

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078513.D
 Acq On : 14 Apr 2015 21:55
 Operator : TP/IZ
 Sample : G1828-10MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

Quant Time: Apr 15 11:07:24 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 01:10:59 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	16384	20.00	ng	0.00
21) Naphthalene-d8	8.39	136	70038	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	37168	20.00	ng	0.01
63) Phenanthrene-d10	12.36	188	76444	20.00	ng	0.00
75) Chrysene-d12	15.63	240	89280	20.00	ng	-0.02
86) Perylene-d12	17.41	264	99118	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.05	112	67792	68.22	ng	0.00
7) Phenol-d6	6.41	99	115370	92.64	ng	0.00
23) Nitrobenzene-d5	7.51	82	68247	59.06	ng	0.00
41) 2,4,6-Tribromophenol	11.52	330	16197	52.54	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	126189	48.53	ng	0.00
78) Terphenyl-d14	14.35	244	170682	43.20	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.60	88	64574	143.71	ng	# 33
3) Pyridine	2.18	79	31307	26.60	ng	# 93
4) n-Nitrosodimethylamine	2.11	42	13645m	30.12	ng	
6) Aniline	6.40	93	29004	16.42	ng	89
8) 2-Chlorophenol	6.55	128	30623	26.06	ng	93
9) Benzaldehyde	6.24	77	8125	9.84	ng	88
10) Phenol	6.43	94	44492	29.82	ng	98
11) bis(2-Chloroethyl)ether	6.50	93	30360	28.29	ng	95
12) 1,3-Dichlorobenzene	6.72	146	30851	23.90	ng	99
13) 1,4-Dichlorobenzene	6.82	146	31043	23.89	ng	98
14) 1,2-Dichlorobenzene	7.00	146	30828	25.31	ng	98
15) Benzyl Alcohol	7.00	79	27007	30.86	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.19	45	39501	27.60	ng	79
17) 2-Methylphenol	7.18	107	27923	30.61	ng	95
18) Hexachloroethane	7.42	117	9205	21.01	ng	# 75
19) n-Nitroso-di-n-propylamine	7.35	70	22491	27.37	ng	97
20) 3+4-Methylphenols	7.37	107	36902	30.32	ng	99
22) Acetophenone	7.32	105	48322	29.61	ng	# 91
24) Nitrobenzene	7.53	77	34644	28.68	ng	89
25) Isophorone	7.84	82	60330	27.51	ng	98
26) 2-Nitrophenol	7.93	139	10402	18.07	ng	93
27) 2,4-Dimethylphenol	8.02	122	29432	27.50	ng	98
28) bis(2-Chloroethoxy)methane	8.12	93	38399	27.31	ng	98
29) 2,4-Dichlorophenol	8.24	162	25911	26.61	ng	94
30) 1,2,4-Trichlorobenzene	8.32	180	27756	24.86	ng	98
31) Naphthalene	8.41	128	101298	27.79	ng	99
33) 4-Chloroaniline	8.50	127	32376	21.40	ng	99
34) Hexachlorobutadiene	8.57	225	15096	24.62	ng	97
35) Caprolactam	8.91	113	9510	32.72	ng	97
36) 4-Chloro-3-methylphenol	9.13	107	33061	33.65	ng	87
37) 2-Methylnaphthalene	9.27	142	67788	27.39	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.47	216	27905	24.23	ng	# 97
40) Hexachlorocyclopentadiene	9.46	237	1650	9.86	ng	91
42) 2,4,6-Trichlorophenol	9.63	196	12082	16.64	ng	99

