.1 78.6 117.8

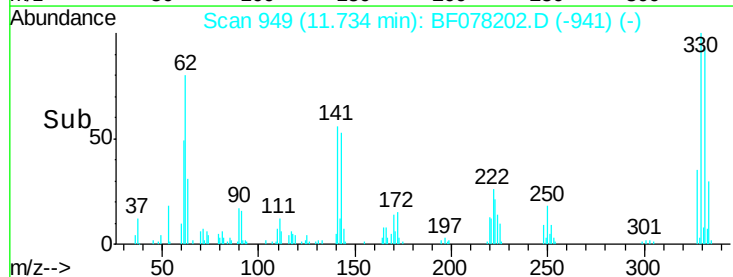
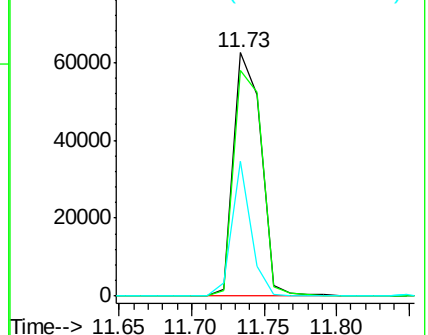
141 38.6 31.2 46.8

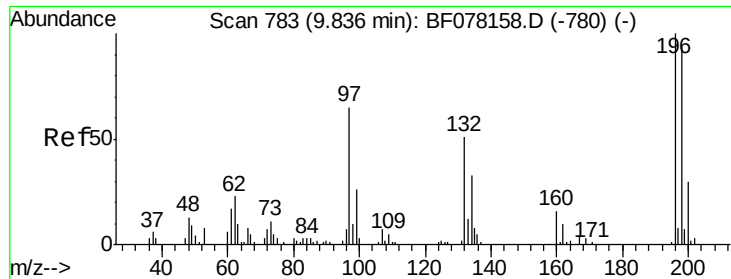


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

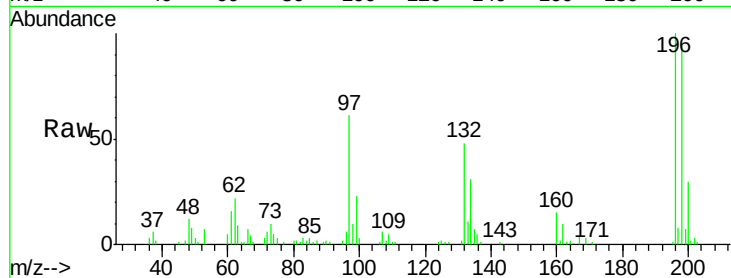




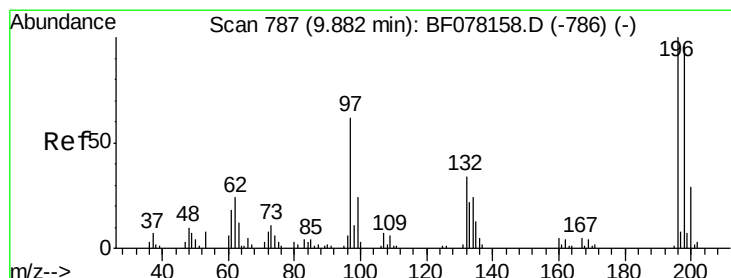
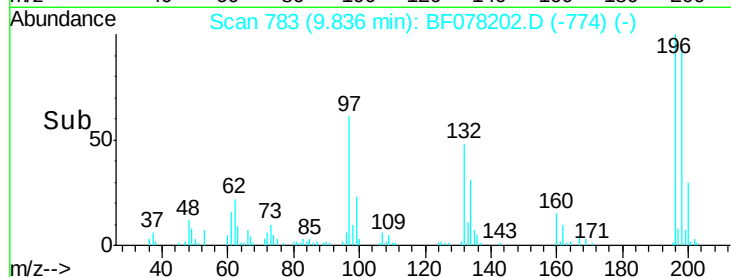
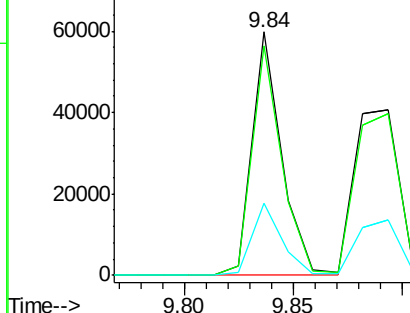
#42
 2,4,6-Trichlorophenol
 Concen: 37.45 ng
 RT: 9.84 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:196 Resp: 56596
 Ion Ratio Lower Upper
 196 100
 198 94.4 75.4 113.2
 200 29.7 24.0 36.0

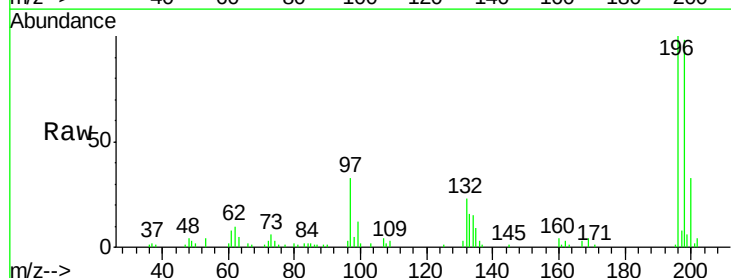


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

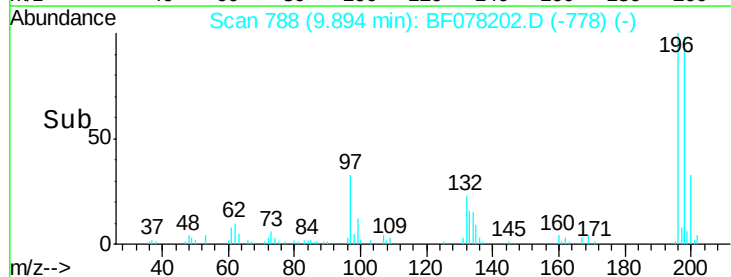
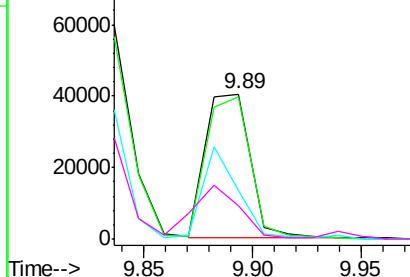


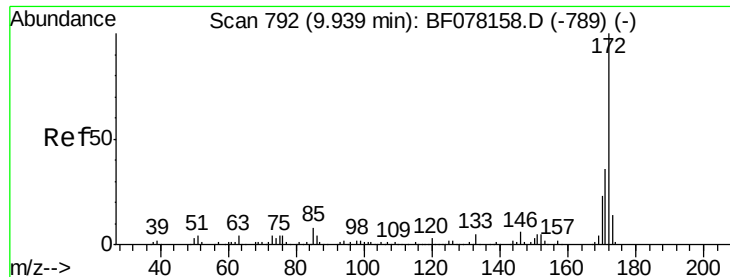
#43
 2,4,5-Trichlorophenol
 Concen: 36.71 ng
 RT: 9.89 min Scan# 788
 Delta R.T. 0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:196 Resp: 57968
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 115.0
 97 33.1 50.6 75.8#
 132 23.0 27.7 41.5#



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: 77.92 ng

RT: 9.94 min Scan# 792

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

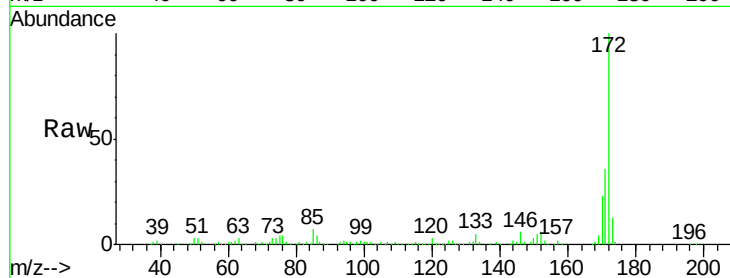
Tgt Ion:172 Resp: 421613

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

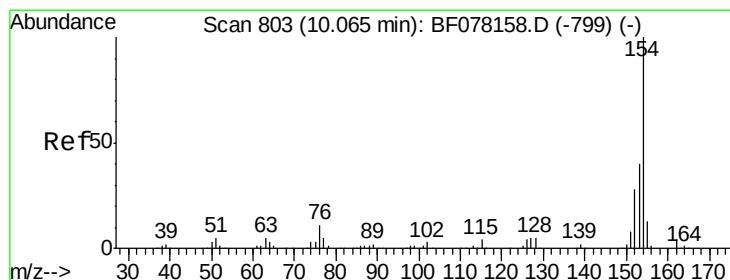
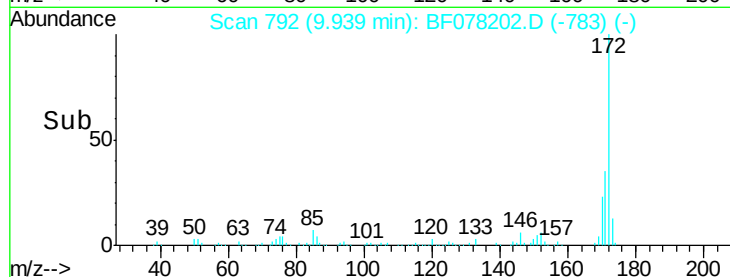
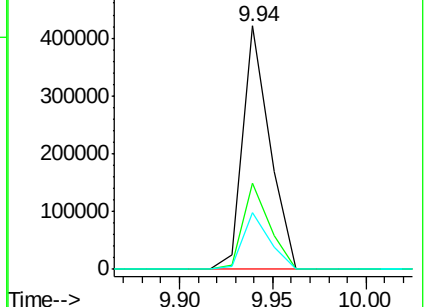
170 23.5 18.5 27.7



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: 36.91 ng

RT: 10.07 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

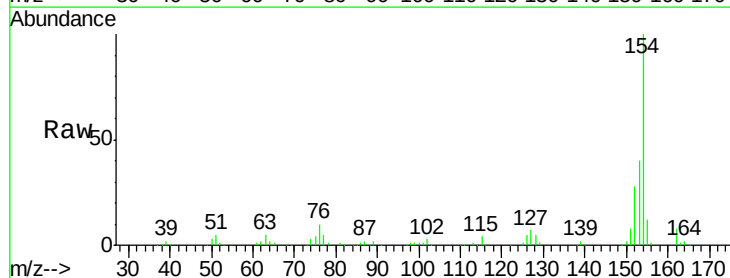
Tgt Ion:154 Resp: 233544

Ion Ratio Lower Upper

154 100

153 39.8 20.0 60.0

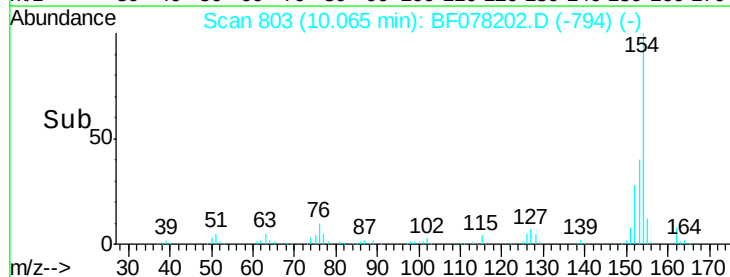
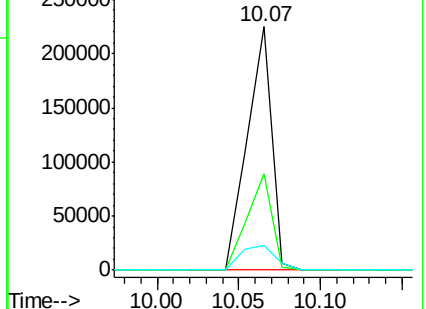
76 10.3 0.0 30.6

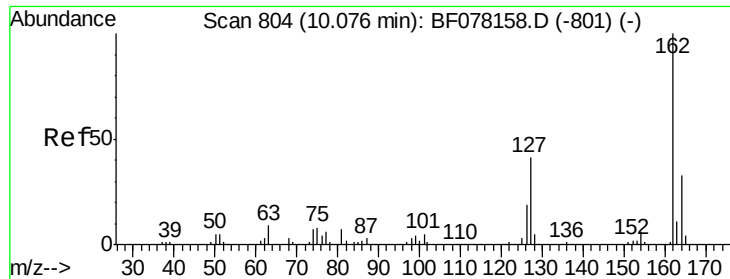


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

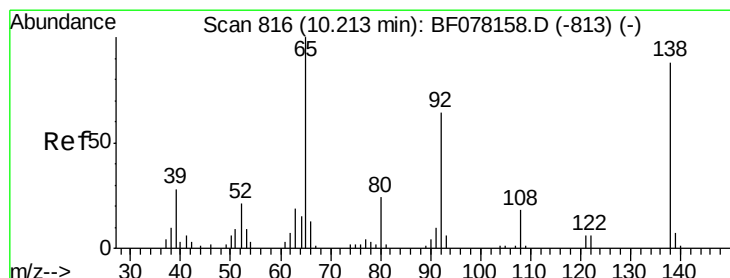
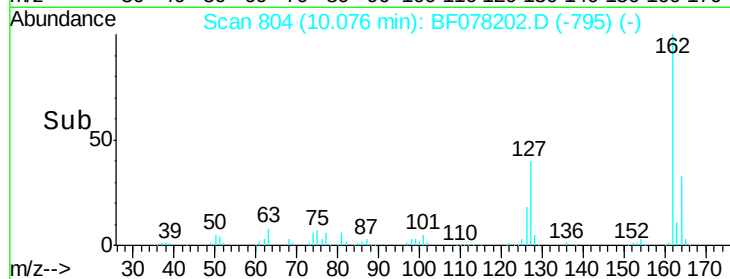
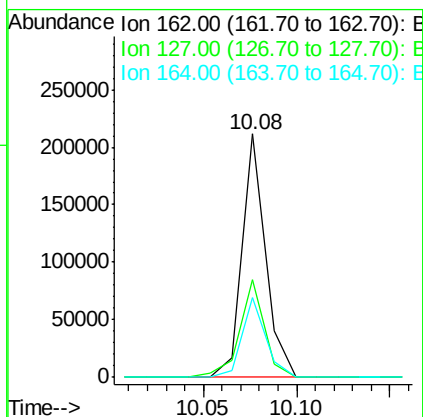
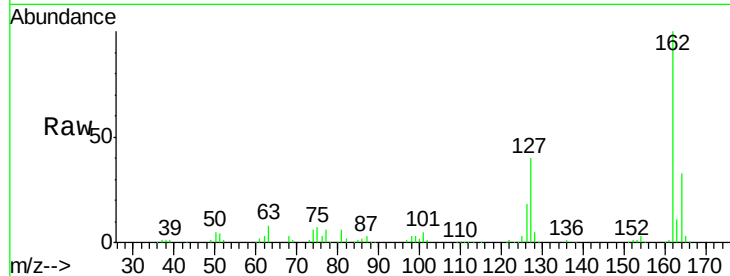




#46
 2-Chloronaphthalene
 Concen: 37.19 ng
 RT: 10.08 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

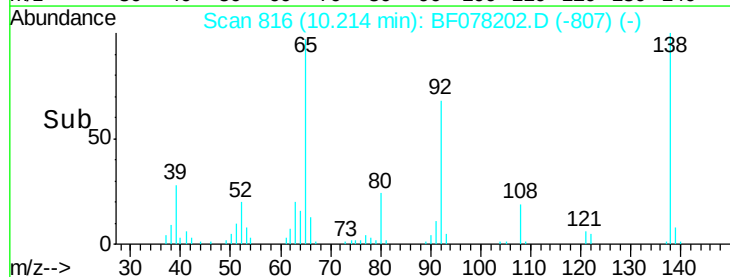
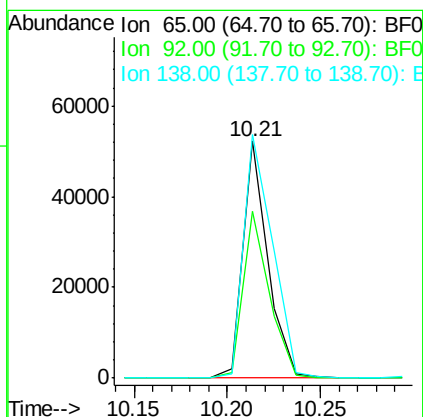
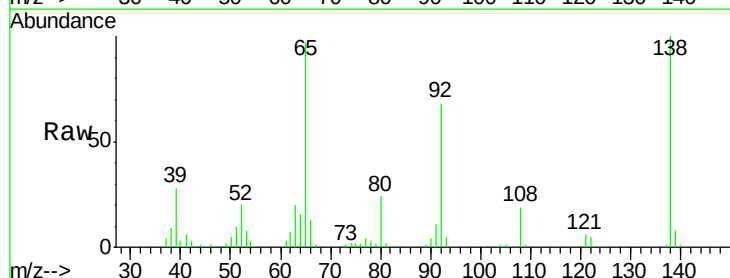
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

