

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040615\
 Data File : BF078257.D
 Acq On : 6 Apr 2015 15:22
 Operator : TP/IZ
 Sample : PB82522BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Quant Time: Apr 07 01:44:46 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	36216	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	151492	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	76166	20.00	ng	0.00
63) Phenanthrene-d10	12.55	188	147616	20.00	ng	-0.01
75) Chrysene-d12	15.83	240	156078	20.00	ng	-0.02
86) Perylene-d12	17.54	264	147524	20.00	ng	-0.10

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	307091	139.81	ng	0.00
7) Phenol-d6	6.58	99	377473	137.12	ng	0.00
23) Nitrobenzene-d5	7.68	82	213755	85.53	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	96888	153.38	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	497428	93.35	ng	0.00
78) Terphenyl-d14	14.55	244	590571	85.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	35012	35.25	ng	99
3) Pyridine	2.45	79	95394	36.66	ng	97
4) n-Nitrosodimethylamine	2.40	42	45300m	45.23	ng	
6) Aniline	6.57	93	84155	21.56	ng	94
8) 2-Chlorophenol	6.72	128	113305	43.62	ng	98
9) Benzaldehyde	6.42	77	61352	33.63	ng	91
10) Phenol	6.59	94	129826	39.36	ng	86
11) bis(2-Chloroethyl)ether	6.68	93	102395	43.17	ng	98
12) 1,3-Dichlorobenzene	6.90	146	117623	41.23	ng	94
13) 1,4-Dichlorobenzene	7.00	146	118782	41.36	ng	97
14) 1,2-Dichlorobenzene	7.18	146	111432	41.38	ng	96
15) Benzyl Alcohol	7.18	79	84527	43.70	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.36	45	136041	43.00	ng	96
17) 2-Methylphenol	7.34	107	85735	42.52	ng	94
18) Hexachloroethane	7.60	117	41529	42.88	ng	# 80
19) n-Nitroso-di-n-propylamine	7.52	70	74788	41.18	ng	98
20) 3+4-Methylphenols	7.54	107	116366	43.26	ng	94
22) Acetophenone	7.49	105	149652	42.40	ng	# 91
24) Nitrobenzene	7.70	77	107941	41.31	ng	# 81
25) Isophorone	8.01	82	195519	41.22	ng	98
26) 2-Nitrophenol	8.10	139	51441	41.32	ng	95
27) 2,4-Dimethylphenol	8.18	122	101804	43.97	ng	97
28) bis(2-Chloroethoxy)methane	8.29	93	131201	43.13	ng	99
29) 2,4-Dichlorophenol	8.41	162	93427	44.36	ng	99
30) 1,2,4-Trichlorobenzene	8.49	180	95696	39.63	ng	95
31) Naphthalene	8.58	128	314786	39.92	ng	99
32) Benzoic acid	8.32	122	54712	49.98	ng	96
33) 4-Chloroaniline	8.67	127	68949	21.07	ng	98
34) Hexachlorobutadiene	8.74	225	56643	42.72	ng	98
35) Caprolactam	9.10	113	29543	46.99	ng	# 75
36) 4-Chloro-3-methylphenol	9.30	107	93484	43.99	ng	# 81
37) 2-Methylnaphthalene	9.44	142	216523	40.45	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.64	216	95447	40.44	ng	99
40) Hexachlorocyclopentadiene	9.63	237	89971	87.83	ng	97

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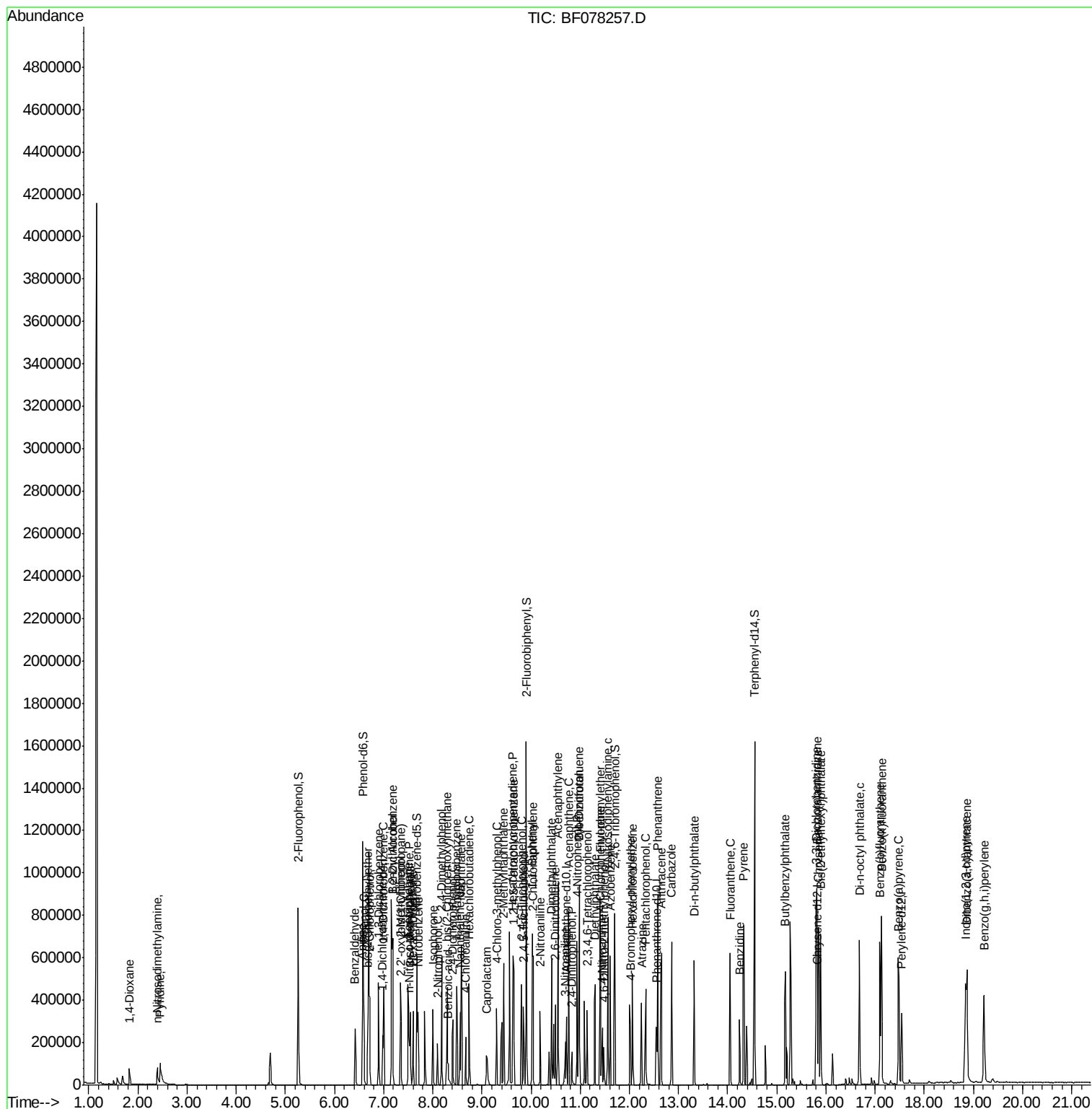
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	66323	44.56	nq	98
43) 2,4,5-Trichlorophenol	9.85	196	70855	45.57	nq	97
45) 1,1'-Biphenyl	10.02	154	268162	43.04	nq	97
46) 2-Chloronaphthalene	10.04	162	210330	42.91	nq	96
47) 2-Nitroaniline	10.18	65	57152	47.12	nq	91
48) Acenaphthylene	10.54	152	331037	41.82	nq	99
49) Dimethylphthalate	10.42	163	243647	42.58	nq	99
50) 2,6-Dinitrotoluene	10.49	165	51283	43.56	nq	# 52
51) Acenaphthene	10.76	154	192664	43.23	nq	100
52) 3-Nitroaniline	10.69	138	39530	29.53	nq	91
53) 2,4-Dinitrophenol	10.83	184	29166	68.66	nq	# 86
54) Dibenzofuran	10.98	168	306617	45.05	nq	96
55) 4-Nitrophenol	10.93	139	77120	78.30	nq	# 73
56) 2,4-Dinitrotoluene	10.98	165	70233	46.06	nq	# 45
57) Fluorene	11.40	166	247871	44.92	nq	100
58) 2,3,4,6-Tetrachlorophenol	11.14	232	53782	46.65	nq	99
59) Diethylphthalate	11.30	149	241246	43.72	nq	97
60) 4-Chlorophenyl-phenylether	11.41	204	114287	45.03	nq	# 87
61) 4-Nitroaniline	11.45	138	58856	43.49	nq	93
62) Azobenzene	11.61	77	253571	50.36	nq	91
64) 4,6-Dinitro-2-methylphenol	11.48	198	26741	38.55	nq	# 71
65) n-Nitrosodiphenylamine	11.56	169	208467	40.83	nq	99
66) 4-Bromophenyl-phenylether	12.02	248	66348	42.44	nq	# 83
67) Hexachlorobenzene	12.07	284	70897	41.39	nq	# 90
68) Atrazine	12.25	200	70849	47.91	nq	97
69) Pentachlorophenol	12.33	266	65335	85.42	nq	99
70) Phenanthrene	12.58	178	364725	42.71	nq	100
71) Anthracene	12.65	178	369114	43.87	nq	99
72) Carbazole	12.85	167	358660	45.48	nq	99
73) Di-n-butylphthalate	13.32	149	410783	45.99	nq	98
74) Fluoranthene	14.05	202	389089	43.21	nq	90
76) Benzidine	14.24	184	143040	23.80	nq	99
77) Pyrene	14.33	202	424635	43.34	nq	99
79) Butylbenzylphthalate	15.17	149	177493	47.53	nq	# 80
80) Benzo(a)anthracene	15.81	228	384628	41.42	nq	100
81) 3,3'-Dichlorobenzidine	15.80	252	84108	27.04	nq	# 99
82) Chrysene	15.85	228	363093	41.62	nq	100
83) Bis(2-ethylhexyl)phthalate	15.89	149	265910	45.40	nq	98
84) Di-n-octyl phthalate	16.68	149	462136	48.05	nq	# 100
85) Indeno(1,2,3-cd)pyrene	18.84	276	413504	41.77	nq	# 86
87) Benzo(b)fluoranthene	17.09	252	400803	43.96	nq	# 95
88) Benzo(k)fluoranthene	17.13	252	338277m	41.75	nq	
89) Benzo(a)pyrene	17.48	252	357753	44.96	nq	98
90) Dibenzo(a,h)anthracene	18.87	278	318745	40.01	nq	97
91) Benzo(g,h,i)perylene	19.22	276	340353	42.61	nq	96

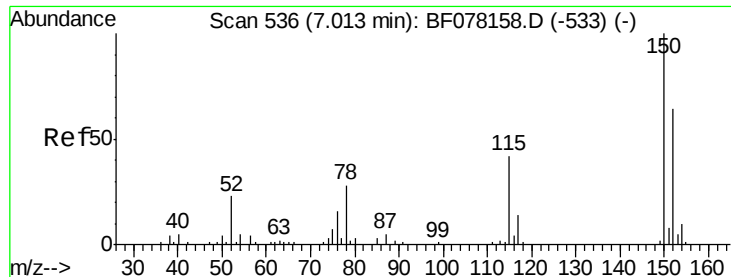
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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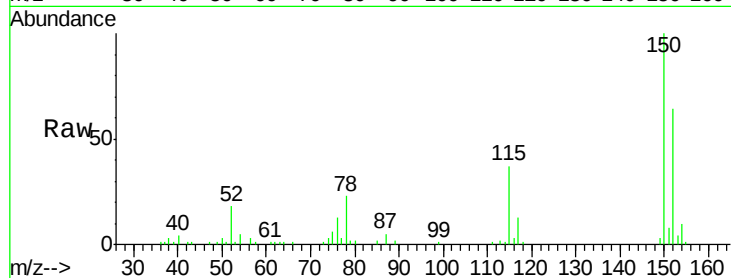


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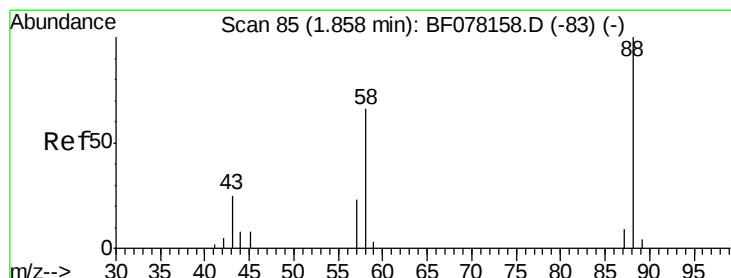
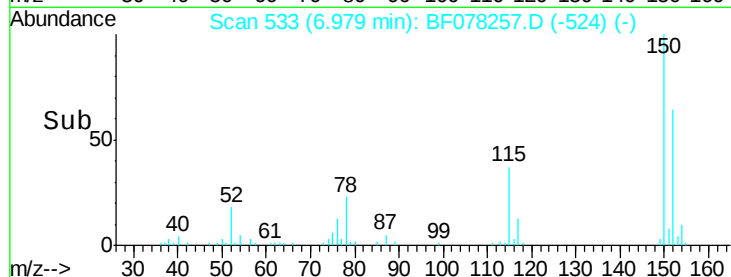
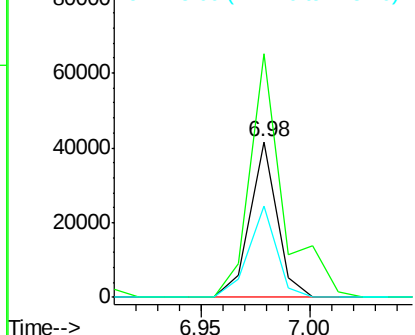
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Instrument :
BNA_F
ClientSampleId :
PB82522BS

Tot Ion:152 Resp: 36216
Ion Ratio Lower Upper
152 100
150 156.4 125.9 188.9
115 58.3 52.7 79.1



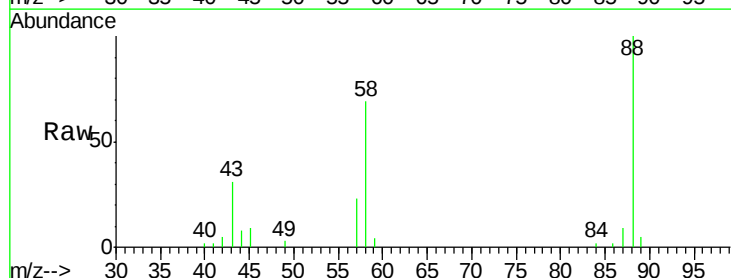
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



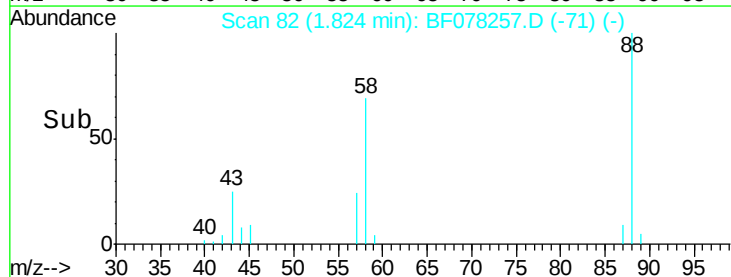
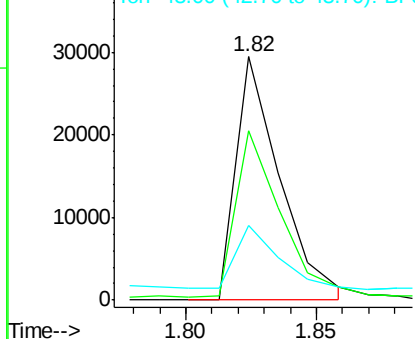
#2

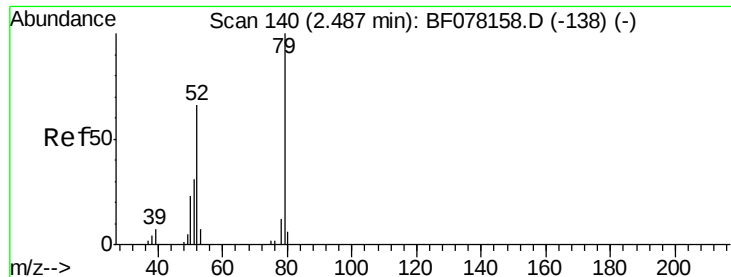
1,4-Dioxane
Concen: 35.25 ng
RT: 1.82 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion: 88 Resp: 35012
Ion Ratio Lower Upper
88 100
58 70.3 56.9 85.3
43 25.3 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

Pvridine

Concen: 36.66 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.03 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

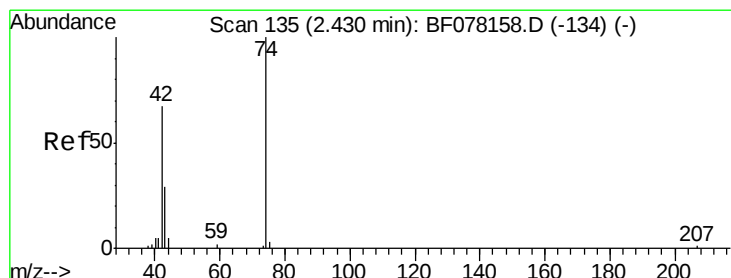
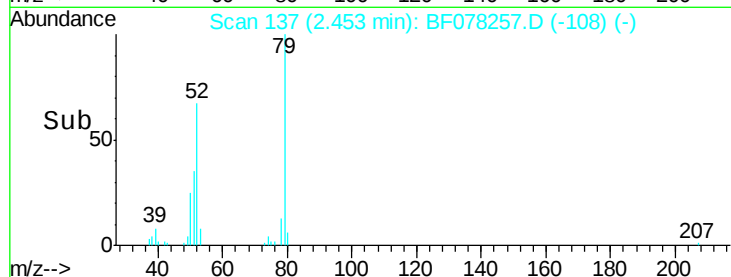
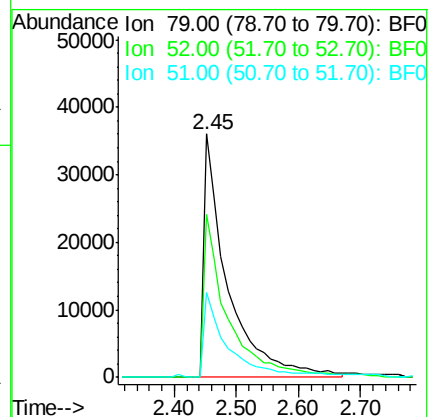
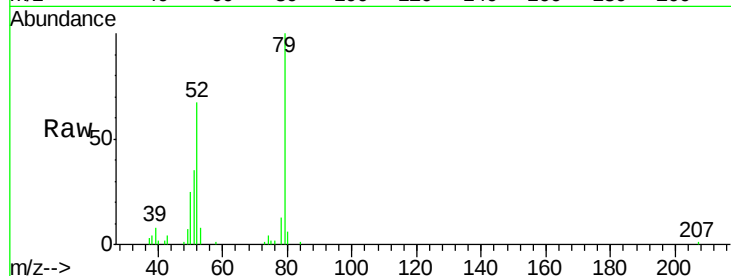
Tot Ion: 79 Resp: 95394

Ion Ratio Lower Upper

79 100

52 66.9 52.4 78.6

51 34.9 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 45.23 ng m

RT: 2.40 min Scan# 132

Delta R.T. 0.02 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

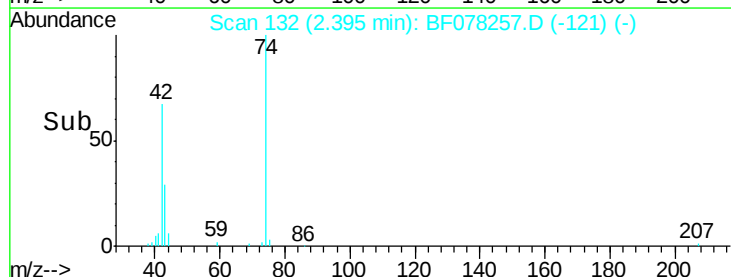
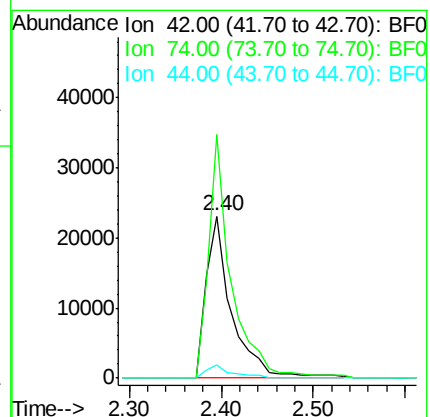
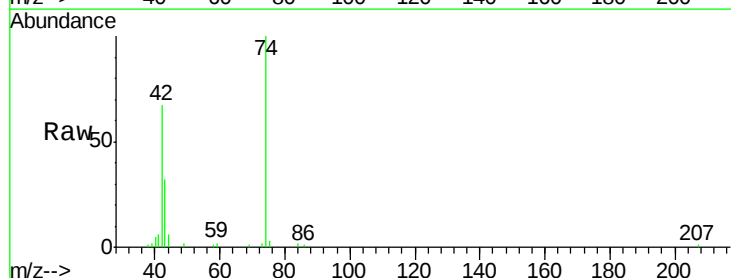
Tgt Ion: 42 Resp: 45300

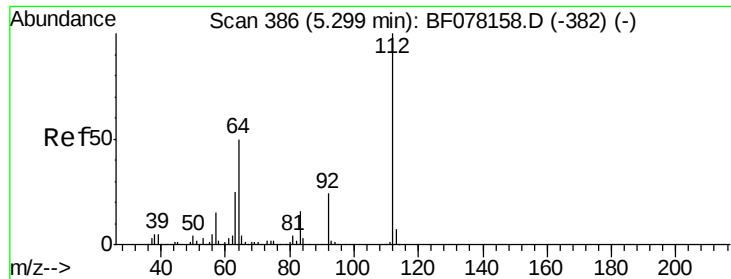
Ion Ratio Lower Upper

42 100

74 150.1 118.7 178.1

44 8.3 5.9 8.9





#5

2-Fluorophenol

Concen: 139.81 ng

RT: 5.26 min Scan# 383

Delta R.T. -0.00 min

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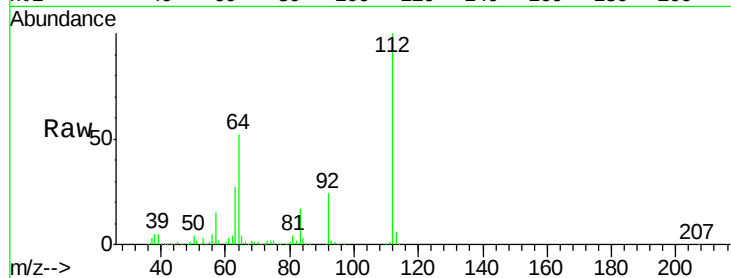
Tot Ion:112 Resp: 307091

Ion Ratio Lower Upper

112 100

64 51.7 39.9 59.9

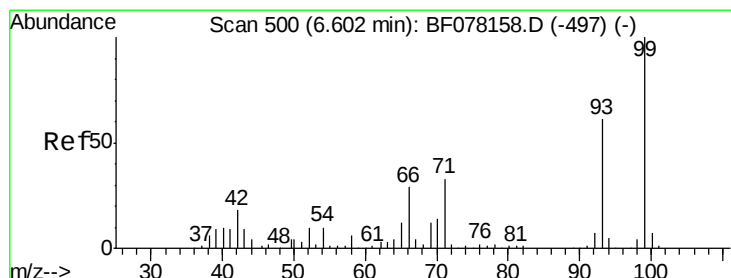
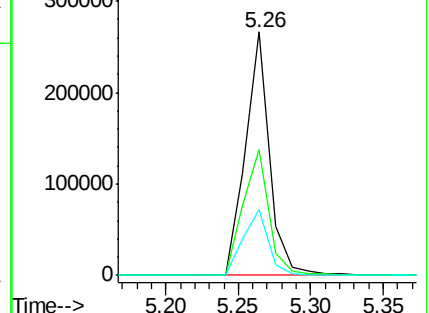
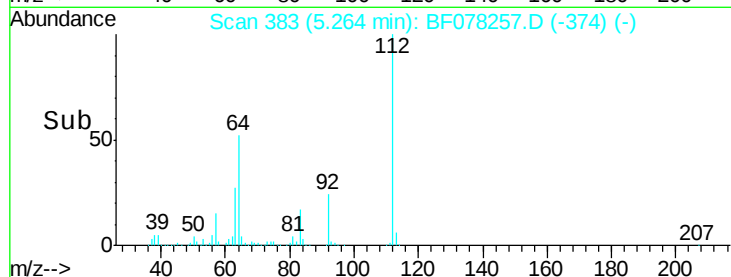
63 26.8 20.2 30.4



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: 21.56 ng

RT: 6.57 min Scan# 497

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

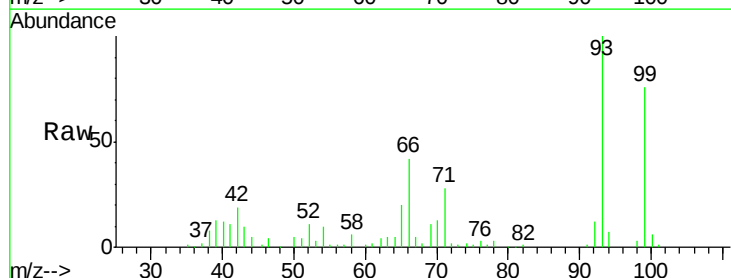
Tgt Ion: 93 Resp: 84155

Ion Ratio Lower Upper

93 100

66 42.2 38.0 57.0

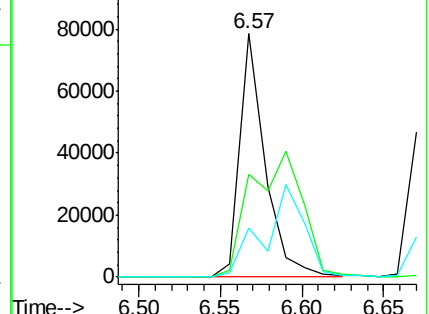
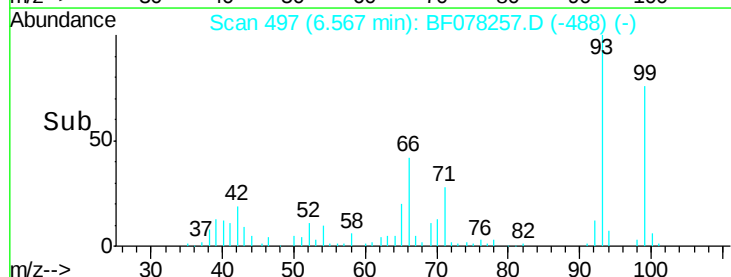
65 20.1 16.3 24.5

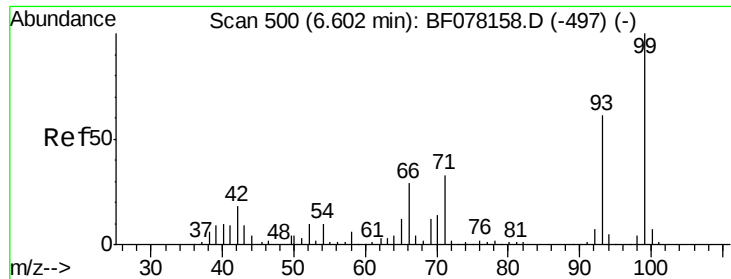


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.12 ng

RT: 6.58 min Scan# 498

Delta R.T. -0.00 min

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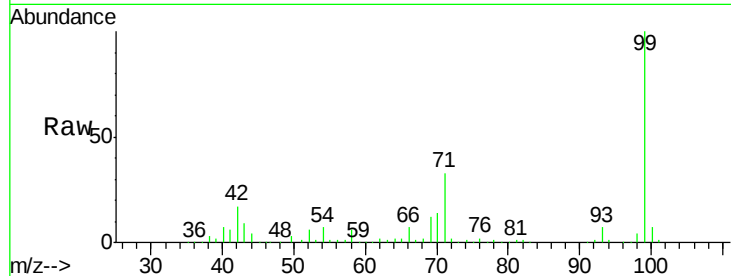
Tot Ion: 99 Resp: 377473

Ion Ratio Lower Upper

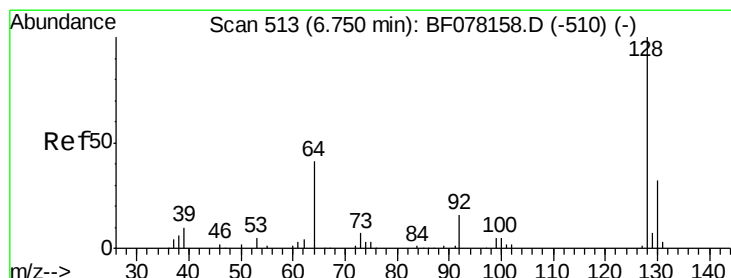
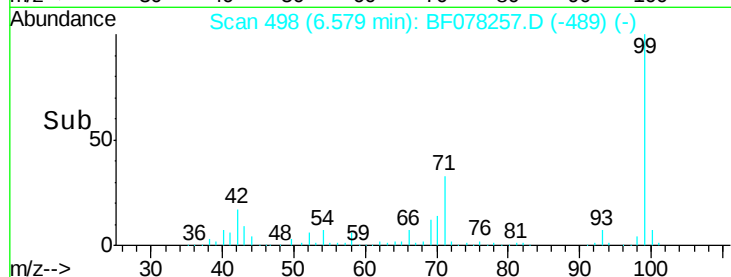
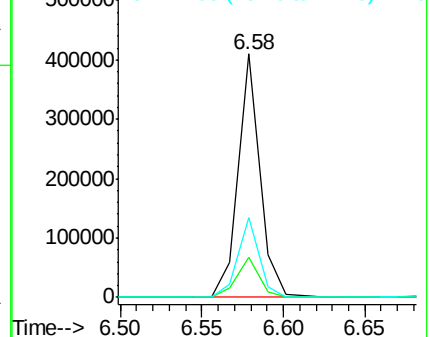
99 100

42 16.7 14.8 22.2

71 32.5 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: 43.62 ng

RT: 6.72 min Scan# 510

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

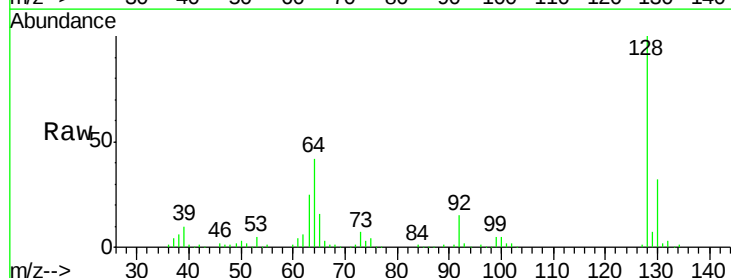
Tgt Ion: 128 Resp: 113305

Ion Ratio Lower Upper

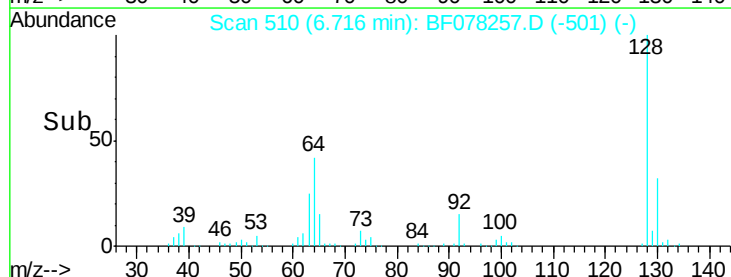
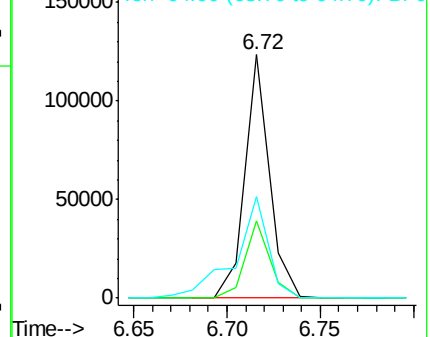
128 100

