

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078254.D
 Acq On : 6 Apr 2015 13:55
 Operator : TP/IZ
 Sample : PB82420BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Quant Time: Apr 07 01:21:53 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	39239	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	158491	20.00	ng	0.00
38) Acenaphthene-d10	10.72	164	76261	20.00	ng	0.00
63) Phenanthrene-d10	12.56	188	147863	20.00	ng	0.00
75) Chrysene-d12	15.84	240	161734	20.00	ng	-0.01
86) Perylene-d12	17.62	264	156313	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.26	112	289493	121.64	ng	0.00
7) Phenol-d6	6.58	99	349390	117.14	ng	0.00
23) Nitrobenzene-d5	7.68	82	204784	78.32	ng	0.00
41) 2,4,6-Tribromophenol	11.70	330	86624	136.96	ng	0.00
44) 2-Fluorobiphenyl	9.90	172	438881	82.26	ng	0.00
78) Terphenyl-d14	14.55	244	516120	72.11	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.82	88	31036	28.84	ng	96
3) Pyridine	2.45	79	86454	30.67	ng	93
4) n-Nitrosodimethylamine	2.38	42	41840	38.56	ng	99
6) Aniline	6.57	93	72011	17.03	ng	93
8) 2-Chlorophenol	6.72	128	110931	39.42	ng	98
9) Benzaldehyde	6.42	77	66767	33.78	ng	91
10) Phenol	6.60	94	126697	35.45	ng	95
11) bis(2-Chloroethyl)ether	6.68	93	101982	39.68	ng	97
12) 1,3-Dichlorobenzene	6.90	146	118144	38.22	ng	95
13) 1,4-Dichlorobenzene	7.00	146	118295	38.02	ng	96
14) 1,2-Dichlorobenzene	7.18	146	111339	38.16	ng	96
15) Benzyl Alcohol	7.18	79	86944	41.48	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	7.36	45	134029	39.10	ng	95
17) 2-Methylphenol	7.34	107	83437	38.19	ng	96
18) Hexachloroethane	7.60	117	40691	38.78	ng	# 79
19) n-Nitroso-di-n-propylamine	7.52	70	73751	37.48	ng	97
20) 3+4-Methylphenols	7.54	107	111736	38.34	ng	94
22) Acetophenone	7.49	105	148324	40.17	ng	# 90
24) Nitrobenzene	7.70	77	105219	38.49	ng	# 83
25) Isophorone	8.01	82	191629	38.61	ng	98
26) 2-Nitrophenol	8.10	139	52033	39.95	ng	96
27) 2,4-Dimethylphenol	8.18	122	93827	38.74	ng	96
28) bis(2-Chloroethoxy)methane	8.29	93	124853	39.23	ng	99
29) 2,4-Dichlorophenol	8.41	162	89402	40.57	ng	95
30) 1,2,4-Trichlorobenzene	8.49	180	93706	37.09	ng	95
31) Naphthalene	8.58	128	304244	36.88	ng	98
32) Benzoic acid	8.32	122	54783	48.08	ng	97
33) 4-Chloroaniline	8.67	127	58617	17.12	ng	99
34) Hexachlorobutadiene	8.74	225	52074	37.54	ng	97
35) Caprolactam	9.09	113	28160	42.81	ng	96
36) 4-Chloro-3-methylphenol	9.30	107	89070	40.06	ng	# 82
37) 2-Methylnaphthalene	9.45	142	211977	37.85	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.64	216	92116	38.98	ng	98
40) Hexachlorocyclopentadiene	9.63	237	86366	84.49	ng	96

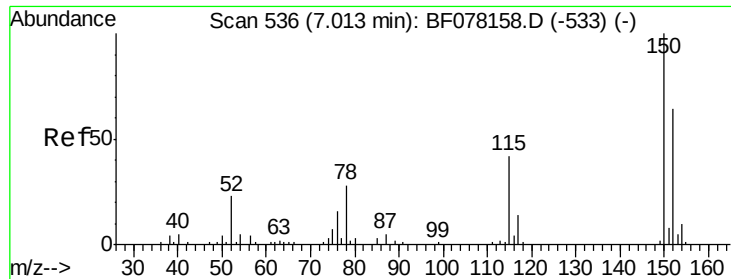
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040615\
 Data File : BF078254.D
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Quant Time: Apr 07 01:21:53 2015
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 07 02:08:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	64437	43.24	ng	100
43) 2,4,5-Trichlorophenol	9.85	196	65808	42.27	ng	98
45) 1,1'-Biphenyl	10.02	154	252865	40.54	ng	96
46) 2-Chloronaphthalene	10.04	162	203619	41.49	ng	96
47) 2-Nitroaniline	10.18	65	52088	42.90	ng	94
48) Acenaphthylene	10.54	152	312973	39.49	ng	100
49) Dimethylphthalate	10.42	163	229543	40.06	ng	99
50) 2,6-Dinitrotoluene	10.49	165	48144	40.84	ng	# 47
51) Acenaphthene	10.76	154	183743	41.18	ng	100
52) 3-Nitroaniline	10.69	138	33077	24.68	ng	92
53) 2,4-Dinitrophenol	10.83	184	33910	75.91	ng	# 87
54) Dibenzofuran	10.98	168	290481	42.62	ng	95
55) 4-Nitrophenol	10.93	139	75132	76.26	ng	# 70
56) 2,4-Dinitrotoluene	10.99	165	67418	44.16	ng	# 87
57) Fluorene	11.40	166	240775	43.58	ng	97
58) 2,3,4,6-Tetrachlorophenol	11.14	232	52592	45.57	ng	98
59) Diethylphthalate	11.30	149	226633	41.02	ng	97
60) 4-Chlorophenyl-phenylether	11.41	204	107490	42.30	ng	# 85
61) 4-Nitroaniline	11.45	138	53206	39.27	ng	95
62) Azobenzene	11.61	77	221588	43.95	ng	93
64) 4,6-Dinitro-2-methylphenol	11.48	198	27849	39.74	ng	# 70
65) n-Nitrosodiphenylamine	11.56	169	191460	37.43	ng	99
66) 4-Bromophenyl-phenylether	12.02	248	62724	40.06	ng	# 85
67) Hexachlorobenzene	12.07	284	66823	38.94	ng	# 88
68) Atrazine	12.25	200	67649	45.67	ng	98
69) Pentachlorophenol	12.33	266	65087	85.00	ng	98
70) Phenanthrene	12.58	178	336468	39.34	ng	99
71) Anthracene	12.65	178	350831	41.63	ng	99
72) Carbazole	12.87	167	342630	43.38	ng	98
73) Di-n-butylphthalate	13.32	149	383028	42.81	ng	99
74) Fluoranthene	14.05	202	376407	41.73	ng	91
76) Benzidine	14.25	184	106853	17.16	ng	97
77) Pyrene	14.33	202	408174	40.20	ng	99
79) Butylbenzylphthalate	15.17	149	164370	42.48	ng	# 85
80) Benzo(a)anthracene	15.83	228	376464	39.12	ng	99
81) 3,3'-Dichlorobenzidine	15.81	252	79059	24.53	ng	# 98
82) Chrysene	15.87	228	341808	37.81	ng	100
83) Bis(2-ethylhexyl)phthalate	15.91	149	241983	39.87	ng	# 96
84) Di-n-octyl phthalate	16.72	149	407480	40.89	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.95	276	409374	39.90	ng	# 86
87) Benzo(b)fluoranthene	17.15	252	387400	40.10	ng	# 97
88) Benzo(k)fluoranthene	17.19	252	314659	36.65	ng	98
89) Benzo(a)pyrene	17.55	252	346984	41.15	ng	98
90) Dibenzo(a,h)anthracene	18.98	278	330612	39.17	ng	98
91) Benzo(g,h,i)perylene	19.32	276	338037	39.94	ng	99

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

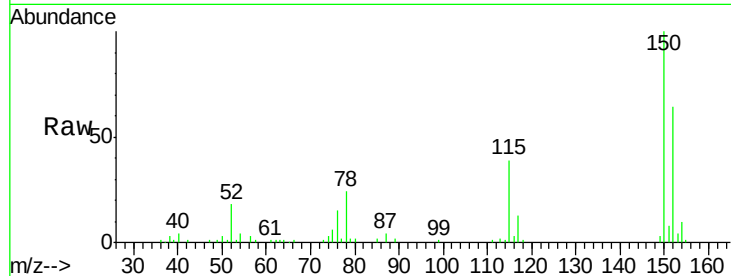


#1

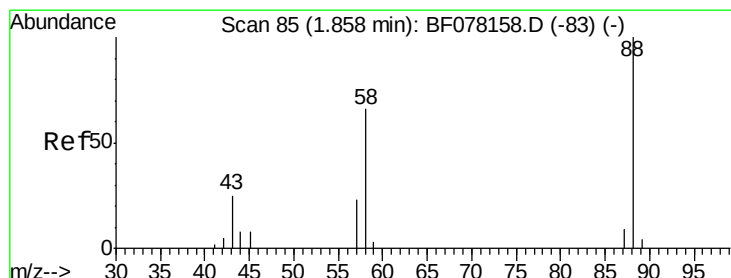
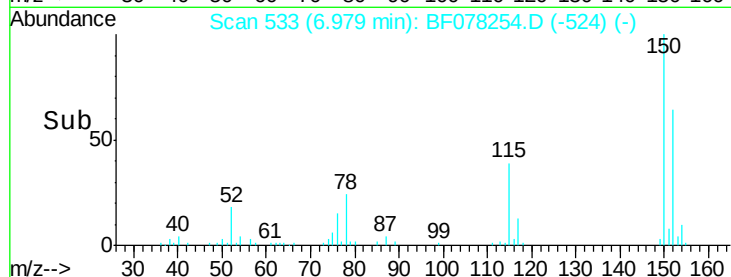
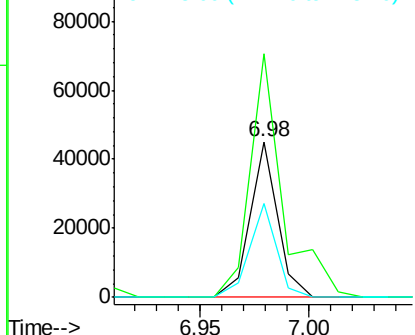
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.98 min Scan# 533
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:152 Resp: 39239
Ion Ratio Lower Upper
152 100
150 156.6 125.9 188.9
115 60.3 52.7 79.1



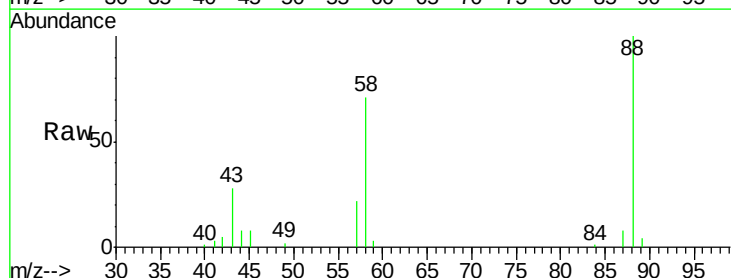
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



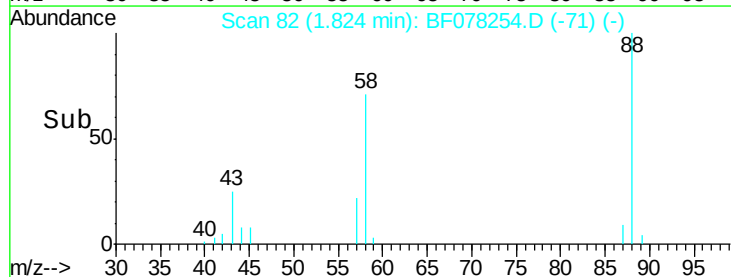
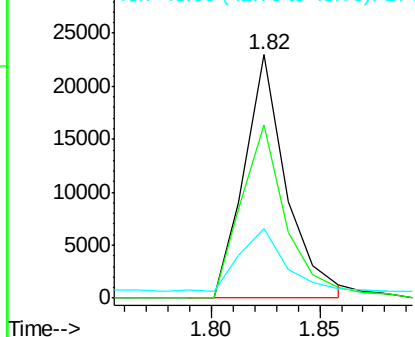
#2

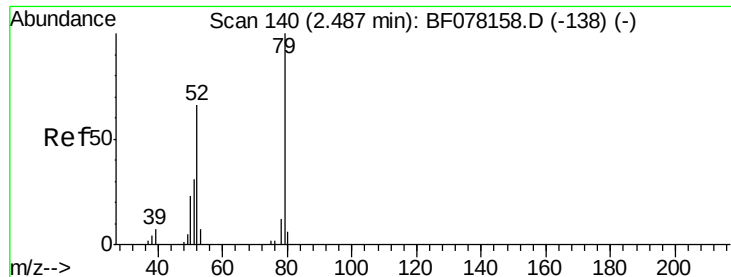
1,4-Dioxane
Concen: 28.84 ng
RT: 1.82 min Scan# 82
Delta R.T. 0.02 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion: 88 Resp: 31036
Ion Ratio Lower Upper
88 100
58 75.3 56.9 85.3
43 27.8 21.4 32.2



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





#3

Pyridine

Concen: 30.67 ng

RT: 2.45 min Scan# 137

Delta R.T. 0.03 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

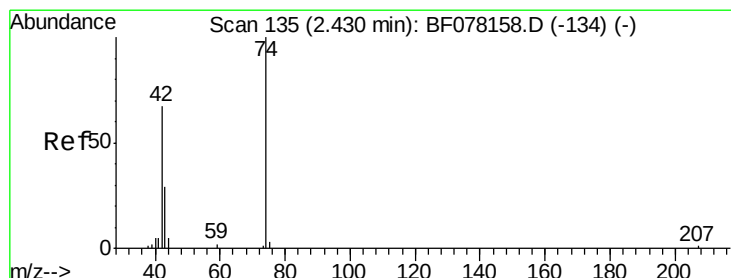
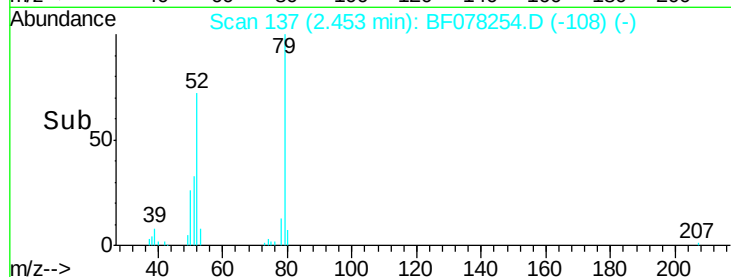
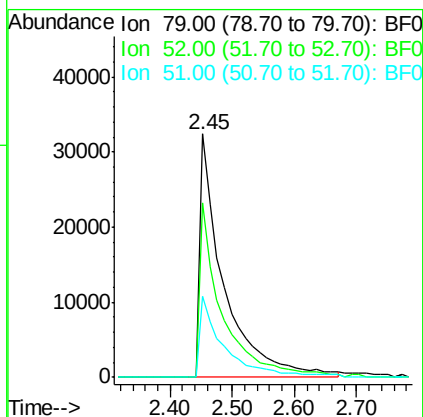
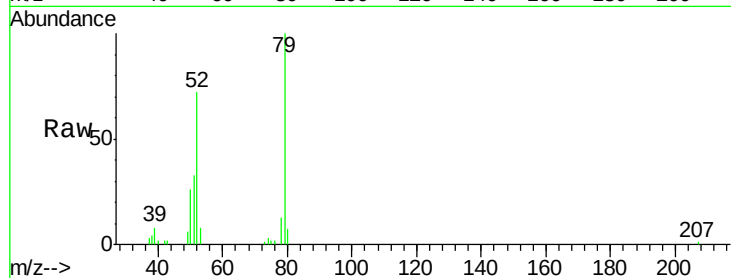
Tgt Ion: 79 Resp: 86454

Ion Ratio Lower Upper

79 100

52 71.7 52.4 78.6

51 33.5 24.9 37.3



#4

n-Nitrosodimethylamine

Concen: 38.56 ng

RT: 2.38 min Scan# 131

Delta R.T. 0.01 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

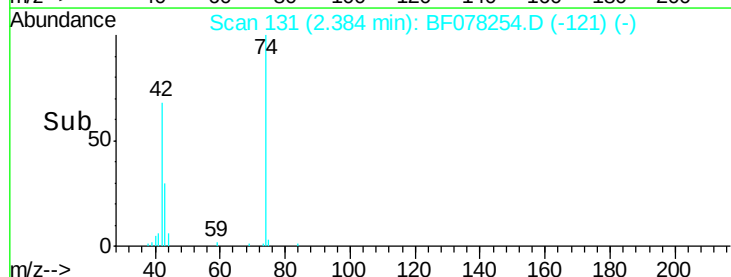
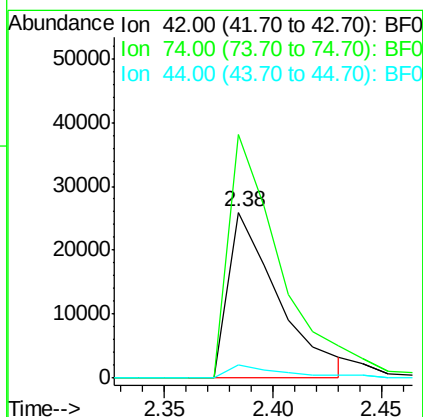
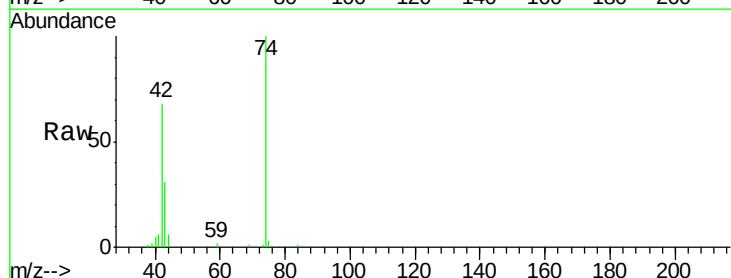
Tgt Ion: 42 Resp: 41840

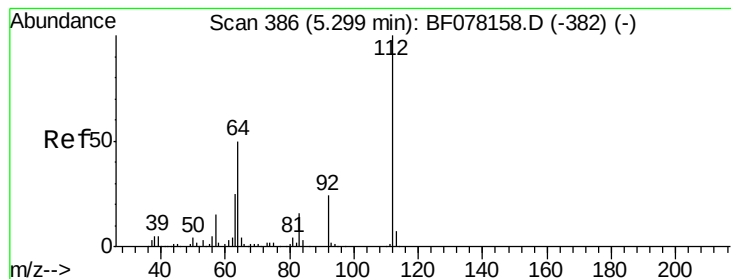
Ion Ratio Lower Upper

42 100

74 146.6 118.7 178.1

44 8.2 5.9 8.9





#5

2-Fluorophenol

Concen: 121.64 ng

RT: 5.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

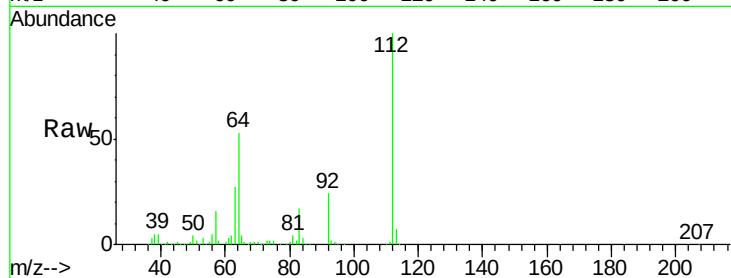
Tgt Ion: 112 Resp: 289493

Ion Ratio Lower Upper

112 100

64 53.1 39.9 59.9

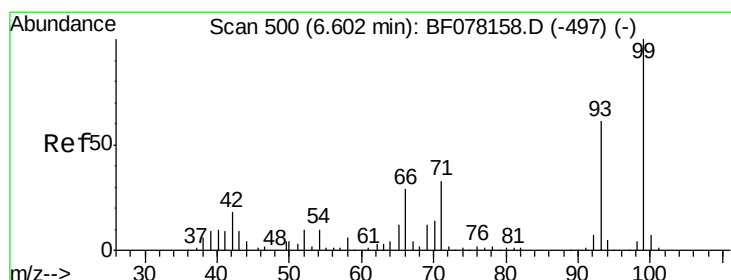
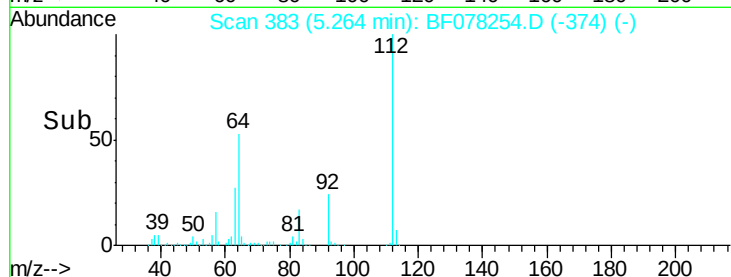
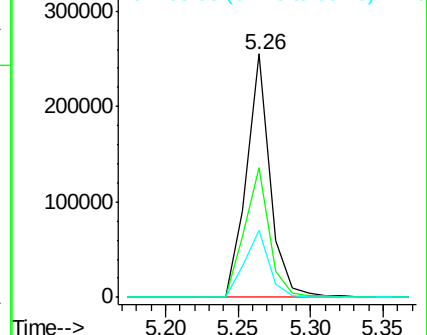
63 27.3 20.2 30.4



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 17.03 ng

RT: 6.57 min Scan# 497

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

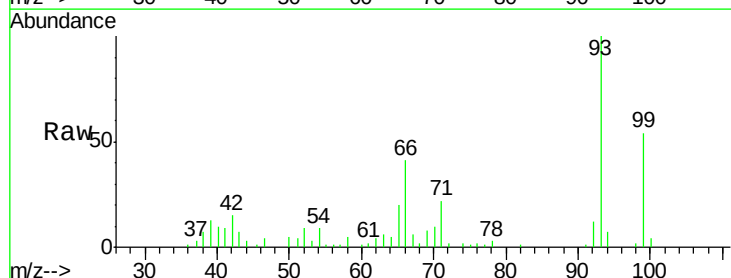
Tgt Ion: 93 Resp: 72011

Ion Ratio Lower Upper

93 100

66 41.4 38.0 57.0

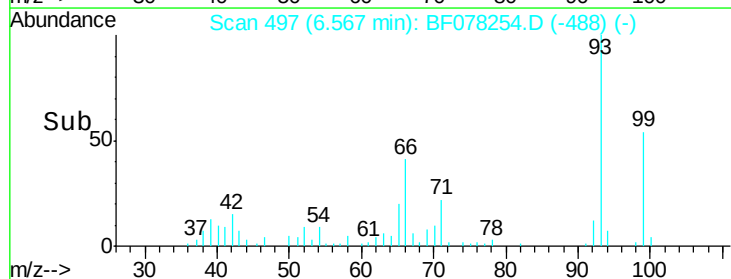
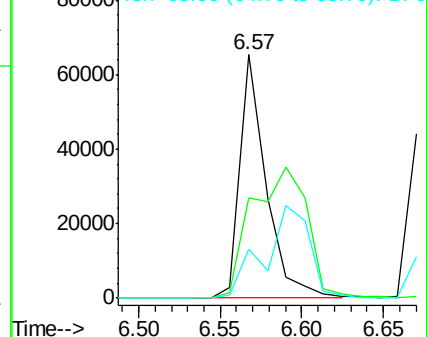
65 20.1 16.3 24.5

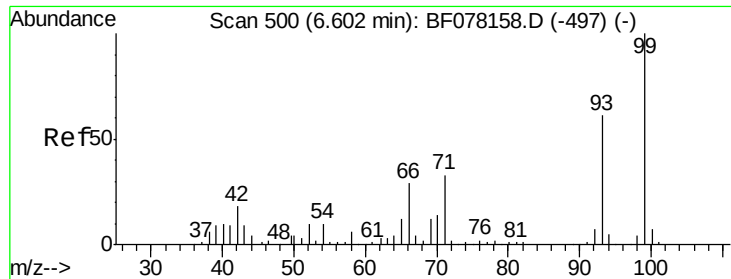


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 117.14 ng

RT: 6.58 min Scan# 498

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

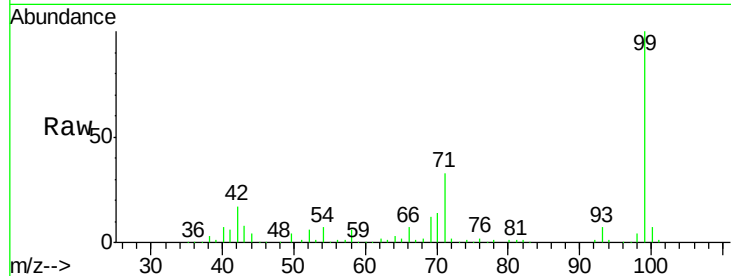
Tgt Ion: 99 Resp: 349390

Ion Ratio Lower Upper

99 100

42 17.4 14.8 22.2

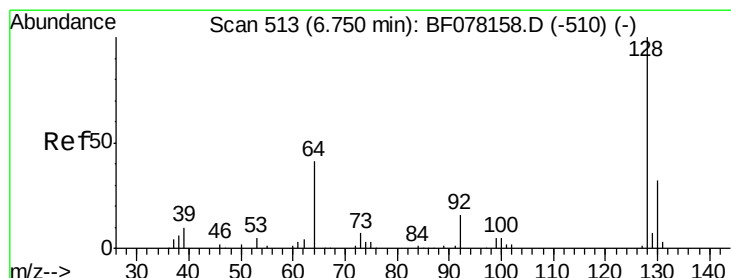
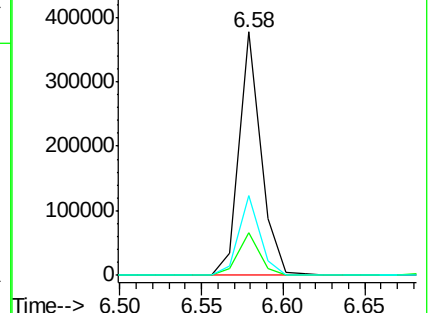
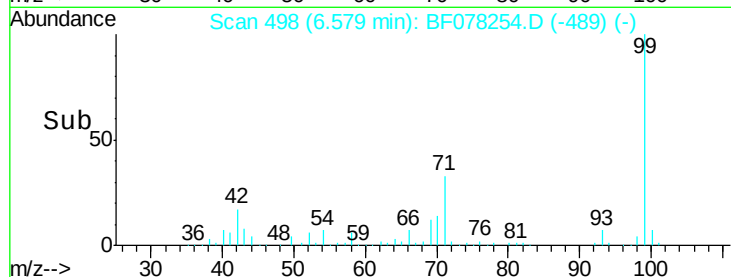
71 32.9 26.6 39.8



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.42 ng

RT: 6.72 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

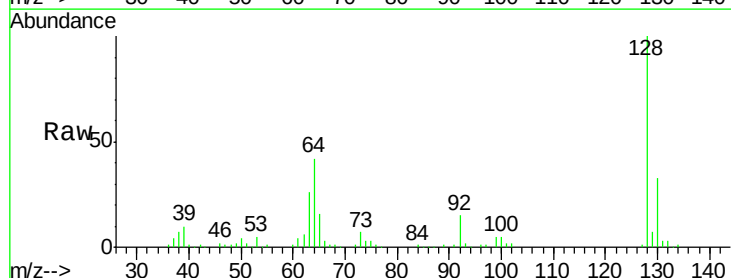
Tgt Ion: 128 Resp: 110931

Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

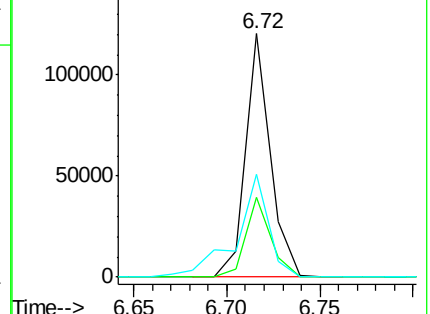
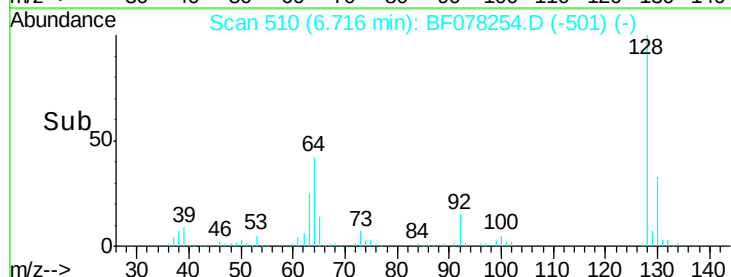
64 42.2 23.8 63.8

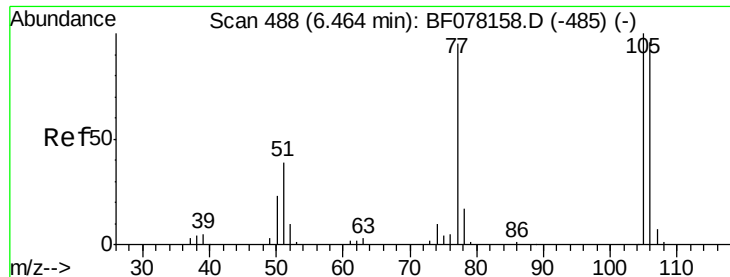


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 33.78 ng

RT: 6.42 min Scan# 484

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

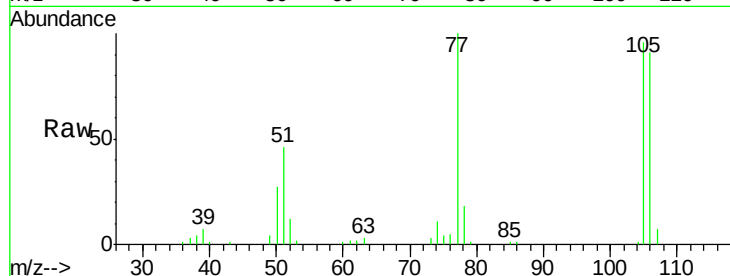
Tgt Ion: 77 Resp: 66767

Ion Ratio Lower Upper

77 100

105 96.3 85.4 125.4

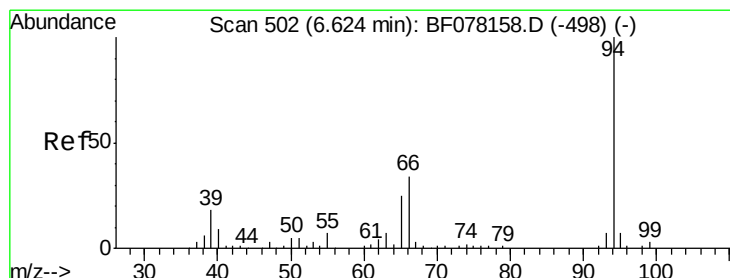
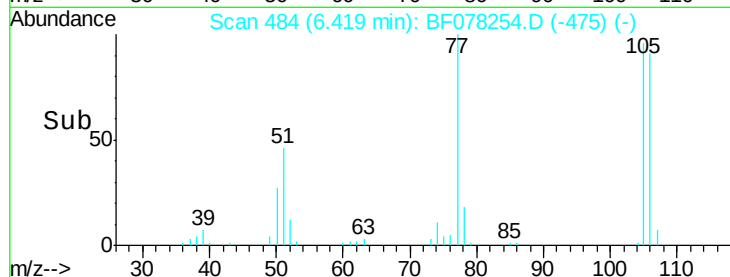
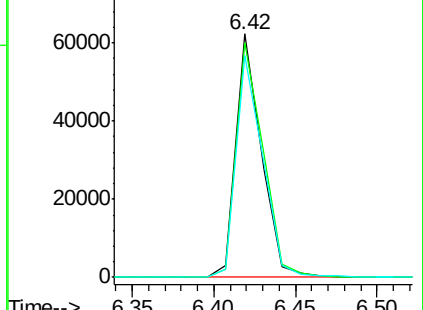
106 91.4 80.8 120.8