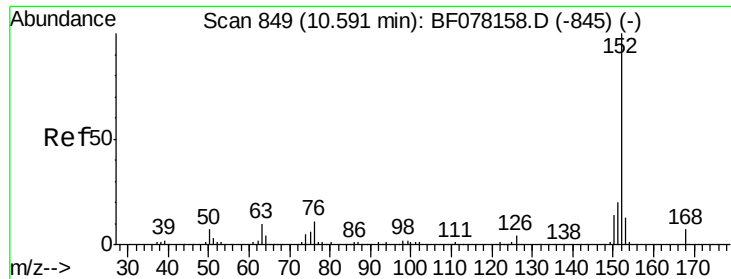
Tgt Ion: 162 Resp: 185136
 Ion Ratio Lower Upper
 162 100
 127 40.2 32.6 49.0
 164 33.0 26.0 39.0



#47
 2-Nitroaniline
 Concen: 39.42 ng
 RT: 10.21 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion: 65 Resp: 48543
 Ion Ratio Lower Upper
 65 100
 92 70.3 51.3 76.9
 138 102.8 70.4 105.6





#48

Acenaphthylene

Concen: 36.11 ng

RT: 10.58 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

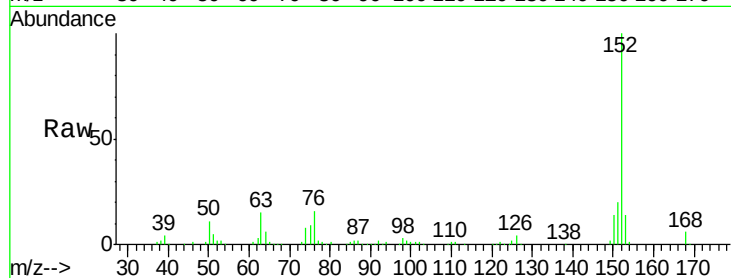
Tgt Ion:152 Resp: 290284

Ion Ratio Lower Upper

152 100

151 20.1 15.7 23.5

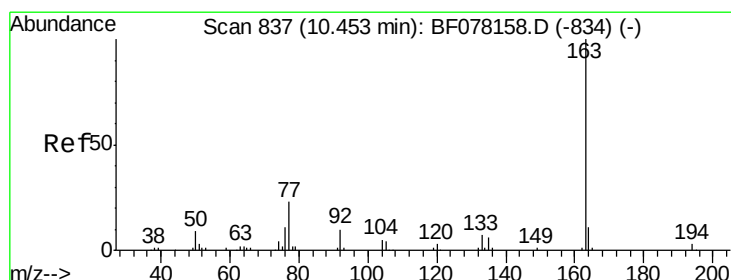
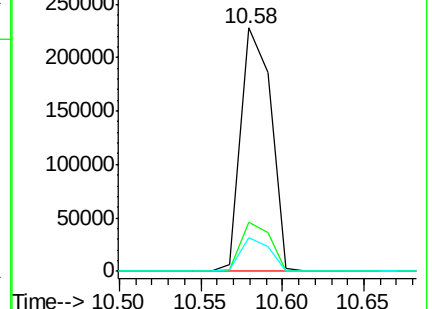
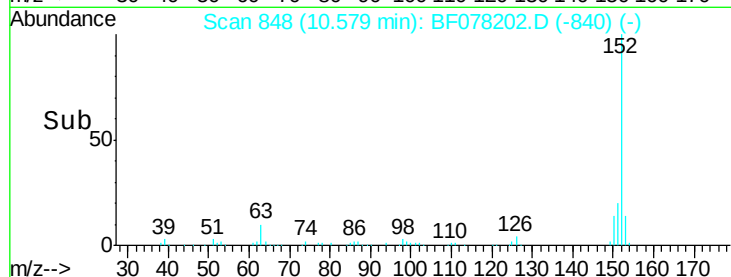
153 13.7 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 35.73 ng

RT: 10.45 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

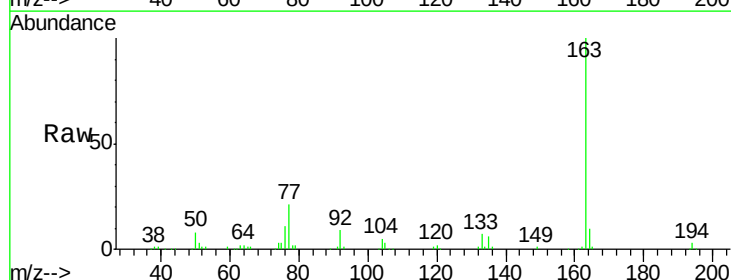
Tgt Ion:163 Resp: 207627

Ion Ratio Lower Upper

163 100

194 3.1 2.3 3.5

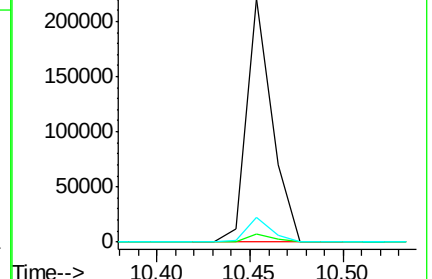
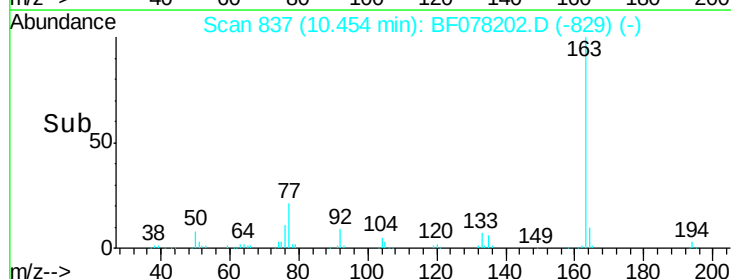
164 10.0 8.6 13.0

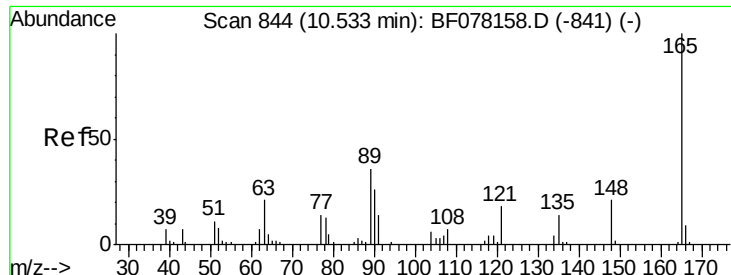


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

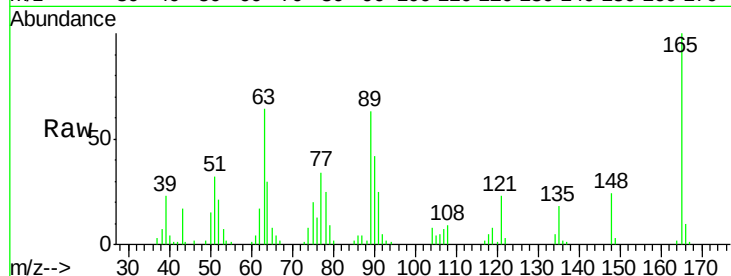




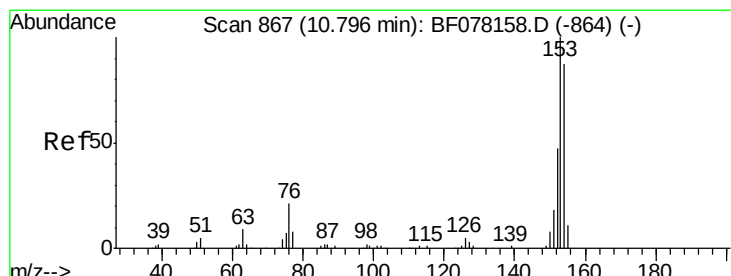
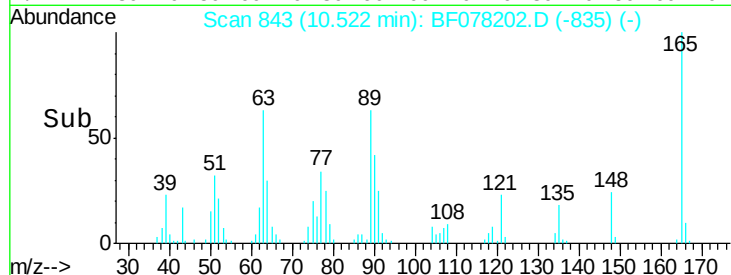
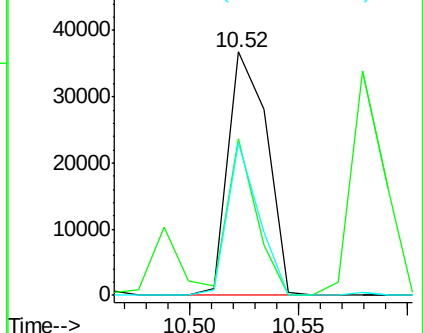
#50
 2,6-Dinitrotoluene
 Concen: 38.03 ng
 RT: 10.52 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:165 Resp: 45468
 Ion Ratio Lower Upper
 165 100
 63 64.1 24.1 36.1#
 89 62.6 28.9 43.3#

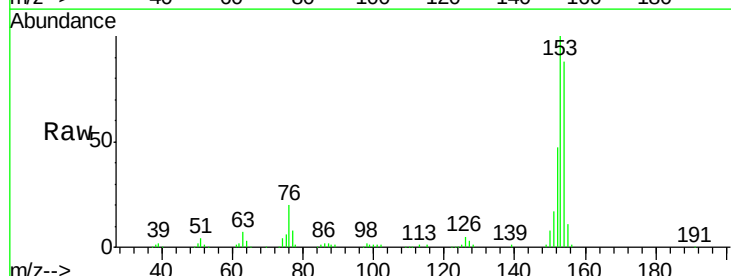


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

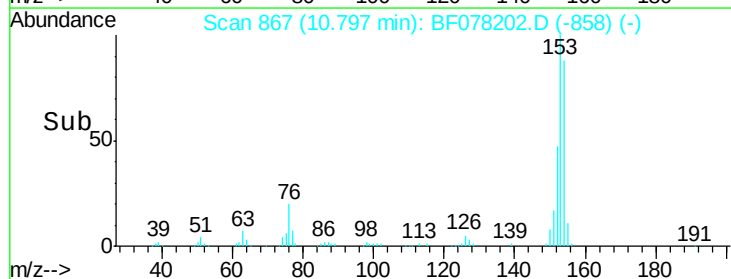
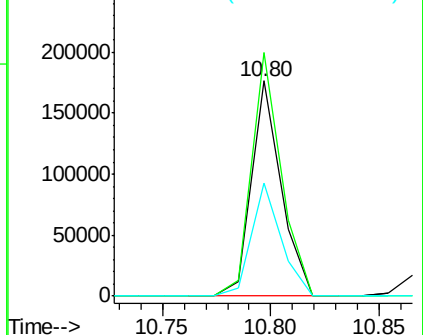


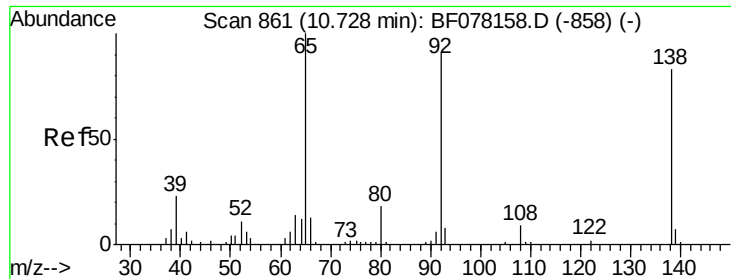
#51
 Acenaphthene
 Concen: 36.87 ng
 RT: 10.80 min Scan# 867
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:154 Resp: 166843
 Ion Ratio Lower Upper
 154 100
 153 113.3 91.4 137.2
 152 52.7 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

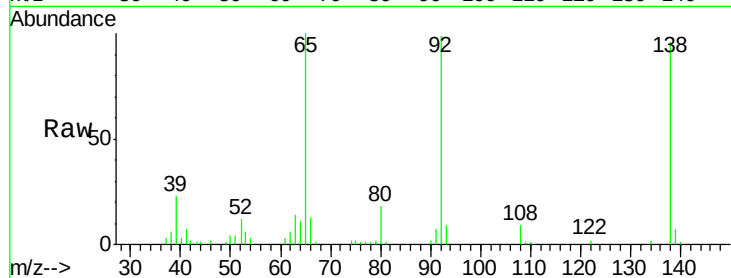




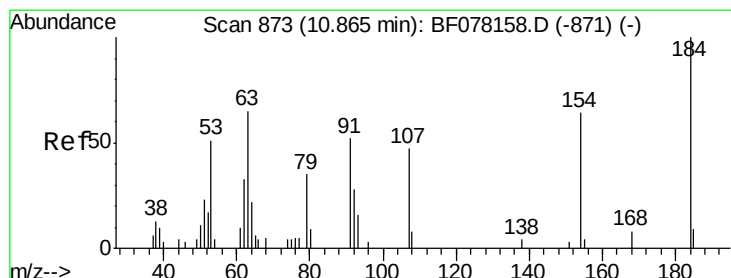
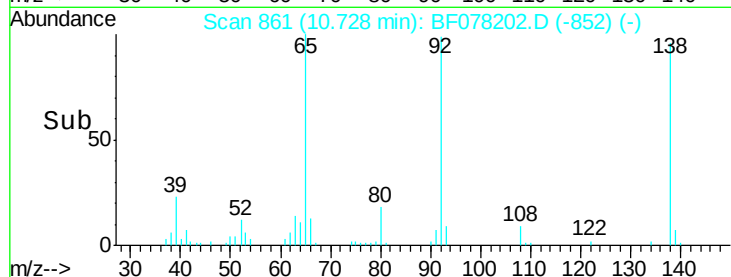
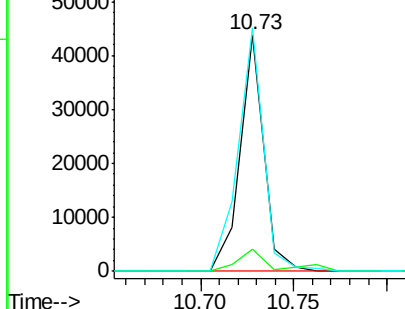
#52
 3-Nitroaniline
 Concen: 28.71 ng
 RT: 10.73 min Scan# 861
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:138 Resp: 39027
 Ion Ratio Lower Upper
 138 100
 108 9.3 8.2 12.4
 92 102.9 88.4 132.6

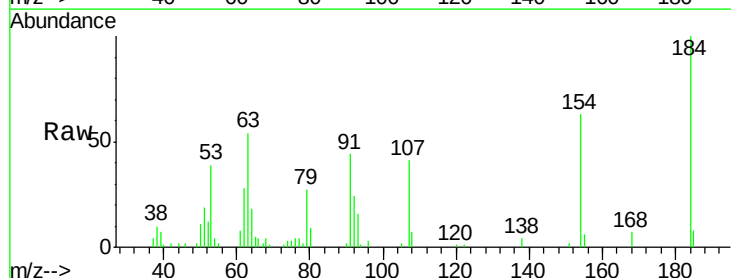


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF0

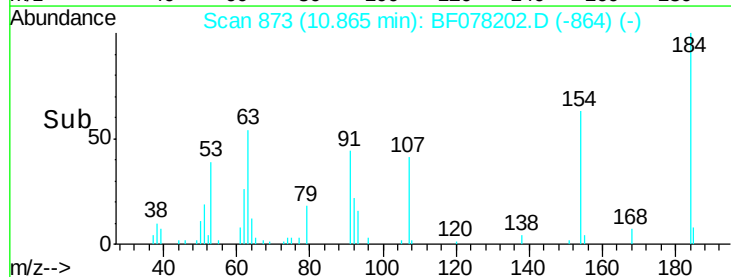
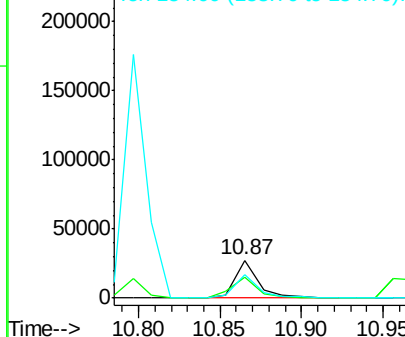


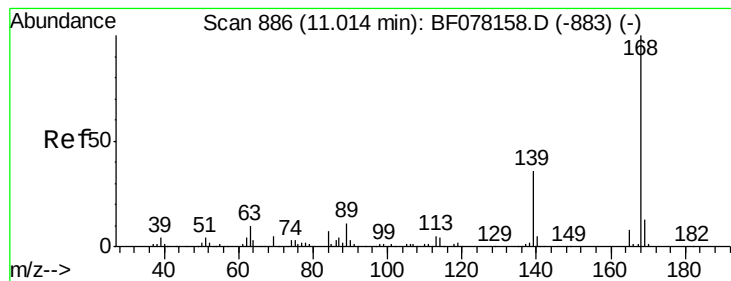
#53
 2,4-Dinitrophenol
 Concen: 65.60 ng
 RT: 10.87 min Scan# 873
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:184 Resp: 27685
 Ion Ratio Lower Upper
 184 100
 63 54.1 51.9 77.9
 154 62.9 51.0 76.4