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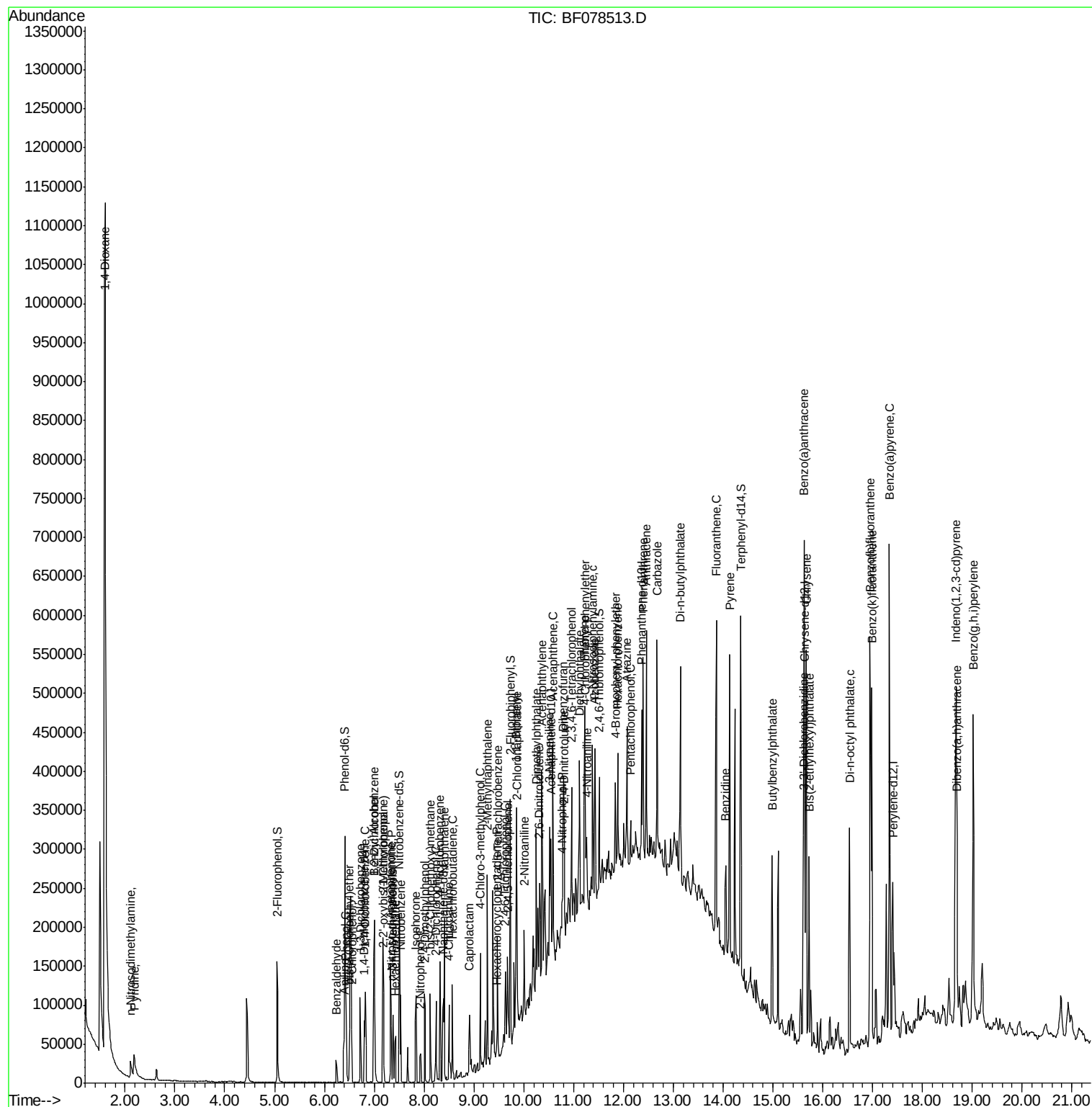
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.68	196	18280	24.09	ng	98
45) 1,1'-Biphenyl	9.85	154	82189	27.03	ng	99
46) 2-Chloronaphthalene	9.86	162	61683	25.79	ng	98
47) 2-Nitroaniline	10.01	65	18845	31.84	ng	# 67
48) Acenaphthylene	10.36	152	105894	27.41	ng	99
49) Dimethylphthalate	10.25	163	84450	30.24	ng	# 98
50) 2,6-Dinitrotoluene	10.32	165	14287	24.87	ng	# 66
51) Acenaphthene	10.58	154	59111	27.18	ng	98
52) 3-Nitroaniline	10.51	138	21847	33.44	ng	# 95
54) Dibenzofuran	10.80	168	91029	27.40	ng	97
55) 4-Nitrophenol	10.78	139	9587m	22.01	ng	
56) 2,4-Dinitrotoluene	10.81	165	19418	26.10	ng	# 70
57) Fluorene	11.22	166	78032	28.98	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.96	232	7927	14.09	ng	# 85
59) Diethylphthalate	11.12	149	69616	25.86	ng	97
60) 4-Chlorophenyl-phenylether	11.23	204	33199	26.80	ng	# 77
61) 4-Nitroaniline	11.27	138	20499	31.04	ng	97
62) Azobenzene	11.43	77	71596	29.14	ng	92
65) n-Nitrosodiphenylamine	11.38	169	63927	24.18	ng	97
66) 4-Bromophenyl-phenylether	11.84	248	20524	25.35	ng	91
67) Hexachlorobenzene	11.88	284	22002	24.80	ng	# 80
68) Atrazine	12.07	200	22195	28.98	ng	94
69) Pentachlorophenol	12.15	266	6524	22.73	ng	97
70) Phenanthrene	12.40	178	139170	31.47	ng	100
71) Anthracene	12.46	178	121174	27.81	ng	98
72) Carbazole	12.67	167	115121	28.19	ng	97
73) Di-n-butylphthalate	13.14	149	125160	27.06	ng	98
74) Fluoranthene	13.86	202	219963	47.17	ng	92
76) Benzidine	14.06	184	63097	18.35	ng	98
77) Pyrene	14.14	202	232055	41.40	ng	99
79) Butylbenzylphthalate	14.98	149	57674	27.00	ng	92
80) Benzo(a)anthracene	15.62	228	234696	44.18	ng	97
81) 3,3'-Dichlorobenzidine	15.61	252	38331	21.55	ng	# 96
82) Chrysene	15.67	228	205579	41.19	ng	99
83) Bis(2-ethylhexyl)phthalate	15.73	149	89697	26.77	ng	97
84) Di-n-octyl phthalate	16.54	149	161185	29.30	ng	# 100
85) Indeno(1,2,3-cd)pyrene	18.67	276	313497m	55.36	ng	
87) Benzo(b)fluoranthene	16.95	252	336270m	54.89	ng	
88) Benzo(k)fluoranthene	16.98	252	177453m	32.60	ng	
89) Benzo(a)pyrene	17.34	252	297846	55.71	ng	# 94
90) Dibenzo(a,h)anthracene	18.70	278	147065m	27.48	ng	
91) Benzo(g,h,i)perylene	19.02	276	280520m	52.27	ng	