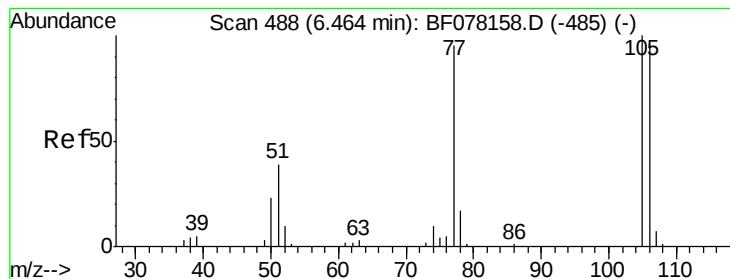
130 32.0 12.3 52.3

64 41.7 23.8 63.8



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





#9

Benzaldehyde

Concen: 33.63 ng

RT: 6.42 min Scan# 484

Delta R.T. -0.00 min

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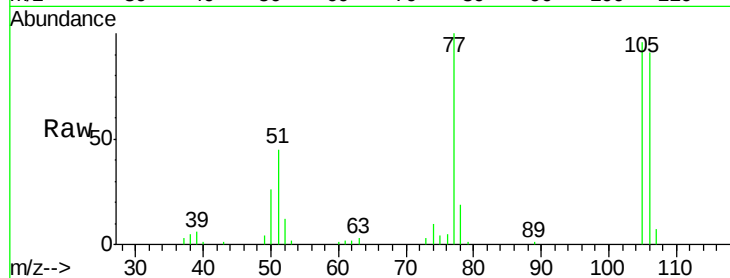
Tot Ion: 77 Resp: 61352

Ion Ratio Lower Upper

77 100

105 95.6 85.4 125.4

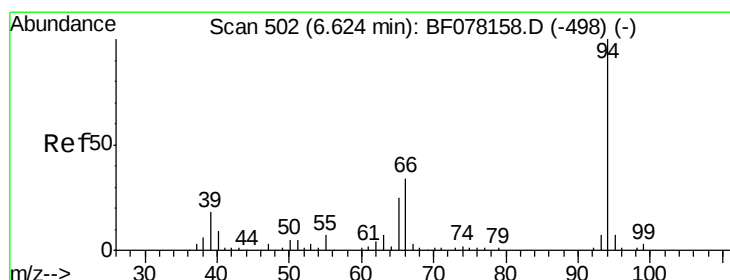
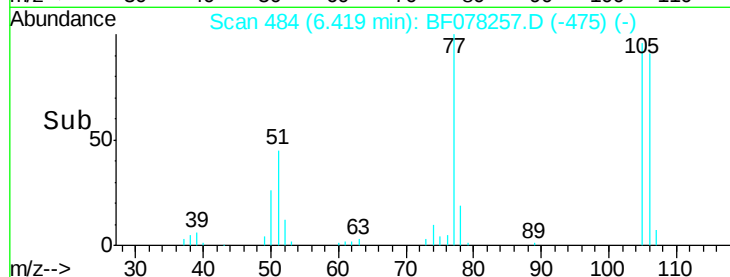
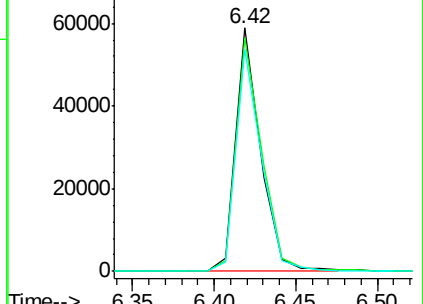
106 91.3 80.8 120.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.36 ng

RT: 6.59 min Scan# 499

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

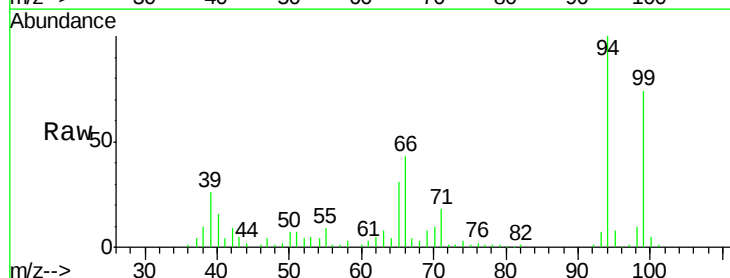
Tgt Ion: 94 Resp: 129826

Ion Ratio Lower Upper

94 100

65 31.1 4.9 44.9

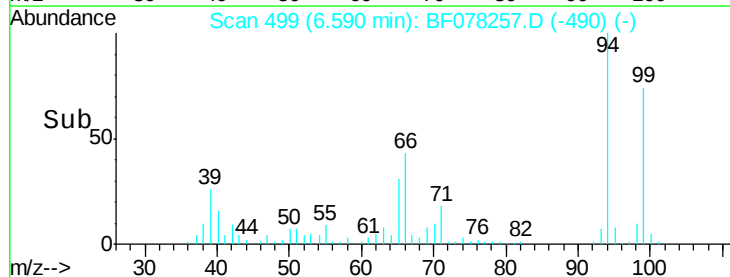
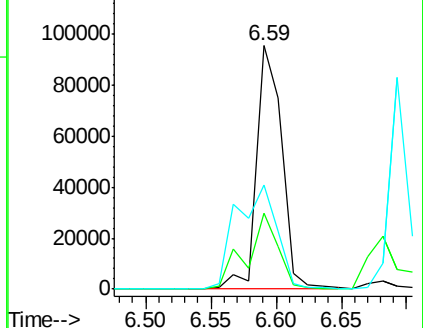
66 42.6 13.8 53.8

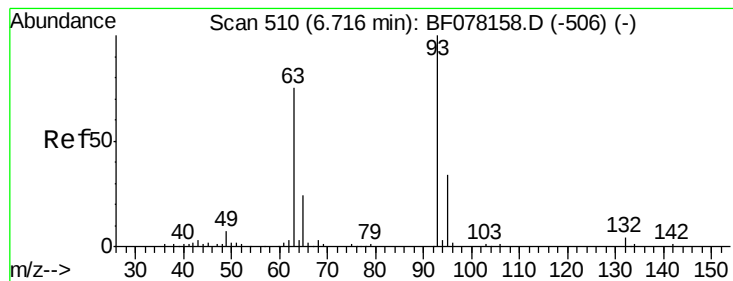


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

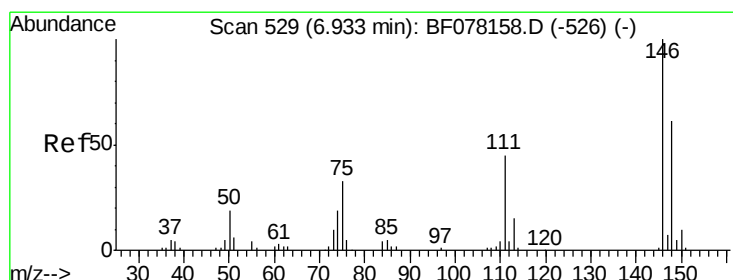
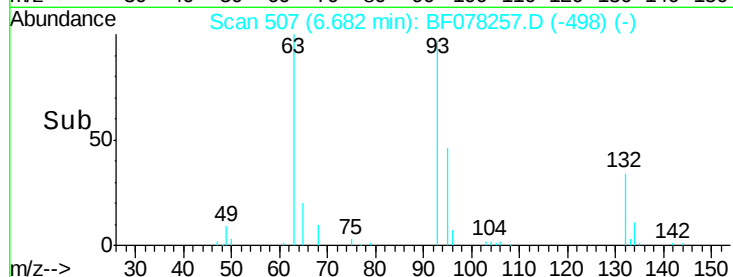
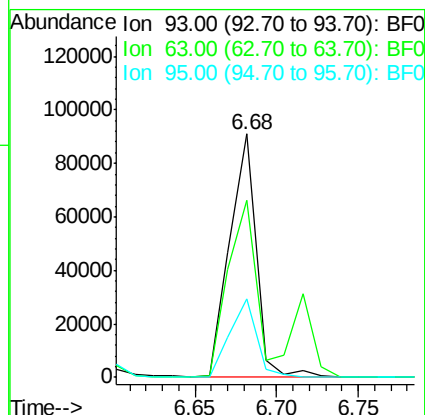
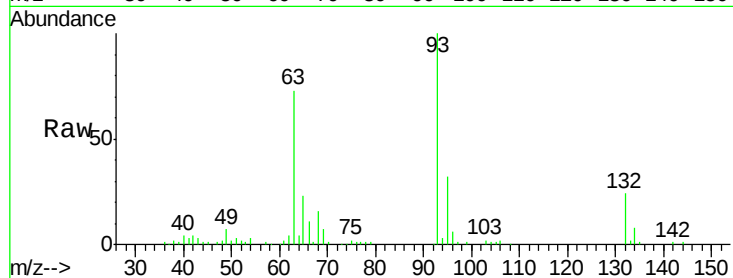




#11
bis(2-Chloroethyl)ether
Concen: 43.17 ng
RT: 6.68 min Scan# 507
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

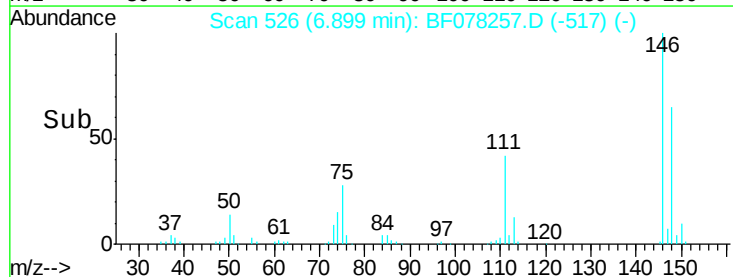
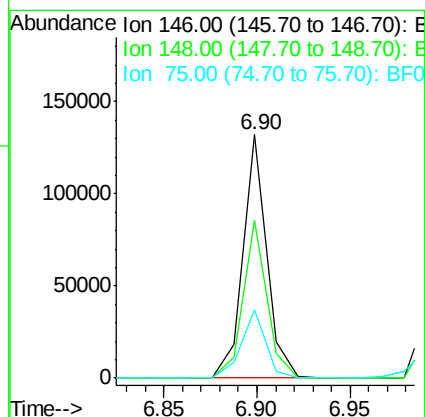
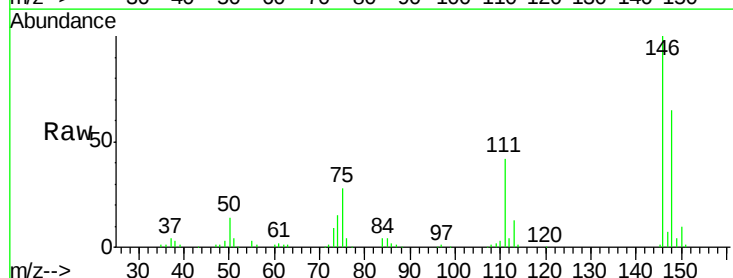
Instrument :
BNA_F
ClientSampleId :
PB82522BS

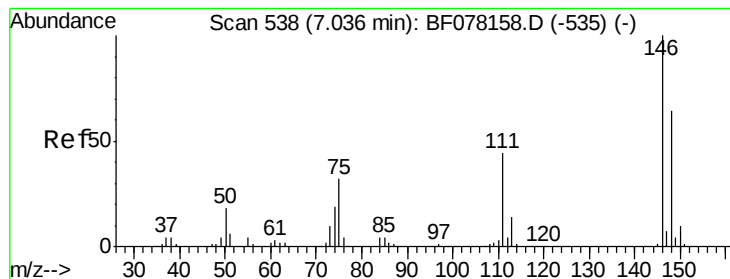
Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	54.6	94.6
95	32.3	13.6	53.6



#12
1,3-Dichlorobenzene
Concen: 41.23 ng
RT: 6.90 min Scan# 526
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.1	73.7
75	27.8	26.6	40.0





#13

1,4-Dichlorobenzene

Concen: 41.36 ng

RT: 7.00 min Scan# 535

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

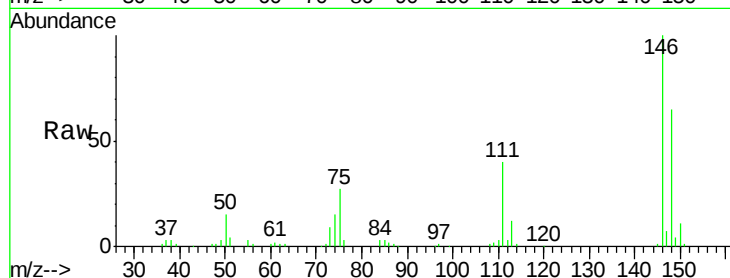
Tot Ion:146 Resp: 118782

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.0

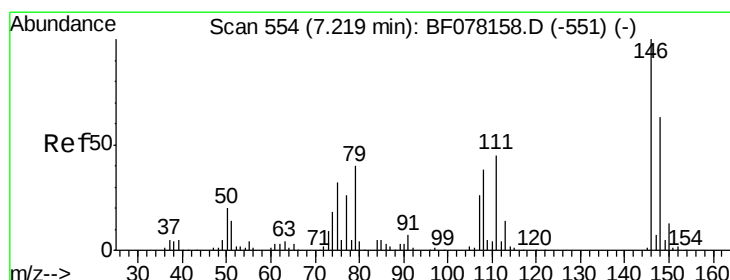
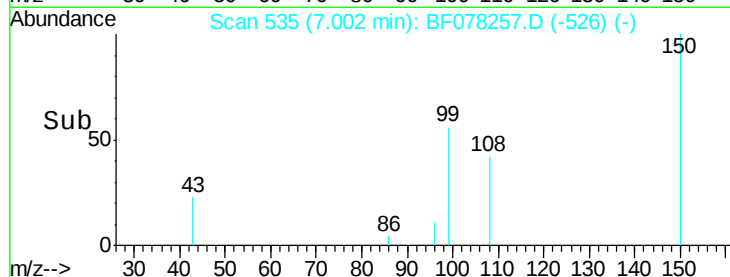
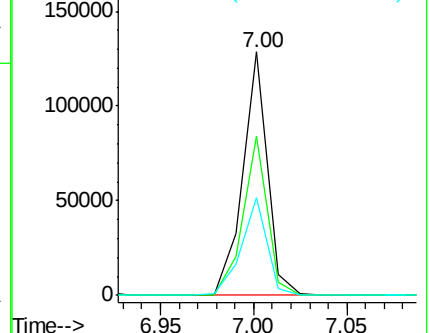
111 39.9 35.0 52.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 41.38 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

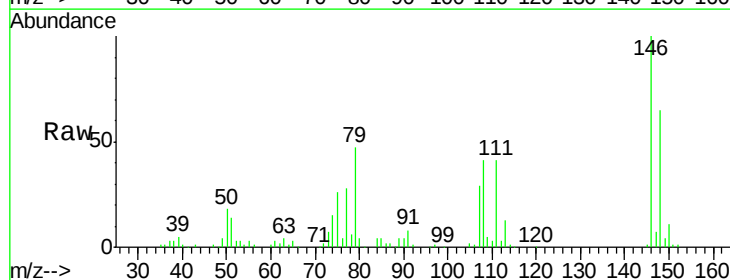
Tgt Ion:146 Resp: 111432

Ion Ratio Lower Upper

146 100

148 64.8 50.2 75.4

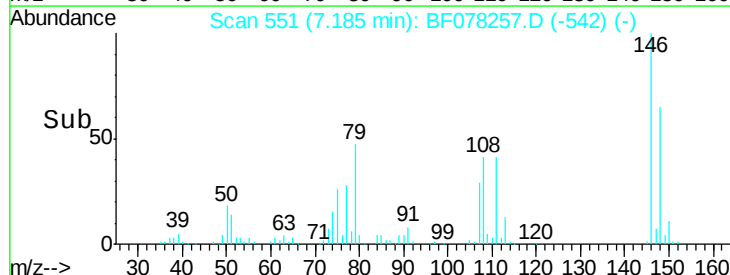
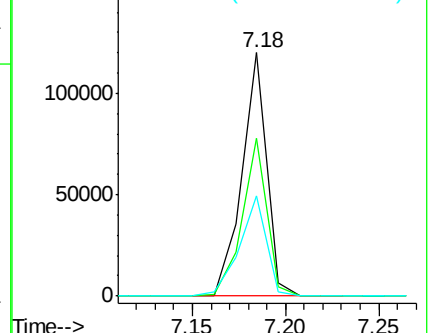
111 41.2 36.1 54.1

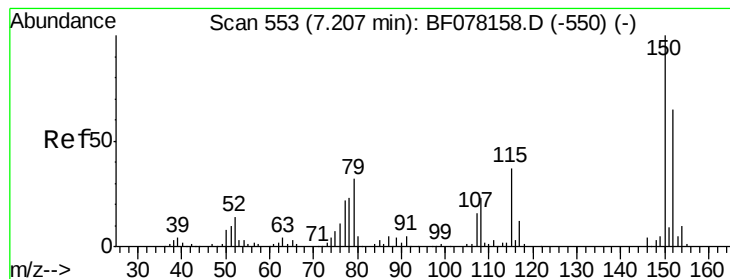


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.70 ng

RT: 7.18 min Scan# 551

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

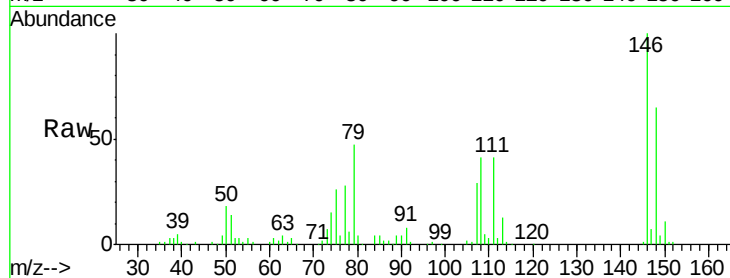
Tot Ion: 79 Resp: 84527

Ion Ratio Lower Upper

79 100

108 87.7 57.6 86.4#

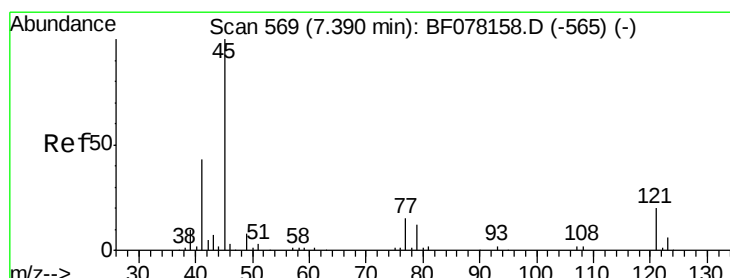
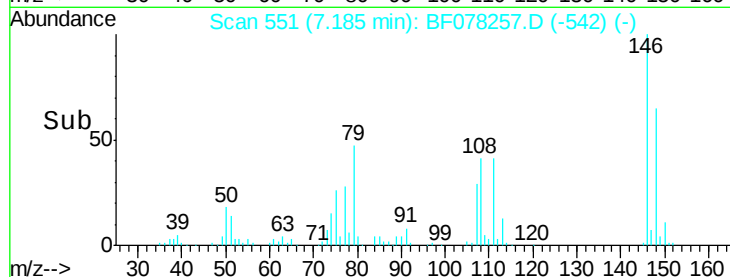
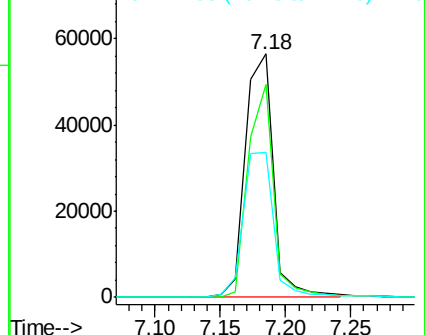
77 59.8 53.5 80.3



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: 43.00 ng

RT: 7.36 min Scan# 566

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

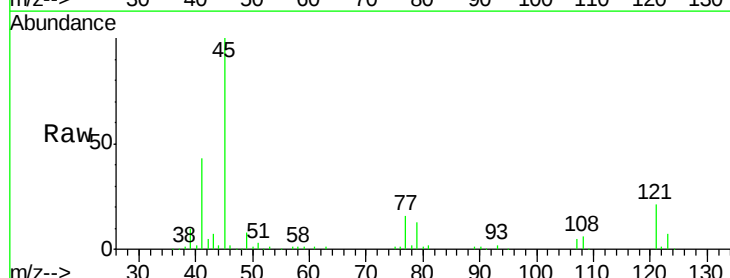
Tgt Ion: 45 Resp: 136041

Ion Ratio Lower Upper

45 100

77 16.2 0.0 34.5

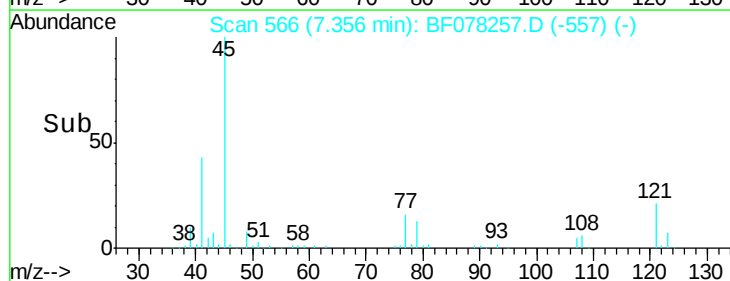
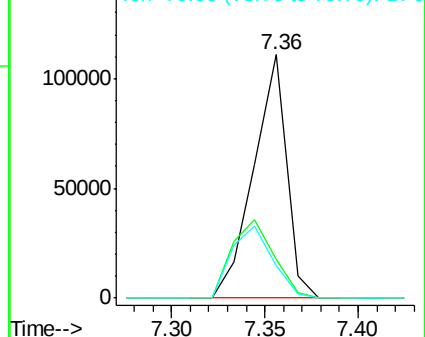
79 13.2 0.0 31.9

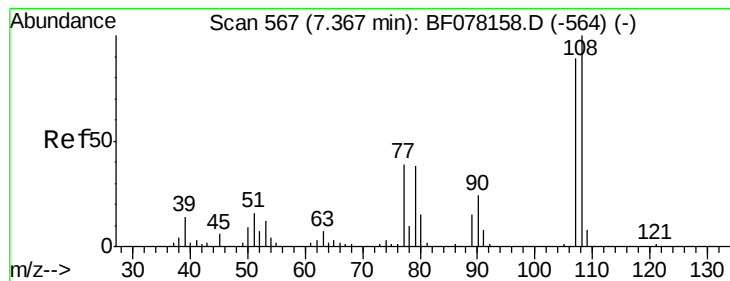


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

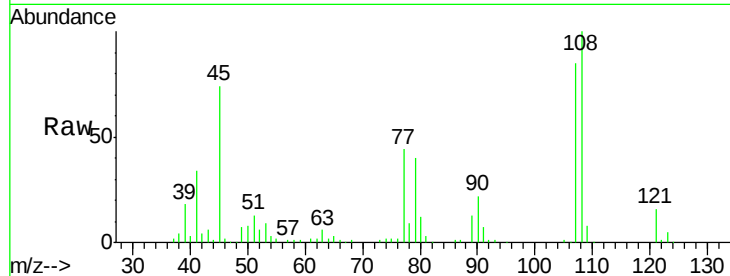




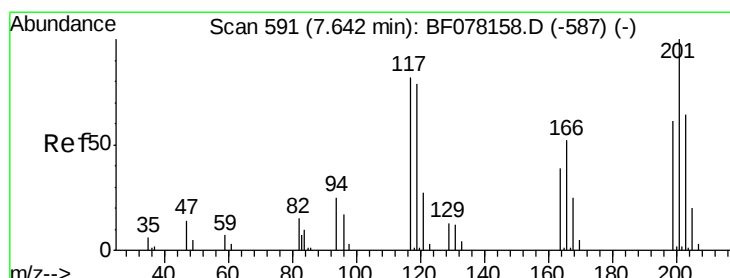
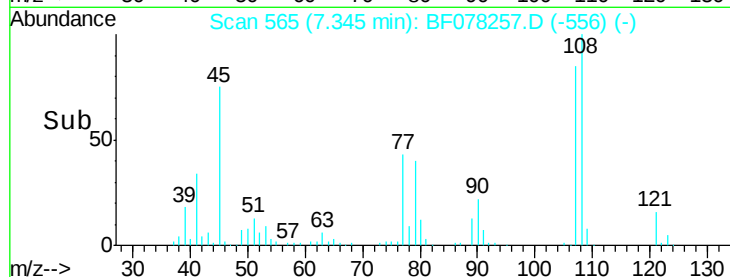
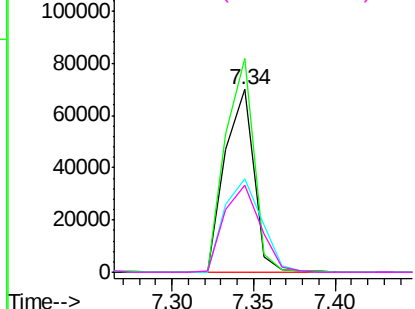
#17
2-Methylphenol
Concen: 42.52 ng
RT: 7.34 min Scan# 565
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Instrument :
BNA_F
ClientSampleId :
PB82522BS

Tot Ion:	107	Resp:	85735
Ion	Ratio	Lower	Upper
107	100		
108	117.0	90.3	135.5
77	51.2	35.5	53.3
79	47.4	34.2	51.4

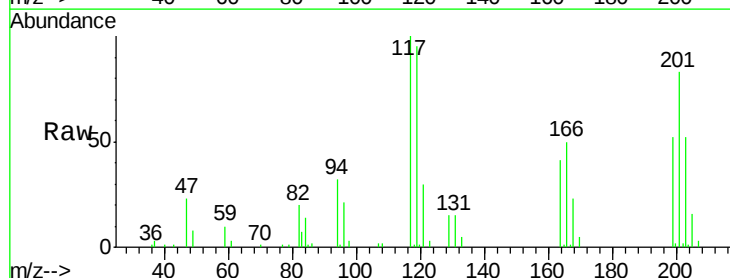


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

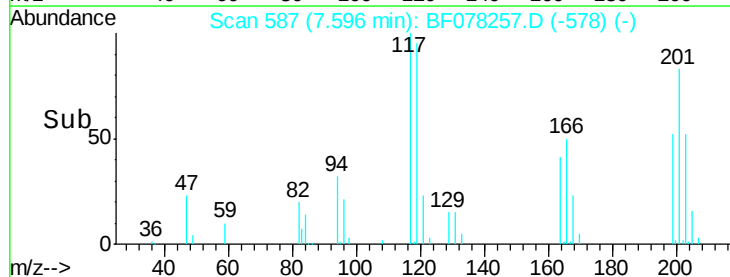
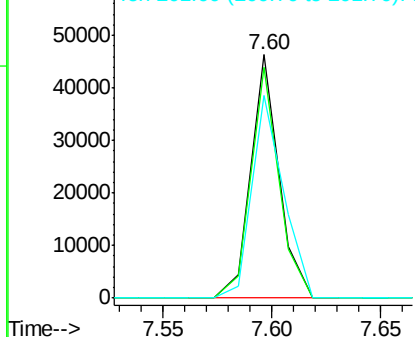


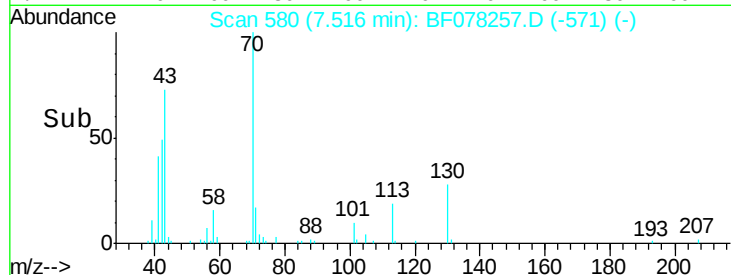
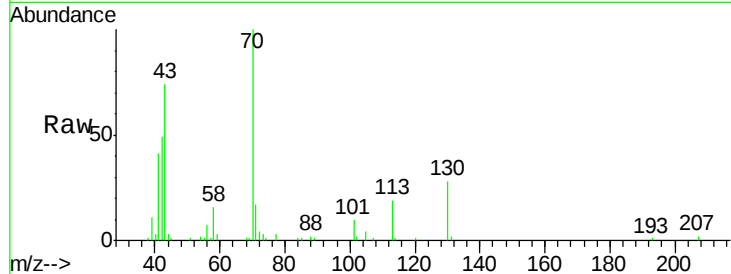
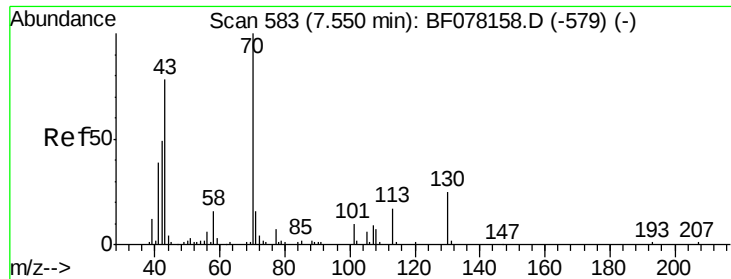
#18
Hexachloroethane
Concen: 42.88 ng
RT: 7.60 min Scan# 587
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:	117	Resp:	41529
Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.0	115.6
201	83.1	98.1	147.1#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

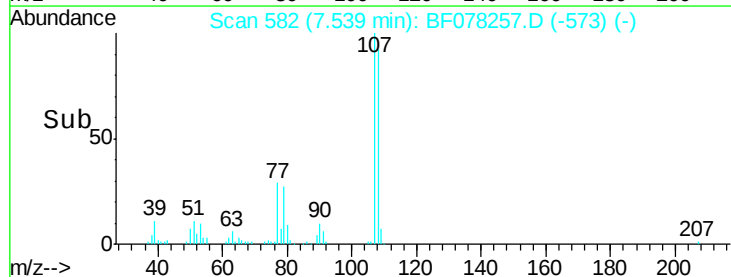
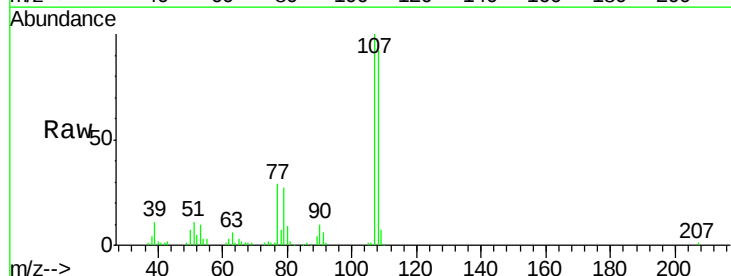
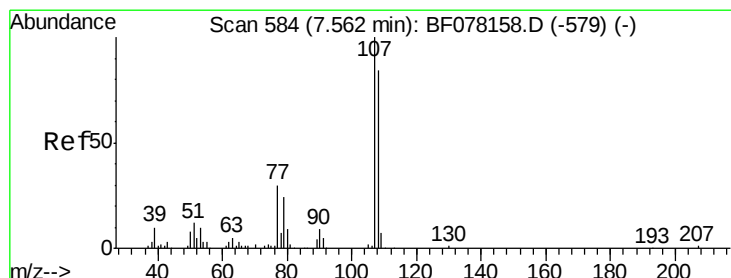
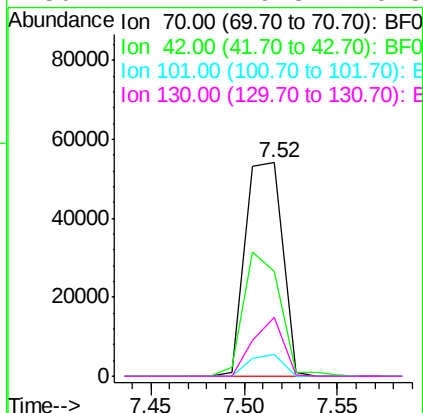




#19
n-Nitroso-di-n-propylamine
Concen: 41.18 ng
RT: 7.52 min Scan# 580
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

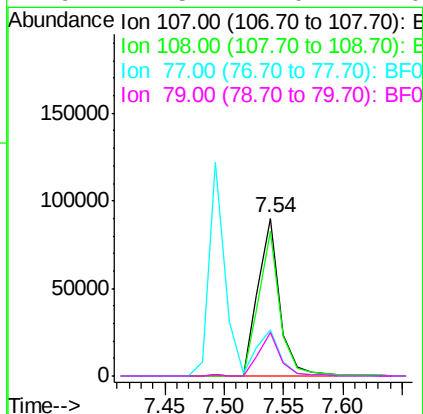
Instrument :
BNA_F
ClientSampleId :
PB82522BS

