

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040715\
 Data File : BF078301.D
 Acq On : 7 Apr 2015 16:41
 Operator : TP/IZ
 Sample : PB82574BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Quant Time: Apr 08 01:18:37 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 08 01:52:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	31528	20.00	ng	0.00
21) Naphthalene-d8	8.51	136	130601	20.00	ng	0.00
38) Acenaphthene-d10	10.67	164	66402	20.00	ng	0.00
63) Phenanthrene-d10	12.50	188	129313	20.00	ng	0.00
75) Chrysene-d12	15.77	240	134919	20.00	ng	-0.01
86) Perylene-d12	17.48	264	131630	20.00	ng	-0.08

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	272910	142.72	ng	0.01
7) Phenol-d6	6.53	99	351967	146.87	ng	0.00
23) Nitrobenzene-d5	7.63	82	196986	91.42	ng	0.00
41) 2,4,6-Tribromophenol	11.65	330	86587	157.23	ng	0.00
44) 2-Fluorobiphenyl	9.86	172	421079	90.64	ng	0.00
78) Terphenyl-d14	14.50	244	522432	87.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.77	88	33190	38.38	ng	97
3) Pyridine	2.37	79	107018	47.25	ng	93
4) n-Nitrosodimethylamine	2.32	42	39159	44.91	ng	94
6) Aniline	6.52	93	67044	19.73	ng	98
8) 2-Chlorophenol	6.67	128	103373	45.72	ng	93
9) Benzaldehyde	6.37	77	40817	25.70	ng	98
10) Phenol	6.54	94	130028	45.28	ng	98
11) bis(2-Chloroethyl)ether	6.64	93	98194	47.55	ng	95
12) 1,3-Dichlorobenzene	6.85	146	110534	44.50	ng	# 93
13) 1,4-Dichlorobenzene	6.96	146	109933	43.97	ng	94
14) 1,2-Dichlorobenzene	7.14	146	105017	44.80	ng	95
15) Benzyl Alcohol	7.13	79	80010	47.51	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.31	45	127594	46.32	ng	98
17) 2-Methylphenol	7.29	107	78808	44.89	ng	96
18) Hexachloroethane	7.55	117	38907	46.15	ng	# 84
19) n-Nitroso-di-n-propylamine	7.46	70	69068	43.68	ng	# 85
20) 3+4-Methylphenols	7.49	107	109746	46.86	ng	91
22) Acetophenone	7.45	105	141759	46.59	ng	# 90
24) Nitrobenzene	7.65	77	103965	46.16	ng	# 86
25) Isophorone	7.96	82	186074	45.50	ng	98
26) 2-Nitrophenol	8.05	139	49044	45.69	ng	93
27) 2,4-Dimethylphenol	8.13	122	91934	46.06	ng	96
28) bis(2-Chloroethoxy)methane	8.25	93	119620	45.62	ng	99
29) 2,4-Dichlorophenol	8.35	162	84530	46.55	ng	87
30) 1,2,4-Trichlorobenzene	8.44	180	90547	43.49	ng	95
31) Naphthalene	8.53	128	300178	44.16	ng	99
32) Benzoic acid	8.27	122	55492	57.78	ng	95
33) 4-Chloroaniline	8.62	127	61048	21.64	ng	97
34) Hexachlorobutadiene	8.69	225	50402	44.09	ng	98
35) Caprolactam	9.05	113	26941	49.70	ng	97
36) 4-Chloro-3-methylphenol	9.25	107	85589	46.71	ng	# 77
37) 2-Methylnaphthalene	9.39	142	202171	43.81	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.60	216	85851	41.73	ng	97
40) Hexachlorocyclopentadiene	9.58	237	85810	95.44	ng	97

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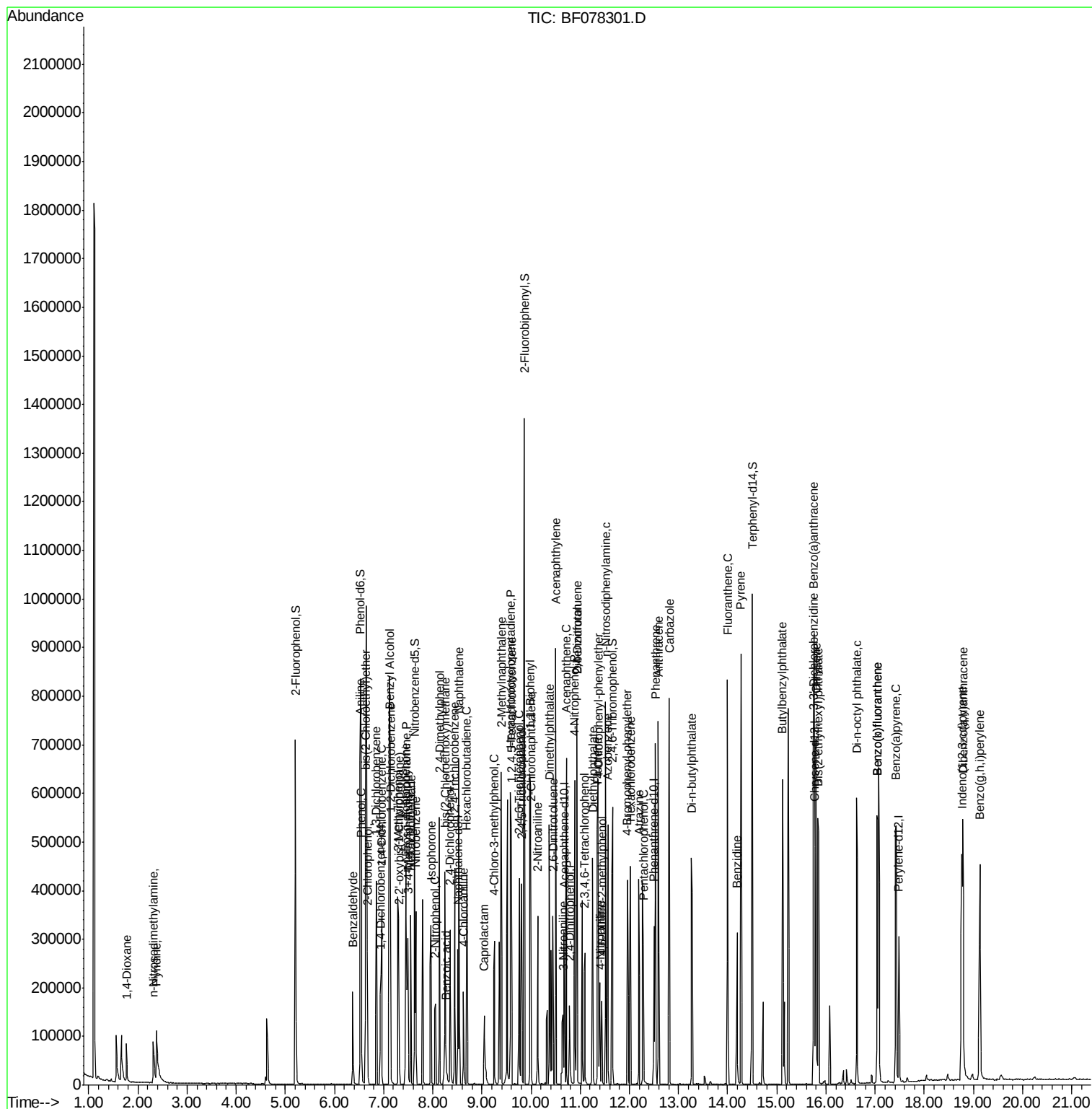
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

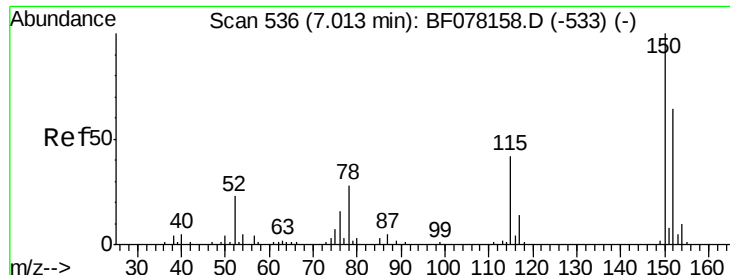
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.76	196	62673	48.30	ng	98
43) 2,4,5-Trichlorophenol	9.80	196	65025	47.97	ng	94
45) 1,1'-Biphenyl	9.97	154	239907	44.17	ng	97
46) 2-Chloronaphthalene	10.00	162	189987	44.46	ng	95
47) 2-Nitroaniline	10.13	65	53478	50.58	ng	# 82
48) Acenaphthylene	10.50	152	308475	44.70	ng	100
49) Dimethylphthalate	10.37	163	222673	44.64	ng	98
50) 2,6-Dinitrotoluene	10.44	165	46797	45.59	ng	# 52
51) Acenaphthene	10.72	154	181243	46.65	ng	98
52) 3-Nitroaniline	10.65	138	34358	29.44	ng	90
53) 2,4-Dinitrophenol	10.78	184	30979	78.39	ng	# 84
54) Dibenzofuran	10.93	168	280822	47.32	ng	93
55) 4-Nitrophenol	10.89	139	80413	93.11	ng	86
56) 2,4-Dinitrotoluene	10.93	165	64998	48.90	ng	# 56
57) Fluorene	11.34	166	220247	45.79	ng	98
58) 2,3,4,6-Tetrachlorophenol	11.09	232	51428	51.17	ng	98
59) Diethylphthalate	11.25	149	228638	47.53	ng	98
60) 4-Chlorophenyl-phenylether	11.37	204	104180	47.08	ng	# 87
61) 4-Nitroaniline	11.40	138	51038	43.26	ng	90
62) Azobenzene	11.56	77	237591	54.12	ng	88
64) 4,6-Dinitro-2-methylphenol	11.44	198	25655	41.40	ng	# 71
65) n-Nitrosodiphenylamine	11.52	169	196154	43.85	ng	98
66) 4-Bromophenyl-phenylether	11.96	248	61203	44.69	ng	# 88
67) Hexachlorobenzene	12.02	284	66354	44.22	ng	98
68) Atrazine	12.19	200	63373	48.92	ng	95
69) Pentachlorophenol	12.28	266	65583	96.75	ng	98
70) Phenanthrene	12.53	178	336442	44.98	ng	99
71) Anthracene	12.59	178	330339	44.82	ng	100
72) Carbazole	12.81	167	325825	47.17	ng	99
73) Di-n-butylphthalate	13.27	149	365523	46.71	ng	99
74) Fluoranthene	14.00	202	368409	46.70	ng	94
76) Benzidine	14.19	184	139083	26.77	ng	98
77) Pyrene	14.27	202	382721	45.19	ng	98
79) Butylbenzylphthalate	15.12	149	165910	51.40	ng	95
80) Benzo(a)anthracene	15.76	228	357177	44.49	ng	99
81) 3,3'-Dichlorobenzidine	15.75	252	81566	30.34	ng	# 98
82) Chrysene	15.80	228	339553	45.02	ng	99
83) Bis(2-ethylhexyl)phthalate	15.85	149	248500	49.08	ng	99
84) Di-n-octyl phthalate	16.63	149	427794	51.46	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.76	276	390603	45.64	ng	# 86
87) Benzo(b)fluoranthene	17.05	252	363090	44.63	ng	98
88) Benzo(k)fluoranthene	17.05	252	363090	50.22	ng	# 92
89) Benzo(a)pyrene	17.43	252	334597	47.13	ng	100
90) Dibenzo(a,h)anthracene	18.79	278	310407	43.67	ng	# 95
91) Benzo(g,h,i)perylene	19.13	276	312424	43.84	ng	99

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

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PB82574BS

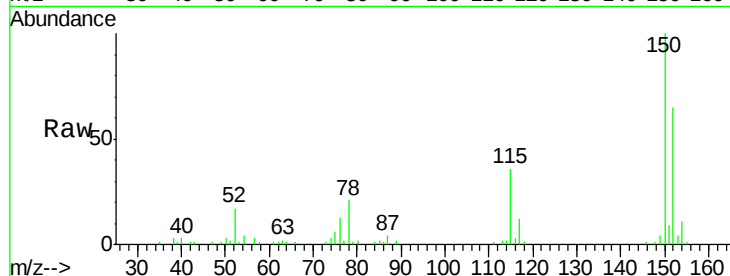
Tgt Ion:152 Resp: 31528

Ion Ratio Lower Upper

152 100

150 154.6 125.9 188.9

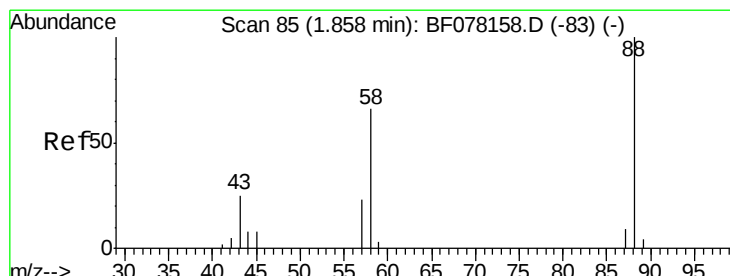
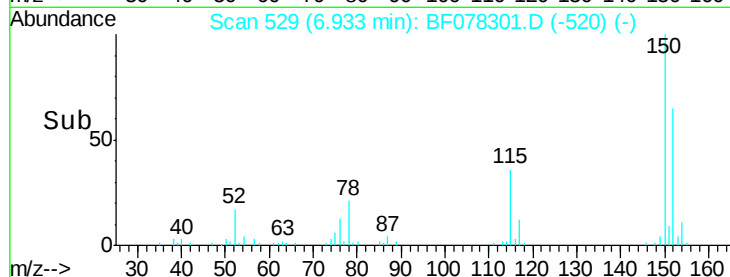
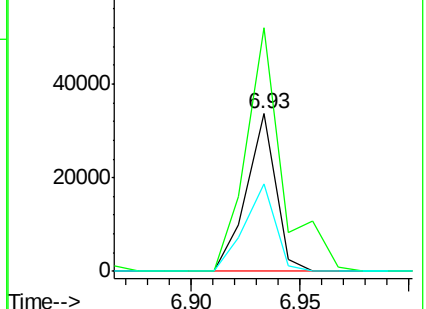
115 55.9 52.7 79.1



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



#2

1,4-Dioxane

Concen: 38.38 ng

RT: 1.77 min Scan# 77

Delta R.T. 0.02 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

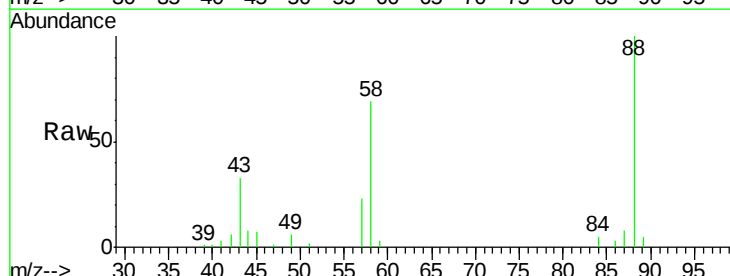
Tgt Ion: 88 Resp: 33190

Ion Ratio Lower Upper

88 100

58 69.8 56.9 85.3

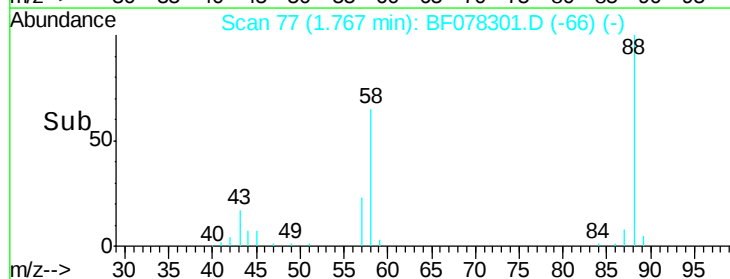
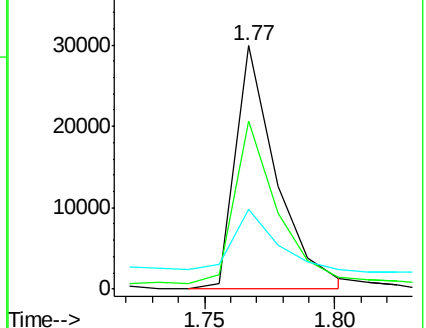
43 24.2 21.4 32.2

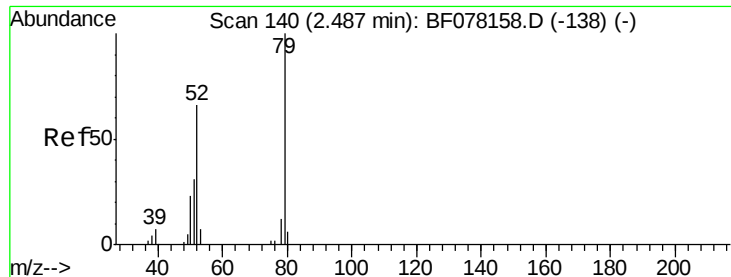


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 47.25 ng

RT: 2.37 min Scan# 130

Delta R.T. 0.02 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

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PB82574BS

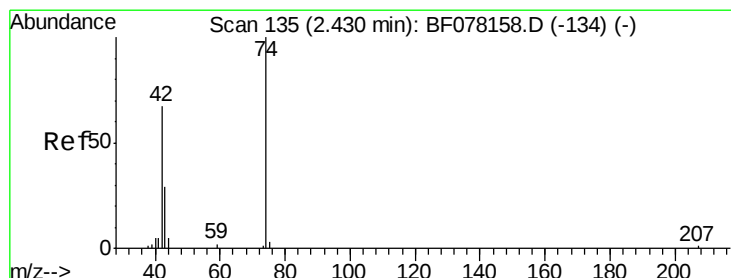
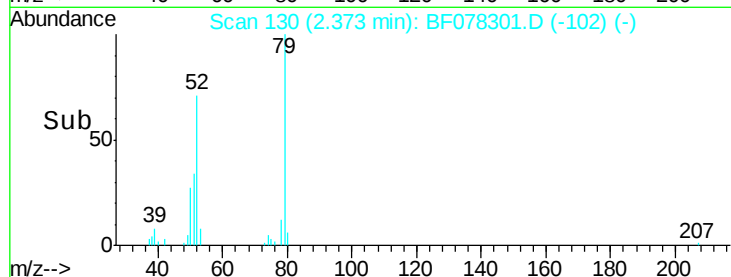
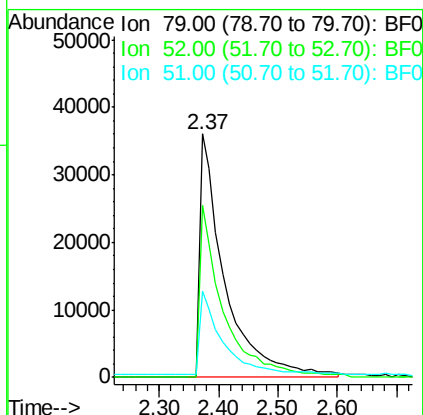
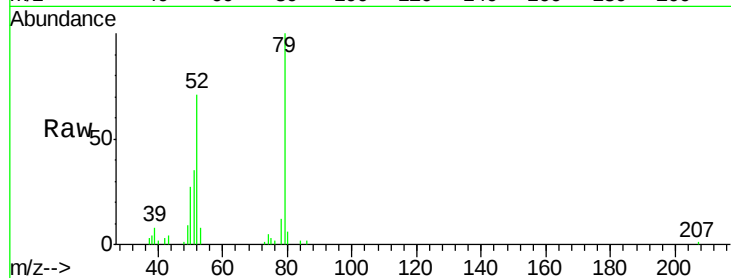
Tgt Ion: 79 Resp: 107018

Ion Ratio Lower Upper

79 100

52 70.6 52.4 78.6

51 35.2 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 44.91 ng

RT: 2.32 min Scan# 125

Delta R.T. 0.02 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

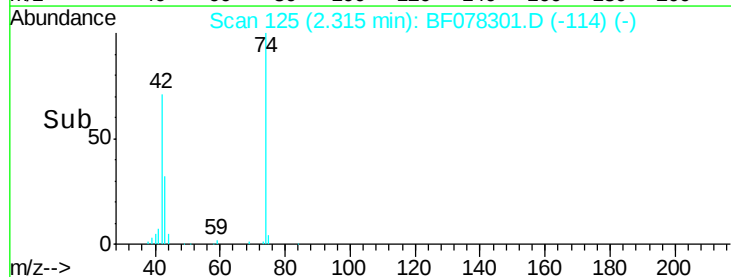
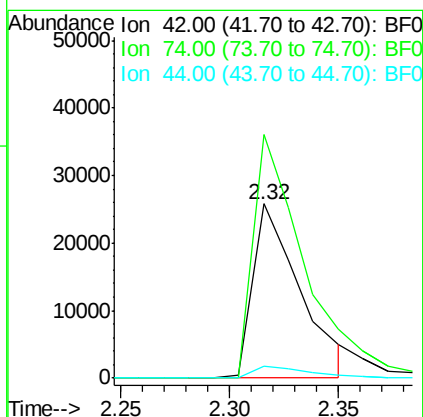
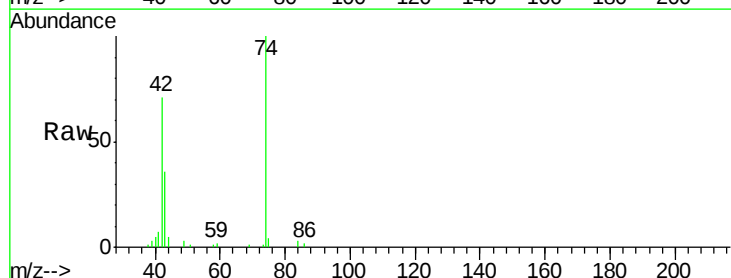
Tgt Ion: 42 Resp: 39159

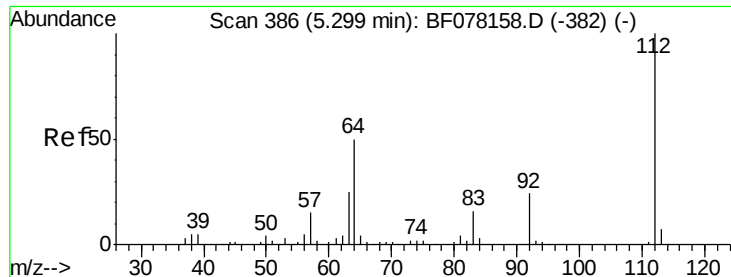
Ion Ratio Lower Upper

42 100

74 140.0 118.7 178.1

44 7.0 5.9 8.9





#5

2-Fluorophenol

Concen: 142.72 ng

RT: 5.21 min Scan# 378

Delta R.T. 0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

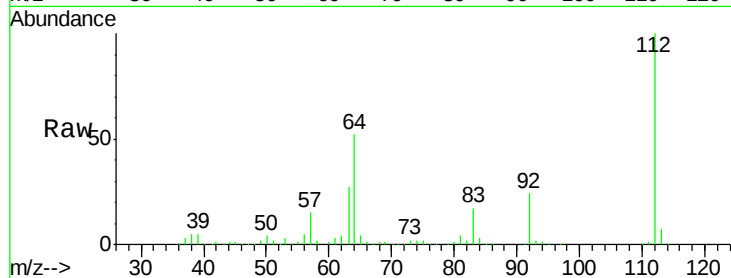
Tgt Ion: 112 Resp: 272910

Ion Ratio Lower Upper

112 100

64 52.4 39.9 59.9

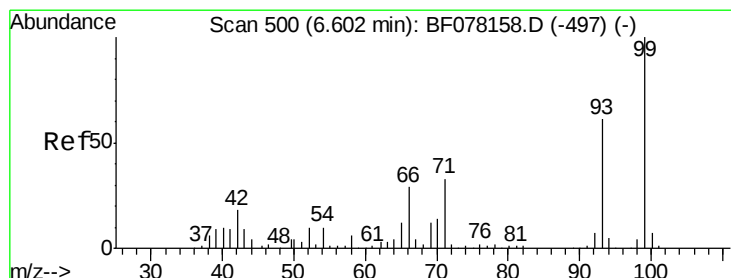
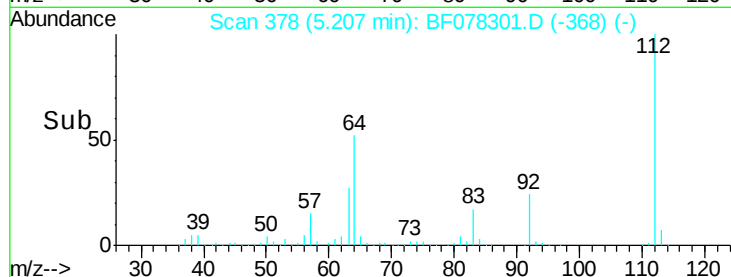
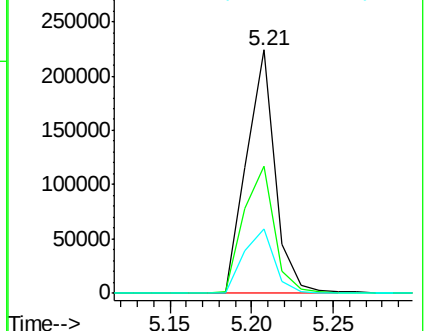
63 26.6 20.2 30.4



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: 19.73 ng

RT: 6.52 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

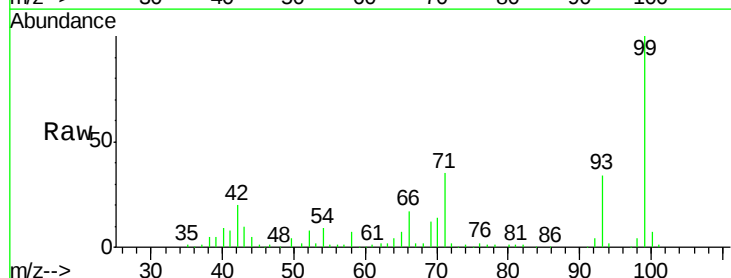
Tgt Ion: 93 Resp: 67044

Ion Ratio Lower Upper

93 100

66 49.7 38.0 57.0

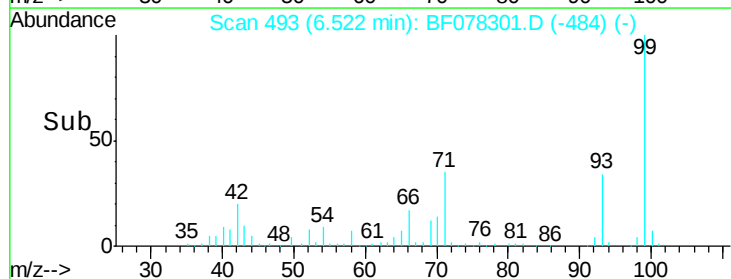
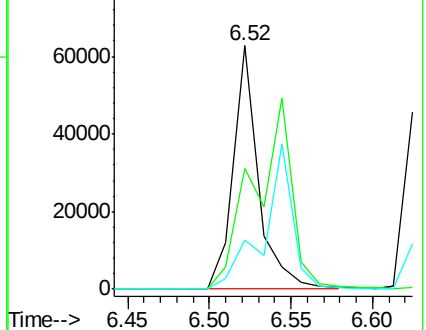
65 20.1 16.3 24.5



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: 146.87 ng

RT: 6.53 min Scan# 494

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

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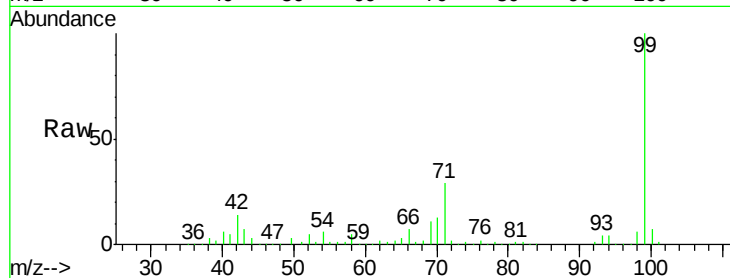
Tgt Ion: 99 Resp: 351967

Ion Ratio Lower Upper

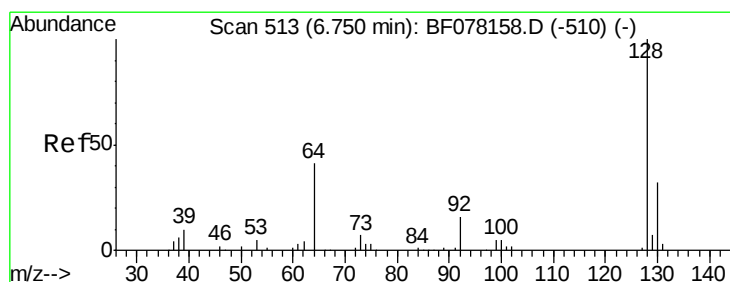
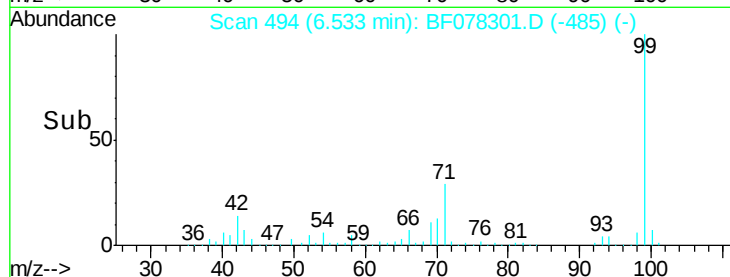
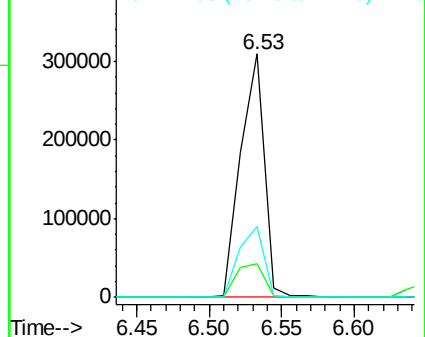
99 100