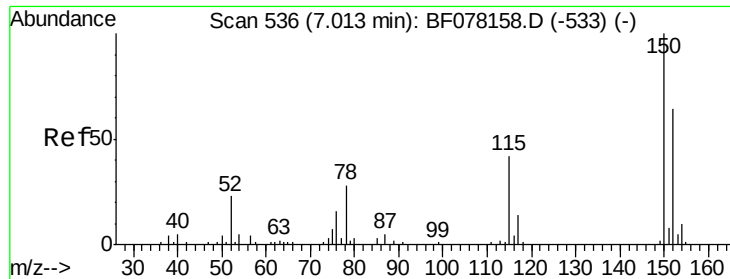
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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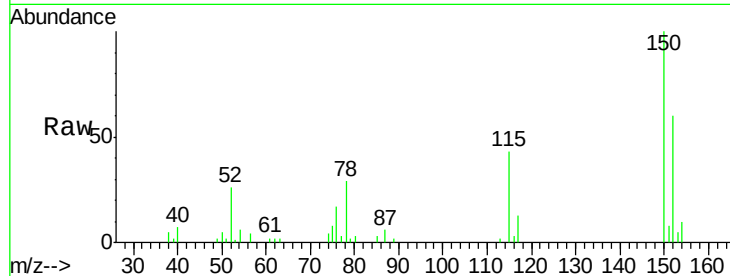




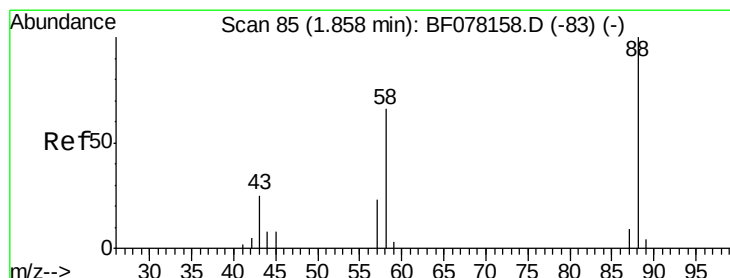
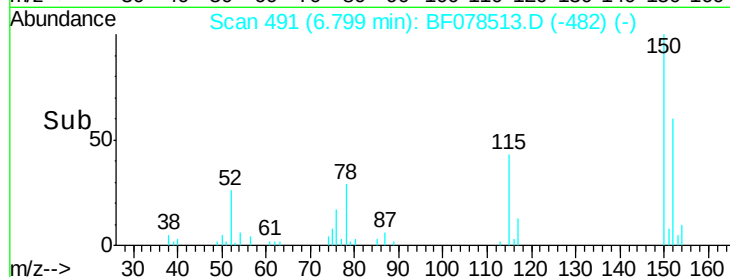
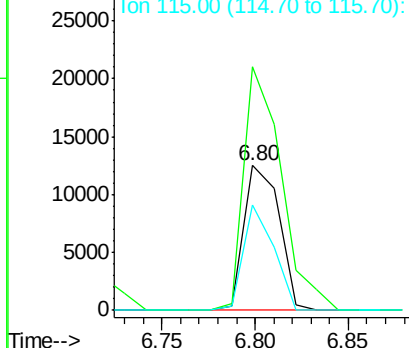
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.80 min Scan# 491
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