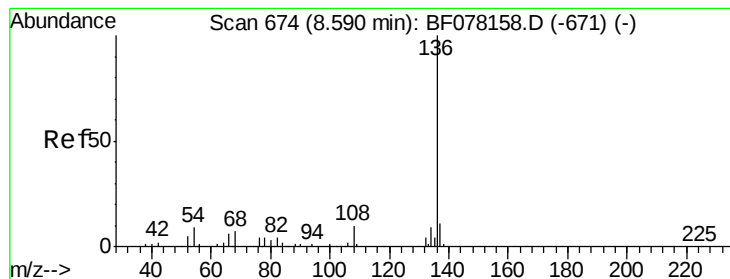
Tot Ion:	70	Resp:	74788
Ion	Ratio	Lower	Upper
70	100		
42	48.9	38.9	58.3
101	10.3	8.3	12.5
130	27.7	19.8	29.8



#20
3+4-Methylphenols
Concen: 43.26 ng
RT: 7.54 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:	107	Resp:	116366
Ion	Ratio	Lower	Upper
107	100		
108	91.6	64.4	104.4
77	29.5	9.7	49.7
79	27.5	4.0	44.0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.56 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

Tot Ion:136 Resp: 151492

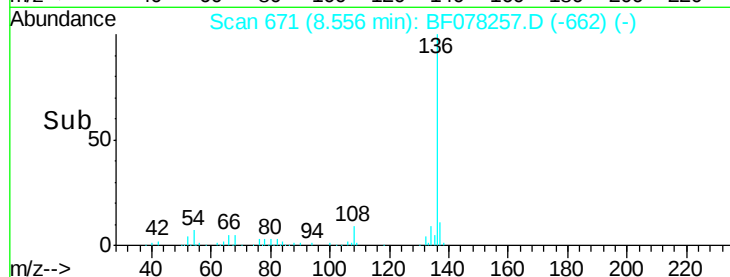
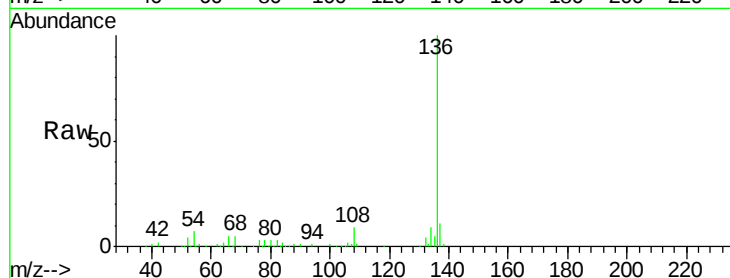
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.1 7.0 10.6

68 5.2 5.4 8.2#

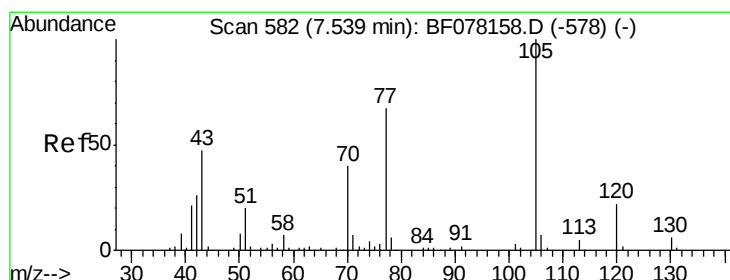
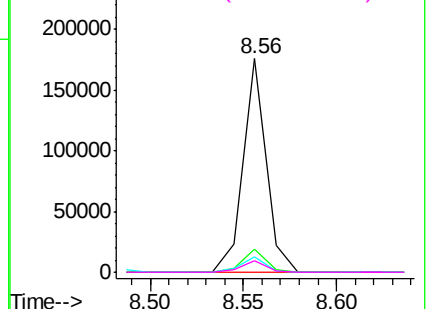


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 42.40 ng

RT: 7.49 min Scan# 578

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Tgt Ion:105 Resp: 149652

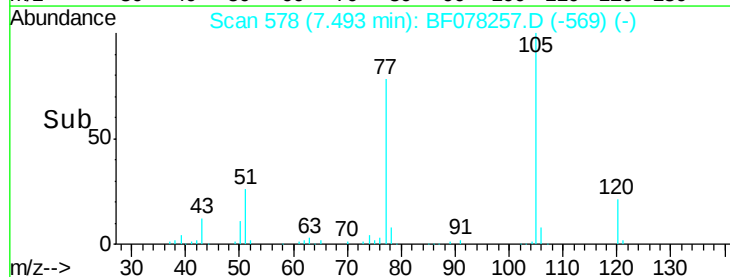
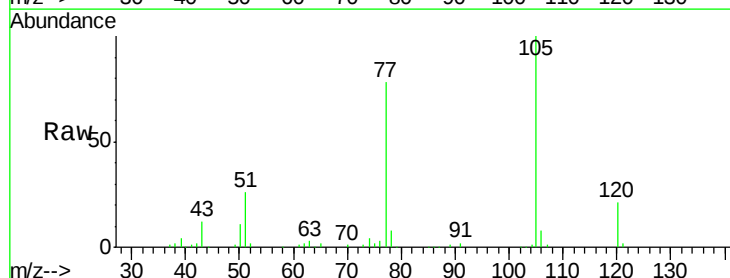
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 25.7 16.0 24.0#

120 21.1 17.8 26.6

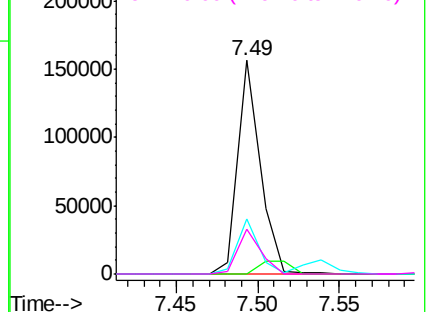


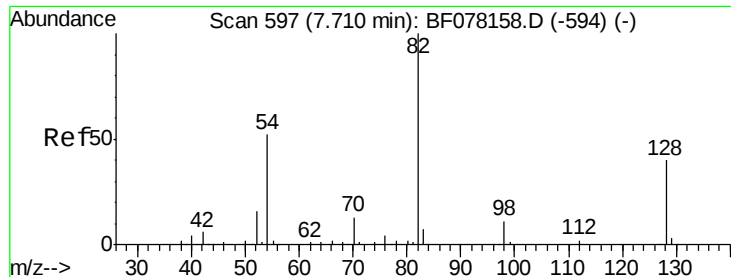
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

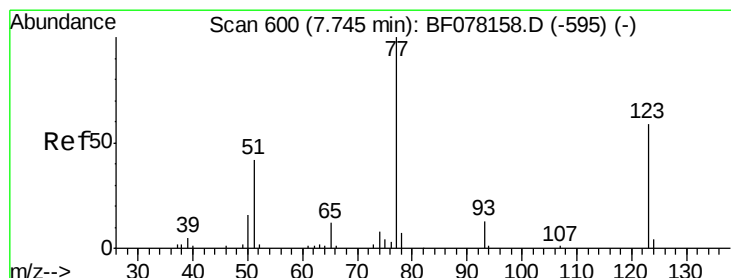
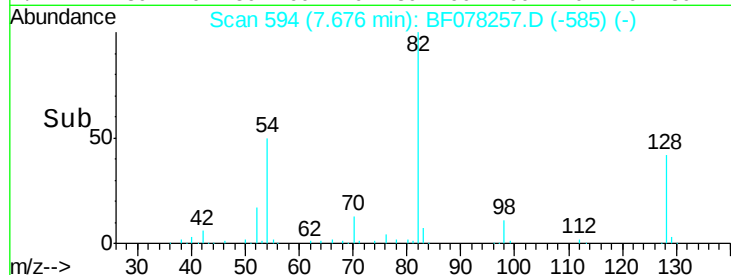
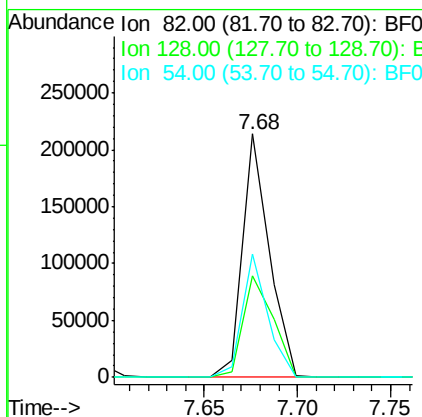
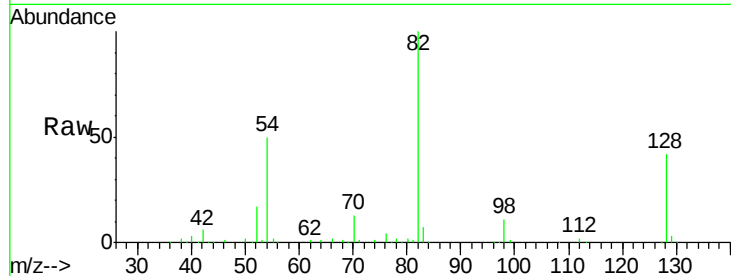




#23
Nitrobenzene-d5
Concen: 85.53 ng
RT: 7.68 min Scan# 594
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

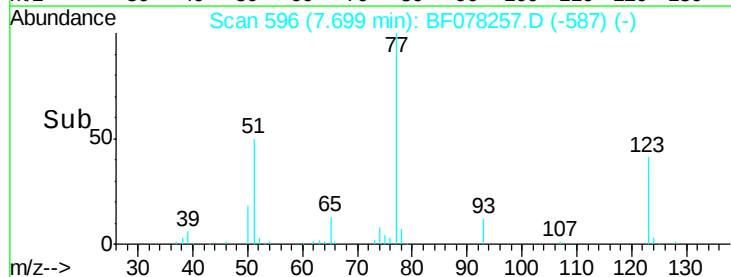
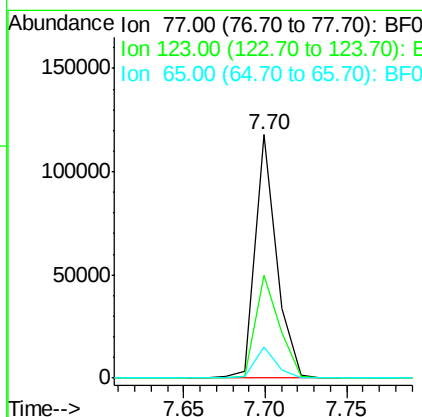
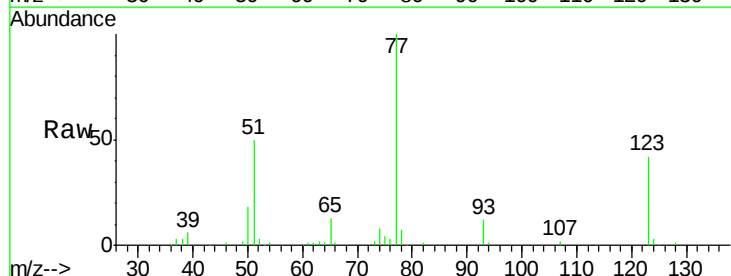
Instrument :
BNA_F
ClientSampleId :
PB82522BS

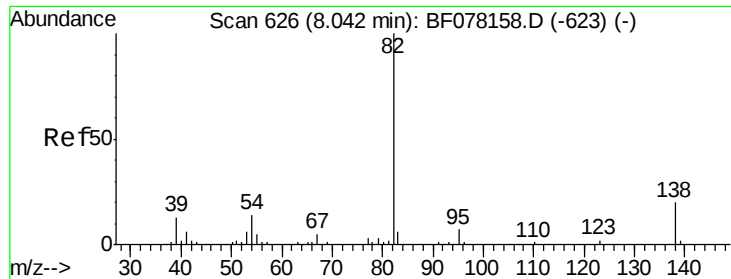
Tot Ion	82	Resp	213755
Ion Ratio	100	Lower	Upper
128	41.9	31.8	47.8
54	50.4	41.5	62.3



#24
Nitrobenzene
Concen: 41.31 ng
RT: 7.70 min Scan# 596
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion	77	Resp	107941
Ion Ratio	100	Lower	Upper
123	42.1	46.9	70.3#
65	12.8	9.5	14.3





#25

Isophorone

Concen: 41.22 ng

RT: 8.01 min Scan# 623

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

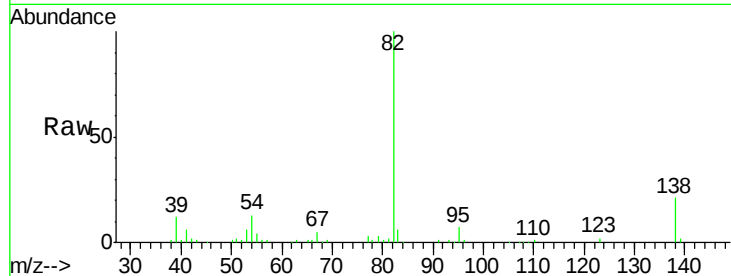
Tot Ion: 82 Resp: 195519

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

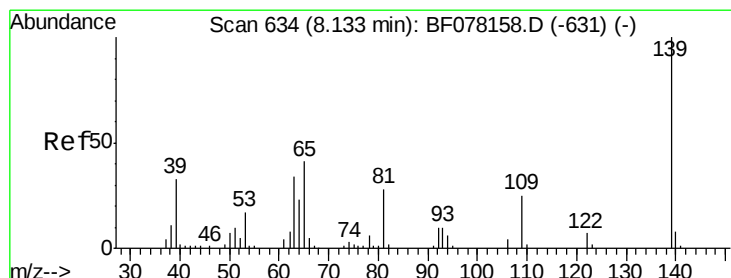
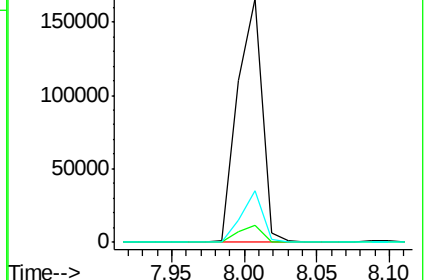
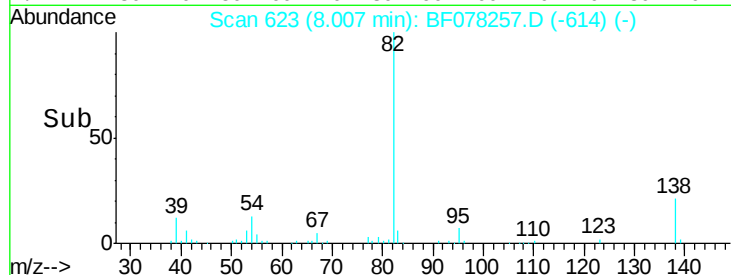
138 21.1 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 41.32 ng

RT: 8.10 min Scan# 631

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

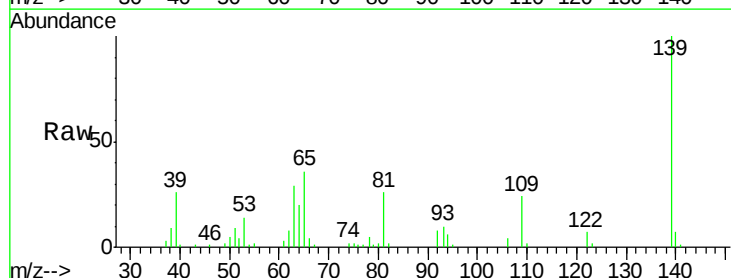
Tgt Ion: 139 Resp: 51441

Ion Ratio Lower Upper

139 100

109 24.4 19.8 29.8

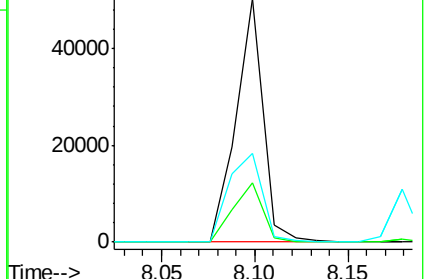
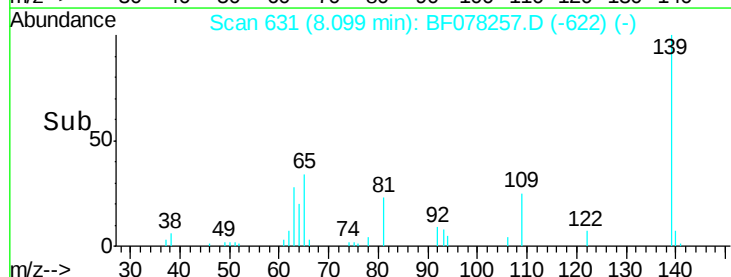
65 36.5 32.7 49.1

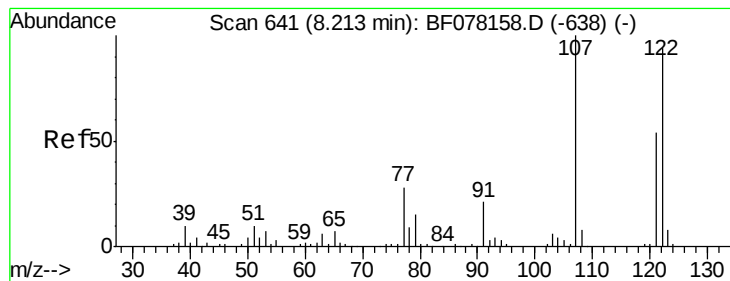


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

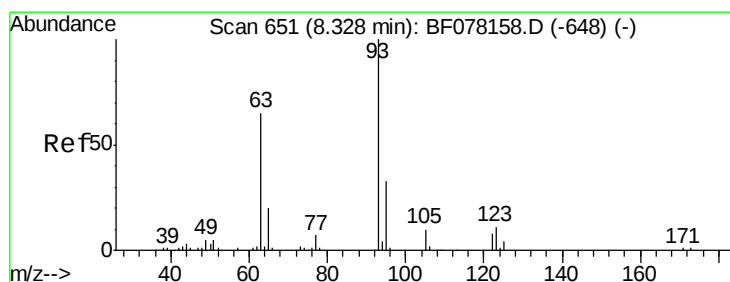
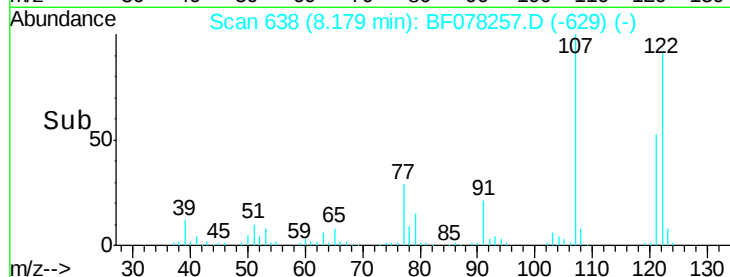
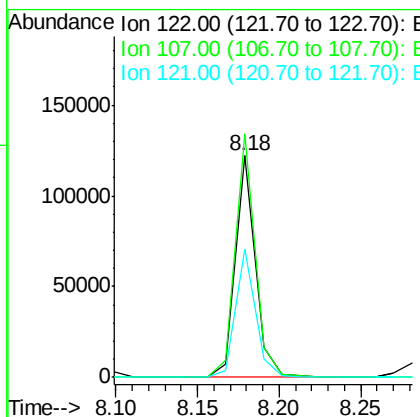
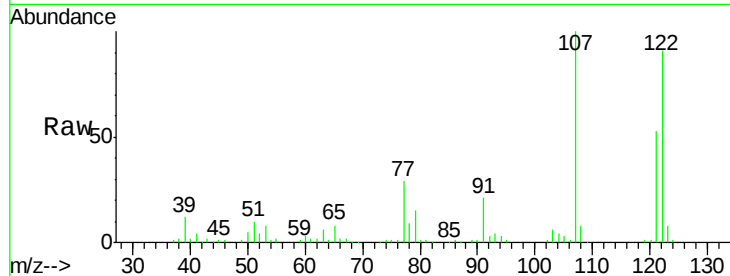




#27
 2,4-Dimethylphenol
 Concen: 43.97 ng
 RT: 8.18 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

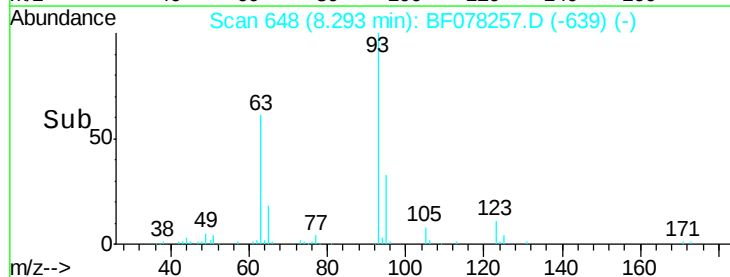
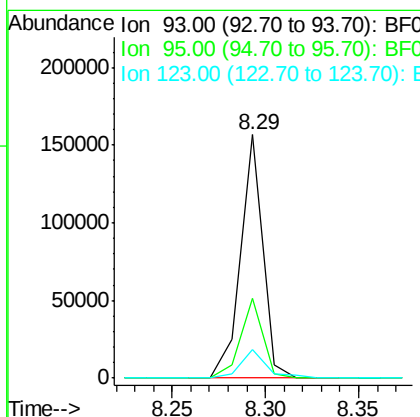
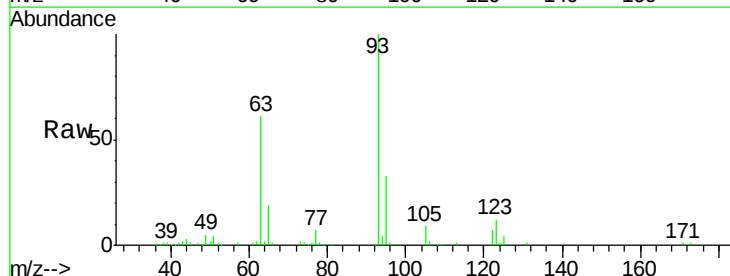
Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

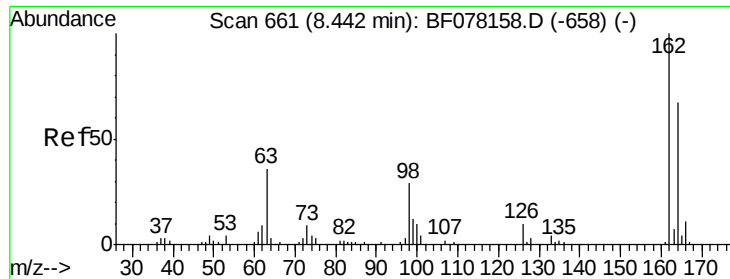
Tot Ion:122 Resp: 101804
 Ion Ratio Lower Upper
 122 100
 107 109.9 84.6 127.0
 121 57.9 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.13 ng
 RT: 8.29 min Scan# 648
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion: 93 Resp: 131201
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.3 39.5
 123 11.5 9.1 13.7

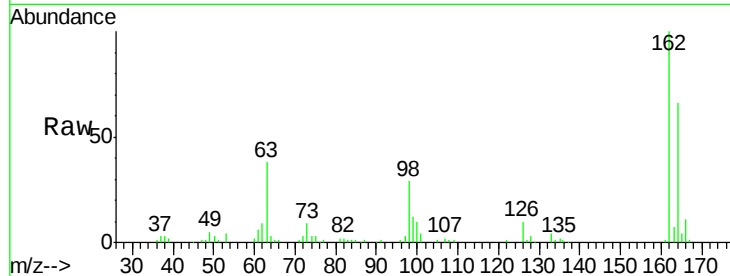




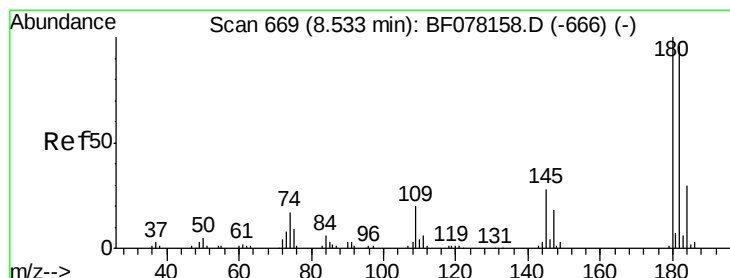
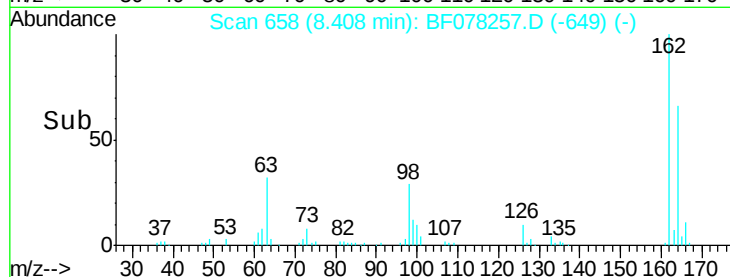
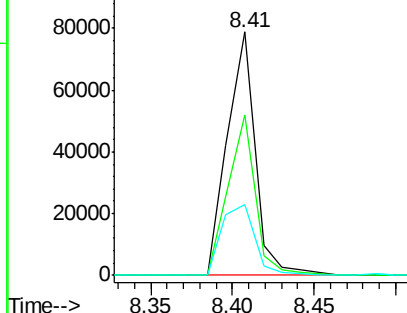
#29
 2,4-Dichlorophenol
 Concen: 44.36 ng
 RT: 8.41 min Scan# 658
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion:162 Resp: 93427
 Ion Ratio Lower Upper
 162 100
 164 65.7 47.0 87.0
 98 29.0 9.2 49.2

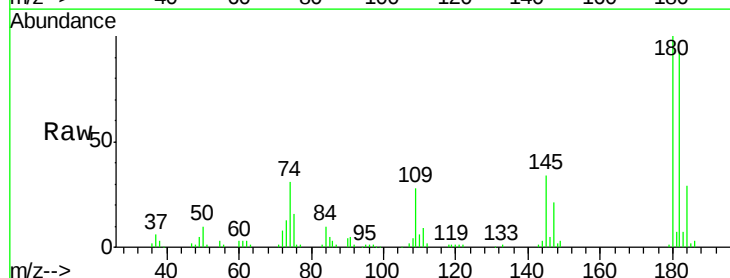


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

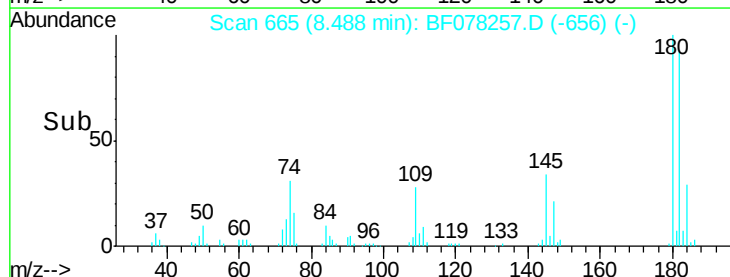
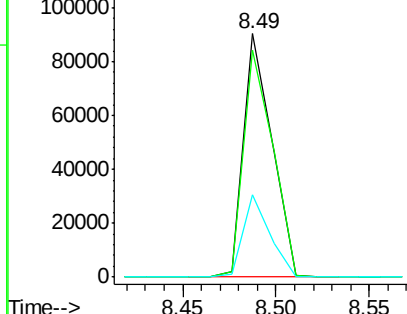


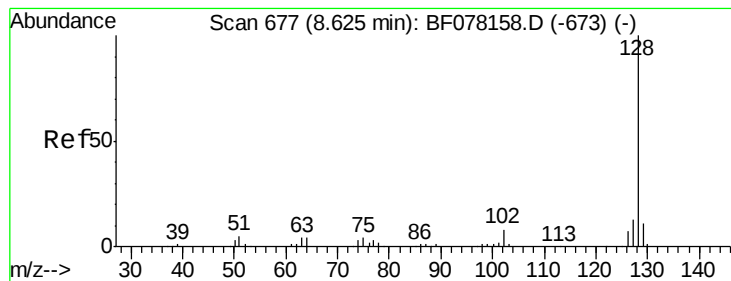
#30
 1,2,4-Trichlorobenzene
 Concen: 39.63 ng
 RT: 8.49 min Scan# 665
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:180 Resp: 95696
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.9 115.3
 145 33.6 22.5 33.7



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





#31

Naphthalene

Concen: 39.92 ng

RT: 8.58 min Scan# 673

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

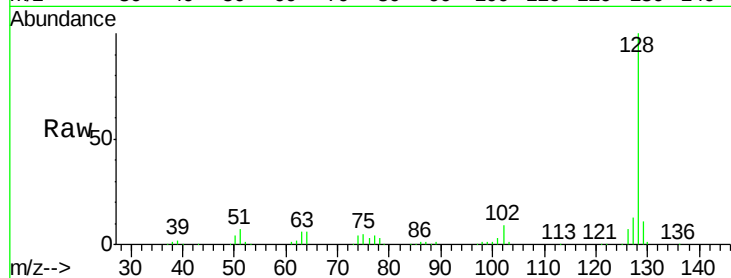
Tot Ion:128 Resp: 314786

Ion Ratio Lower Upper

128 100

129 11.3 8.6 12.8

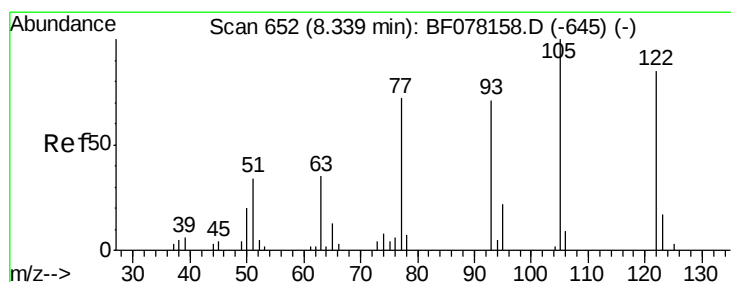
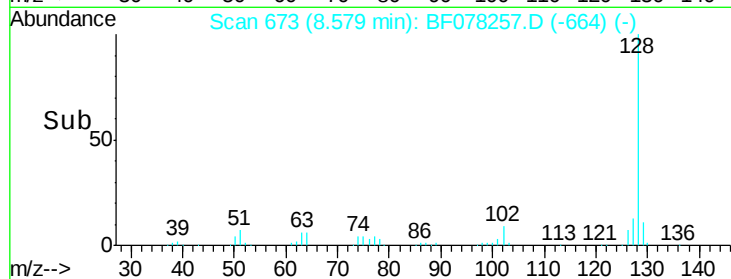
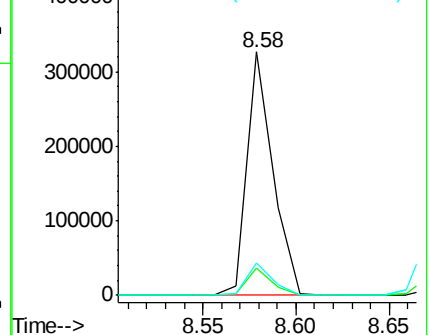
127 13.1 10.7 16.1



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: 49.98 ng

RT: 8.32 min Scan# 650

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

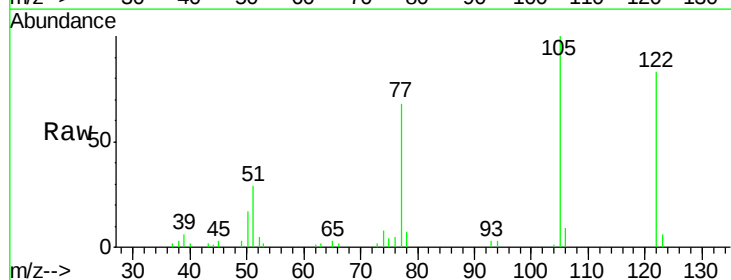
Tgt Ion:122 Resp: 54712

Ion Ratio Lower Upper

122 100

105 120.9 96.1 136.1

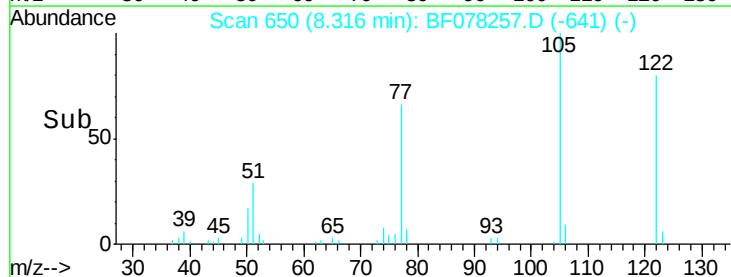
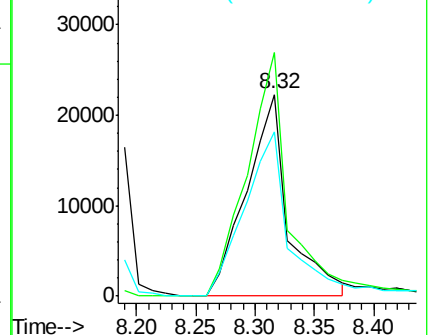
77 81.7 64.1 104.1