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: 35.45 ng

RT: 6.60 min Scan# 500

Delta R.T. 0.01 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

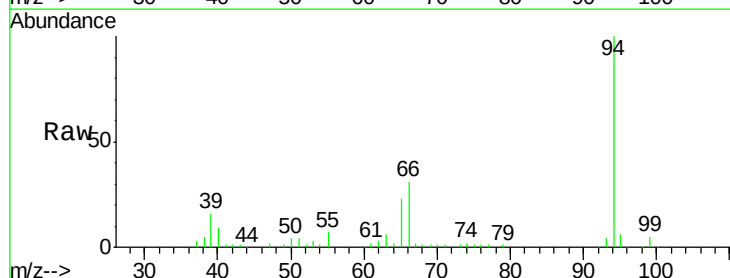
Tgt Ion: 94 Resp: 126697

Ion Ratio Lower Upper

94 100

65 23.4 4.9 44.9

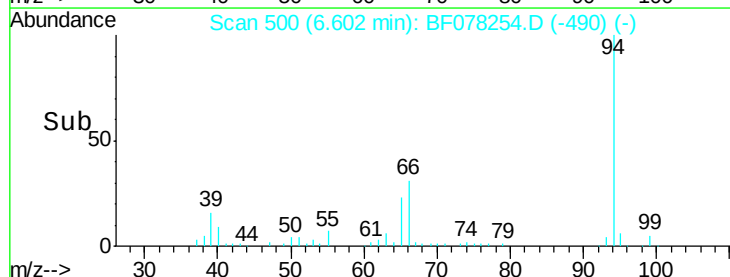
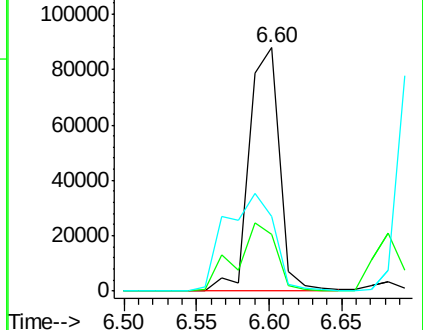
66 30.5 13.8 53.8

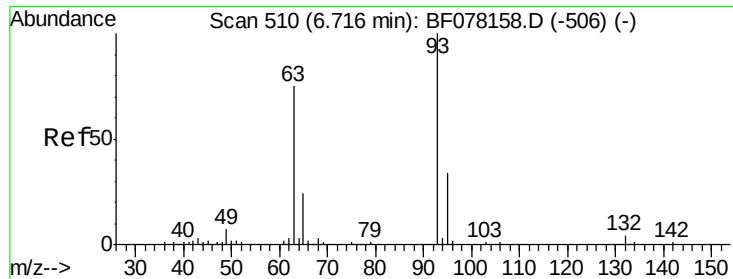


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

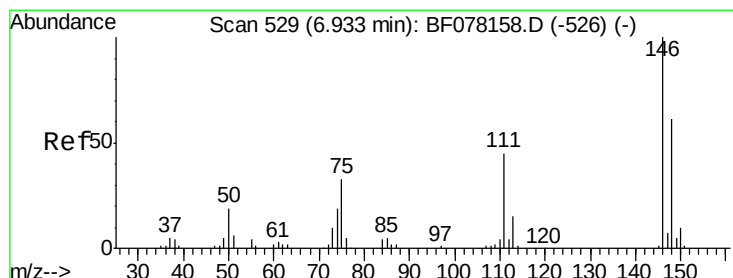
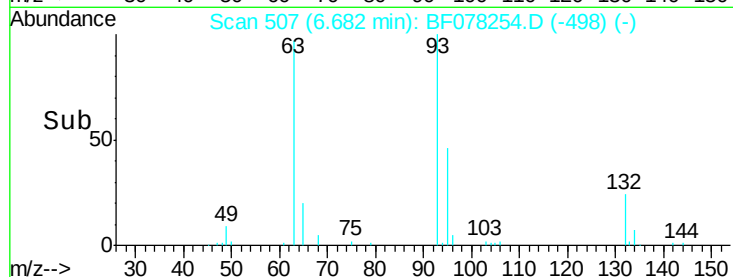
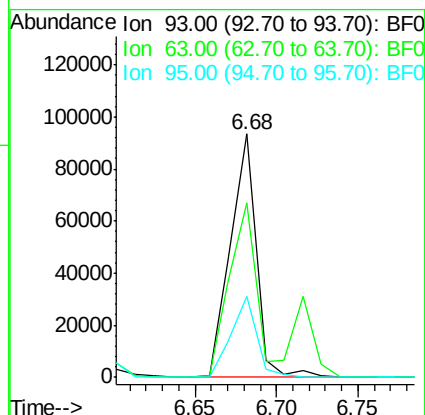
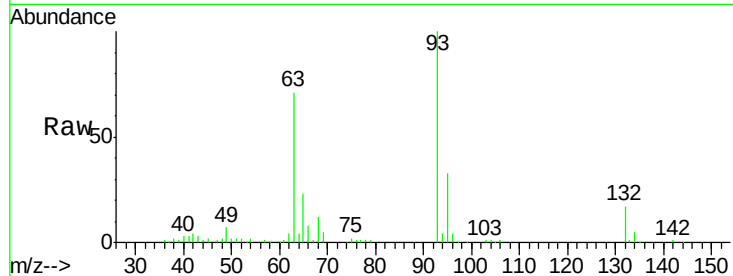




#11
bis(2-Chloroethyl)ether
Concen: 39.68 ng
RT: 6.68 min Scan# 507
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

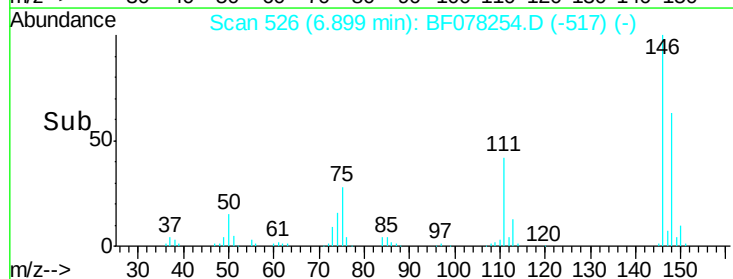
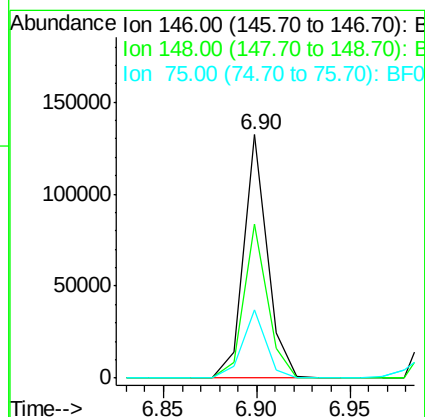
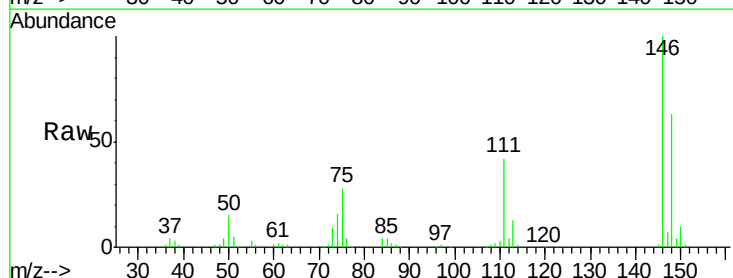
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

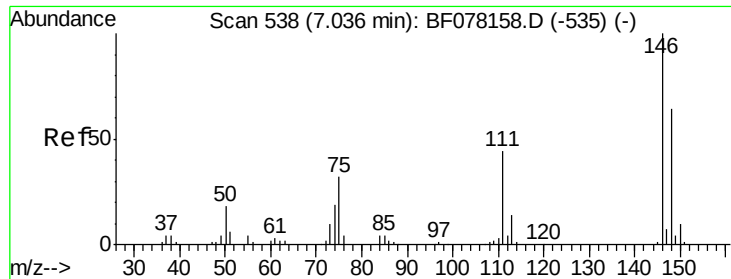
Tgt Ion: 93 Resp: 101982
Ion Ratio Lower Upper
93 100
63 71.5 54.6 94.6
95 33.2 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 38.22 ng
RT: 6.90 min Scan# 526
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion: 146 Resp: 118144
Ion Ratio Lower Upper
146 100
148 63.2 49.1 73.7
75 28.3 26.6 40.0

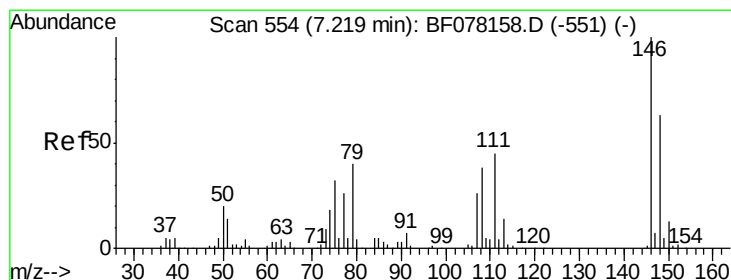
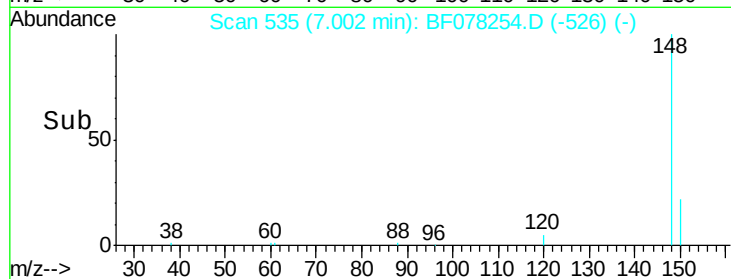
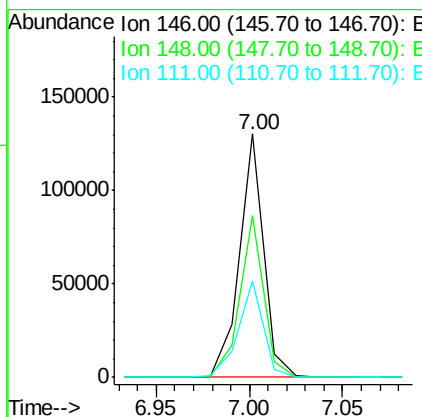
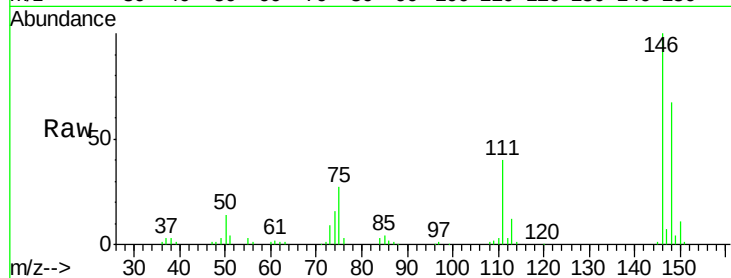




#13
 1,4-Dichlorobenzene
 Concen: 38.02 ng
 RT: 7.00 min Scan# 535
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

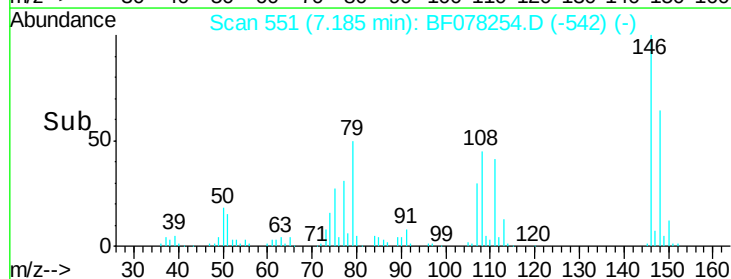
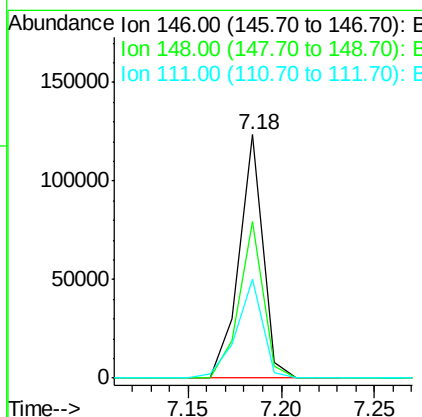
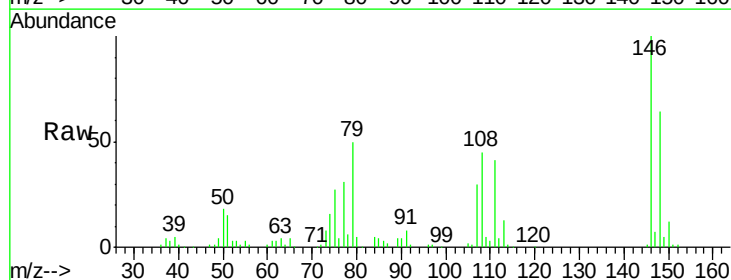
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

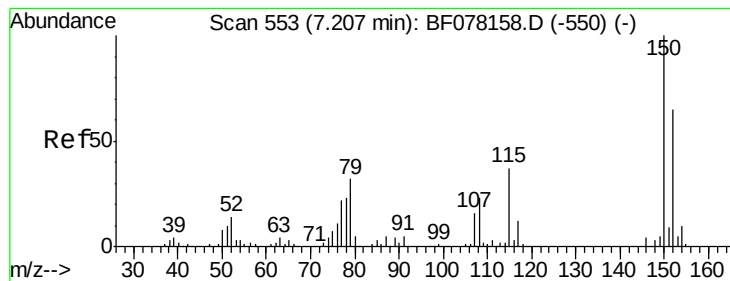
Tgt Ion:146 Resp: 118295
 Ion Ratio Lower Upper
 146 100
 148 66.5 51.4 77.0
 111 39.5 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 38.16 ng
 RT: 7.18 min Scan# 551
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:146 Resp: 111339
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.2 75.4
 111 40.9 36.1 54.1





#15

Benzyl Alcohol

Concen: 41.48 ng

RT: 7.18 min Scan# 551

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

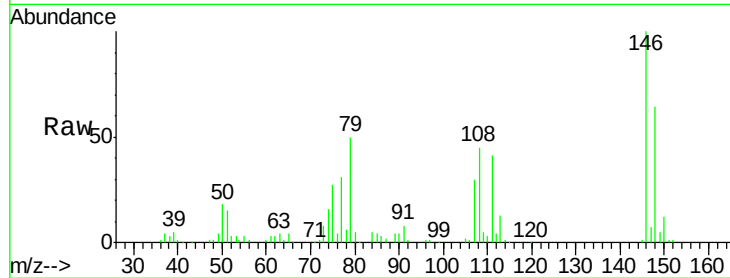
Tgt Ion: 79 Resp: 86944

Ion Ratio Lower Upper

79 100

108 89.7 57.6 86.4#

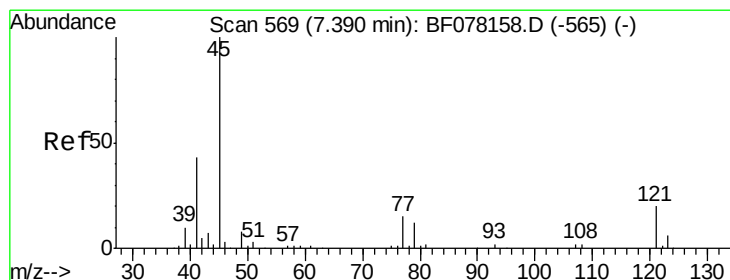
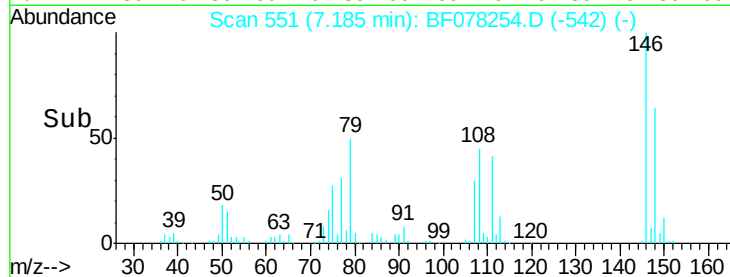
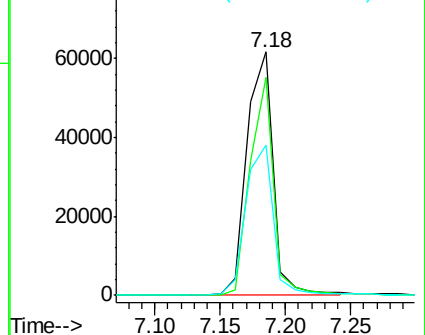
77 61.6 53.5 80.3



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: 39.10 ng

RT: 7.36 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

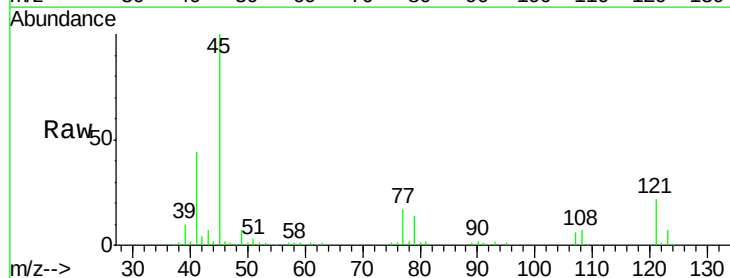
Tgt Ion: 45 Resp: 134029

Ion Ratio Lower Upper

45 100

77 16.8 0.0 34.5

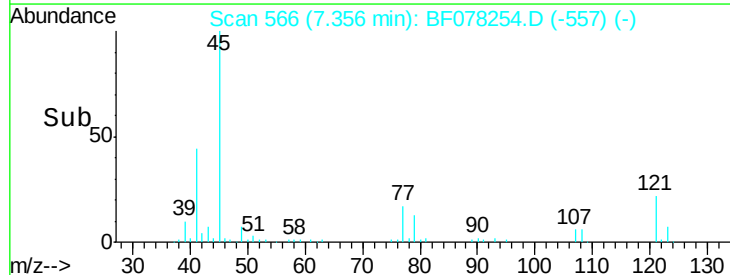
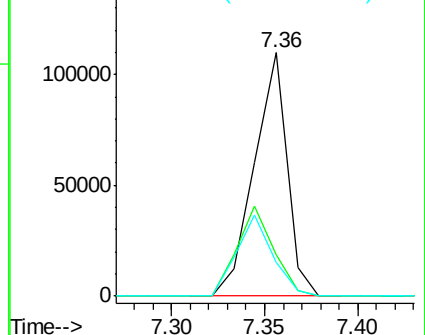
79 13.7 0.0 31.9

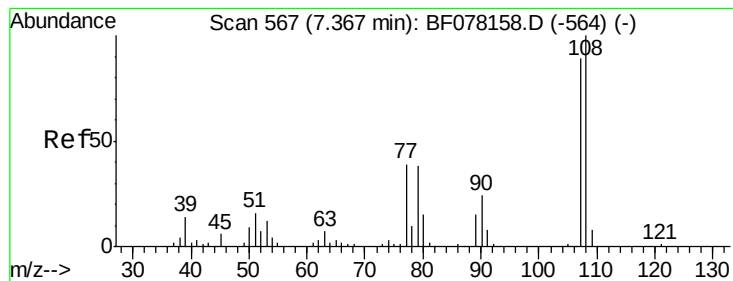


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 38.19 ng

RT: 7.34 min Scan# 565

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion:107 Resp: 83437

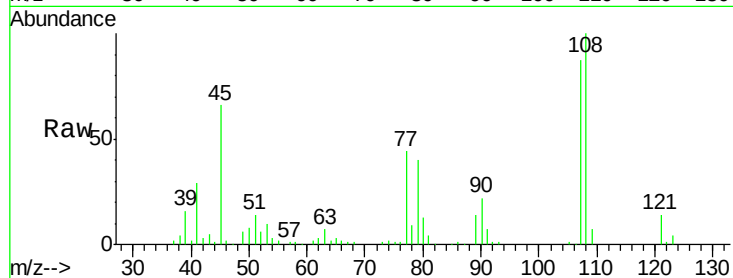
Ion Ratio Lower Upper

107 100

108 114.5 90.3 135.5

77 50.8 35.5 53.3

79 45.8 34.2 51.4

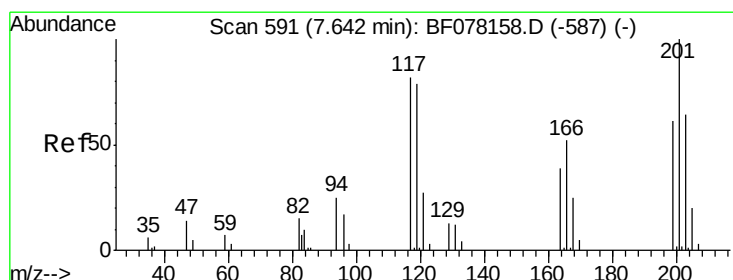
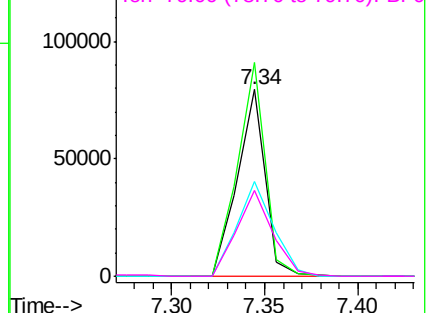
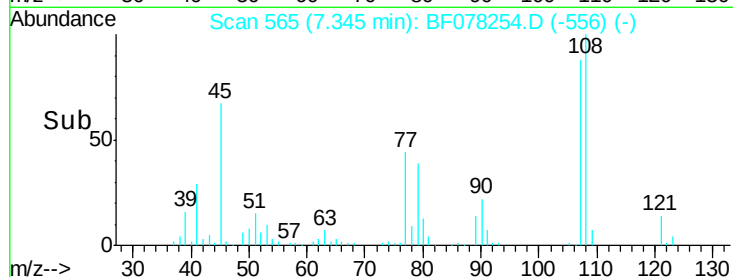


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 38.78 ng

RT: 7.60 min Scan# 587

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

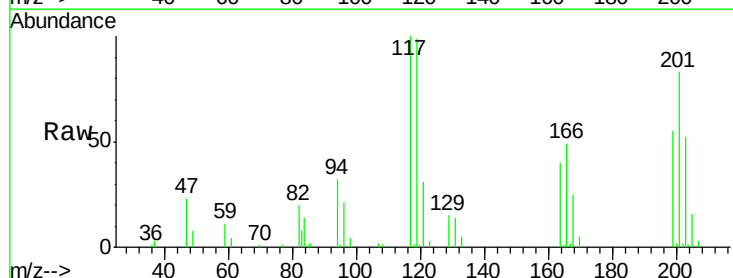
Tgt Ion:117 Resp: 40691

Ion Ratio Lower Upper

117 100

119 98.5 77.0 115.6

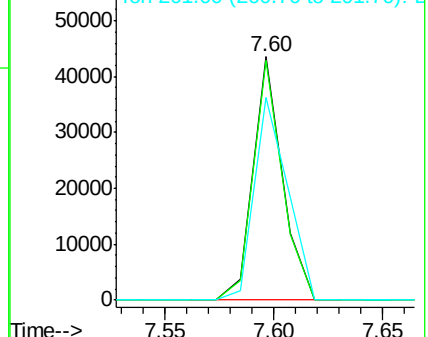
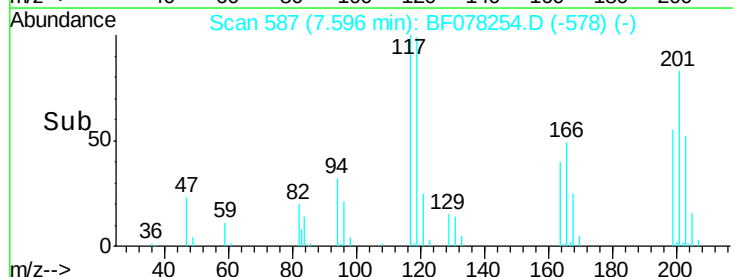
201 83.2 98.1 147.1#

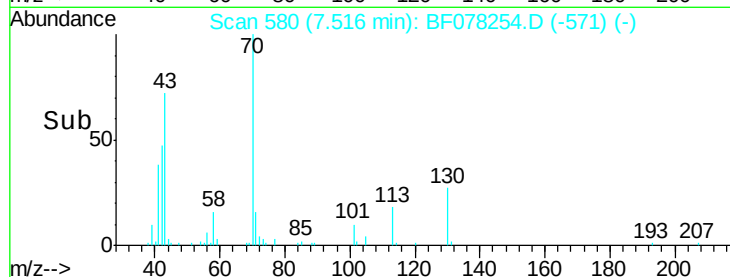
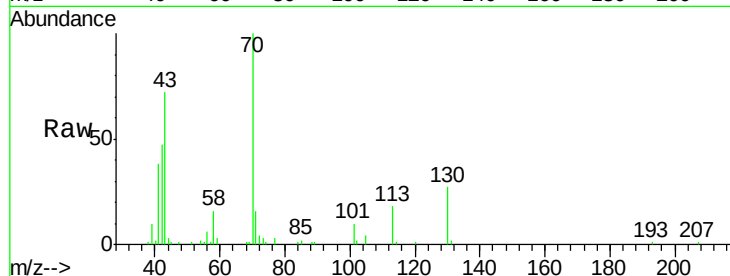
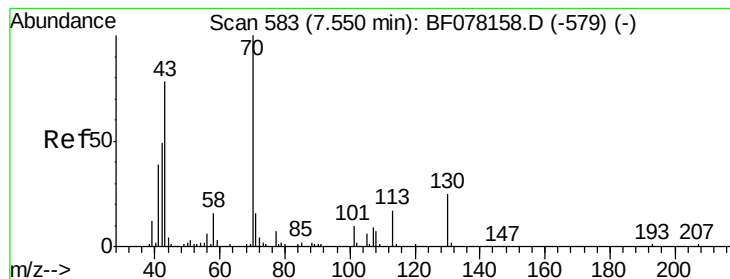


Abundance Ion 117.00 (116.70 to 117.70): E

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: 37.48 ng

RT: 7.52 min Scan# 580

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion: 70 Resp: 73751

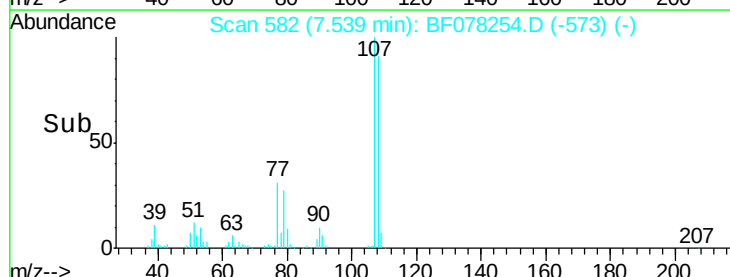
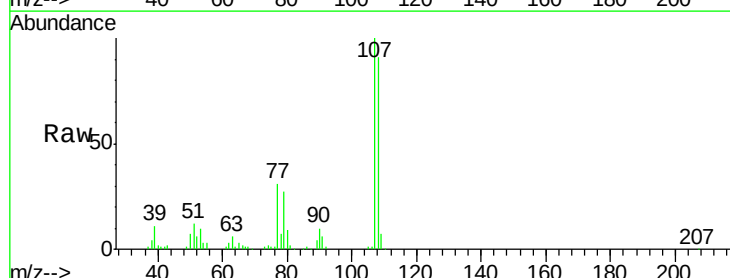
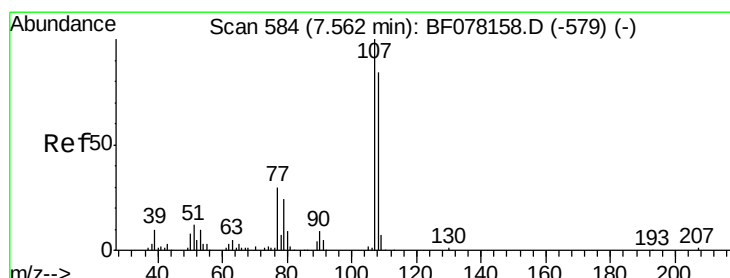
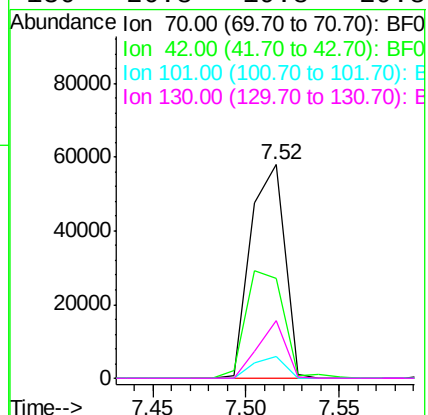
Ion Ratio Lower Upper

70 100

42 46.6 38.9 58.3

101 10.2 8.3 12.5

130 26.8 19.8 29.8



#20

3+4-Methylphenols

Concen: 38.34 ng

RT: 7.54 min Scan# 582

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Tgt Ion: 107 Resp: 111736

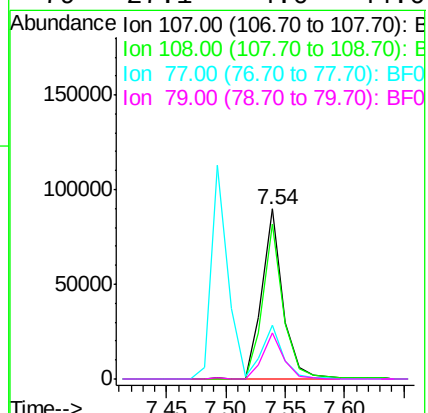
Ion Ratio Lower Upper

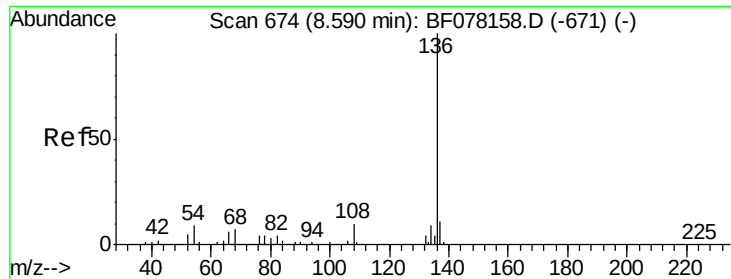
107 100

108 91.0 64.4 104.4

77 31.3 9.7 49.7

79 27.1 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: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

Tgt Ion:136 Resp: 158491

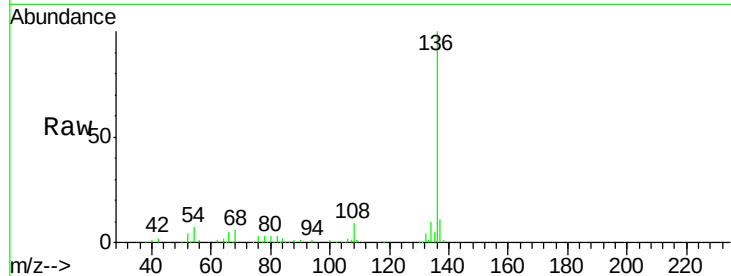
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.4