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





#54

Dibenzenofuran

Concen: 37.62 ng

RT: 11.01 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

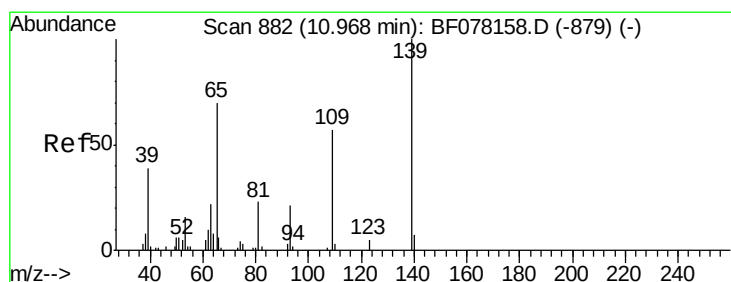
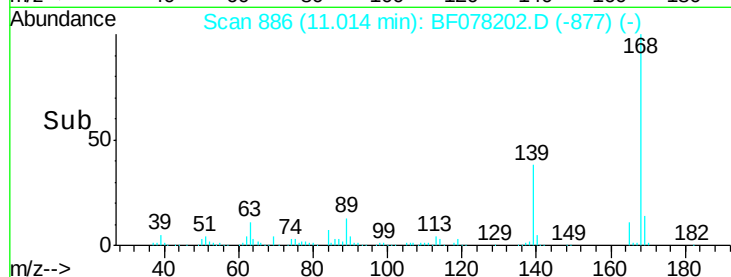
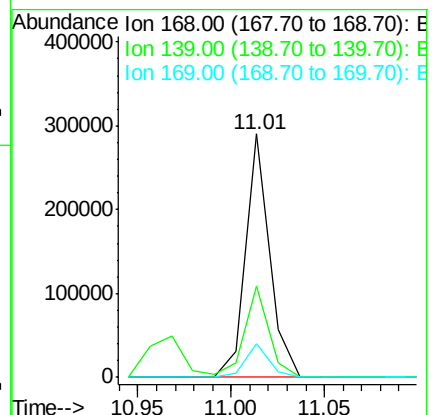
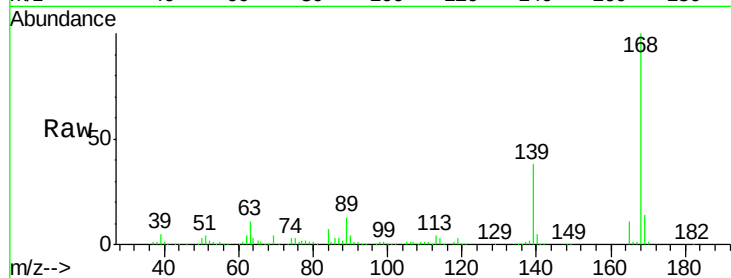
Tgt Ion:168 Resp: 260049

Ion Ratio Lower Upper

168 100

139 37.8 31.0 46.4

169 13.7 10.7 16.1



#55

4-Nitrophenol

Concen: 67.17 ng

RT: 10.97 min Scan# 882

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

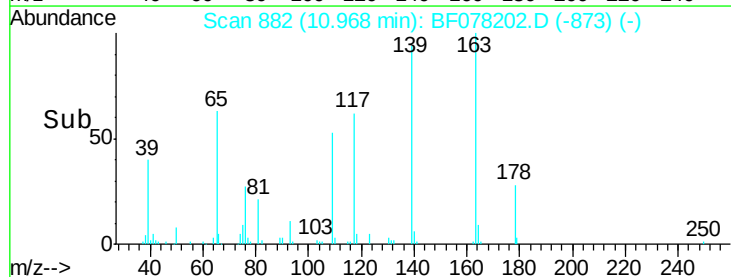
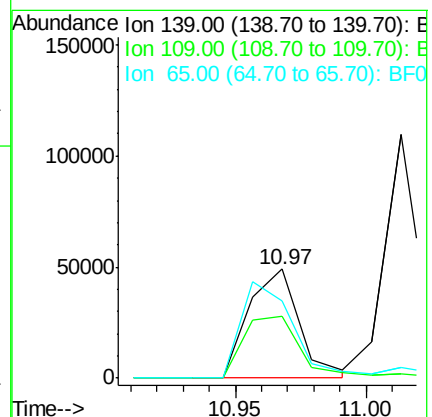
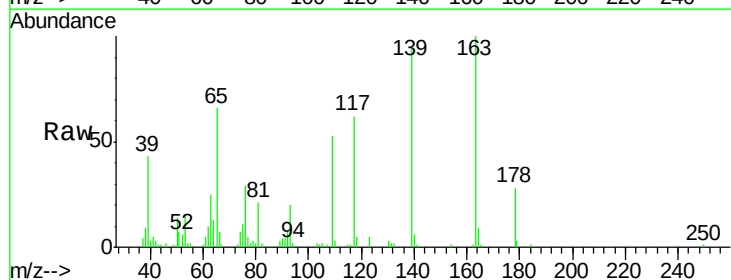
Tgt Ion:139 Resp: 66774

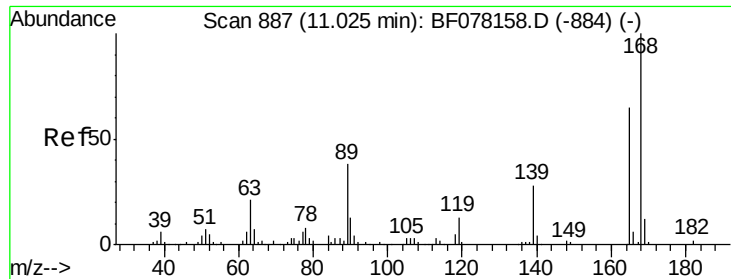
Ion Ratio Lower Upper

139 100

109 56.3 36.7 76.7

65 70.6 49.9 89.9





#56

2,4-Dinitrotoluene

Concen: 41.16 ng

RT: 11.03 min Scan# 887

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion:165 Resp: 63724

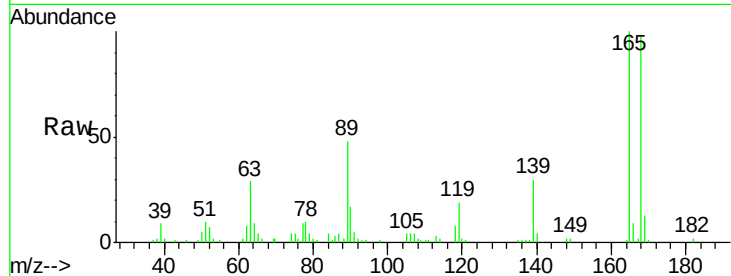
Ion Ratio Lower Upper

165 100

63 28.9 26.5 39.7

89 48.4 46.4 69.6

182 2.4 2.0 3.0

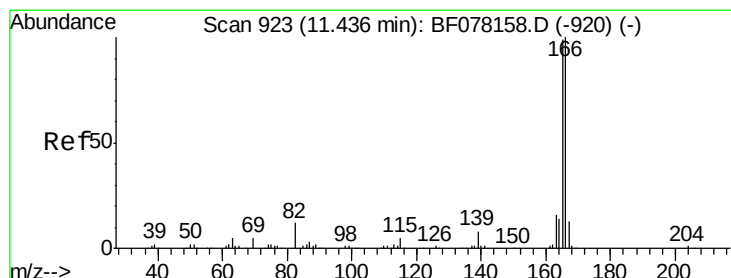
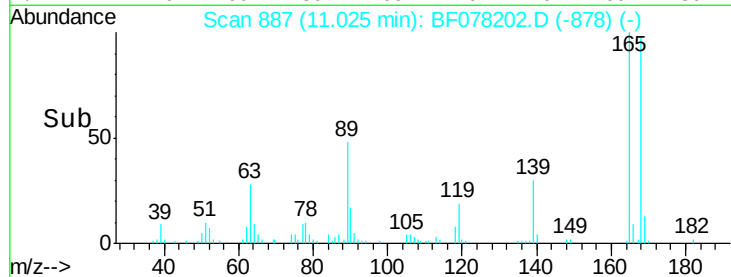
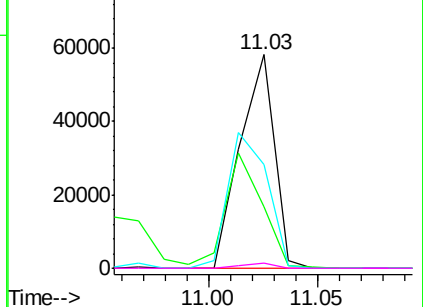


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 38.94 ng

RT: 11.44 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

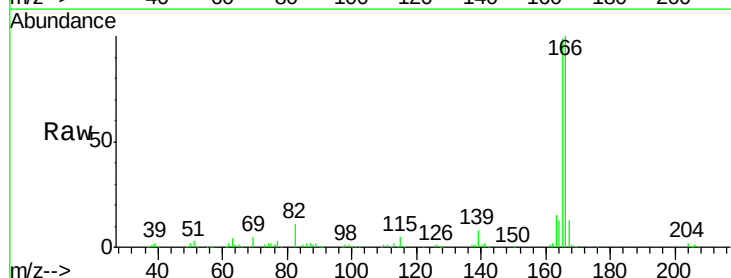
Tgt Ion:166 Resp: 218190

Ion Ratio Lower Upper

166 100

165 98.9 78.9 118.3

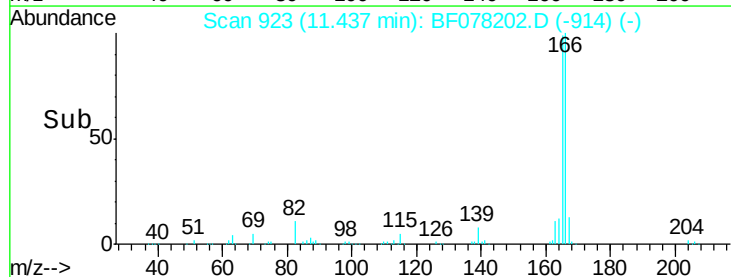
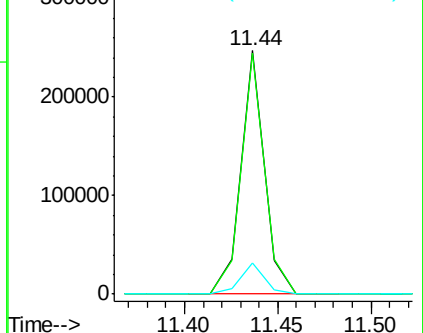
167 13.0 10.7 16.1

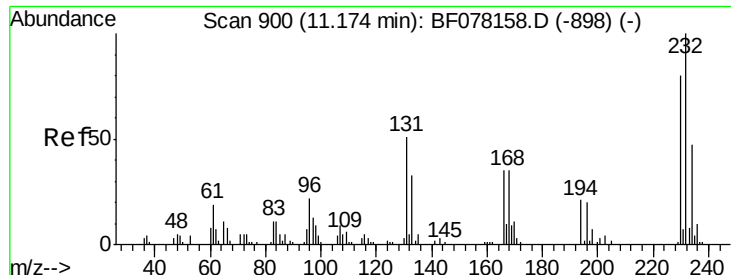


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

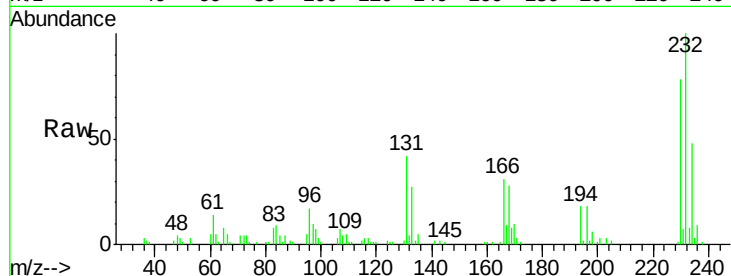




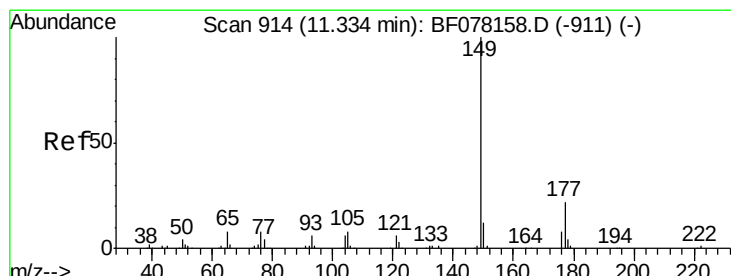
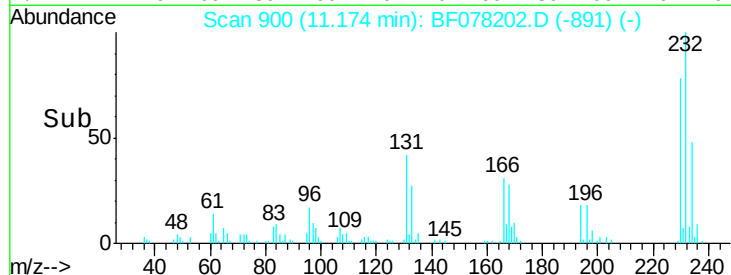
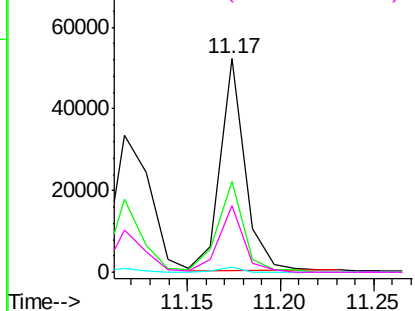
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 41.17 ng
 RT: 11.17 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion: 232 Resp: 48192
 Ion Ratio Lower Upper
 232 100
 131 45.4 37.8 56.8
 130 2.0 1.5 2.3
 166 31.9 25.8 38.6

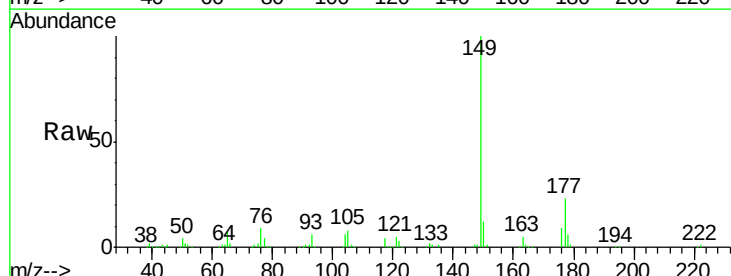


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

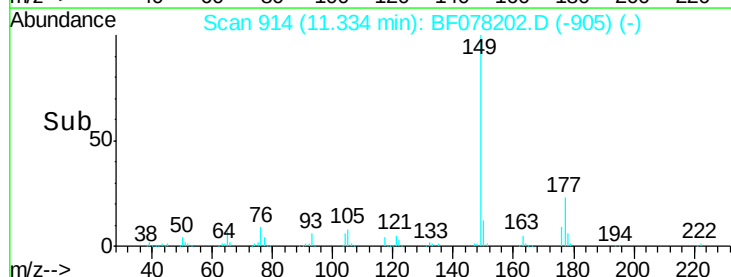
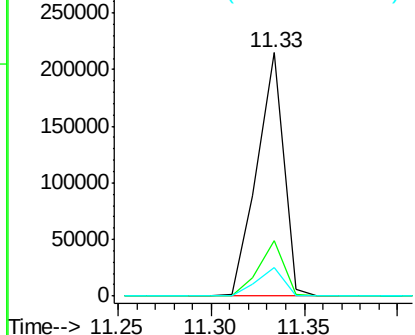


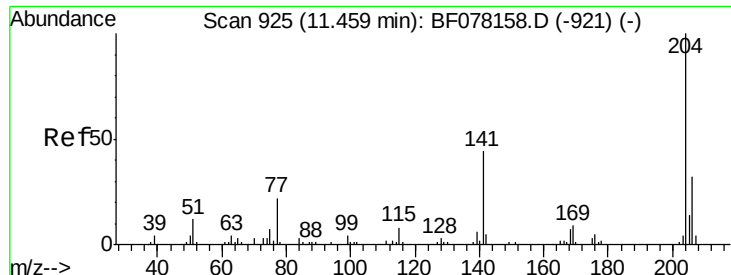
#59
 Diethylphthalate
 Concen: 38.05 ng
 RT: 11.33 min Scan# 914
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion: 149 Resp: 213208
 Ion Ratio Lower Upper
 149 100
 177 22.6 17.4 26.2
 150 11.8 9.4 14.2