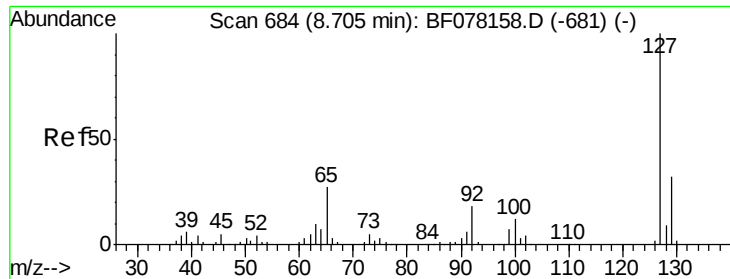


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

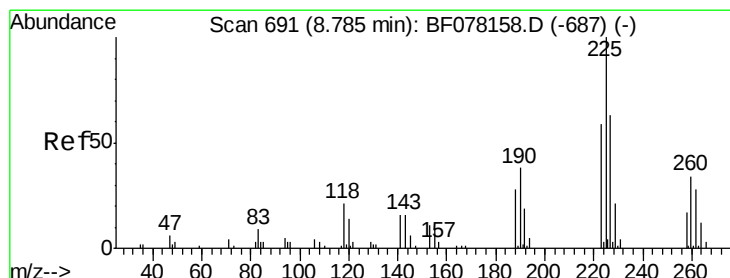
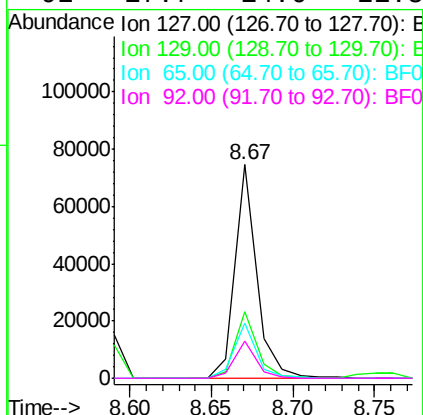
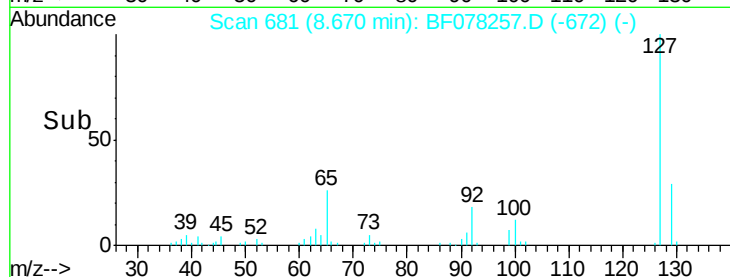
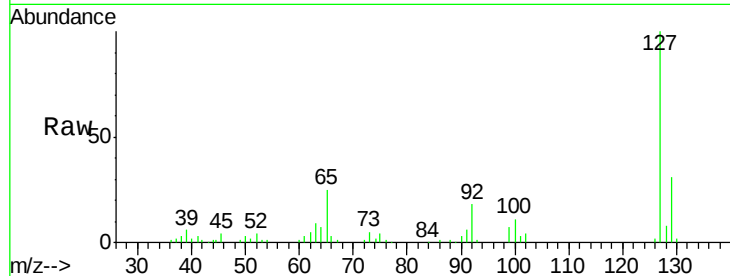




#33
4-Chloroaniline
Concen: 21.07 ng
RT: 8.67 min Scan# 681
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

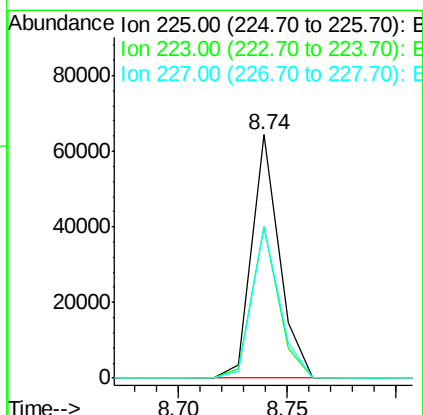
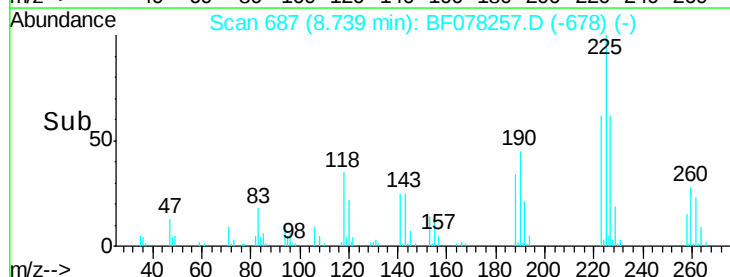
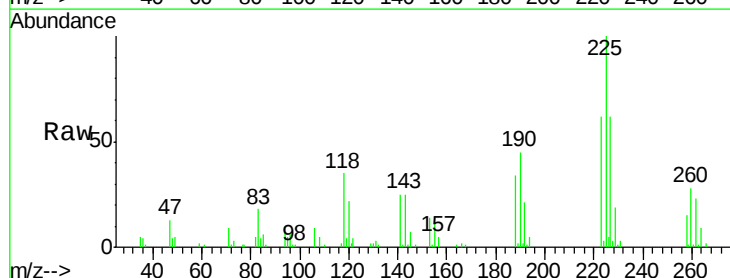
Instrument :
BNA_F
ClientSampleId :
PB82522BS

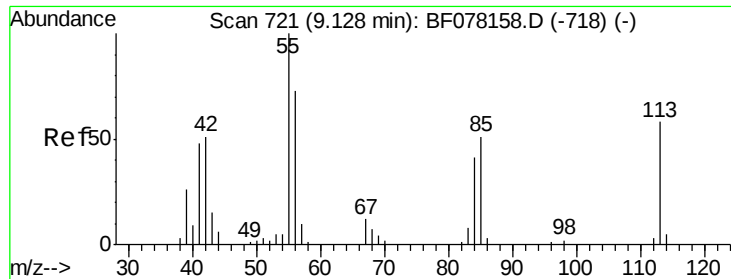
Tot Ion:	127	Resp:	68949
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.5	38.3
65	25.5	21.7	32.5
92	17.7	14.6	21.8



#34
Hexachlorobutadiene
Concen: 42.72 ng
RT: 8.74 min Scan# 687
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:	225	Resp:	56643
Ion	Ratio	Lower	Upper
225	100		
223	62.1	47.5	71.3
227	62.2	50.2	75.2

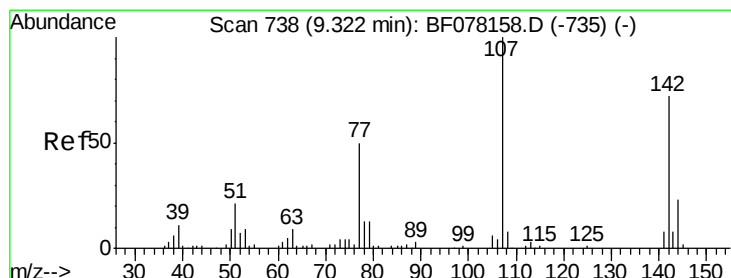
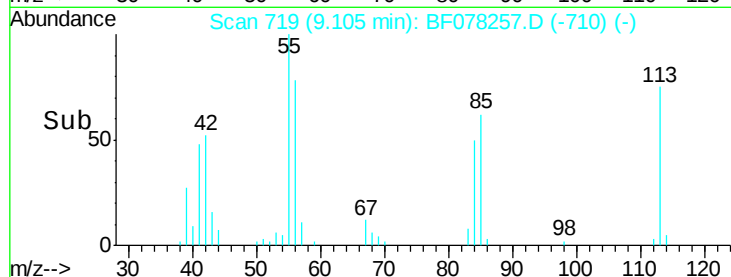
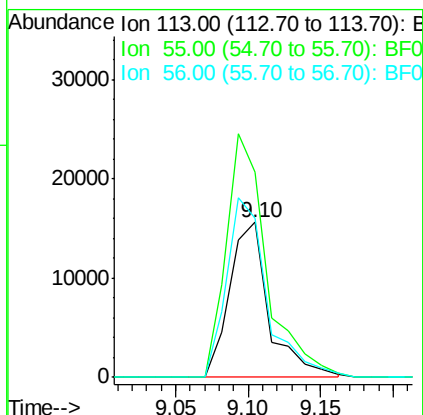
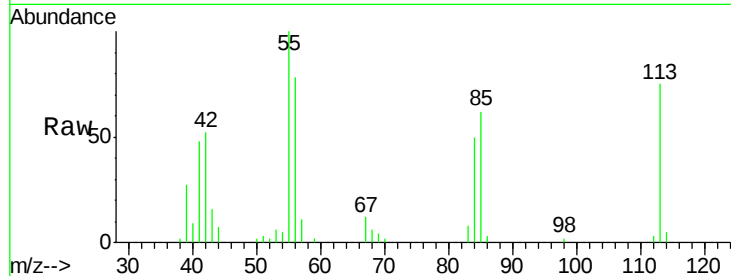




#35
Caprolactam
Concen: 46.99 ng
RT: 9.10 min Scan# 719
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

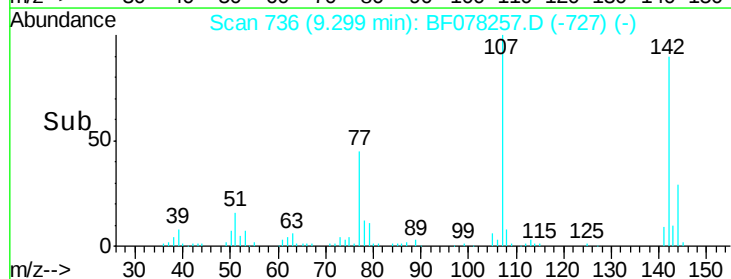
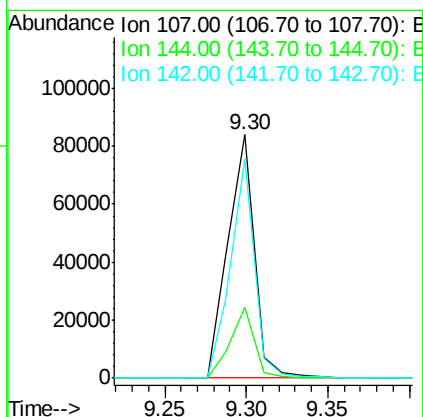
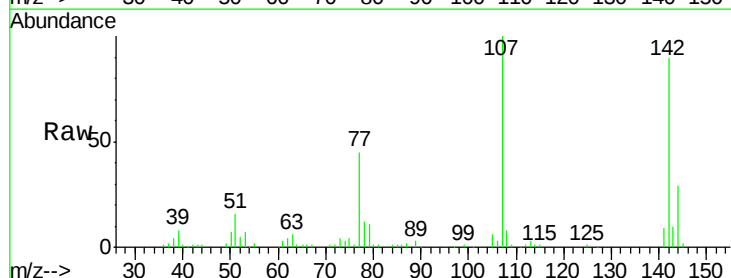
Instrument :
BNA_F
ClientSampleId :
PB82522BS

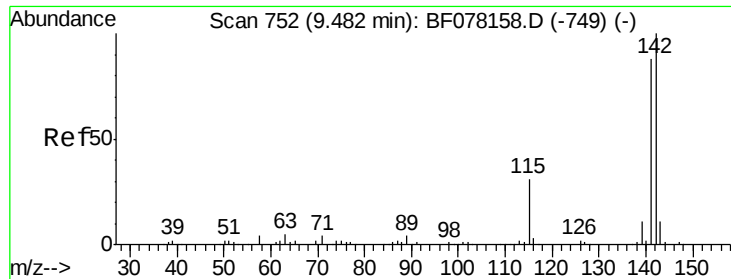
Tot Ion:113 Resp: 29543
Ion Ratio Lower Upper
113 100
55 132.6 151.9 191.9#
56 102.9 106.1 146.1#



#36
4-Chloro-3-methylphenol
Concen: 43.99 ng
RT: 9.30 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:107 Resp: 93484
Ion Ratio Lower Upper
107 100
144 29.3 18.2 27.2#
142 90.0 58.0 87.0#

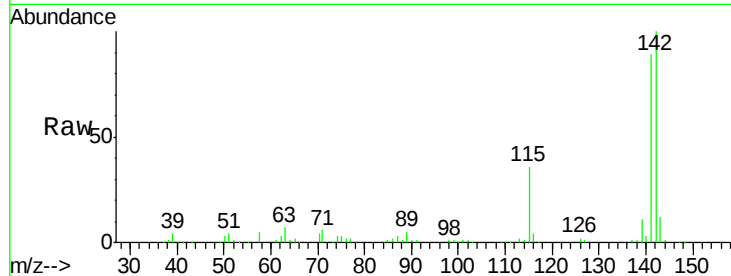




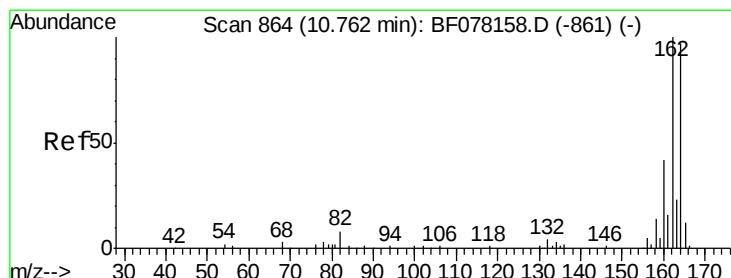
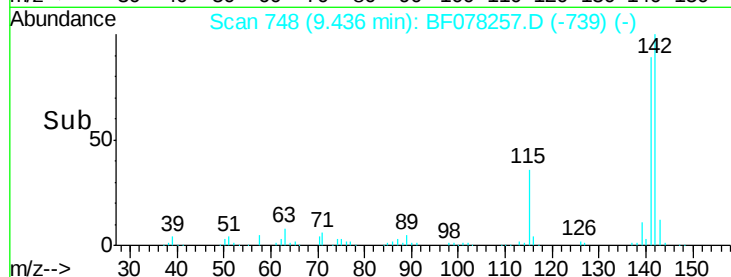
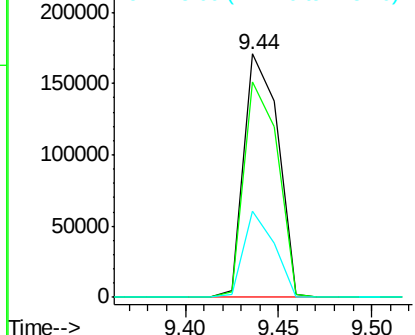
#37
 2-Methylnaphthalene
 Concen: 40.45 ng
 RT: 9.44 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion:142 Resp: 216523
 Ion Ratio Lower Upper
 142 100
 141 88.7 70.3 105.5
 115 35.6 24.6 37.0

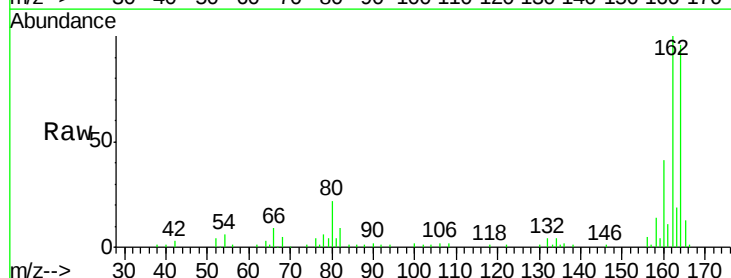


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

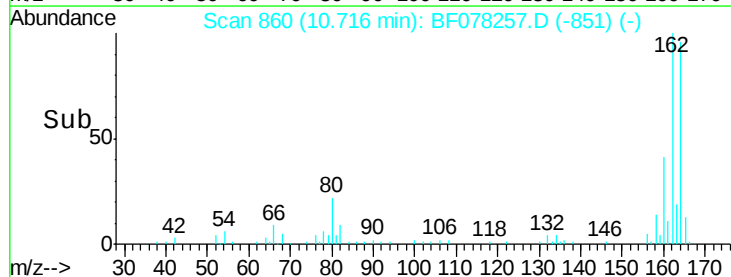
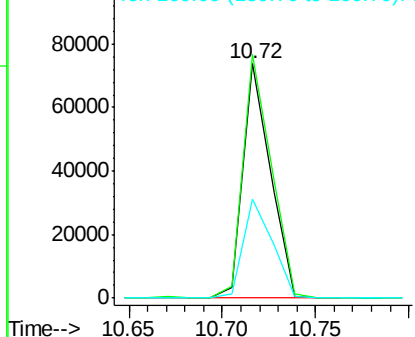


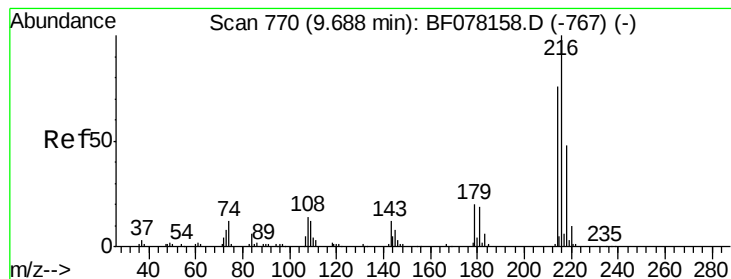
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:164 Resp: 76166
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.2 123.2
 160 42.3 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: 40.44 ng

RT: 9.64 min Scan# 766

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

Tot Ion:216 Resp: 95447

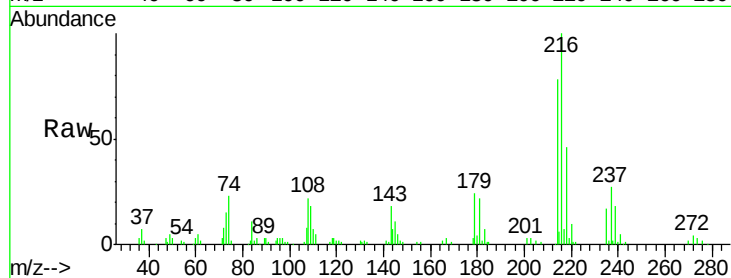
Ion Ratio Lower Upper

216 100

214 77.2 62.0 93.0

179 21.0 17.3 25.9

108 20.6 14.6 21.8

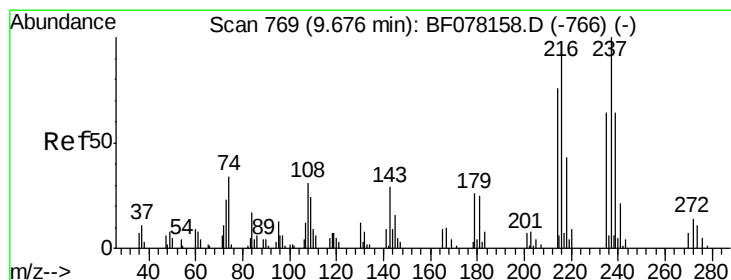
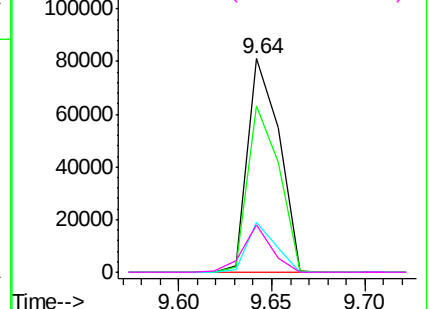
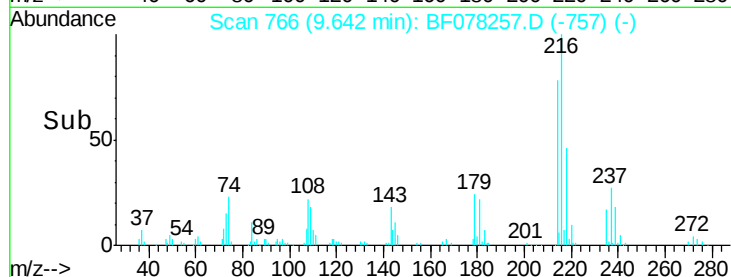


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 87.83 ng

RT: 9.63 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

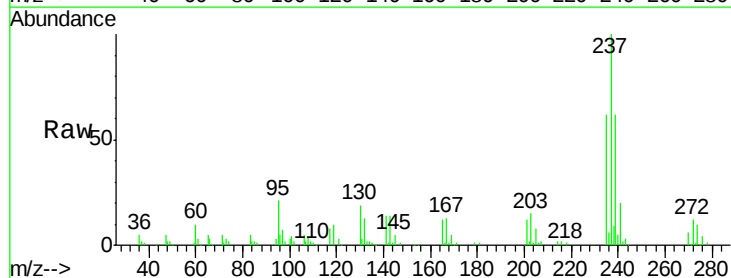
Tgt Ion:237 Resp: 89971

Ion Ratio Lower Upper

237 100

235 62.1 44.1 84.1

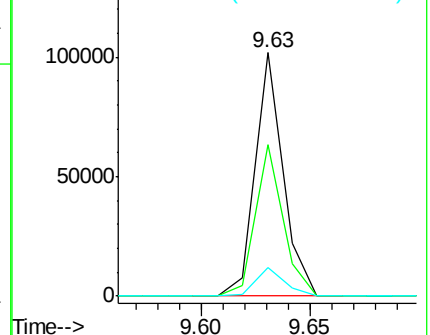
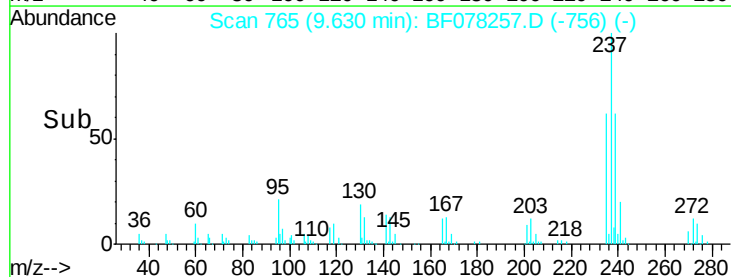
272 11.9 0.0 34.4

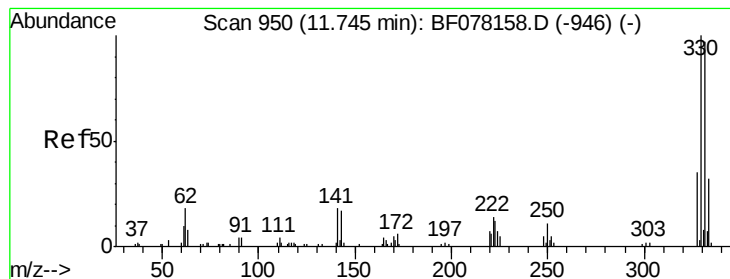


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

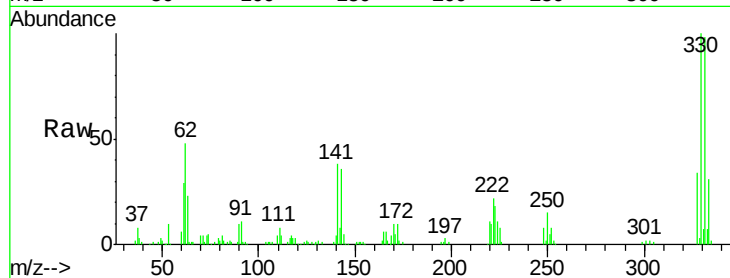




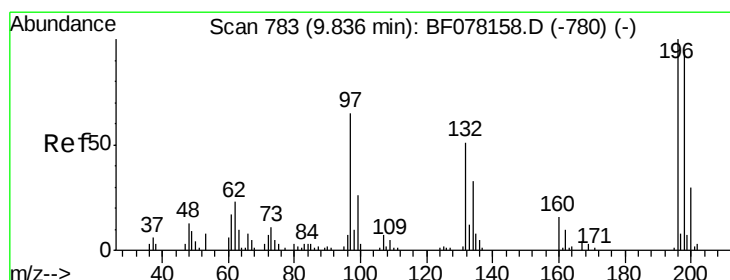
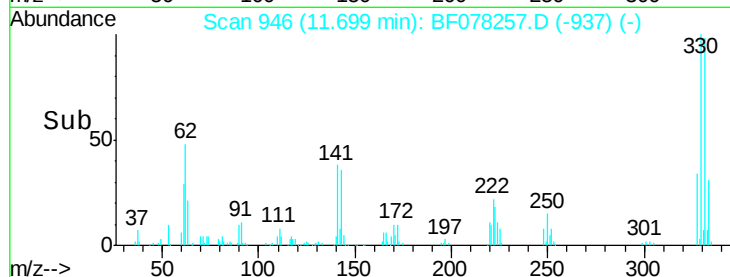
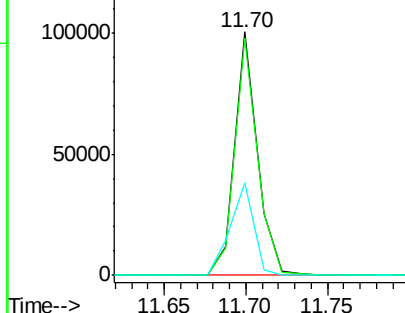
#41
 2,4,6-Tribromophenol
 Concen: 153.38 ng
 RT: 11.70 min Scan# 946
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.6	117.8
141	39.6	31.2	46.8

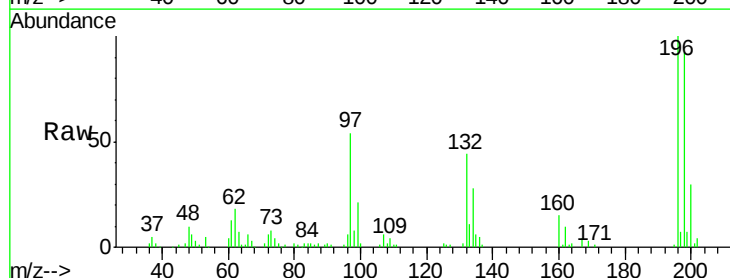


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

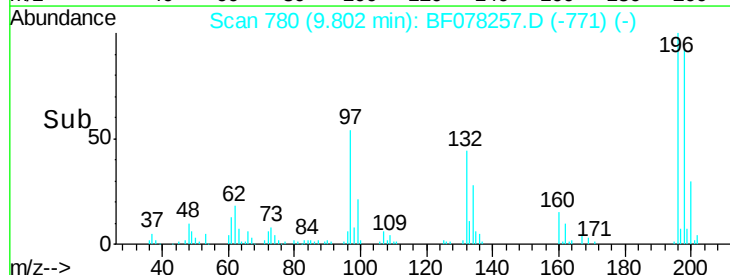
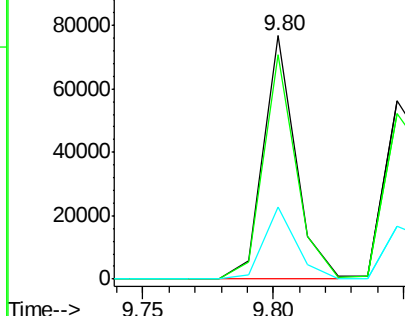


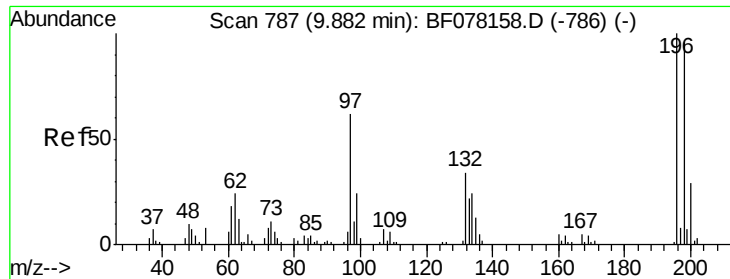
#42
 2,4,6-Trichlorophenol
 Concen: 44.56 ng
 RT: 9.80 min Scan# 780
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	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

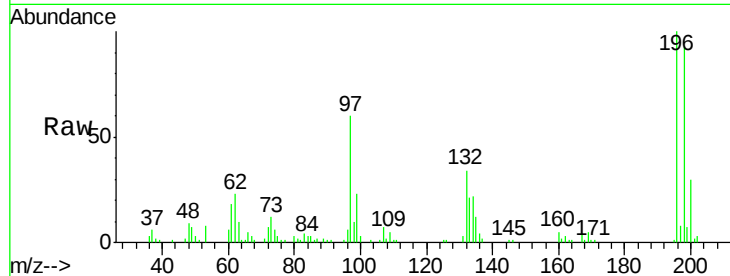




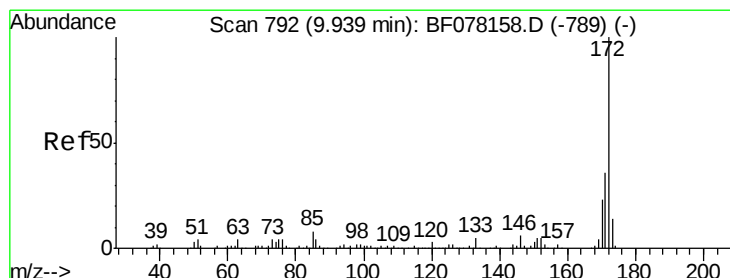
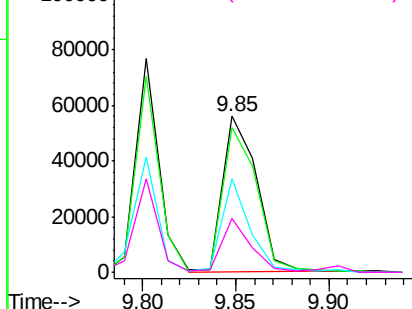
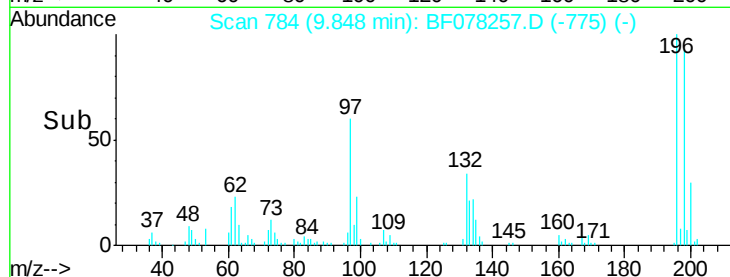
#43
 2,4,5-Trichlorophenol
 Concen: 45.57 ng
 RT: 9.85 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion:196 Resp: 70855
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.6 115.0
 97 59.8 50.6 75.8
 132 34.2 27.7 41.5

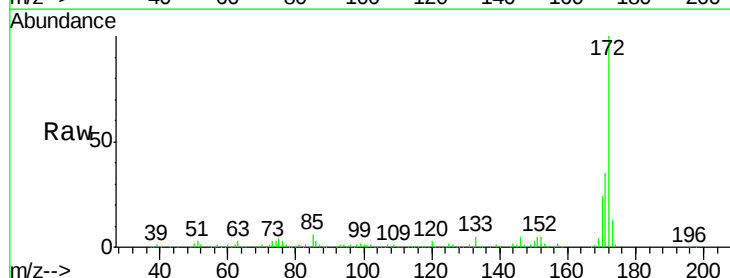


Abundance Ion 196.00 (195.70 to 196.70): E
 120000
 Ion 198.00 (197.70 to 198.70): E
 100000
 Ion 97.00 (96.70 to 97.70): BF0
 80000
 Ion 132.00 (131.70 to 132.70): E