54 6.9 7.0 10.6#

68 6.0 5.4 8.2

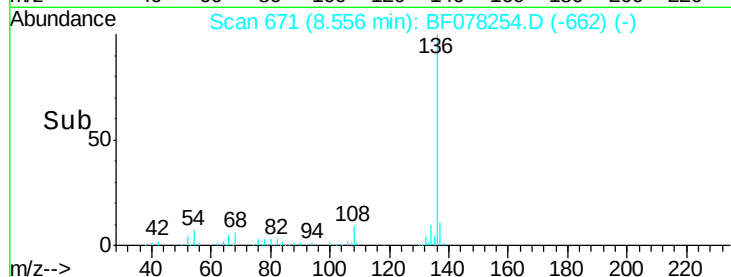


Abundance Ion 136.00 (135.70 to 136.70): E

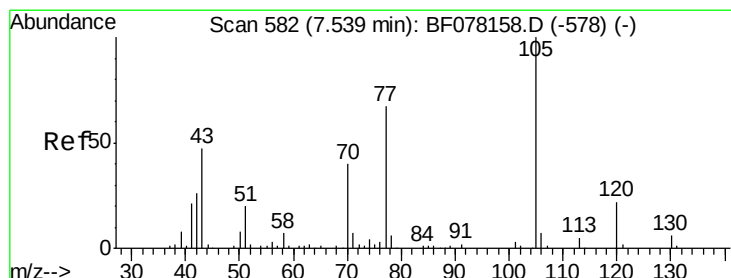
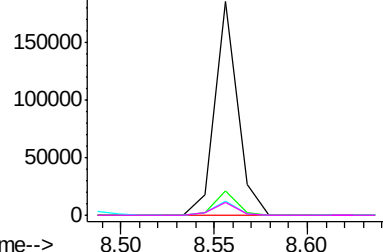
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 40.17 ng

RT: 7.49 min Scan# 578

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Tgt Ion:105 Resp: 148324

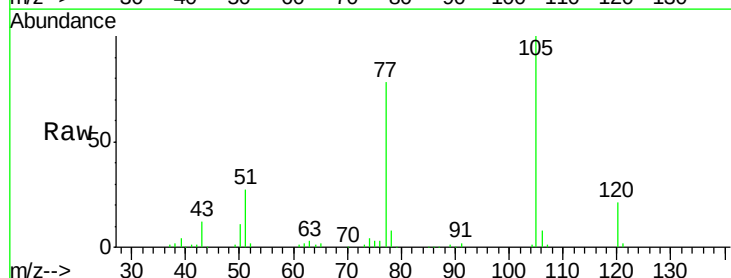
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.6 16.0 24.0#

120 20.7 17.8 26.6

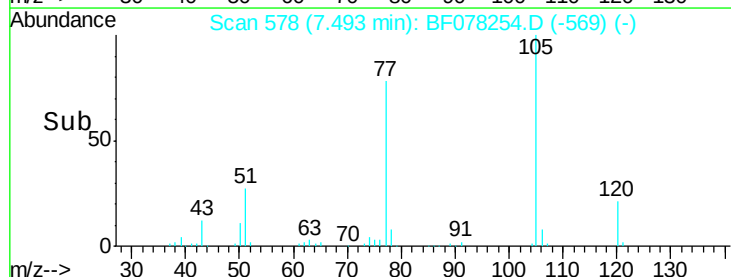


Abundance Ion 105.00 (104.70 to 105.70): E

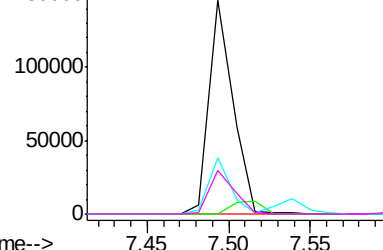
Ion 71.00 (70.70 to 71.70): BF0

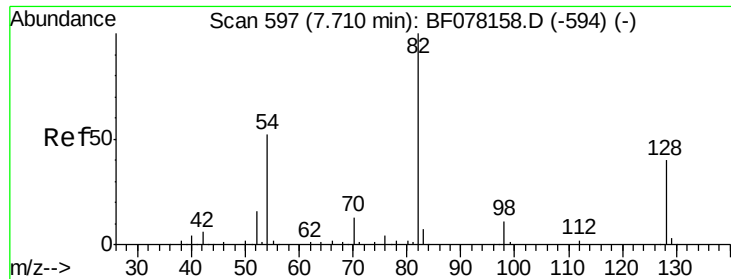
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

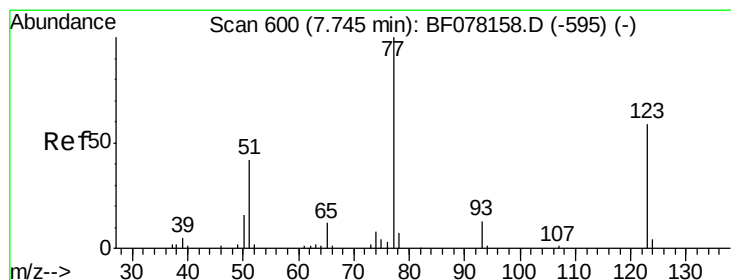
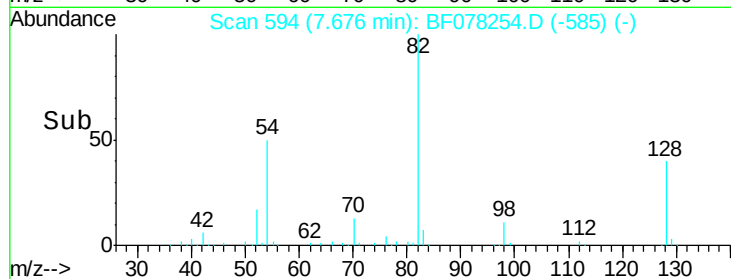
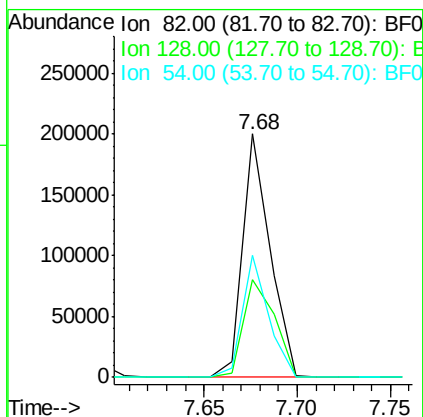
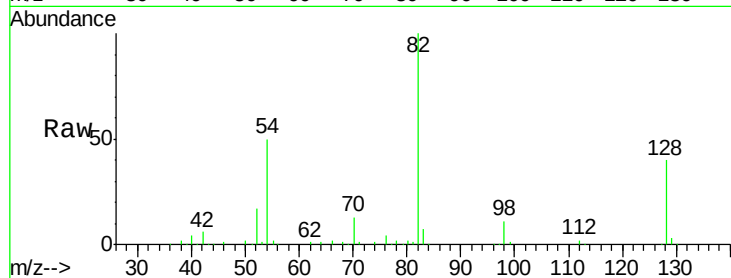




#23
 Nitrobenzene-d5
 Concen: 78.32 ng
 RT: 7.68 min Scan# 594
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

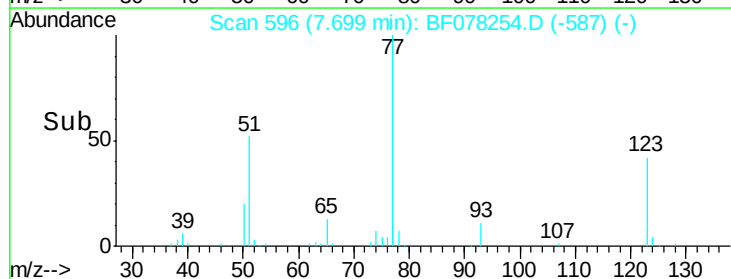
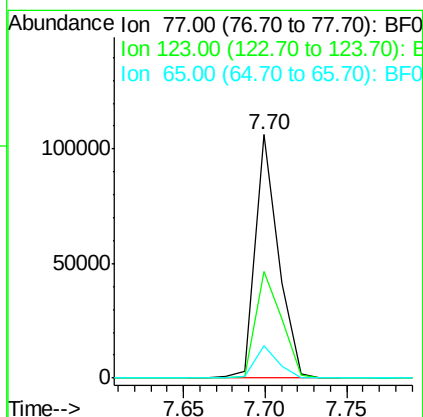
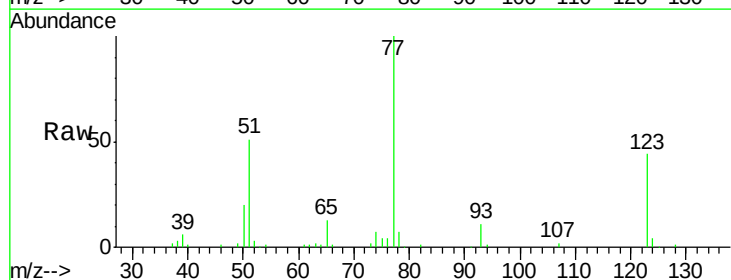
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

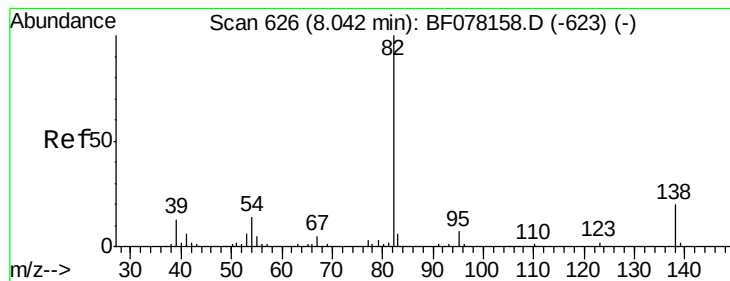
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.3	31.8	47.8
54	50.4	41.5	62.3



#24
 Nitrobenzene
 Concen: 38.49 ng
 RT: 7.70 min Scan# 596
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.6	46.9	70.3#
65	13.4	9.5	14.3





#25

Isophorone

Concen: 38.61 ng

RT: 8.01 min Scan# 623

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

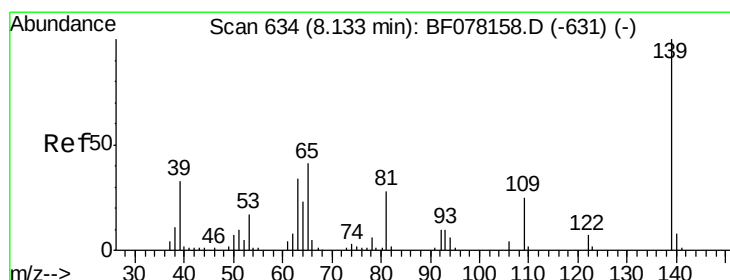
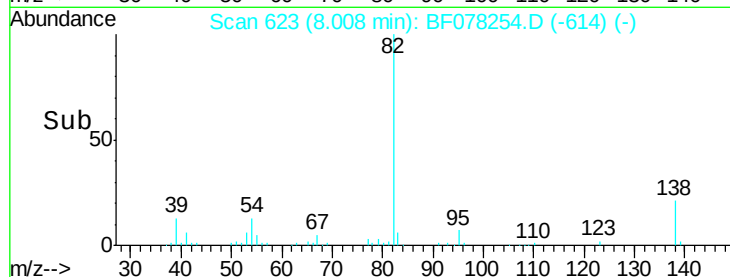
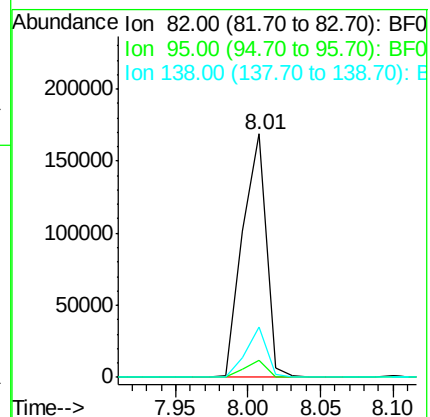
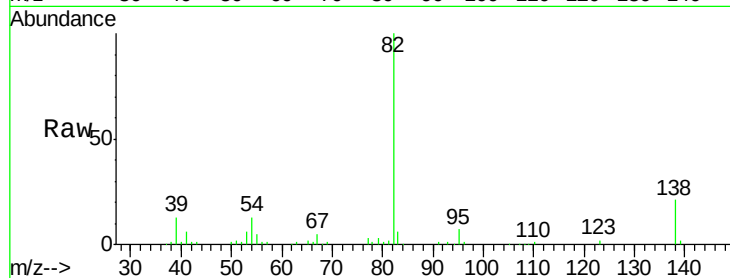
Tgt Ion: 82 Resp: 191629

Ion Ratio Lower Upper

82 100

95 7.2 5.7 8.5

138 20.8 15.8 23.8



#26

2-Nitrophenol

Concen: 39.95 ng

RT: 8.10 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

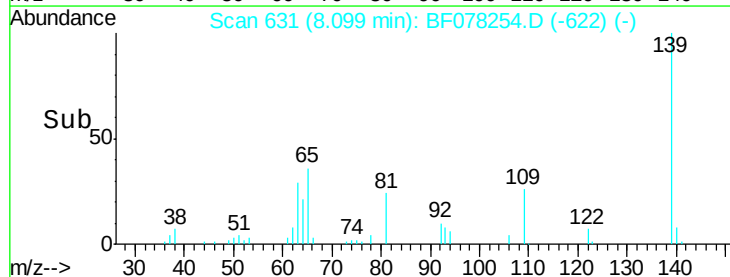
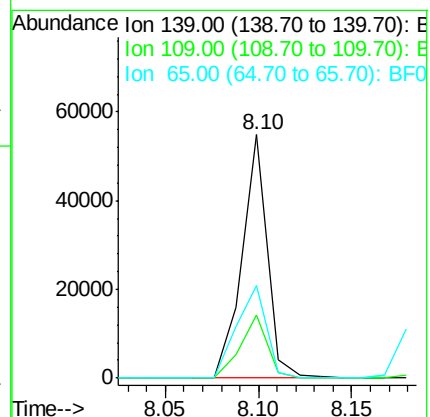
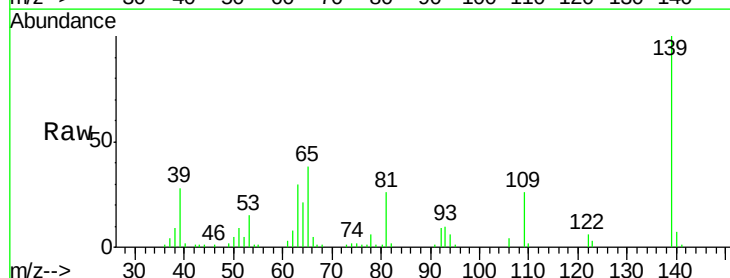
Tgt Ion: 139 Resp: 52033

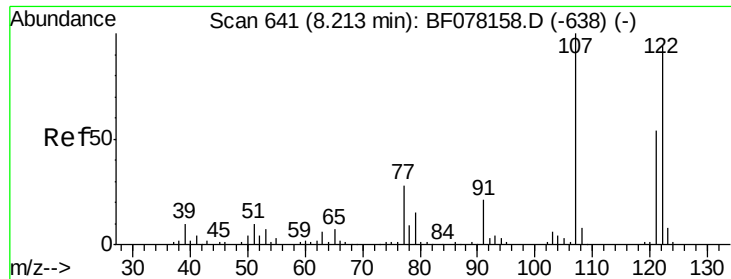
Ion Ratio Lower Upper

139 100

109 25.7 19.8 29.8

65 37.8 32.7 49.1

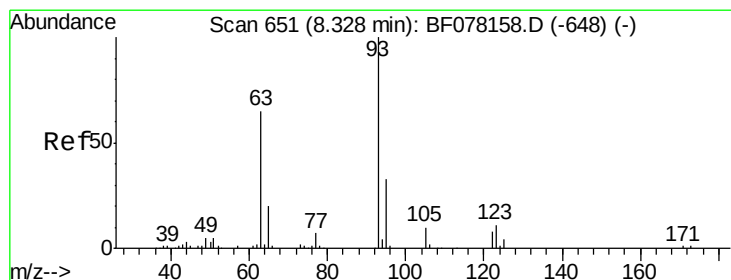
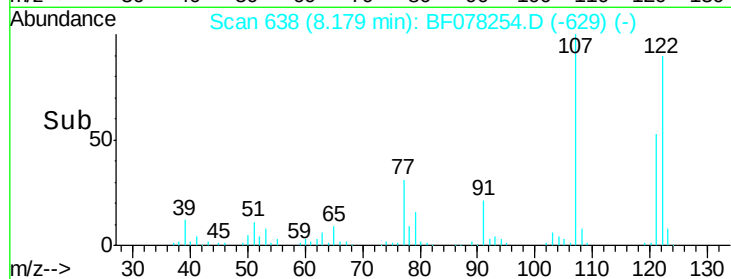
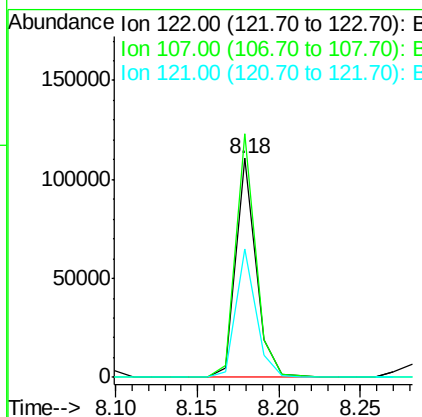
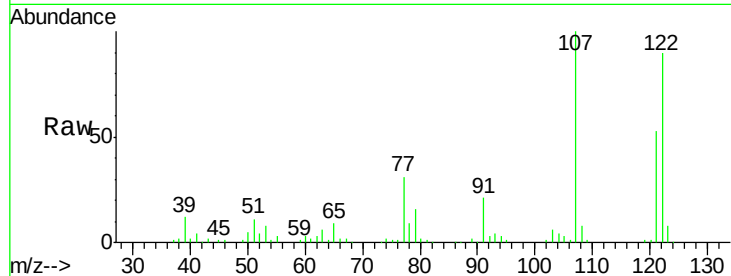




#27
 2,4-Dimethylphenol
 Concen: 38.74 ng
 RT: 8.18 min Scan# 638
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

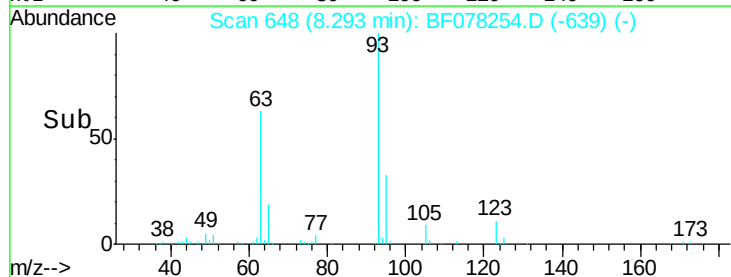
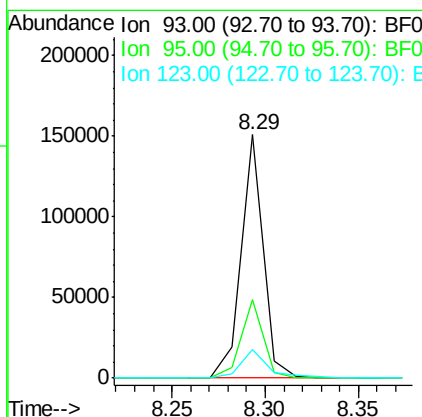
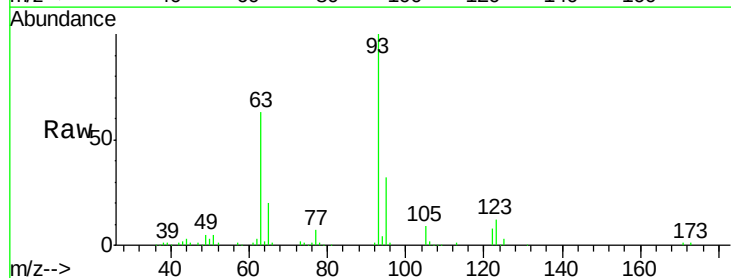
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

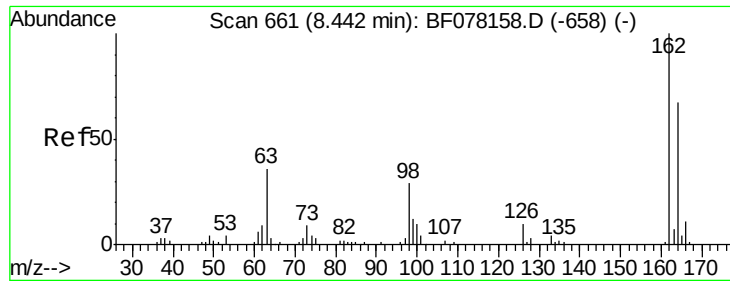
Tgt Ion: 122 Resp: 93827
 Ion Ratio Lower Upper
 122 100
 107 111.2 84.6 127.0
 121 58.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.23 ng
 RT: 8.29 min Scan# 648
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion: 93 Resp: 124853
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.3 39.5
 123 11.7 9.1 13.7

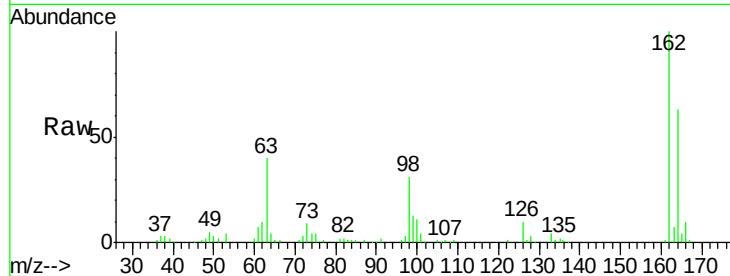




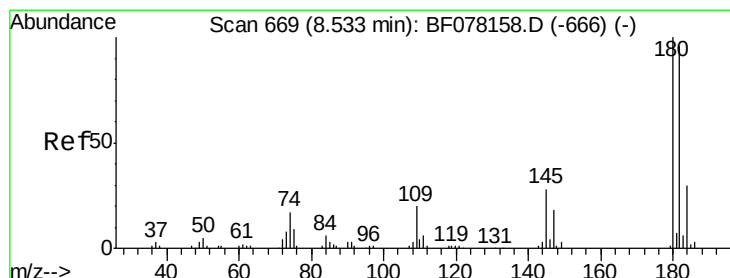
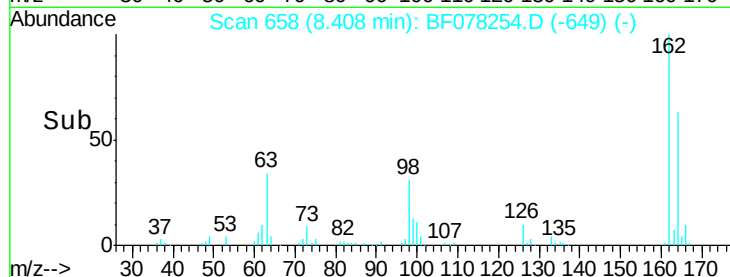
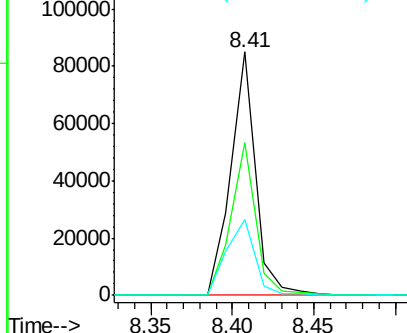
#29
 2,4-Dichlorophenol
 Concen: 40.57 ng
 RT: 8.41 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:162 Resp: 89402
 Ion Ratio Lower Upper
 162 100
 164 62.9 47.0 87.0
 98 31.2 9.2 49.2

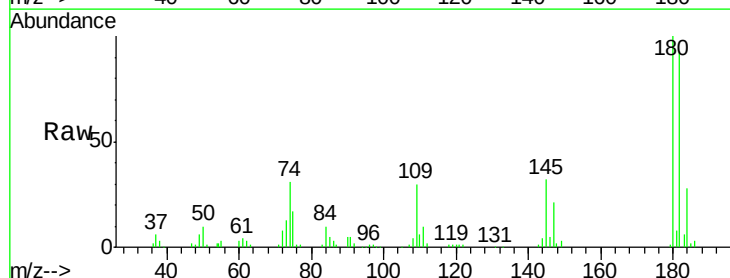


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

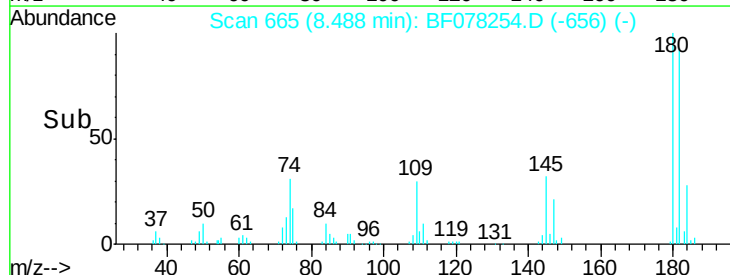
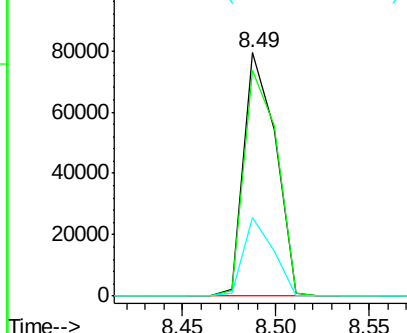


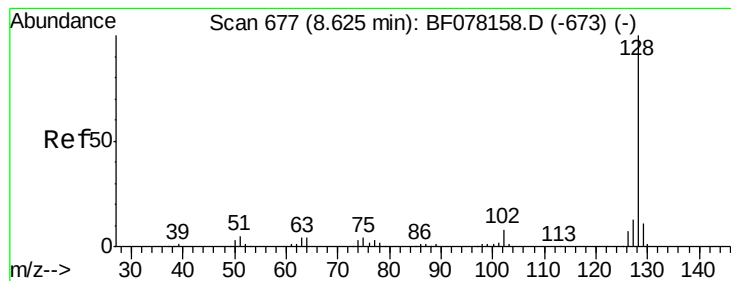
#30
 1,2,4-Trichlorobenzene
 Concen: 37.09 ng
 RT: 8.49 min Scan# 665
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:180 Resp: 93706
 Ion Ratio Lower Upper
 180 100
 182 92.7 76.9 115.3
 145 32.5 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: 36.88 ng

RT: 8.58 min Scan# 673

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

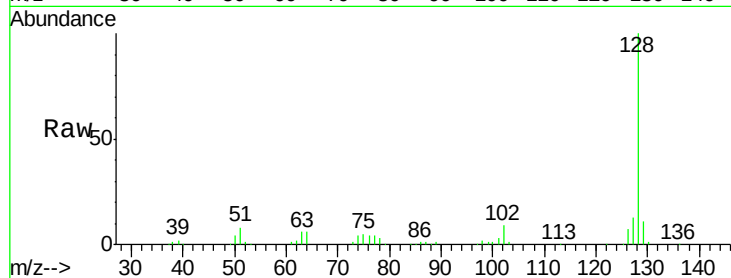
Tgt Ion:128 Resp: 304244

Ion Ratio Lower Upper

128 100

129 11.2 8.6 12.8

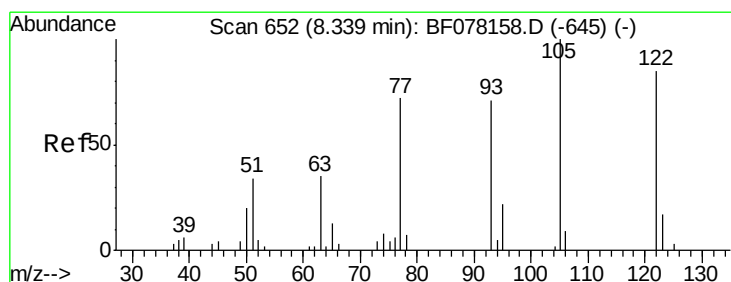
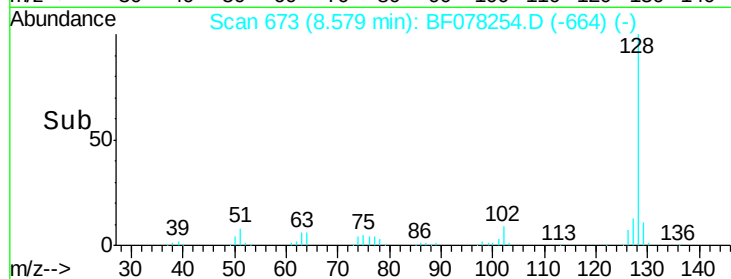
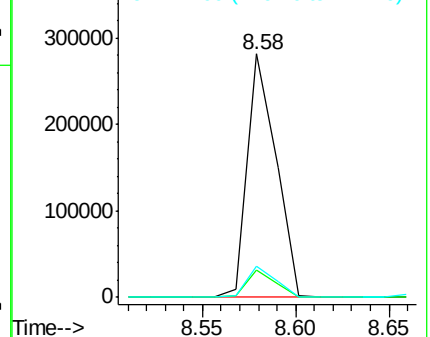
127 12.7 10.7 16.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 48.08 ng

RT: 8.32 min Scan# 650

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

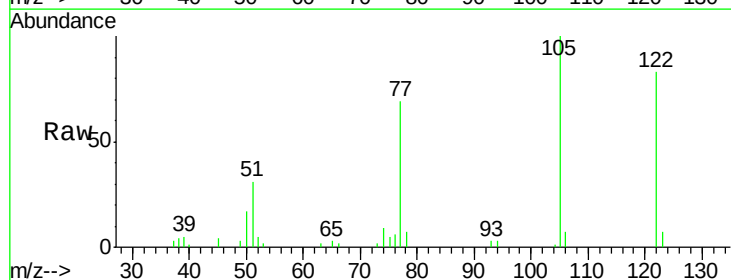
Tgt Ion:122 Resp: 54783

Ion Ratio Lower Upper

122 100

105 120.5 96.1 136.1

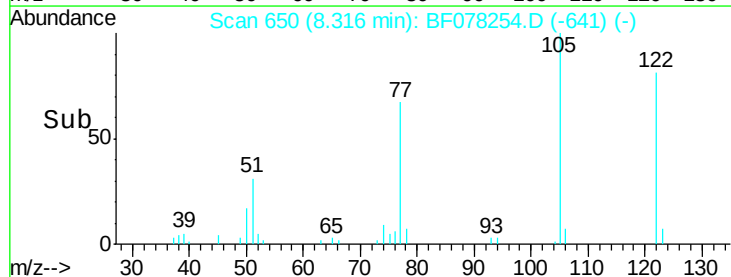
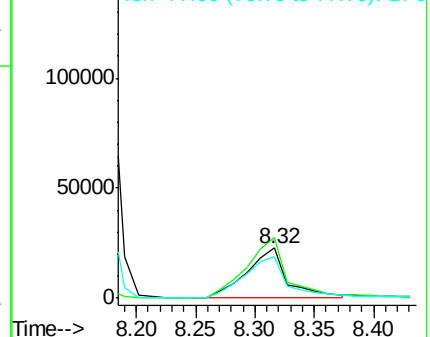
77 82.6 64.1 104.1