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

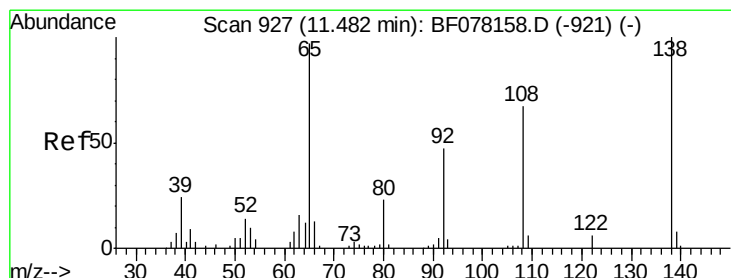
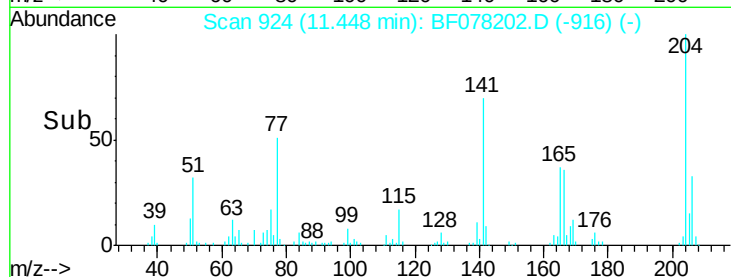
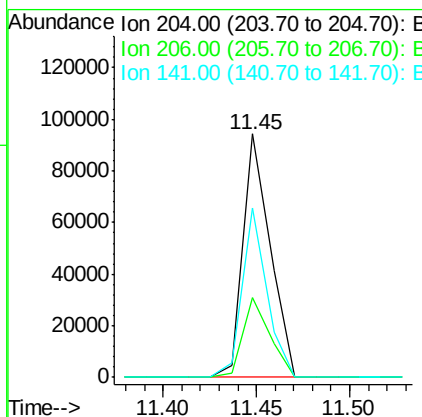
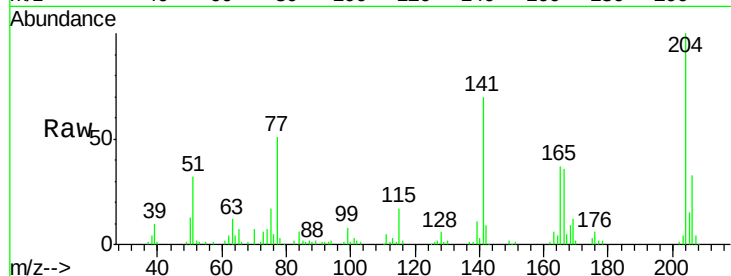




#60
 4-Chlorophenyl-phenylether
 Concen: 37.36 ng
 RT: 11.45 min Scan# 924
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

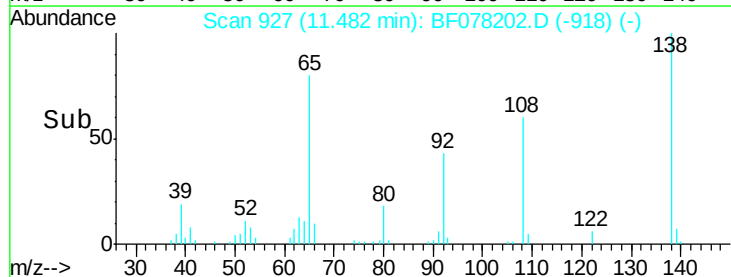
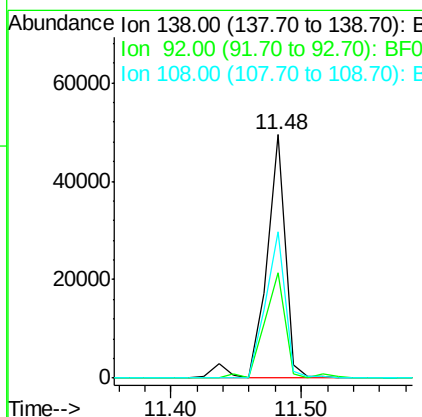
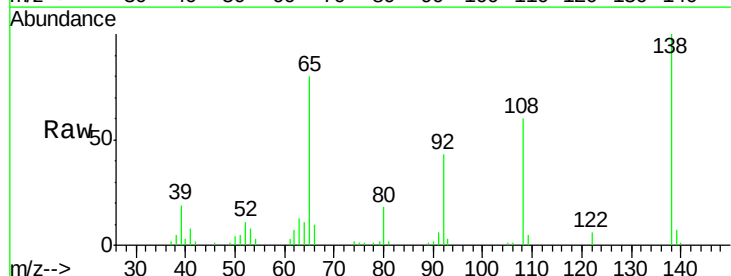
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

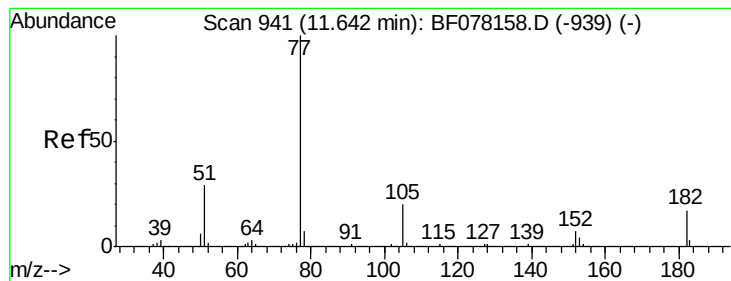
Tgt Ion: 204 Resp: 96289
 Ion Ratio Lower Upper
 204 100
 206 32.6 25.6 38.4
 141 69.7 35.4 53.0#



#61
 4-Nitroaniline
 Concen: 37.02 ng
 RT: 11.48 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion: 138 Resp: 50867
 Ion Ratio Lower Upper
 138 100
 92 43.0 27.3 67.3
 108 60.3 47.2 87.2





#62

Azobenzene

Concen: 39.22 ng

RT: 11.64 min Scan# 941

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion: 77 Resp: 200542

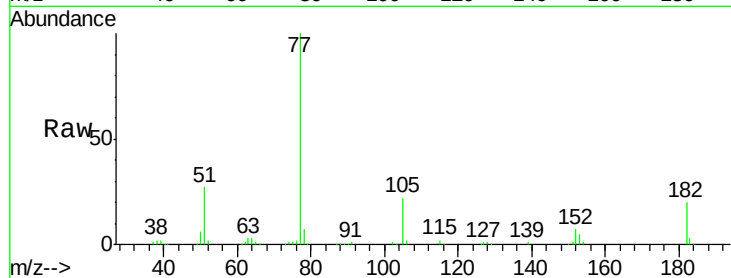
Ion Ratio Lower Upper

77 100

182 20.1 0.0 36.8

105 21.8 0.3 40.3

51 27.3 9.1 49.1

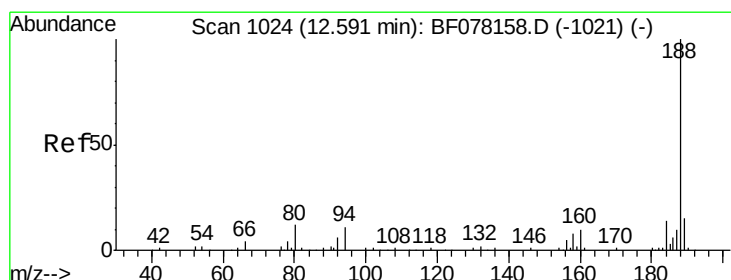
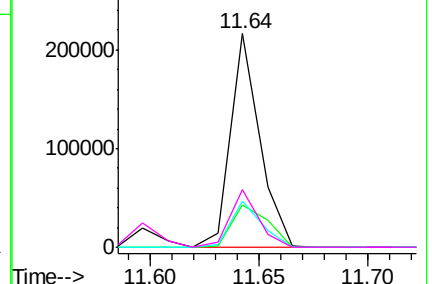
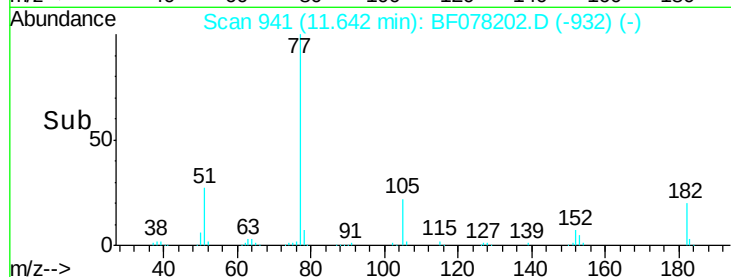


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1024

Delta R.T. 0.00 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

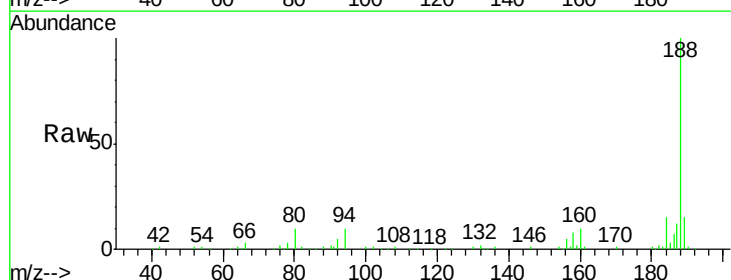
Tgt Ion: 188 Resp: 146820

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

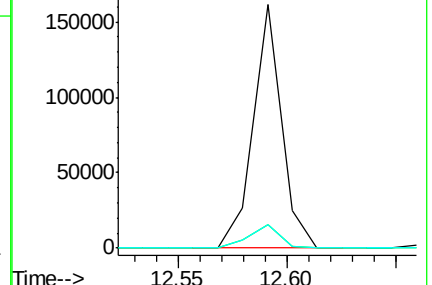
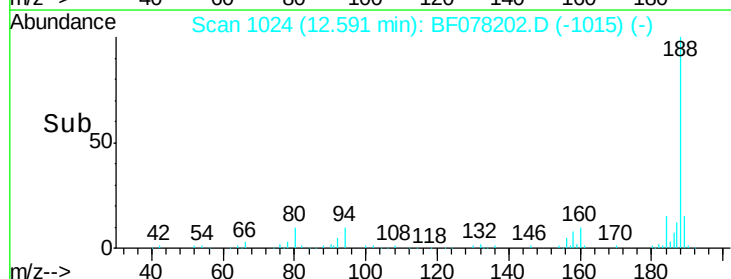
80 9.9 9.5 14.3

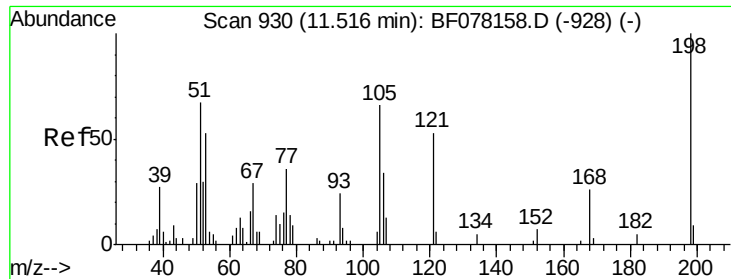


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 33.60 ng

RT: 11.52 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

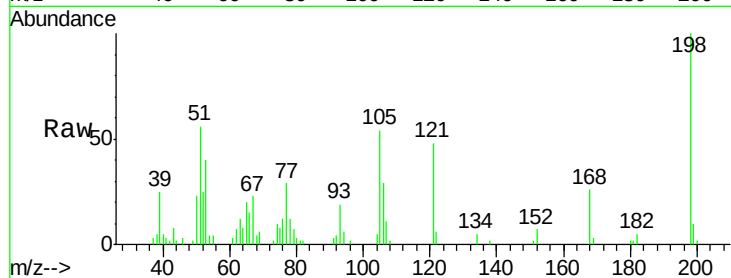
Tgt Ion:198 Resp: 22211

Ion Ratio Lower Upper

198 100

51 55.8 48.6 88.6

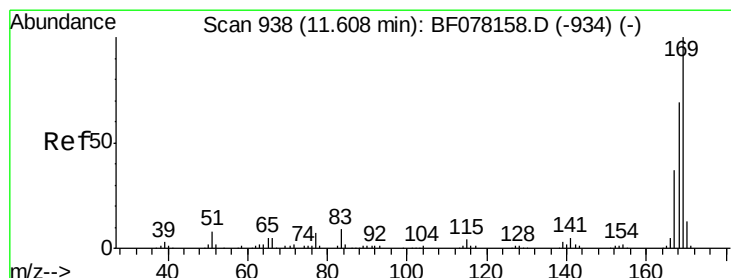
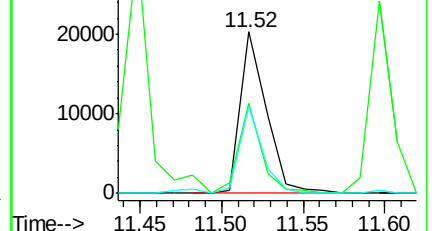
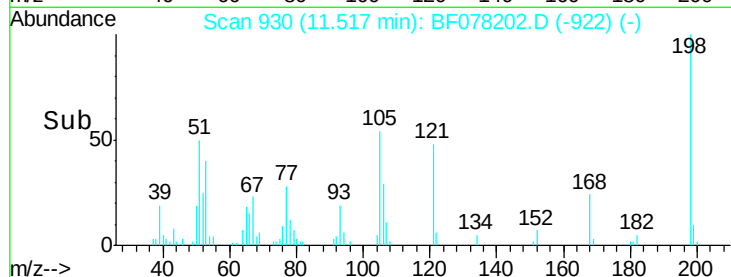
105 54.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#65

n-Nitrosodiphenylamine

Concen: 34.89 ng

RT: 11.60 min Scan# 937

Delta R.T. -0.01 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

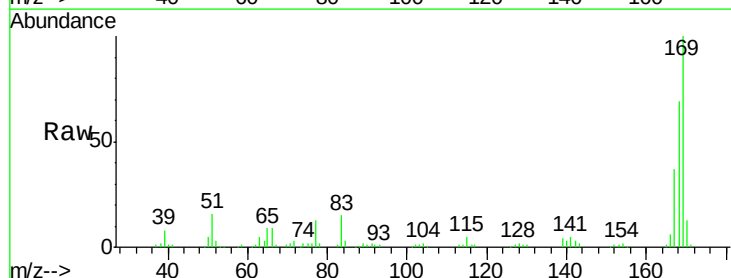
Tgt Ion:169 Resp: 177217

Ion Ratio Lower Upper

169 100

168 68.8 55.0 82.4

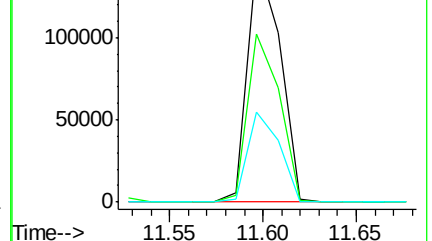
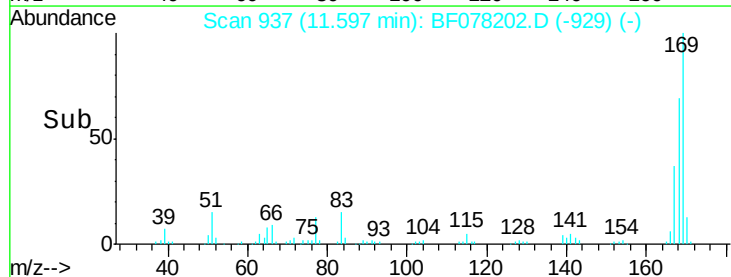
167 36.8 29.3 43.9

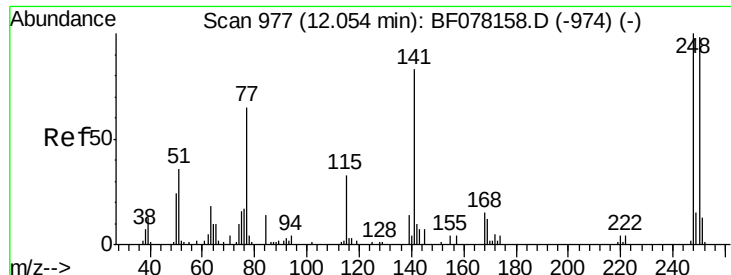


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

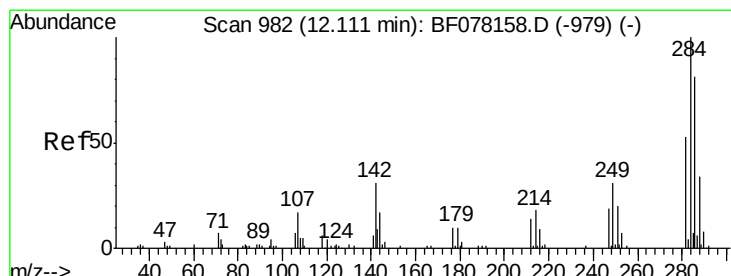
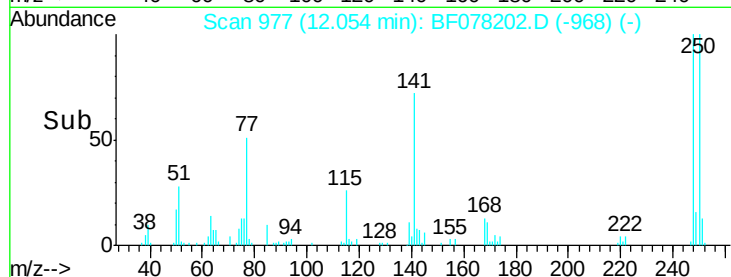
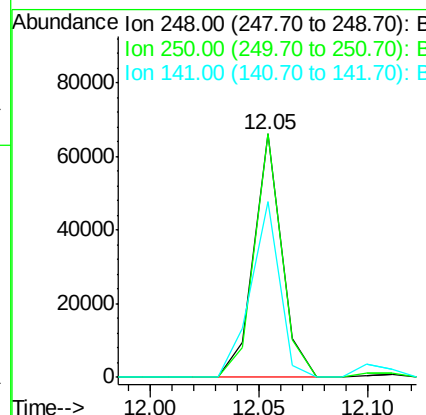
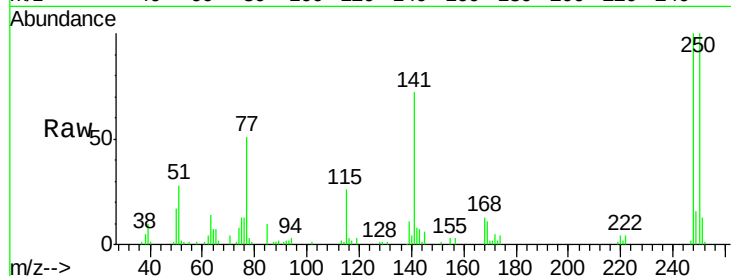