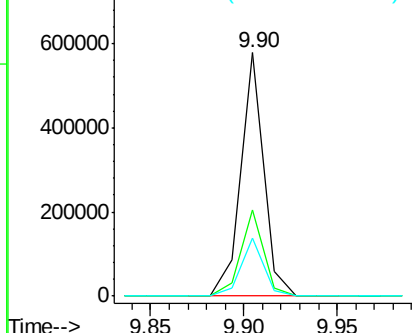
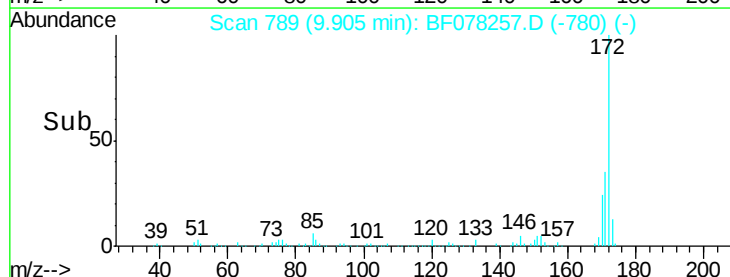


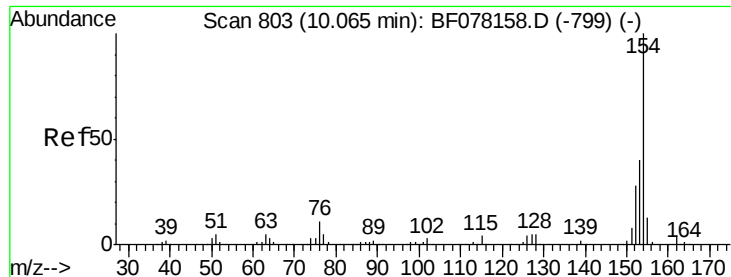
#44
 2-Fluorobiphenyl
 Concen: 93.35 ng
 RT: 9.90 min Scan# 789
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:172 Resp: 497428
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 42.8
 170 23.8 18.5 27.7



Abundance Ion 172.00 (171.70 to 172.70): E
 800000
 Ion 171.00 (170.70 to 171.70): E
 600000
 Ion 170.00 (169.70 to 170.70): E

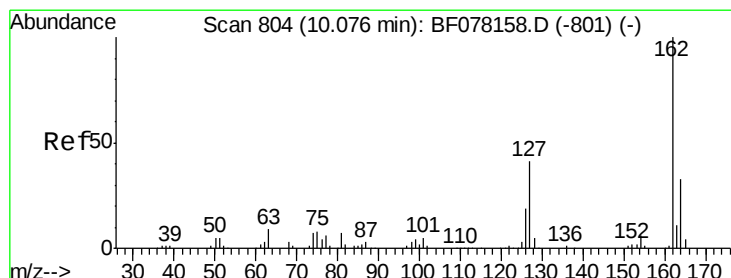
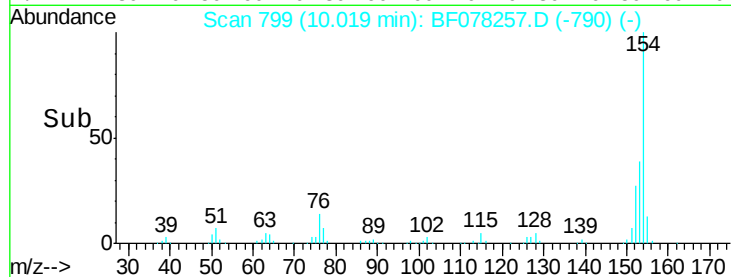
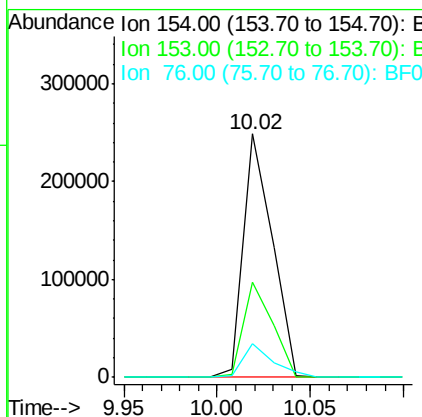
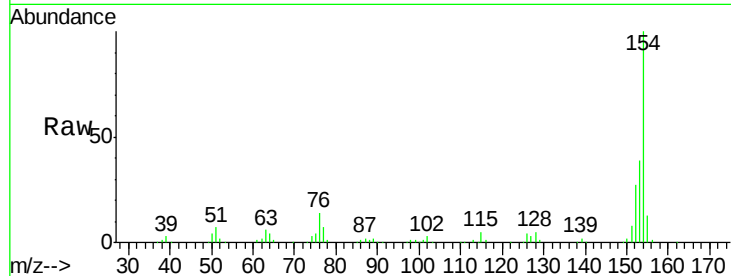




#45
1,1'-Biphenyl
Concen: 43.04 ng
RT: 10.02 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

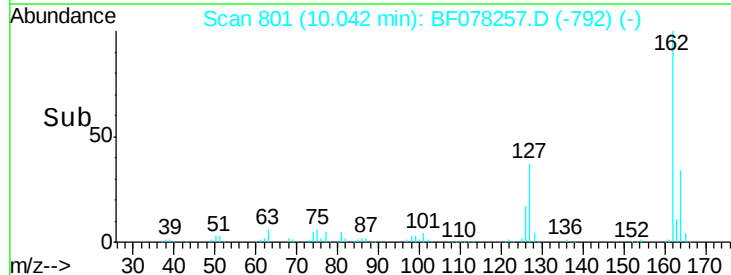
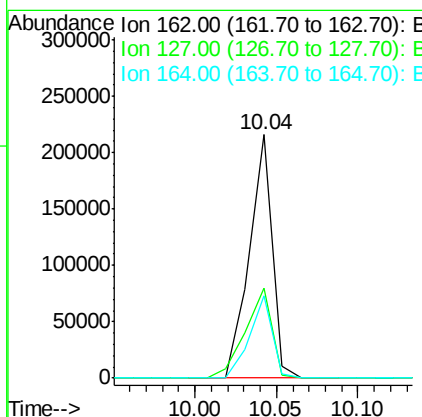
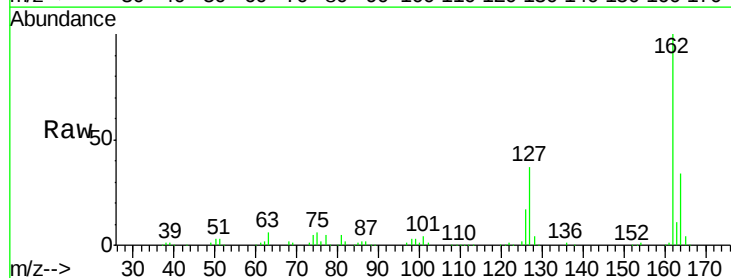
Instrument :
BNA_F
ClientSampleId :
PB82522BS

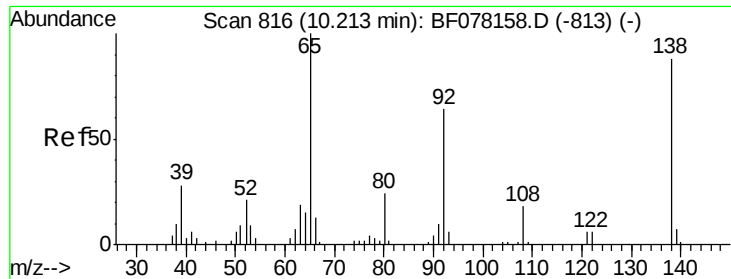
Tot Ion:154 Resp: 268162
Ion Ratio Lower Upper
154 100
153 39.1 20.0 60.0
76 14.0 0.0 30.6



#46
2-Chloronaphthalene
Concen: 42.91 ng
RT: 10.04 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:162 Resp: 210330
Ion Ratio Lower Upper
162 100
127 36.9 32.6 49.0
164 33.8 26.0 39.0

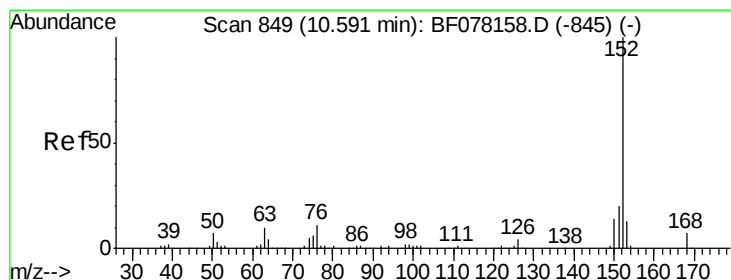
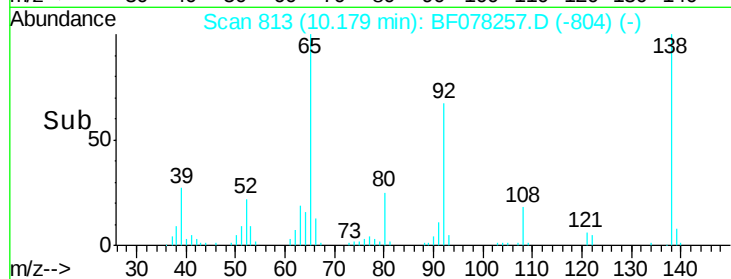
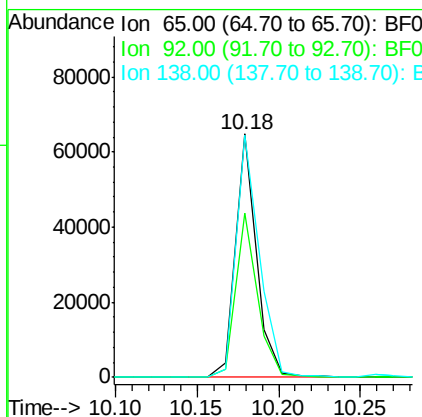
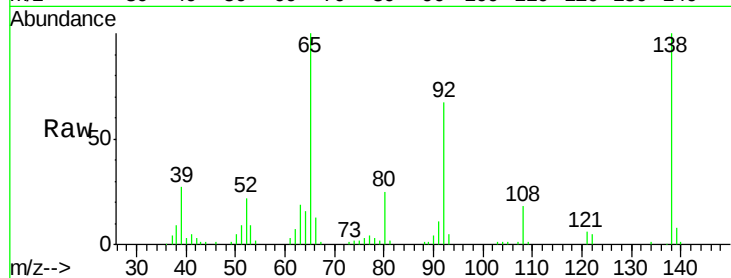




#47
 2-Nitroaniline
 Concen: 47.12 ng
 RT: 10.18 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

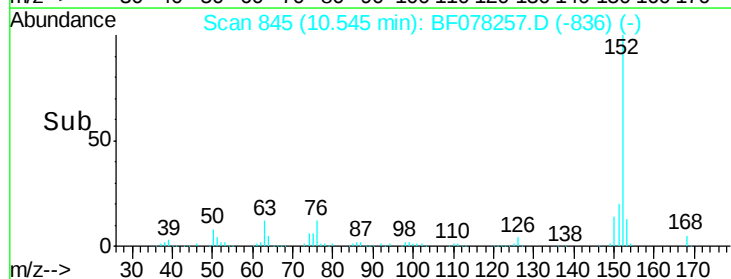
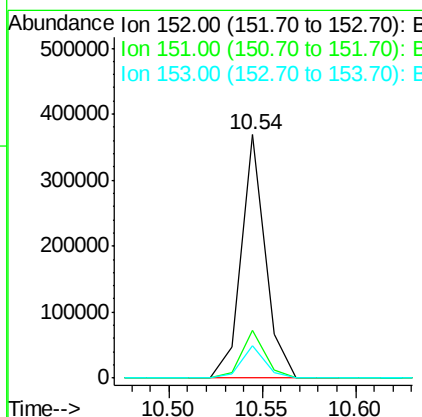
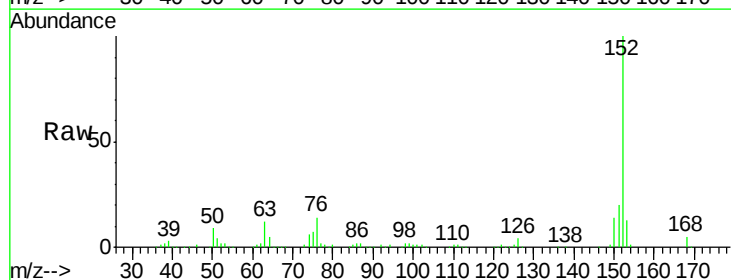
Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

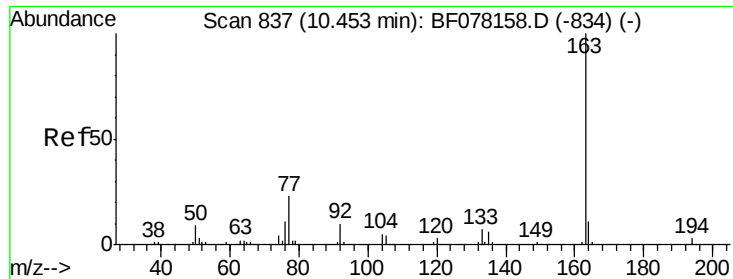
Tot Ion: 65 Resp: 57152
 Ion Ratio Lower Upper
 65 100
 92 67.5 51.3 76.9
 138 99.7 70.4 105.6



#48
 Acenaphthylene
 Concen: 41.82 ng
 RT: 10.54 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion: 152 Resp: 331037
 Ion Ratio Lower Upper
 152 100
 151 19.8 15.7 23.5
 153 13.3 10.2 15.2

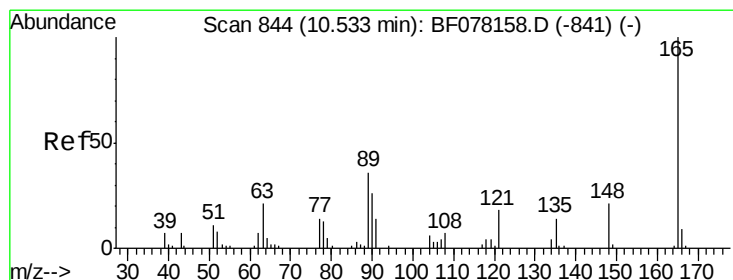
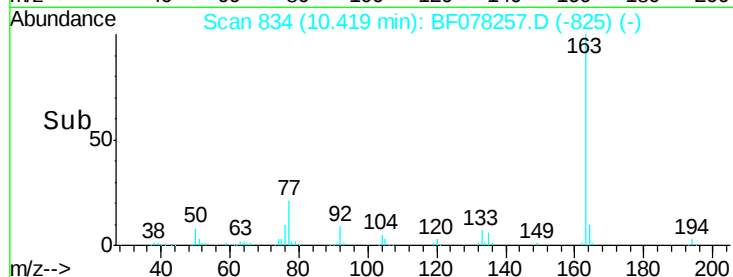
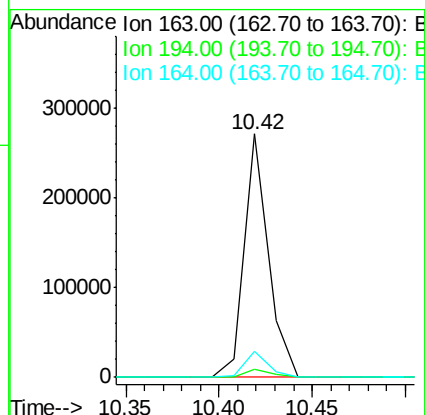
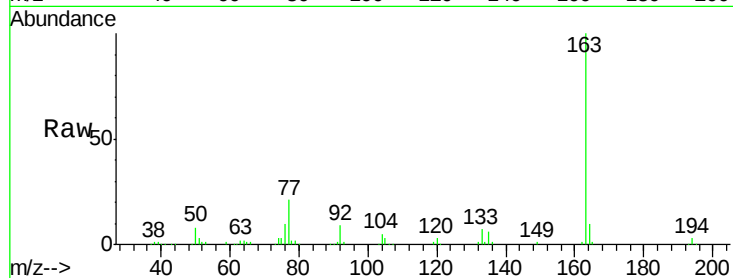




#49
Dimethylphthalate
Concen: 42.58 ng
RT: 10.42 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

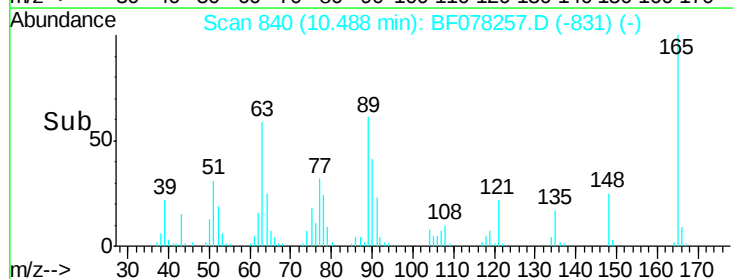
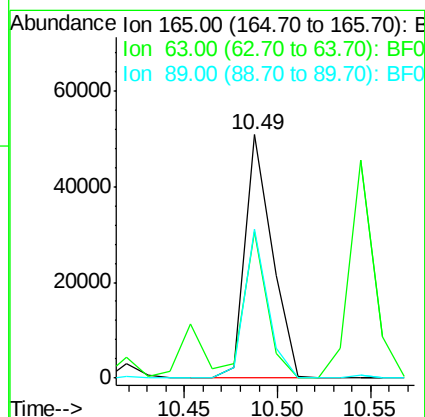
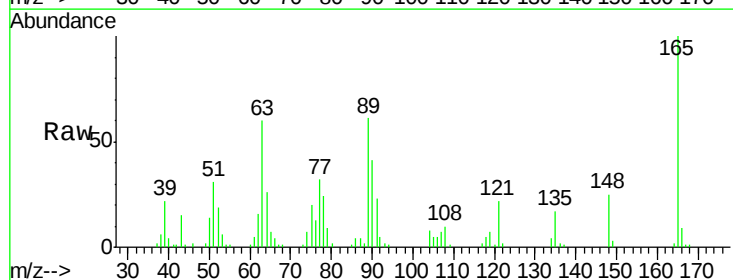
Instrument :
BNA_F
ClientSampleId :
PB82522BS

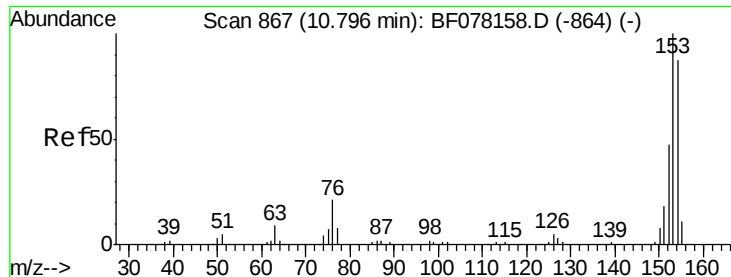
Tot Ion:163 Resp: 243647
Ion Ratio Lower Upper
163 100
194 3.3 2.3 3.5
164 10.4 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 43.56 ng
RT: 10.49 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:165 Resp: 51283
Ion Ratio Lower Upper
165 100
63 60.0 24.1 36.1#
89 61.3 28.9 43.3#





#51

Acenaphthene

Concen: 43.23 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

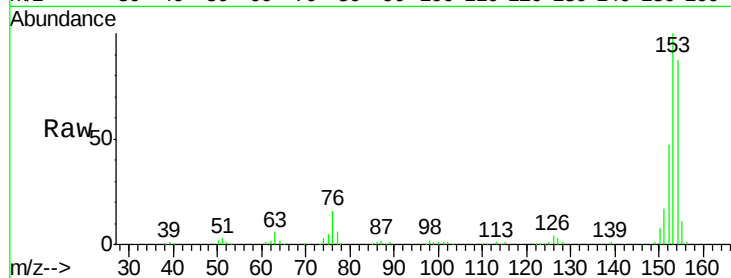
Tot Ion:154 Resp: 192664

Ion Ratio Lower Upper

154 100

153 114.6 91.4 137.2

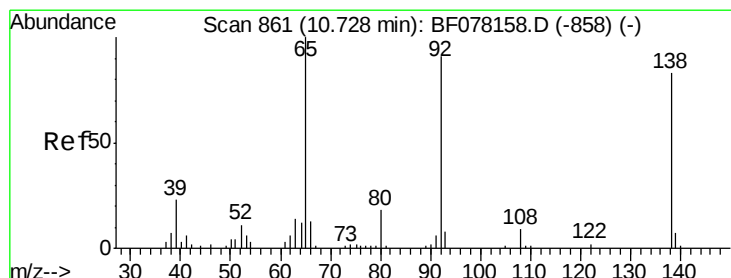
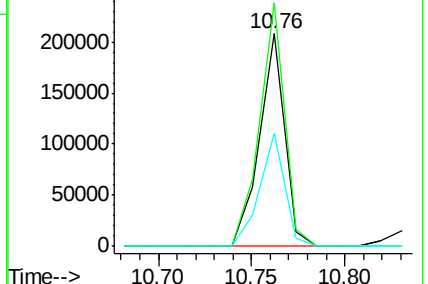
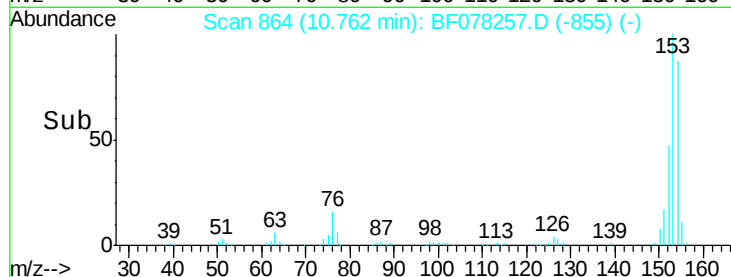
152 53.5 43.0 64.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 29.53 ng

RT: 10.69 min Scan# 858

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

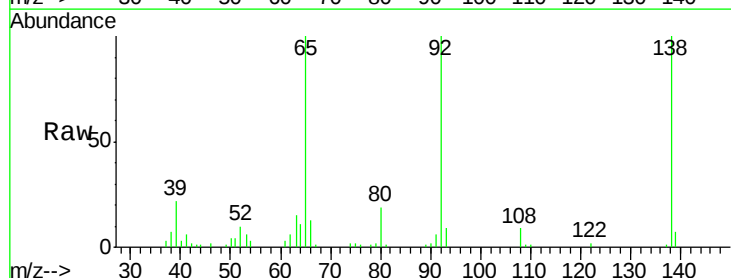
Tgt Ion:138 Resp: 39530

Ion Ratio Lower Upper

138 100

108 8.9 8.2 12.4

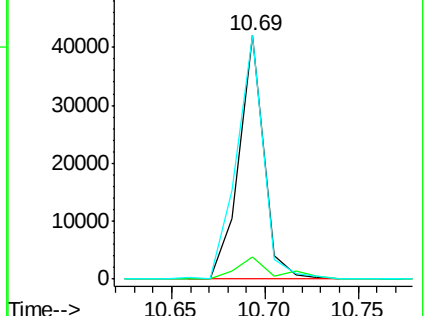
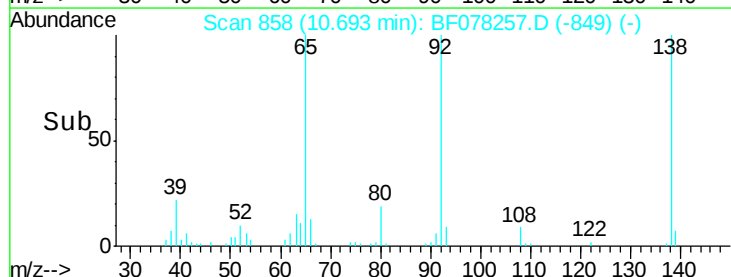
92 100.0 88.4 132.6

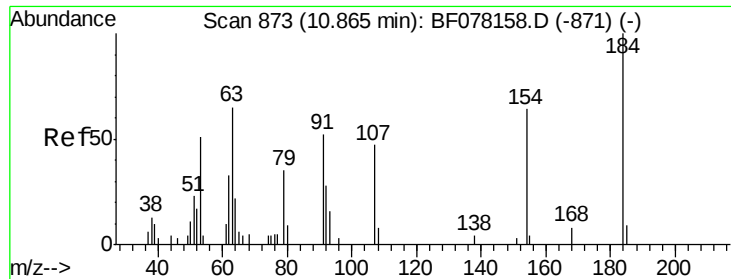


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

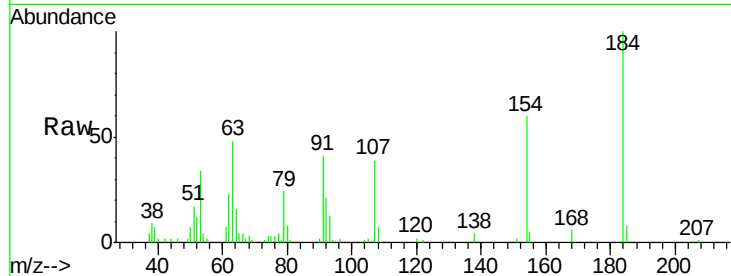




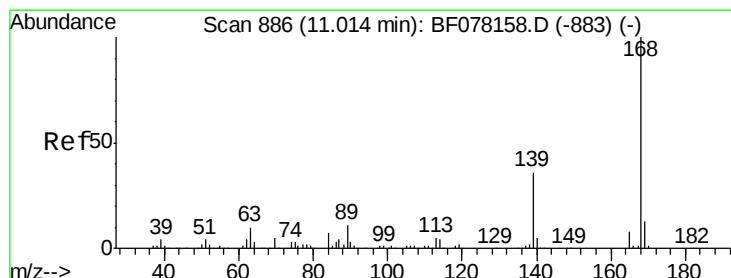
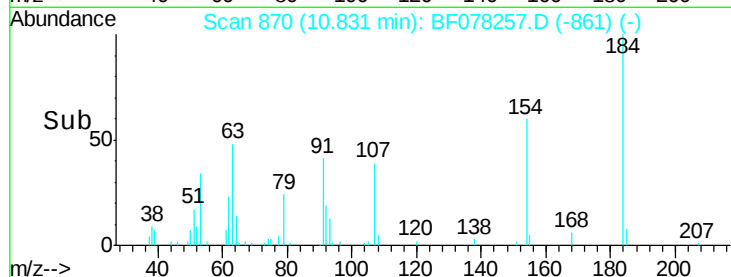
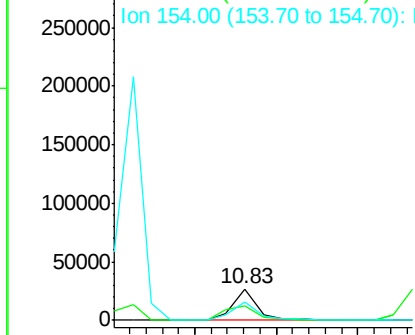
#53
 2,4-Dinitrophenol
 Concen: 68.66 ng
 RT: 10.83 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion:184 Resp: 29166
 Ion Ratio Lower Upper
 184 100
 63 47.7 51.9 77.9#
 154 59.6 51.0 76.4

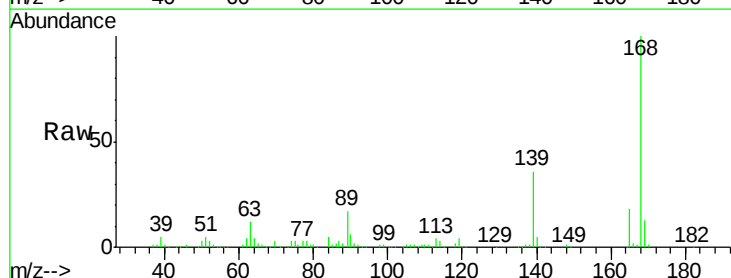


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

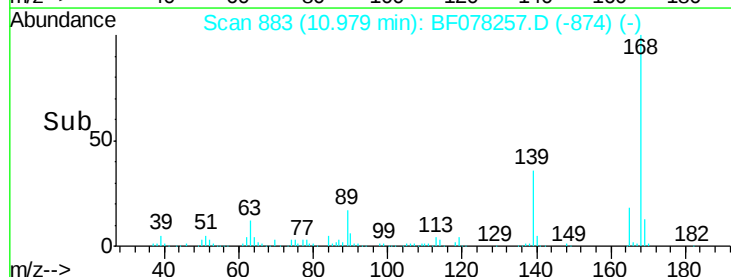
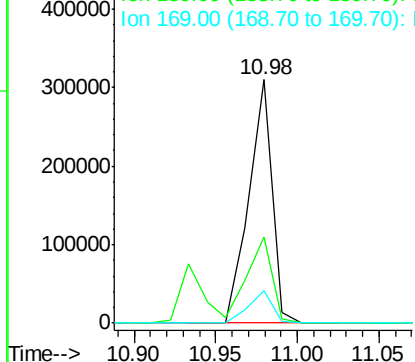


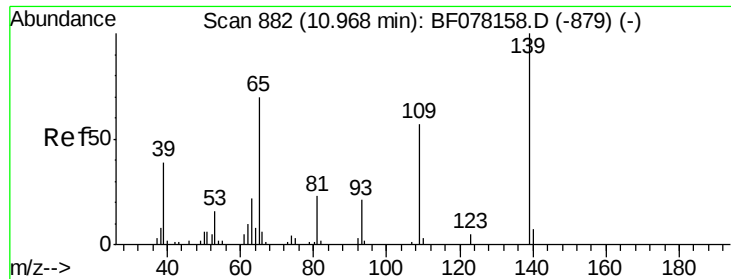
#54
 Dibenzofuran
 Concen: 45.05 ng
 RT: 10.98 min Scan# 883
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:168 Resp: 306617
 Ion Ratio Lower Upper
 168 100
 139 35.6 31.0 46.4
 169 13.3 10.7 16.1



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

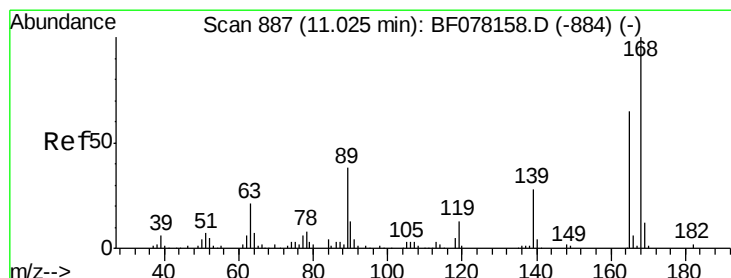
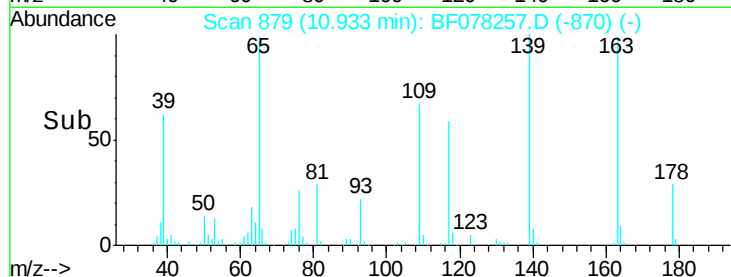
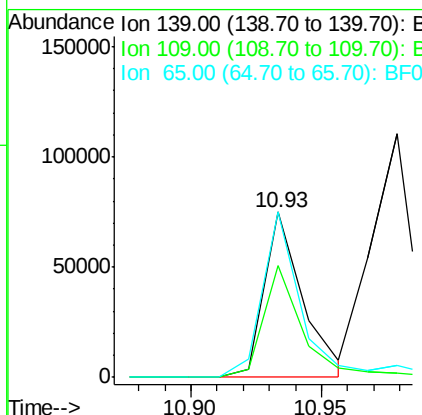
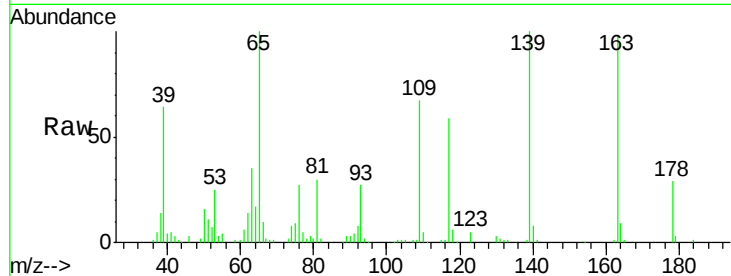




#55
4-Nitrophenol
Concen: 78.30 ng
RT: 10.93 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