42 14.1 14.8 22.2#

71 29.2 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: 45.72 ng

RT: 6.67 min Scan# 506

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

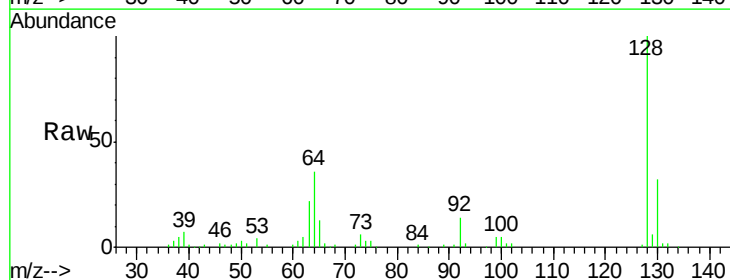
Tgt Ion: 128 Resp: 103373

Ion Ratio Lower Upper

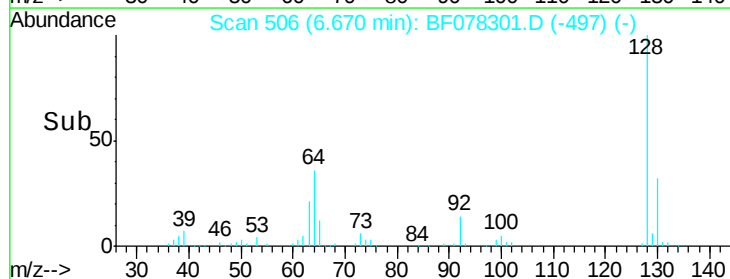
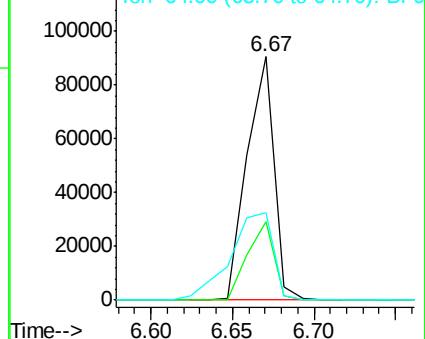
128 100

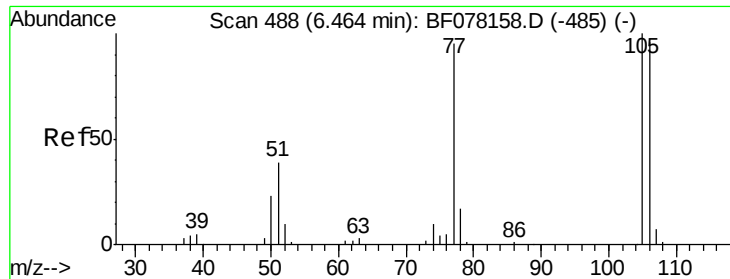
130 32.3 12.3 52.3

64 36.0 23.8 63.8



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





#9

Benzaldehyde

Concen: 25.70 ng

RT: 6.37 min Scan# 480

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampled :

PB82574BS

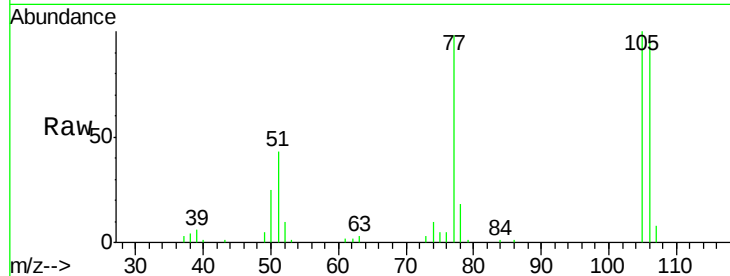
Tgt Ion: 77 Resp: 40817

Ion Ratio Lower Upper

77 100

105 102.6 85.4 125.4

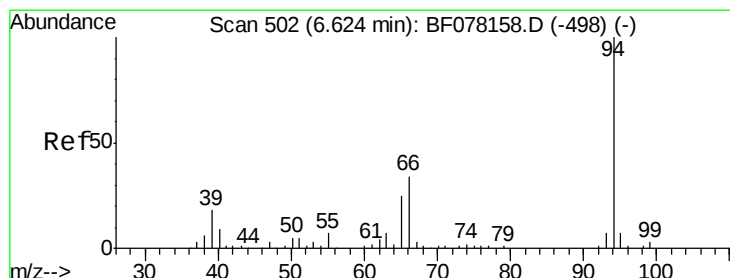
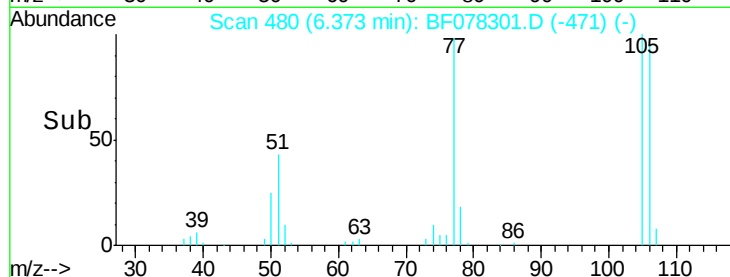
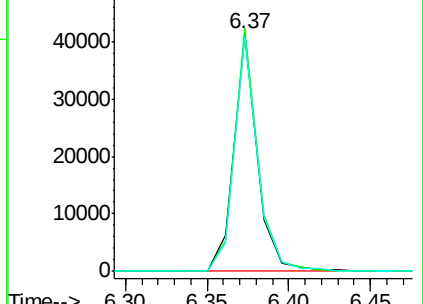
106 98.9 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.28 ng

RT: 6.54 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

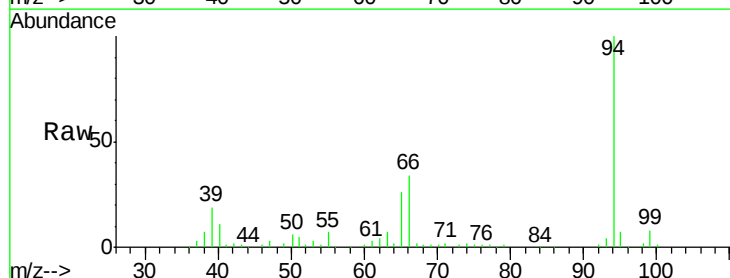
Tgt Ion: 94 Resp: 130028

Ion Ratio Lower Upper

94 100

65 26.1 4.9 44.9

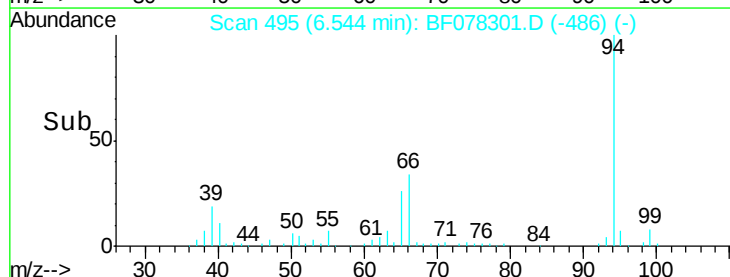
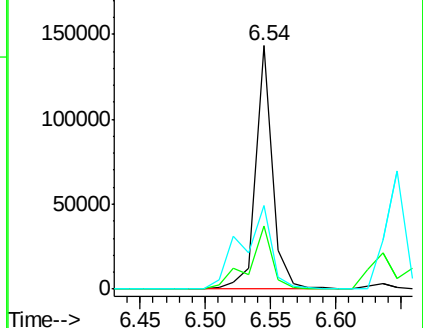
66 34.3 13.8 53.8

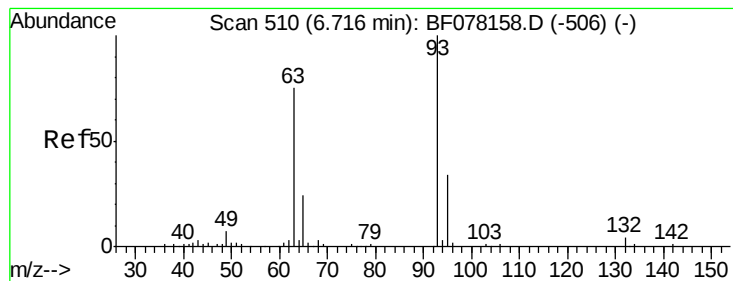


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

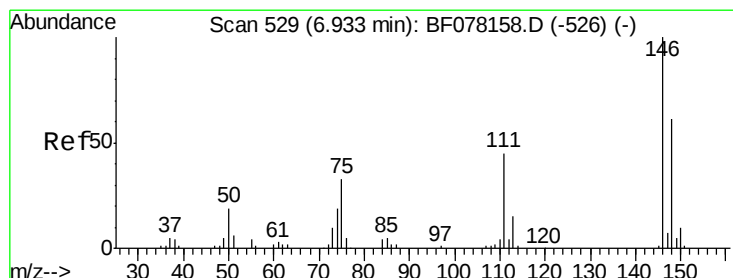
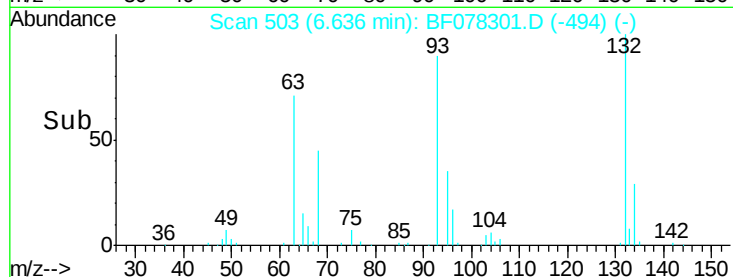
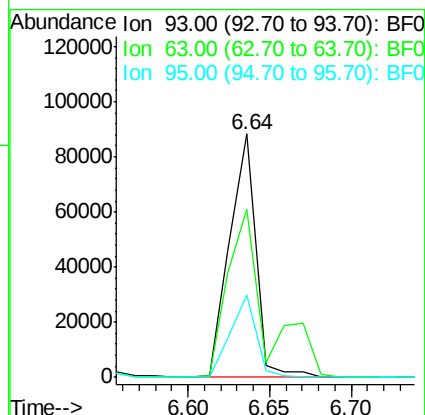
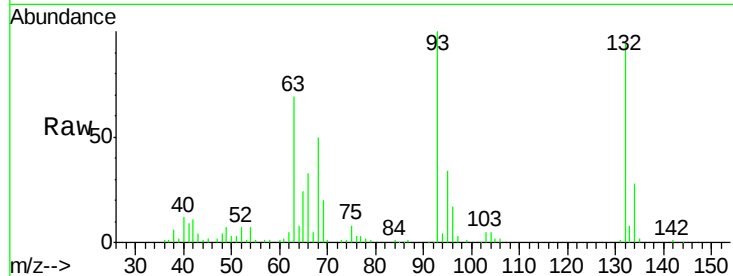




#11
bis(2-Chloroethyl)ether
Concen: 47.55 ng
RT: 6.64 min Scan# 503
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

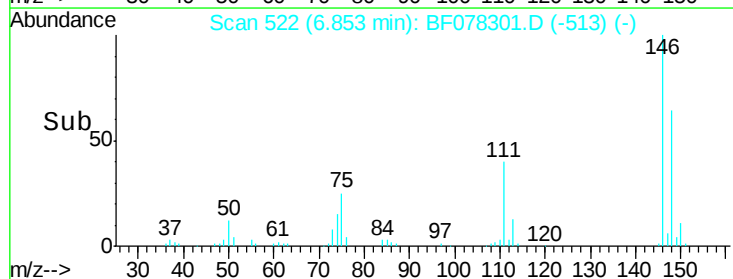
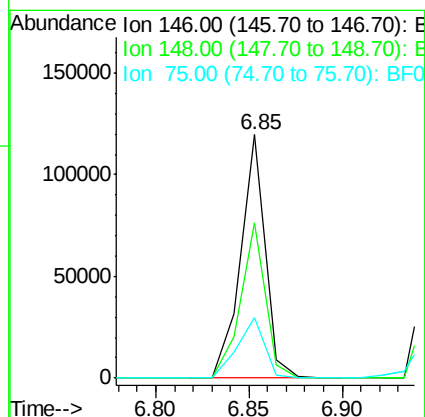
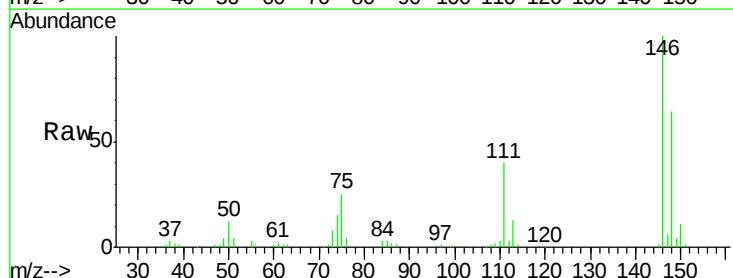
Instrument :
BNA_F
ClientSampleId :
PB82574BS

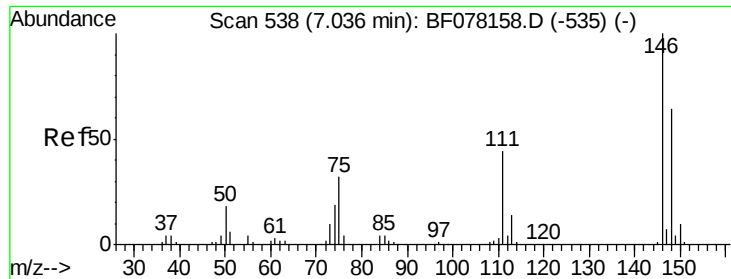
Tgt Ion: 93 Resp: 98194
Ion Ratio Lower Upper
93 100
63 69.1 54.6 94.6
95 33.9 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 44.50 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion: 146 Resp: 110534
Ion Ratio Lower Upper
146 100
148 63.6 49.1 73.7
75 24.7 26.6 40.0#

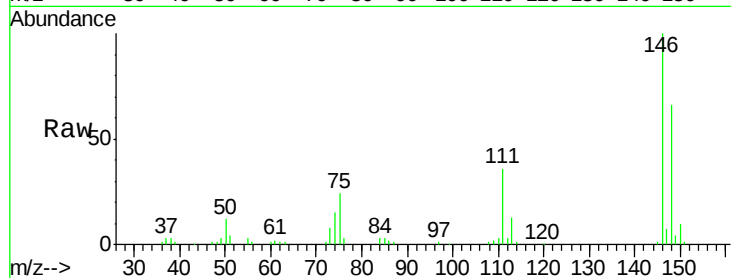




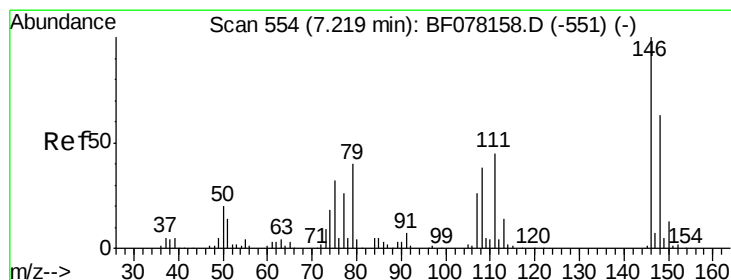
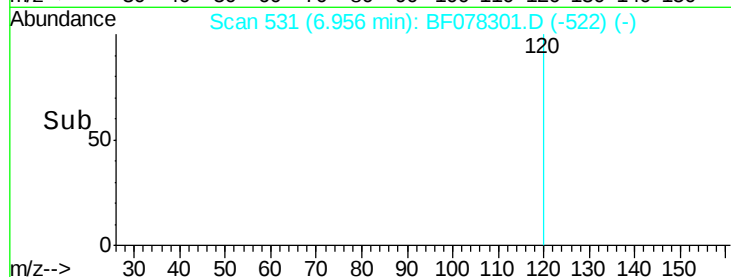
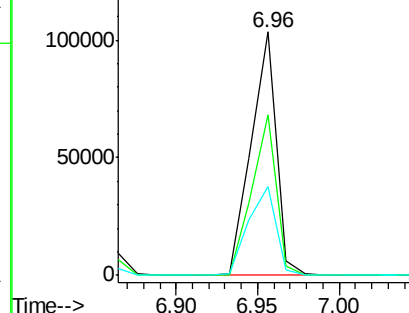
#13
 1,4-Dichlorobenzene
 Concen: 43.97 ng
 RT: 6.96 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:146 Resp: 109933
 Ion Ratio Lower Upper
 146 100
 148 65.9 51.4 77.0
 111 36.4 35.0 52.4

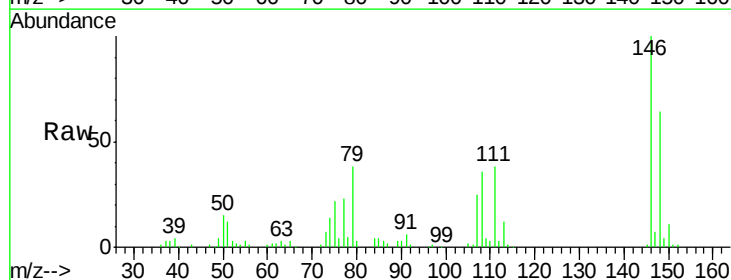


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

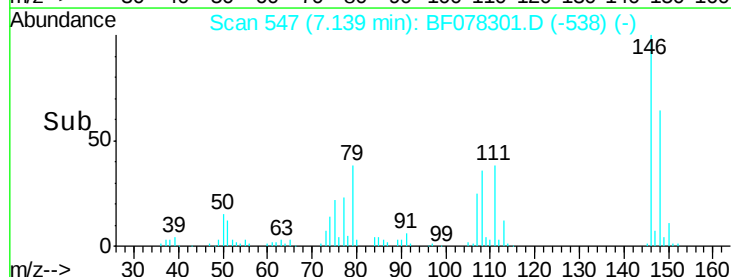
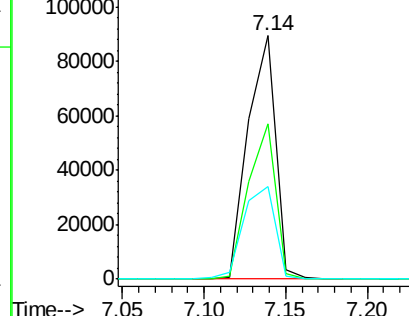


#14
 1,2-Dichlorobenzene
 Concen: 44.80 ng
 RT: 7.14 min Scan# 547
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:146 Resp: 105017
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.2 75.4
 111 37.8 36.1 54.1



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

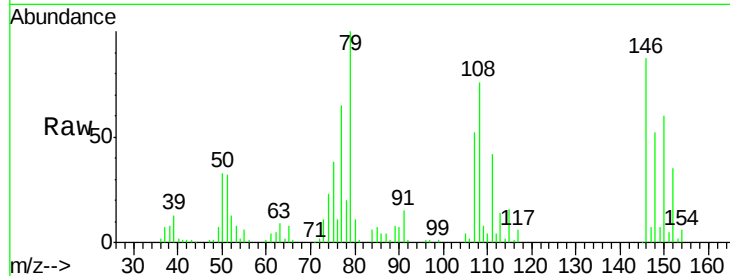




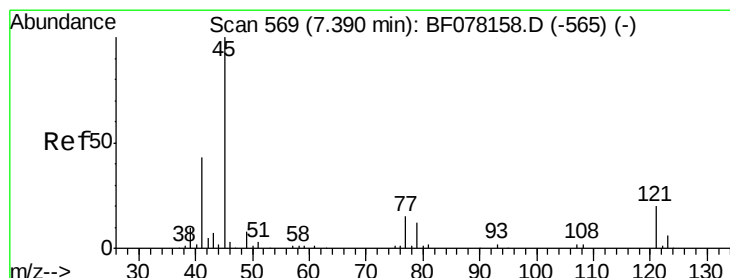
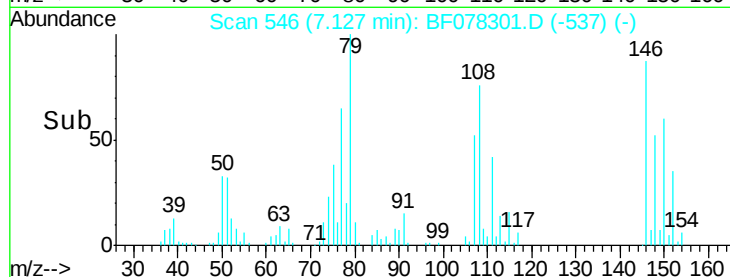
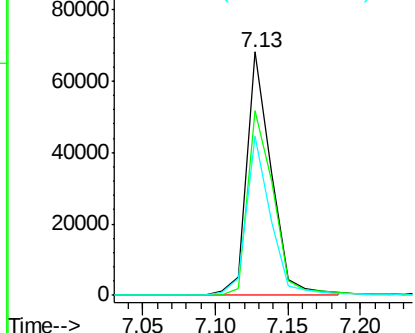
#15
Benzyl Alcohol
Concen: 47.51 ng
RT: 7.13 min Scan# 546
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
PB82574BS

Tgt Ion: 79 Resp: 80010
Ion Ratio Lower Upper
79 100
108 75.8 57.6 86.4
77 65.4 53.5 80.3

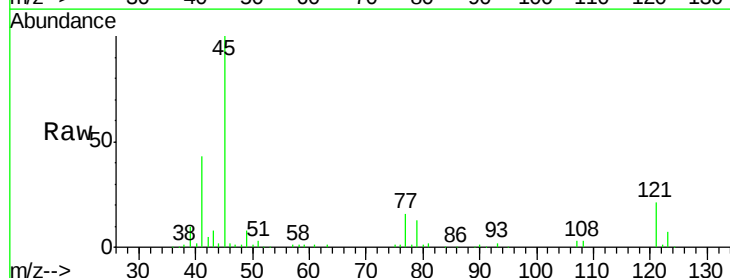


Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

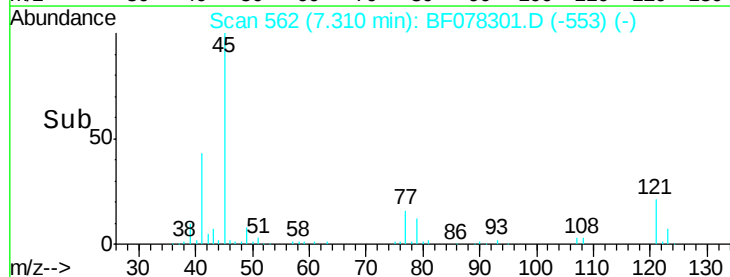
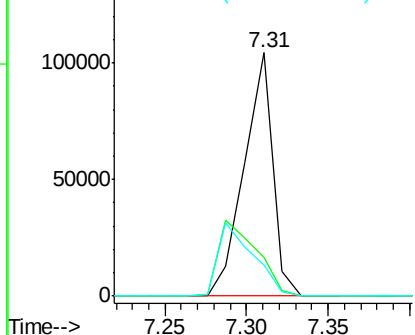


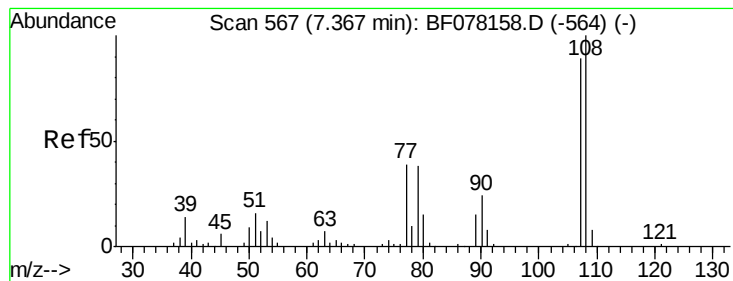
#16
2,2'-oxybis(1-chloropropane)
Concen: 46.32 ng
RT: 7.31 min Scan# 562
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion: 45 Resp: 127594
Ion Ratio Lower Upper
45 100
77 15.7 0.0 34.5
79 12.6 0.0 31.9



Abundance Ion 45.00 (44.70 to 45.70): BF0
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

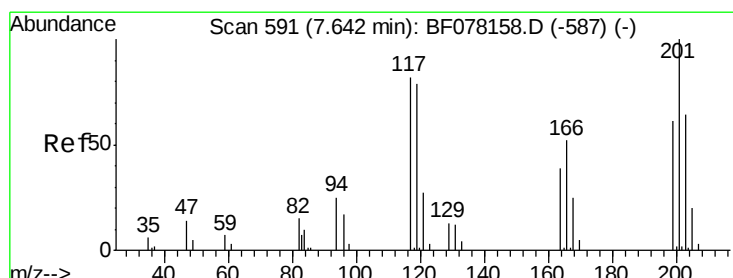
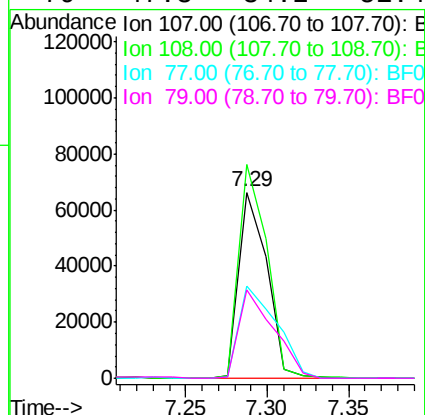
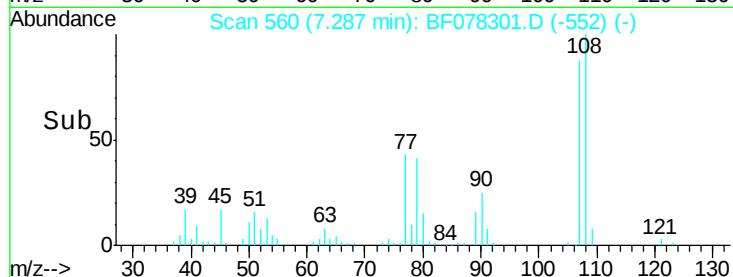
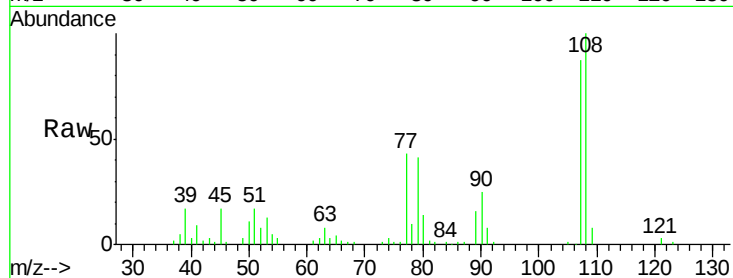




#17
2-Methylphenol
Concen: 44.89 ng
RT: 7.29 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

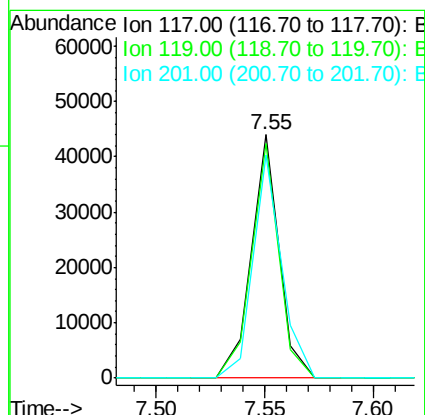
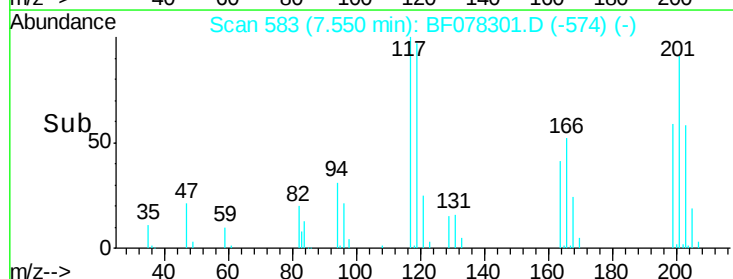
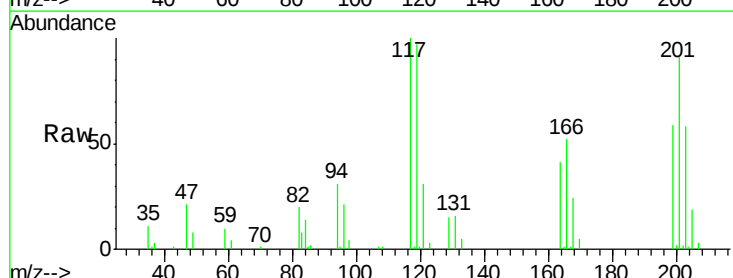
Instrument :
BNA_F
ClientSampleId :
PB82574BS

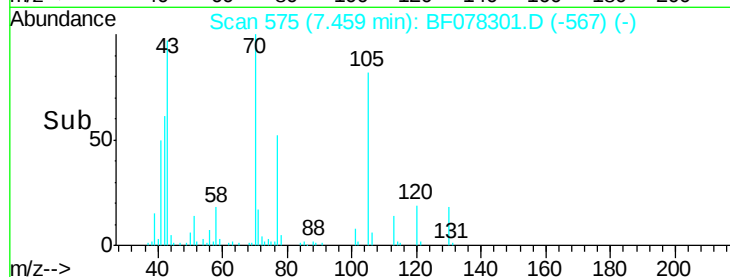
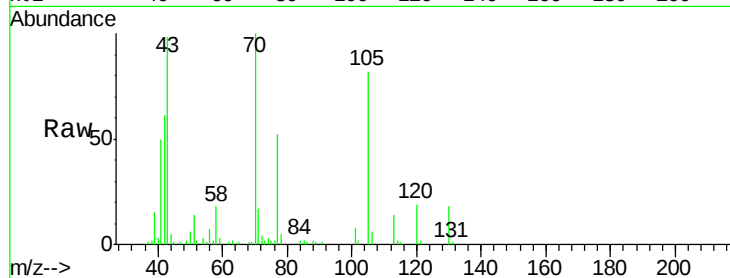
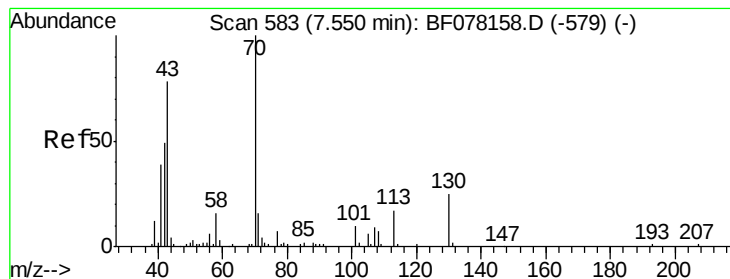
Tgt Ion:107 Resp: 78808
Ion Ratio Lower Upper
107 100
108 114.8 90.3 135.5
77 49.5 35.5 53.3
79 47.3 34.2 51.4



#18
Hexachloroethane
Concen: 46.15 ng
RT: 7.55 min Scan# 583
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:117 Resp: 38907
Ion Ratio Lower Upper
117 100
119 96.5 77.0 115.6
201 91.4 98.1 147.1#