Tgt Ion:152 Resp: 16384
 Ion Ratio Lower Upper
 152 100
 150 167.9 125.9 188.9
 115 72.5 52.7 79.1

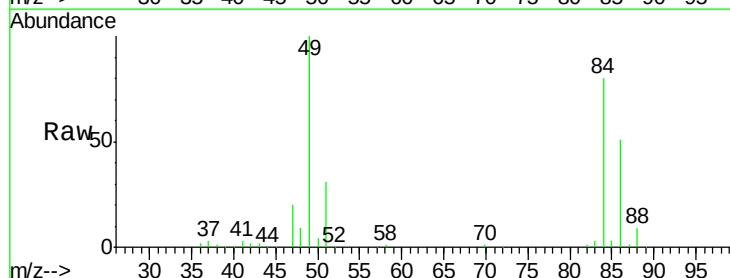


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

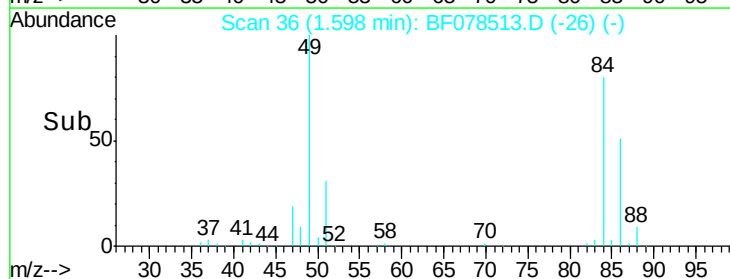
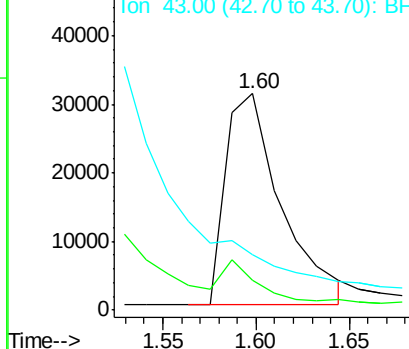


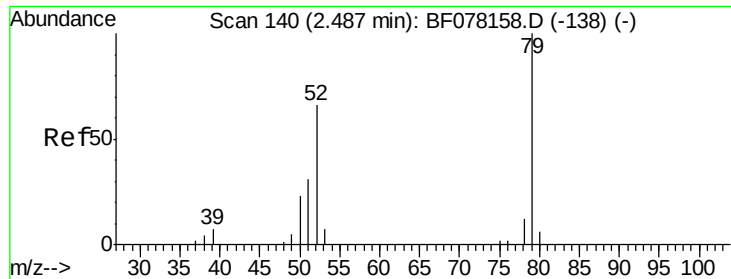
#2
 1,4-Dioxane
 Concen: 143.71 ng
 RT: 1.60 min Scan# 36
 Delta R.T. 0.01 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion: 88 Resp: 64574
 Ion Ratio Lower Upper
 88 100
 58 10.5 56.9 85.3#
 43 0.0 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: 26.60 ng