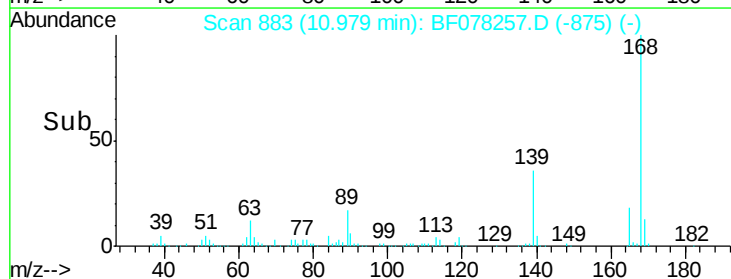
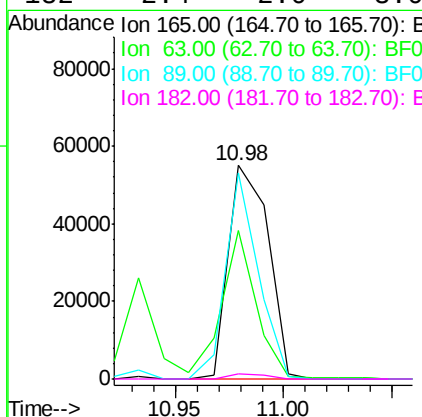
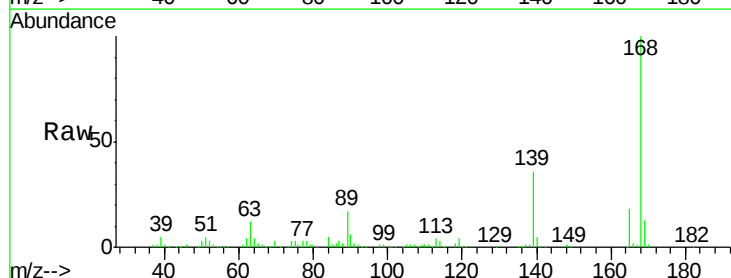
Instrument :
BNA_F
ClientSampled :
PB82522BS

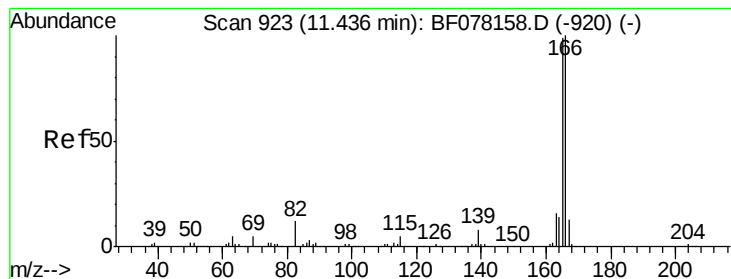
Tot Ion:139 Resp: 77120
Ion Ratio Lower Upper
139 100
109 67.5 36.7 76.7
65 100.5 49.9 89.9#



#56
2,4-Dinitrotoluene
Concen: 46.06 ng
RT: 10.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:165 Resp: 70233
Ion Ratio Lower Upper
165 100
63 69.6 26.5 39.7#
89 96.6 46.4 69.6#
182 2.4 2.0 3.0





#57

Fluorene

Concen: 44.92 ng

RT: 11.40 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

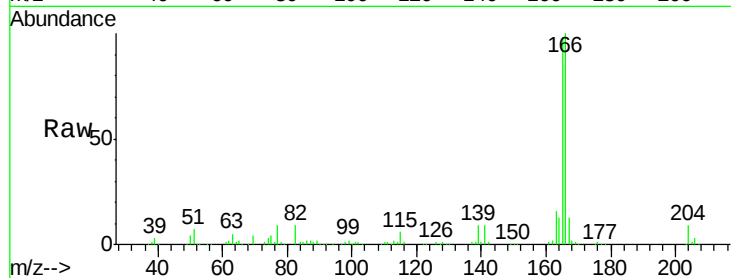
Tot Ion:166 Resp: 247871

Ion Ratio Lower Upper

166 100

165 98.4 78.9 118.3

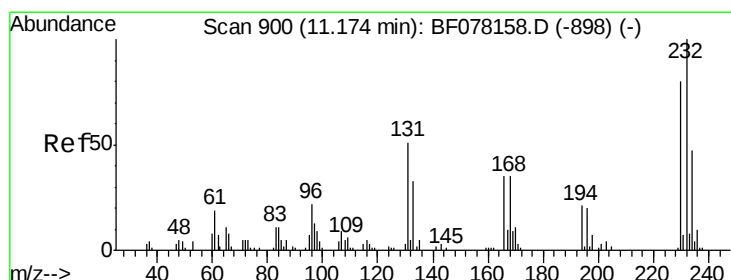
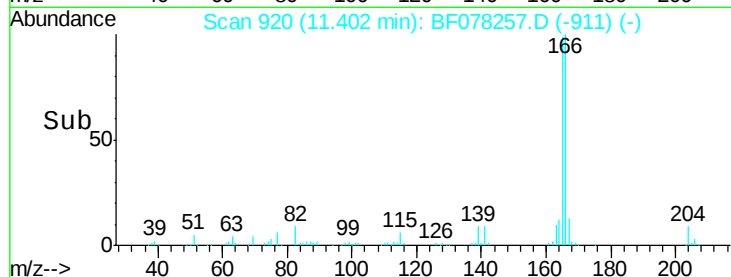
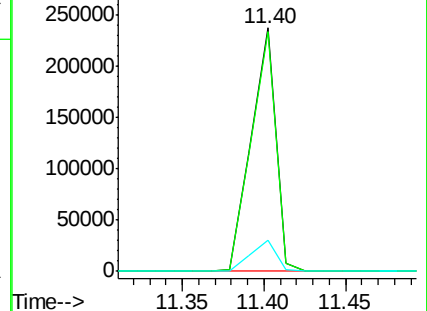
167 12.7 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 46.65 ng

RT: 11.14 min Scan# 897

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Tgt Ion:232 Resp: 53782

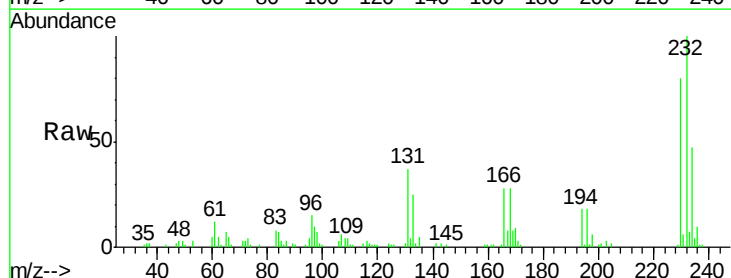
Ion Ratio Lower Upper

232 100

131 46.3 37.8 56.8

130 2.2 1.5 2.3

166 31.8 25.8 38.6

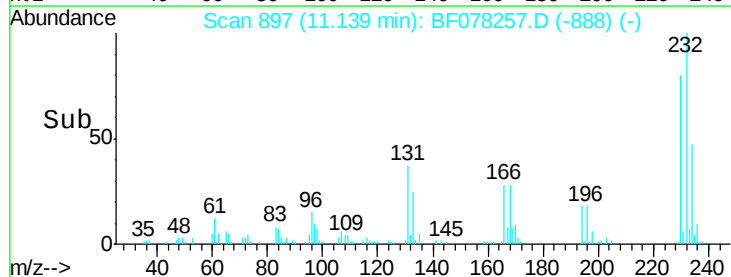
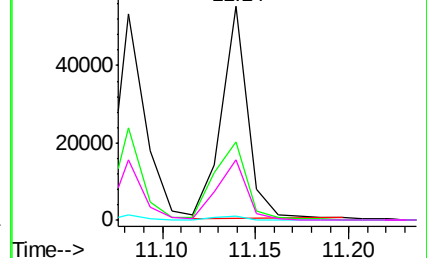


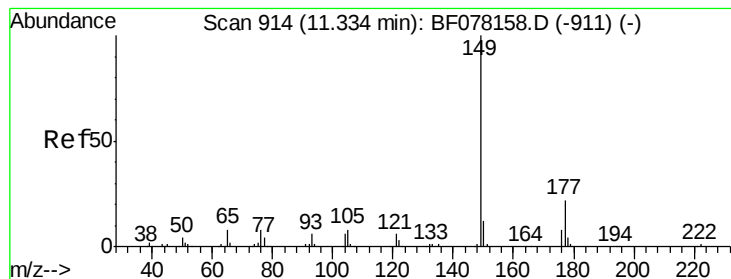
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.72 ng

RT: 11.30 min Scan# 911

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleID :

PB82522BS

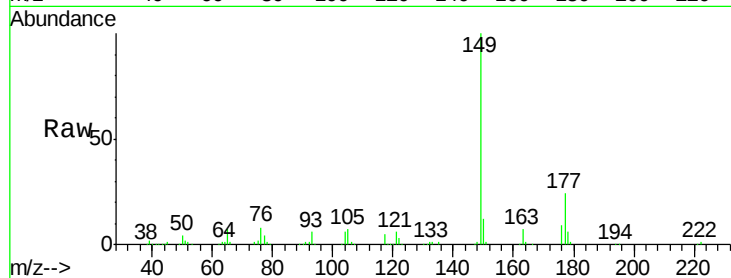
Tot Ion:149 Resp: 241246

Ion Ratio Lower Upper

149 100

177 23.7 17.4 26.2

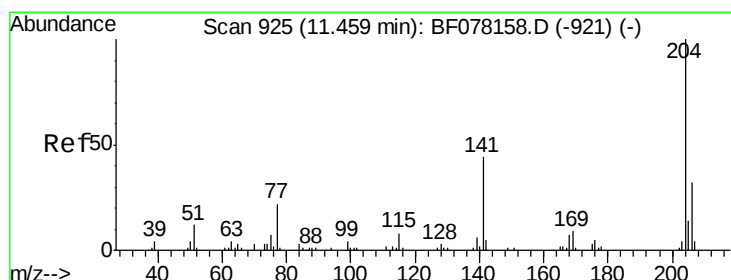
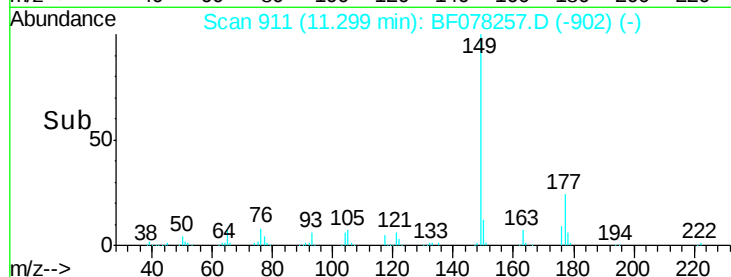
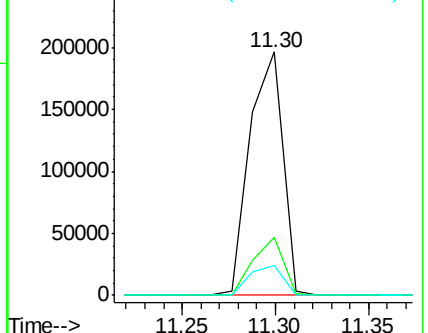
150 12.0 9.4 14.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 45.03 ng

RT: 11.41 min Scan# 921

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

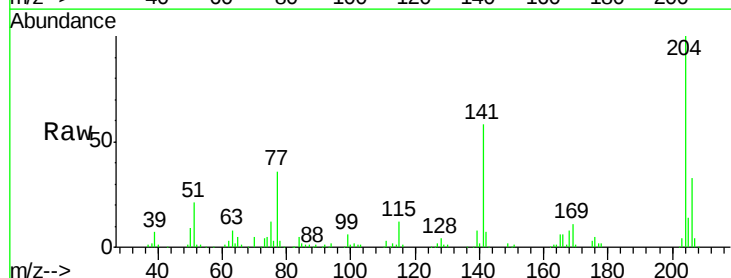
Tgt Ion:204 Resp: 114287

Ion Ratio Lower Upper

204 100

206 32.7 25.6 38.4

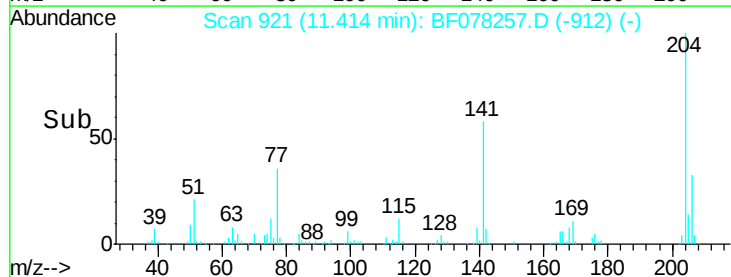
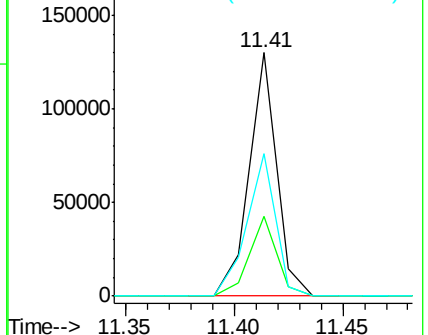
141 58.3 35.4 53.0#

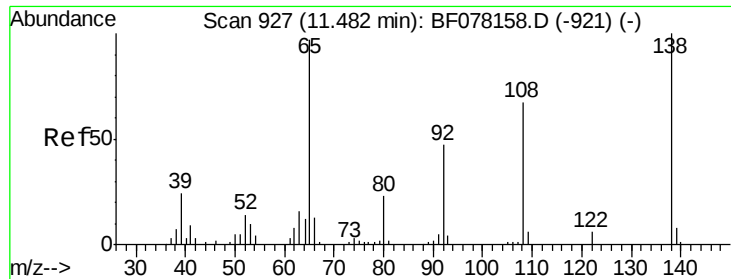


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

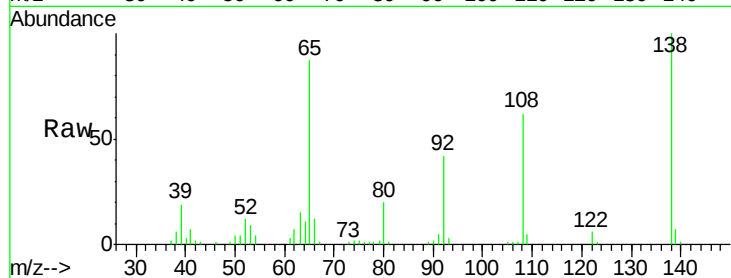




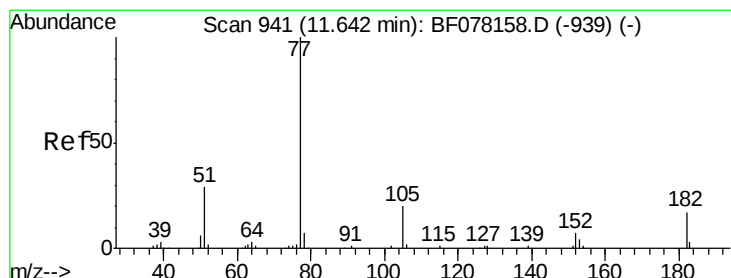
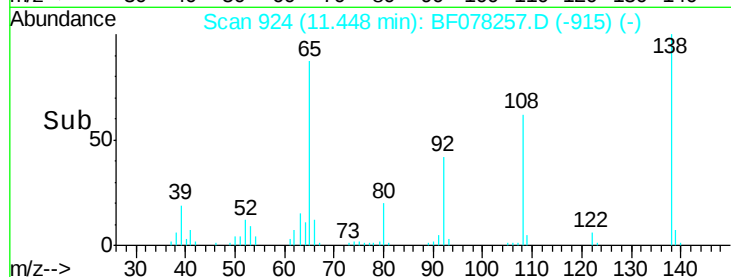
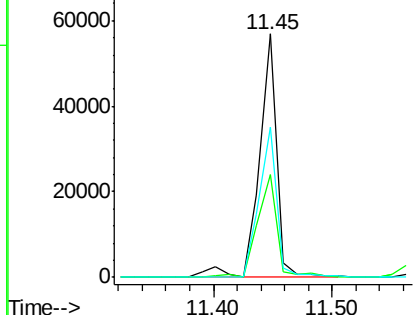
#61
4-Nitroaniline
Concen: 43.49 ng
RT: 11.45 min Scan# 924
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Instrument :
BNA_F
ClientSampleId :
PB82522BS

Tot Ion:138 Resp: 58856
Ion Ratio Lower Upper
138 100
92 42.2 27.3 67.3
108 61.8 47.2 87.2

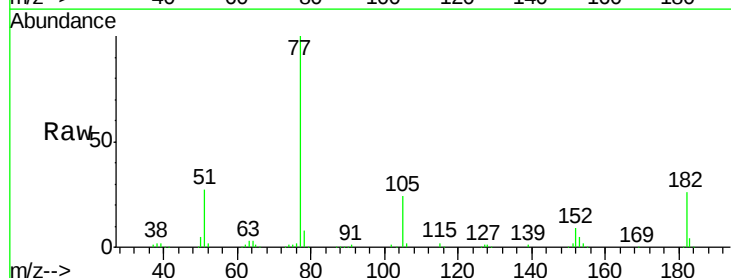


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

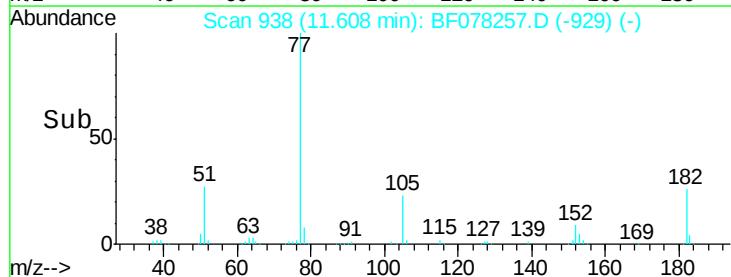
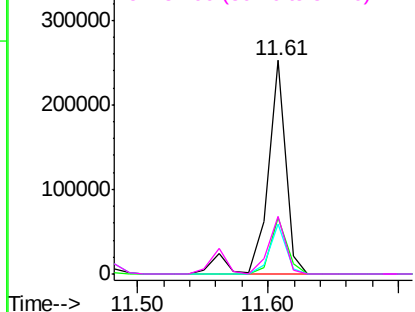


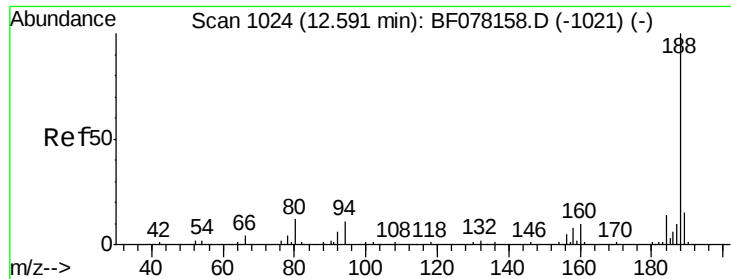
#62
Azobenzene
Concen: 50.36 ng
RT: 11.61 min Scan# 938
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion: 77 Resp: 253571
Ion Ratio Lower Upper
77 100
182 26.1 0.0 36.8
105 23.6 0.3 40.3
51 27.1 9.1 49.1



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

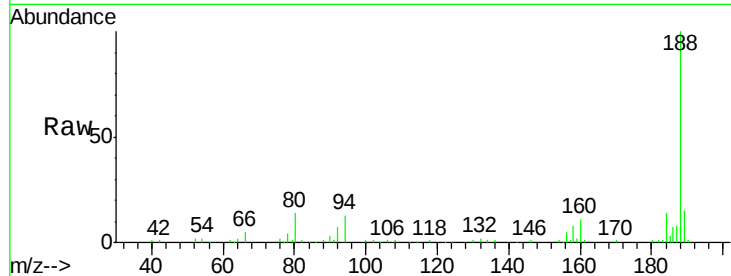




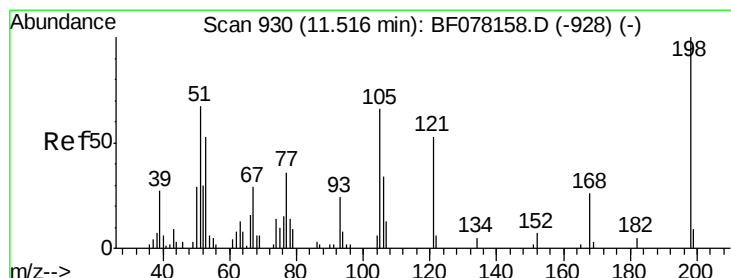
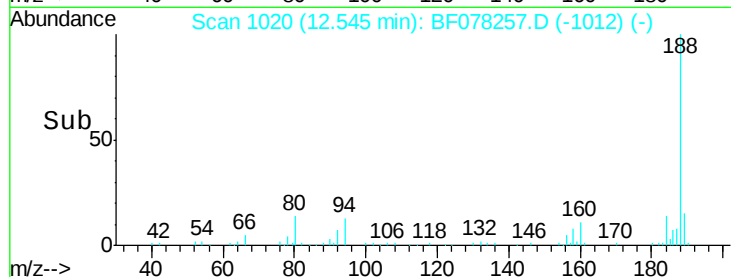
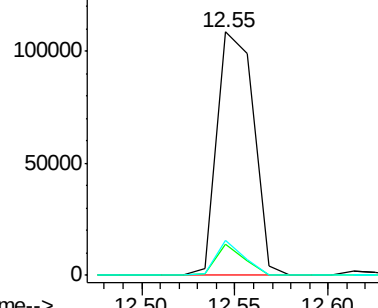
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.55 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion	Ratio	Lower	Upper
188	100		
94	12.7	9.0	13.4
80	14.2	9.5	14.3

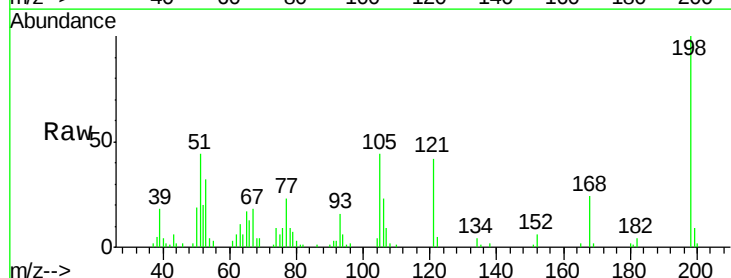


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

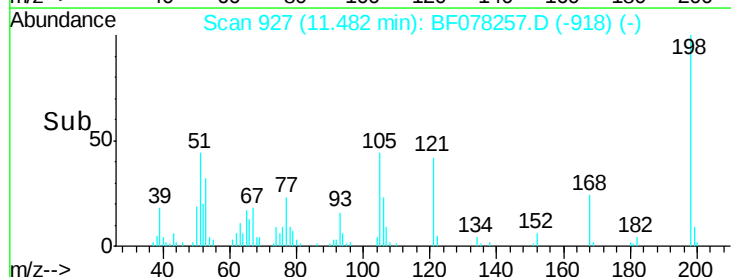
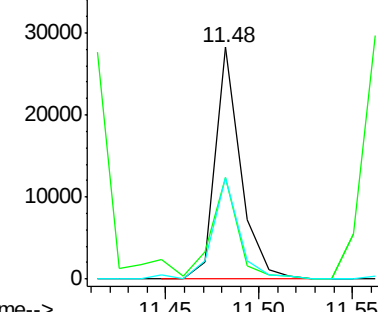


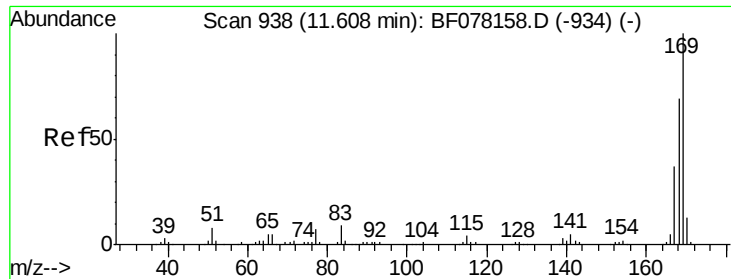
#64
 4,6-Dinitro-2-methylphenol
 Concen: 38.55 ng
 RT: 11.48 min Scan# 927
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion	Ratio	Lower	Upper
198	100		
51	43.6	48.6	88.6#
105	44.0	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

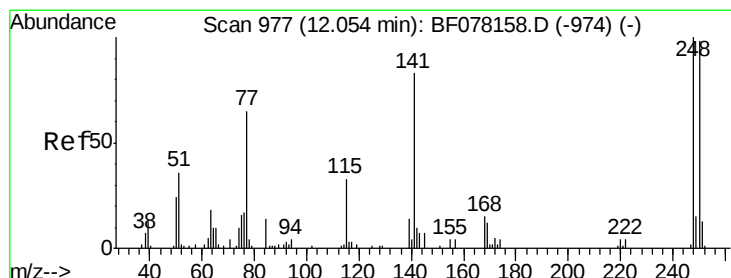
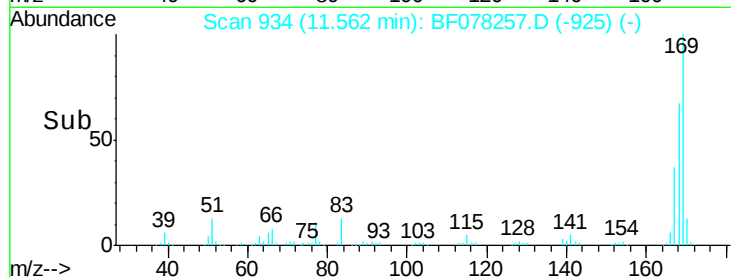
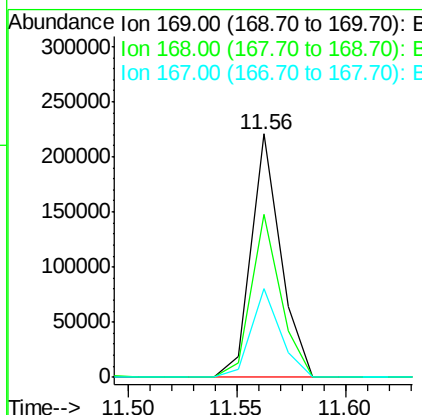
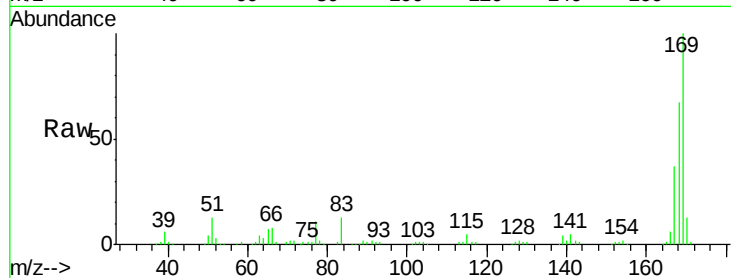




#65
 n-Nitrosodiphenylamine
 Concen: 40.83 ng
 RT: 11.56 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

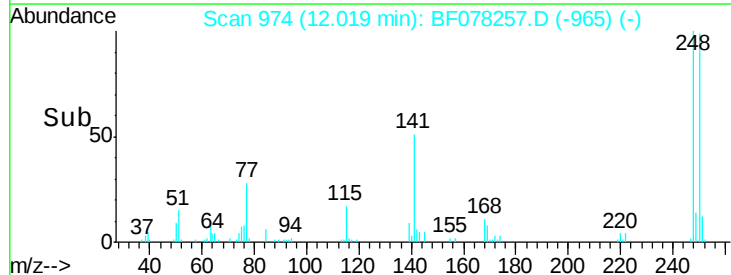
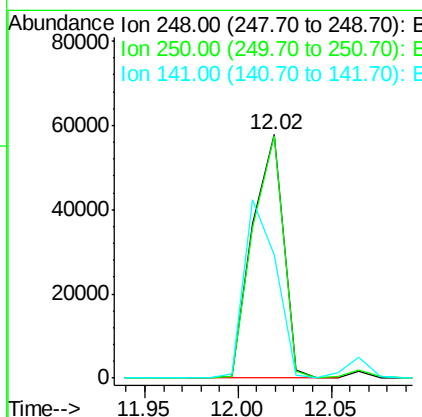
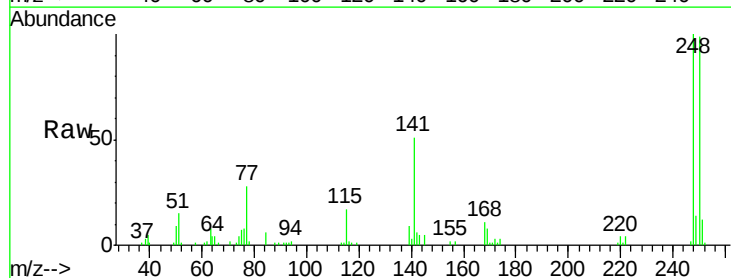
Instrument :
 BNA_F
 ClientSampleID :
 PB82522BS

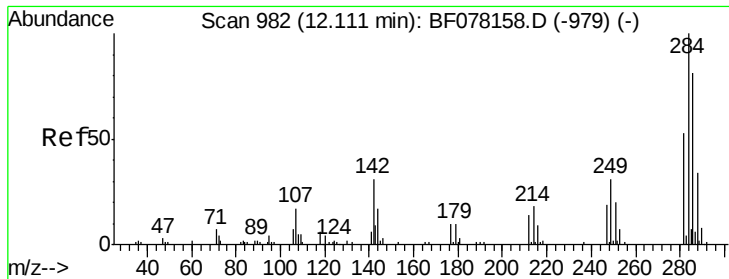
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.1	55.0	82.4
167	36.6	29.3	43.9



#66
 4-Bromophenyl-phenylether
 Concen: 42.44 ng
 RT: 12.02 min Scan# 974
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.2	117.2
141	50.7	66.4	99.6

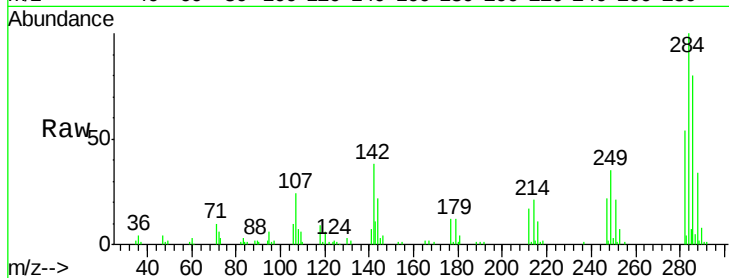




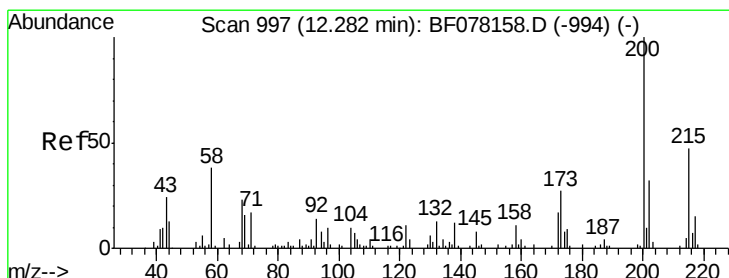
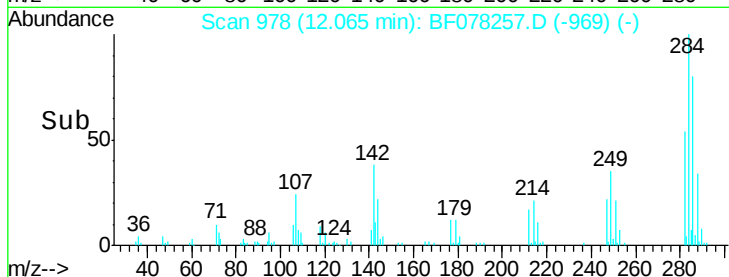
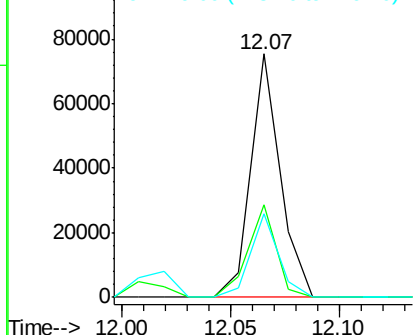
#67
Hexachlorobenzene
Concen: 41.39 ng
RT: 12.07 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Instrument :
BNA_F
ClientSampleId :
PB82522BS

Tot Ion:284 Resp: 70897
Ion Ratio Lower Upper
284 100
142 37.8 24.5 36.7#
249 34.6 24.8 37.2