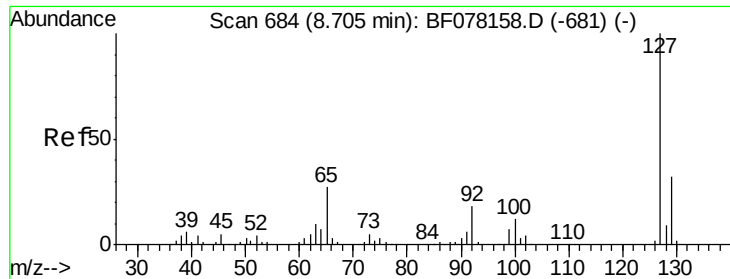


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

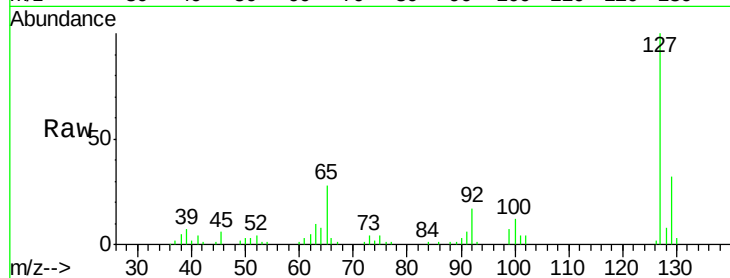




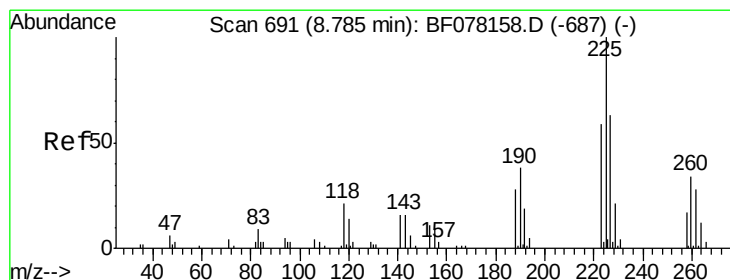
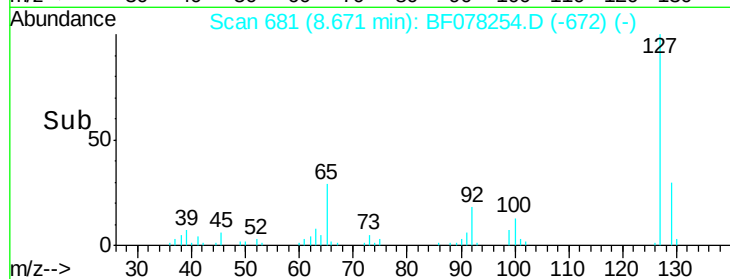
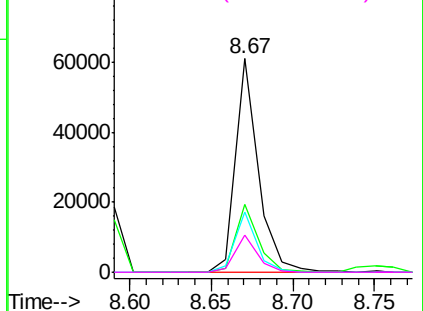
#33
4-Chloroaniline
Concen: 17.12 ng
RT: 8.67 min Scan# 681
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:	127	Resp:	58617
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.5	38.3
65	28.1	21.7	32.5
92	17.2	14.6	21.8

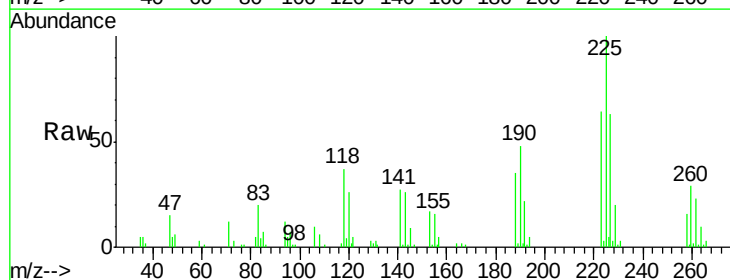


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

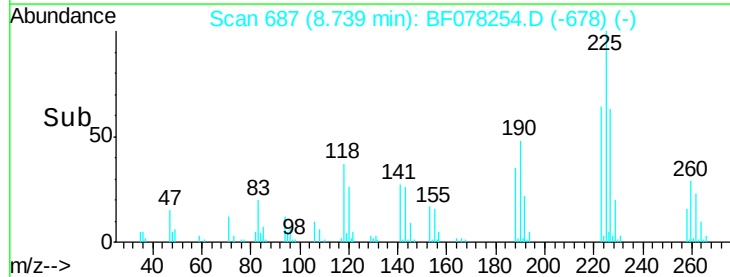
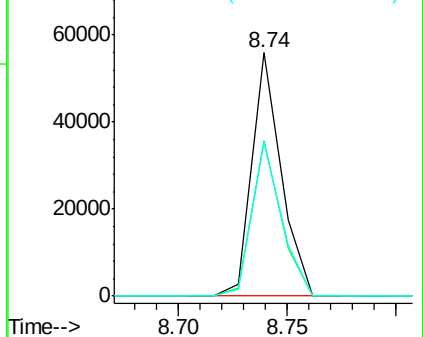


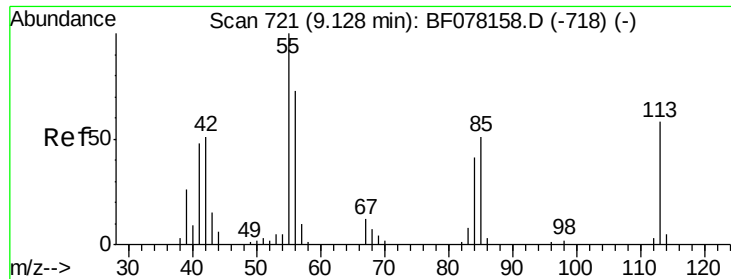
#34
Hexachlorobutadiene
Concen: 37.54 ng
RT: 8.74 min Scan# 687
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:	225	Resp:	52074
Ion	Ratio	Lower	Upper
225	100		
223	63.9	47.5	71.3
227	63.3	50.2	75.2



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

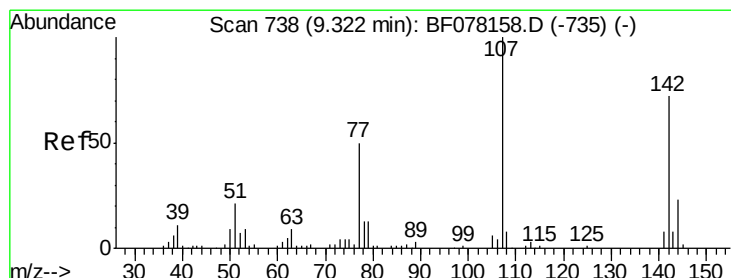
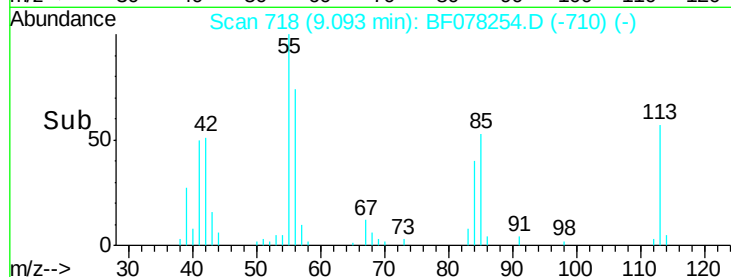
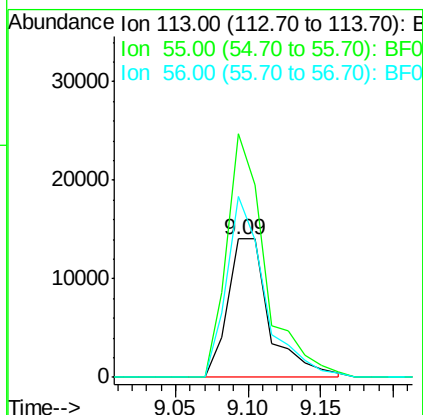
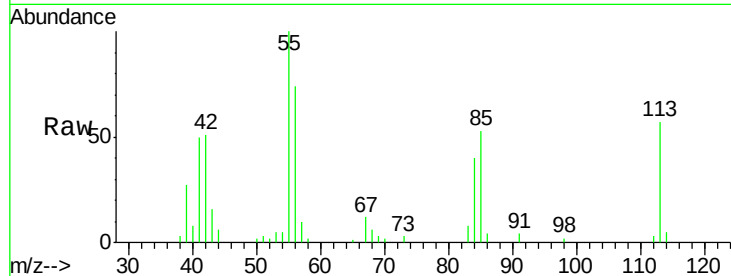




#35
 Caprolactam
 Concen: 42.81 ng
 RT: 9.09 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

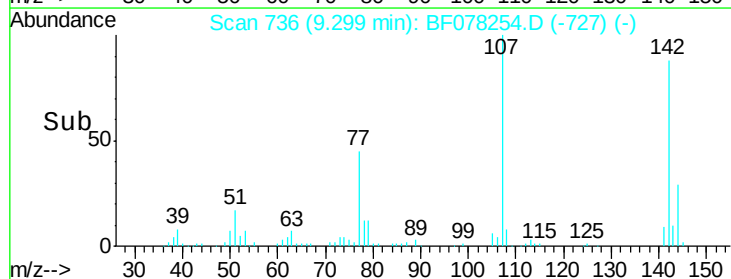
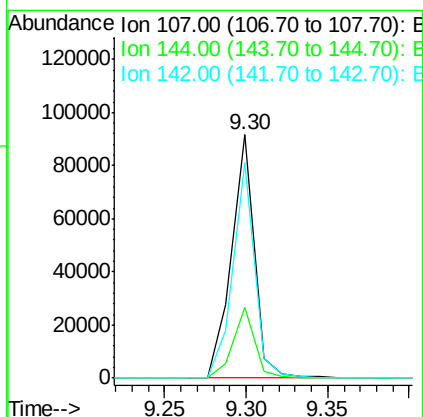
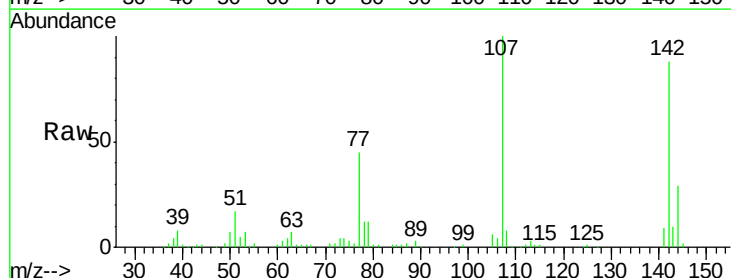
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

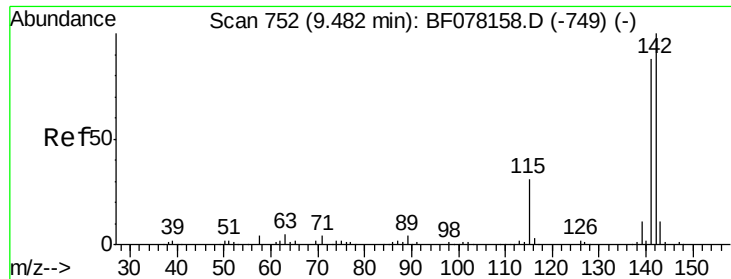
Tgt Ion:113 Resp: 28160
 Ion Ratio Lower Upper
 113 100
 55 176.4 151.9 191.9
 56 130.8 106.1 146.1



#36
 4-Chloro-3-methylphenol
 Concen: 40.06 ng
 RT: 9.30 min Scan# 736
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:107 Resp: 89070
 Ion Ratio Lower Upper
 107 100
 144 29.3 18.2 27.2#
 142 88.3 58.0 87.0#

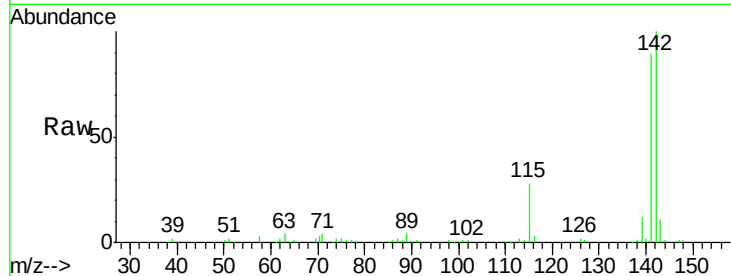




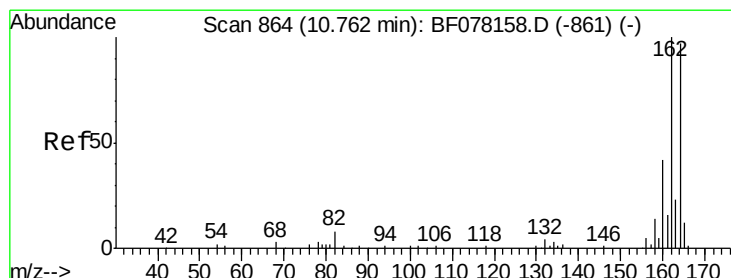
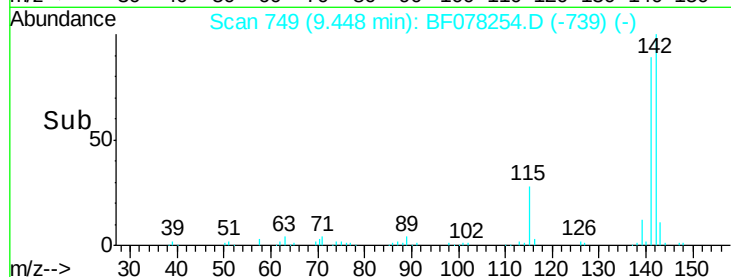
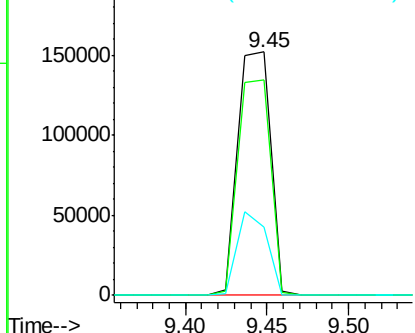
#37
 2-Methylnaphthalene
 Concen: 37.85 ng
 RT: 9.45 min Scan# 749
 Delta R.T. 0.01 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:142 Resp: 211977
 Ion Ratio Lower Upper
 142 100
 141 88.6 70.3 105.5
 115 28.0 24.6 37.0

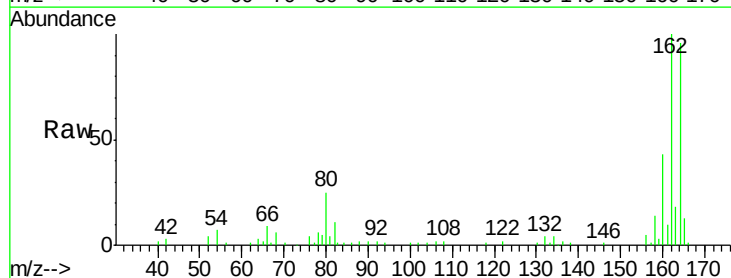


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

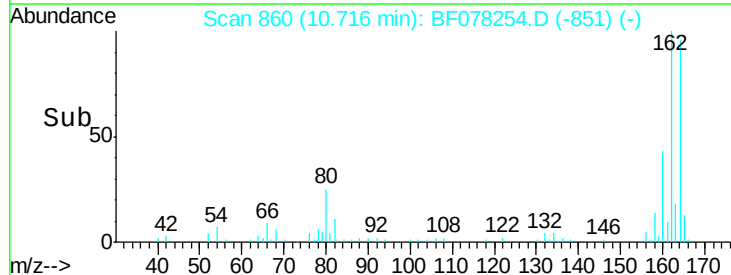
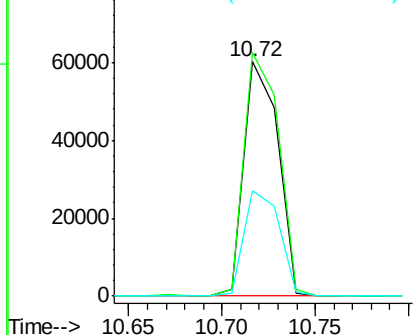


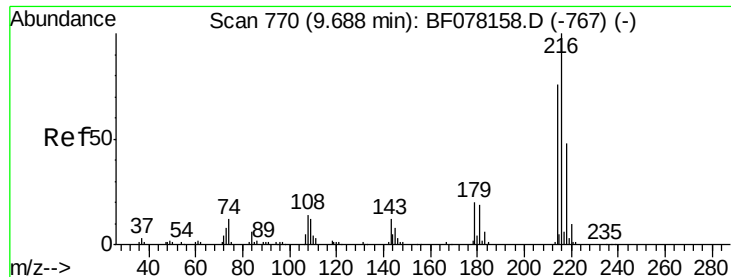
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.72 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:164 Resp: 76261
 Ion Ratio Lower Upper
 164 100
 162 104.0 82.2 123.2
 160 45.2 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

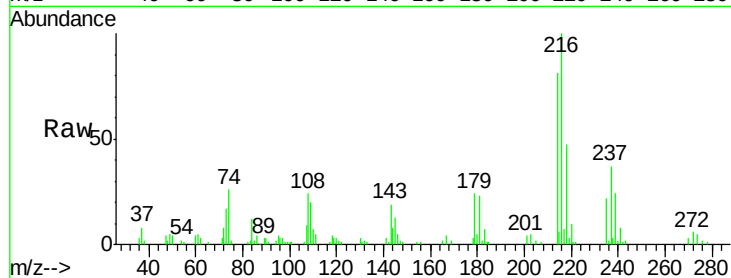




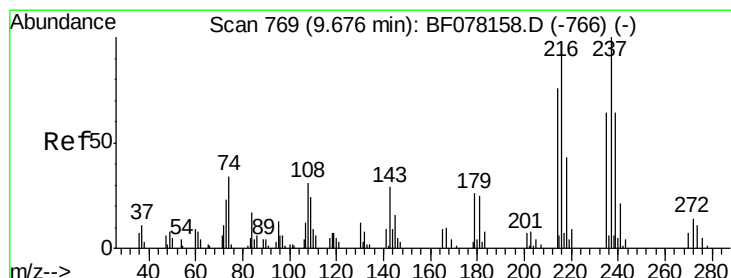
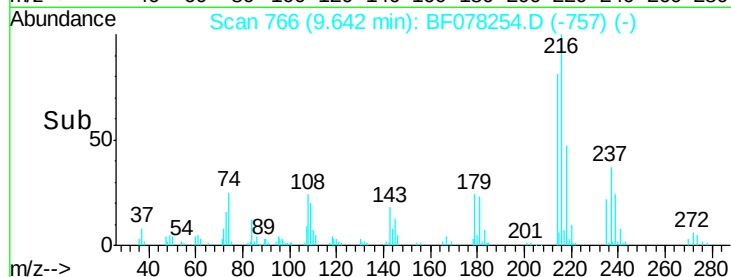
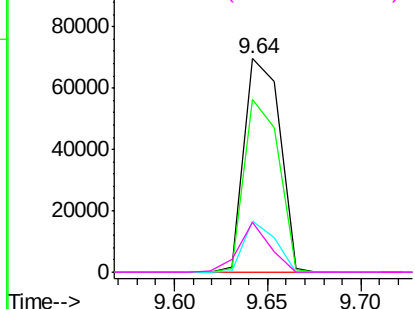
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.98 ng
 RT: 9.64 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:	216	Resp:	92116
Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.0	93.0
179	21.3	17.3	25.9
108	20.6	14.6	21.8

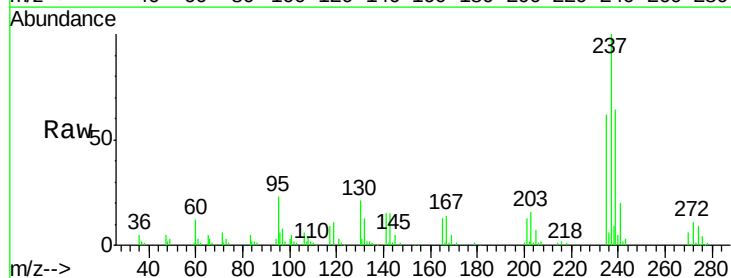


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

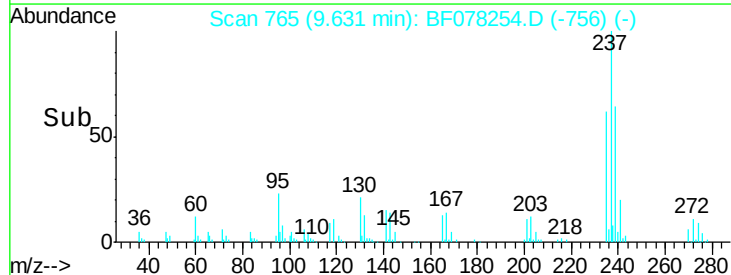
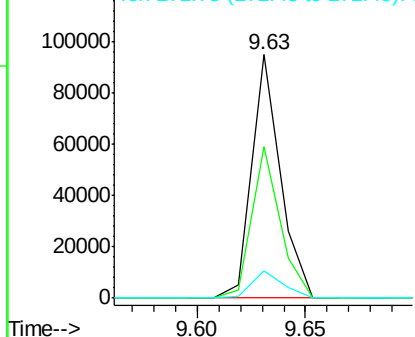


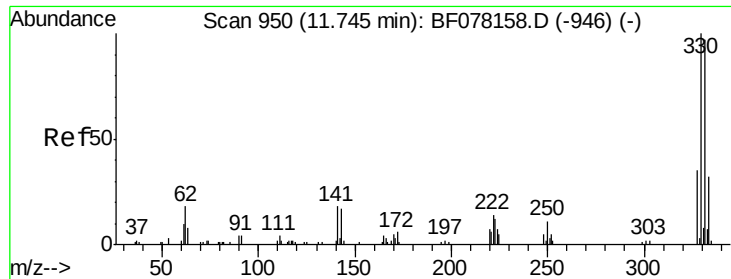
#40
 Hexachlorocyclopentadiene
 Concen: 84.49 ng
 RT: 9.63 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:	237	Resp:	86366
Ion	Ratio	Lower	Upper
237	100		
235	62.0	44.1	84.1
272	11.3	0.0	34.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

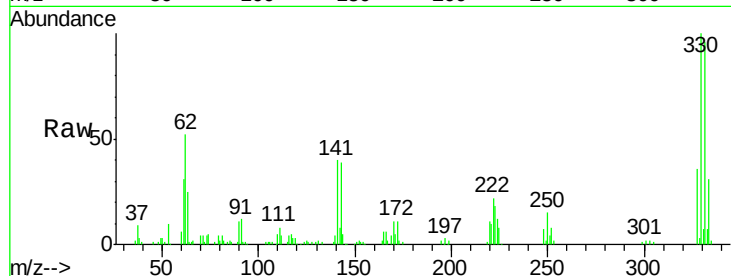




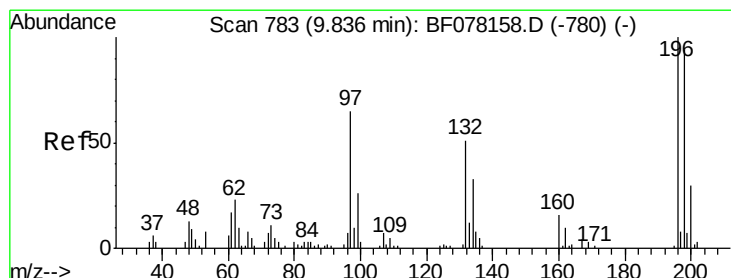
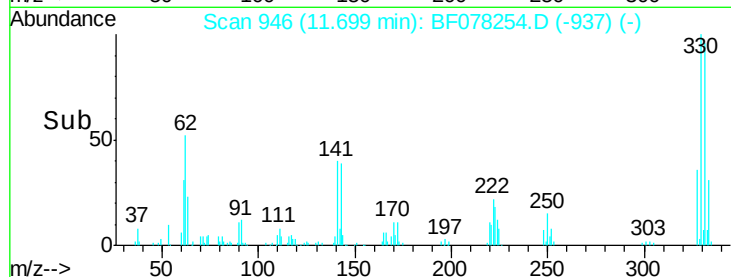
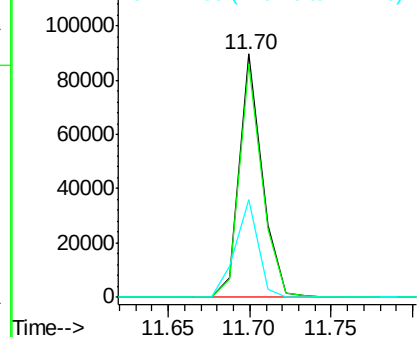
#41
 2,4,6-Tribromophenol
 Concen: 136.96 ng
 RT: 11.70 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:330 Resp: 86624
 Ion Ratio Lower Upper
 330 100
 332 95.3 78.6 117.8
 141 40.5 31.2 46.8

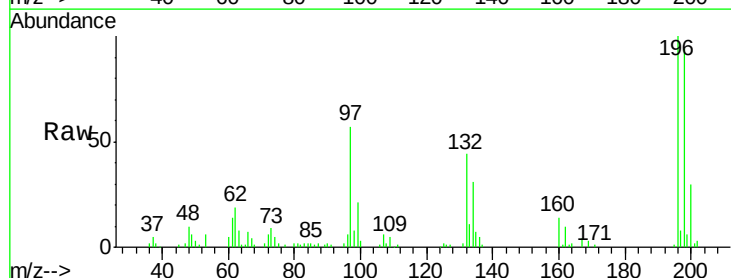


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

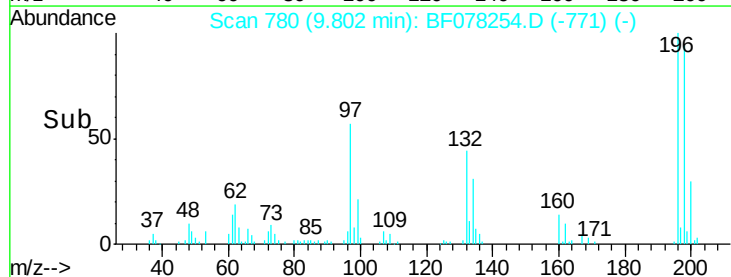
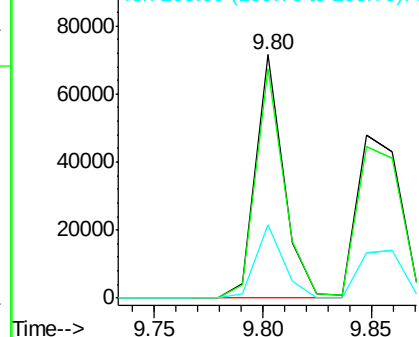


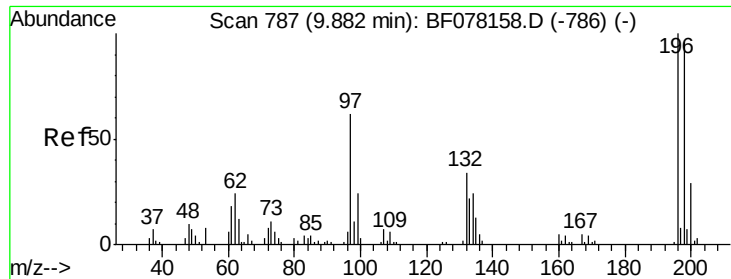
#42
 2,4,6-Trichlorophenol
 Concen: 43.24 ng
 RT: 9.80 min Scan# 780
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:196 Resp: 64437
 Ion Ratio Lower Upper
 196 100
 198 94.2 75.4 113.2
 200 30.2 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

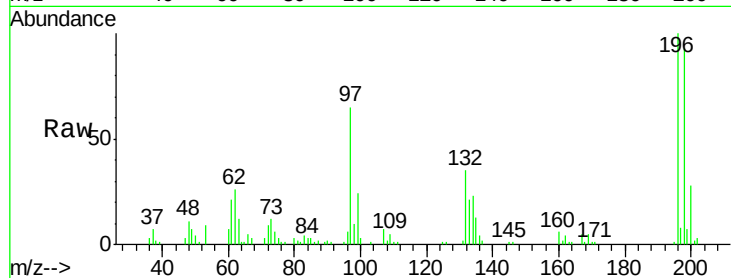




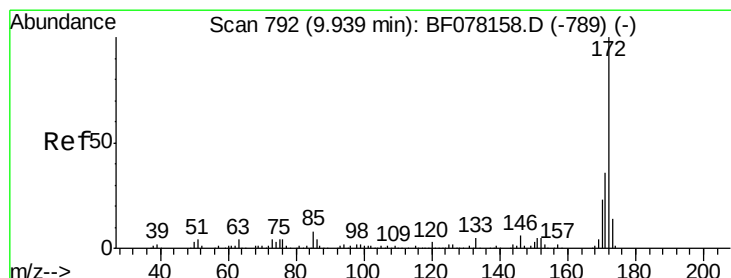
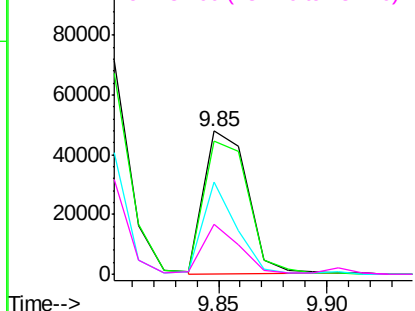
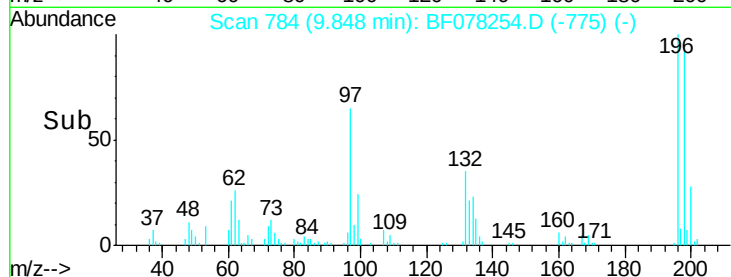
#43
 2,4,5-Trichlorophenol
 Concen: 42.27 ng
 RT: 9.85 min Scan# 784
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:196 Resp: 65808
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.6 115.0
 97 64.9 50.6 75.8
 132 34.7 27.7 41.5

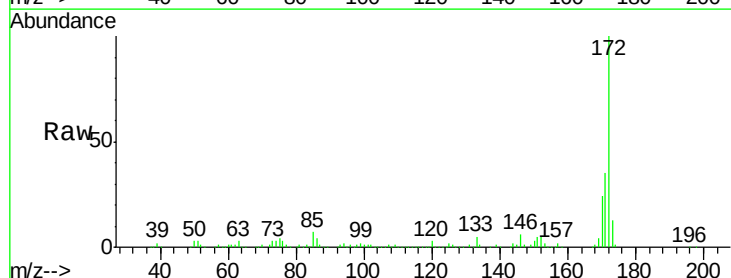


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

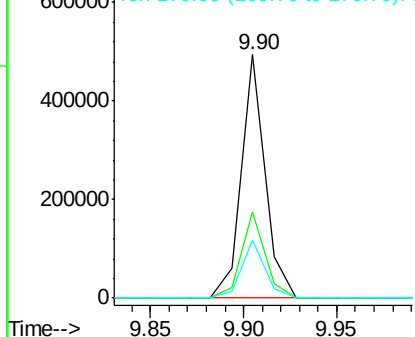
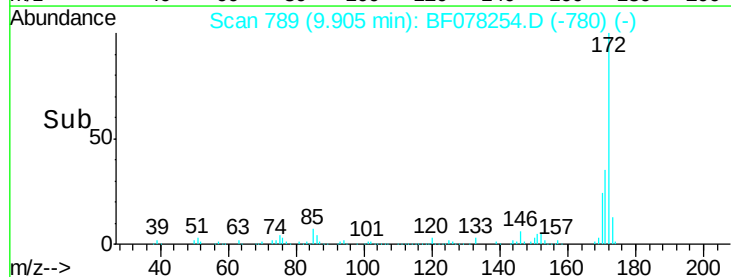