#19

n-Nitroso-di-n-propylamine

Concen: 43.68 ng

RT: 7.46 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

Tgt Ion: 70 Resp: 69068

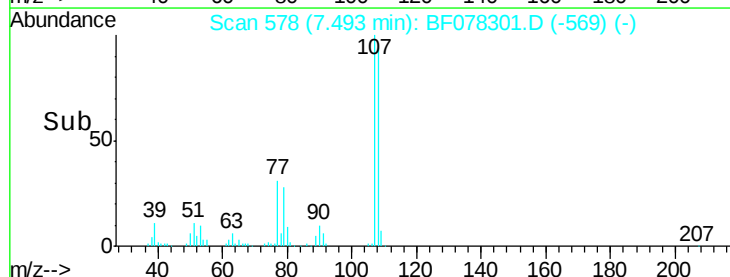
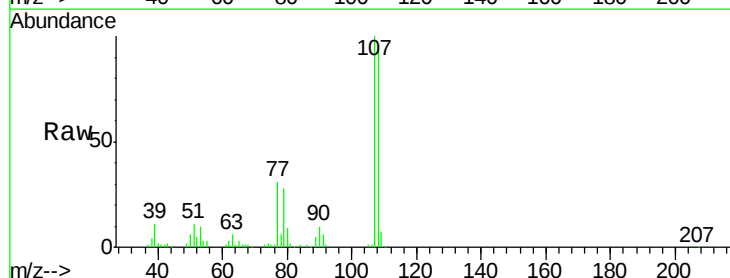
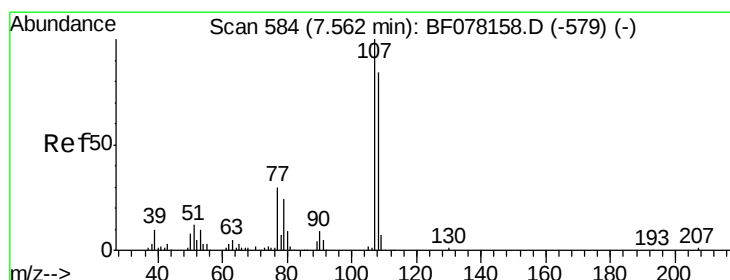
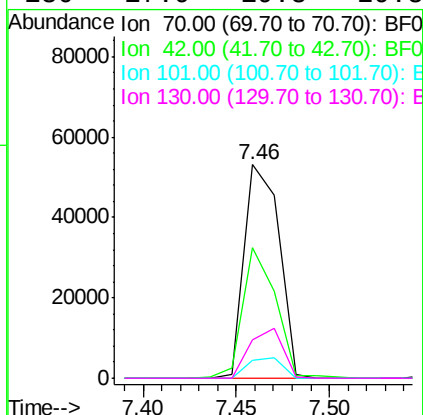
Ion Ratio Lower Upper

70 100

42 60.9 38.9 58.3#

101 8.4 8.3 12.5

130 17.9 19.8 29.8#



#20

3+4-Methylphenols

Concen: 46.86 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Tgt Ion: 107 Resp: 109746

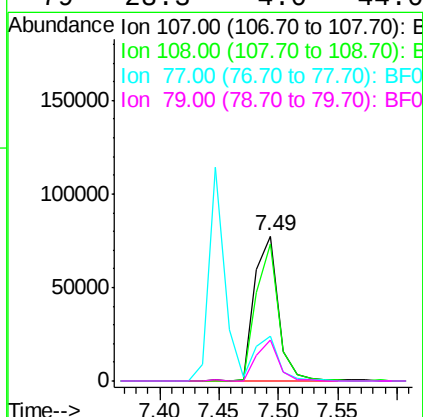
Ion Ratio Lower Upper

107 100

108 94.4 64.4 104.4

77 30.5 9.7 49.7

79 28.3 4.0 44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.51 min Scan# 667

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

Tgt Ion:136 Resp: 130601

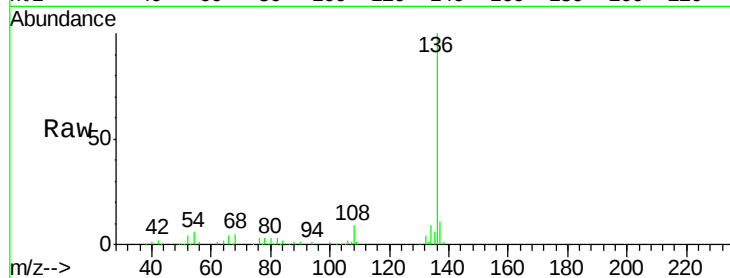
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 6.2 7.0 10.6#

68 5.2 5.4 8.2#

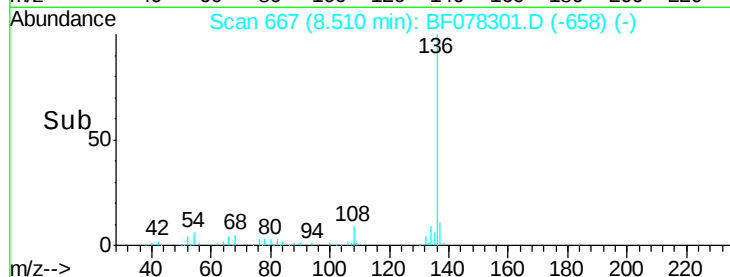


Abundance Ion 136.00 (135.70 to 136.70): E

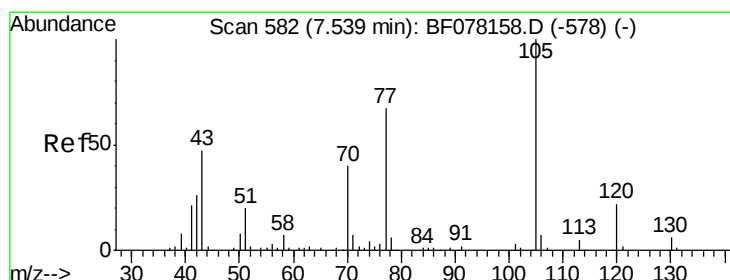
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time--> 8.45 8.50 8.55



#22

Acetophenone

Concen: 46.59 ng

RT: 7.45 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Tgt Ion:105 Resp: 141759

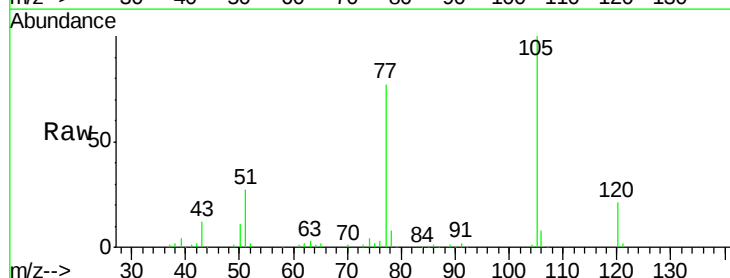
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.6 16.0 24.0#

120 21.0 17.8 26.6

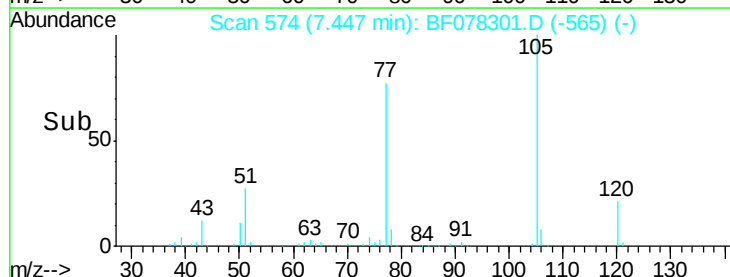


Abundance Ion 105.00 (104.70 to 105.70): E

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



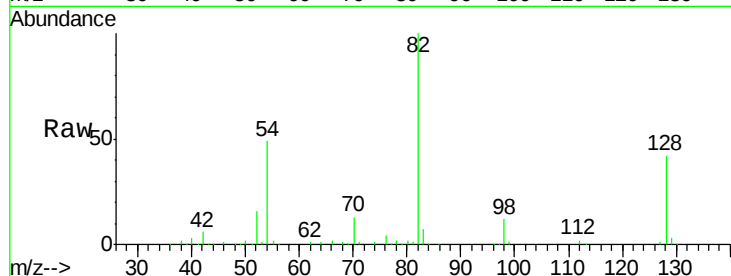
Time--> 7.40 7.45 7.50



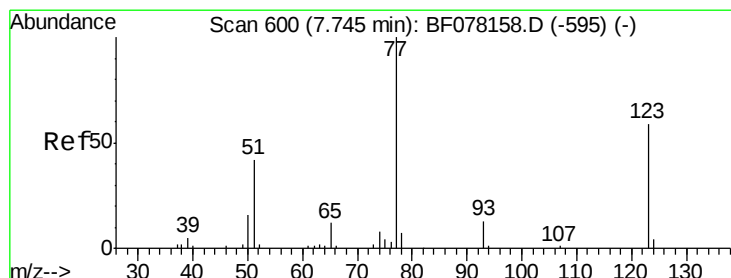
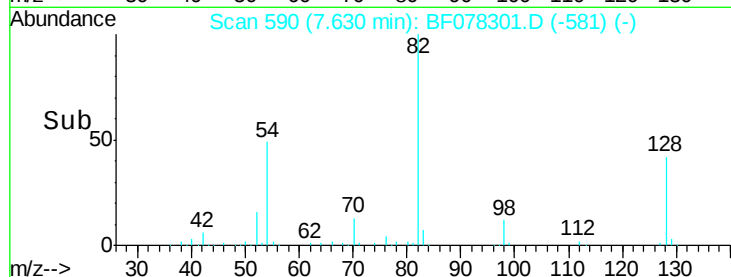
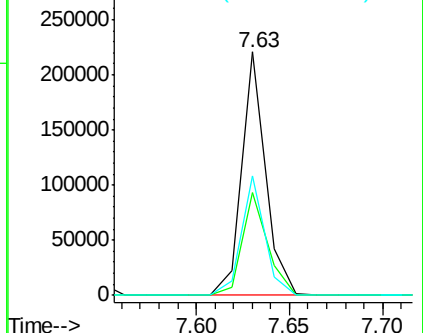
#23
 Nitrobenzene-d5
 Concen: 91.42 ng
 RT: 7.63 min Scan# 590
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion: 82 Resp: 196986
 Ion Ratio Lower Upper
 82 100
 128 42.4 31.8 47.8
 54 49.0 41.5 62.3

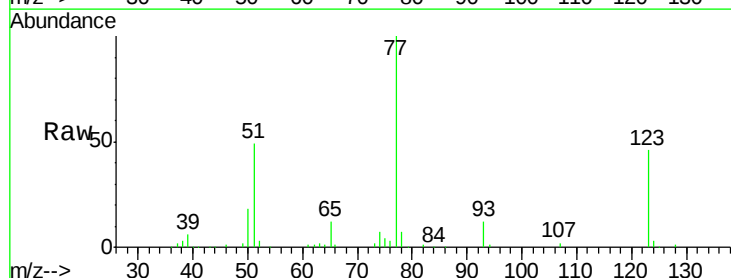


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

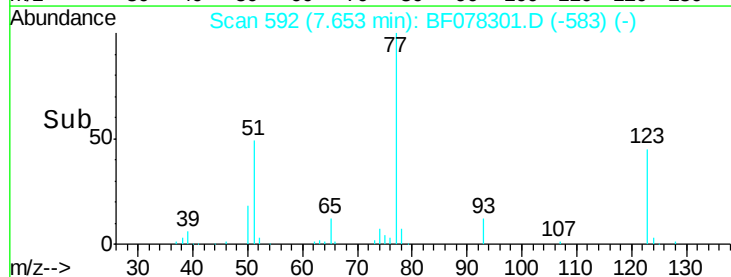
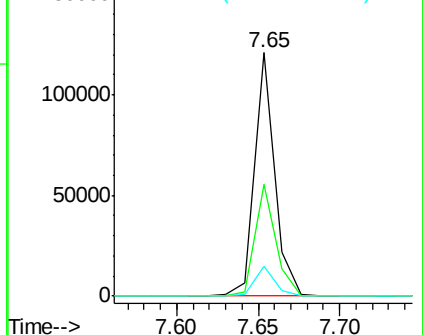


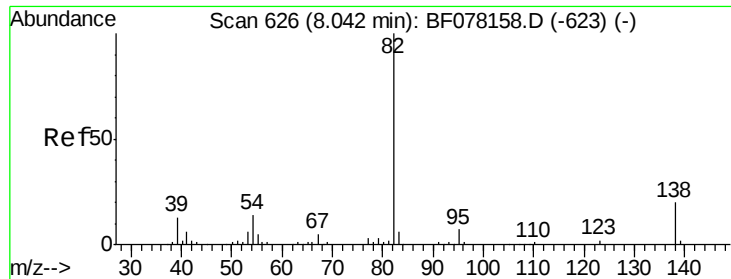
#24
 Nitrobenzene
 Concen: 46.16 ng
 RT: 7.65 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion: 77 Resp: 103965
 Ion Ratio Lower Upper
 77 100
 123 46.1 46.9 70.3#
 65 12.0 9.5 14.3



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

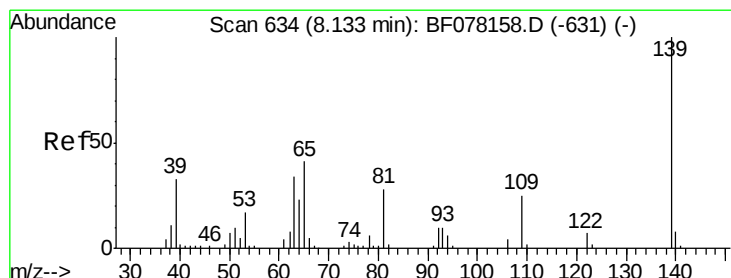
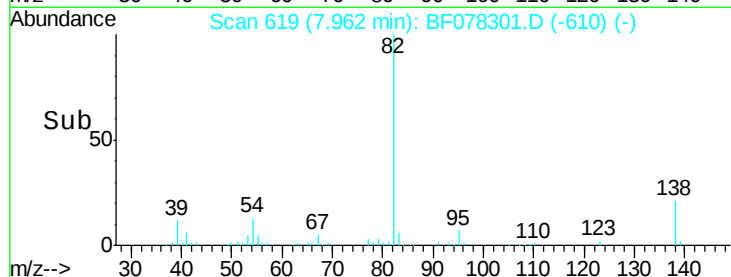
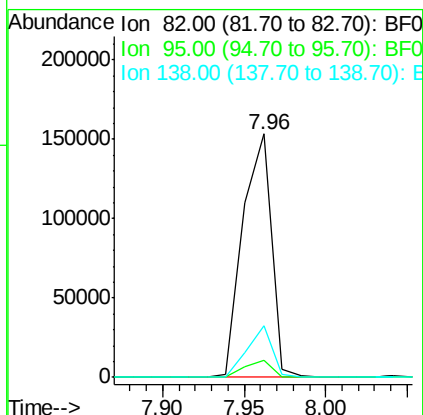
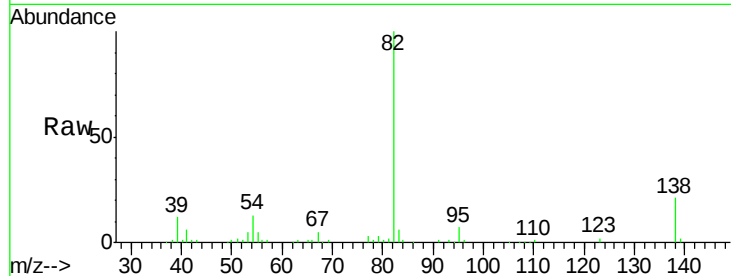




#25
Isophorone
Concen: 45.50 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

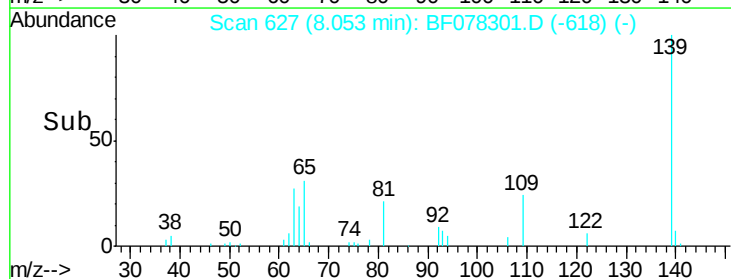
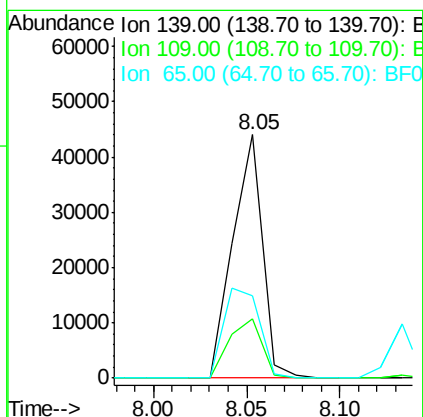
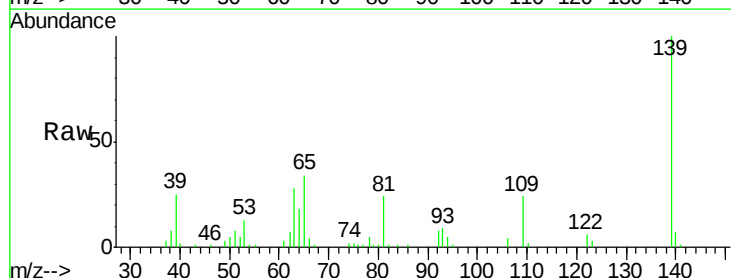
Instrument :
BNA_F
ClientSampleId :
PB82574BS

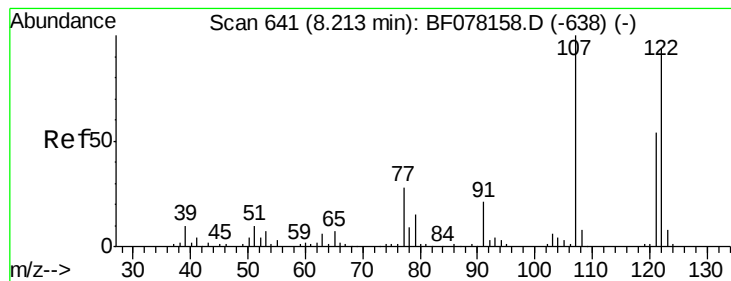
Tgt Ion: 82 Resp: 186074
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 21.0 15.8 23.8



#26
2-Nitrophenol
Concen: 45.69 ng
RT: 8.05 min Scan# 627
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion: 139 Resp: 49044
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.8
65 34.0 32.7 49.1

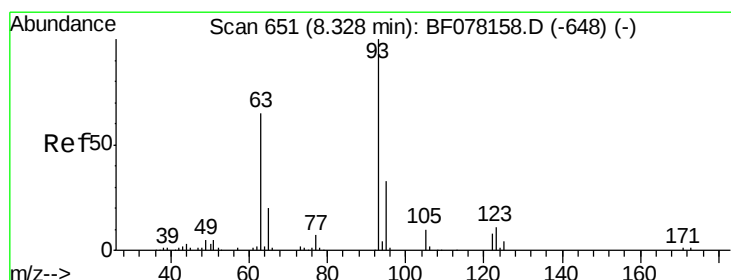
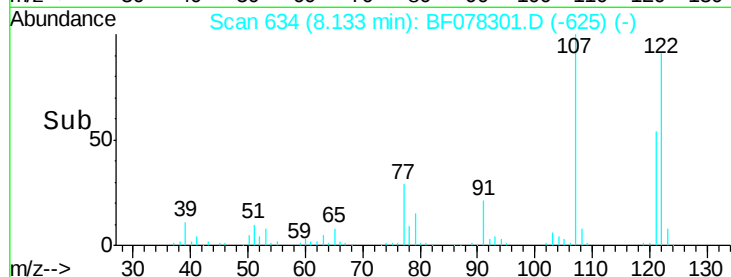
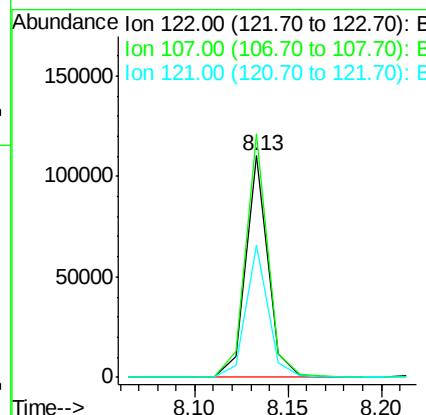
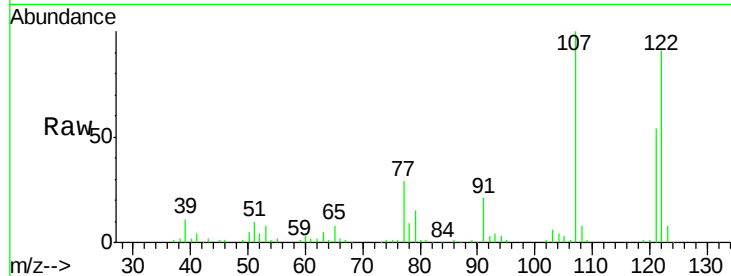




#27
 2,4-Dimethylphenol
 Concen: 46.06 ng
 RT: 8.13 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

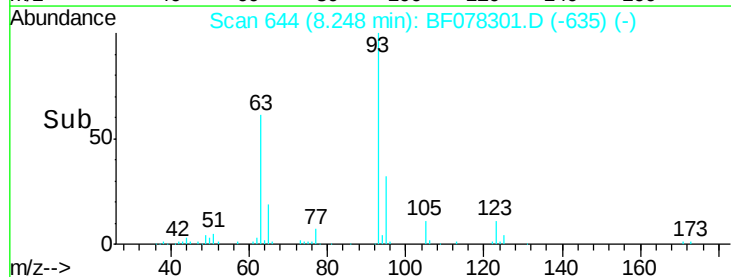
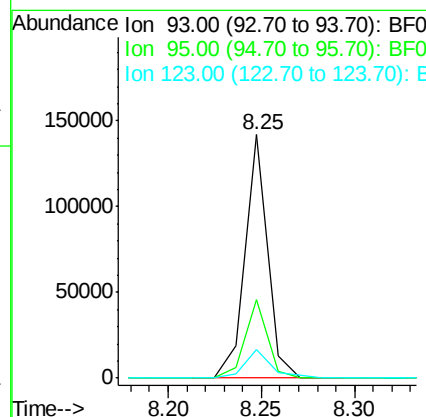
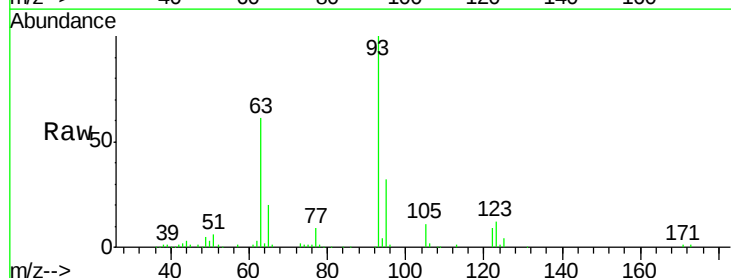
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

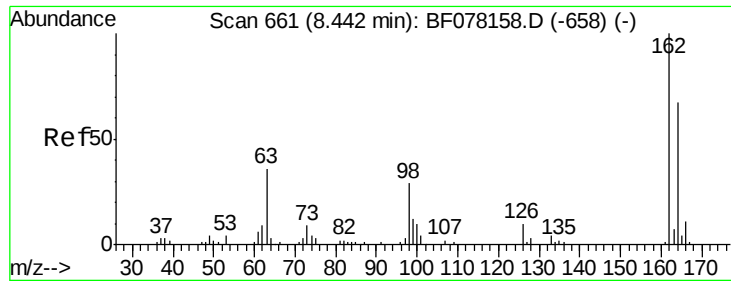
Tgt Ion:122 Resp: 91934
 Ion Ratio Lower Upper
 122 100
 107 110.0 84.6 127.0
 121 59.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 45.62 ng
 RT: 8.25 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion: 93 Resp: 119620
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.3 39.5
 123 12.0 9.1 13.7

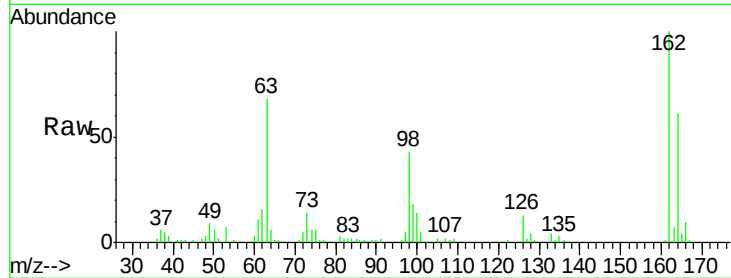




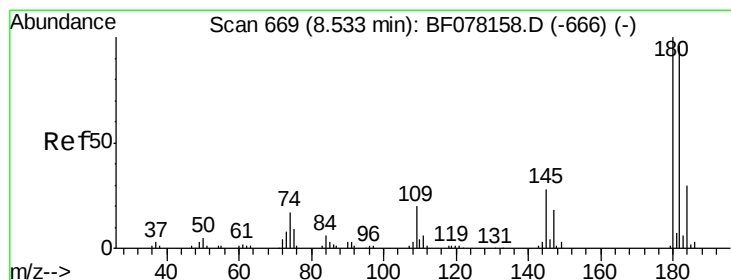
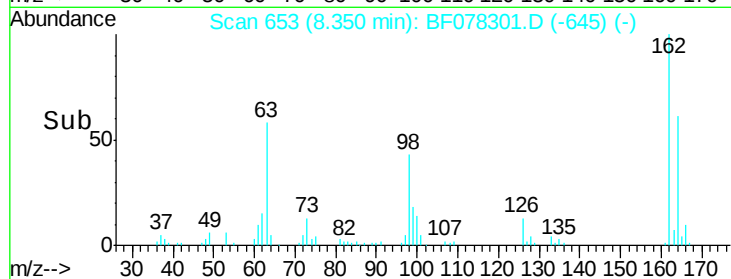
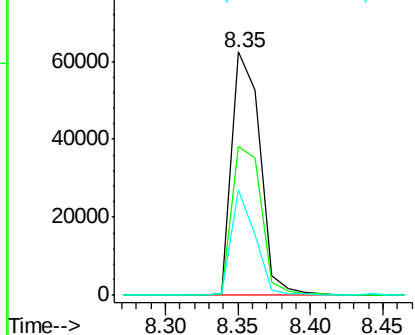
#29
 2,4-Dichlorophenol
 Concen: 46.55 ng
 RT: 8.35 min Scan# 653
 Delta R.T. -0.01 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:162 Resp: 84530
 Ion Ratio Lower Upper
 162 100
 164 61.4 47.0 87.0
 98 43.5 9.2 49.2

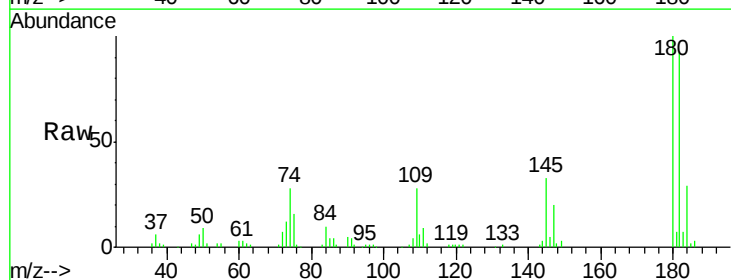


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

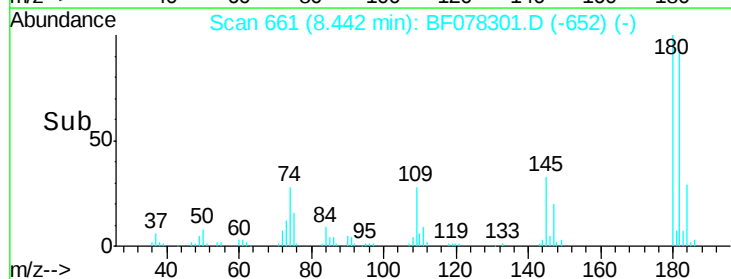
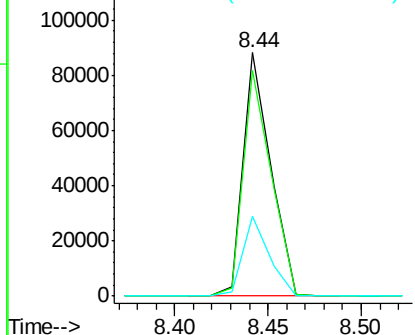


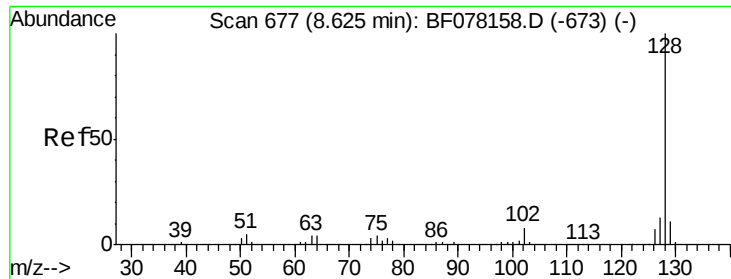
#30
 1,2,4-Trichlorobenzene
 Concen: 43.49 ng
 RT: 8.44 min Scan# 661
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:180 Resp: 90547
 Ion Ratio Lower Upper
 180 100
 182 92.8 76.9 115.3
 145 32.7 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

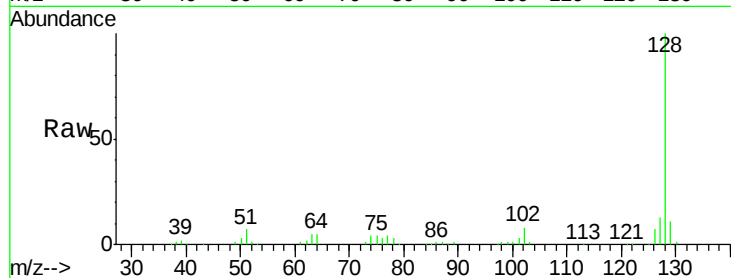




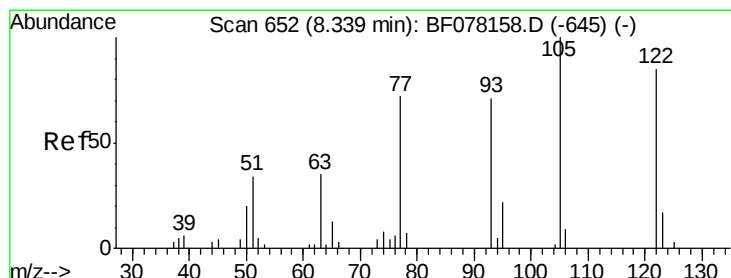
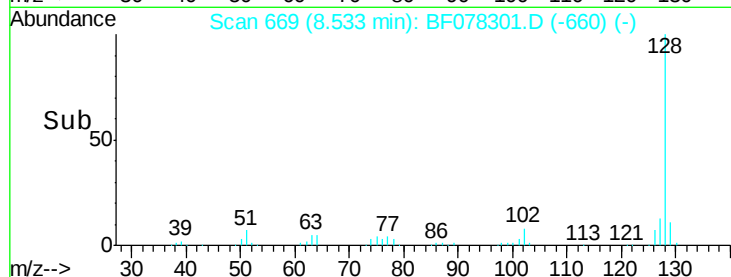
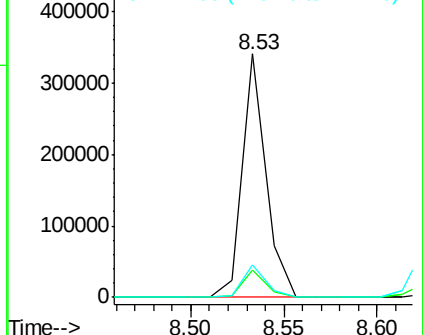
#31
Naphthalene
Concen: 44.16 ng
RT: 8.53 min Scan# 669
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
PB82574BS