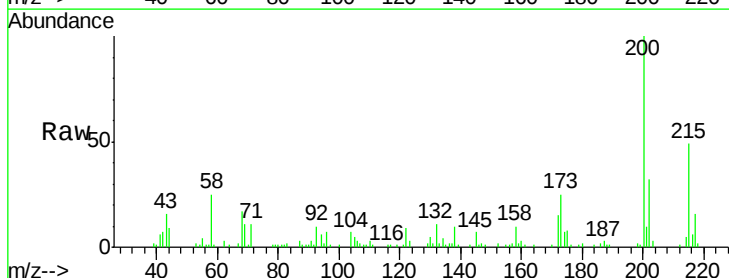


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

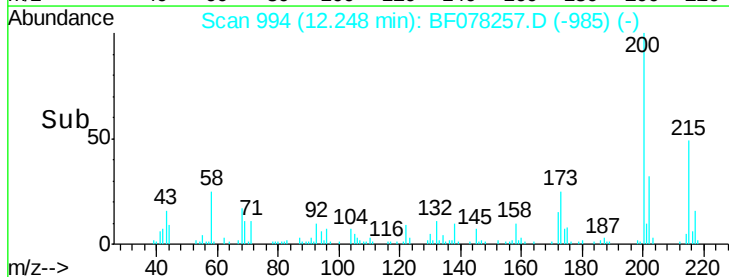
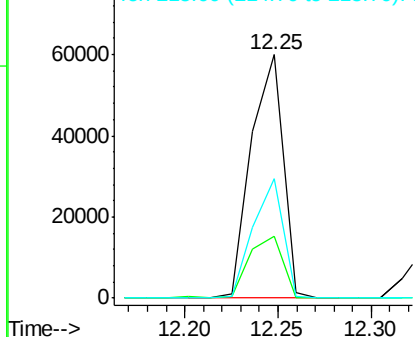


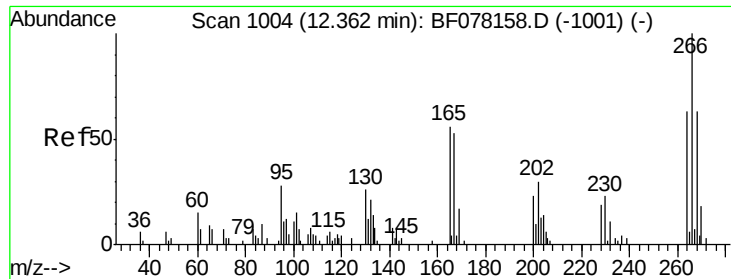
#68
Atrazine
Concen: 47.91 ng
RT: 12.25 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:200 Resp: 70849
Ion Ratio Lower Upper
200 100
173 25.5 6.9 46.9
215 48.9 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

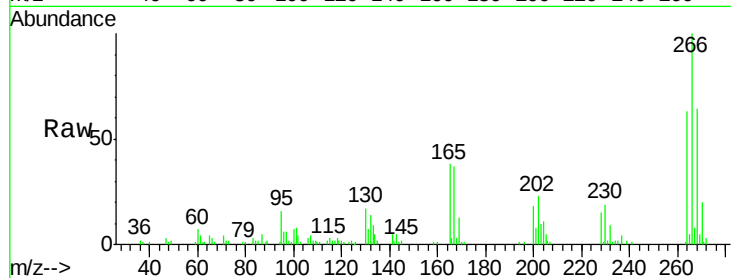




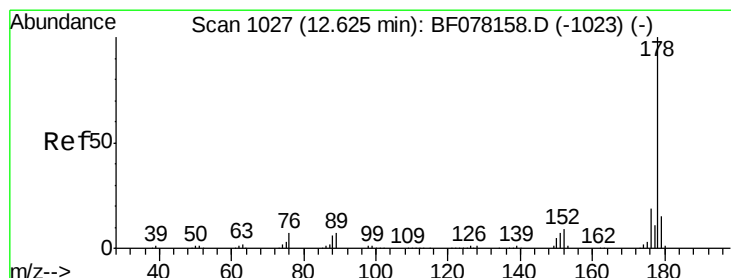
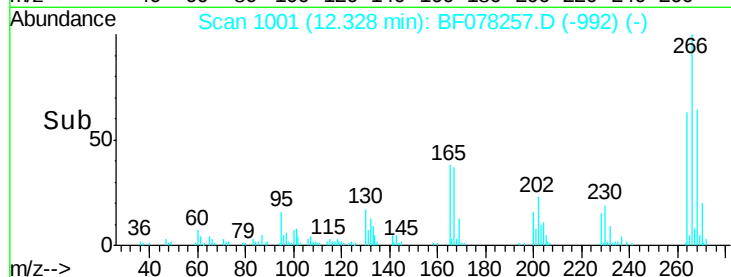
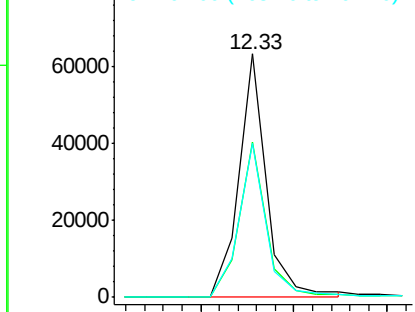
#69
 Pentachlorophenol
 Concen: 85.42 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion:266 Resp: 65335
 Ion Ratio Lower Upper
 266 100
 268 63.6 50.1 75.1
 264 63.1 50.0 75.0

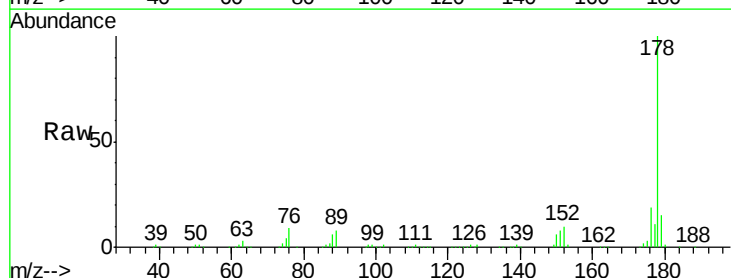


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

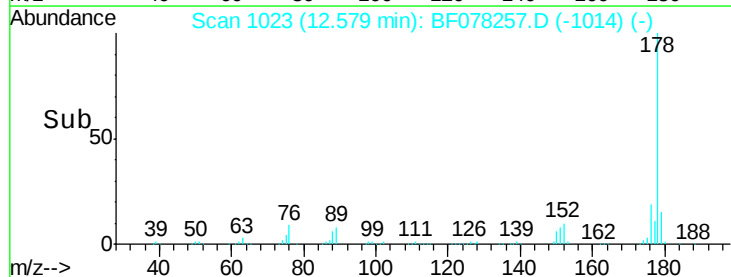
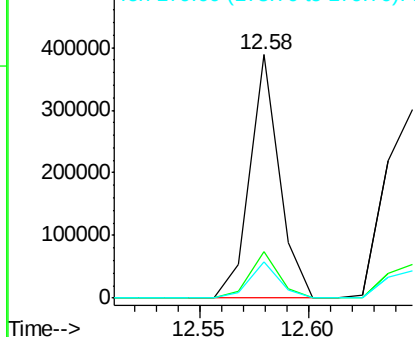


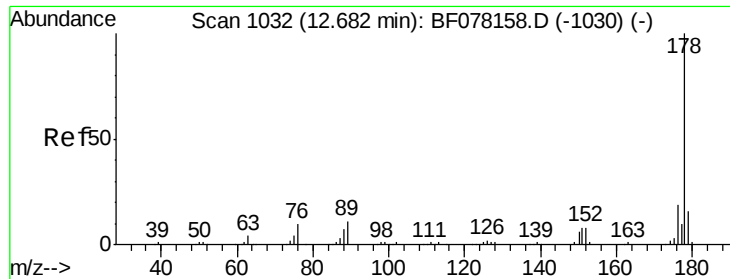
#70
 Phenanthrene
 Concen: 42.71 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:178 Resp: 364725
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 15.1 12.2 18.2



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

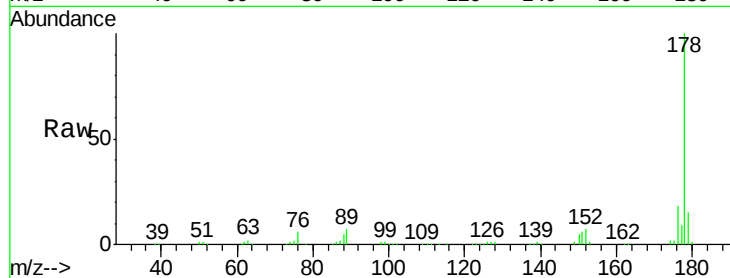




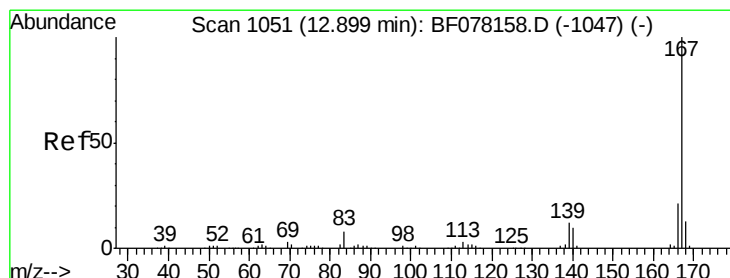
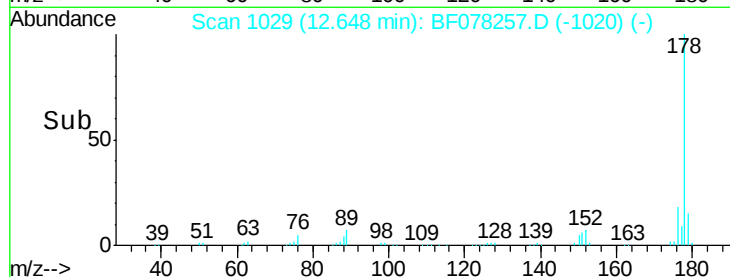
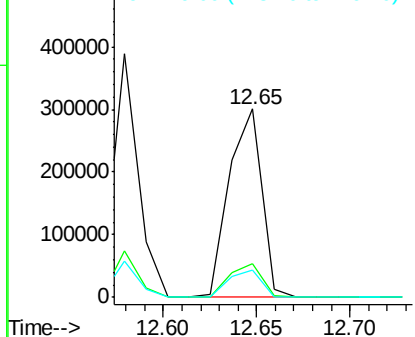
#71
 Anthracene
 Concen: 43.87 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

Tot Ion:178 Resp: 369114
 Ion Ratio Lower Upper
 178 100
 176 18.1 14.8 22.2
 179 14.6 12.4 18.6

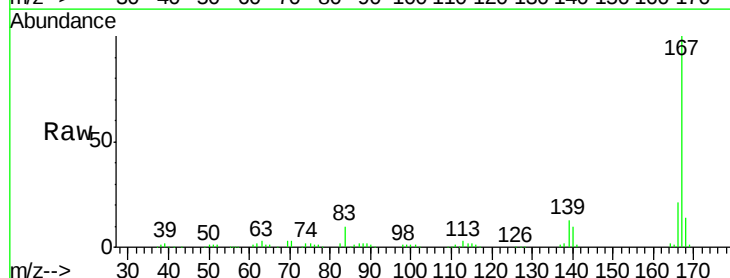


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

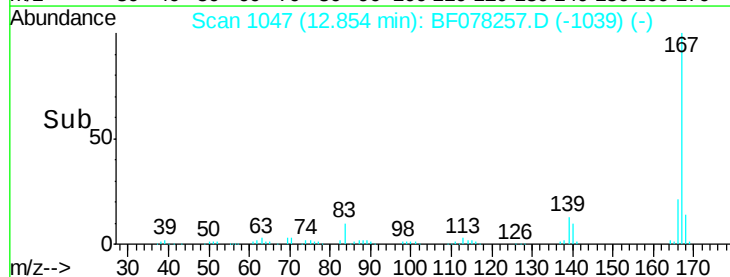
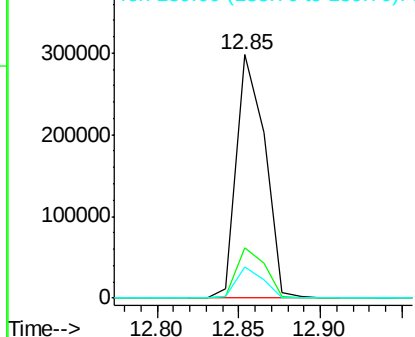


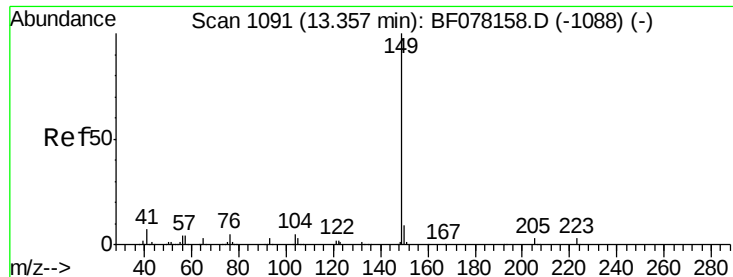
#72
 Carbazole
 Concen: 45.48 ng
 RT: 12.85 min Scan# 1047
 Delta R.T. -0.01 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:167 Resp: 358660
 Ion Ratio Lower Upper
 167 100
 166 20.8 16.8 25.2
 139 13.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 45.99 ng

RT: 13.32 min Scan# 1088

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

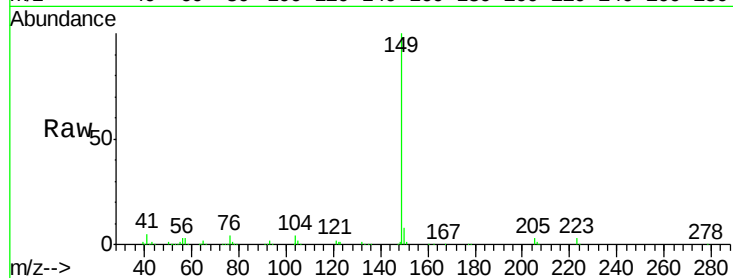
Tot Ion:149 Resp: 410783

Ion Ratio Lower Upper

149 100

150 8.5 7.1 10.7

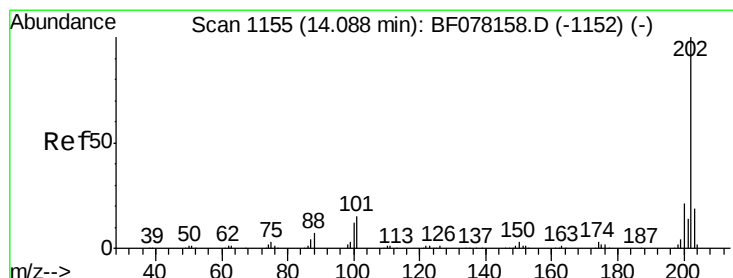
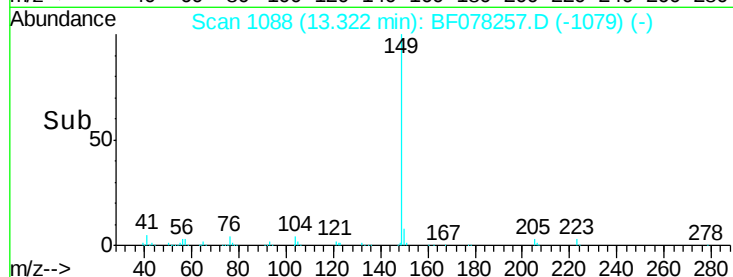
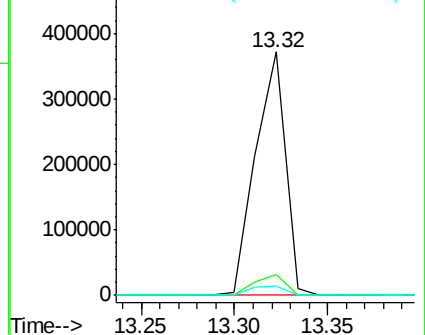
104 3.9 3.8 5.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 43.21 ng

RT: 14.05 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

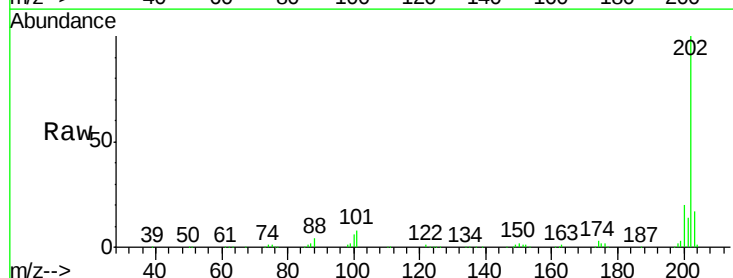
Tgt Ion:202 Resp: 389089

Ion Ratio Lower Upper

202 100

101 7.7 0.0 35.2

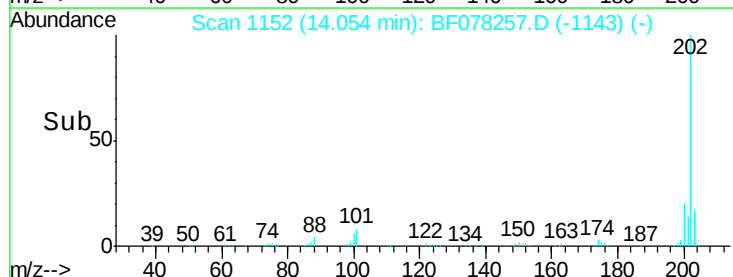
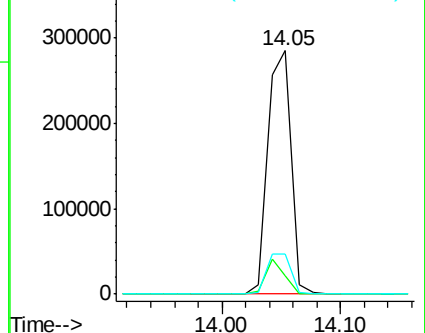
203 16.6 0.0 38.5

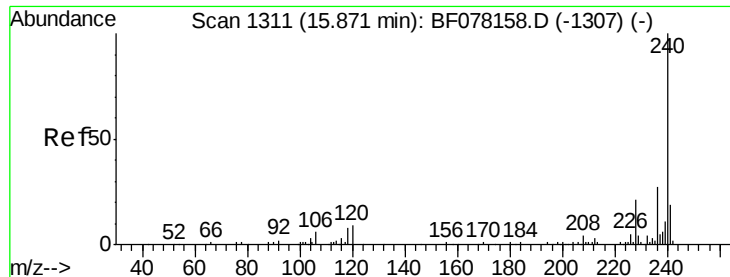


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

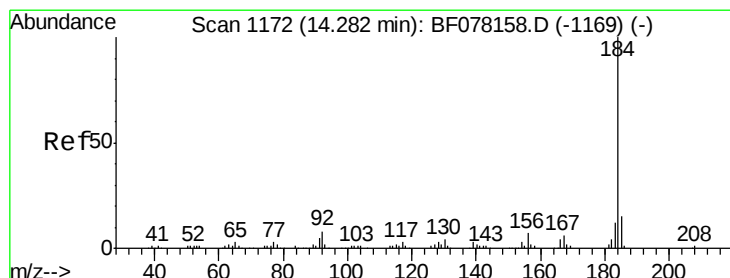
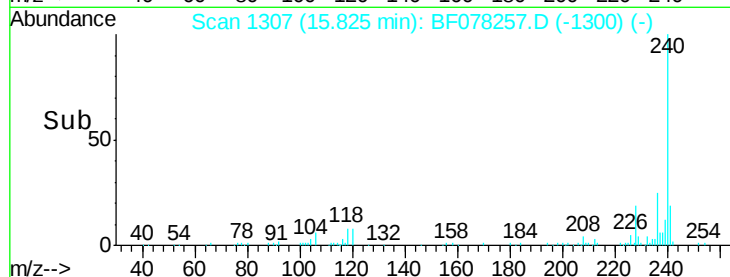
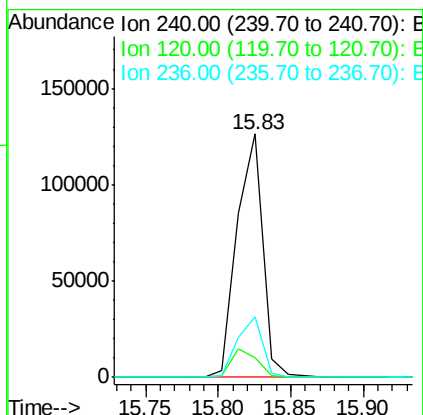
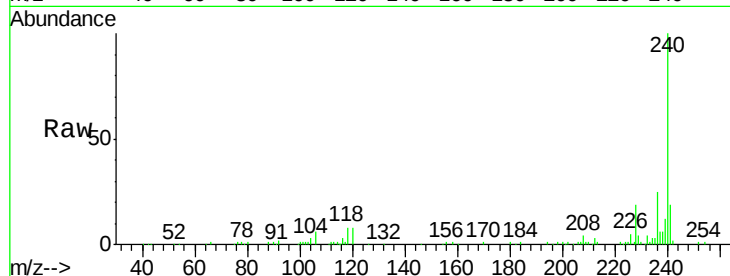




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.83 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

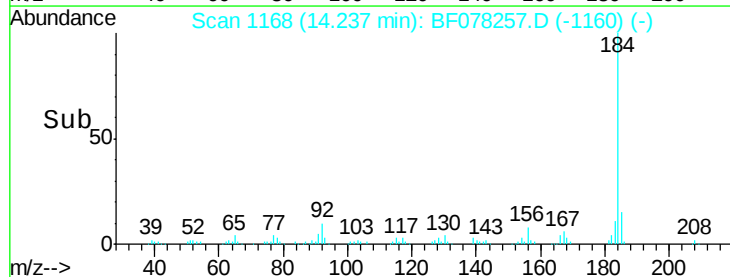
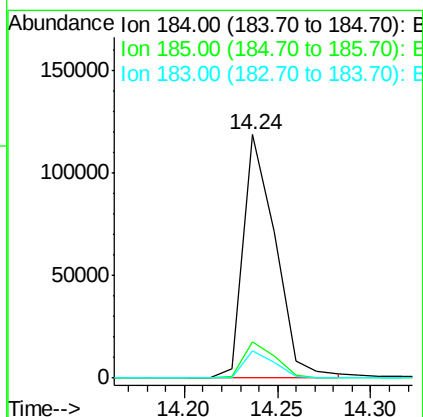
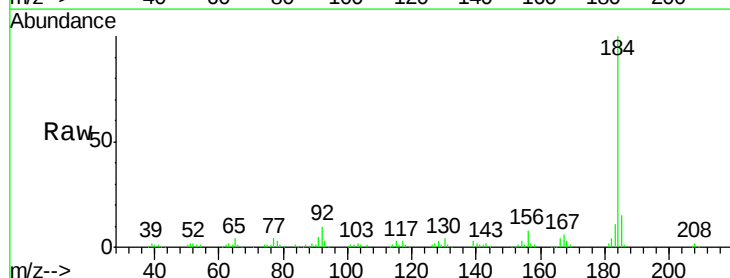
Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

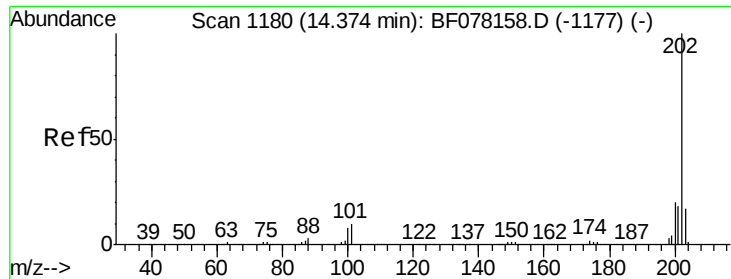
Tot Ion:240 Resp: 156078
 Ion Ratio Lower Upper
 240 100
 120 8.2 7.1 10.7
 236 25.0 21.4 32.2



#76
 Benzidine
 Concen: 23.80 ng
 RT: 14.24 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:184 Resp: 143040
 Ion Ratio Lower Upper
 184 100
 185 14.9 12.2 18.2
 183 11.5 9.5 14.3

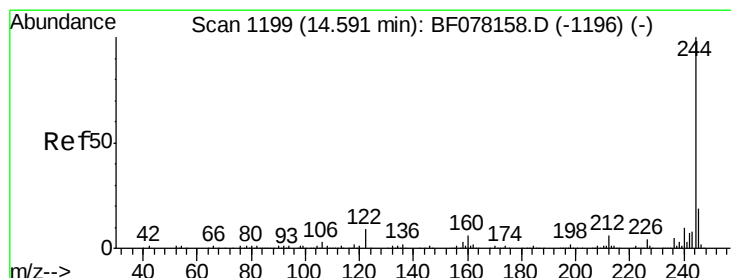
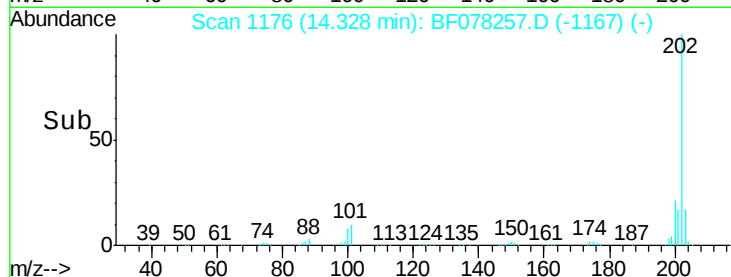
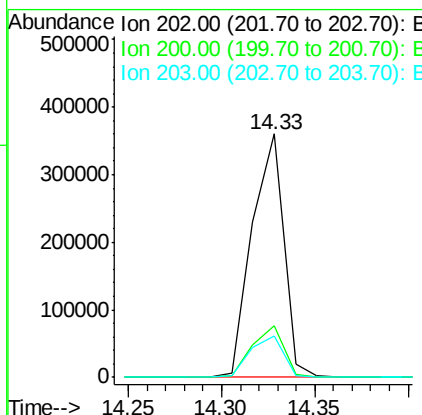
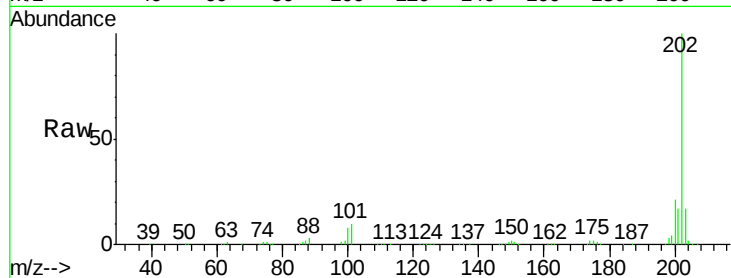




#77
Pvrene
Concen: 43.34 ng
RT: 14.33 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

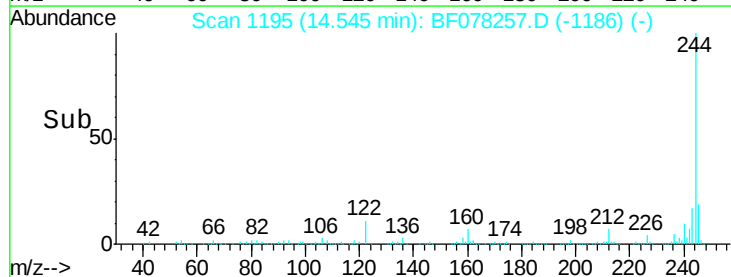
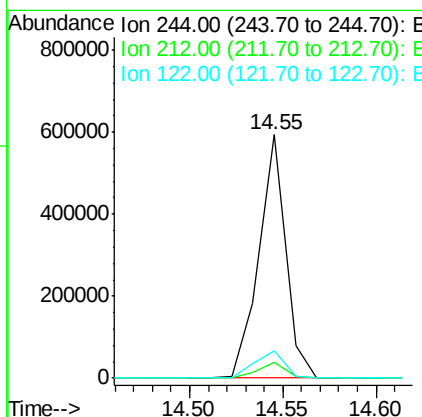
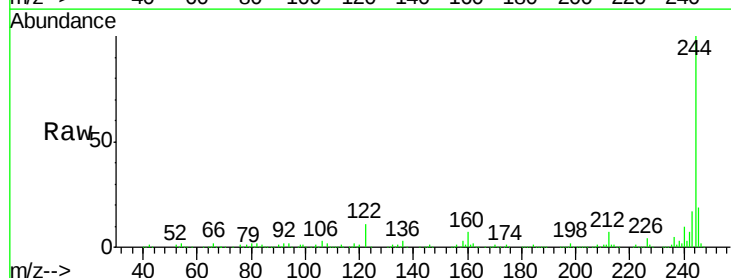
Instrument :
BNA_F
ClientSampleId :
PB82522BS

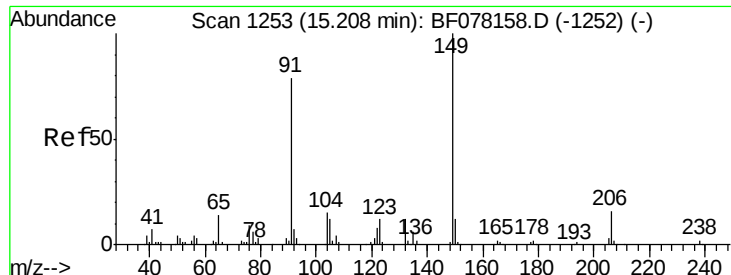
Tot Ion:202 Resp: 424635
Ion Ratio Lower Upper
202 100
200 21.4 16.3 24.5
203 17.3 13.8 20.6



#78
Terphenyl-d14
Concen: 85.50 ng
RT: 14.55 min Scan# 1195
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:244 Resp: 590571
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 11.1 7.1 10.7#

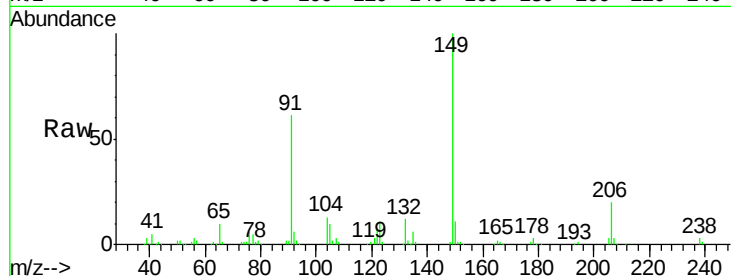




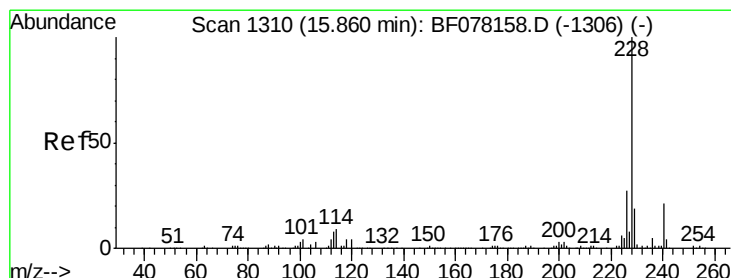
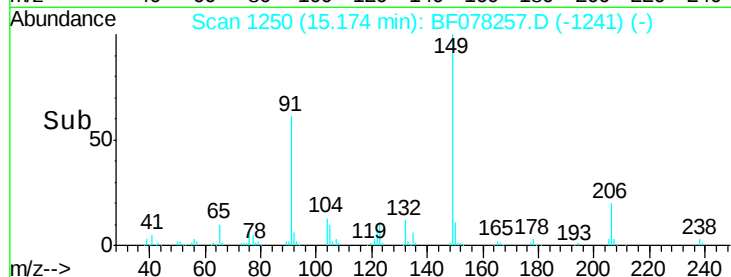
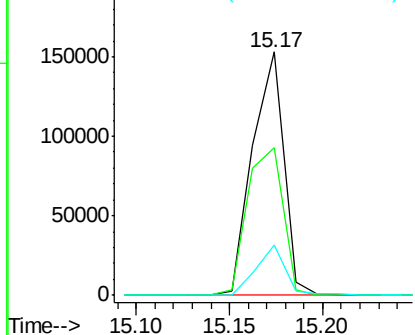
#79
Butylbenzylphthalate
Concen: 47.53 ng
RT: 15.17 min Scan# 1250
Delta R.T. -0.00 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Instrument :
BNA_F
ClientSampleId :
PB82522BS

Tot Ion:149 Resp: 177493
Ion Ratio Lower Upper
149 100
91 60.6 64.2 96.2#
206 20.4 12.6 18.8#