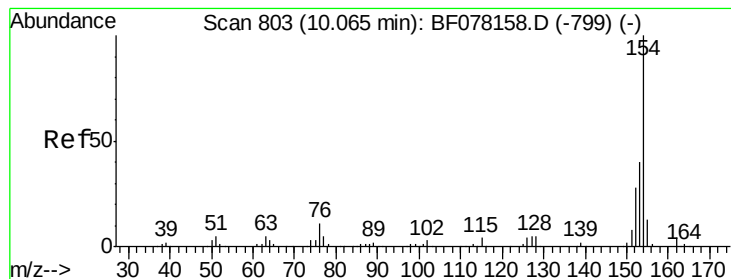
#44
 2-Fluorobiphenyl
 Concen: 82.26 ng
 RT: 9.90 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:172 Resp: 438881
 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
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.54 ng

RT: 10.02 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

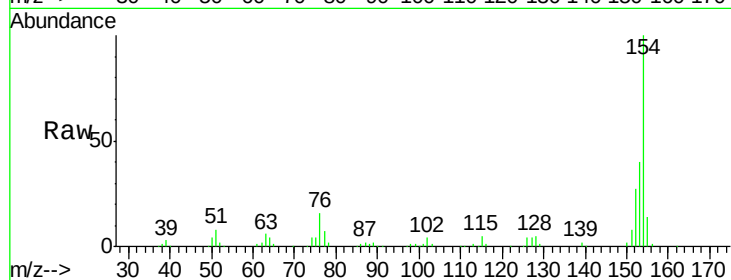
Tgt Ion:154 Resp: 252865

Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

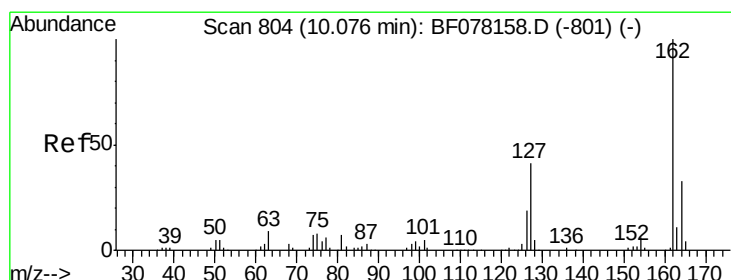
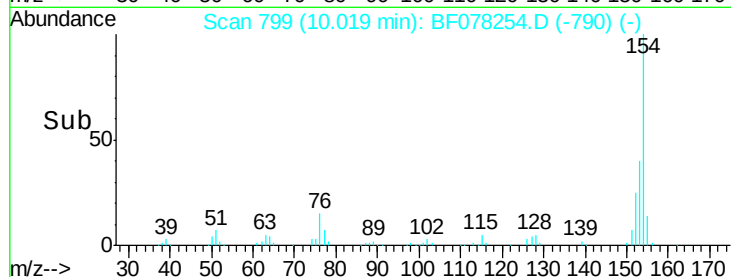
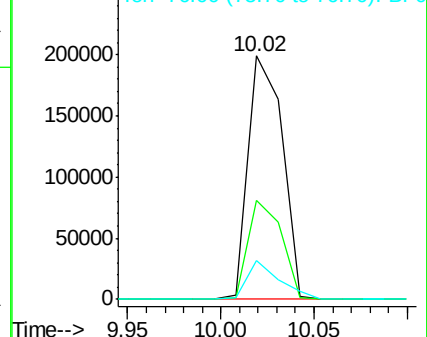
76 15.8 0.0 30.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 41.49 ng

RT: 10.04 min Scan# 801

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

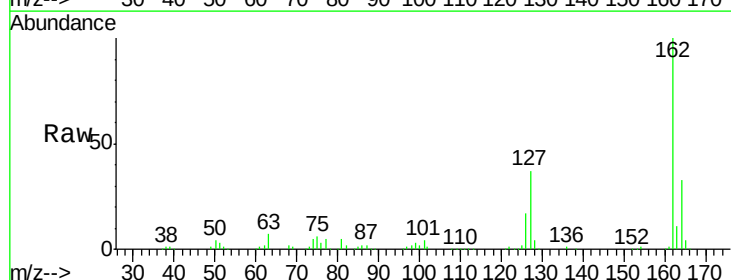
Tgt Ion:162 Resp: 203619

Ion Ratio Lower Upper

162 100

127 36.9 32.6 49.0

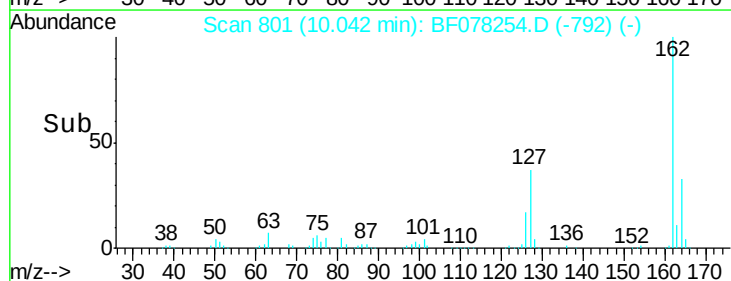
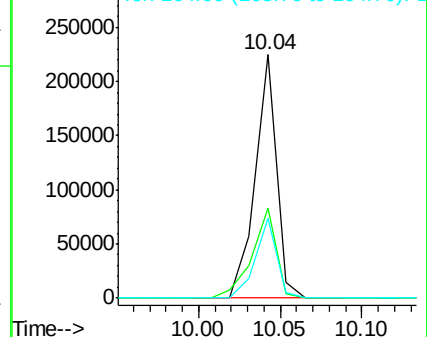
164 33.0 26.0 39.0

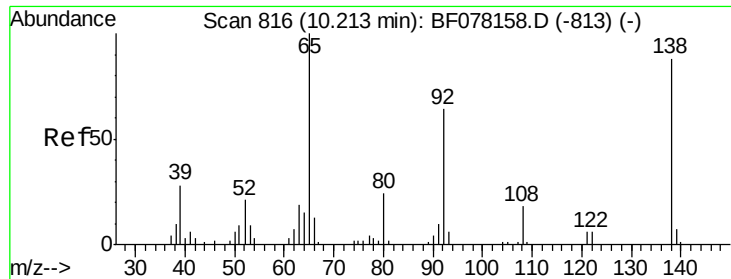


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

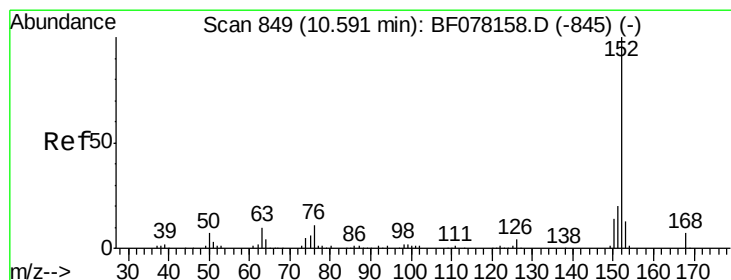
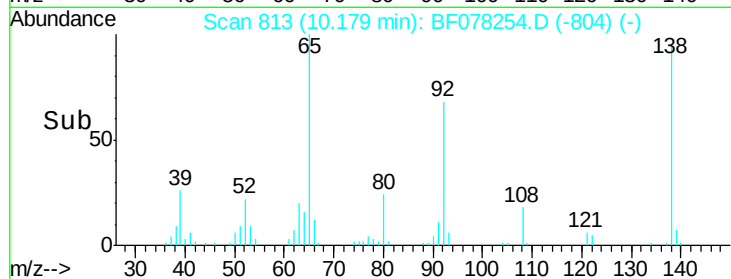
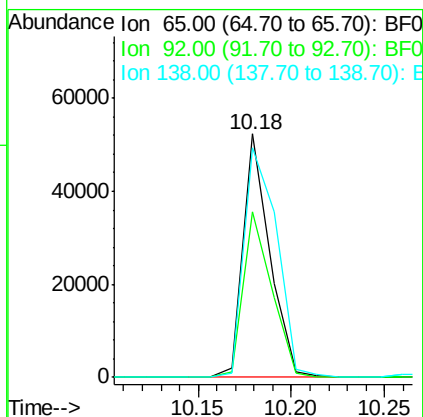
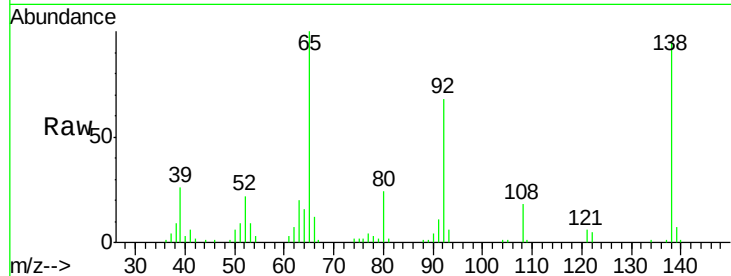




#47
2-Nitroaniline
Concen: 42.90 ng
RT: 10.18 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

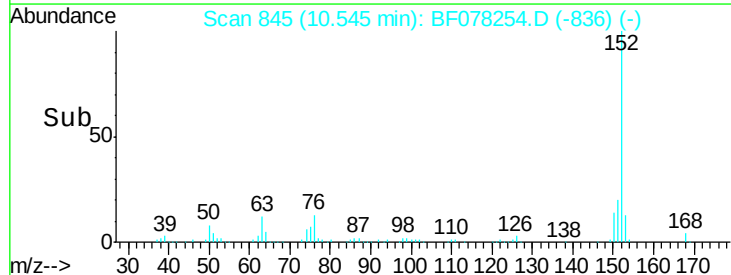
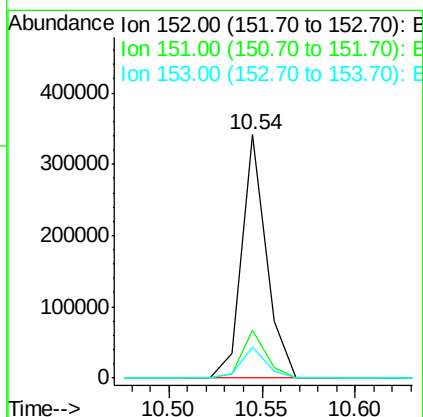
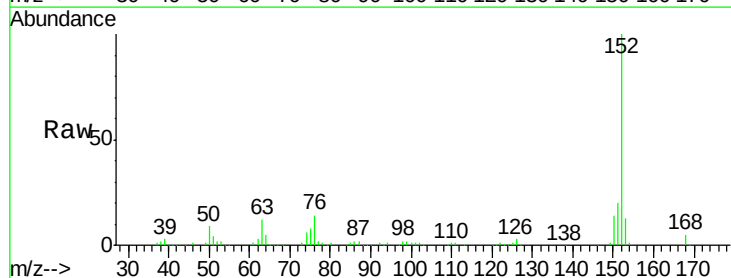
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

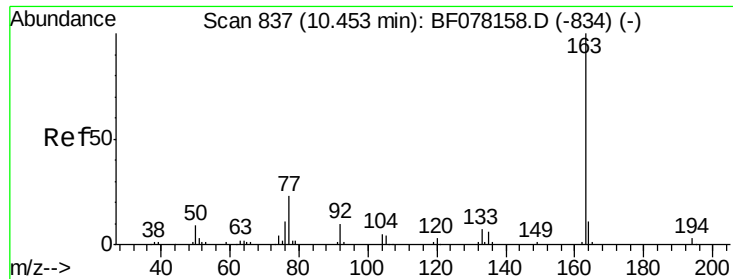
Tgt Ion: 65 Resp: 52088
Ion Ratio Lower Upper
65 100
92 67.8 51.3 76.9
138 94.5 70.4 105.6



#48
Acenaphthylene
Concen: 39.49 ng
RT: 10.54 min Scan# 845
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion: 152 Resp: 312973
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.8 10.2 15.2

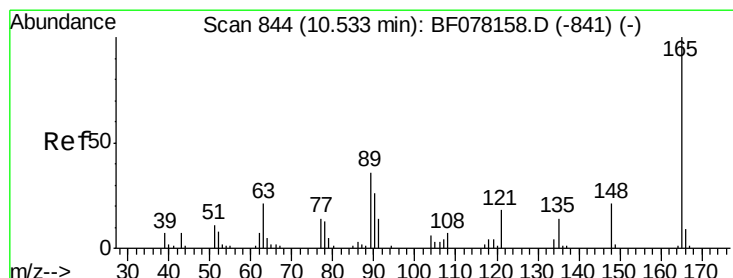
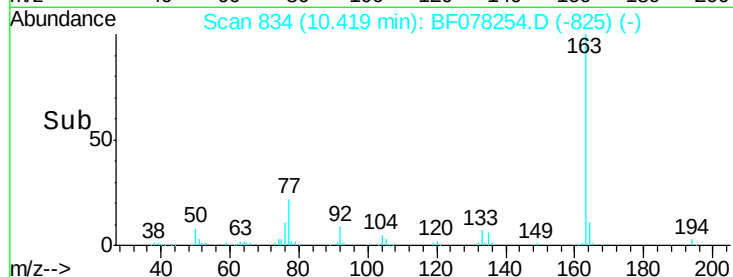
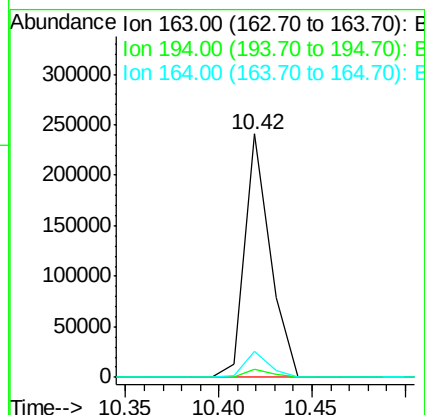
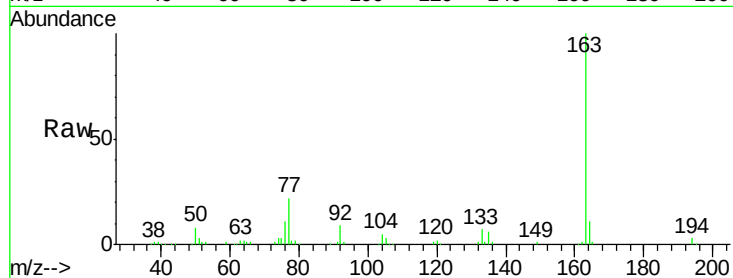




#49
Dimethylphthalate
Concen: 40.06 ng
RT: 10.42 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

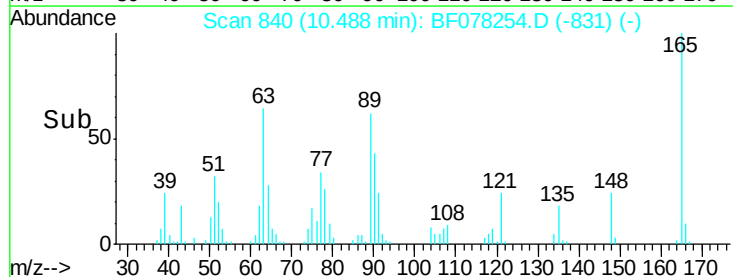
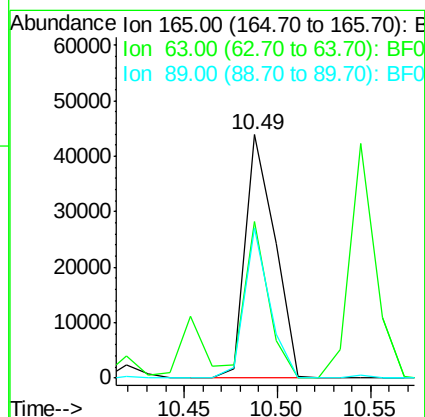
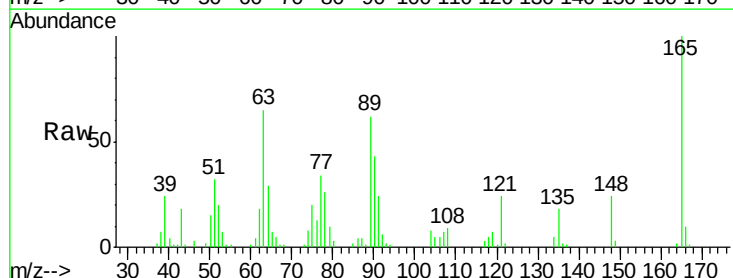
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

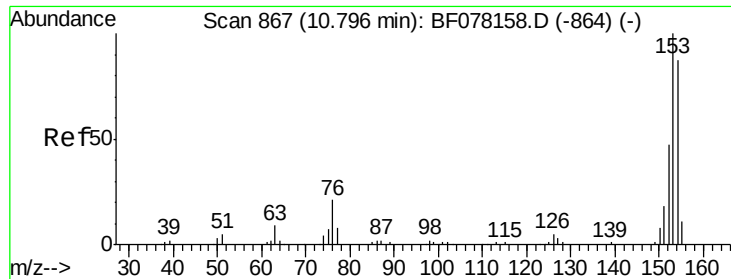
Tgt Ion:163 Resp: 229543
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.6 8.6 13.0



#50
2,6-Dinitrotoluene
Concen: 40.84 ng
RT: 10.49 min Scan# 840
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:165 Resp: 48144
Ion Ratio Lower Upper
165 100
63 64.6 24.1 36.1#
89 61.9 28.9 43.3#

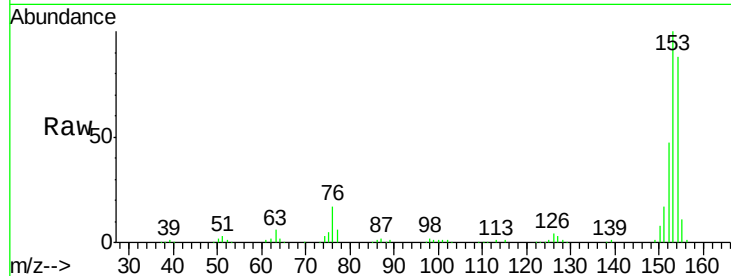




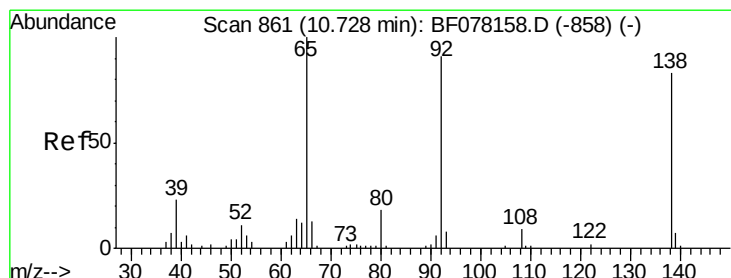
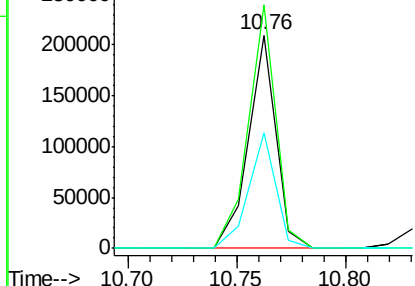
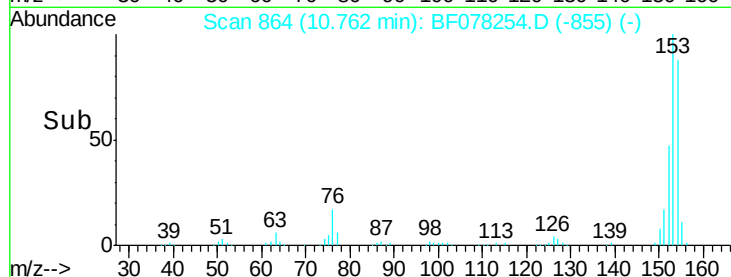
#51
Acenaphthene
Concen: 41.18 ng
RT: 10.76 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:154 Resp: 183743
Ion Ratio Lower Upper
154 100
153 114.0 91.4 137.2
152 53.9 43.0 64.6

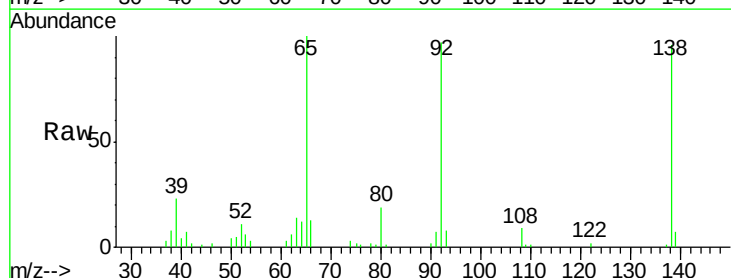


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

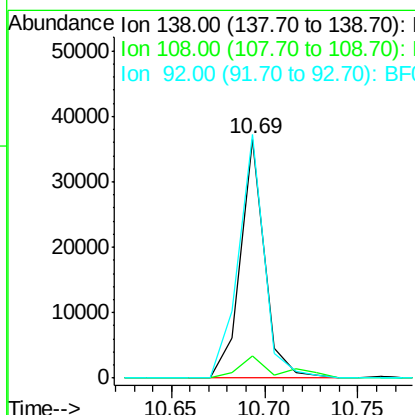
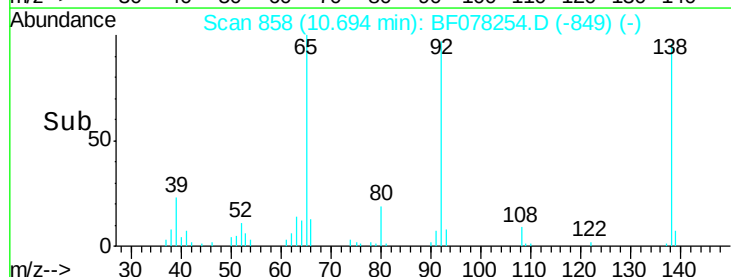


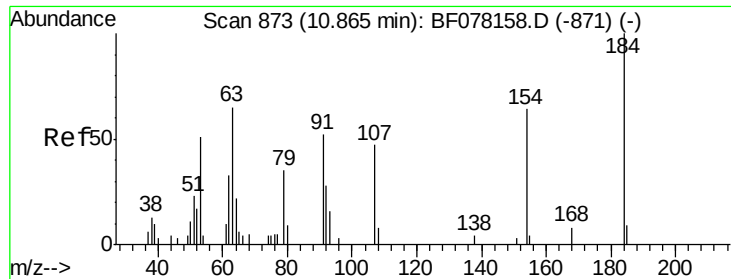
#52
3-Nitroaniline
Concen: 24.68 ng
RT: 10.69 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:138 Resp: 33077
Ion Ratio Lower Upper
138 100
108 9.2 8.2 12.4
92 102.0 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

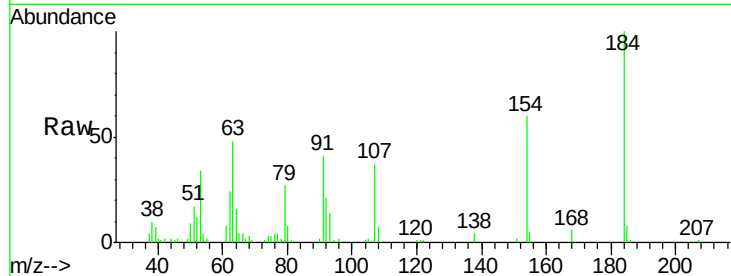




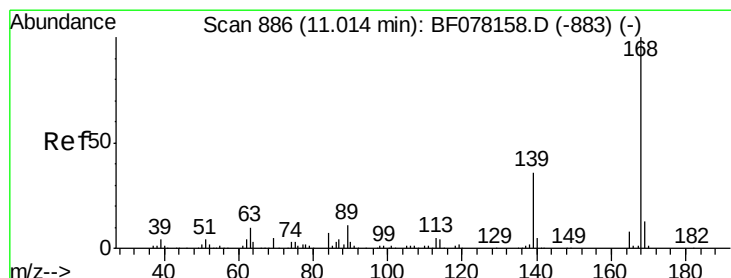
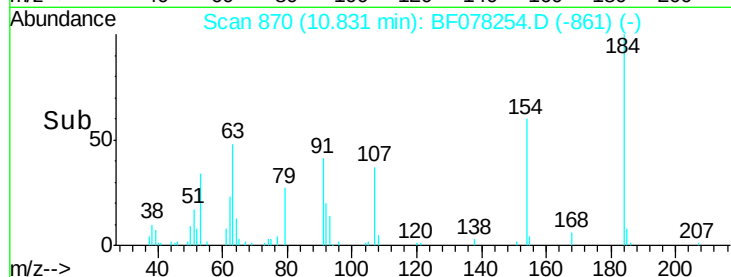
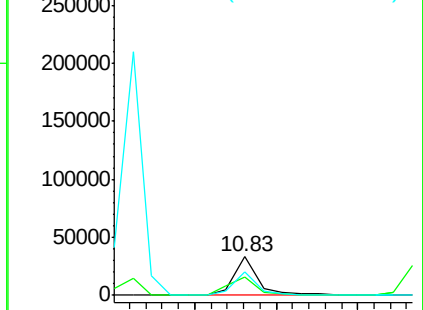
#53
 2,4-Dinitrophenol
 Concen: 75.91 ng
 RT: 10.83 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:184 Resp: 33910
 Ion Ratio Lower Upper
 184 100
 63 48.1 51.9 77.9#
 154 59.6 51.0 76.4

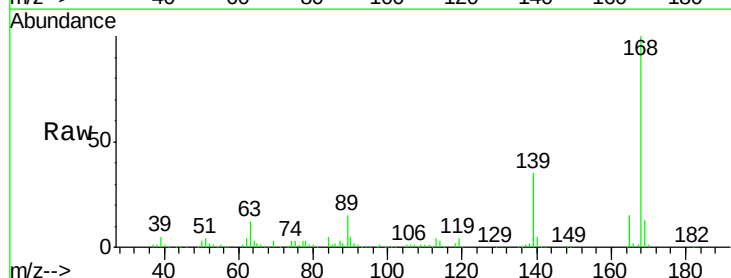


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

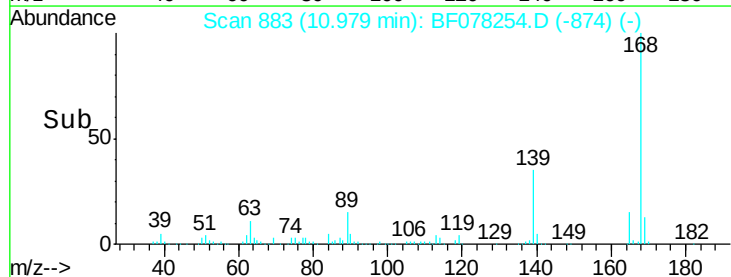
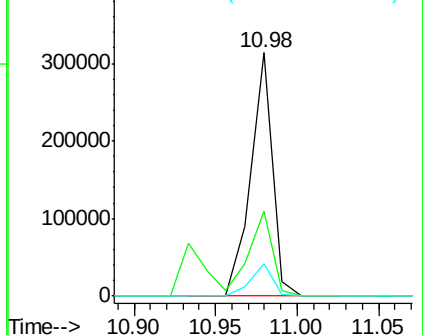


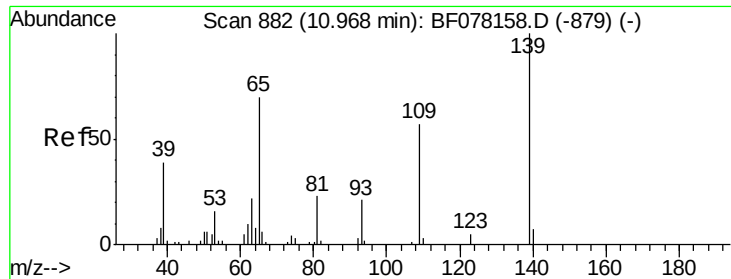
#54
 Dibenzofuran
 Concen: 42.62 ng
 RT: 10.98 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:168 Resp: 290481
 Ion Ratio Lower Upper
 168 100
 139 35.1 31.0 46.4
 169 13.1 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

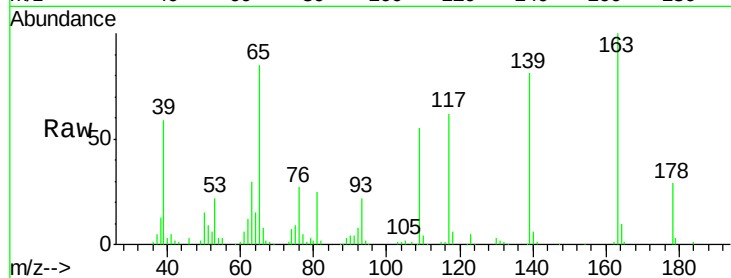




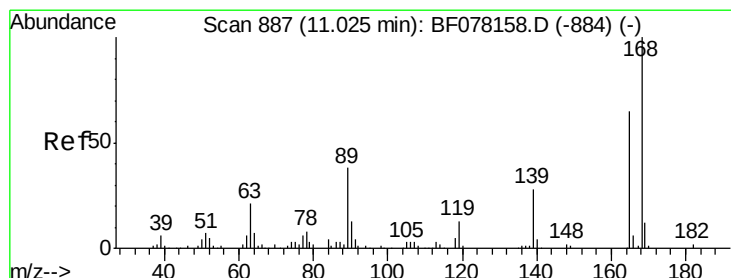
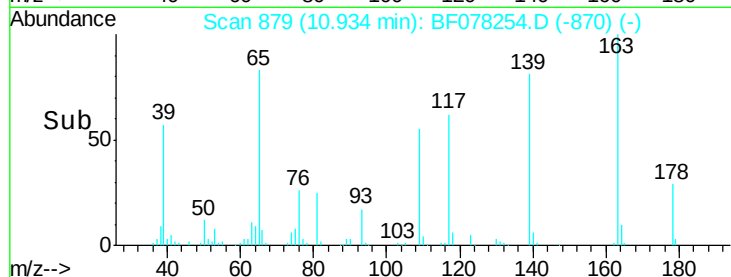
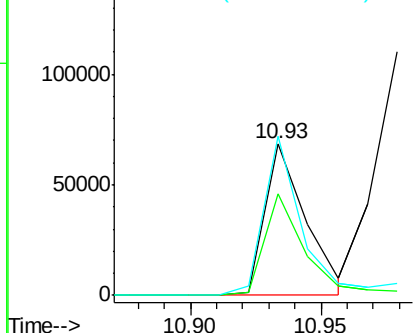
#55
4-Nitrophenol
Concen: 76.26 ng
RT: 10.93 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:139 Resp: 75132
Ion Ratio Lower Upper
139 100
109 67.3 36.7 76.7
65 104.9 49.9 89.9#



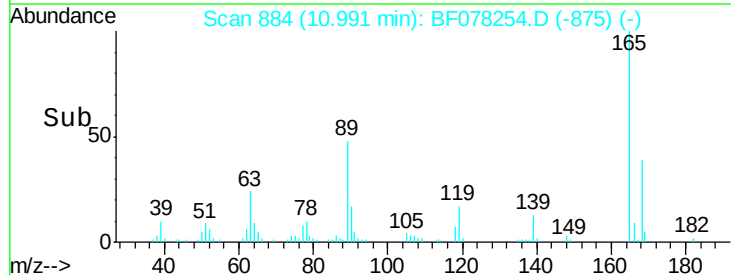
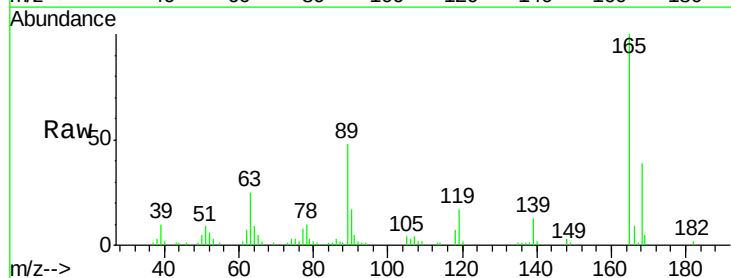
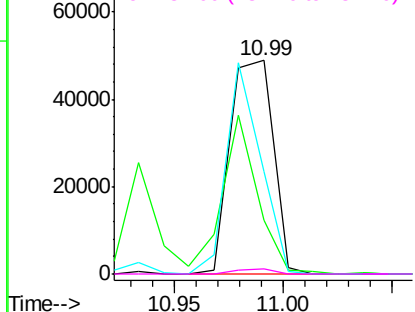
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