#66
 4-Bromophenyl-phenylether
 Concen: 37.90 ng
 RT: 12.05 min Scan# 977
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

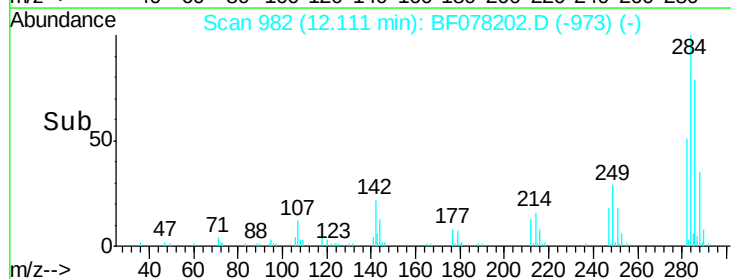
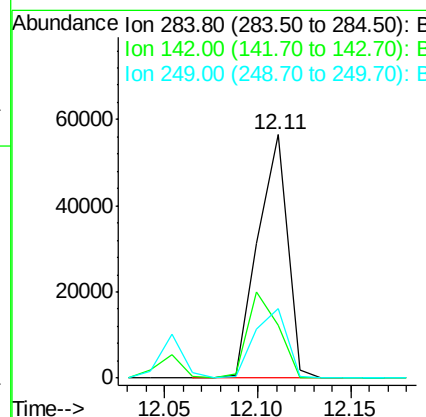
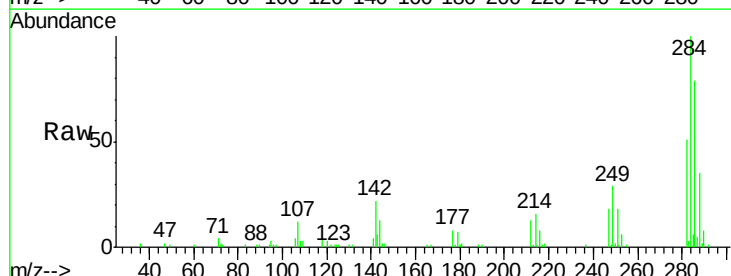
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

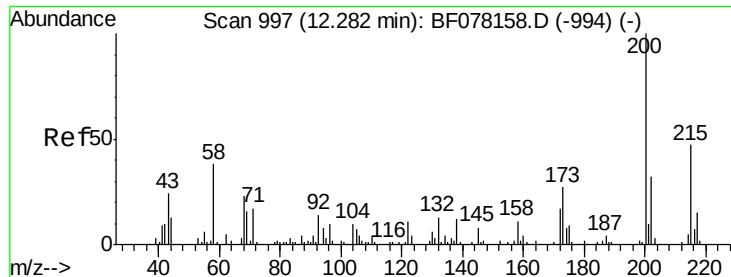
Tgt Ion:248 Resp: 58927
 Ion Ratio Lower Upper
 248 100
 250 99.9 78.2 117.2
 141 72.5 66.4 99.6



#67
 Hexachlorobenzene
 Concen: 36.32 ng
 RT: 12.11 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:284 Resp: 61877
 Ion Ratio Lower Upper
 284 100
 142 21.5 24.5 36.7#
 249 28.6 24.8 37.2

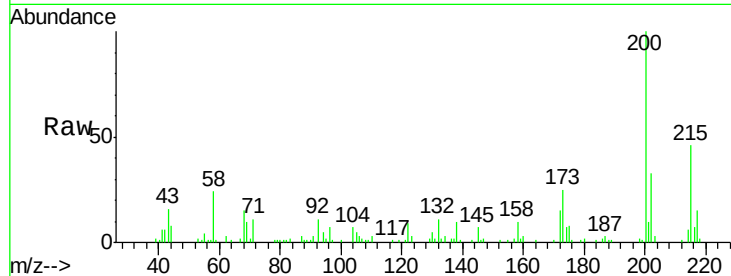




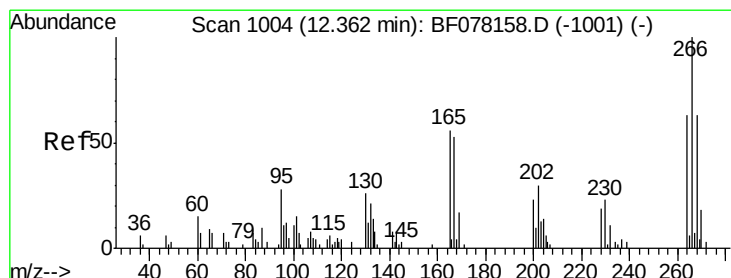
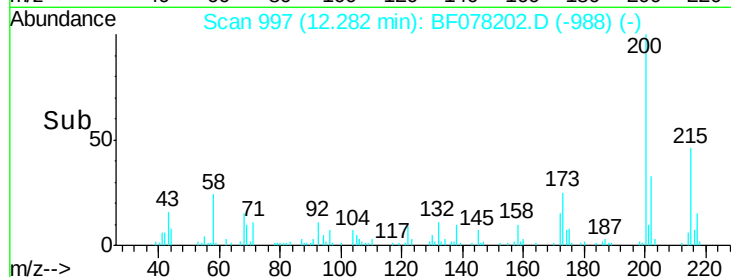
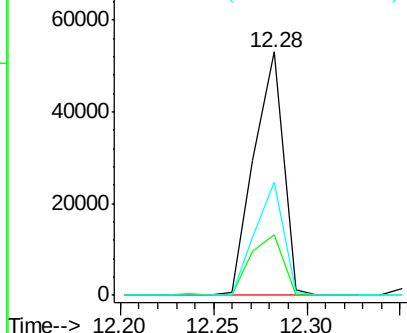
#68
 Atrazine
 Concen: 39.23 ng
 RT: 12.28 min Scan# 997
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:200 Resp: 57703
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.9 46.9
 215 46.3 27.1 67.1

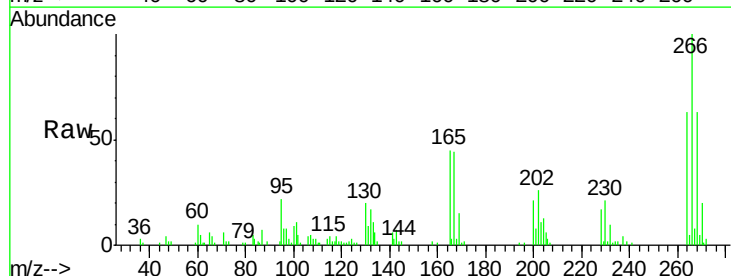


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

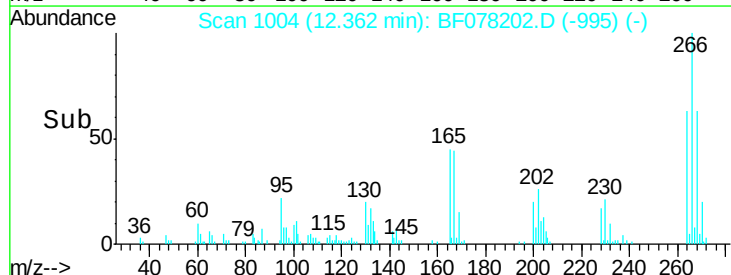
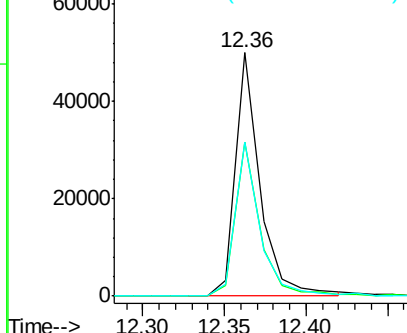


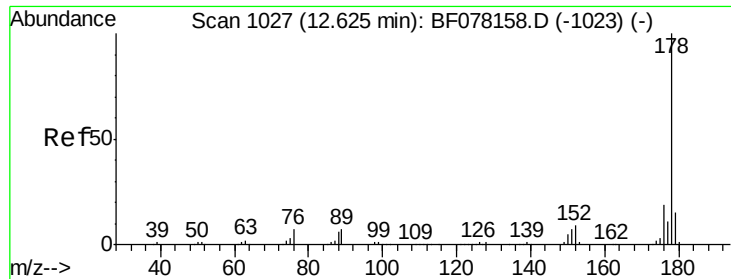
#69
 Pentachlorophenol
 Concen: 69.83 ng
 RT: 12.36 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:266 Resp: 51939
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.1 75.1
 264 63.2 50.0 75.0



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

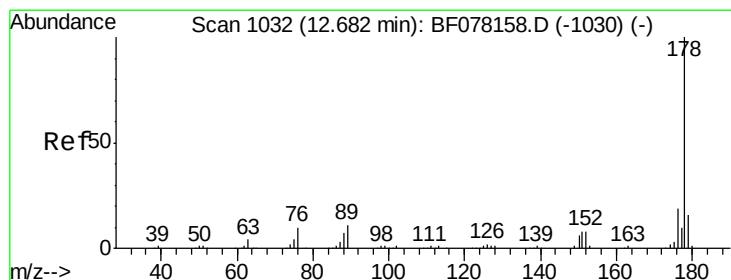
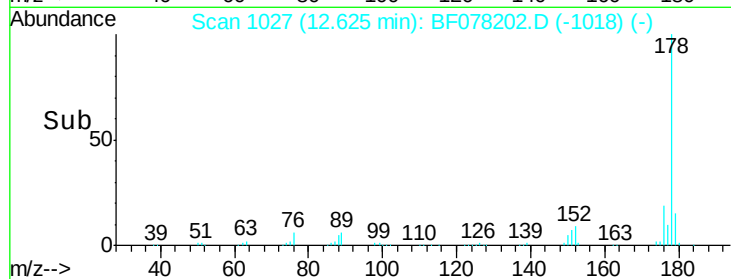
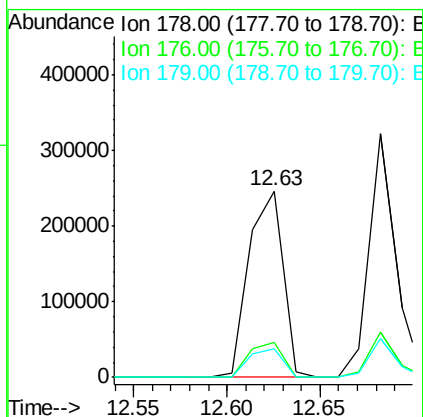
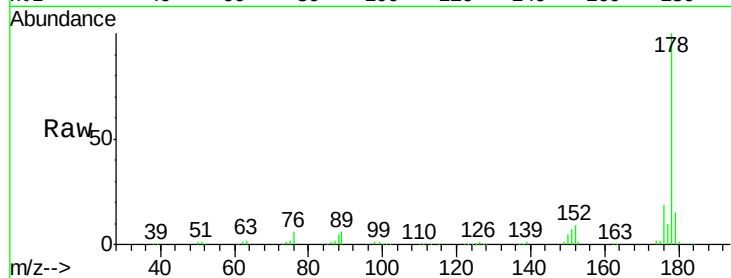




#70
Phenanthrene
Concen: 36.65 ng
RT: 12.63 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

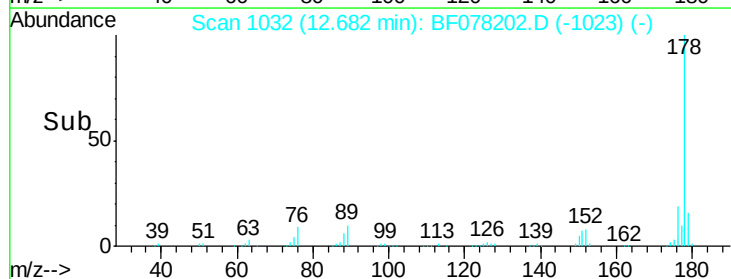
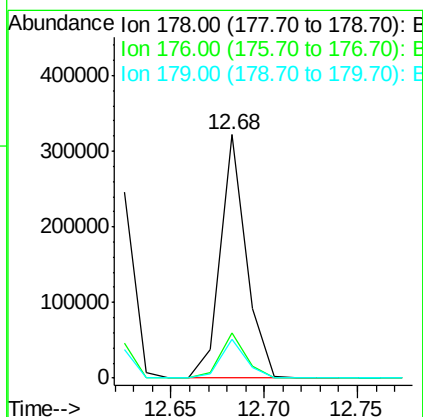
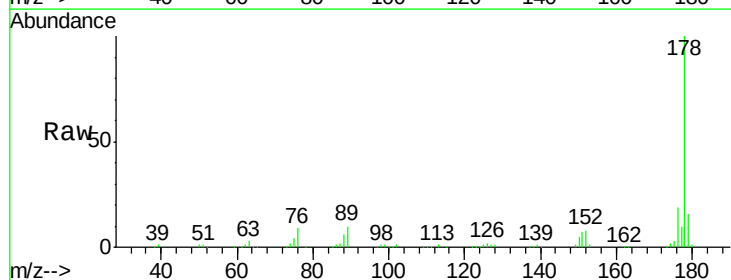
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

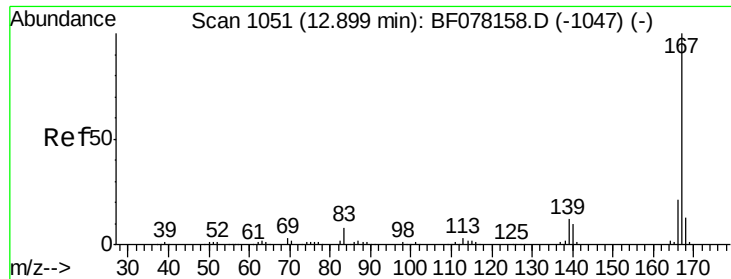
Tgt Ion:178 Resp: 311268
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.2 18.2



#71
Anthracene
Concen: 37.35 ng
RT: 12.68 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion:178 Resp: 312564
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.8 12.4 18.6

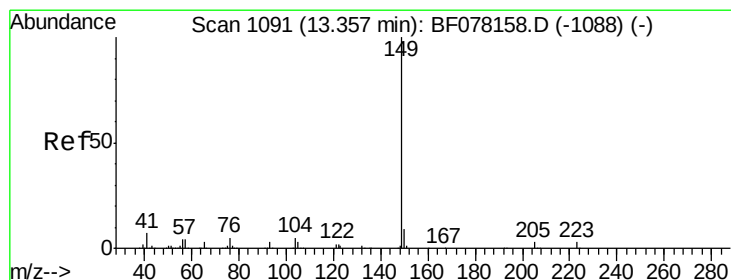
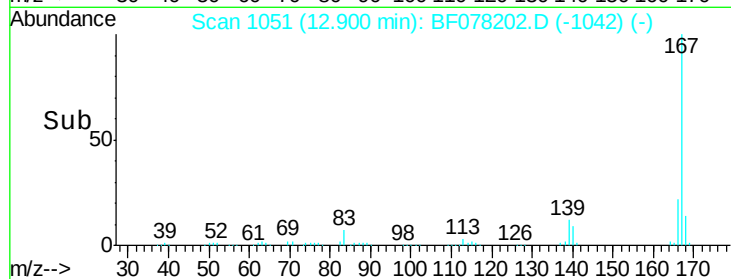
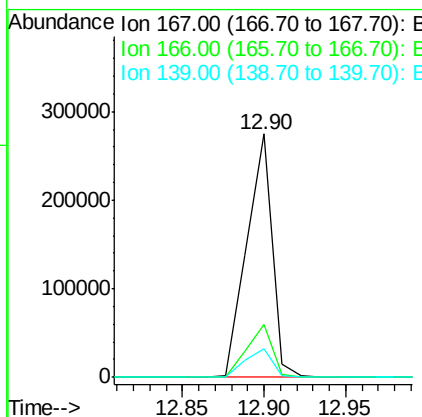
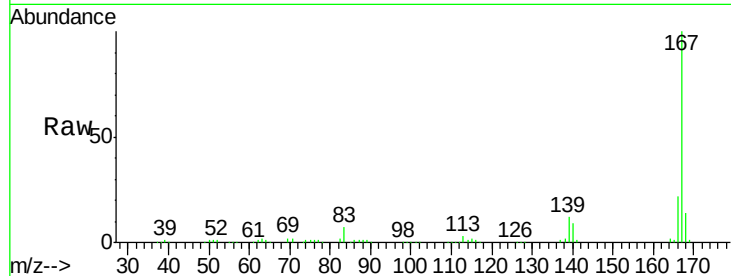