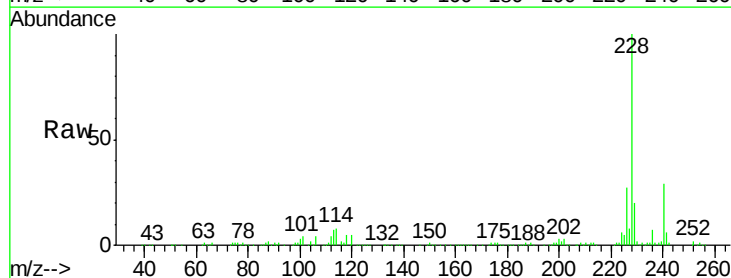


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

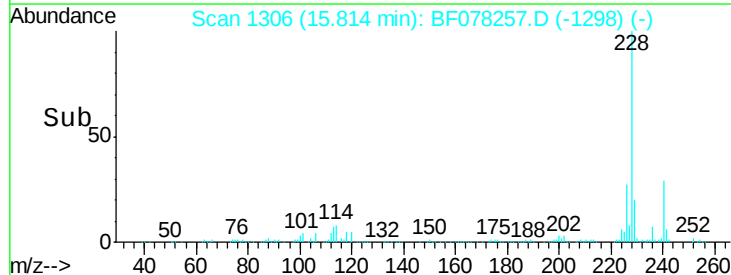
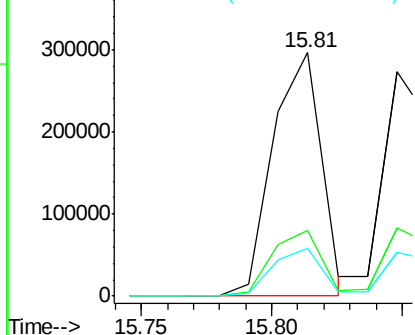


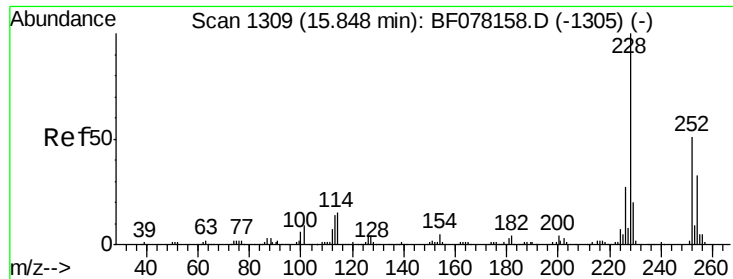
#80
Benzo(a)anthracene
Concen: 41.42 ng
RT: 15.81 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:228 Resp: 384628
Ion Ratio Lower Upper
228 100
226 26.8 21.3 31.9
229 19.6 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

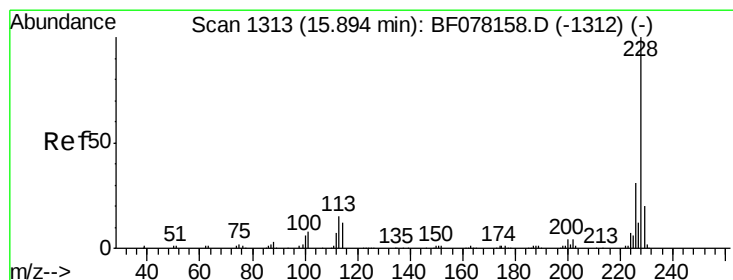
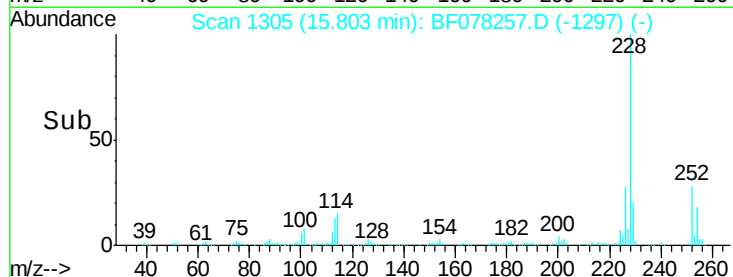
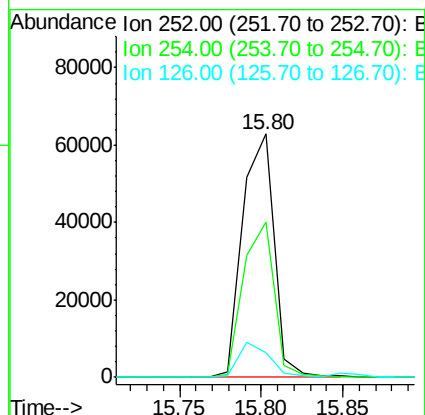
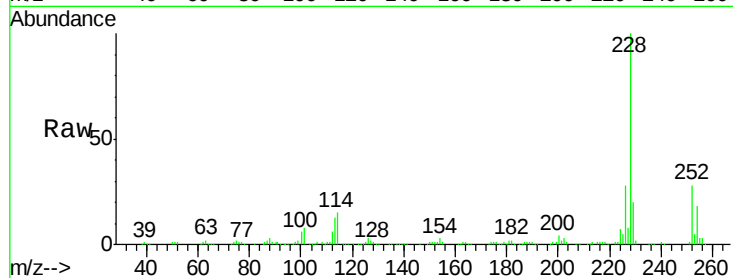




#81
 3,3'-Dichlorobenzidine
 Concen: 27.04 ng
 RT: 15.80 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

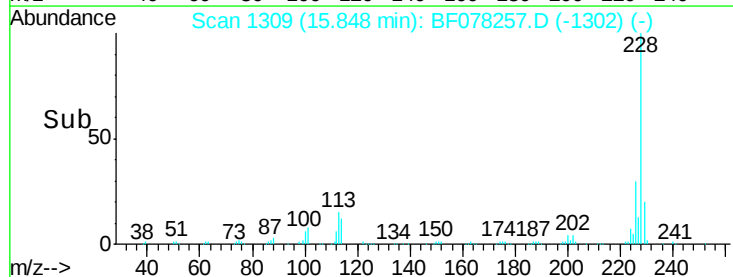
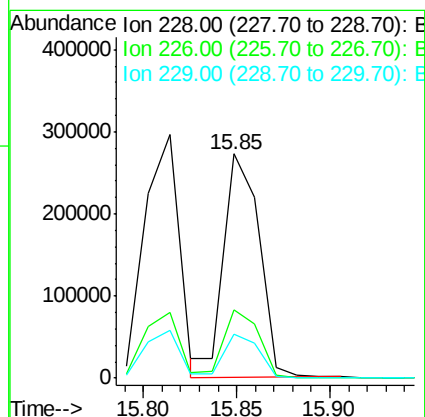
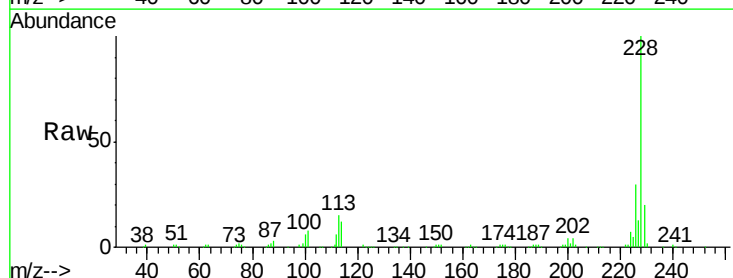
Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

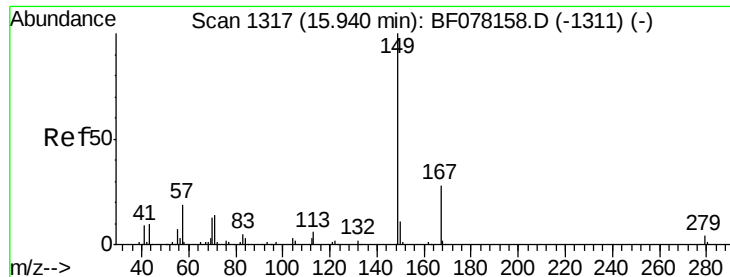
Tot Ion:252 Resp: 84108
 Ion Ratio Lower Upper
 252 100
 254 63.8 51.2 76.8
 126 10.1 6.3 9.5#



#82
 Chrysene
 Concen: 41.62 ng
 RT: 15.85 min Scan# 1309
 Delta R.T. -0.02 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:228 Resp: 363093
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.2 36.4
 229 19.9 15.8 23.8

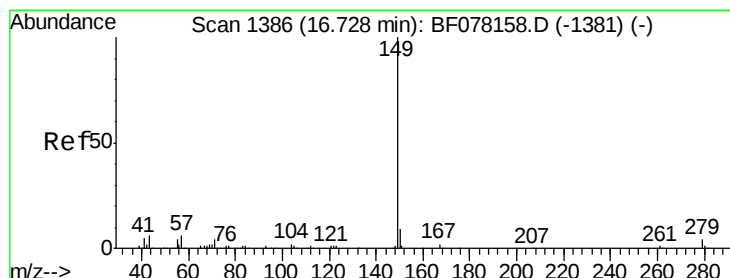
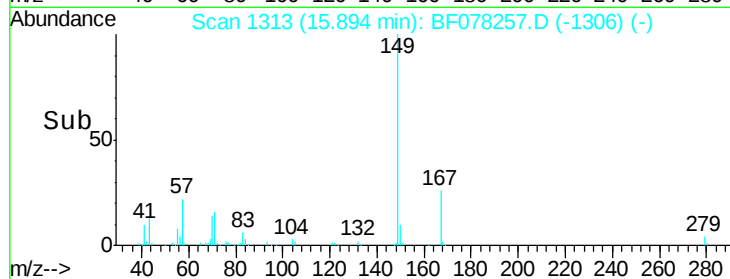
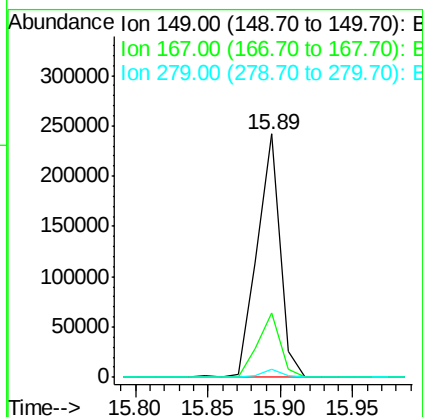
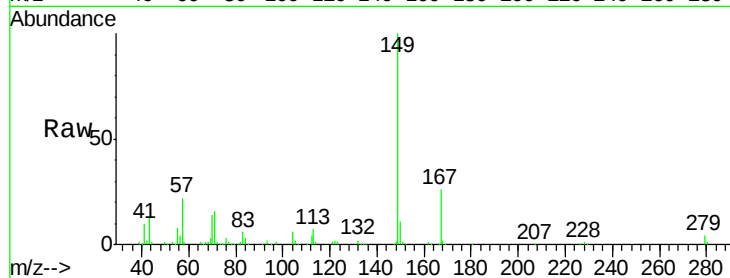




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 45.40 ng
 RT: 15.89 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

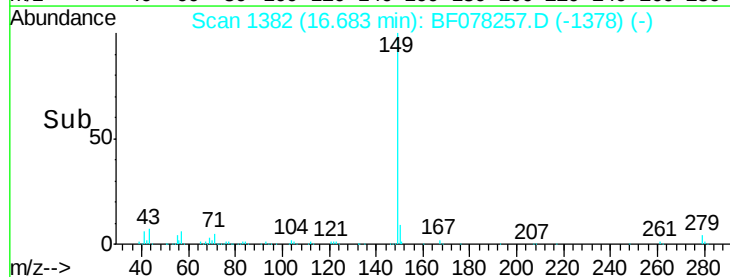
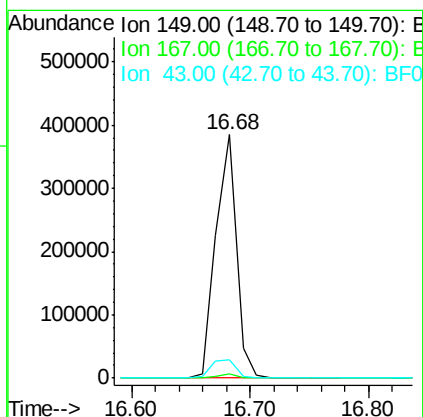
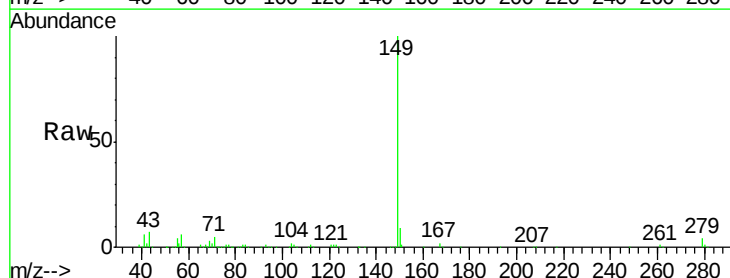
Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

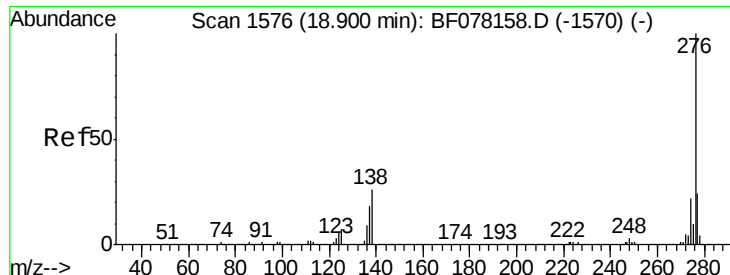
Tot Ion:149 Resp: 265910
 Ion Ratio Lower Upper
 149 100
 167 26.4 22.2 33.2
 279 3.5 3.2 4.8



#84
 Di-n-octyl phthalate
 Concen: 48.05 ng
 RT: 16.68 min Scan# 1382
 Delta R.T. -0.06 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:149 Resp: 462136
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.4 0.0 0.0#

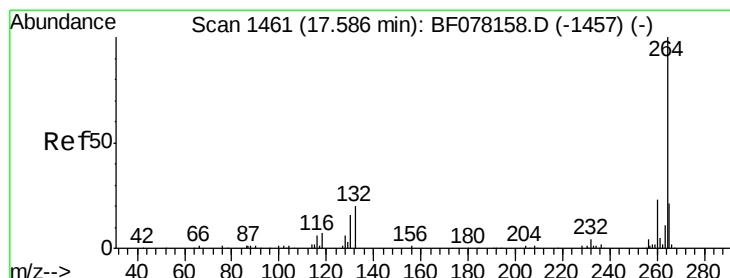
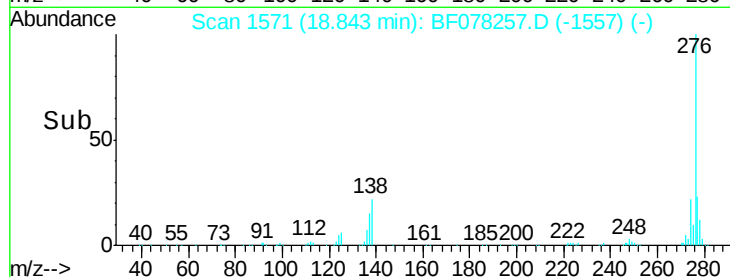
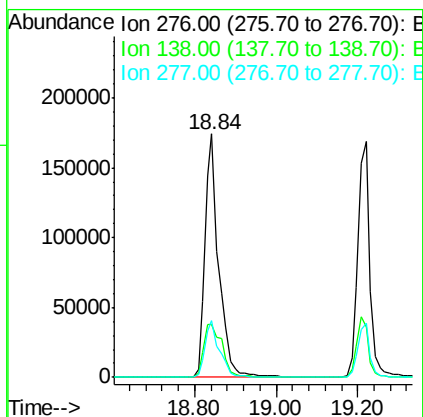
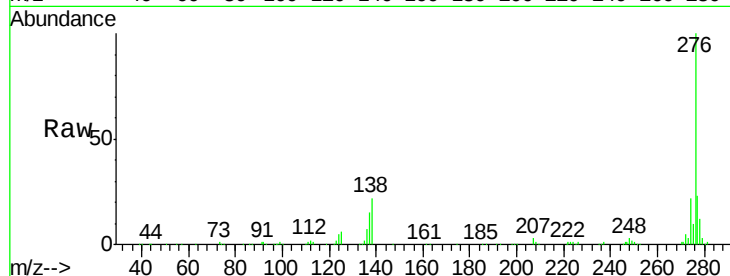




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.77 ng
 RT: 18.84 min Scan# 1571
 Delta R.T. -0.14 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

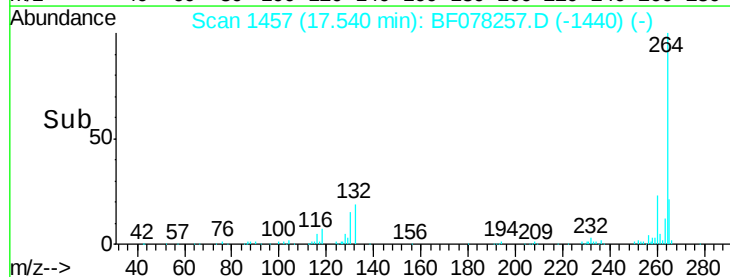
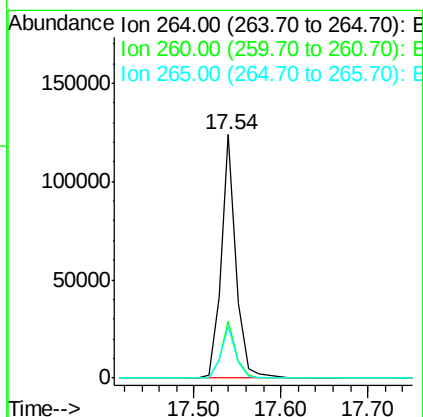
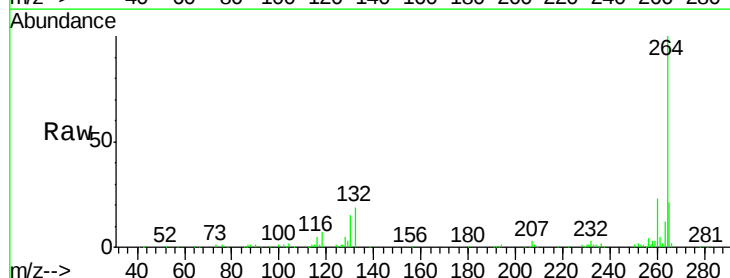
Instrument :
 BNA_F
 ClientSampleId :
 PB82522BS

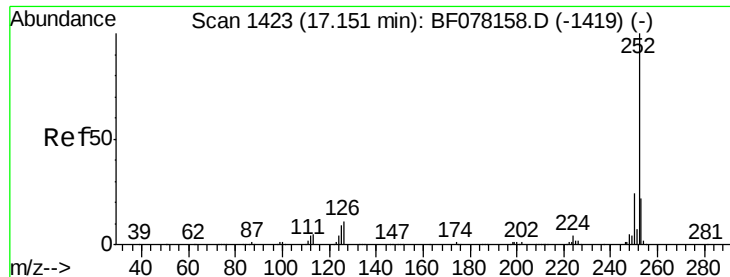
Tot Ion:276 Resp: 413504
 Ion Ratio Lower Upper
 276 100
 138 29.5 16.9 25.3#
 277 24.4 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.54 min Scan# 1457
 Delta R.T. -0.10 min
 Lab File: BF078257.D
 Acq: 6 Apr 2015 15:22

Tgt Ion:264 Resp: 147524
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 27.8
 265 21.0 17.0 25.6

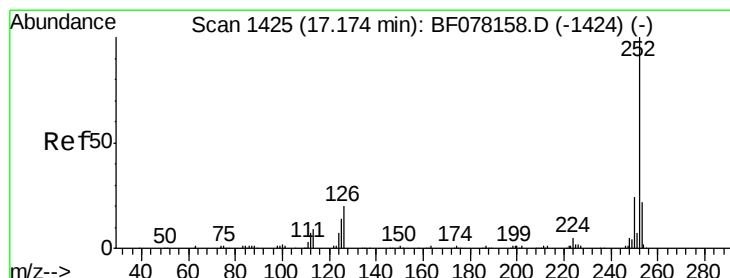
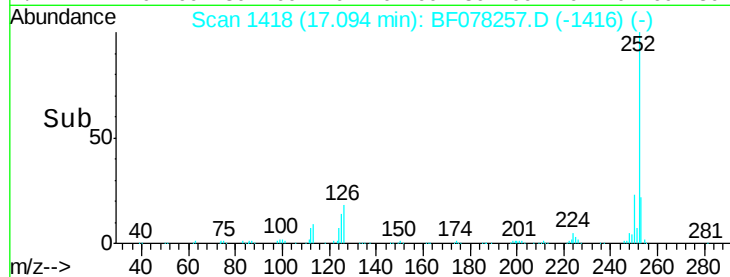
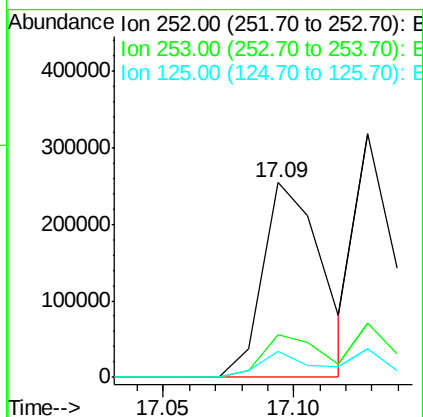
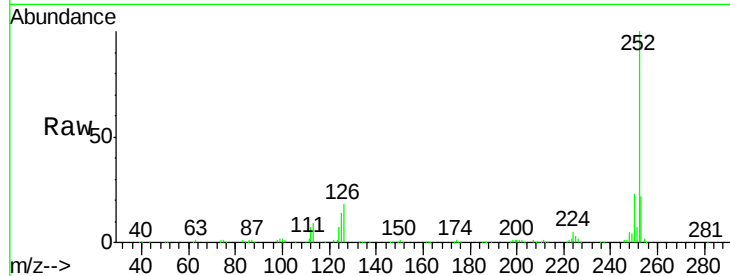




#87
Benzo(b)fluoranthene
Concen: 43.96 ng
RT: 17.09 min Scan# 1418
Delta R.T. -0.08 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

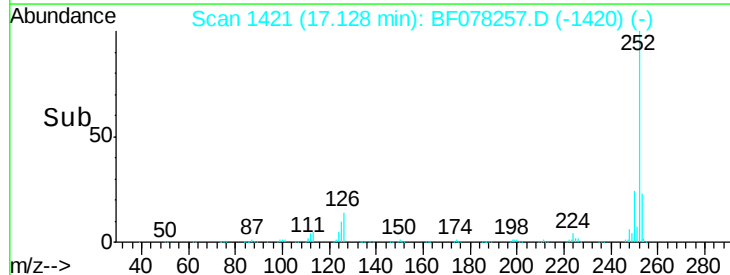
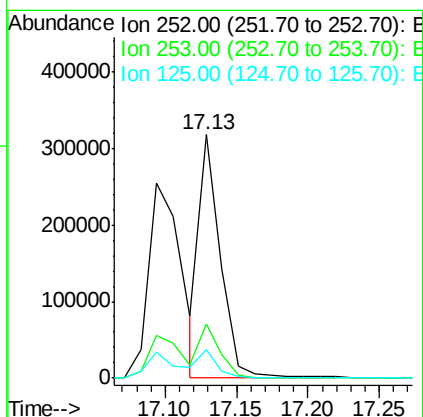
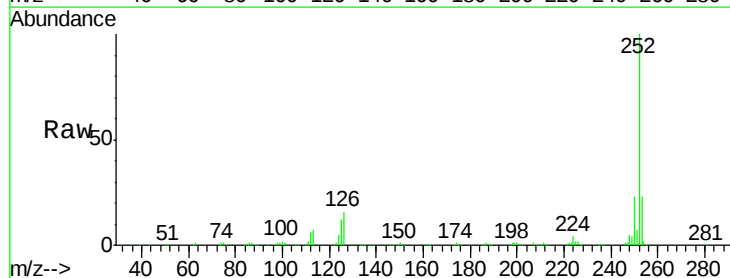
Instrument :
BNA_F
ClientSampleId :
PB82522BS

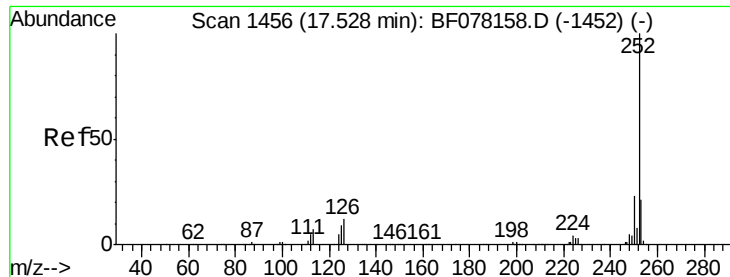
Tot Ion:252 Resp: 400803
Ion Ratio Lower Upper
252 100
253 22.0 17.2 25.8
125 13.7 7.0 10.4#



#88
Benzo(k)fluoranthene
Concen: 41.75 ng m
RT: 17.13 min Scan# 1421
Delta R.T. -0.09 min
Lab File: BF078257.D
Acq: 6 Apr 2015 15:22

Tgt Ion:252 Resp: 338277
Ion Ratio Lower Upper
252 100
253 22.5 17.5 26.3
125 11.7 11.6 17.4





#89

Benzo(a)pyrene

Concen: 44.96 ng

RT: 17.48 min Scan# 1452

Delta R.T. -0.09 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

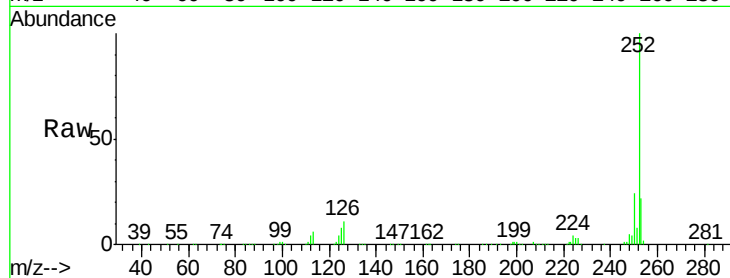
Tot Ion:252 Resp: 357753

Ion Ratio Lower Upper

252 100

253 21.6 16.8 25.2

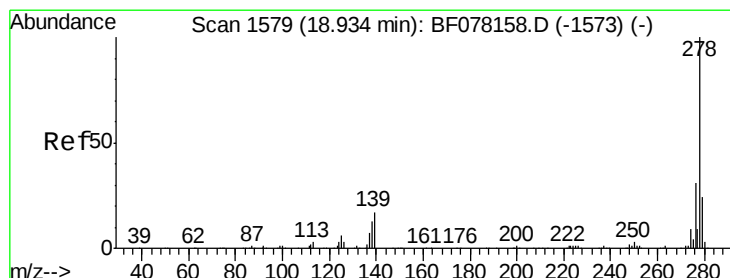
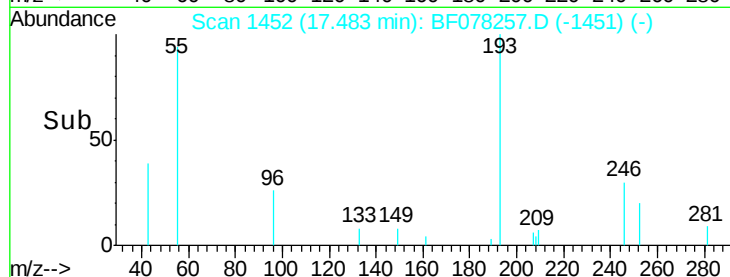
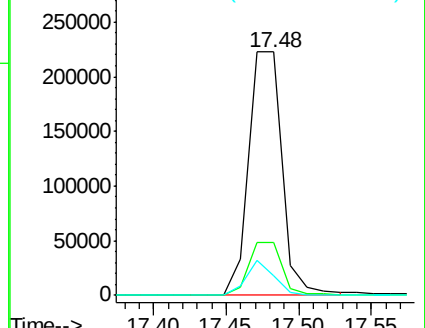
125 8.2 7.4 11.0



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: 40.01 ng

RT: 18.87 min Scan# 1573

Delta R.T. -0.14 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

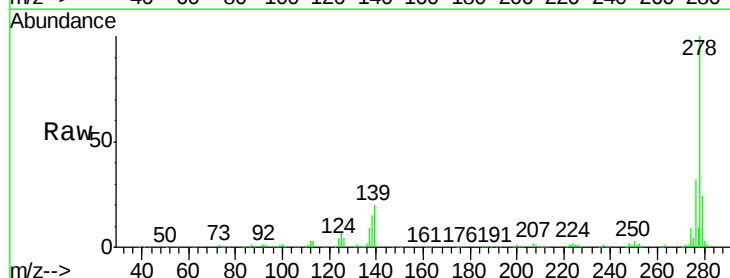
Tgt Ion:278 Resp: 318745

Ion Ratio Lower Upper

278 100

139 19.9 13.6 20.4

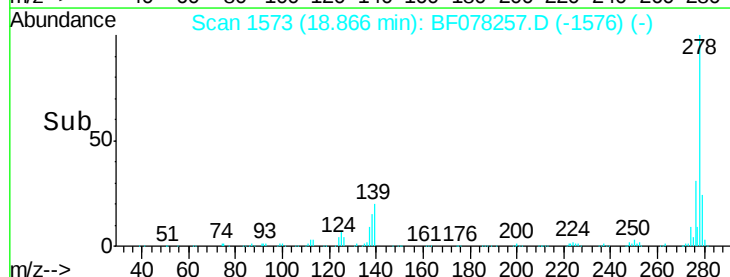
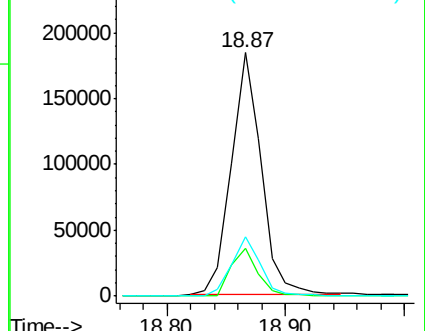
279 24.2 19.0 28.6

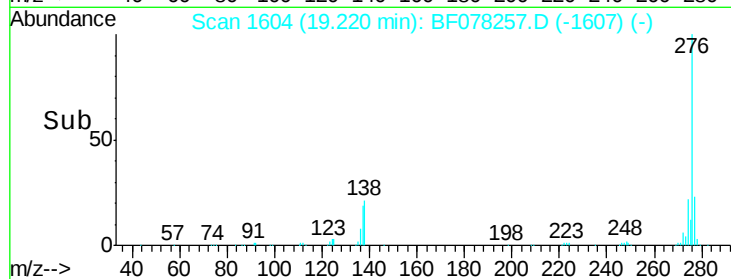
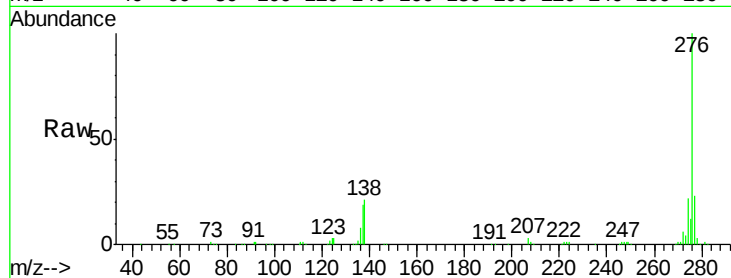
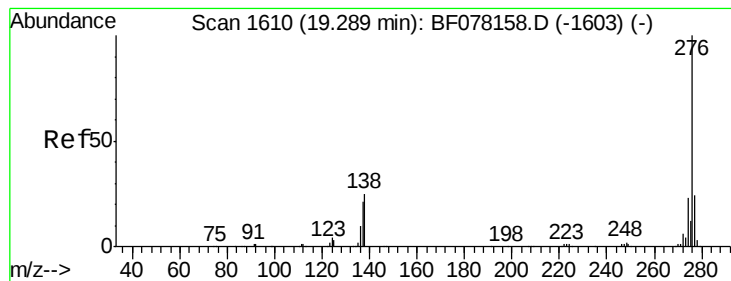


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 42.61 ng

RT: 19.22 min Scan# 1604

Delta R.T. -0.14 min

Lab File: BF078257.D

Acq: 6 Apr 2015 15:22

Instrument :

BNA_F

ClientSampleId :

PB82522BS

Tot Ion:276 Resp: 340353

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 21.3 19.9 29.9