Tgt Ion:128 Resp: 300178
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.1 10.7 16.1

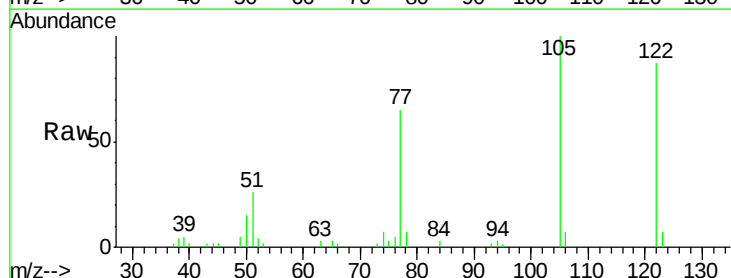


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

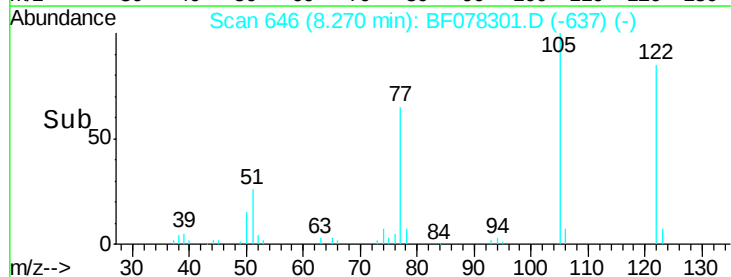
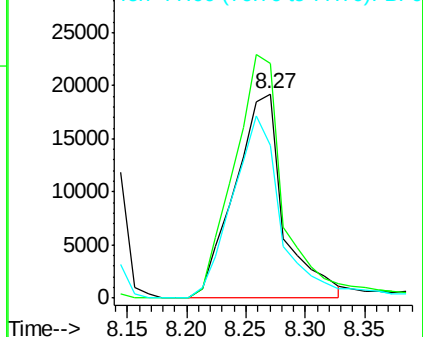


#32
Benzoic acid
Concen: 57.78 ng
RT: 8.27 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:122 Resp: 55492
Ion Ratio Lower Upper
122 100
105 114.5 96.1 136.1
77 74.4 64.1 104.1



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

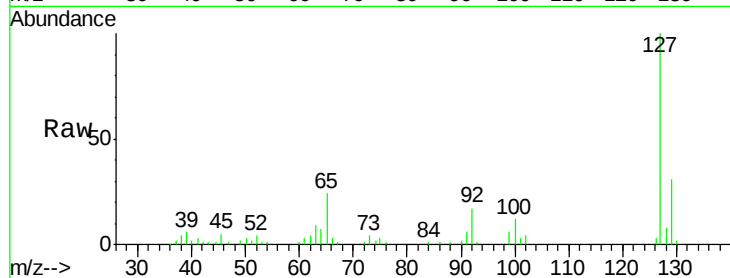




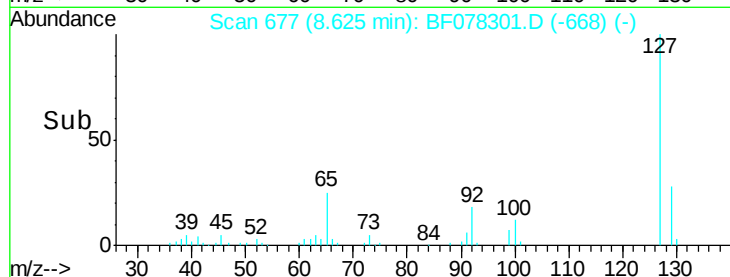
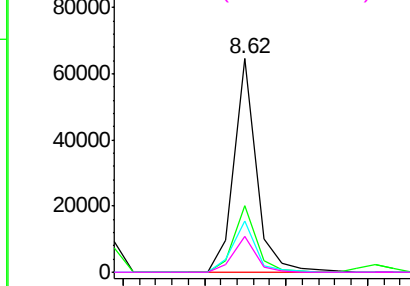
#33
4-Chloroaniline
Concen: 21.64 ng
RT: 8.62 min Scan# 677
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleID :
PB82574BS

Tgt Ion:	127	Resp:	61048
Ion	Ratio	Lower	Upper
127	100		
129	31.1	25.5	38.3
65	24.2	21.7	32.5
92	16.9	14.6	21.8

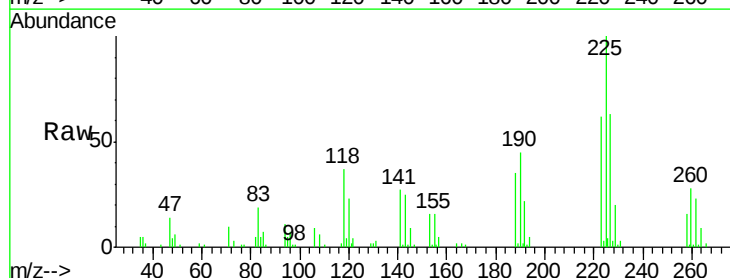


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

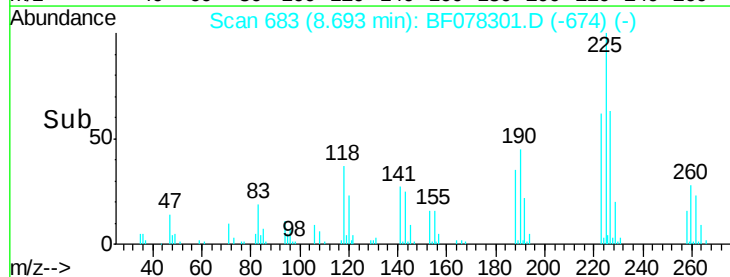
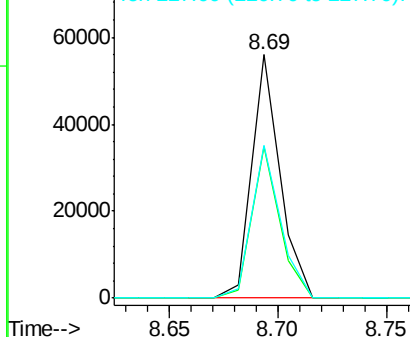


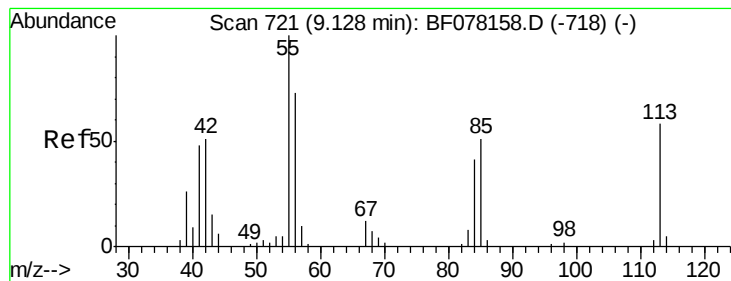
#34
Hexachlorobutadiene
Concen: 44.09 ng
RT: 8.69 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:	225	Resp:	50402
Ion	Ratio	Lower	Upper
225	100		
223	62.5	47.5	71.3
227	63.0	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: 49.70 ng

RT: 9.05 min Scan# 714

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

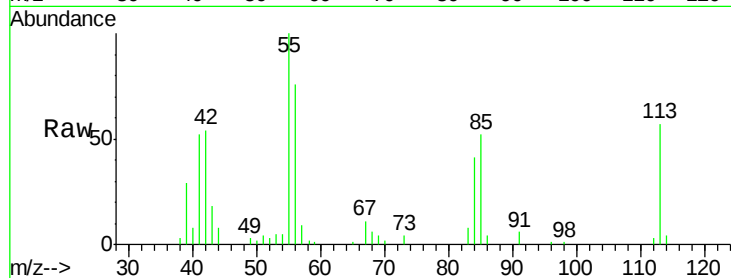
Tgt Ion:113 Resp: 26941

Ion Ratio Lower Upper

113 100

55 174.6 151.9 191.9

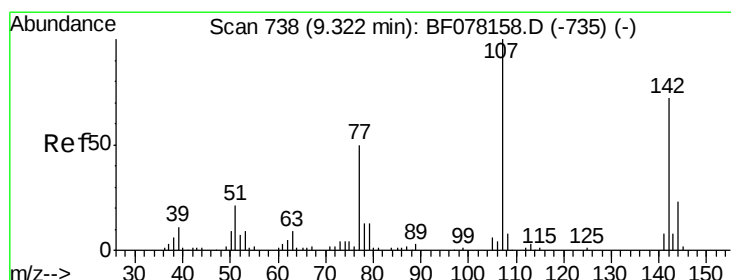
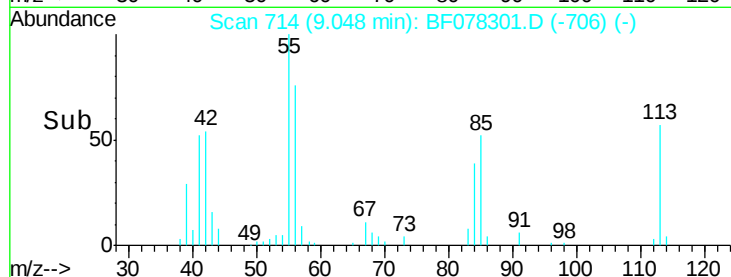
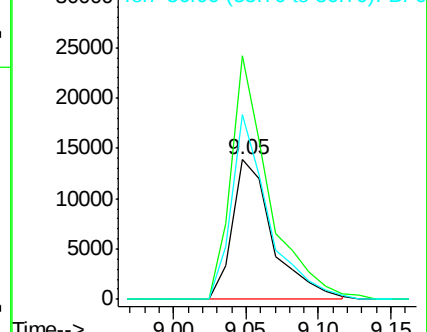
56 132.4 106.1 146.1



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: 46.71 ng

RT: 9.25 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

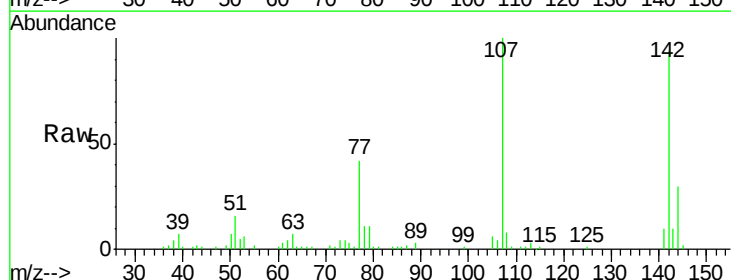
Tgt Ion:107 Resp: 85589

Ion Ratio Lower Upper

107 100

144 30.3 18.2 27.2#

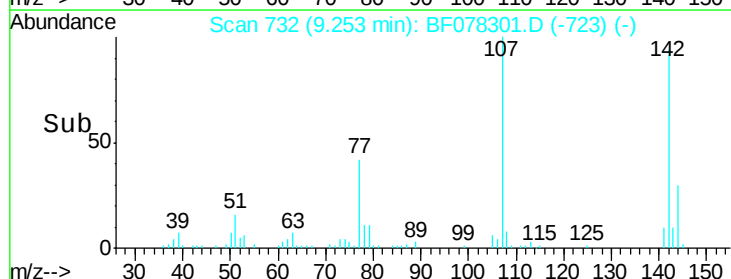
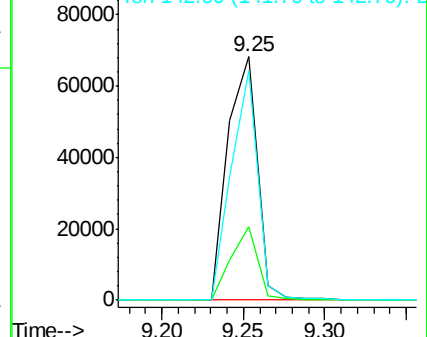
142 94.0 58.0 87.0#

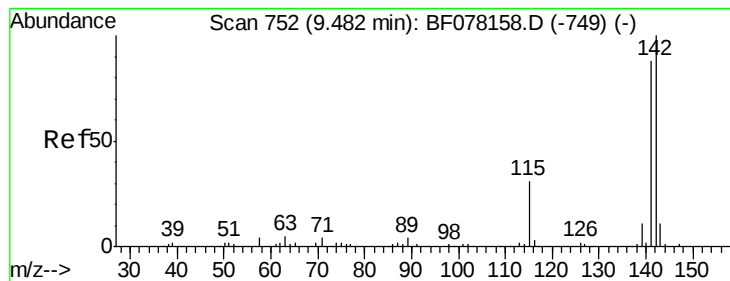


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.81 ng

RT: 9.39 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

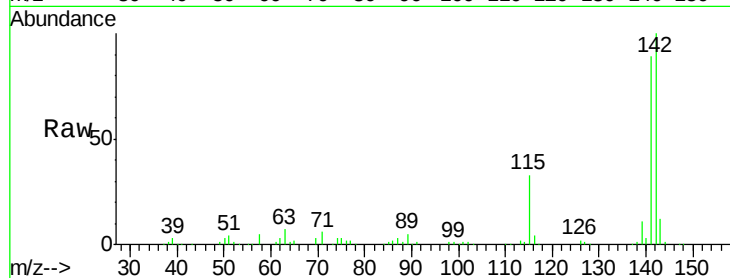
Tgt Ion:142 Resp: 202171

Ion Ratio Lower Upper

142 100

141 89.4 70.3 105.5

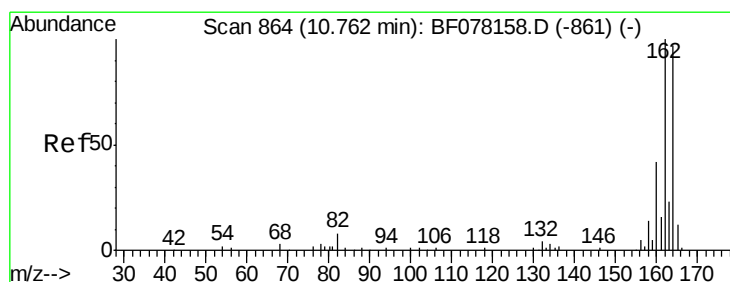
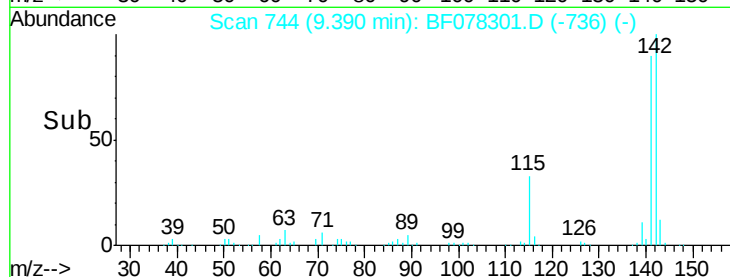
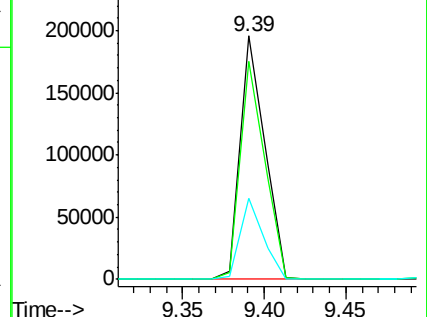
115 33.1 24.6 37.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.67 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

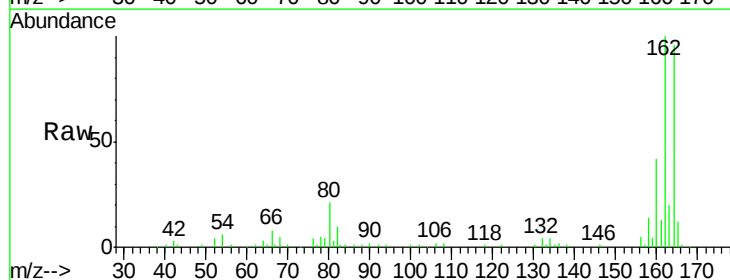
Tgt Ion:164 Resp: 66402

Ion Ratio Lower Upper

164 100

162 103.7 82.2 123.2

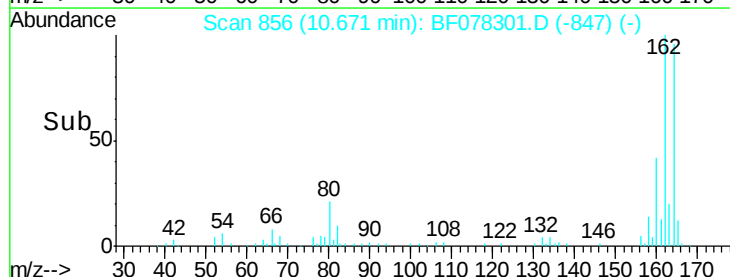
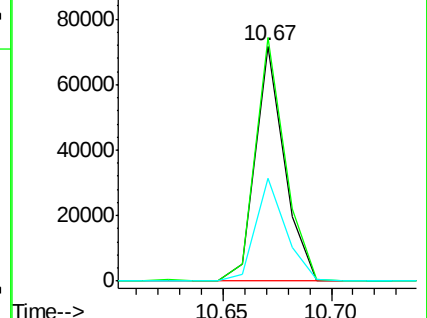
160 44.0 34.7 52.1

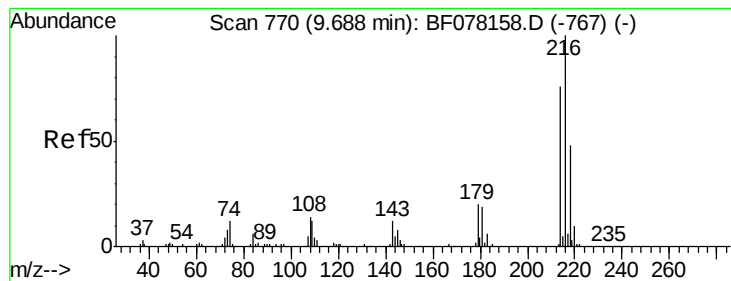


Abundance Ion 164.00 (163.70 to 164.70): E

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: 41.73 ng

RT: 9.60 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

Tgt Ion:216 Resp: 85851

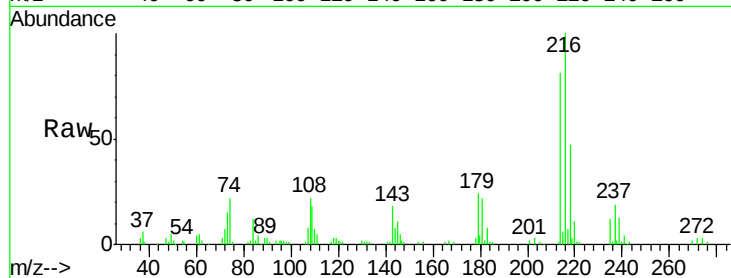
Ion Ratio Lower Upper

216 100

214 79.3 62.0 93.0

179 22.1 17.3 25.9

108 21.5 14.6 21.8

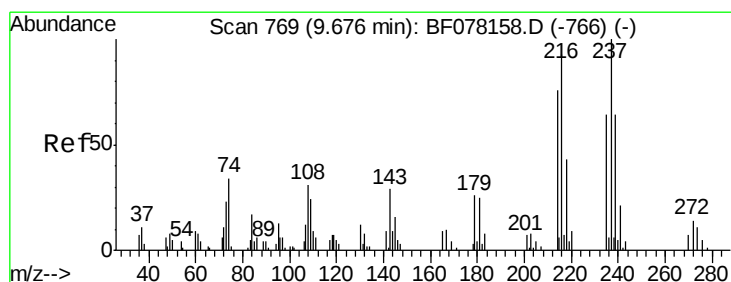
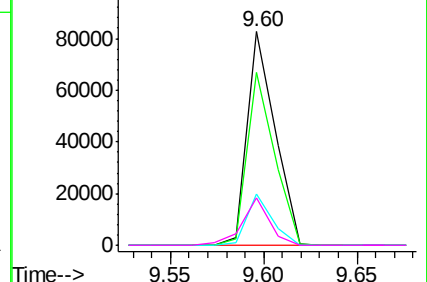
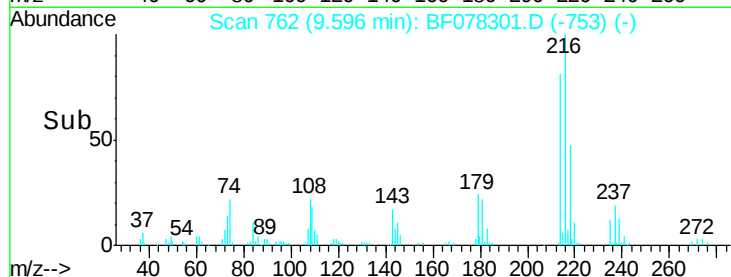


Abundance Ion 216.00 (215.70 to 216.70): E

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: 95.44 ng

RT: 9.58 min Scan# 761

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

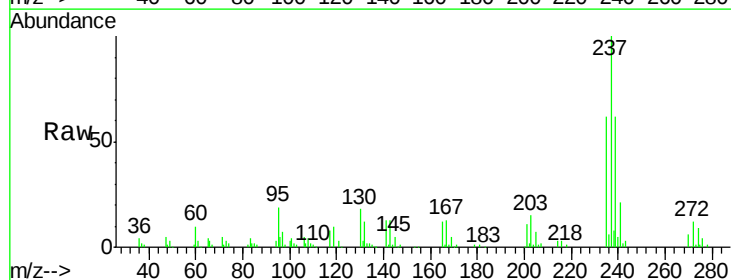
Tgt Ion:237 Resp: 85810

Ion Ratio Lower Upper

237 100

235 62.4 44.1 84.1

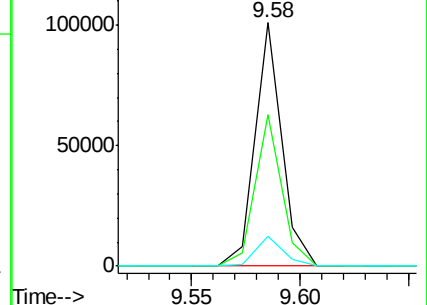
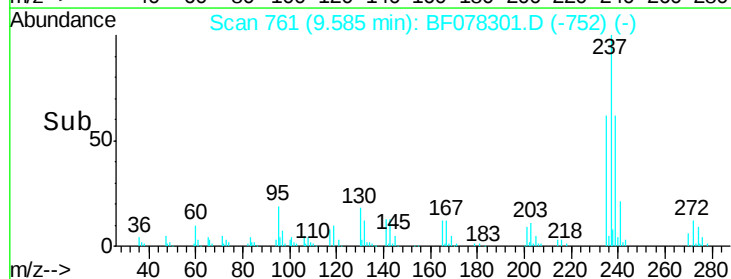
272 12.1 0.0 34.4

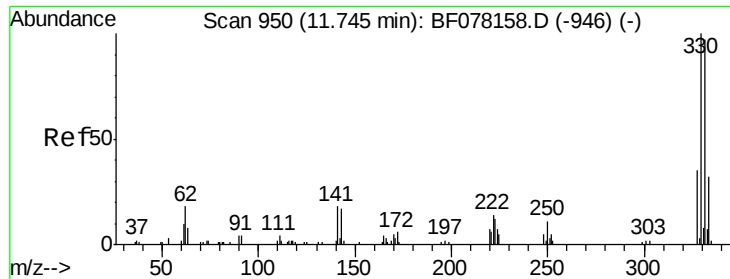


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

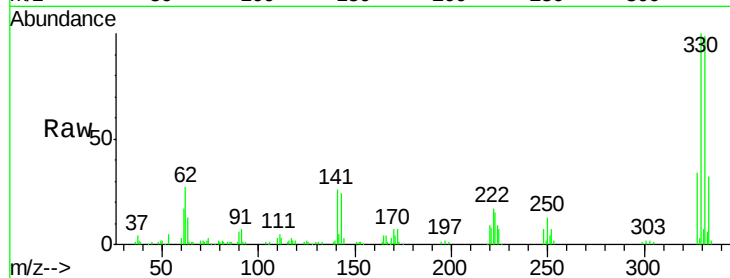




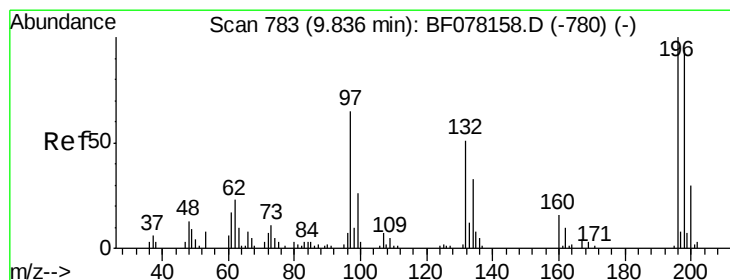
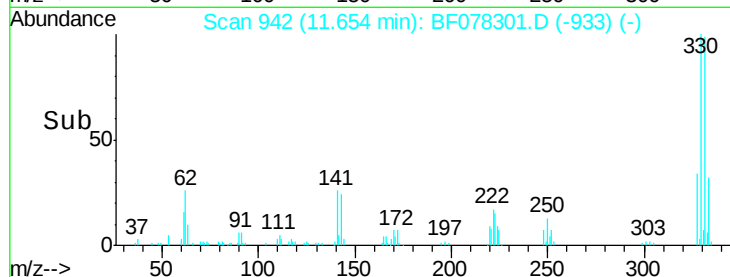
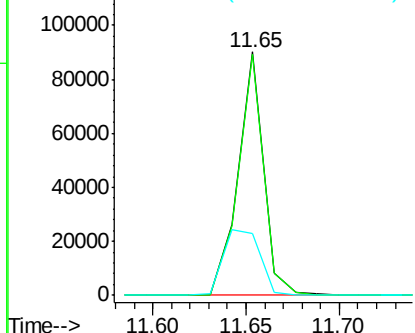
#41
 2,4,6-Tribromophenol
 Concen: 157.23 ng
 RT: 11.65 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:330 Resp: 86587
 Ion Ratio Lower Upper
 330 100
 332 98.8 78.6 117.8
 141 38.9 31.2 46.8

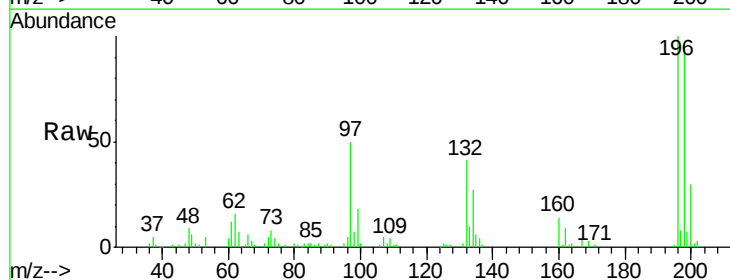


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

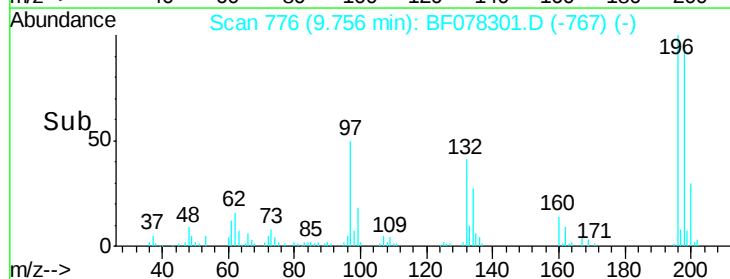
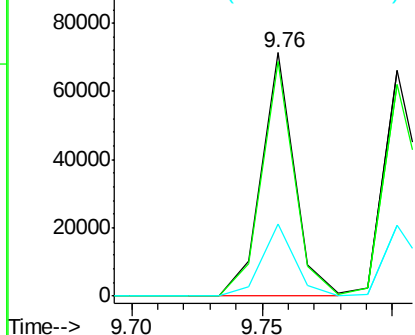


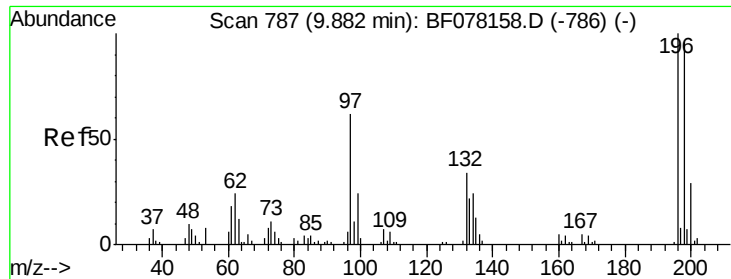
#42
 2,4,6-Trichlorophenol
 Concen: 48.30 ng
 RT: 9.76 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:196 Resp: 62673
 Ion Ratio Lower Upper
 196 100
 198 96.4 75.4 113.2
 200 29.6 24.0 36.0



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

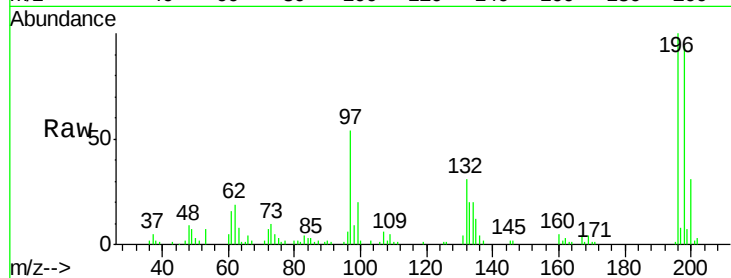




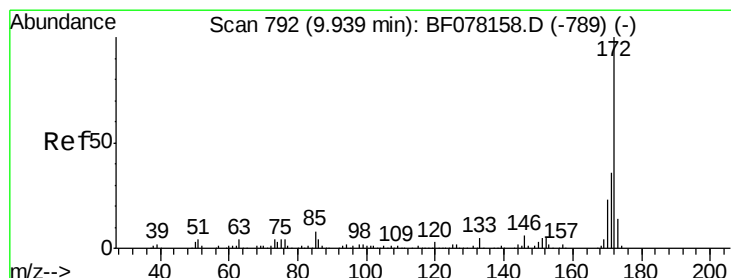
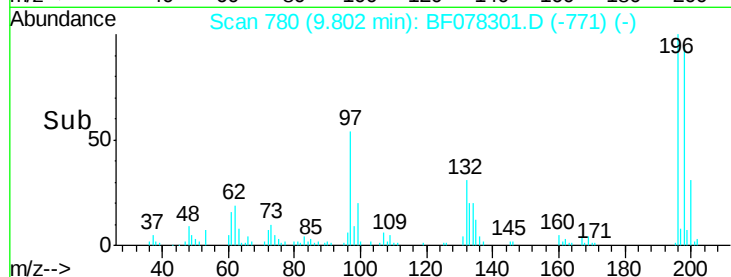
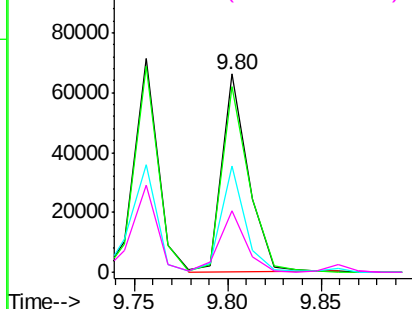
#43
 2,4,5-Trichlorophenol
 Concen: 47.97 ng
 RT: 9.80 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:196 Resp: 65025
 Ion Ratio Lower Upper
 196 100
 198 93.6 76.6 115.0
 97 53.6 50.6 75.8
 132 31.4 27.7 41.5