#72
 Carbazole
 Concen: 37.69 ng
 RT: 12.90 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

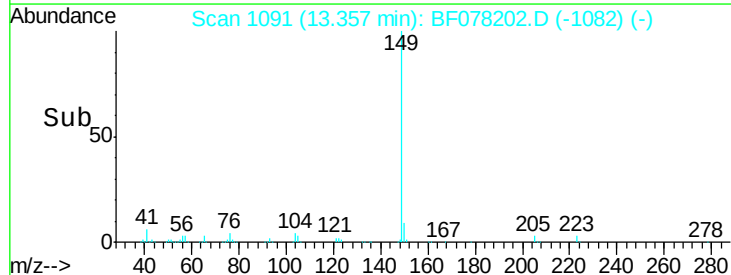
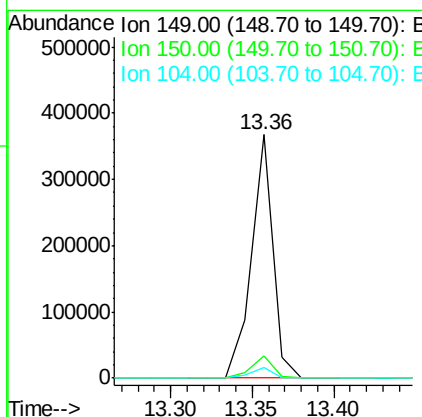
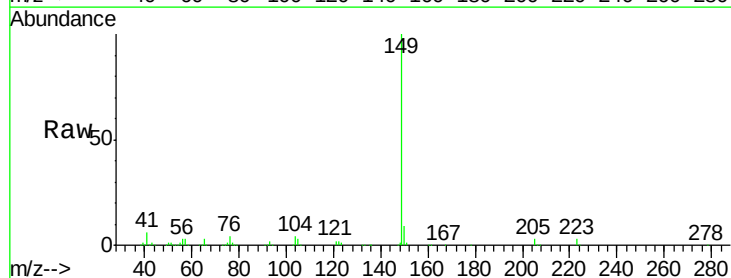
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

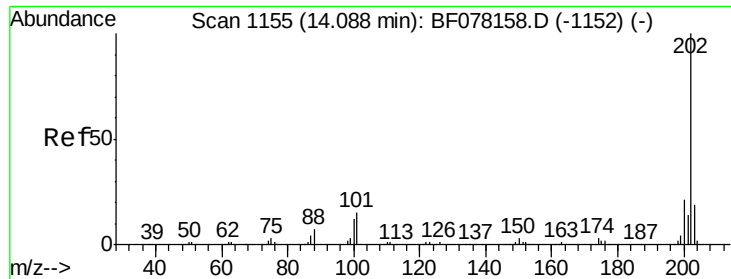
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	16.8	25.2
139	11.9	10.0	15.0



#73
 Di-n-butylphthalate
 Concen: 37.65 ng
 RT: 13.36 min Scan# 1091
 Delta R.T. 0.00 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.1	10.7
104	4.5	3.8	5.6

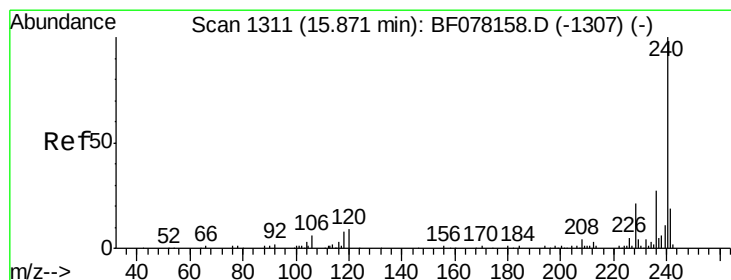
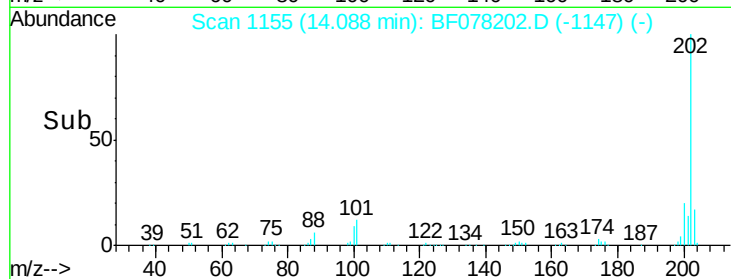
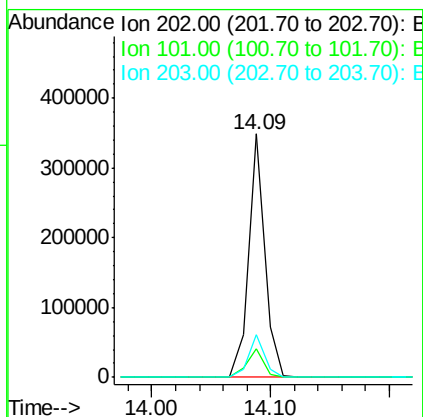
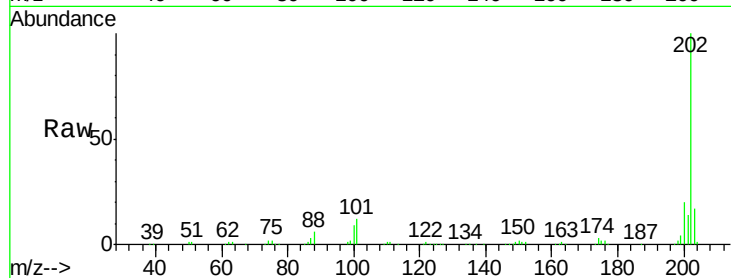




#74
 Fluoranthene
 Concen: 37.36 ng
 RT: 14.09 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

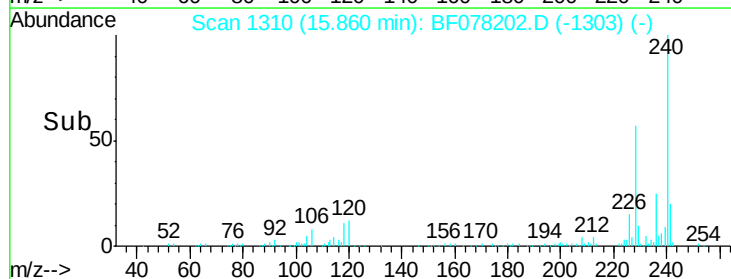
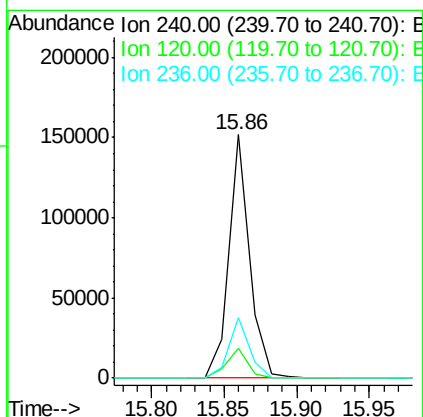
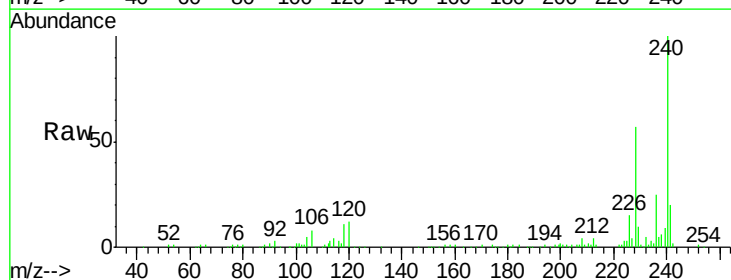
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

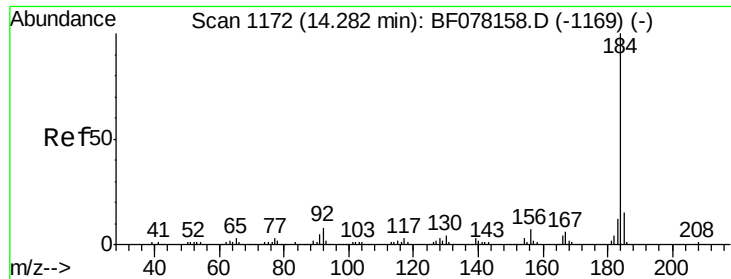
Tgt Ion: 202 Resp: 334588
 Ion Ratio Lower Upper
 202 100
 101 11.8 0.0 35.2
 203 17.4 0.0 38.5



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.86 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion: 240 Resp: 151100
 Ion Ratio Lower Upper
 240 100
 120 12.1 7.1 10.7#
 236 24.9 21.4 32.2

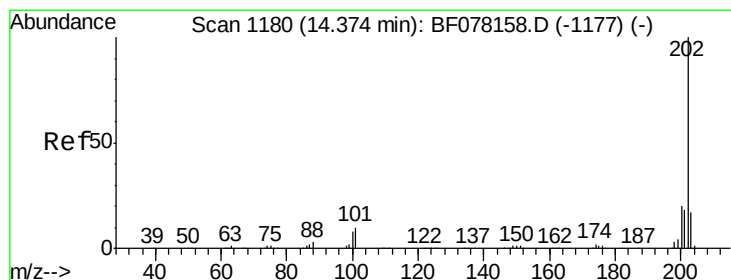
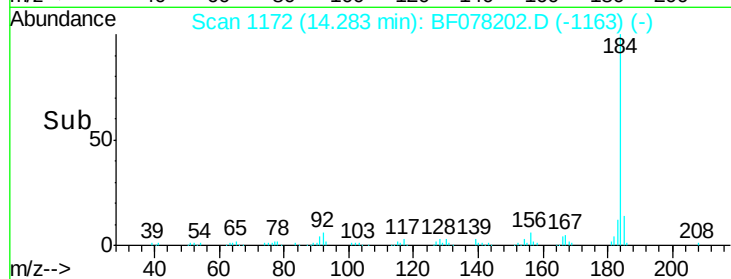
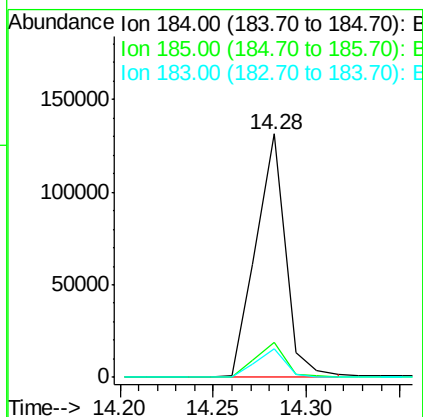
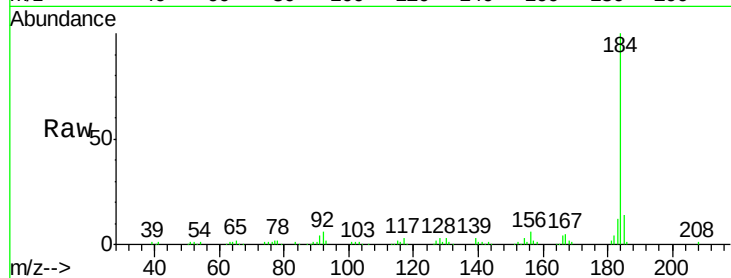




#76
Benzidine
Concen: 24.96 ng
RT: 14.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

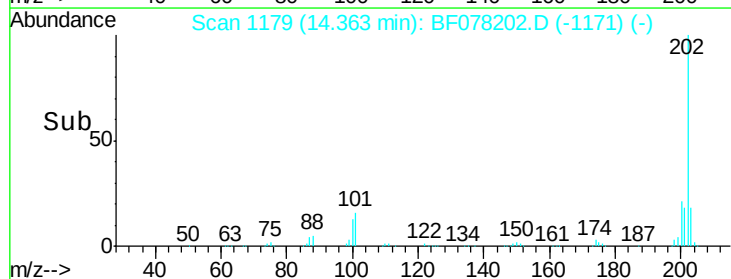
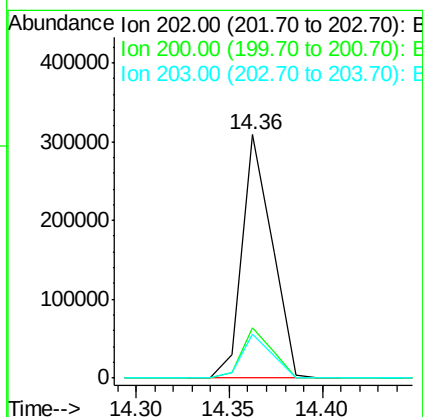
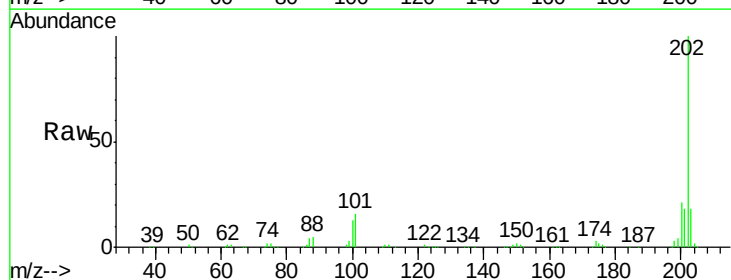
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

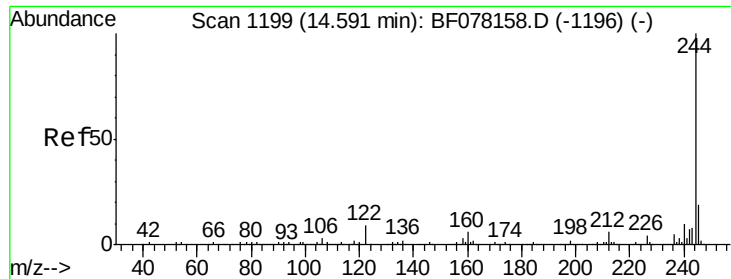
Tgt Ion:184 Resp: 145227
Ion Ratio Lower Upper
184 100
185 14.4 12.2 18.2
183 11.6 9.5 14.3



#77
Pyrene
Concen: 36.45 ng
RT: 14.36 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion:202 Resp: 345724
Ion Ratio Lower Upper
202 100
200 20.9 16.3 24.5
203 18.1 13.8 20.6

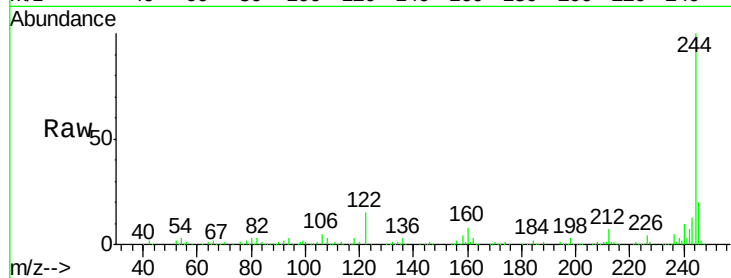




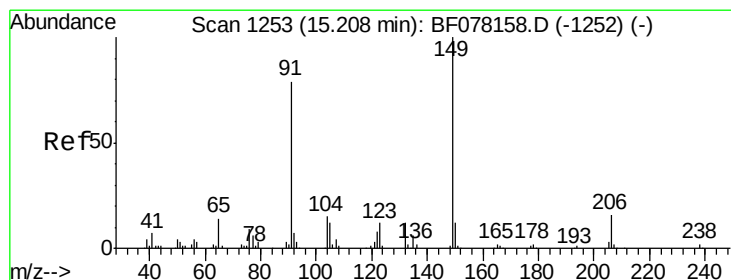
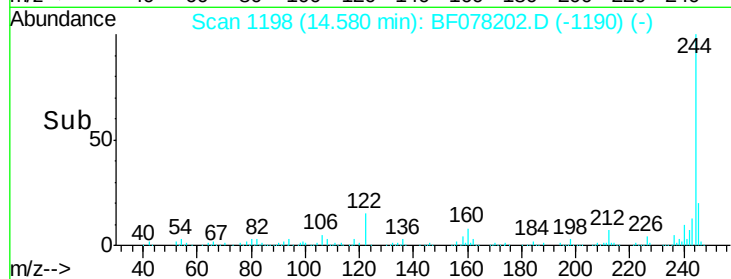
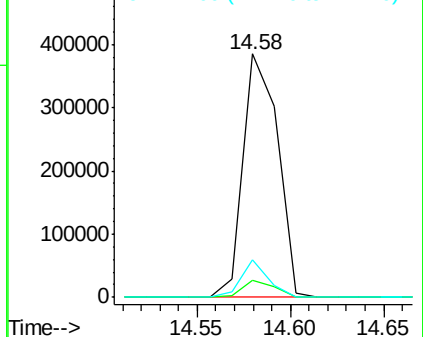
#78
 Terphenyl-d14
 Concen: 74.20 ng
 RT: 14.58 min Scan# 1198
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:244 Resp: 496132
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.0 7.4
 122 15.2 7.1 10.7#