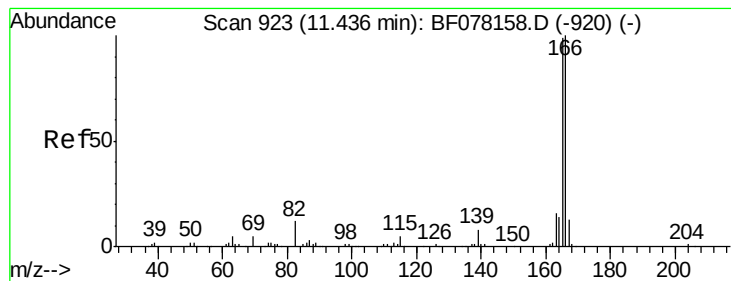


#56
2,4-Dinitrotoluene
Concen: 44.16 ng
RT: 10.99 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:165 Resp: 67418
Ion Ratio Lower Upper
165 100
63 25.3 26.5 39.7#
89 47.9 46.4 69.6
182 2.2 2.0 3.0

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 43.58 ng

RT: 11.40 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

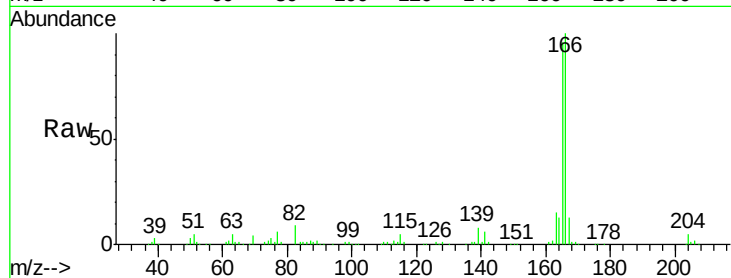
Tgt Ion:166 Resp: 240775

Ion Ratio Lower Upper

166 100

165 95.9 78.9 118.3

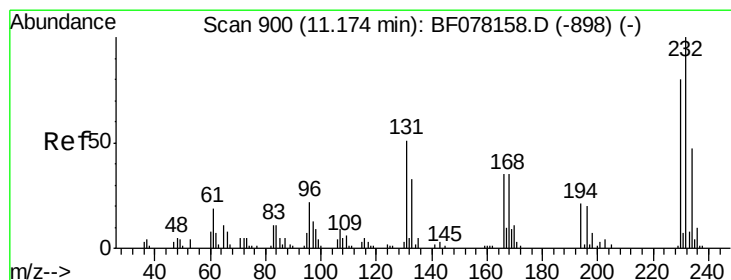
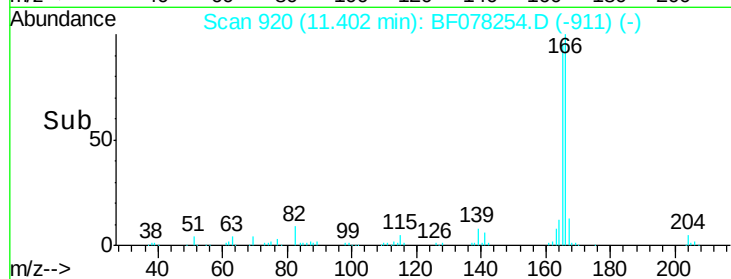
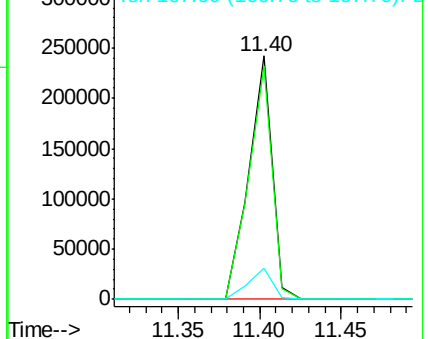
167 12.7 10.7 16.1



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: 45.57 ng

RT: 11.14 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Tgt Ion:232 Resp: 52592

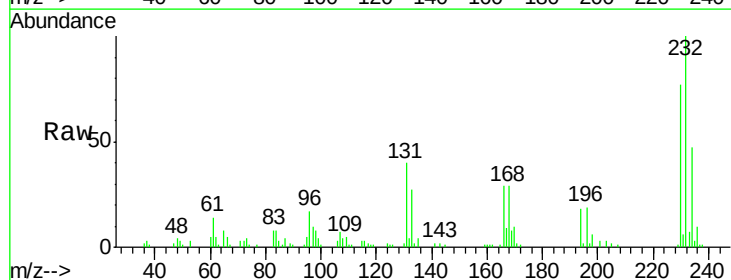
Ion Ratio Lower Upper

232 100

131 45.7 37.8 56.8

130 2.1 1.5 2.3

166 31.9 25.8 38.6

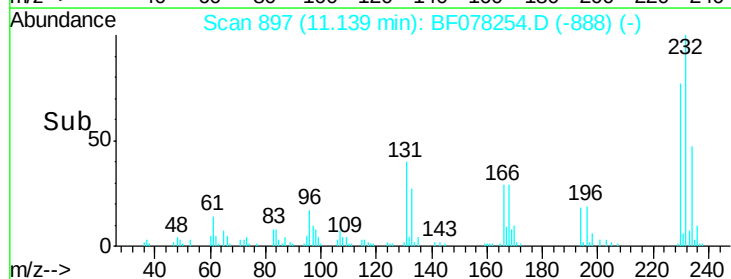
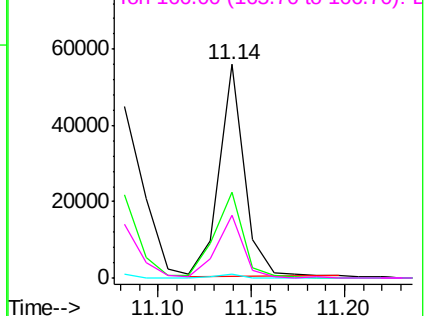


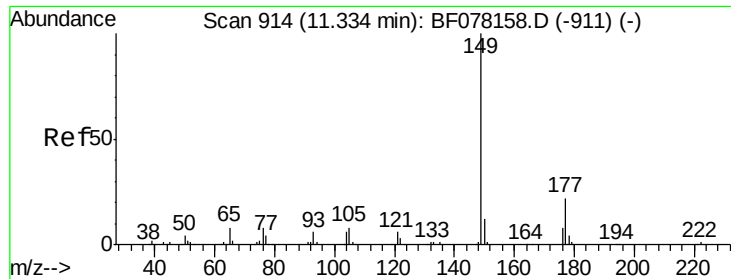
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

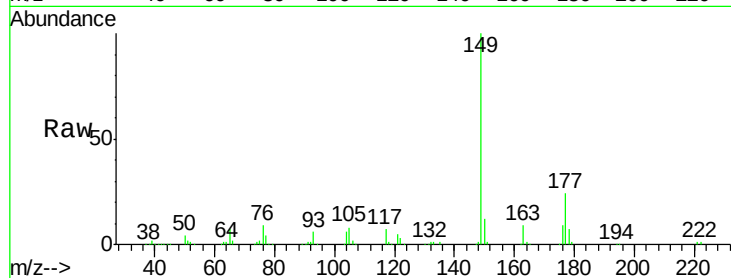




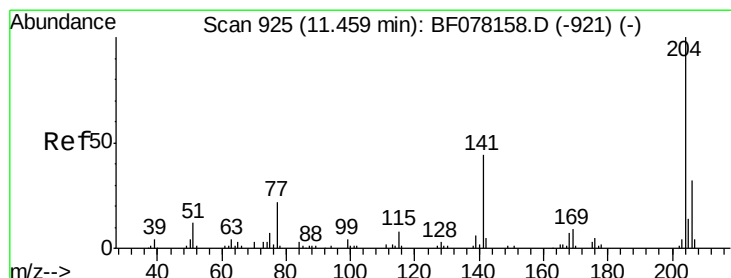
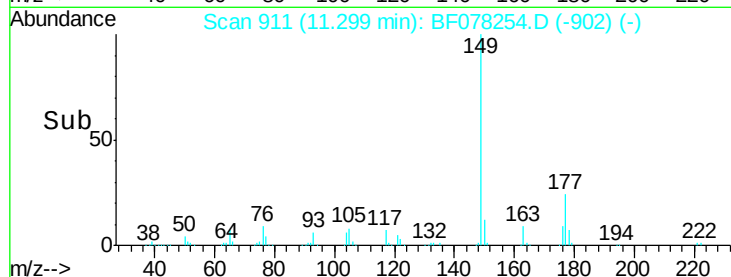
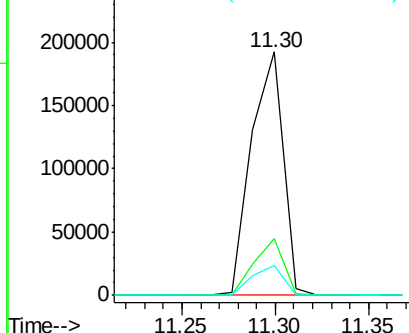
#59
Diethylphthalate
Concen: 41.02 ng
RT: 11.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:149 Resp: 226633
Ion Ratio Lower Upper
149 100
177 23.5 17.4 26.2
150 12.2 9.4 14.2

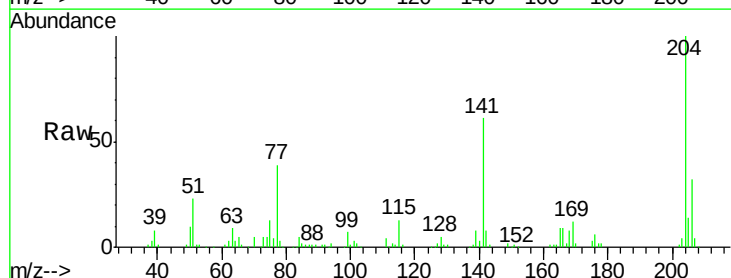


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

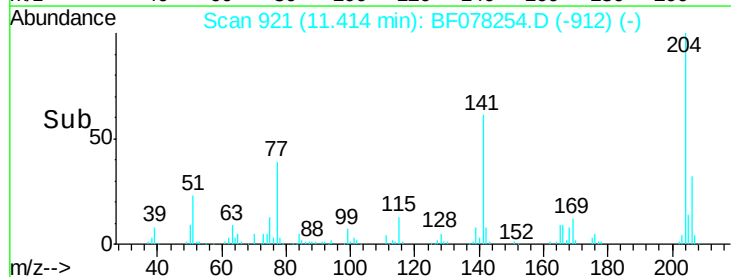
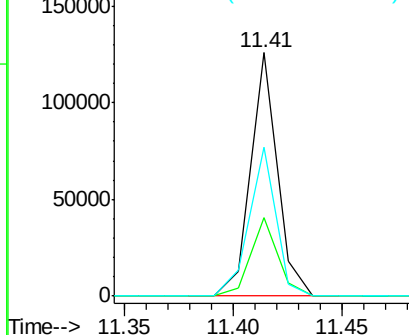


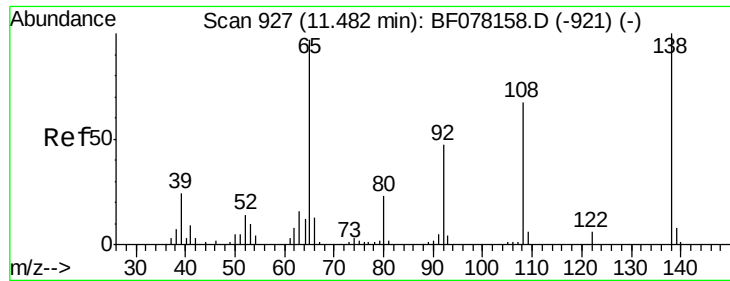
#60
4-Chlorophenyl-phenylether
Concen: 42.30 ng
RT: 11.41 min Scan# 921
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:204 Resp: 107490
Ion Ratio Lower Upper
204 100
206 32.4 25.6 38.4
141 61.0 35.4 53.0#



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

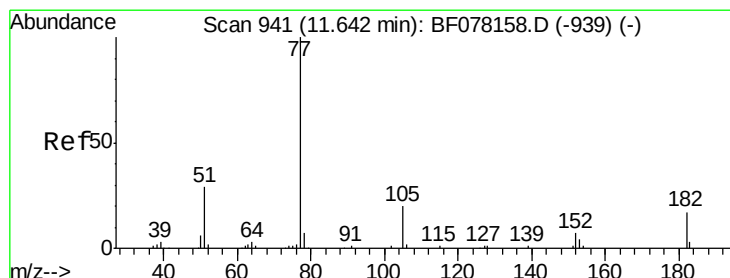
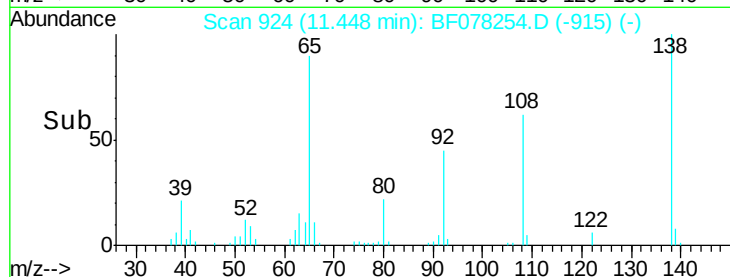
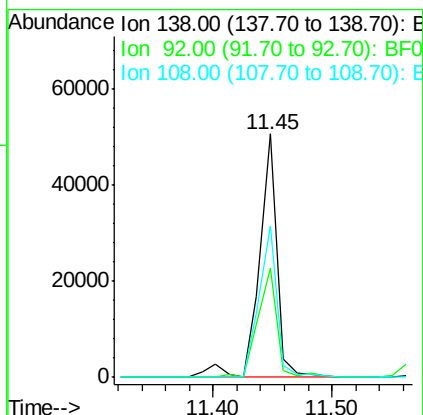
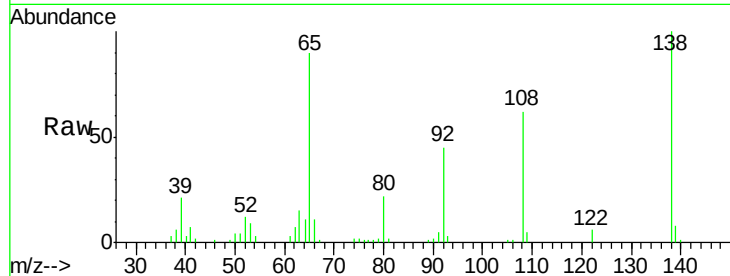




#61
4-Nitroaniline
Concen: 39.27 ng
RT: 11.45 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

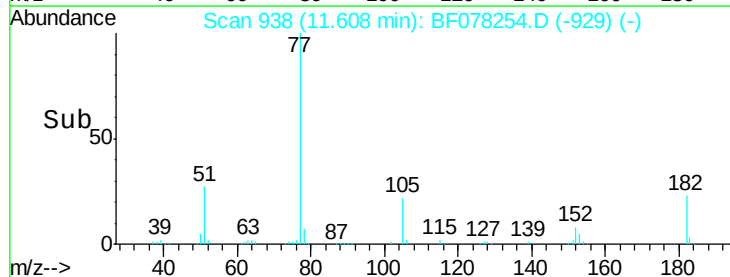
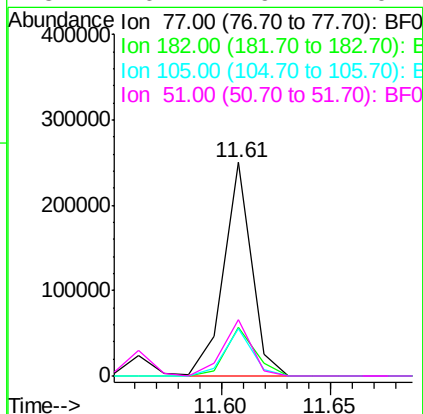
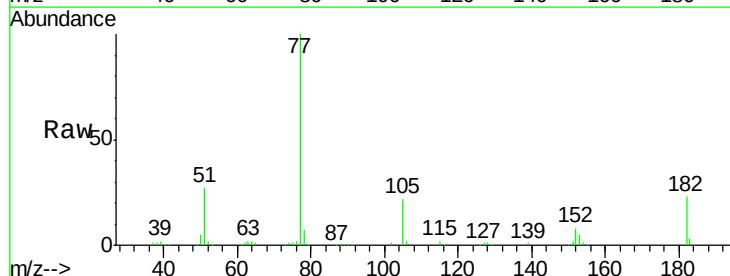
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

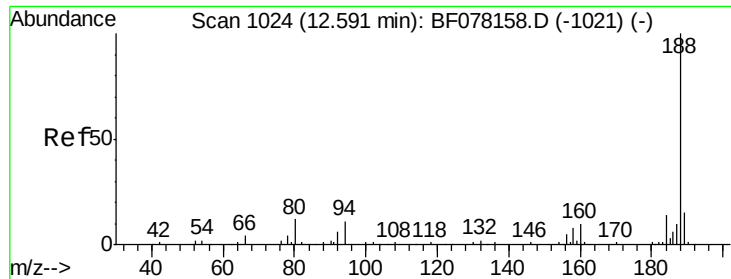
Tgt Ion: 138 Resp: 53206
Ion Ratio Lower Upper
138 100
92 44.7 27.3 67.3
108 62.2 47.2 87.2



#62
Azobenzene
Concen: 43.95 ng
RT: 11.61 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion: 77 Resp: 221588
Ion Ratio Lower Upper
77 100
182 22.6 0.0 36.8
105 22.4 0.3 40.3
51 26.7 9.1 49.1

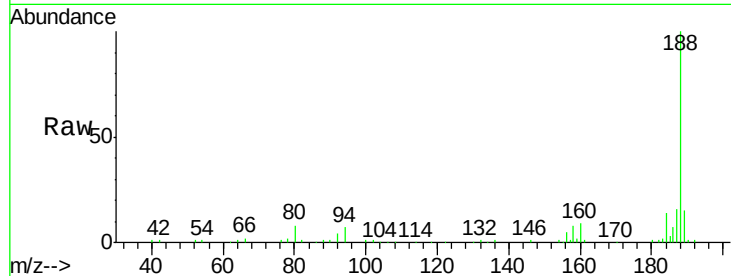




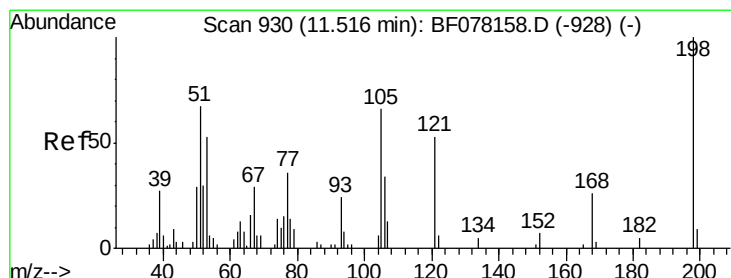
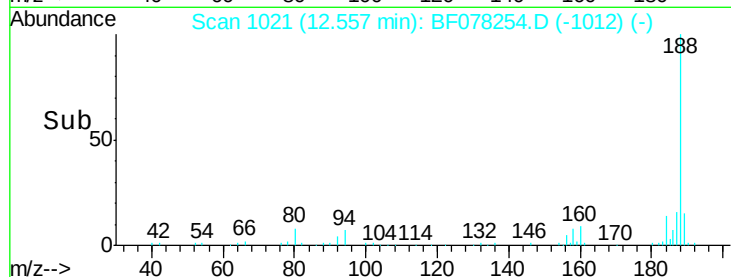
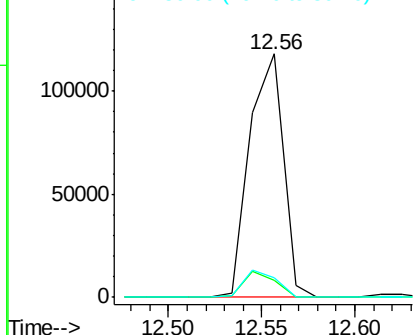
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:188 Resp: 147863
 Ion Ratio Lower Upper
 188 100
 94 7.3 9.0 13.4#
 80 7.9 9.5 14.3#

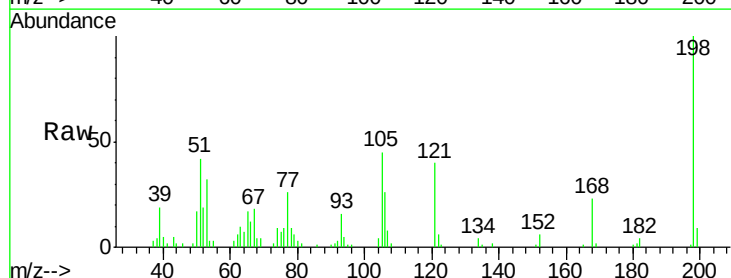


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

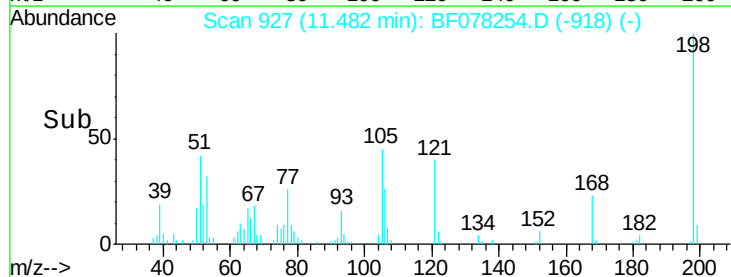
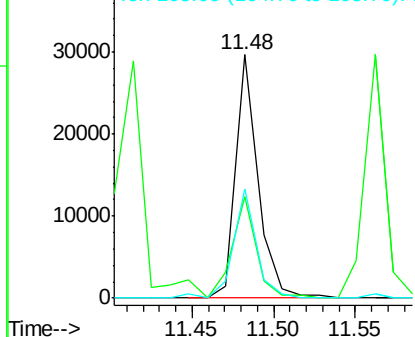


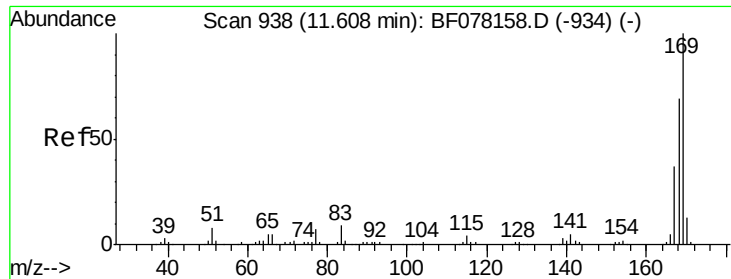
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.74 ng
 RT: 11.48 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:198 Resp: 27849
 Ion Ratio Lower Upper
 198 100
 51 41.5 48.6 88.6#
 105 45.1 45.8 85.8#



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

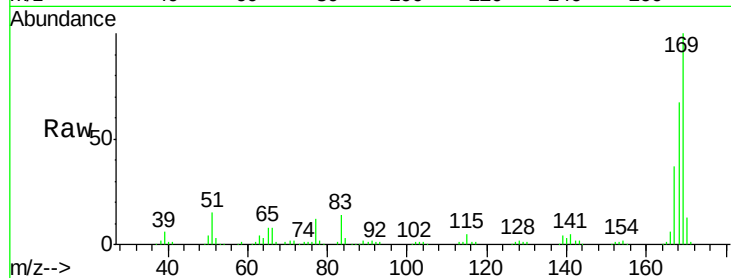




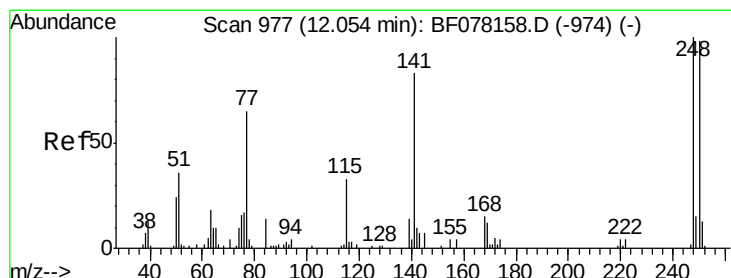
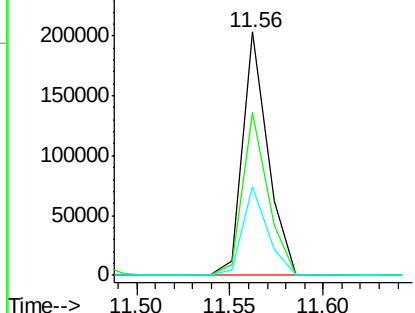
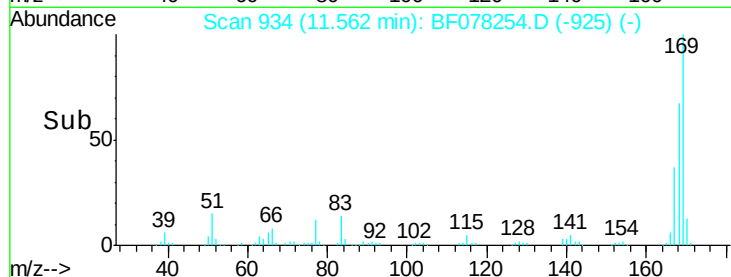
#65
 n-Nitrosodiphenylamine
 Concen: 37.43 ng
 RT: 11.56 min Scan# 934
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion:169 Resp: 191460
 Ion Ratio Lower Upper
 169 100
 168 67.0 55.0 82.4
 167 36.6 29.3 43.9

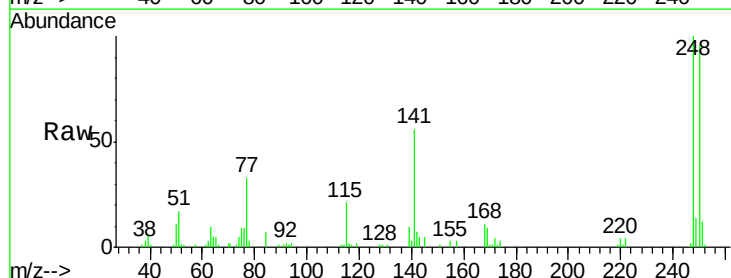


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

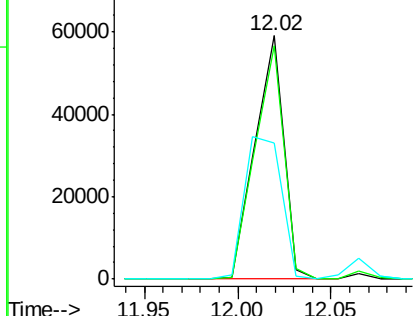
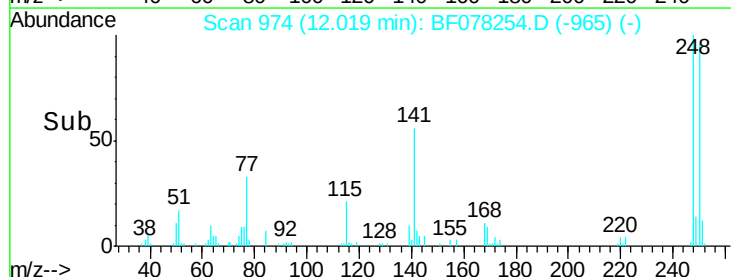


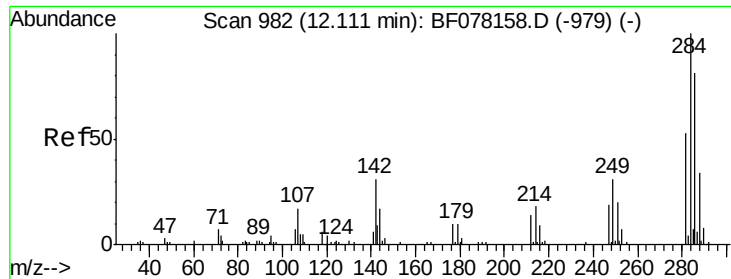
#66
 4-Bromophenyl-phenylether
 Concen: 40.06 ng
 RT: 12.02 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:248 Resp: 62724
 Ion Ratio Lower Upper
 248 100
 250 95.7 78.2 117.2
 141 55.9 66.4 99.6#



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

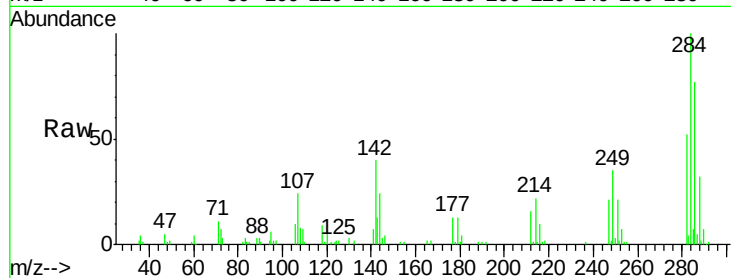




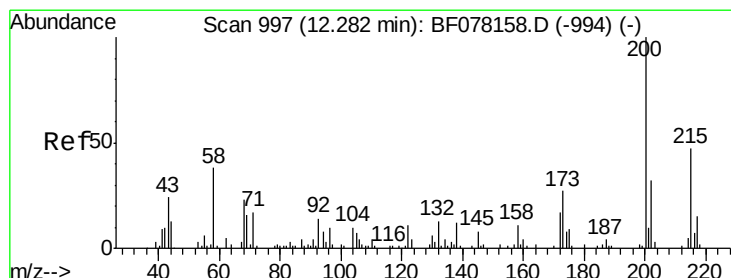
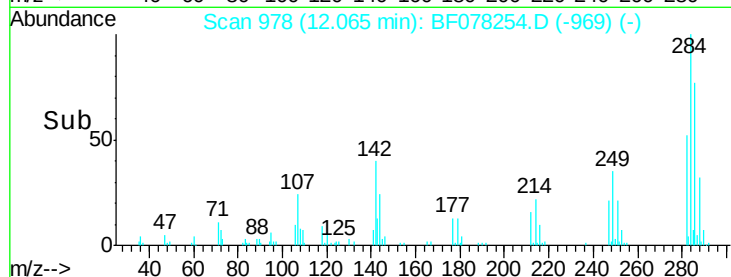
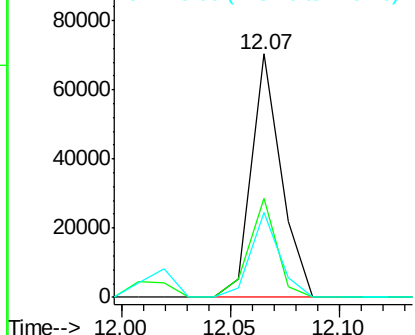
#67
Hexachlorobenzene
Concen: 38.94 ng
RT: 12.07 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:284 Resp: 66823
Ion Ratio Lower Upper
284 100
142 40.5 24.5 36.7#
249 34.7 24.8 37.2

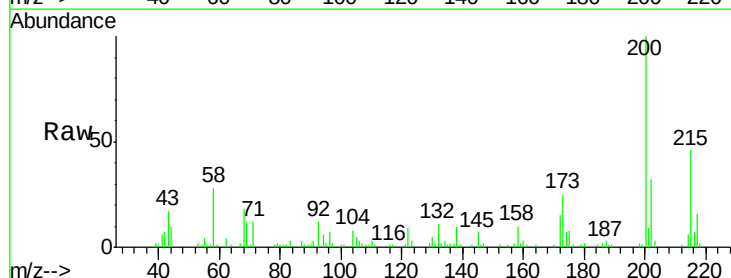


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

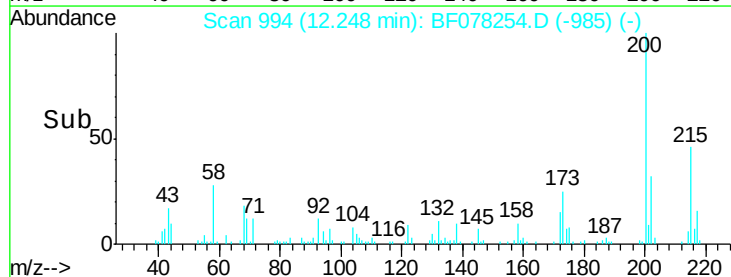
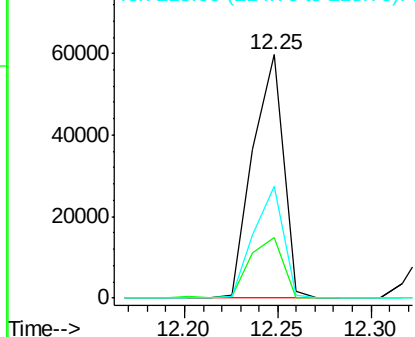