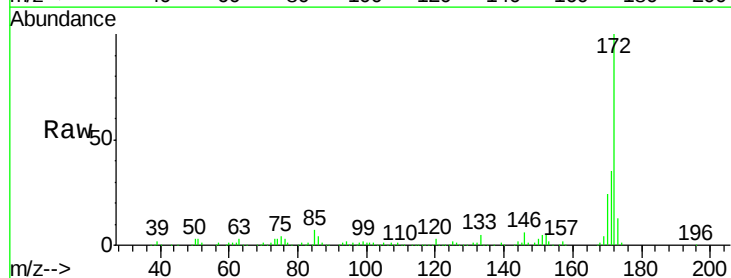


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

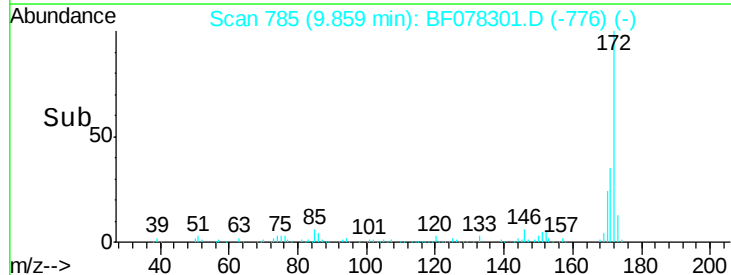
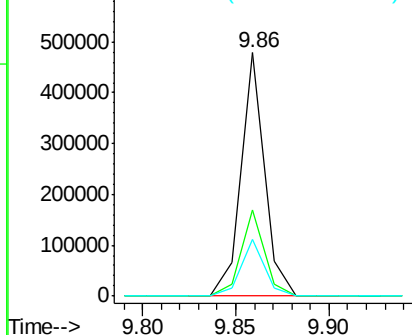


#44
 2-Fluorobiphenyl
 Concen: 90.64 ng
 RT: 9.86 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:172 Resp: 421079
 Ion Ratio Lower Upper
 172 100
 171 35.2 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

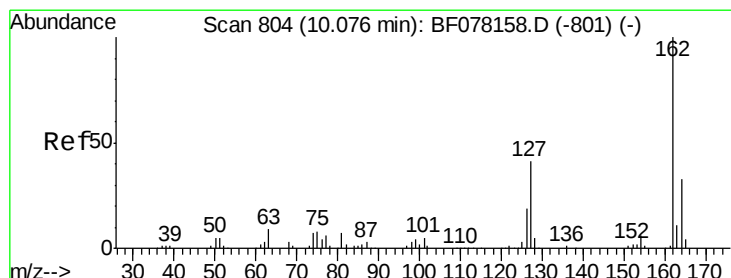
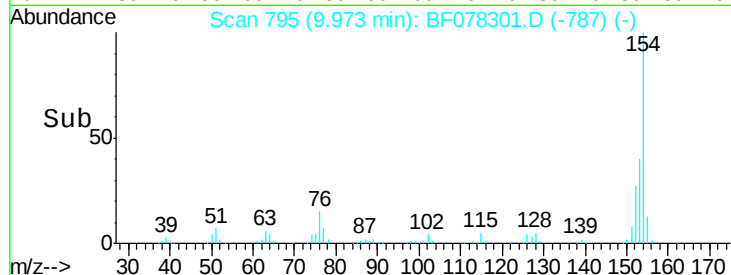
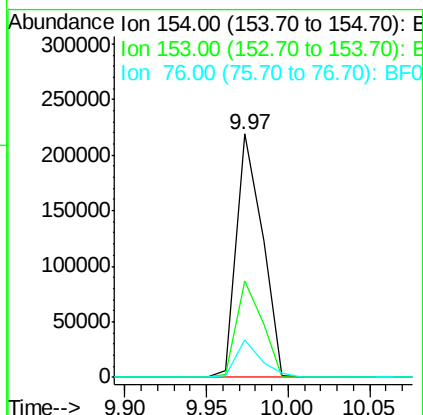
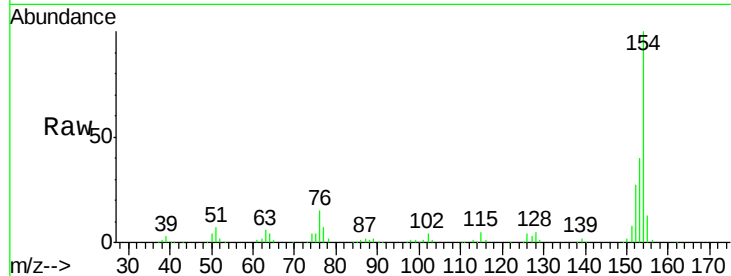




#45
 1,1'-Biphenyl
 Concen: 44.17 ng
 RT: 9.97 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

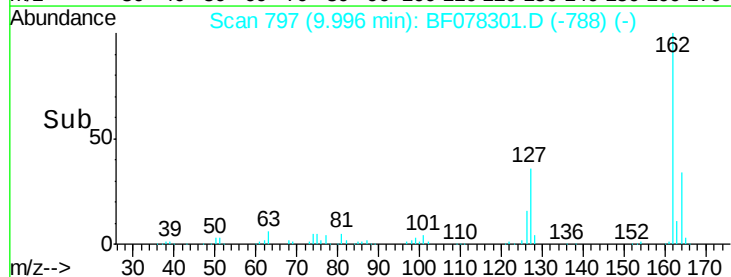
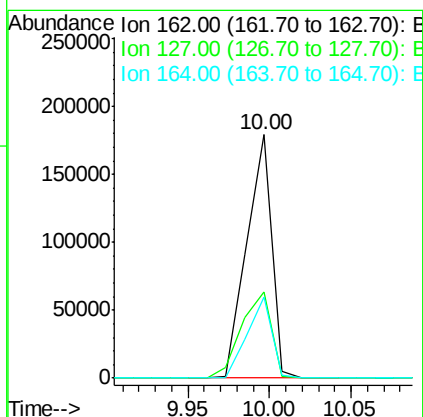
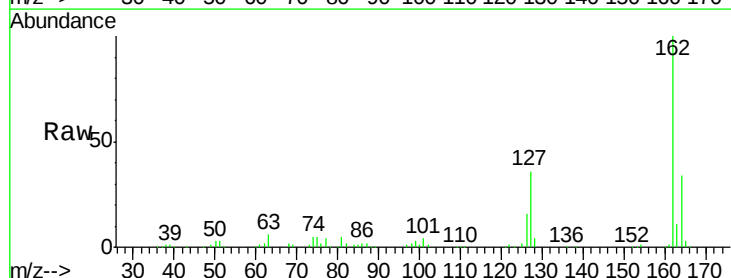
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:154 Resp: 239907
 Ion Ratio Lower Upper
 154 100
 153 39.6 20.0 60.0
 76 15.3 0.0 30.6



#46
 2-Chloronaphthalene
 Concen: 44.46 ng
 RT: 10.00 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:162 Resp: 189987
 Ion Ratio Lower Upper
 162 100
 127 35.6 32.6 49.0
 164 33.5 26.0 39.0

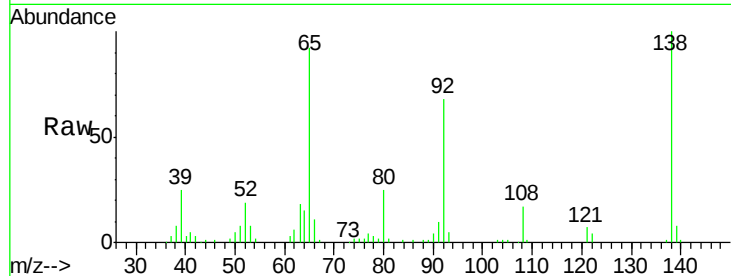




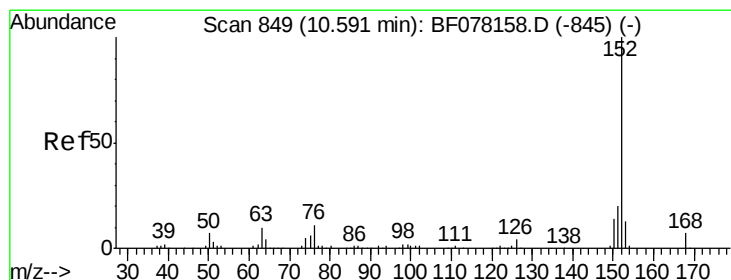
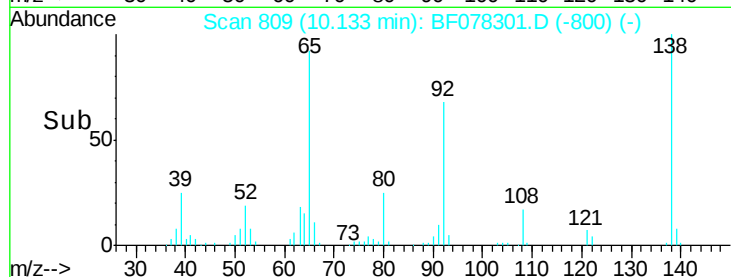
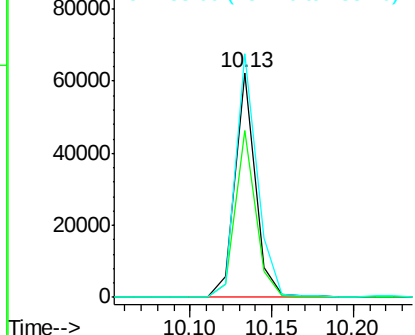
#47
2-Nitroaniline
Concen: 50.58 ng
RT: 10.13 min Scan# 809
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
PB82574BS

Tgt Ion: 65 Resp: 53478
Ion Ratio Lower Upper
65 100
92 74.2 51.3 76.9
138 108.5 70.4 105.6#

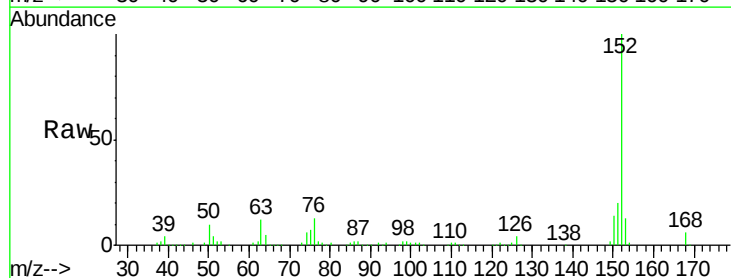


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

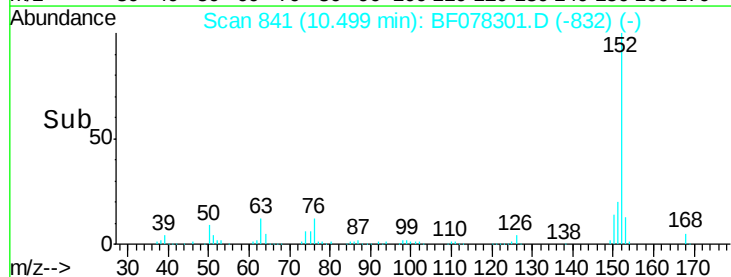
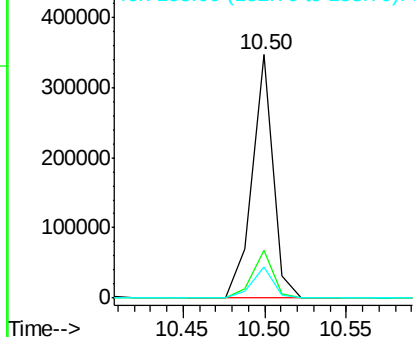


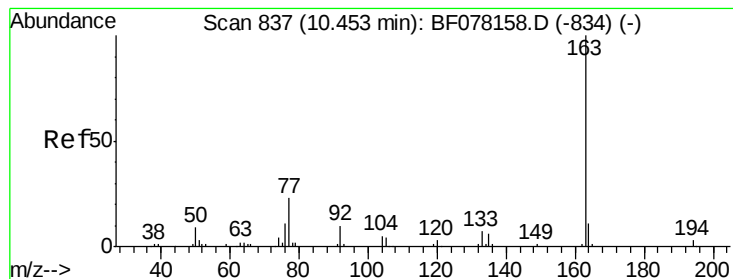
#48
Acenaphthylene
Concen: 44.70 ng
RT: 10.50 min Scan# 841
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion: 152 Resp: 308475
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.0 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: 44.64 ng

RT: 10.37 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

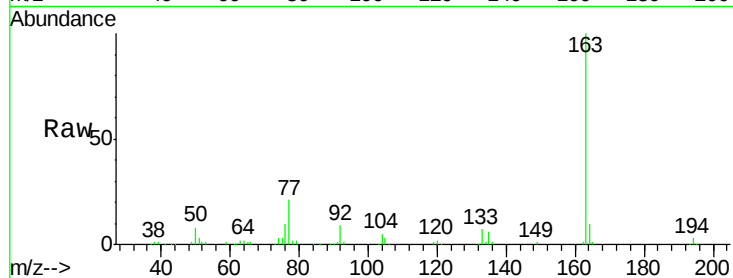
Tgt Ion:163 Resp: 222673

Ion Ratio Lower Upper

163 100

194 3.3 2.3 3.5

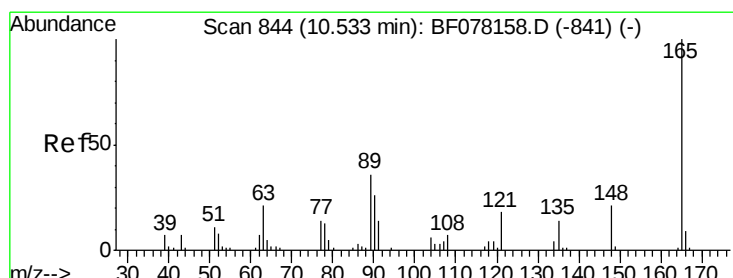
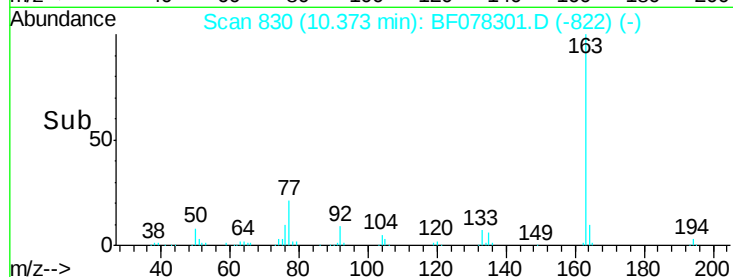
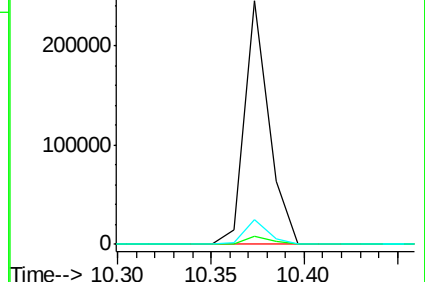
164 10.1 8.6 13.0



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: 45.59 ng

RT: 10.44 min Scan# 836

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

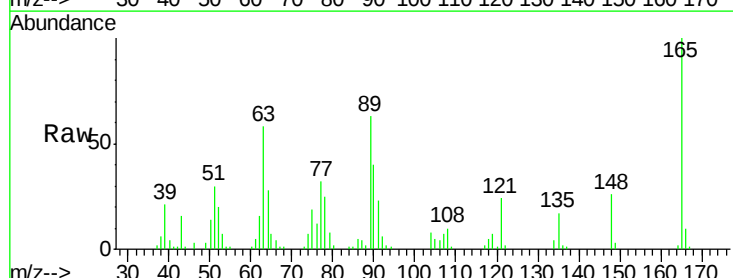
Tgt Ion:165 Resp: 46797

Ion Ratio Lower Upper

165 100

63 58.3 24.1 36.1#

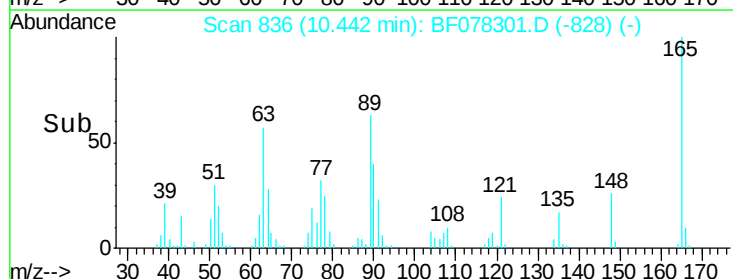
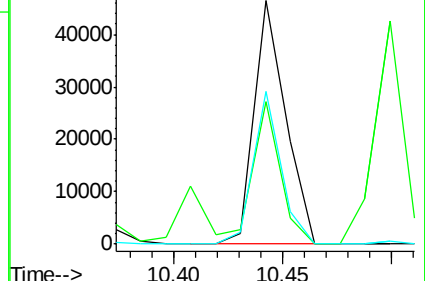
89 62.6 28.9 43.3#



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: 46.65 ng

RT: 10.72 min Scan# 860

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

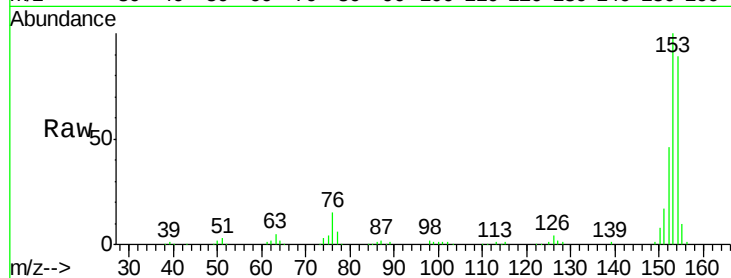
Tgt Ion:154 Resp: 181243

Ion Ratio Lower Upper

154 100

153 112.0 91.4 137.2

152 51.9 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

250000

200000

150000

100000

50000

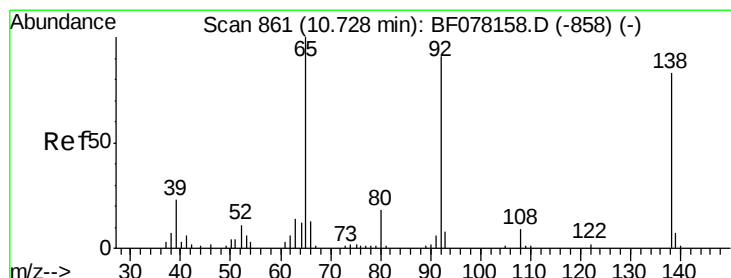
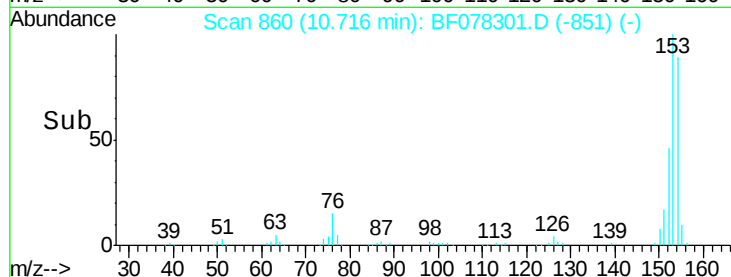
0

10.65

10.70

10.75

Time-->



#52

3-Nitroaniline

Concen: 29.44 ng

RT: 10.65 min Scan# 854

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

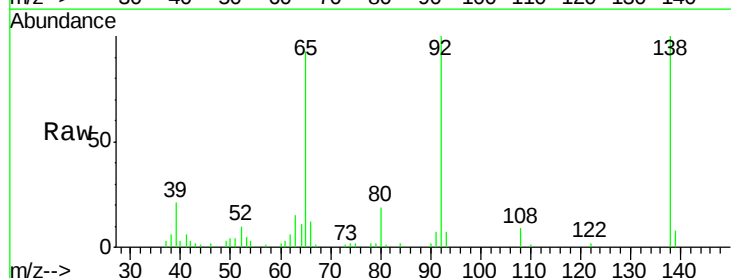
Tgt Ion:138 Resp: 34358

Ion Ratio Lower Upper

138 100

108 8.9 8.2 12.4

92 99.9 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

40000

30000

20000

10000

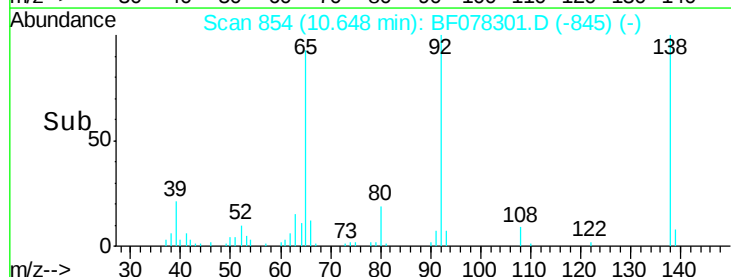
0

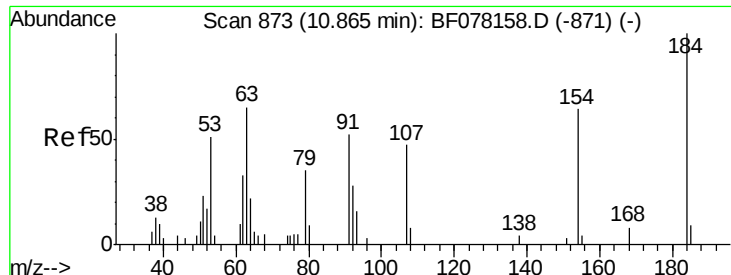
10.60

10.65

10.70

Time-->

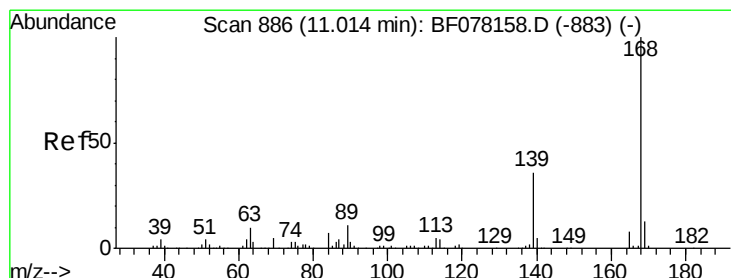
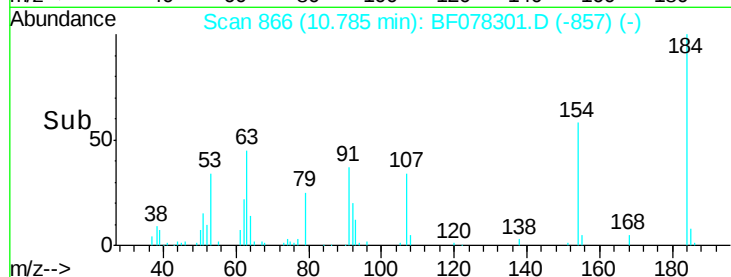
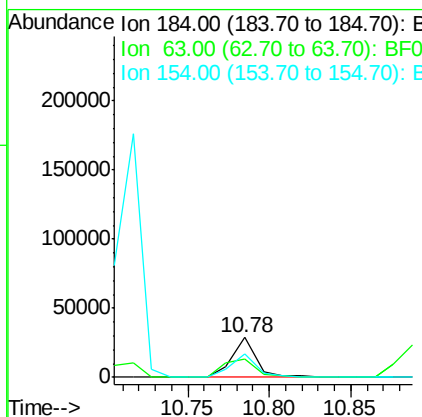
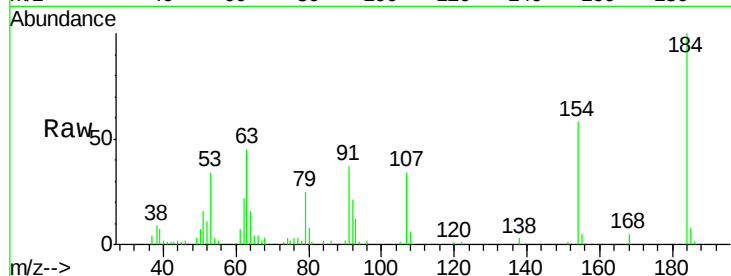




#53
 2,4-Dinitrophenol
 Concen: 78.39 ng
 RT: 10.78 min Scan# 866
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

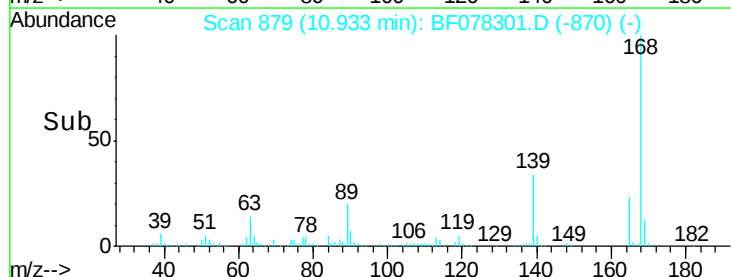
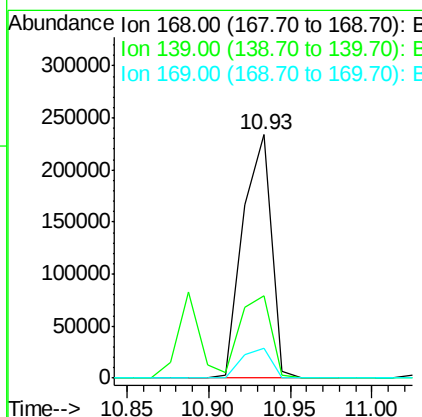
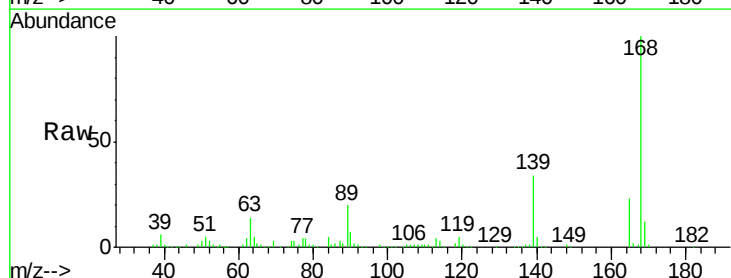
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

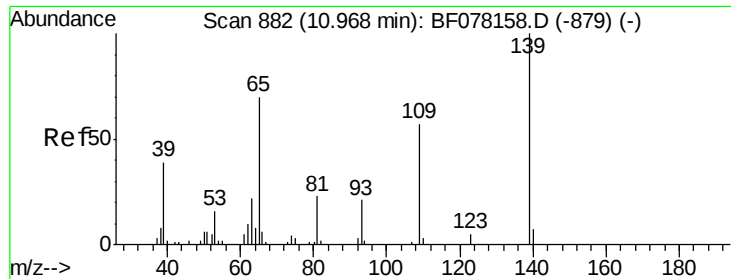
Tgt Ion:184 Resp: 30979
 Ion Ratio Lower Upper
 184 100
 63 44.5 51.9 77.9#
 154 58.4 51.0 76.4



#54
 Dibenzofuran
 Concen: 47.32 ng
 RT: 10.93 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:168 Resp: 280822
 Ion Ratio Lower Upper
 168 100
 139 33.6 31.0 46.4
 169 12.4 10.7 16.1





#55

4-Nitrophenol

Concen: 93.11 ng

RT: 10.89 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

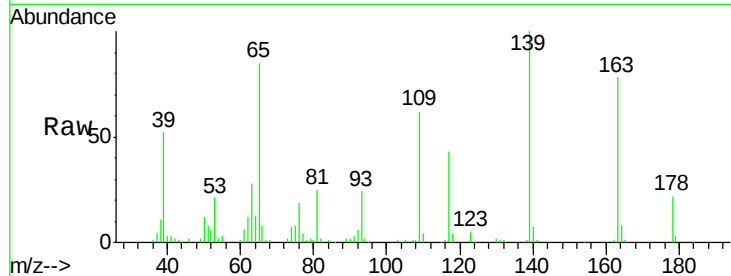
Tgt Ion:139 Resp: 80413

Ion Ratio Lower Upper

139 100

109 62.0 36.7 76.7

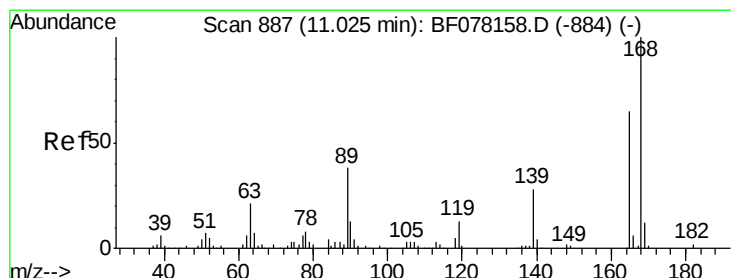
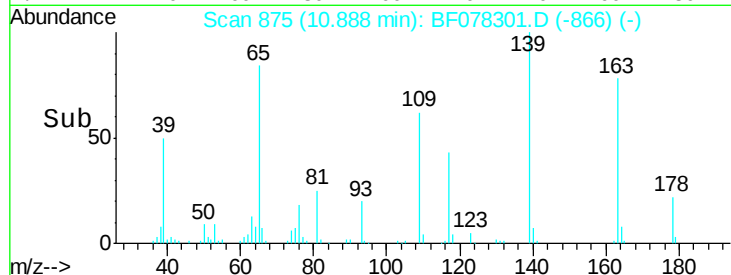
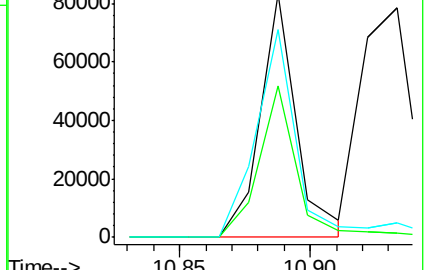
65 85.1 49.9 89.9