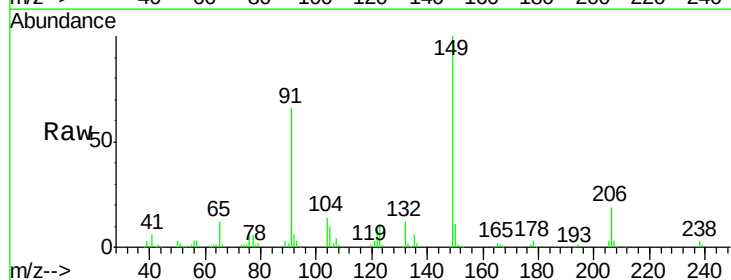


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

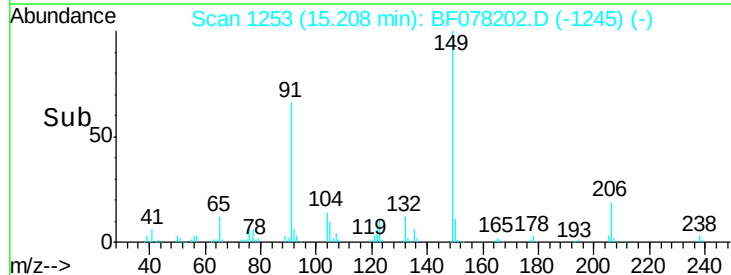
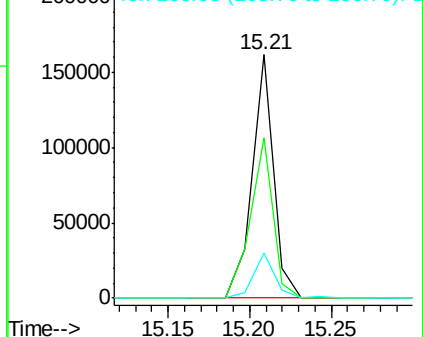


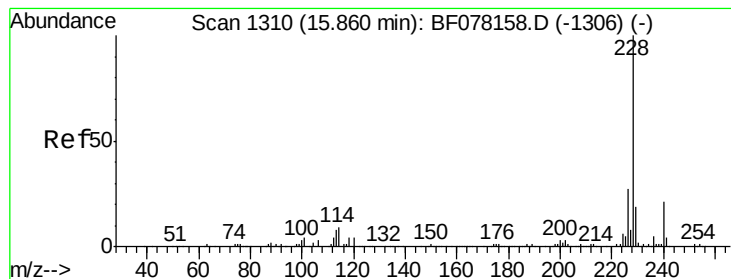
#79
 Butylbenzylphthalate
 Concen: 40.80 ng
 RT: 15.21 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF078202.D
 Acq: 2 Apr 2015 16:24

Tgt Ion:149 Resp: 147496
 Ion Ratio Lower Upper
 149 100
 91 66.0 64.2 96.2
 206 18.7 12.6 18.8



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





#80

Benzo(a)anthracene

Concen: 36.28 ng

RT: 15.85 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

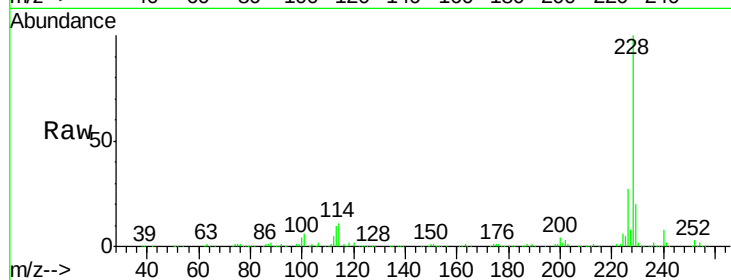
Tgt Ion:228 Resp: 326183

Ion Ratio Lower Upper

228 100

226 27.1 21.3 31.9

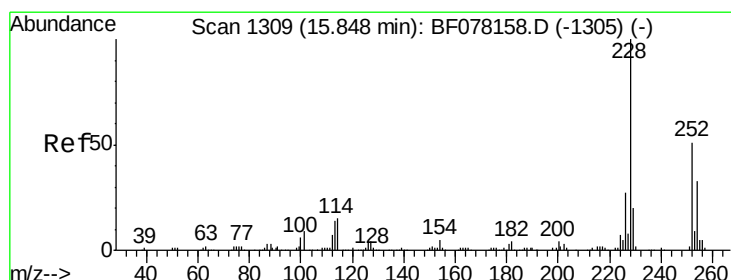
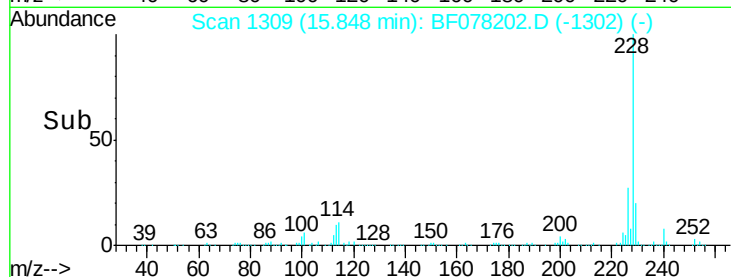
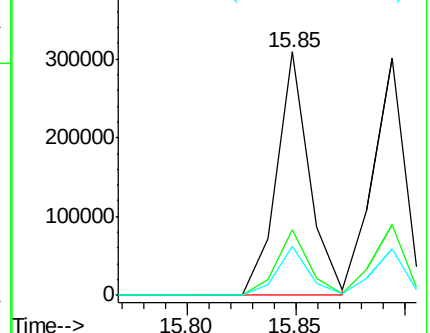
229 20.0 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 19.61 ng

RT: 15.84 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

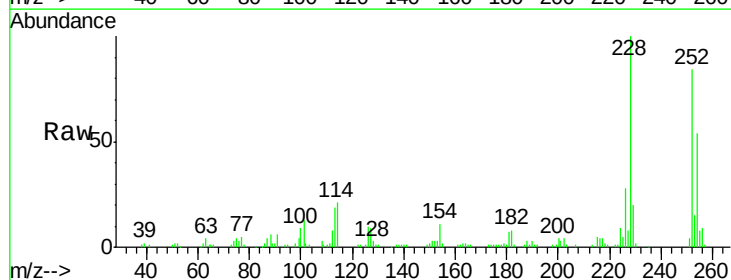
Tgt Ion:252 Resp: 59035

Ion Ratio Lower Upper

252 100

254 64.8 51.2 76.8

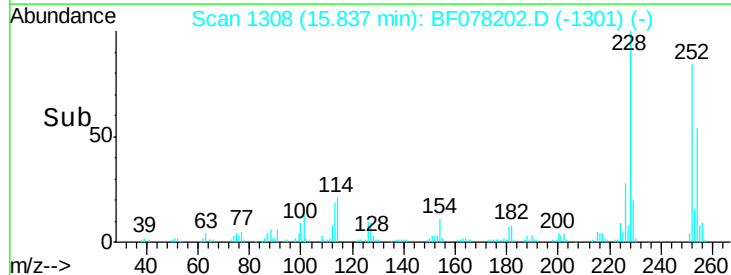
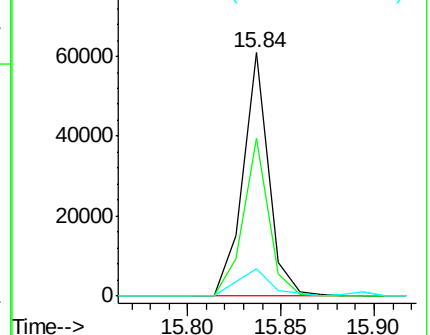
126 11.4 6.3 9.5#

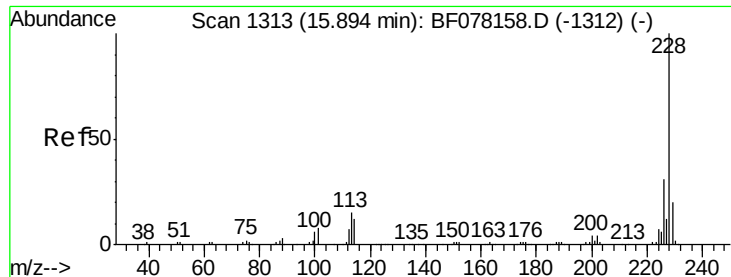


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 36.51 ng

RT: 15.89 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

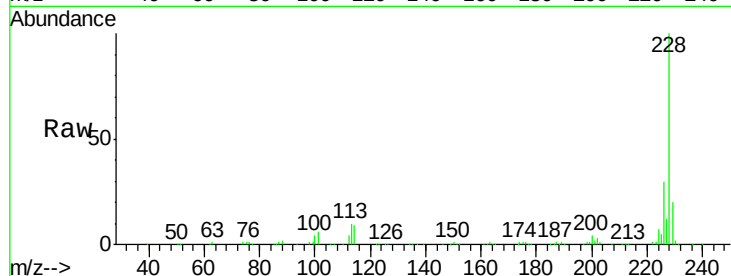
Tgt Ion:228 Resp: 308368

Ion Ratio Lower Upper

228 100

226 29.7 24.2 36.4

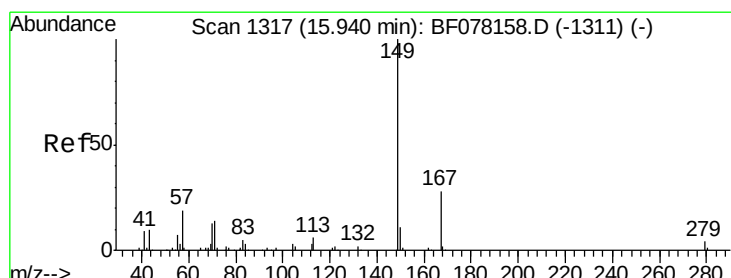
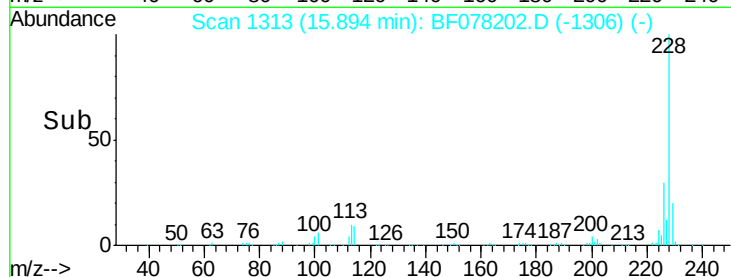
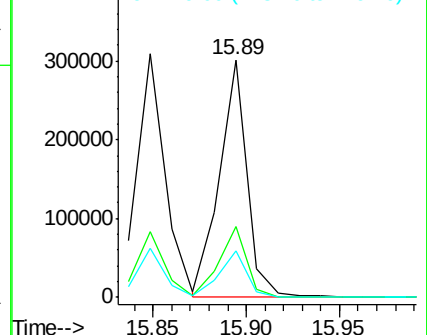
229 19.7 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 39.23 ng

RT: 15.93 min Scan# 1316

Delta R.T. -0.02 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

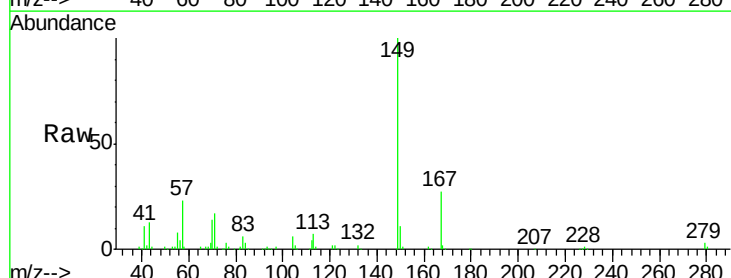
Tgt Ion:149 Resp: 222455

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

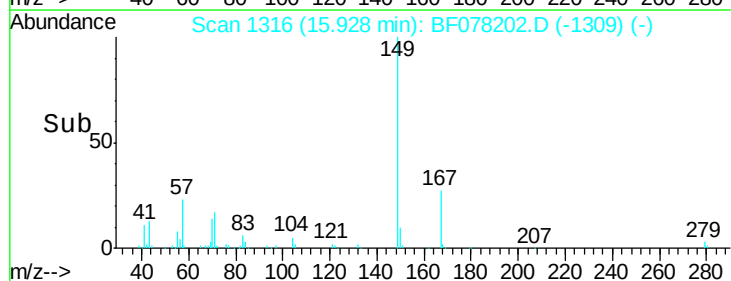
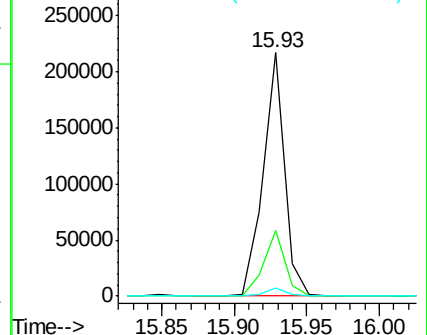
279 3.3 3.2 4.8

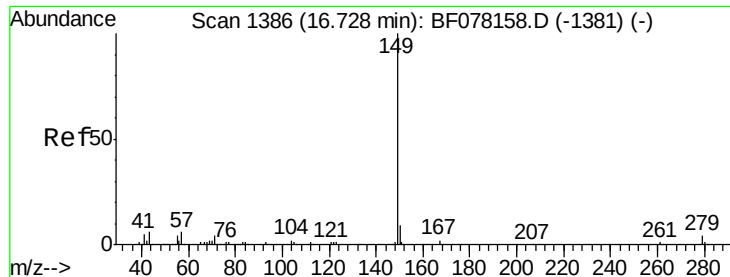


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 40.40 ng

RT: 16.71 min Scan# 1384

Delta R.T. -0.07 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

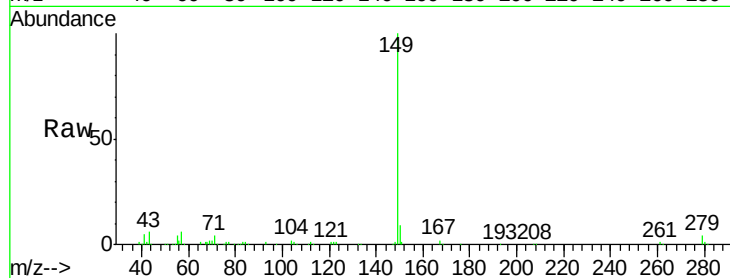
Tgt Ion:149 Resp: 376166

Ion Ratio Lower Upper

149 100

167 1.4 0.0 0.0#

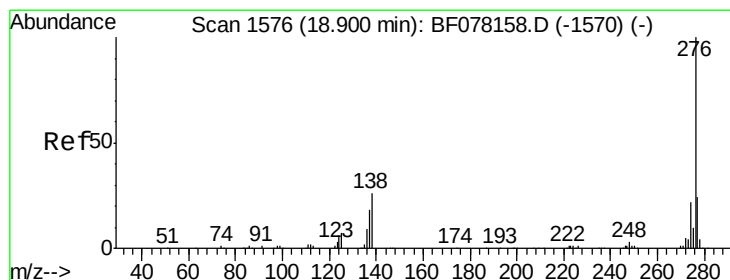
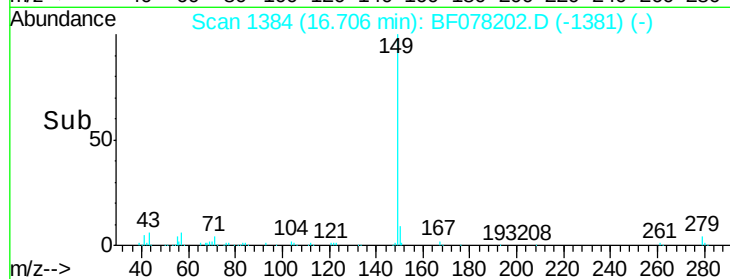
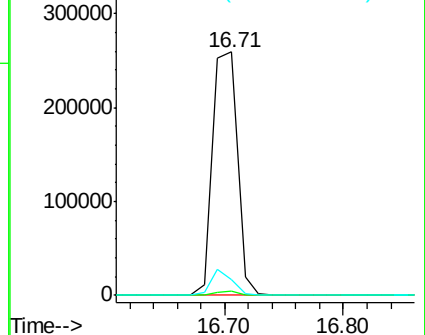
43 9.2 0.0 0.0#