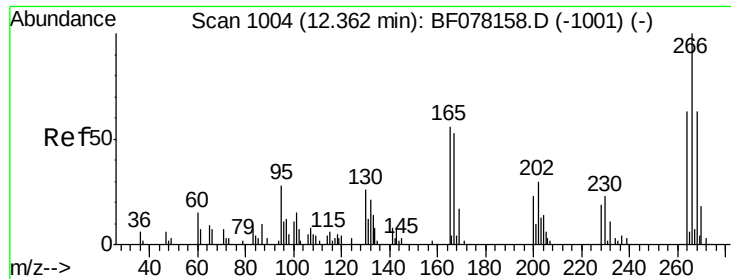
#68
Atrazine
Concen: 45.67 ng
RT: 12.25 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:200 Resp: 67649
Ion Ratio Lower Upper
200 100
173 25.1 6.9 46.9
215 46.1 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

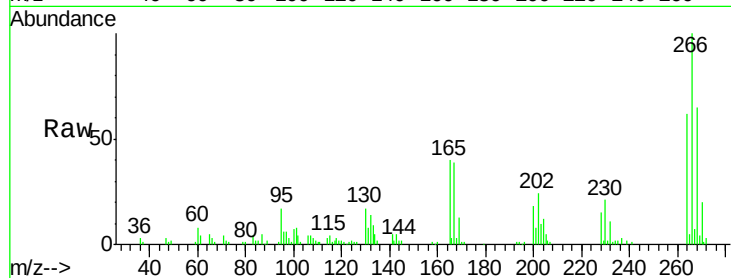




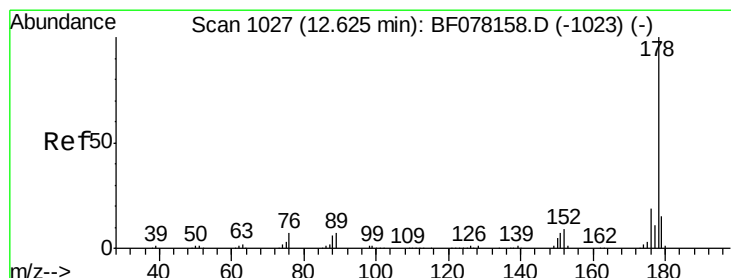
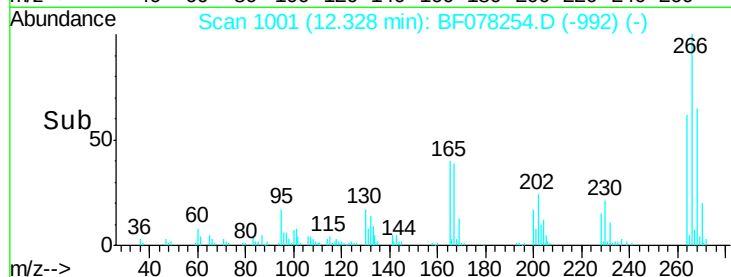
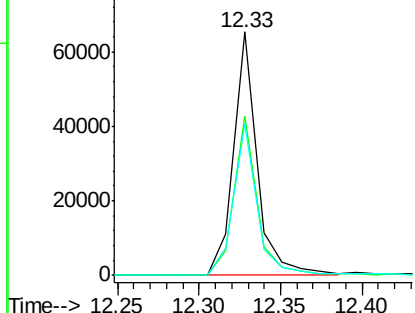
#69
 Pentachlorophenol
 Concen: 85.00 ng
 RT: 12.33 min Scan# 1001
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

Tgt Ion: 266 Resp: 65087
 Ion Ratio Lower Upper
 266 100
 268 65.2 50.1 75.1
 264 62.4 50.0 75.0

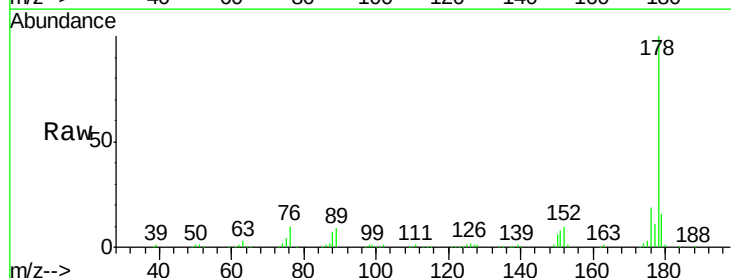


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

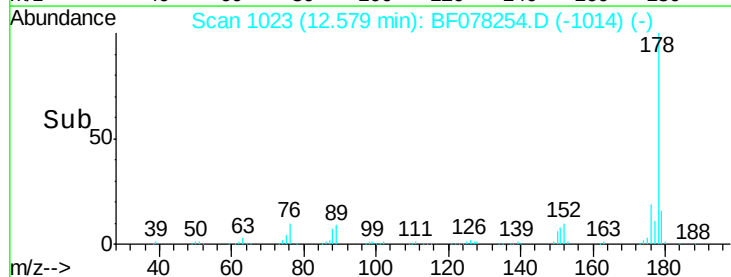
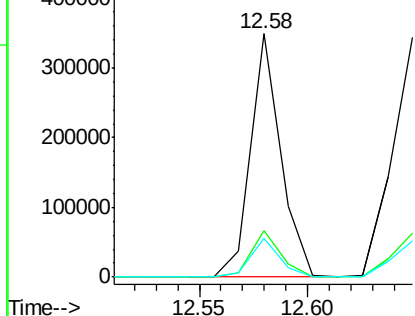


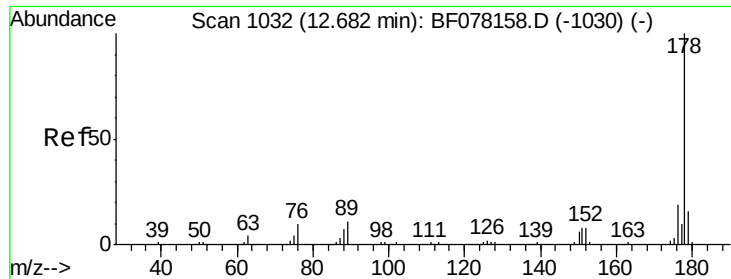
#70
 Phenanthrene
 Concen: 39.34 ng
 RT: 12.58 min Scan# 1023
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion: 178 Resp: 336468
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.4 23.0
 179 15.9 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

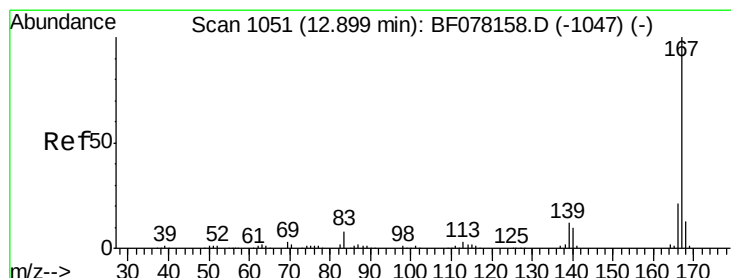
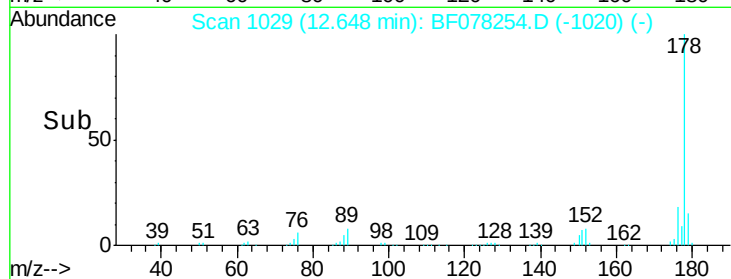
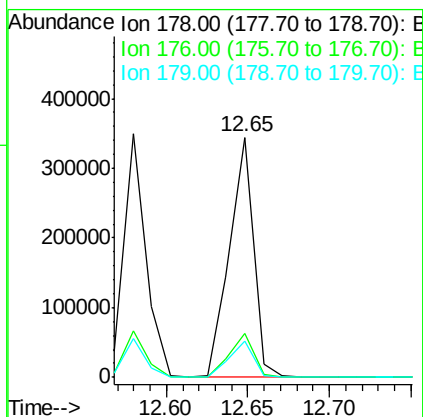
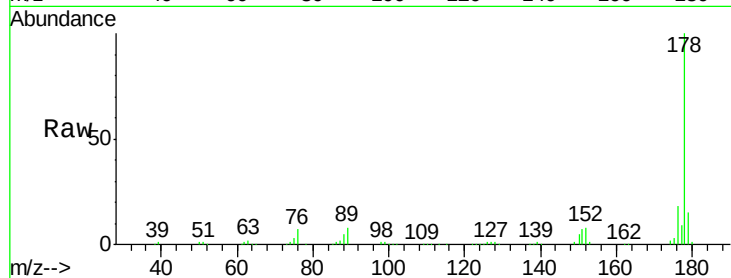




#71
 Anthracene
 Concen: 41.63 ng
 RT: 12.65 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

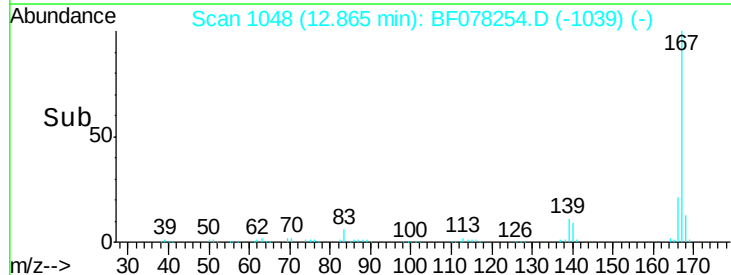
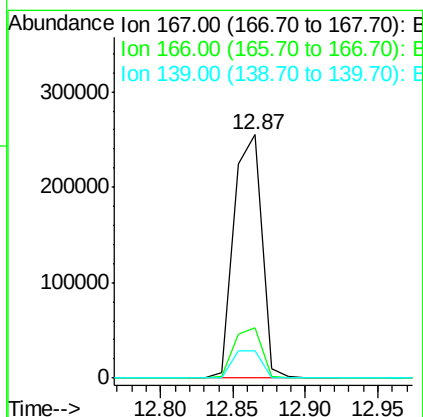
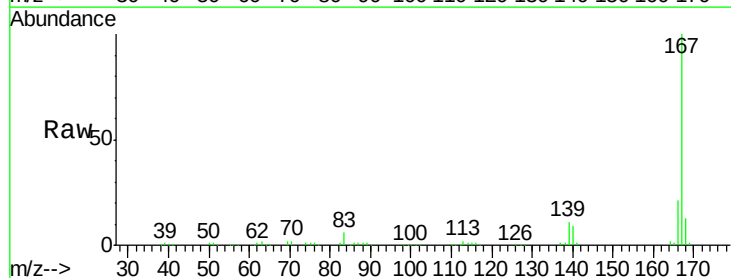
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

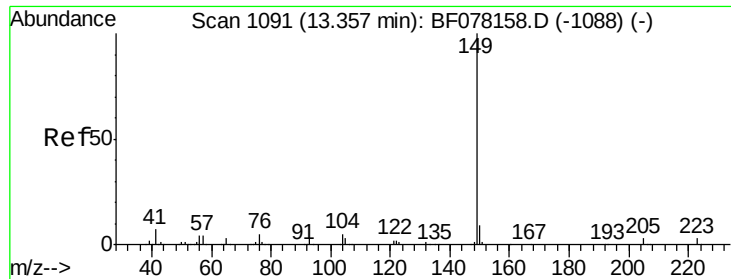
Tgt Ion:178 Resp: 350831
 Ion Ratio Lower Upper
 178 100
 176 18.5 14.8 22.2
 179 15.1 12.4 18.6



#72
 Carbazole
 Concen: 43.38 ng
 RT: 12.87 min Scan# 1048
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:167 Resp: 342630
 Ion Ratio Lower Upper
 167 100
 166 20.7 16.8 25.2
 139 11.2 10.0 15.0

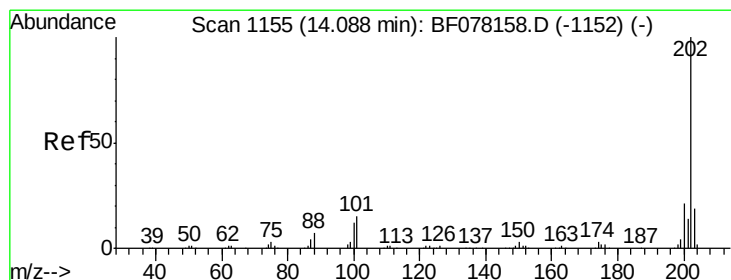
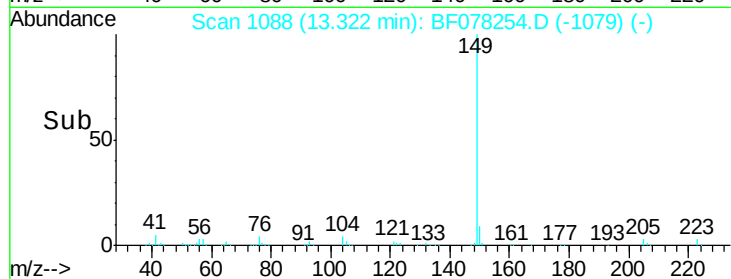
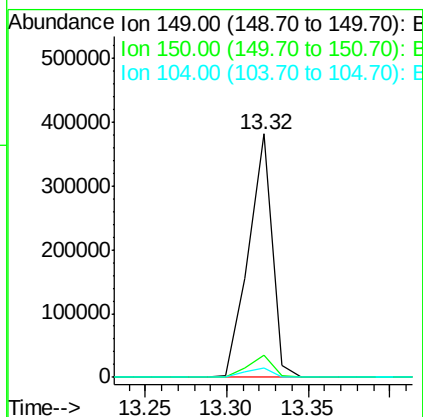
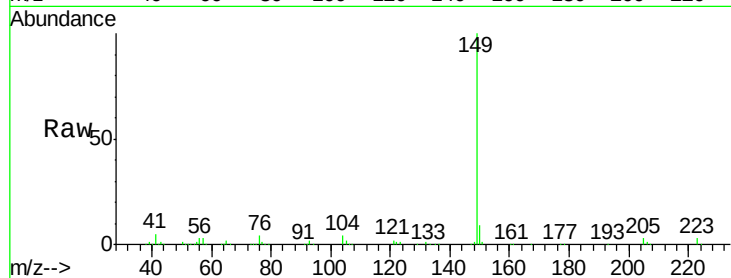




#73
Di-n-butylphthalate
Concen: 42.81 ng
RT: 13.32 min Scan# 1088
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

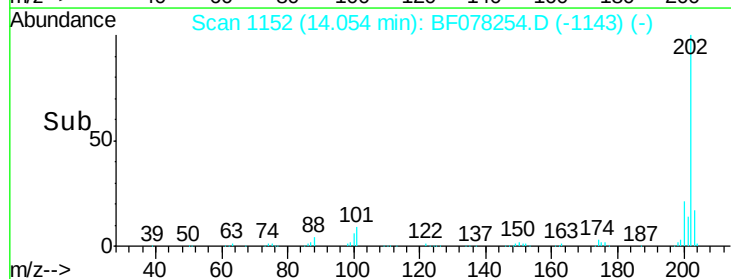
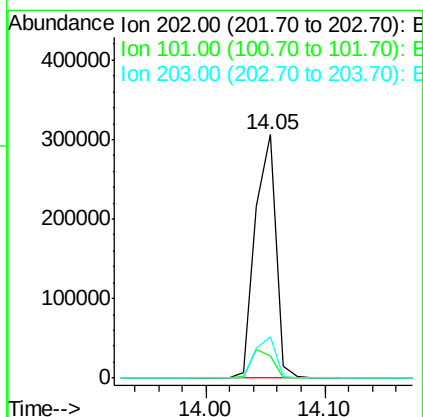
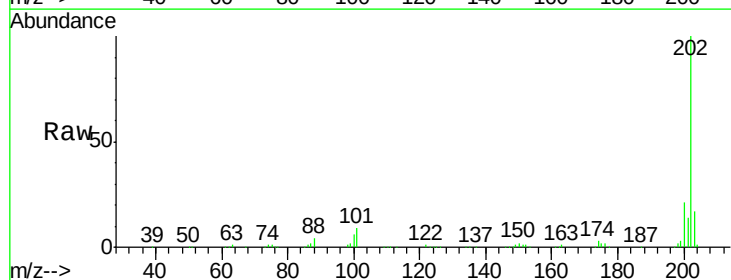
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

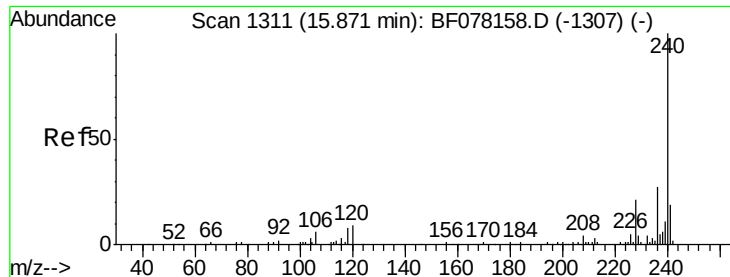
Tgt Ion:149 Resp: 383028
Ion Ratio Lower Upper
149 100
150 9.0 7.1 10.7
104 4.0 3.8 5.6



#74
Fluoranthene
Concen: 41.73 ng
RT: 14.05 min Scan# 1152
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:202 Resp: 376407
Ion Ratio Lower Upper
202 100
101 8.9 0.0 35.2
203 17.0 0.0 38.5

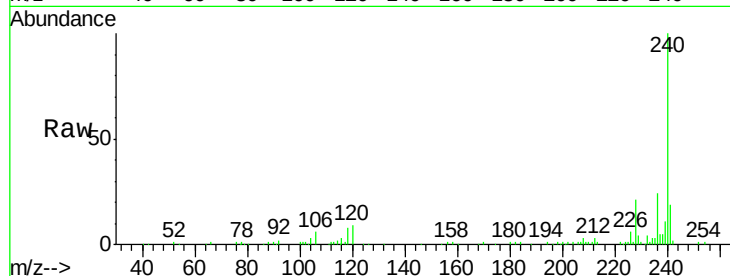




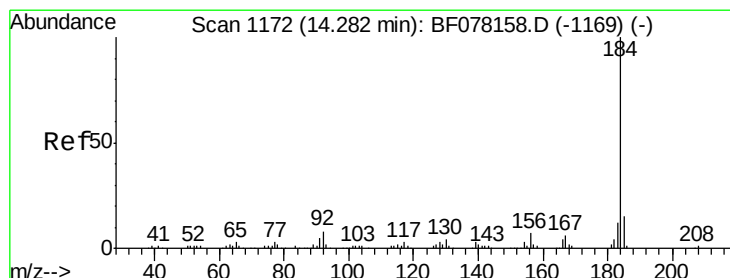
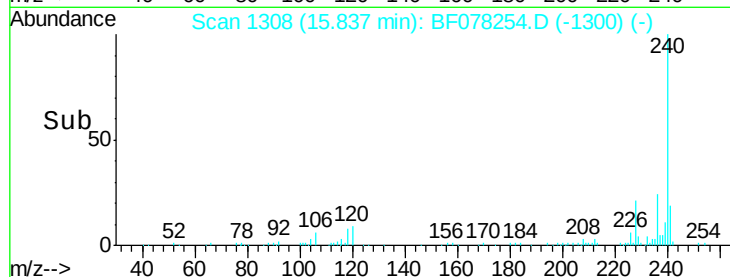
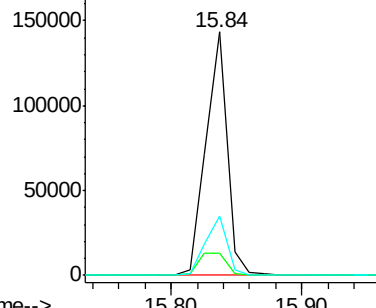
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.84 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Instrument :
BNA_F
ClientSampleId :
PB82420BSD

Tgt Ion:240 Resp: 161734
Ion Ratio Lower Upper
240 100
120 9.2 7.1 10.7
236 24.3 21.4 32.2

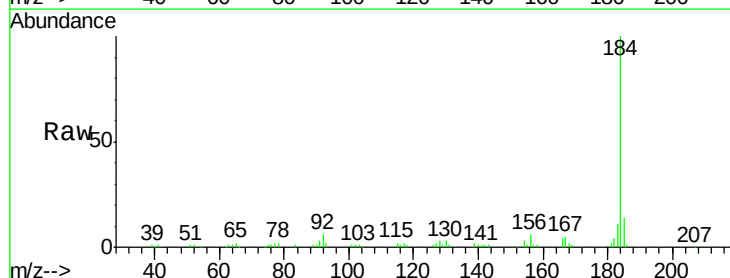


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

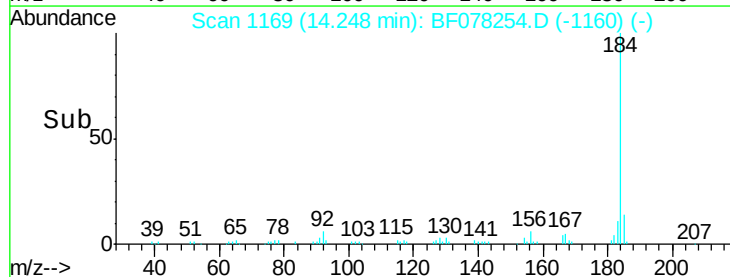
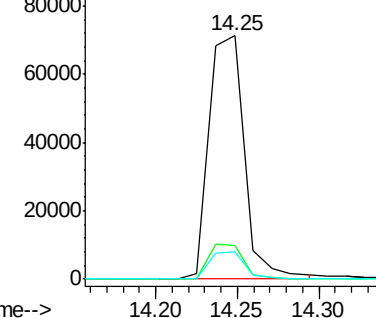


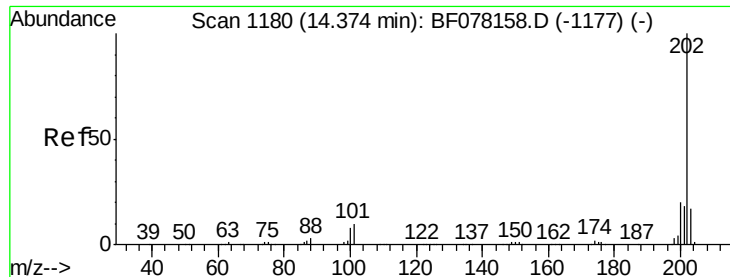
#76
Benzidine
Concen: 17.16 ng
RT: 14.25 min Scan# 1169
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:184 Resp: 106853
Ion Ratio Lower Upper
184 100
185 13.8 12.2 18.2
183 11.3 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

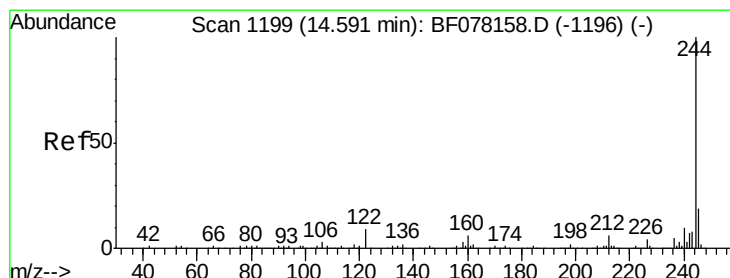
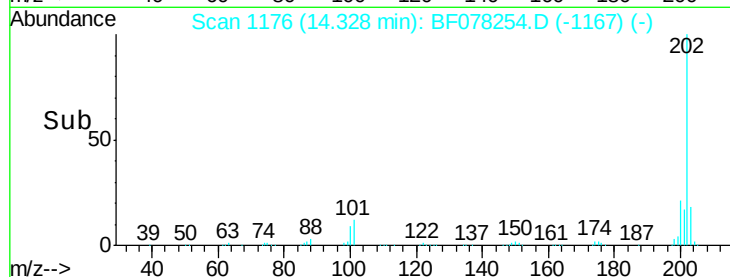
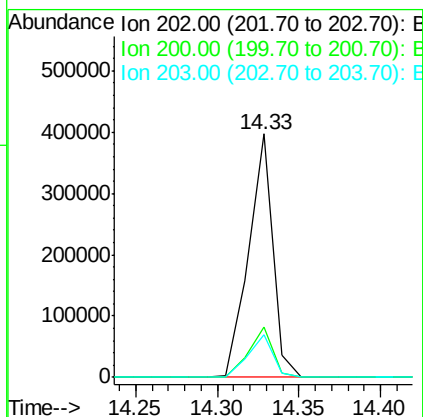
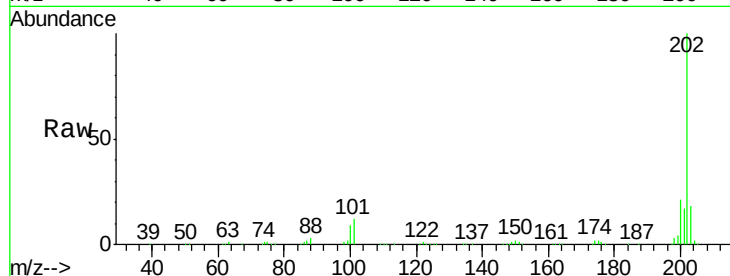




#77
 Pyrene
 Concen: 40.20 ng
 RT: 14.33 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

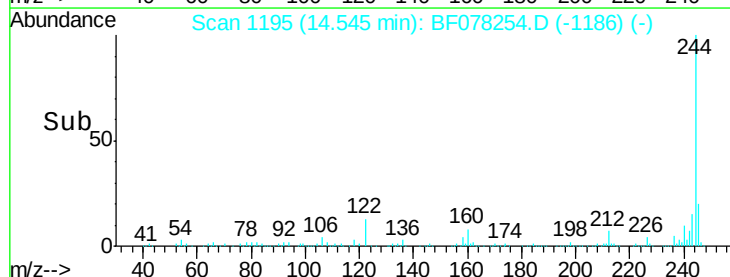
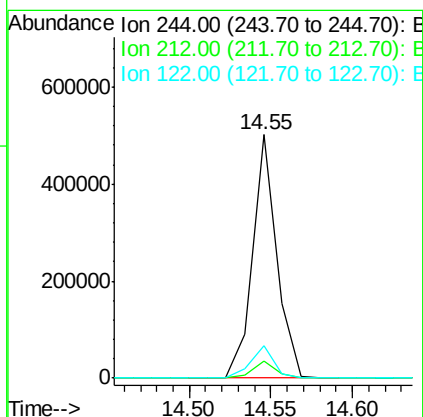
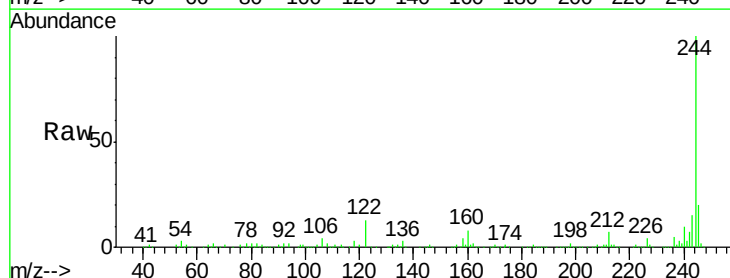
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

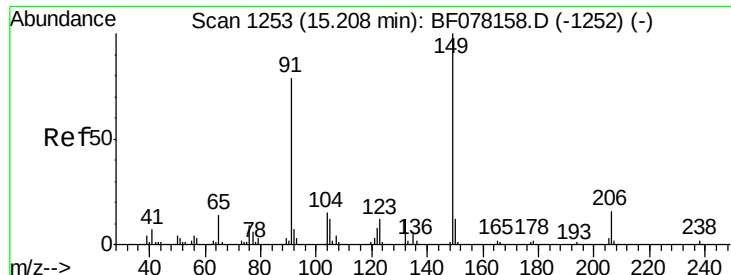
Tgt Ion: 202 Resp: 408174
 Ion Ratio Lower Upper
 202 100
 200 20.8 16.3 24.5
 203 17.7 13.8 20.6



#78
 Terphenyl-d14
 Concen: 72.11 ng
 RT: 14.55 min Scan# 1195
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion: 244 Resp: 516120
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 13.4 7.1 10.7#

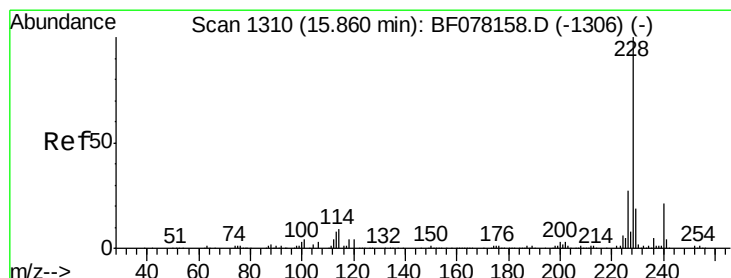
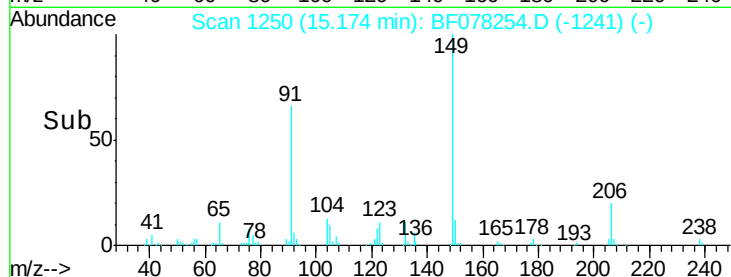
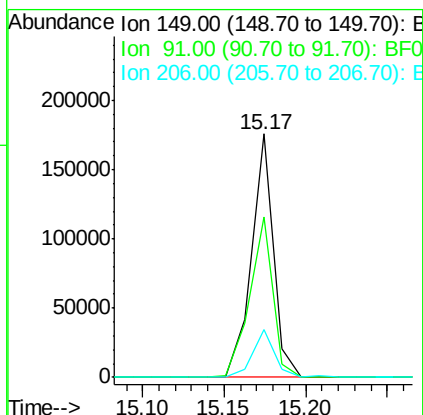
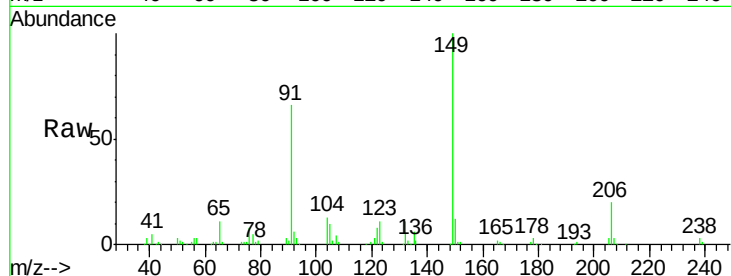




#79
Butylbenzylphthalate
Concen: 42.48 ng
RT: 15.17 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