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 48.90 ng

RT: 10.93 min Scan# 879

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Tgt Ion:165 Resp: 64998

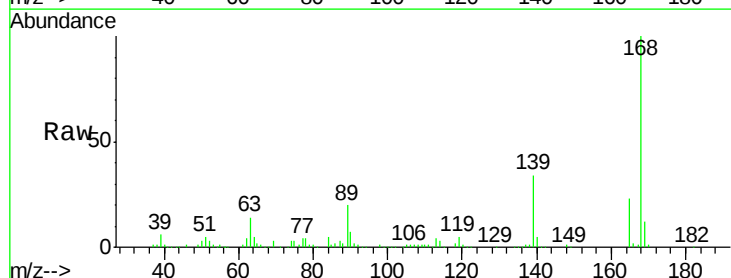
Ion Ratio Lower Upper

165 100

63 62.7 26.5 39.7#

89 89.1 46.4 69.6#

182 2.0 2.0 3.0

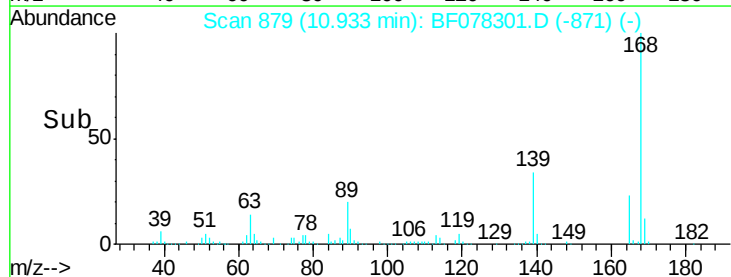
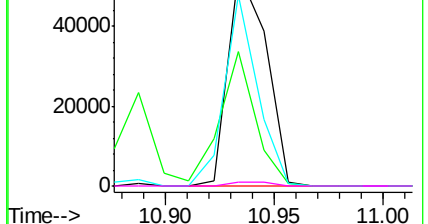


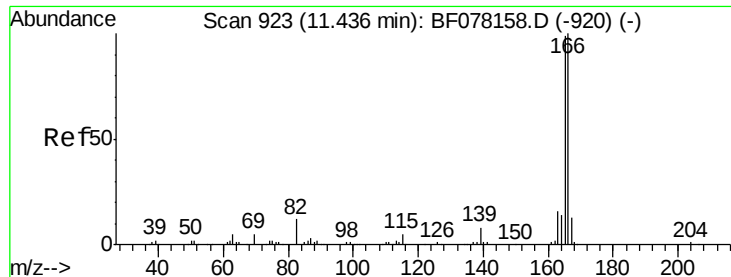
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

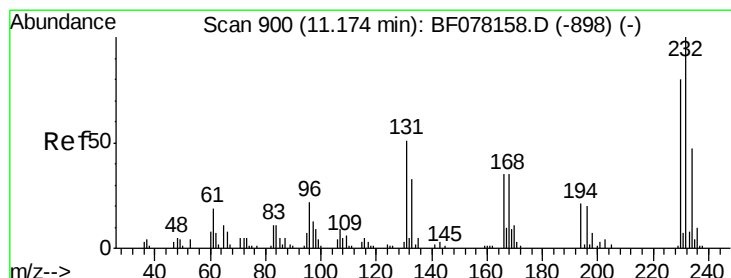
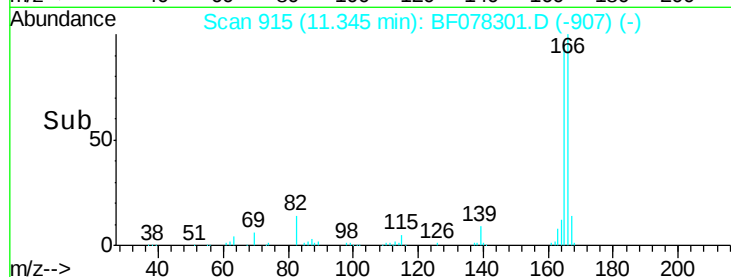
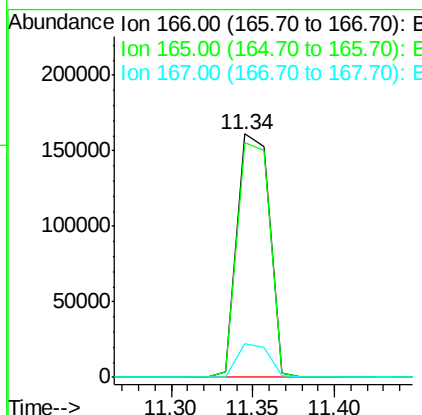
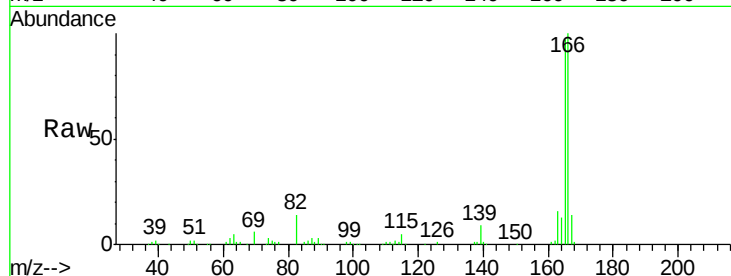




#57
 Fluorene
 Concen: 45.79 ng
 RT: 11.34 min Scan# 915
 Delta R.T. -0.01 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

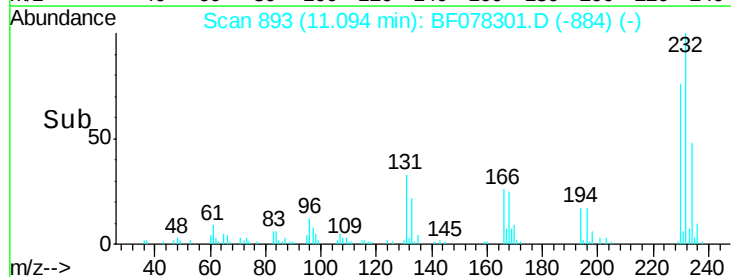
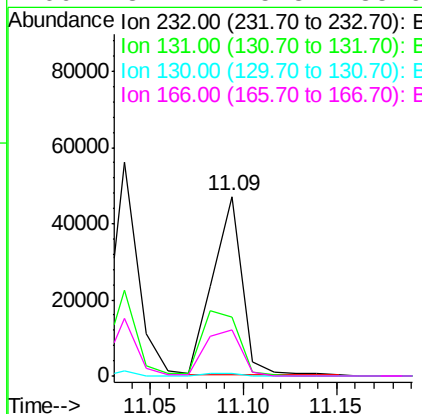
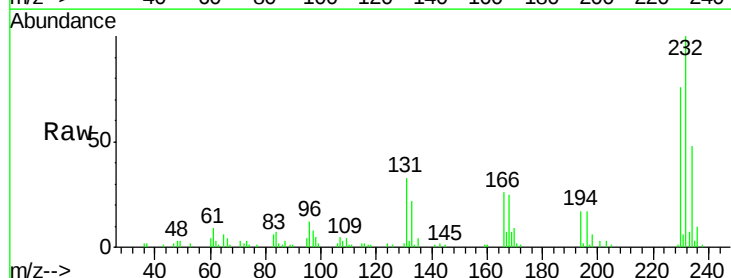
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

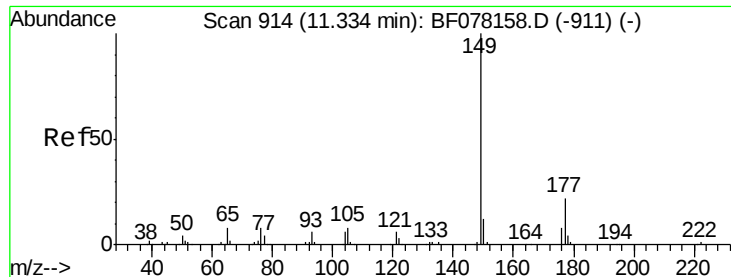
Tgt Ion:166 Resp: 220247
 Ion Ratio Lower Upper
 166 100
 165 96.5 78.9 118.3
 167 13.7 10.7 16.1



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 51.17 ng
 RT: 11.09 min Scan# 893
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:232 Resp: 51428
 Ion Ratio Lower Upper
 232 100
 131 45.7 37.8 56.8
 130 2.2 1.5 2.3
 166 31.4 25.8 38.6

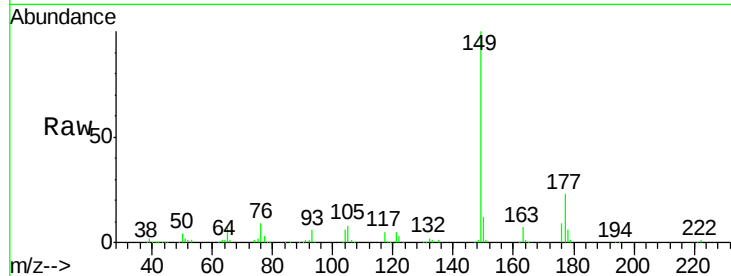




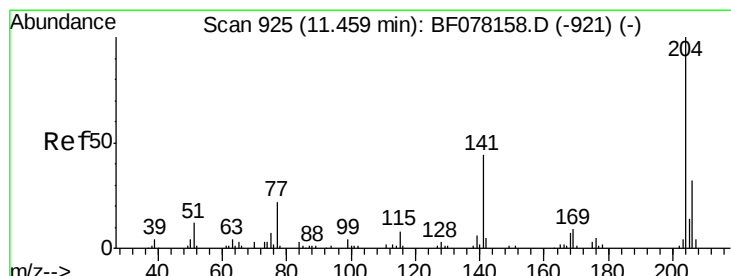
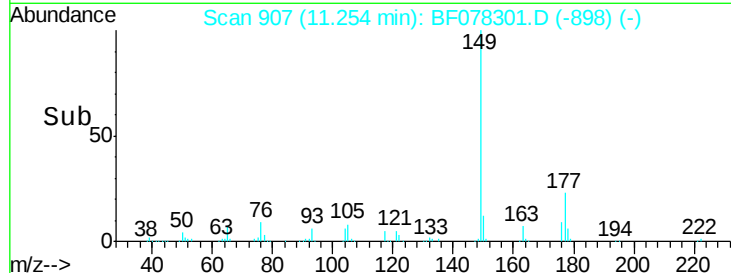
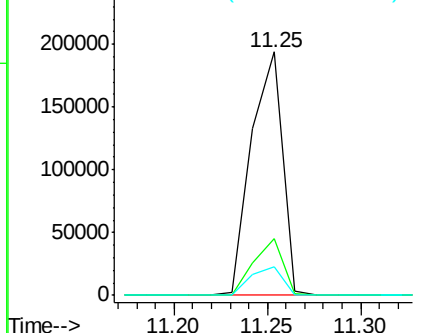
#59
Diethylphthalate
Concen: 47.53 ng
RT: 11.25 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
PB82574BS

Tgt Ion:149 Resp: 228638
Ion Ratio Lower Upper
149 100
177 23.1 17.4 26.2
150 11.7 9.4 14.2

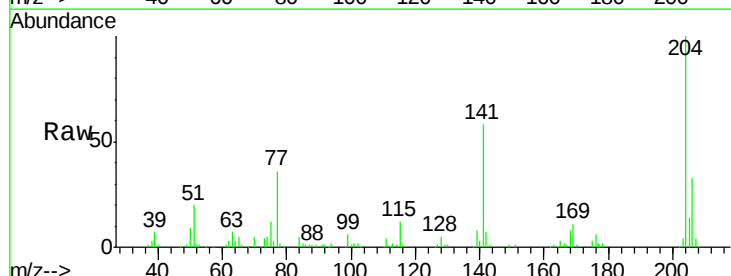


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

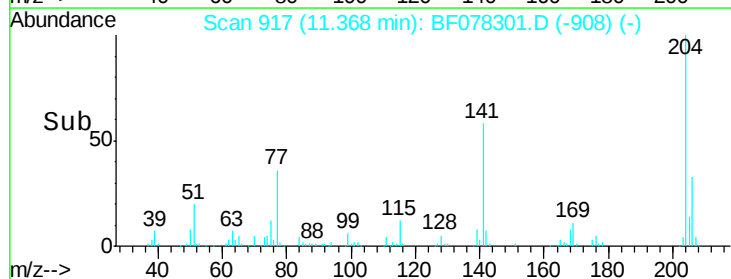
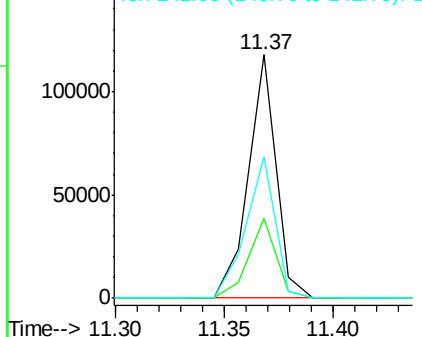


#60
4-Chlorophenyl-phenylether
Concen: 47.08 ng
RT: 11.37 min Scan# 917
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:204 Resp: 104180
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 57.8 35.4 53.0#



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

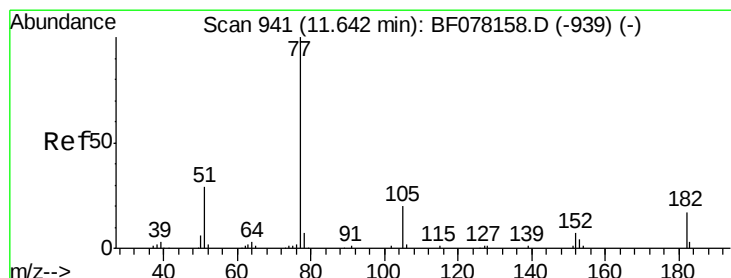
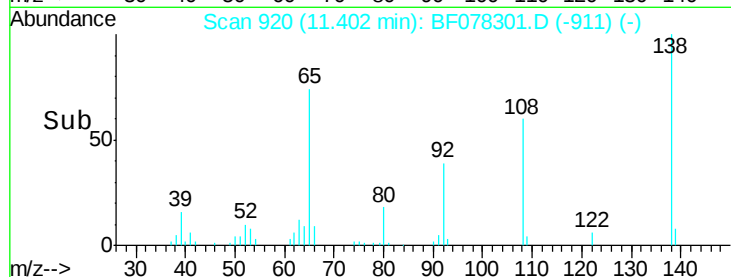
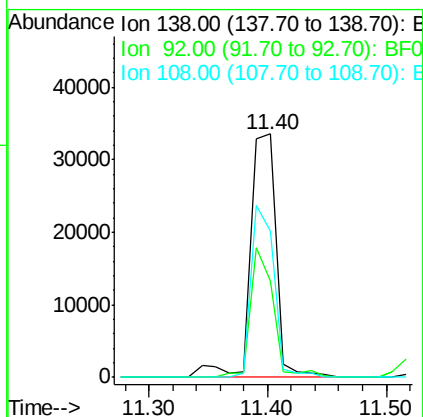
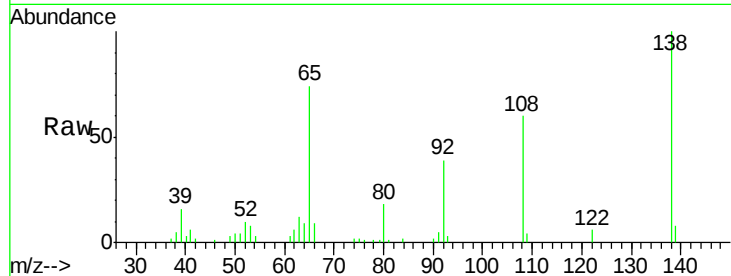




#61
4-Nitroaniline
Concen: 43.26 ng
RT: 11.40 min Scan# 920
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

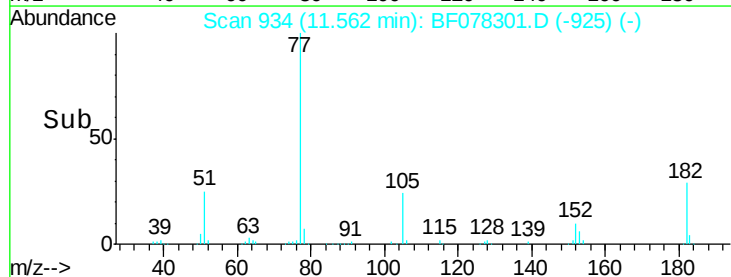
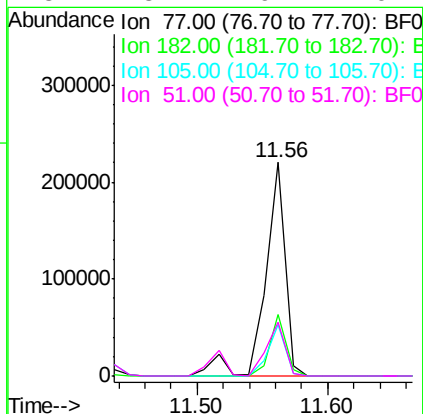
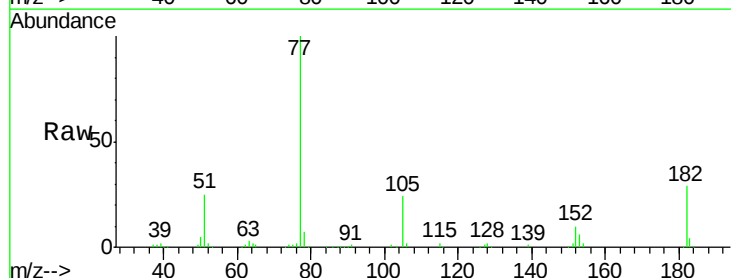
Instrument :
BNA_F
ClientSampleId :
PB82574BS

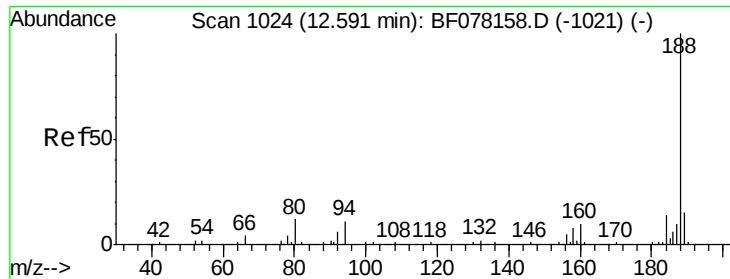
Tgt Ion: 138 Resp: 51038
Ion Ratio Lower Upper
138 100
92 39.5 27.3 67.3
108 60.1 47.2 87.2



#62
Azobenzene
Concen: 54.12 ng
RT: 11.56 min Scan# 934
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion: 77 Resp: 237591
Ion Ratio Lower Upper
77 100
182 28.6 0.0 36.8
105 24.0 0.3 40.3
51 25.4 9.1 49.1

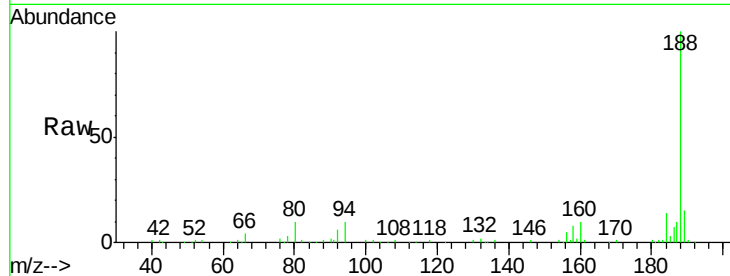




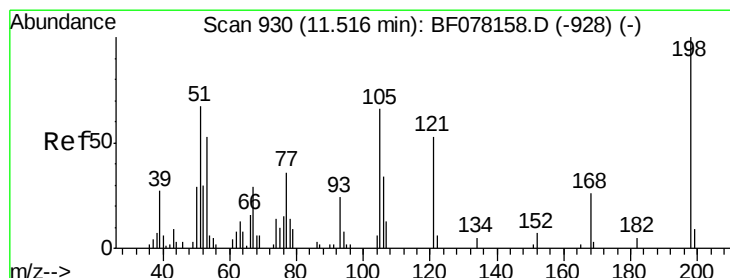
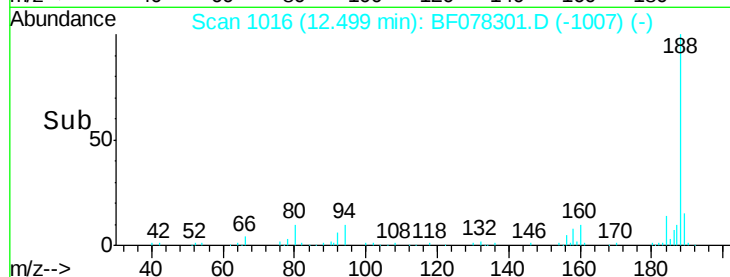
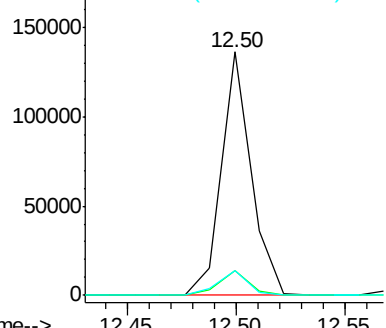
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.50 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
PB82574BS

Tgt Ion:188 Resp: 129313
Ion Ratio Lower Upper
188 100
94 10.1 9.0 13.4
80 10.3 9.5 14.3

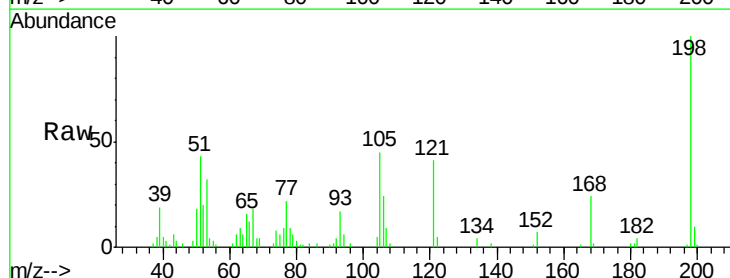


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

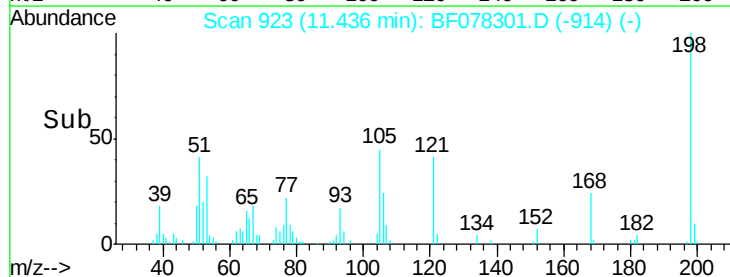
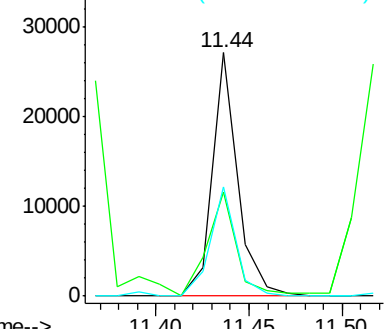


#64
4,6-Dinitro-2-methylphenol
Concen: 41.40 ng
RT: 11.44 min Scan# 923
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:198 Resp: 25655
Ion Ratio Lower Upper
198 100
51 42.7 48.6 88.6#
105 44.8 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

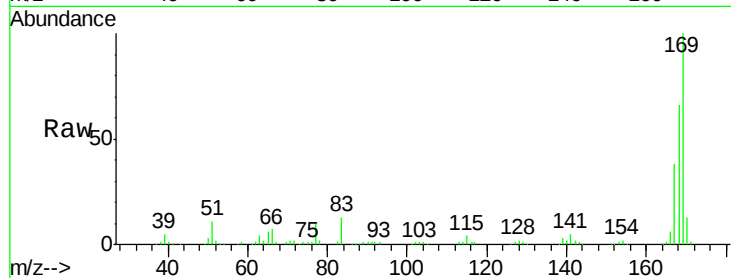




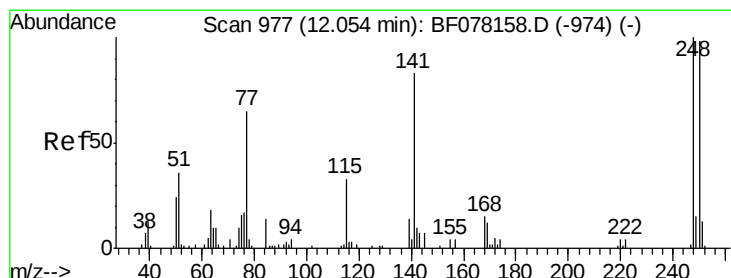
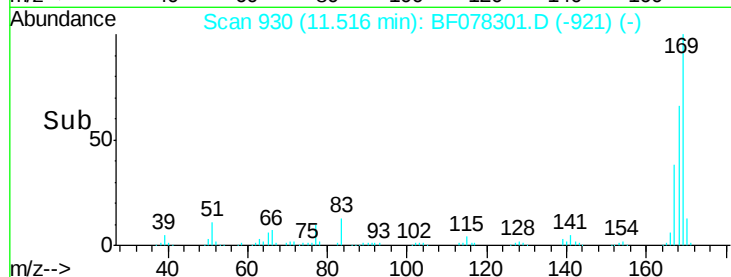
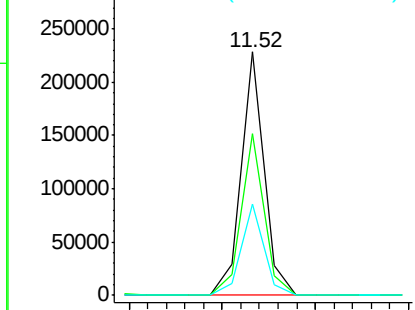
#65
 n-Nitrosodiphenylamine
 Concen: 43.85 ng
 RT: 11.52 min Scan# 930
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:169 Resp: 196154
 Ion Ratio Lower Upper
 169 100
 168 66.5 55.0 82.4
 167 37.8 29.3 43.9

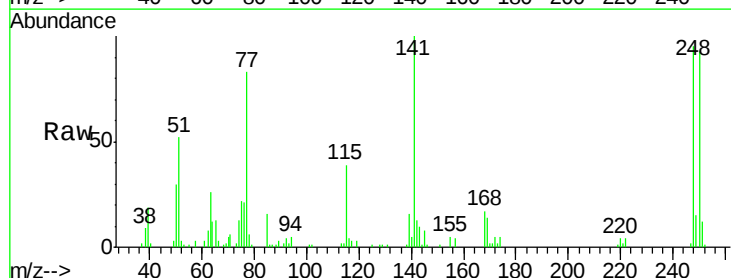


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

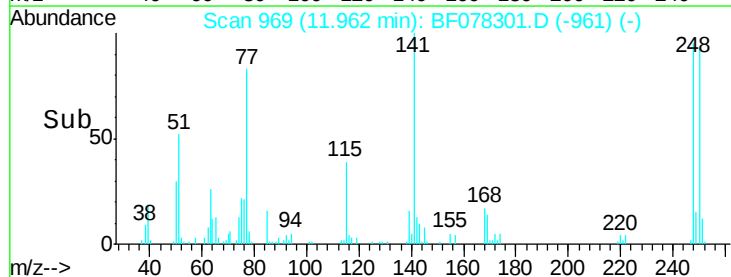
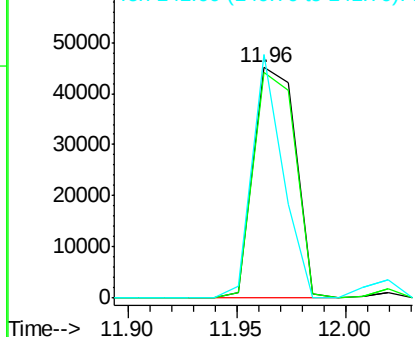


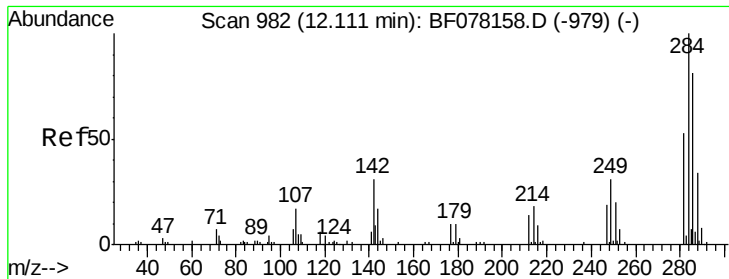
#66
 4-Bromophenyl-phenylether
 Concen: 44.69 ng
 RT: 11.96 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:248 Resp: 61203
 Ion Ratio Lower Upper
 248 100
 250 97.7 78.2 117.2
 141 105.7 66.4 99.6#



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





#67

Hexachlorobenzene

Concen: 44.22 ng

RT: 12.02 min Scan# 974

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

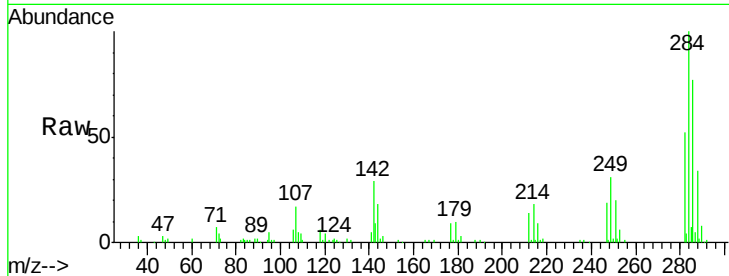
Tgt Ion:284 Resp: 66354

Ion Ratio Lower Upper

284 100

142 28.9 24.5 36.7

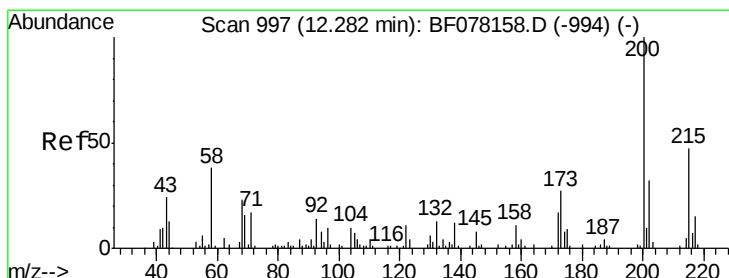
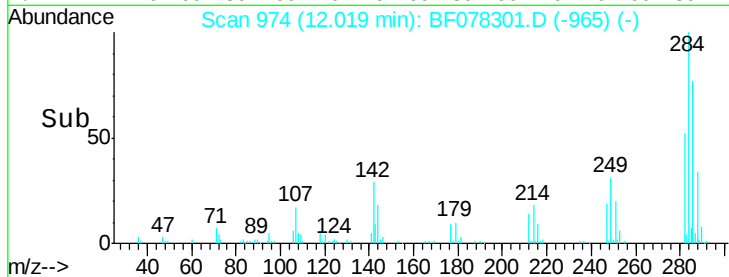
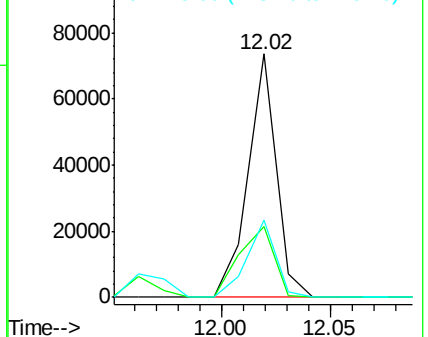
249 31.5 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 48.92 ng