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: 36.10 ng

RT: 18.84 min Scan# 1571

Delta R.T. -0.17 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

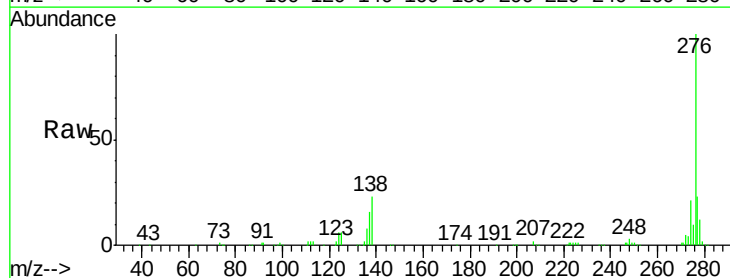
Tgt Ion:276 Resp: 346020

Ion Ratio Lower Upper

276 100

138 29.3 16.9 25.3#

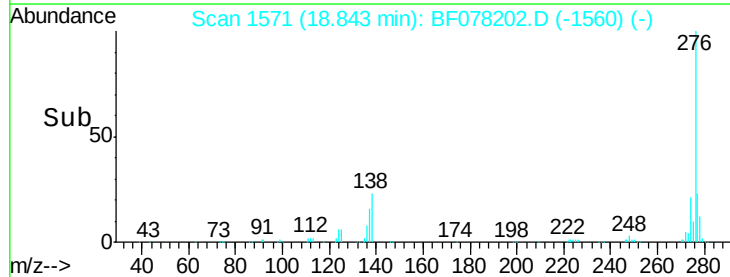
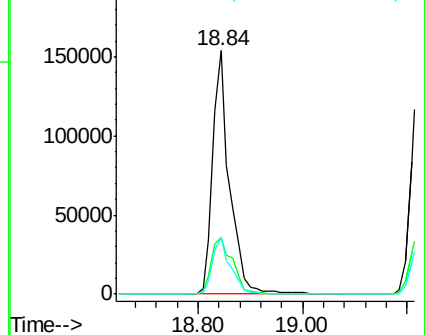
277 24.8 15.8 23.6#

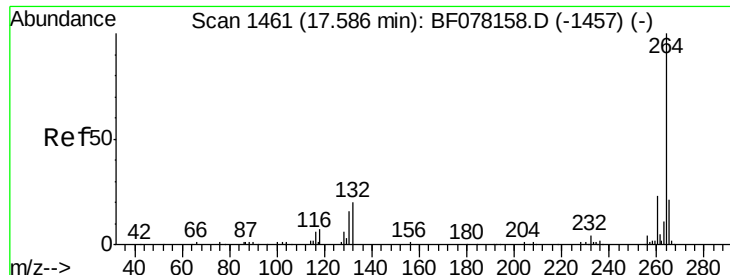


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

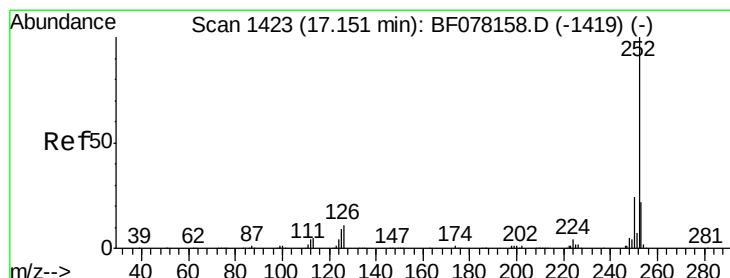
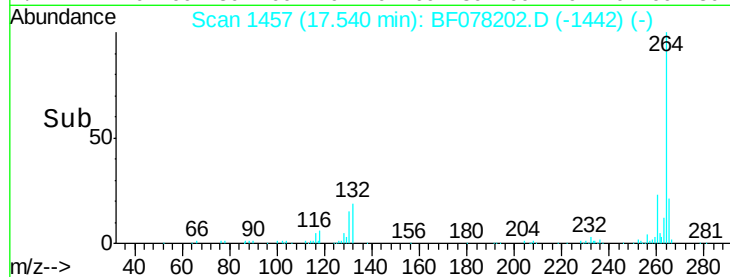
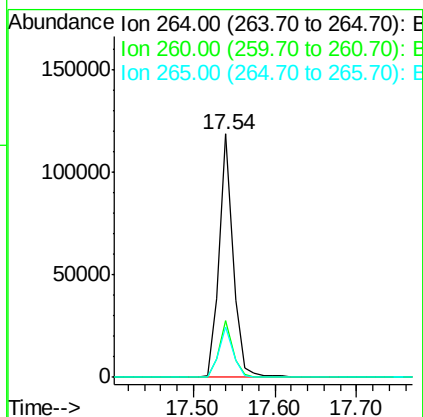
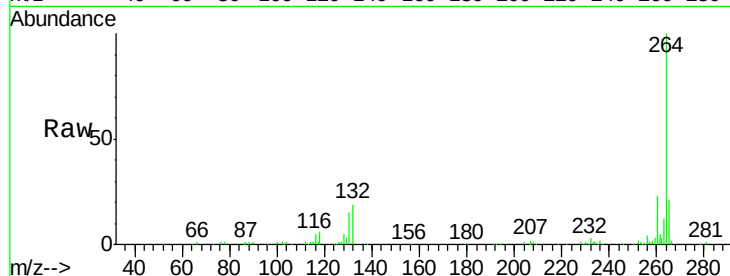




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.54 min Scan# 1457
Delta R.T. -0.13 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

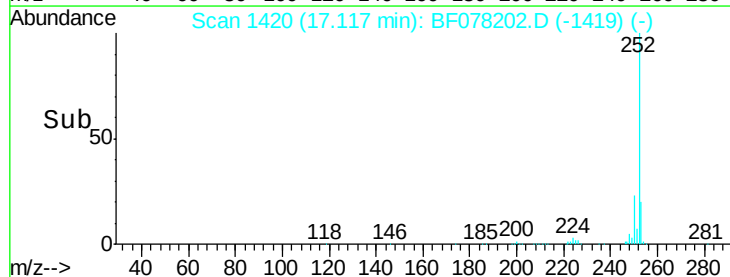
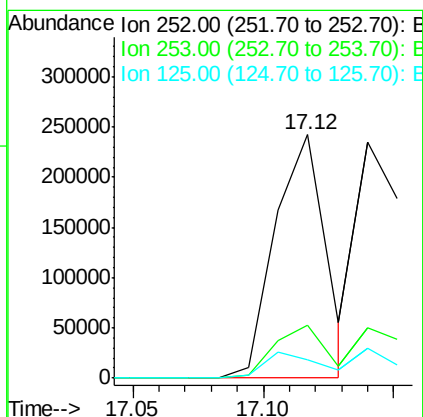
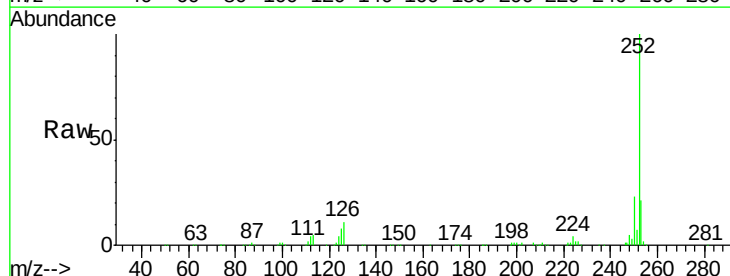
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

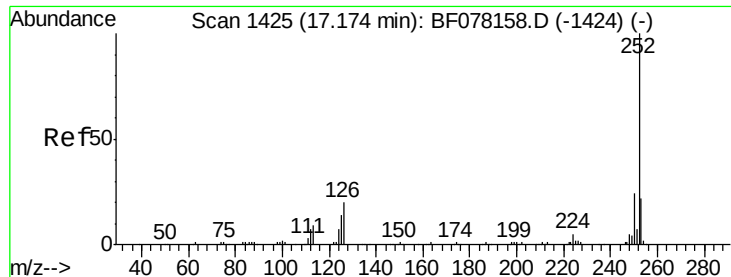
Tgt Ion:264 Resp: 140959
Ion Ratio Lower Upper
264 100
260 23.2 18.6 27.8
265 20.8 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 37.40 ng
RT: 17.12 min Scan# 1420
Delta R.T. -0.09 min
Lab File: BF078202.D
Acq: 2 Apr 2015 16:24

Tgt Ion:252 Resp: 325780
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 7.8 7.0 10.4





#88

Benzo(k)fluoranthene

Concen: 42.08 ng

RT: 17.12 min Scan# 1420

Delta R.T. -0.13 min

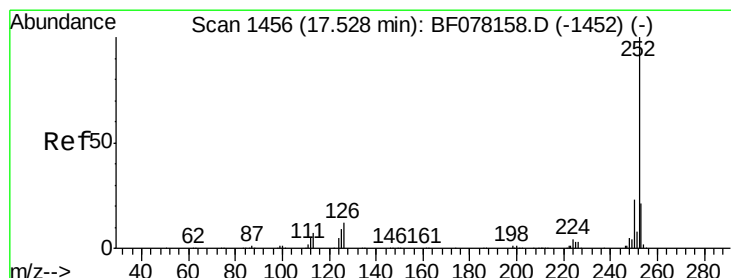
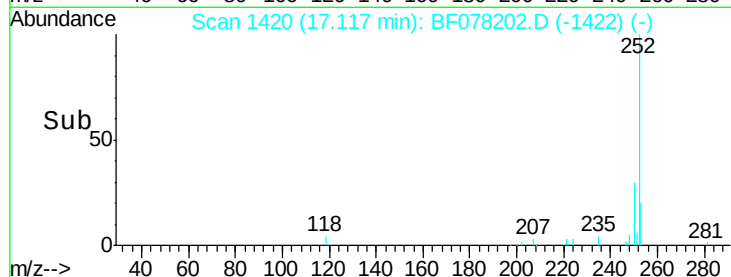
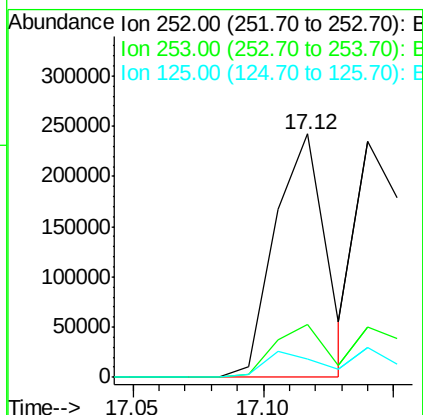
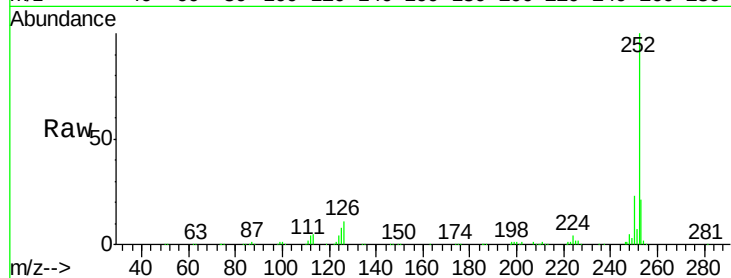
Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion: 252 Resp: 325780

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	7.8	11.6	17.4#



#89

Benzo(a)pyrene

Concen: 40.35 ng

RT: 17.48 min Scan# 1452

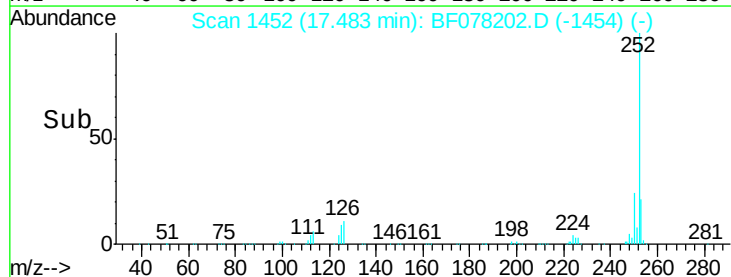
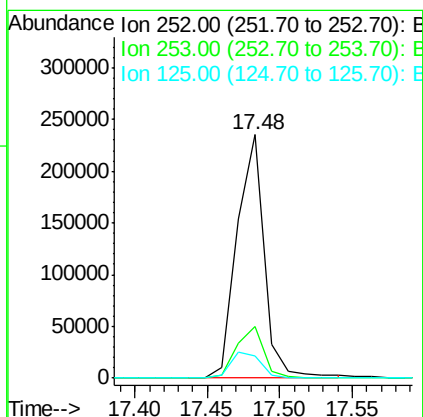
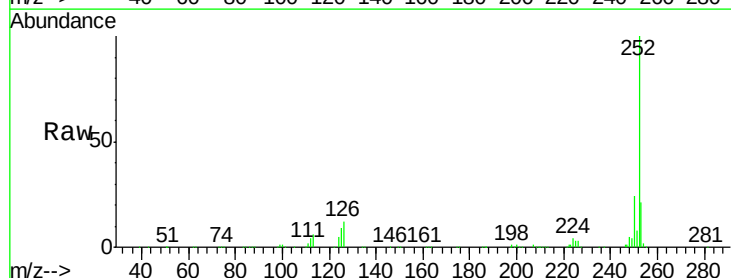
Delta R.T. -0.13 min

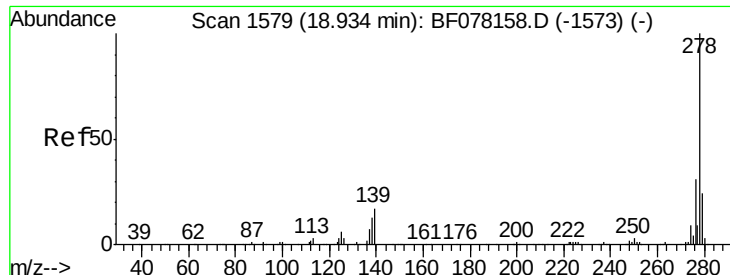
Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Tgt Ion: 252 Resp: 306757

Ion	Ratio	Lower	Upper
252	100		
253	20.9	16.8	25.2
125	9.3	7.4	11.0





#90

Dibenzo(a,h)anthracene

Concen: 35.71 ng

RT: 18.87 min Scan# 1573

Delta R.T. -0.18 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

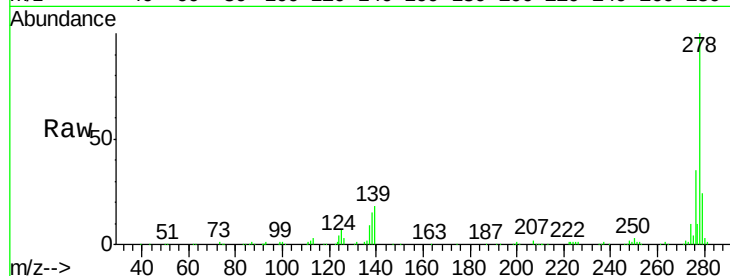
Tgt Ion:278 Resp: 271858

Ion Ratio Lower Upper

278 100

139 18.3 13.6 20.4

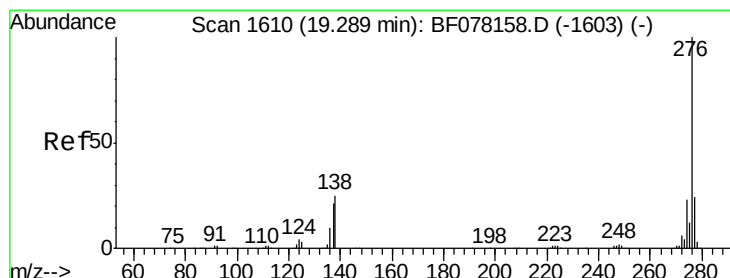
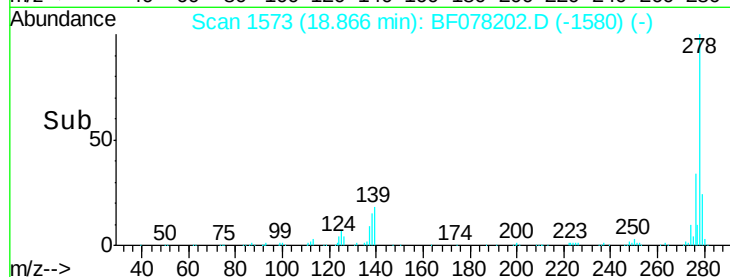
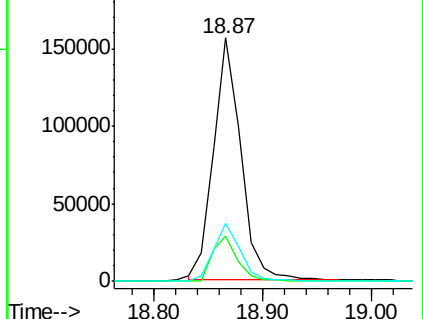
279 23.6 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 36.65 ng

RT: 19.22 min Scan# 1604

Delta R.T. -0.18 min

Lab File: BF078202.D

Acq: 2 Apr 2015 16:24

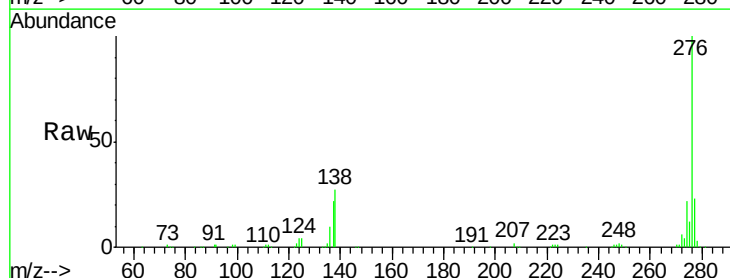
Tgt Ion:276 Resp: 279731

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 26.9 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