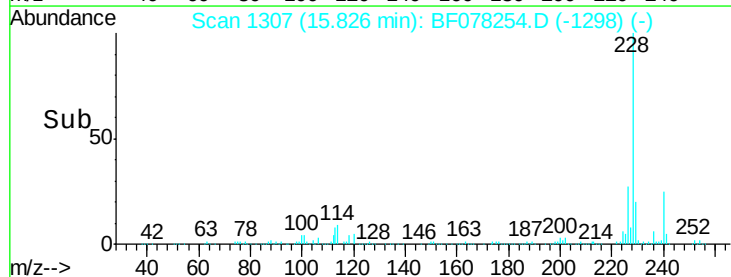
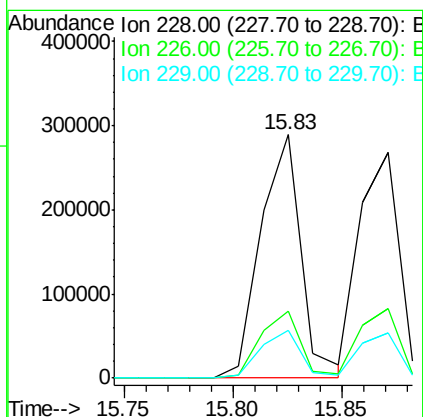
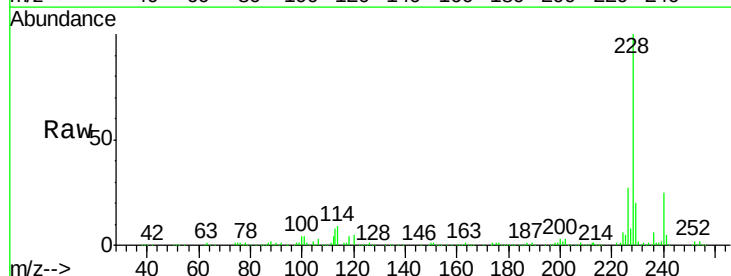
Instrument :
BNA_F
ClientSampleId :
PB82420BSD

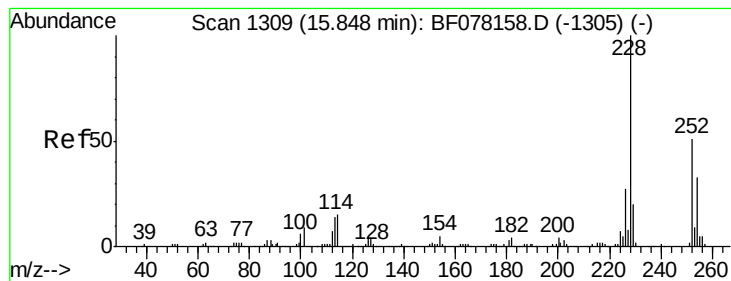
Tgt Ion:149 Resp: 164370
Ion Ratio Lower Upper
149 100
91 65.6 64.2 96.2
206 19.6 12.6 18.8#



#80
Benzo(a)anthracene
Concen: 39.12 ng
RT: 15.83 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BF078254.D
Acq: 6 Apr 2015 13:55

Tgt Ion:228 Resp: 376464
Ion Ratio Lower Upper
228 100
226 27.3 21.3 31.9
229 19.6 15.4 23.2

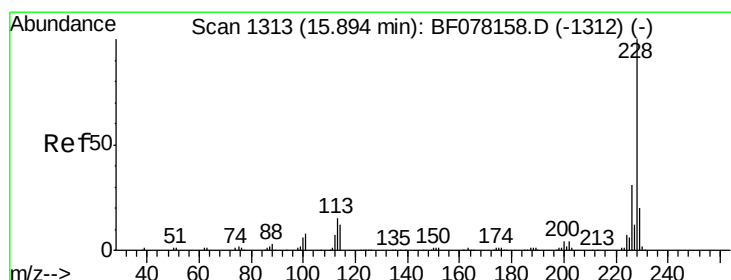
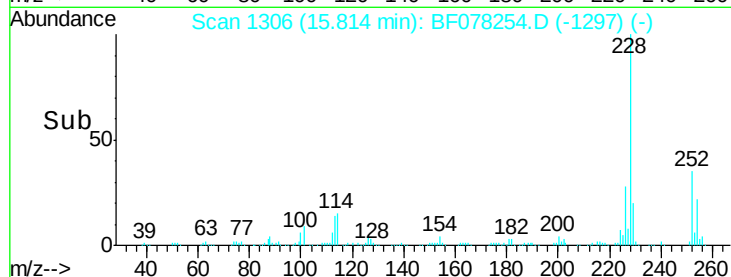
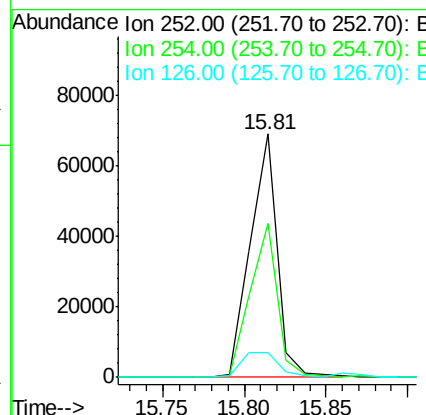
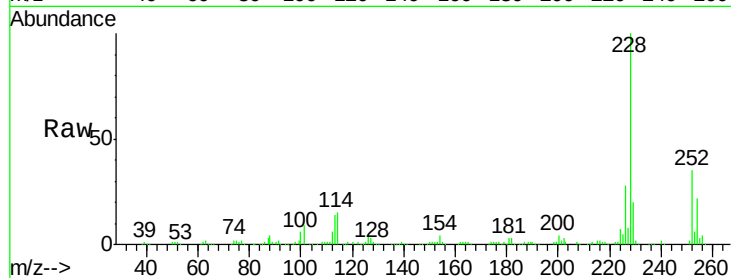




#81
 3,3'-Dichlorobenzidine
 Concen: 24.53 ng
 RT: 15.81 min Scan# 1306
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

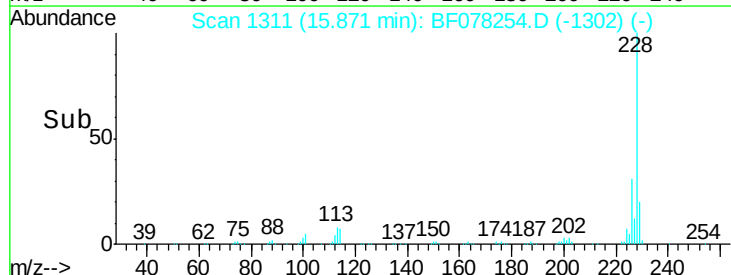
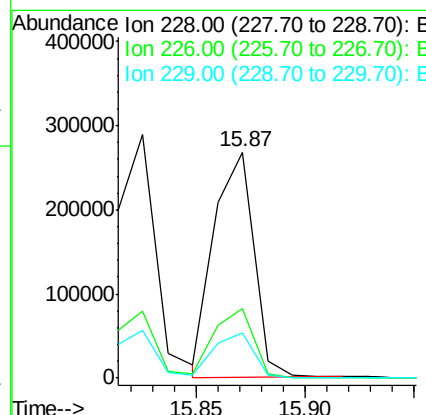
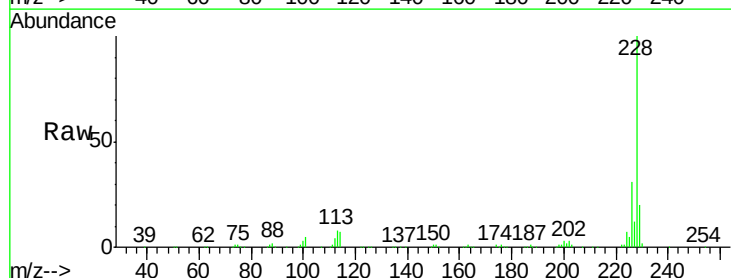
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

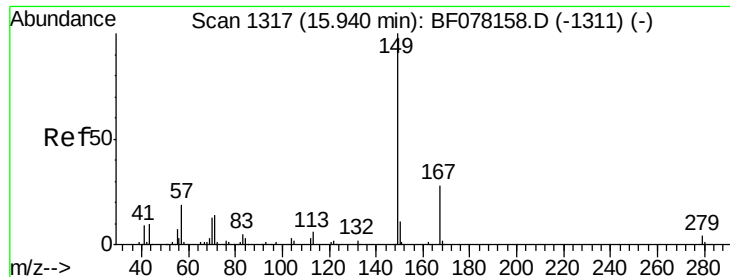
Tgt Ion:252 Resp: 79059
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.2 76.8
 126 10.1 6.3 9.5#



#82
 Chrysene
 Concen: 37.81 ng
 RT: 15.87 min Scan# 1311
 Delta R.T. 0.00 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:228 Resp: 341808
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.2 36.4
 229 19.7 15.8 23.8

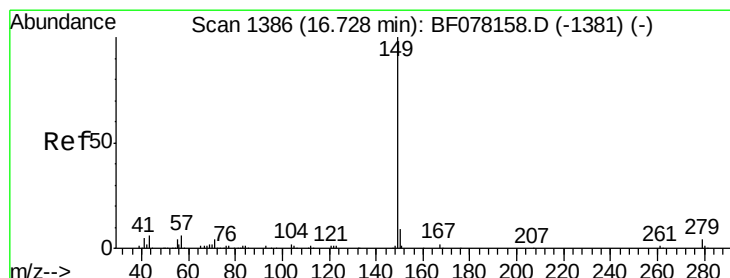
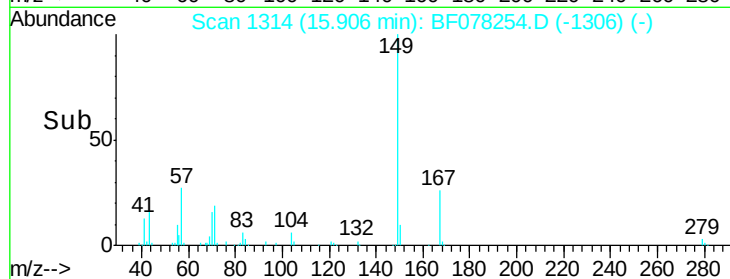
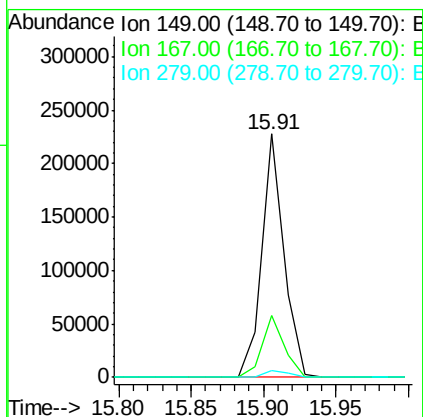
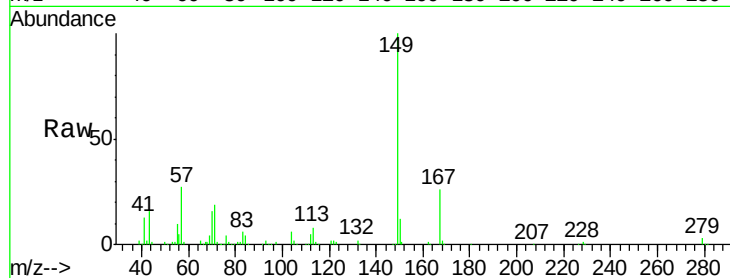




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.87 ng
 RT: 15.91 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

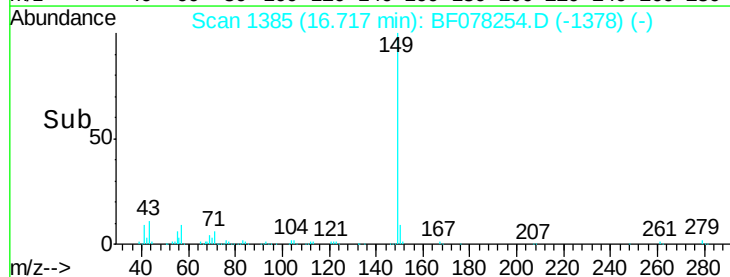
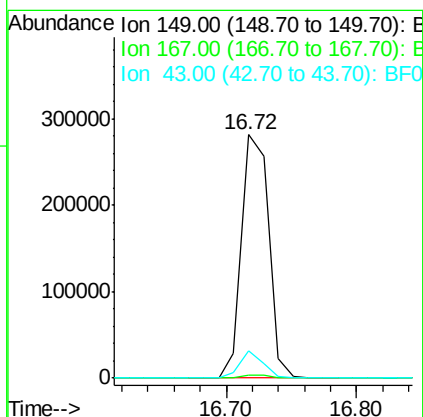
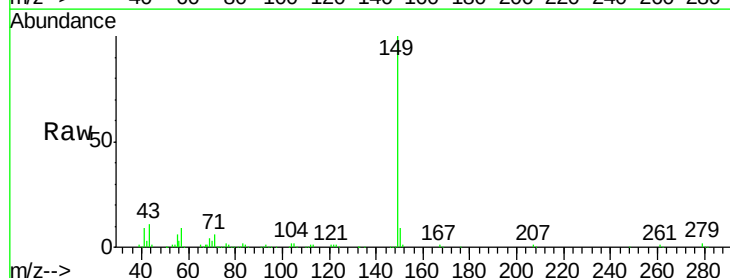
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

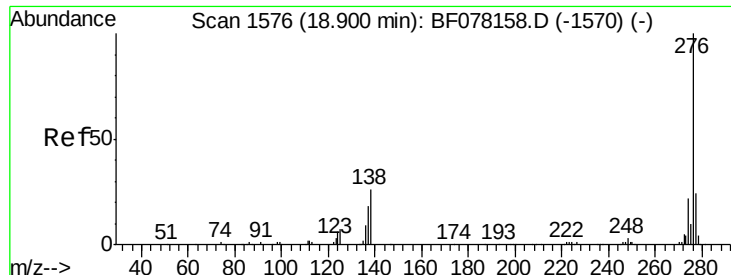
Tgt Ion:149 Resp: 241983
 Ion Ratio Lower Upper
 149 100
 167 25.6 22.2 33.2
 279 2.8 3.2 4.8#



#84
 Di-n-octyl phthalate
 Concen: 40.89 ng
 RT: 16.72 min Scan# 1385
 Delta R.T. -0.02 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:149 Resp: 407480
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 9.4 0.0 0.0#

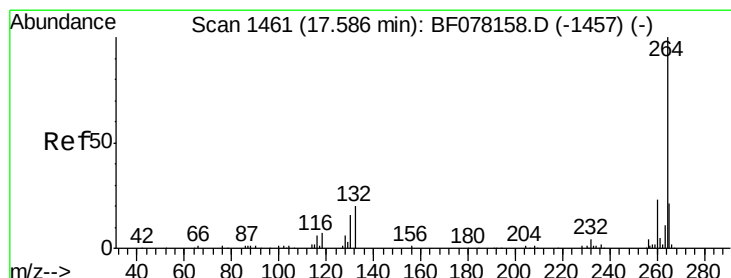
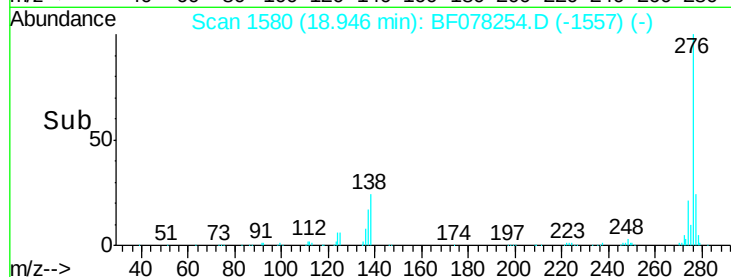
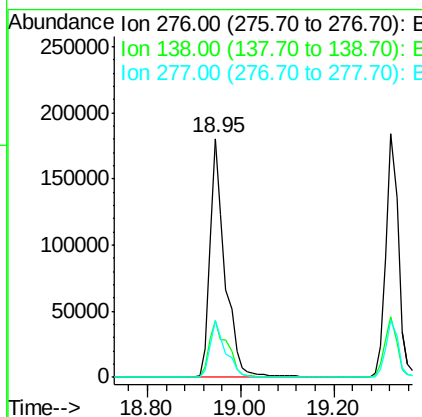
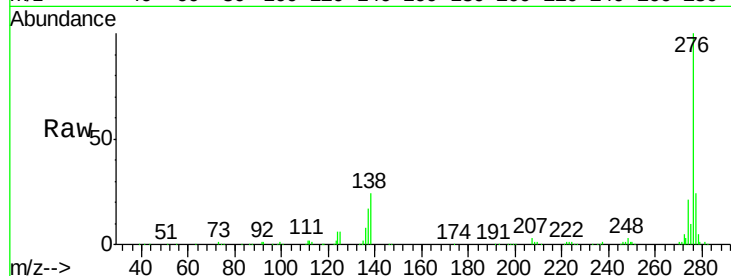




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 39.90 ng
 RT: 18.95 min Scan# 1580
 Delta R.T. -0.03 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

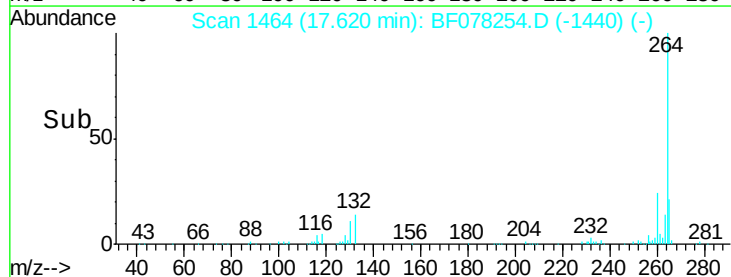
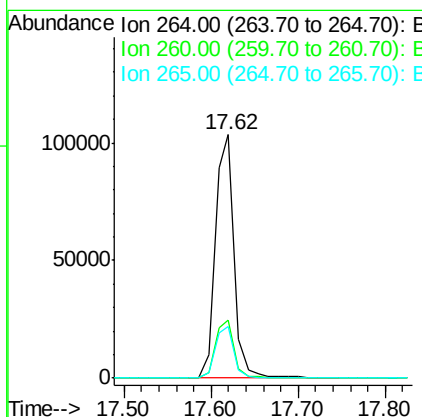
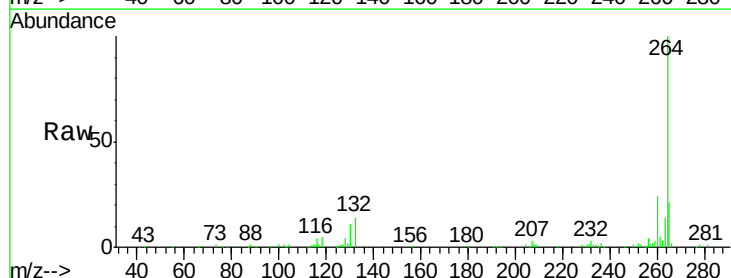
Instrument :
 BNA_F
 ClientSampleId :
 PB82420BSD

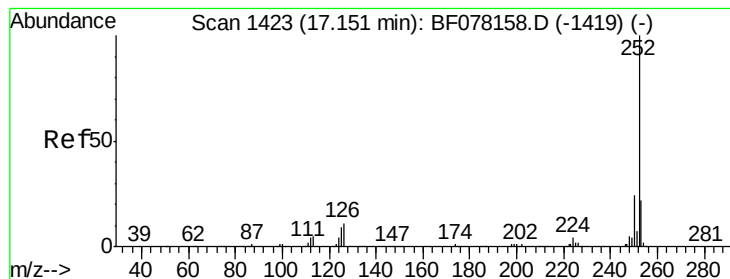
Tgt Ion:276 Resp: 409374
 Ion Ratio Lower Upper
 276 100
 138 28.8 16.9 25.3#
 277 24.7 15.8 23.6#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.62 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF078254.D
 Acq: 6 Apr 2015 13:55

Tgt Ion:264 Resp: 156313
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 27.8
 265 21.3 17.0 25.6





#87

Benzo(b)fluoranthene

Concen: 40.10 ng

RT: 17.15 min Scan# 1423

Delta R.T. -0.02 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

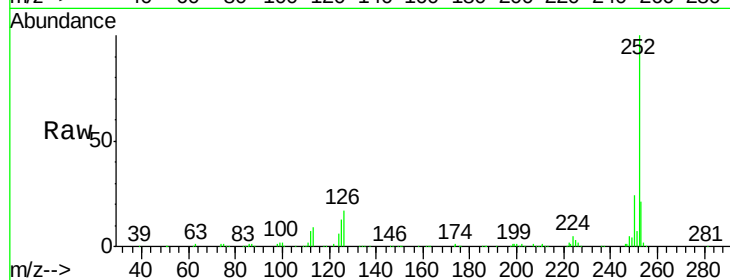
Tgt Ion:252 Resp: 387400

Ion Ratio Lower Upper

252 100

253 21.4 17.2 25.8

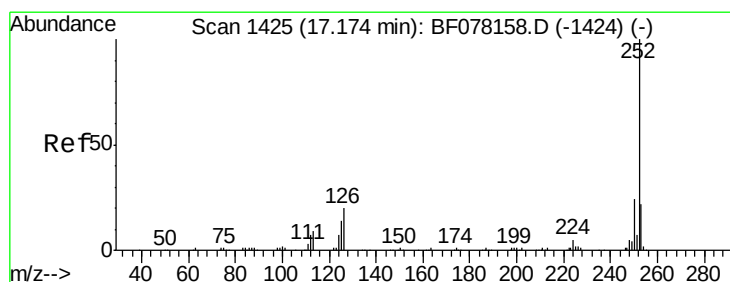
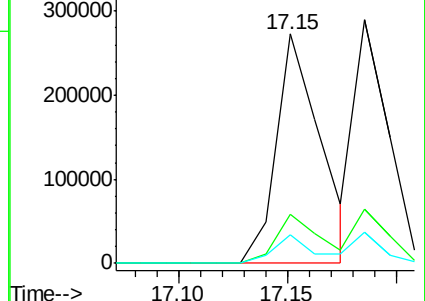
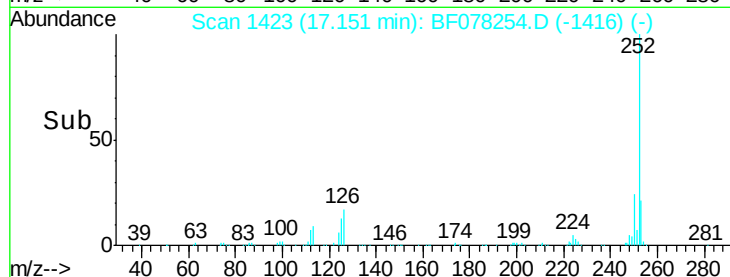
125 12.5 7.0 10.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 36.65 ng

RT: 17.19 min Scan# 1426

Delta R.T. -0.03 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

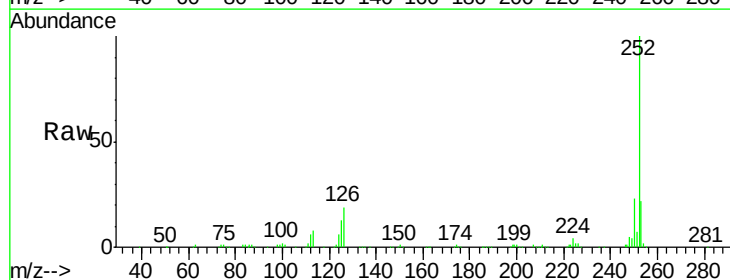
Tgt Ion:252 Resp: 314659

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

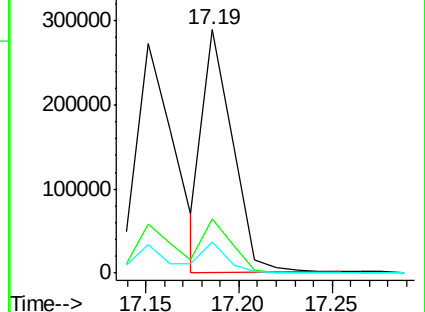
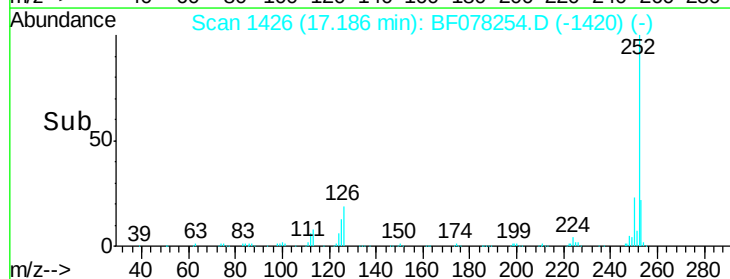
125 12.7 11.6 17.4

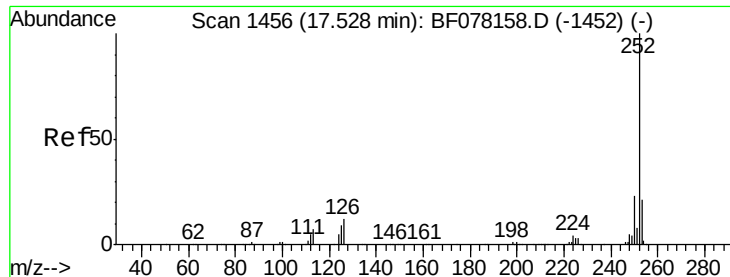


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 41.15 ng

RT: 17.55 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD

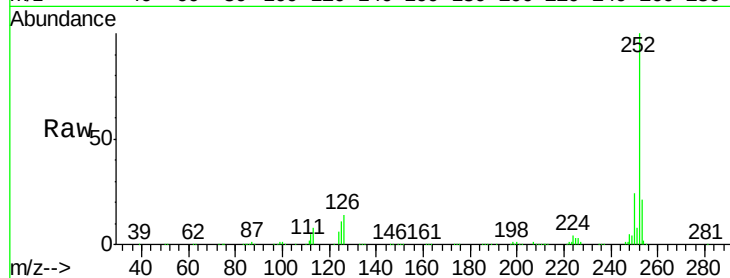
Tgt Ion:252 Resp: 346984

Ion Ratio Lower Upper

252 100

253 21.3 16.8 25.2

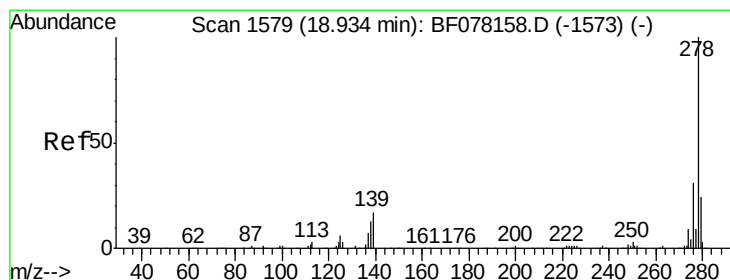
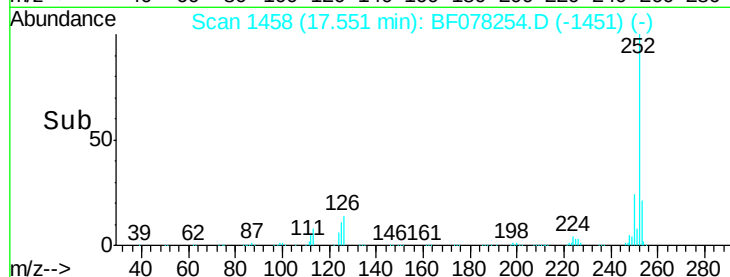
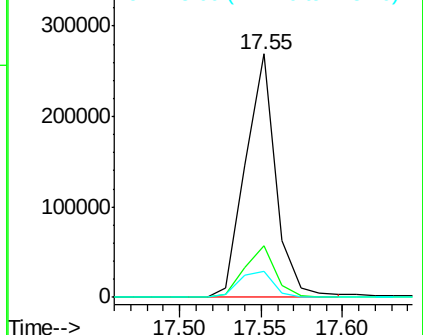
125 10.6 7.4 11.0



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: 39.17 ng

RT: 18.98 min Scan# 1583

Delta R.T. -0.02 min

Lab File: BF078254.D

Acq: 6 Apr 2015 13:55

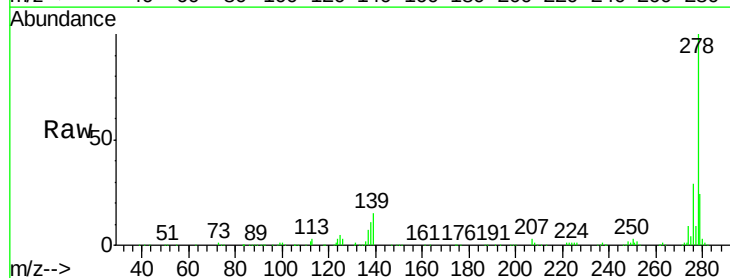
Tgt Ion:278 Resp: 330612

Ion Ratio Lower Upper

278 100

139 15.3 13.6 20.4

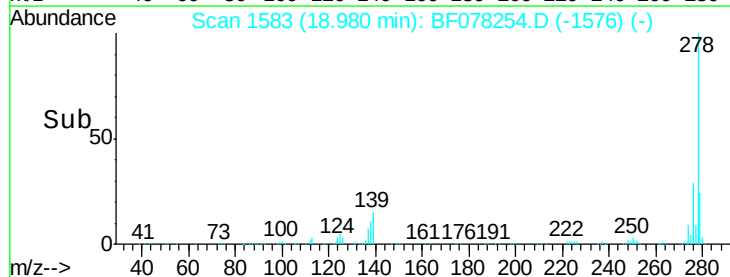
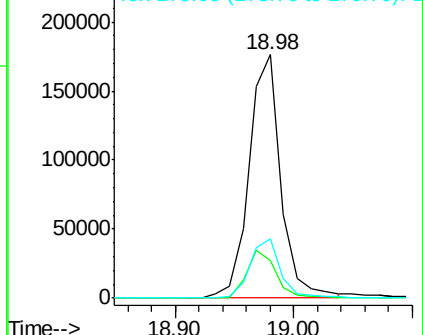
279 24.4 19.0 28.6

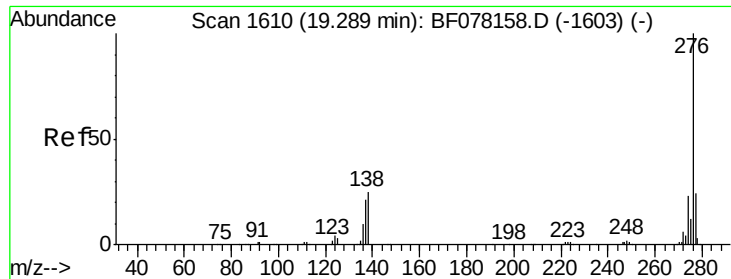


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 39.94 ng

RT: 19.32 min Scan# 1613

Delta R.T. -0.03 min

Lab File: BF078254.D

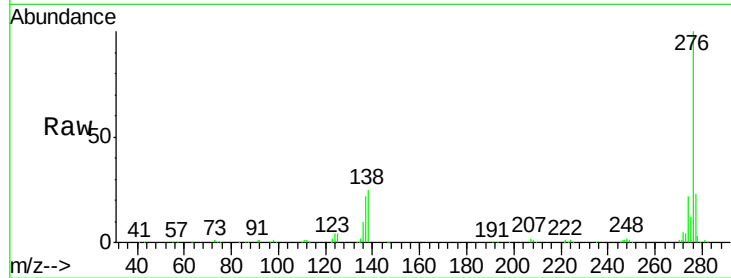
Acq: 6 Apr 2015 13:55

Instrument :

BNA_F

ClientSampleId :

PB82420BSD



Tgt Ion:	276	Resp:	338037
Ion Ratio	Lower	Upper	
276	100		
277	23.1	19.0	28.4
138	25.1	19.9	29.9