RT: 12.19 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

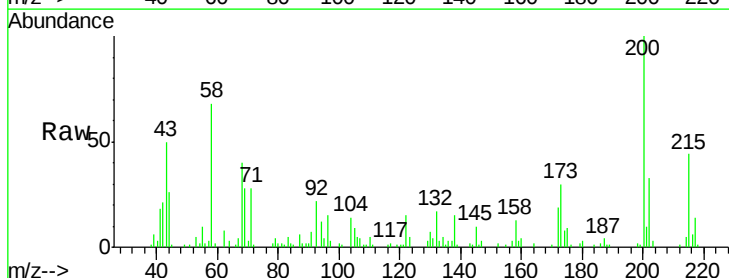
Tgt Ion:200 Resp: 63373

Ion Ratio Lower Upper

200 100

173 29.6 6.9 46.9

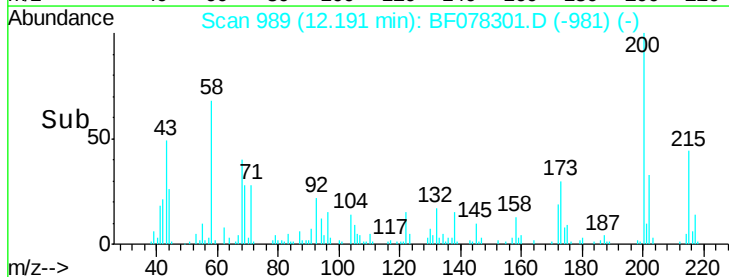
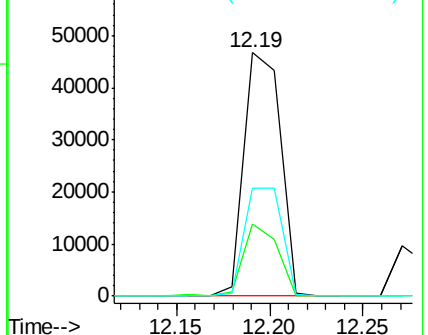
215 44.2 27.1 67.1



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

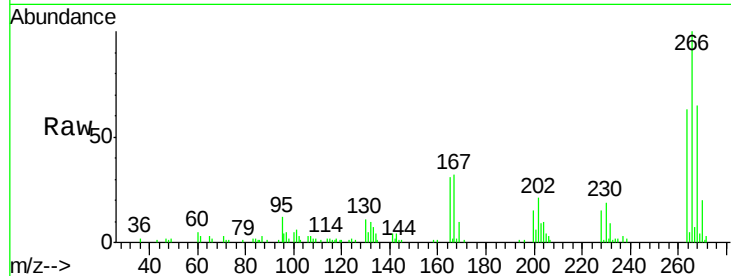




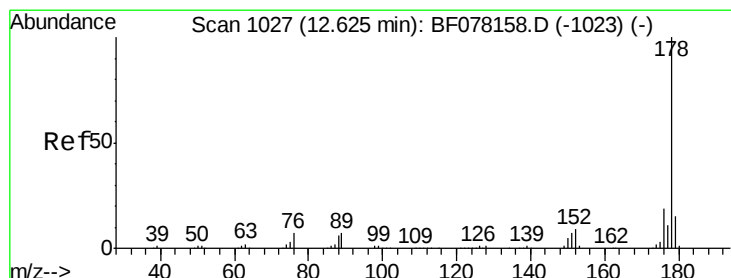
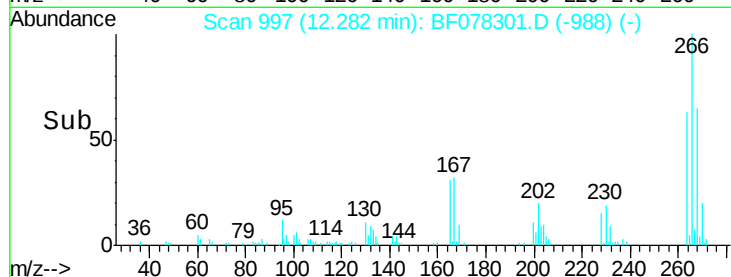
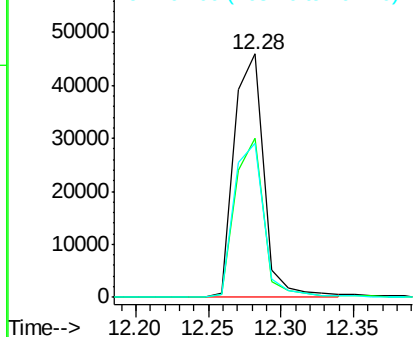
#69
 Pentachlorophenol
 Concen: 96.75 ng
 RT: 12.28 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion:266 Resp: 65583
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.1 75.1
 264 63.3 50.0 75.0

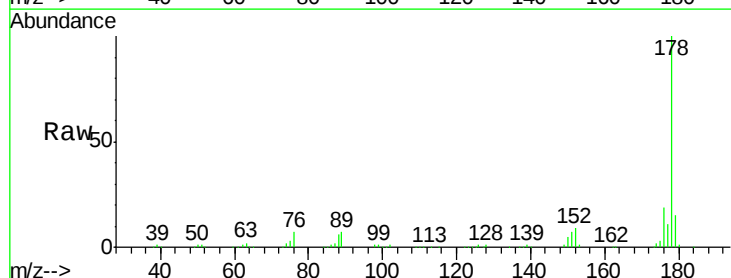


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

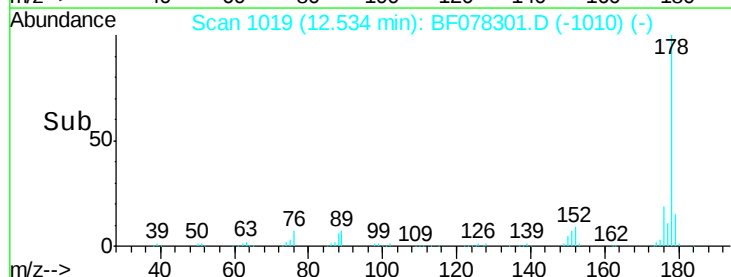
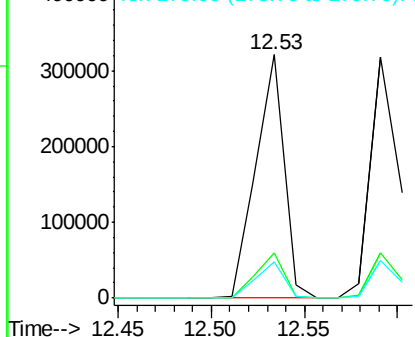


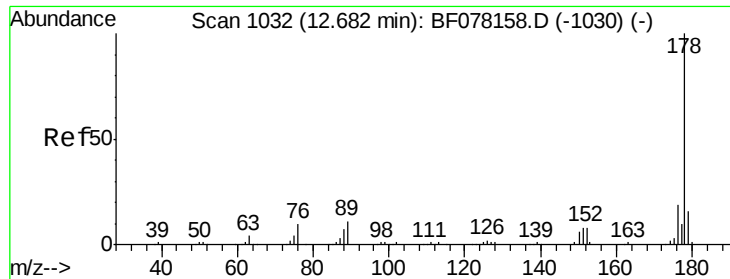
#70
 Phenanthrene
 Concen: 44.98 ng
 RT: 12.53 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:178 Resp: 336442
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.4 23.0
 179 15.0 12.2 18.2



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

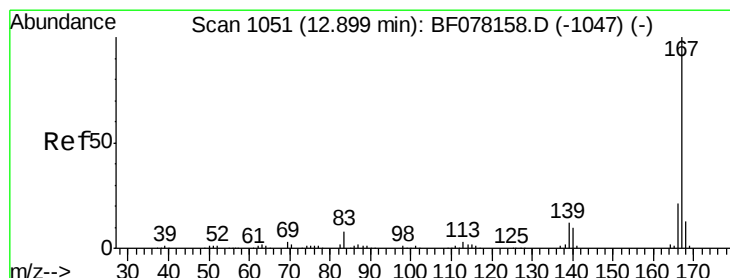
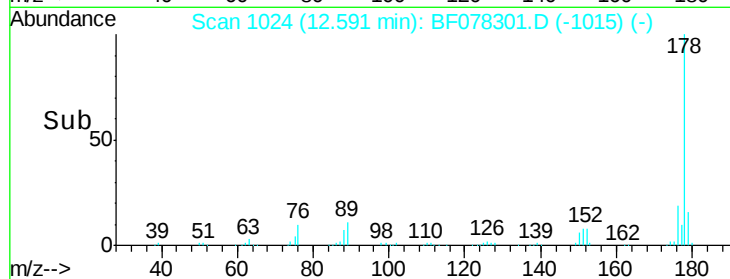
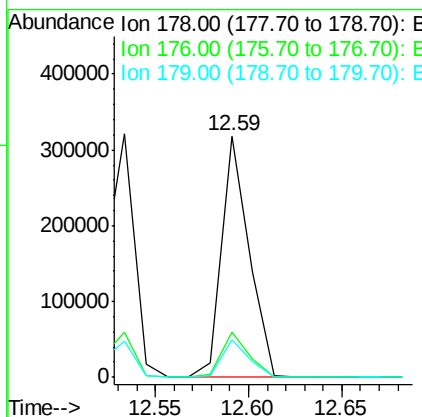
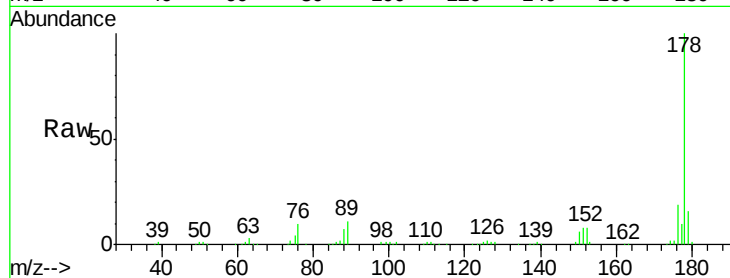




#71
 Anthracene
 Concen: 44.82 ng
 RT: 12.59 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

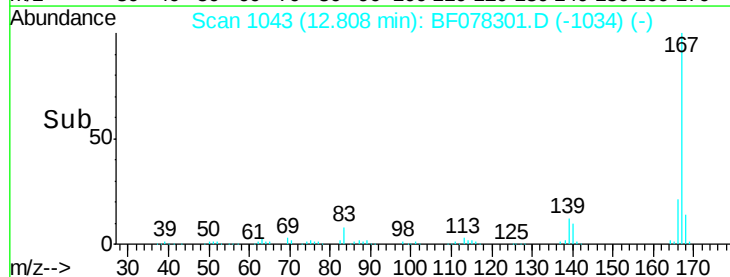
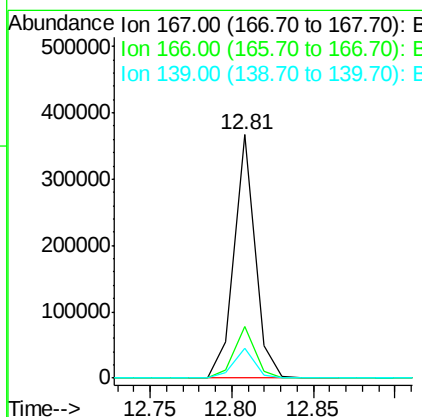
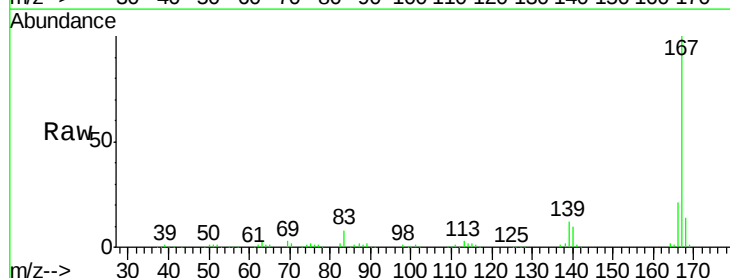
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

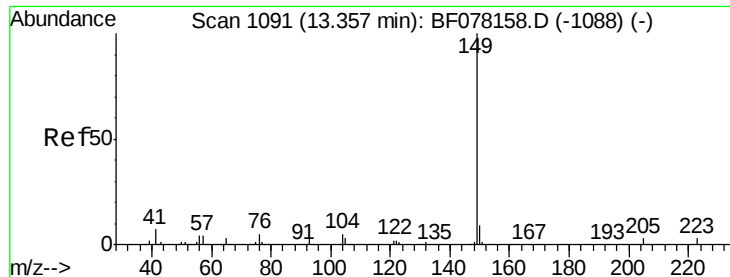
Tgt Ion:178 Resp: 330339
 Ion Ratio Lower Upper
 178 100
 176 18.7 14.8 22.2
 179 15.7 12.4 18.6



#72
 Carbazole
 Concen: 47.17 ng
 RT: 12.81 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion:167 Resp: 325825
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 12.4 10.0 15.0

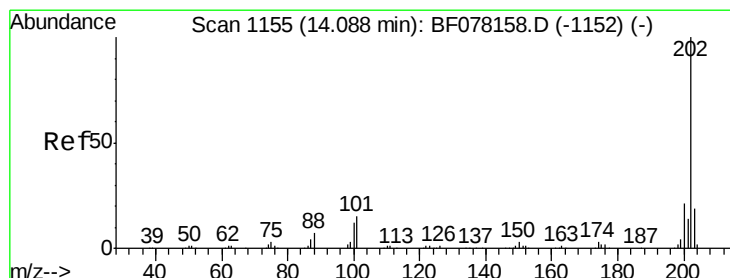
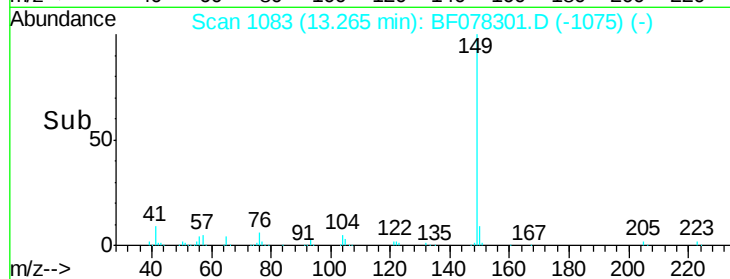
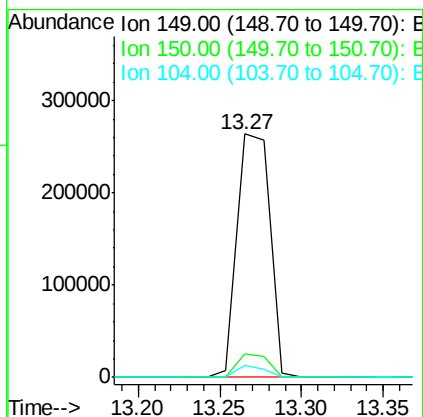
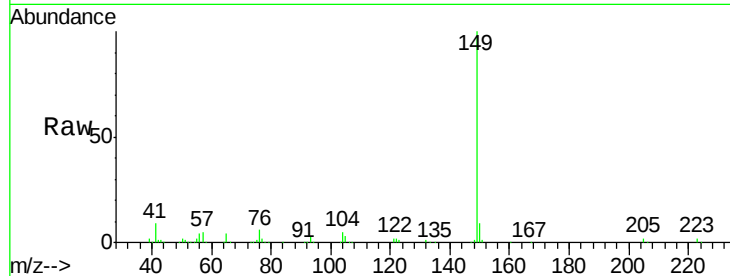




#73
Di-n-butylphthalate
Concen: 46.71 ng
RT: 13.27 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

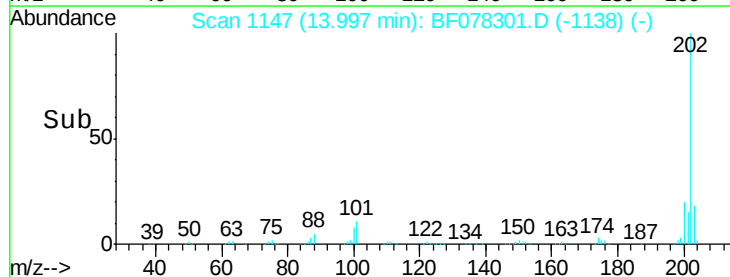
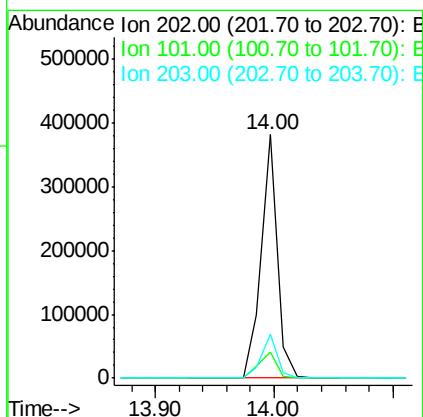
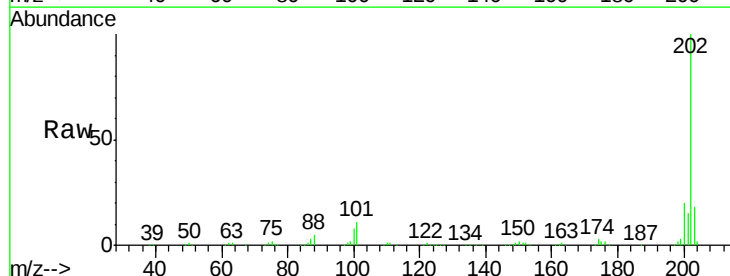
Instrument :
BNA_F
ClientSampleId :
PB82574BS

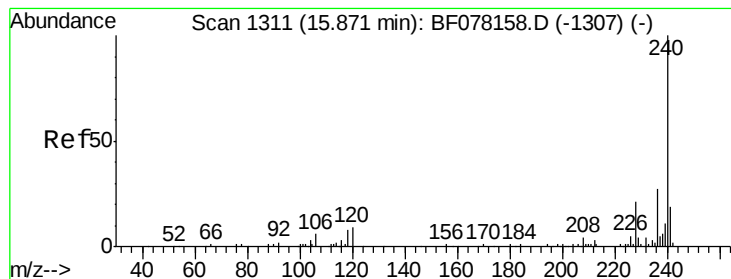
Tgt Ion:149 Resp: 365523
Ion Ratio Lower Upper
149 100
150 9.4 7.1 10.7
104 5.2 3.8 5.6



#74
Fluoranthene
Concen: 46.70 ng
RT: 14.00 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:202 Resp: 368409
Ion Ratio Lower Upper
202 100
101 10.9 0.0 35.2
203 17.8 0.0 38.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.77 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

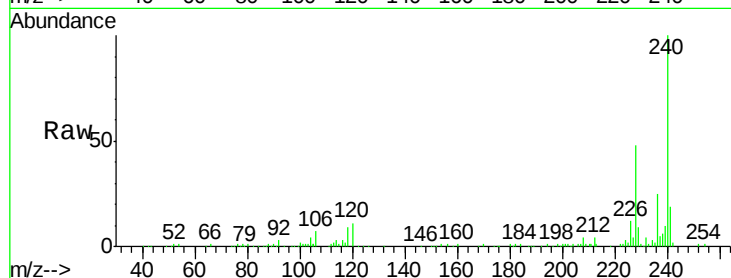
Tgt Ion:240 Resp: 134919

Ion Ratio Lower Upper

240 100

120 11.1 7.1 10.7#

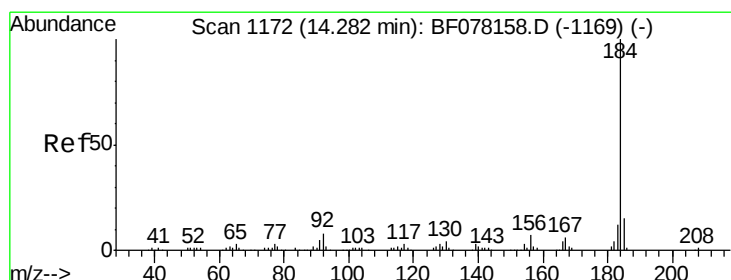
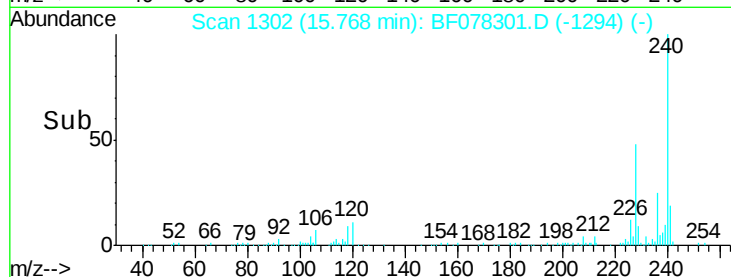
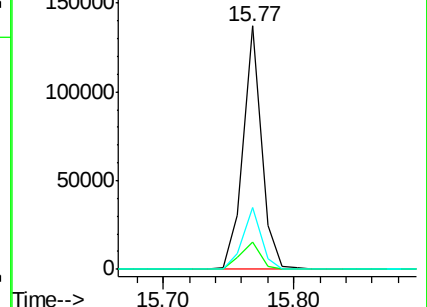
236 25.3 21.4 32.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 26.77 ng

RT: 14.19 min Scan# 1164

Delta R.T. -0.00 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

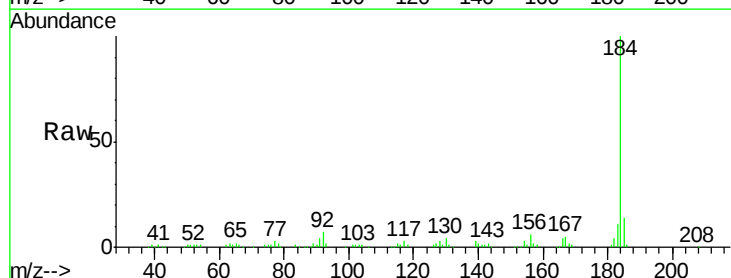
Tgt Ion:184 Resp: 139083

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.2

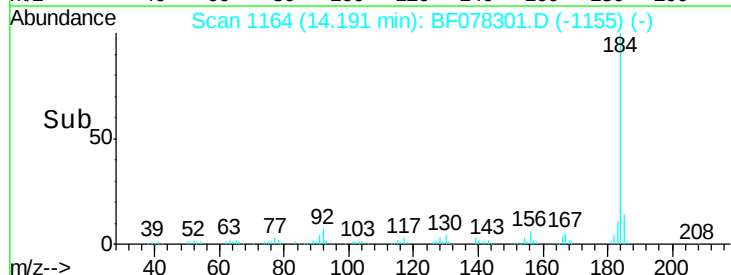
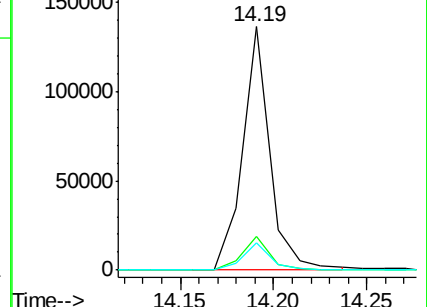
183 11.2 9.5 14.3

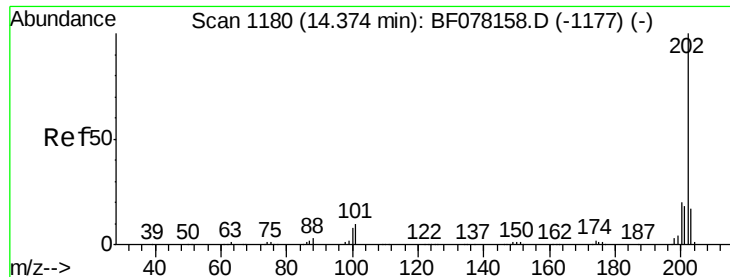


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

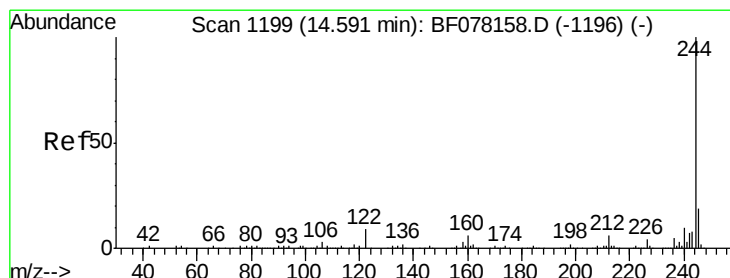
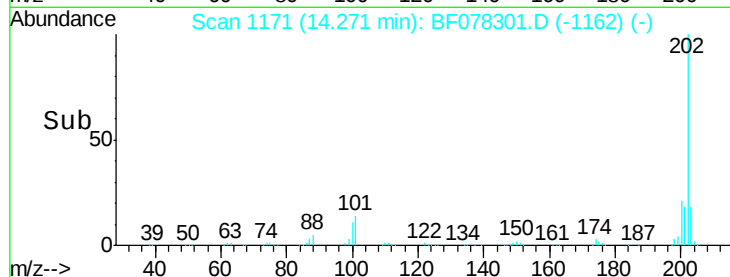
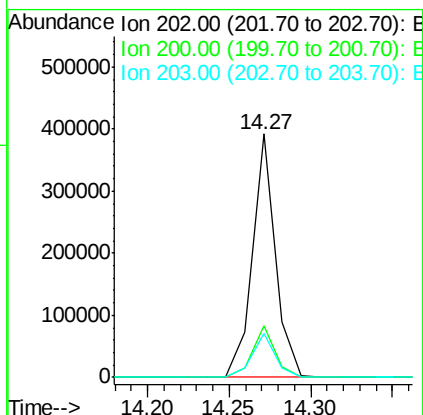
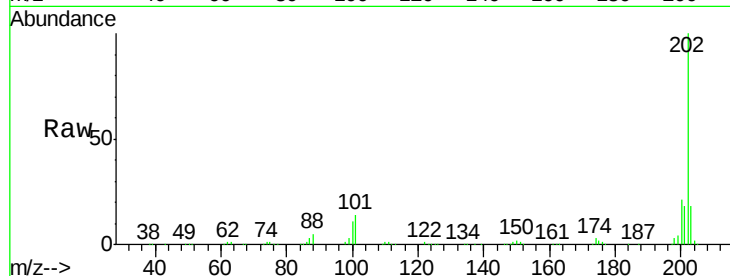




#77
 Pyrene
 Concen: 45.19 ng
 RT: 14.27 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

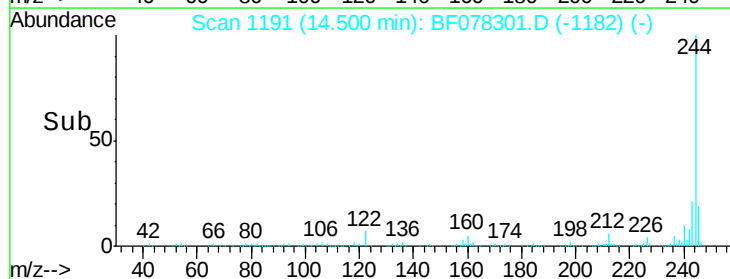
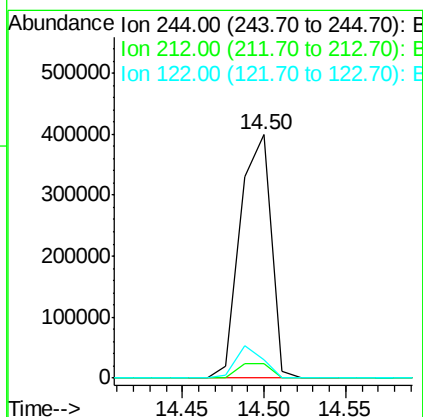
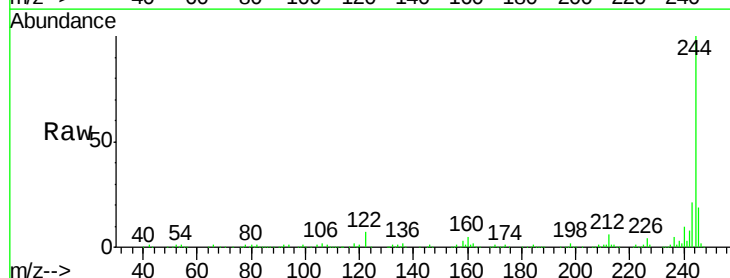
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion: 202 Resp: 382721
 Ion Ratio Lower Upper
 202 100
 200 21.2 16.3 24.5
 203 18.2 13.8 20.6



#78
 Terphenyl-d14
 Concen: 87.50 ng
 RT: 14.50 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion: 244 Resp: 522432
 Ion Ratio Lower Upper
 244 100
 212 5.9 5.0 7.4
 122 7.4 7.1 10.7





#79

Butylbenzylphthalate

Concen: 51.40 ng

RT: 15.12 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

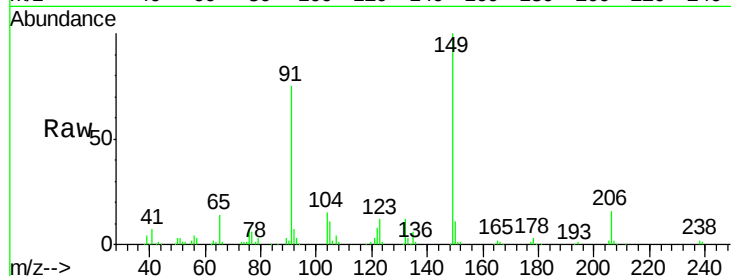
Tgt Ion:149 Resp: 165910

Ion Ratio Lower Upper

149 100

91 75.1 64.2 96.2

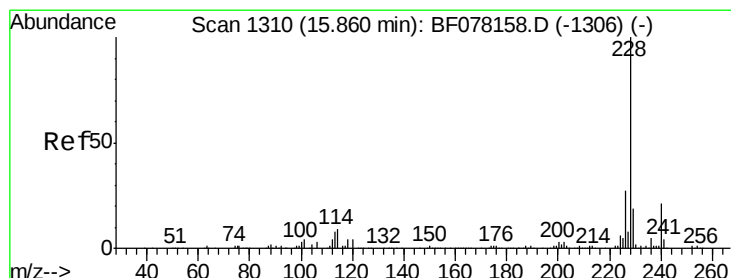
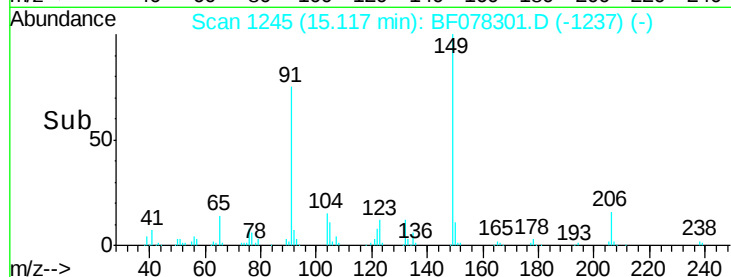
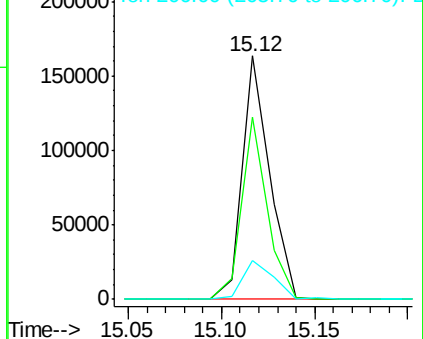
206 16.1 12.6 18.8



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: 44.49 ng

RT: 15.76 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

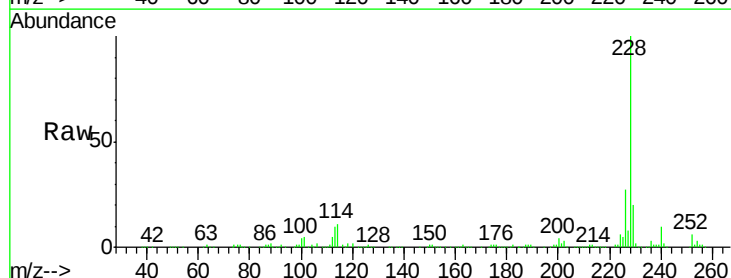
Tgt Ion:228 Resp: 357177

Ion Ratio Lower Upper

228 100

226 27.3 21.3 31.9

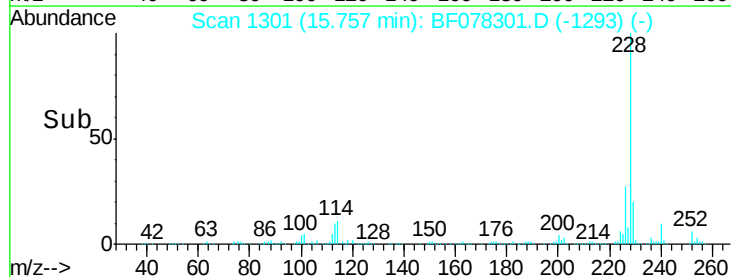
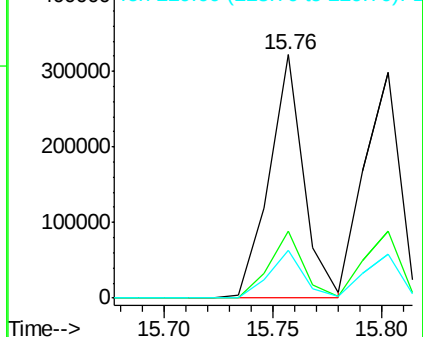
229 19.8 15.4 23.2

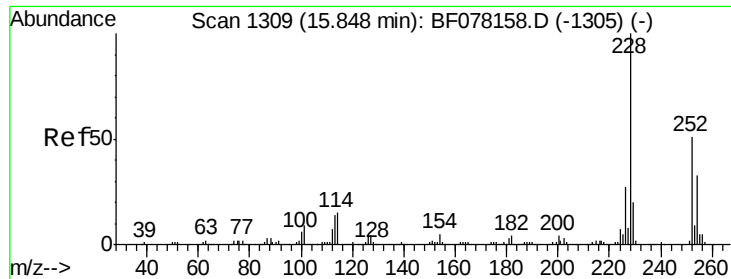


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

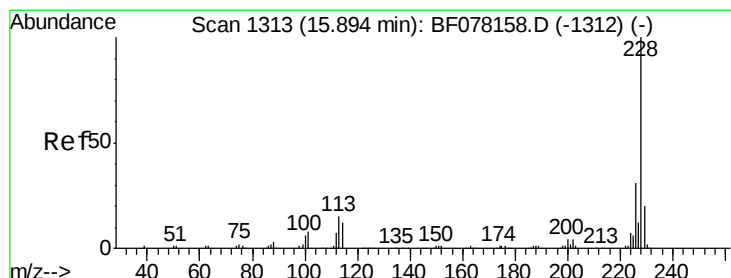
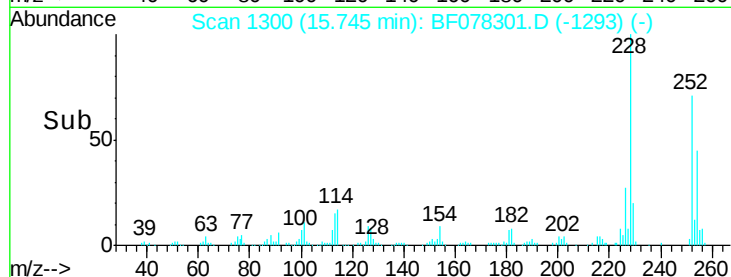
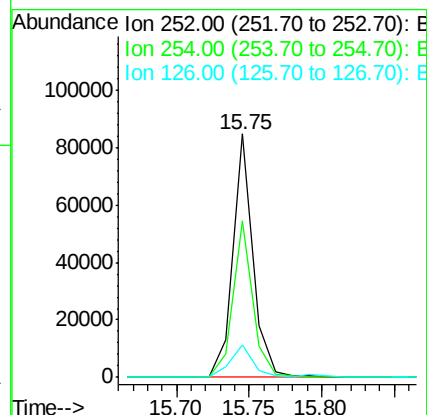
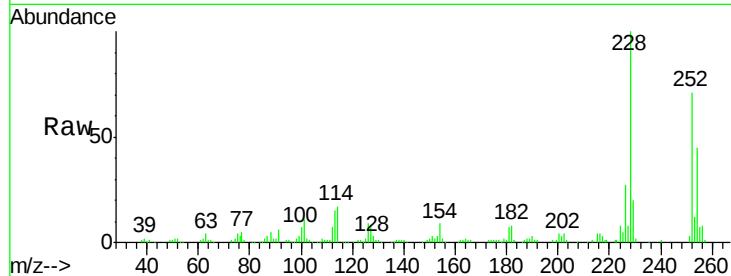




#81
 3,3'-Dichlorobenzidine
 Concen: 30.34 ng
 RT: 15.75 min Scan# 1300
 Delta R.T. -0.02 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

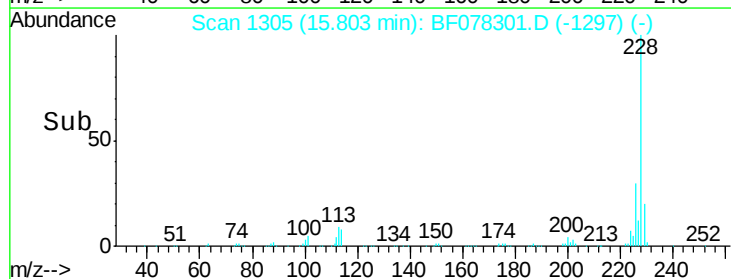
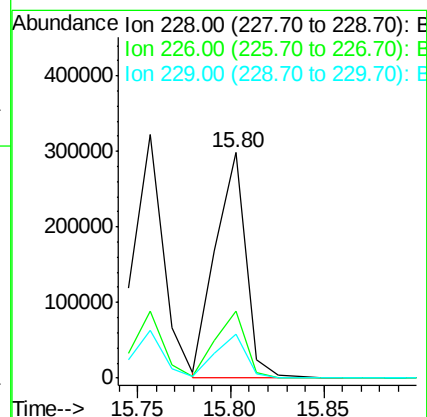
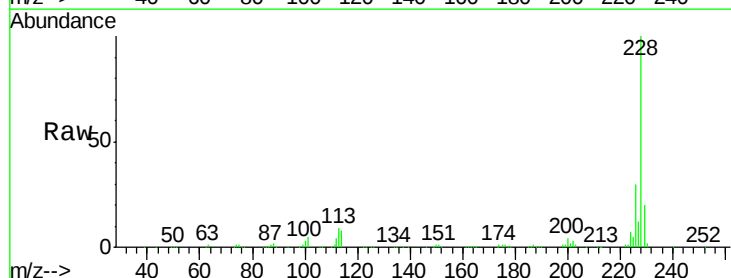
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

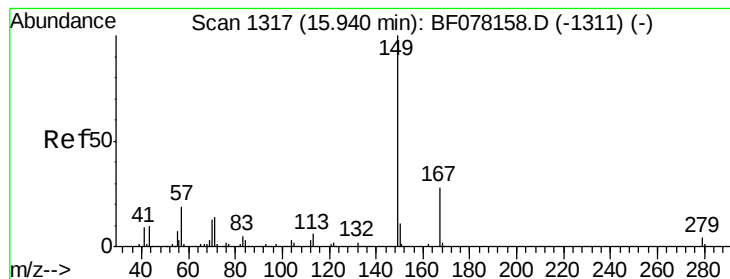
Tgt Ion: 252 Resp: 81566
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.2 76.8
 126 13.3 6.3 9.5#



#82
 Chrysene
 Concen: 45.02 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion: 228 Resp: 339553
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.2 36.4
 229 19.5 15.8 23.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 49.08 ng

RT: 15.85 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

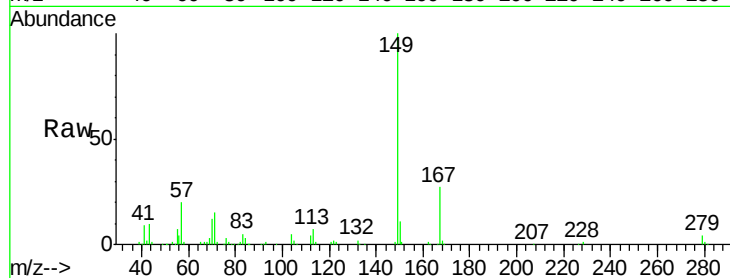
Tgt Ion:149 Resp: 248500

Ion Ratio Lower Upper

149 100

167 27.4 22.2 33.2

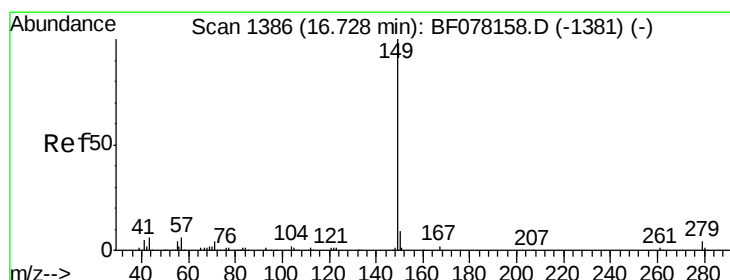
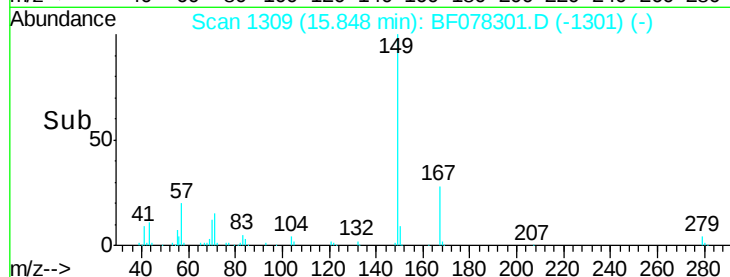
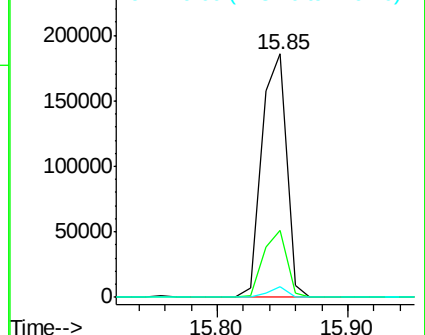
279 4.2 3.2 4.8



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: 51.46 ng

RT: 16.63 min Scan# 1377

Delta R.T. -0.06 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

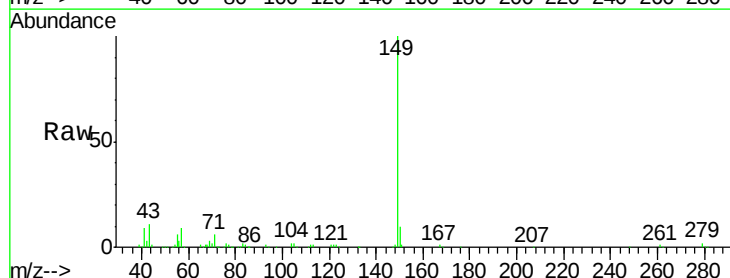
Tgt Ion:149 Resp: 427794

Ion Ratio Lower Upper

149 100

167 1.6 0.0 0.0#

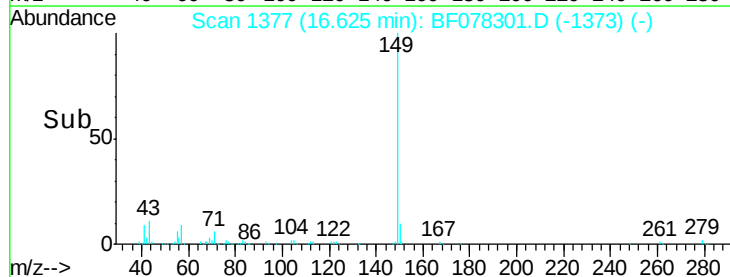
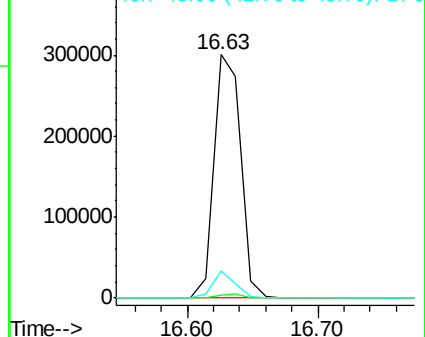
43 9.0 0.0 0.0#

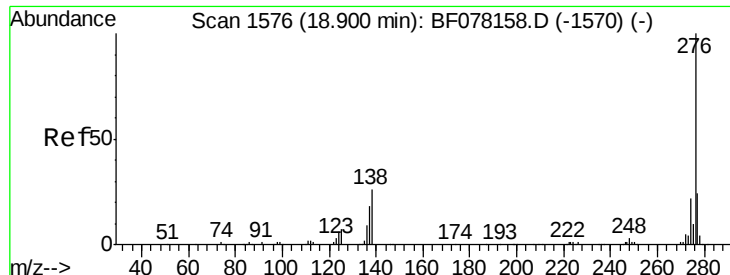


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

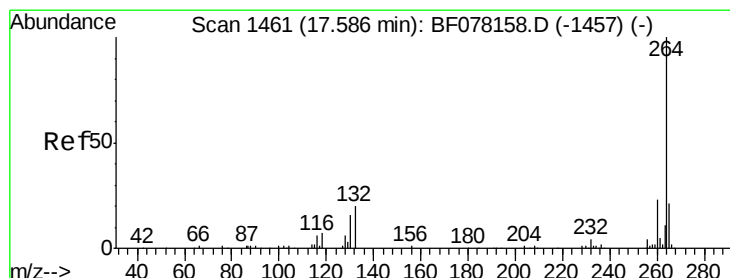
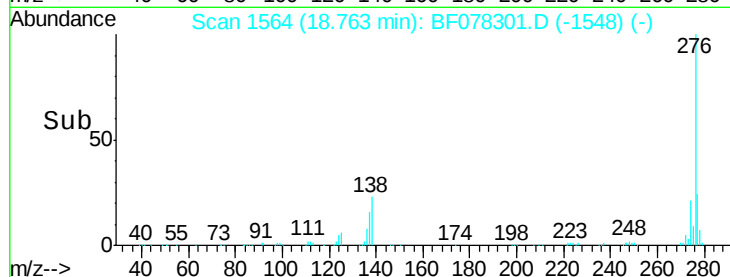
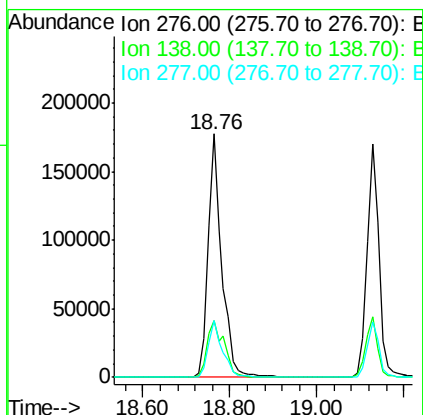
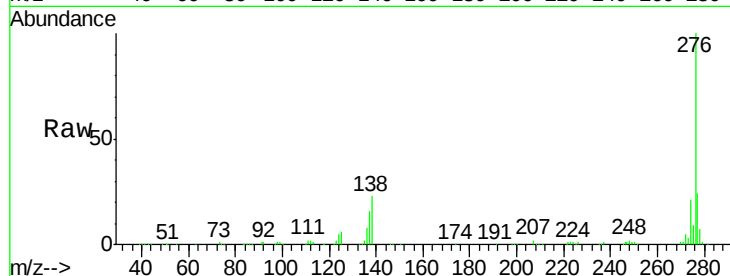




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 45.64 ng
 RT: 18.76 min Scan# 1564
 Delta R.T. -0.11 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

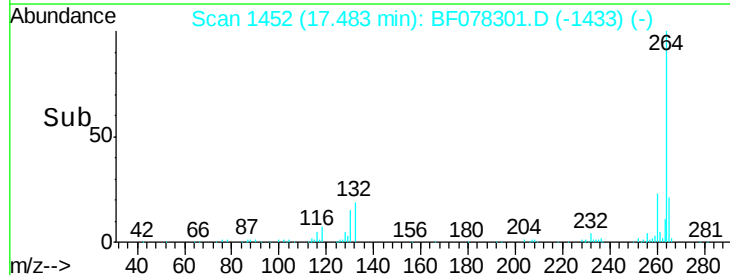
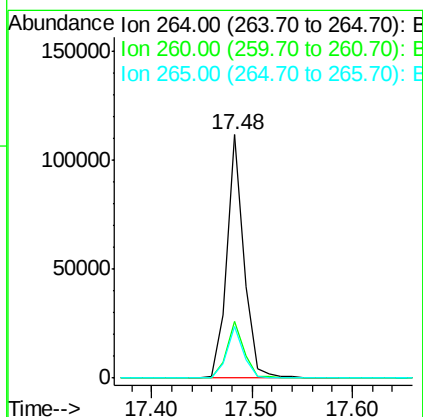
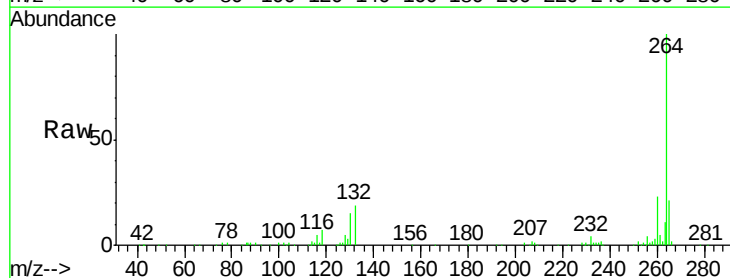
Instrument :
 BNA_F
 ClientSampleId :
 PB82574BS

Tgt Ion: 276 Resp: 390603
 Ion Ratio Lower Upper
 276 100
 138 29.2 16.9 25.3#
 277 24.4 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.48 min Scan# 1452
 Delta R.T. -0.08 min
 Lab File: BF078301.D
 Acq: 7 Apr 2015 16:41

Tgt Ion: 264 Resp: 131630
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.6 27.8
 265 21.3 17.0 25.6

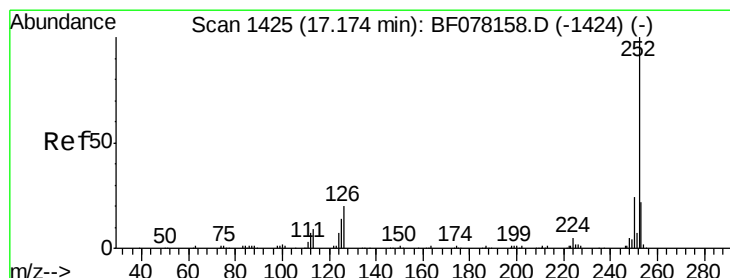
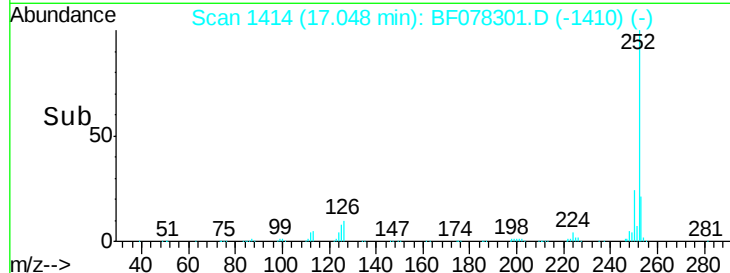
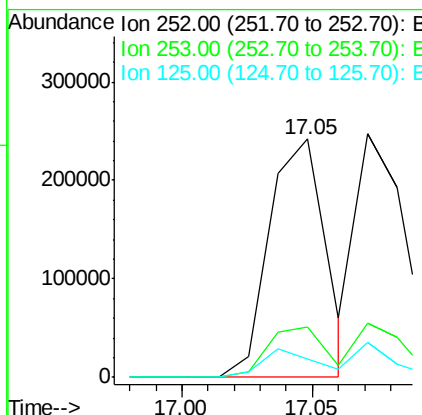
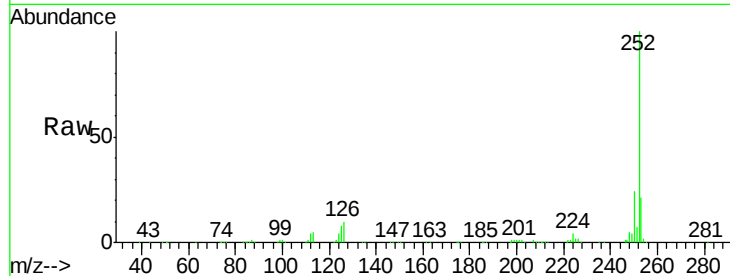




#87
Benzo(b)fluoranthene
Concen: 44.63 ng
RT: 17.05 min Scan# 1414
Delta R.T. -0.06 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

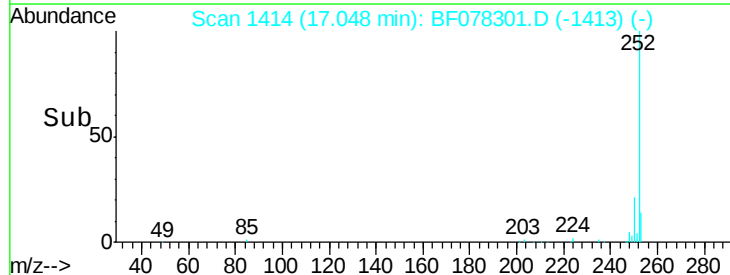
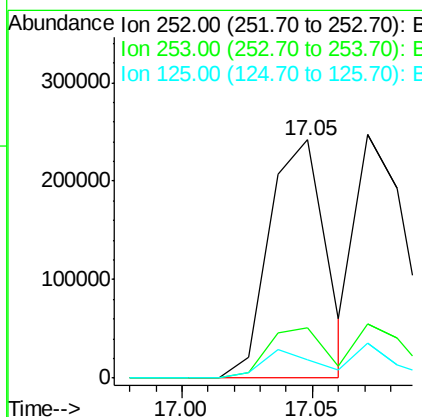
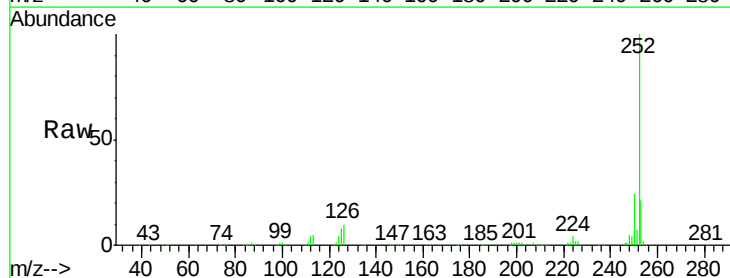
Instrument :
BNA_F
ClientSampleId :
PB82574BS

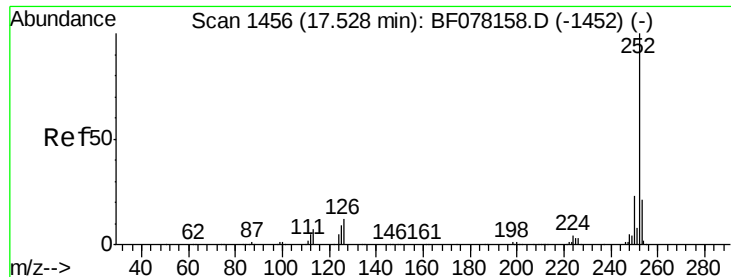
Tgt Ion:252 Resp: 363090
Ion Ratio Lower Upper
252 100
253 21.0 17.2 25.8
125 7.7 7.0 10.4



#88
Benzo(k)fluoranthene
Concen: 50.22 ng
RT: 17.05 min Scan# 1414
Delta R.T. -0.09 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion:252 Resp: 363090
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 7.7 11.6 17.4#

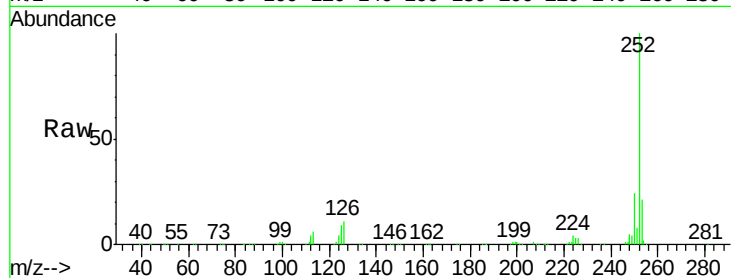




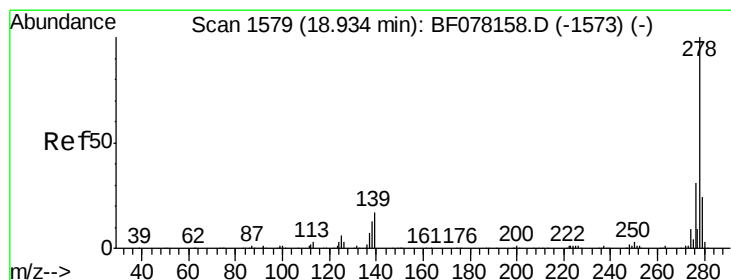
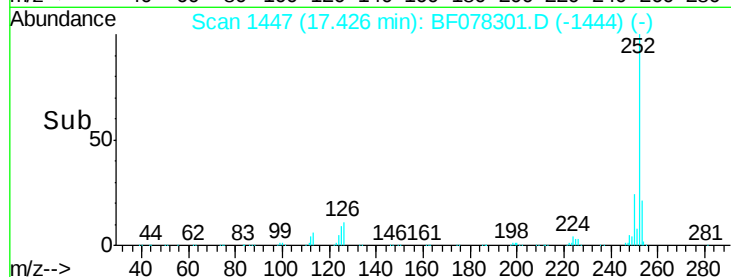
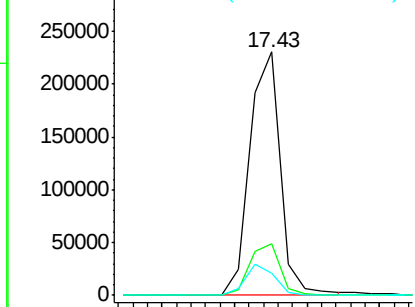
#89
Benzo(a)pyrene
Concen: 47.13 ng
RT: 17.43 min Scan# 1447
Delta R.T. -0.07 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Instrument :
BNA_F
ClientSampleId :
PB82574BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	16.8	25.2
125	9.1	7.4	11.0

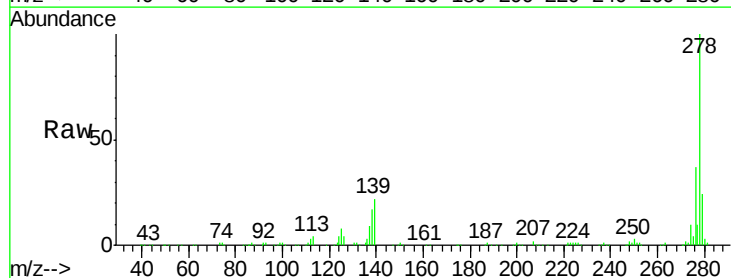


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

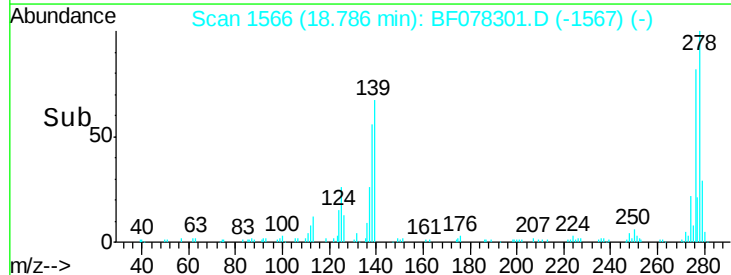
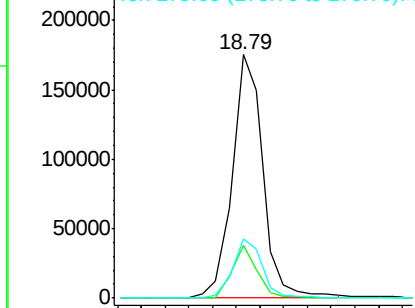


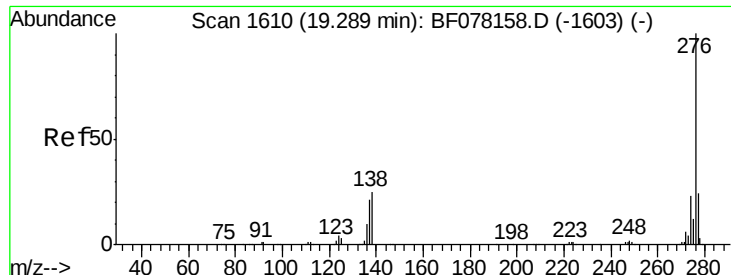
#90
Dibenzo(a,h)anthracene
Concen: 43.67 ng
RT: 18.79 min Scan# 1566
Delta R.T. -0.11 min
Lab File: BF078301.D
Acq: 7 Apr 2015 16:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.6	13.6	20.4#
279	24.4	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: 43.84 ng

RT: 19.13 min Scan# 1596

Delta R.T. -0.11 min

Lab File: BF078301.D

Acq: 7 Apr 2015 16:41

Instrument :

BNA_F

ClientSampleId :

PB82574BS

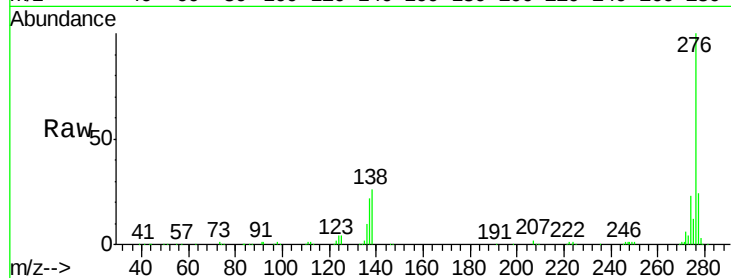
Tgt Ion:276 Resp: 312424

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 26.0 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