RT: 2.18 min Scan# 87

Delta R.T. 0.03 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

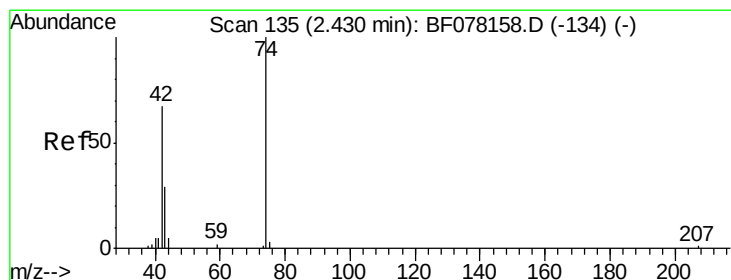
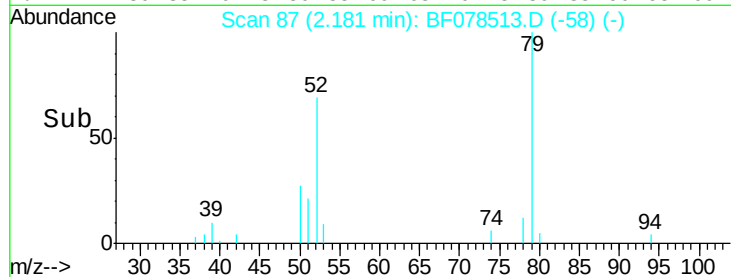
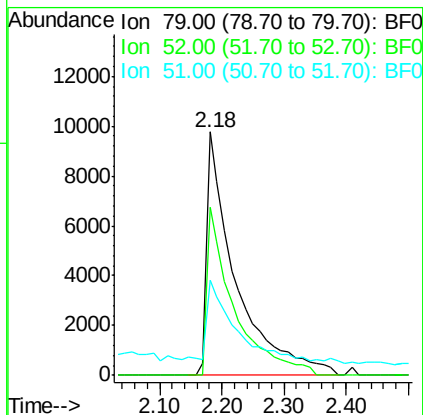
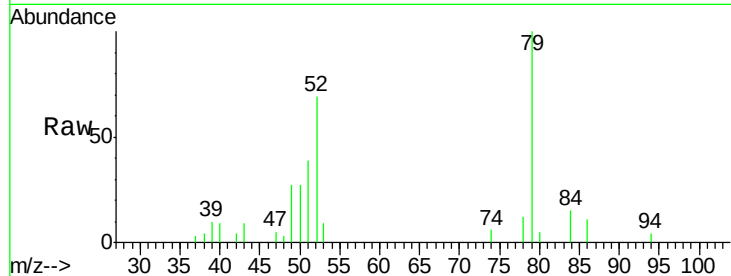
Tgt Ion: 79 Resp: 31307

Ion Ratio Lower Upper

79 100

52 68.8 52.4 78.6

51 38.8 24.9 37.3#



#4

n-Nitrosodimethylamine

Concen: 30.12 ng m

RT: 2.11 min Scan# 81

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

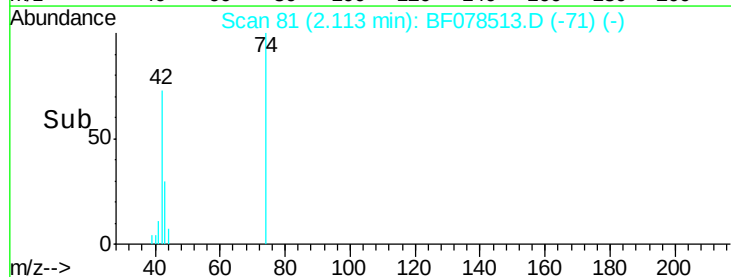
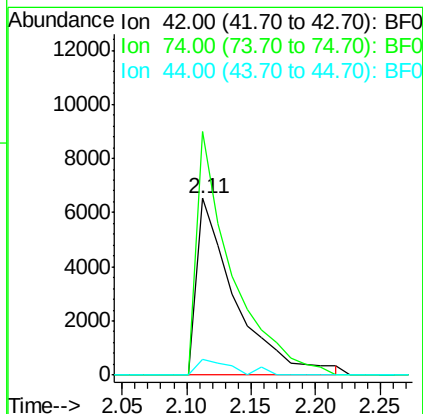
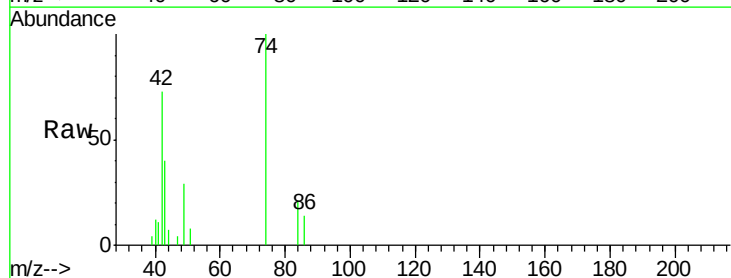
Tgt Ion: 42 Resp: 13645

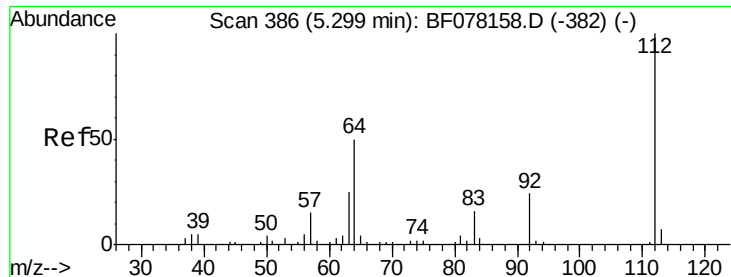
Ion Ratio Lower Upper

42 100

74 137.9 118.7 178.1

44 9.0 5.9 8.9#





#5

2-Fluorophenol

Concen: 68.22 ng

RT: 5.05 min Scan# 338

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

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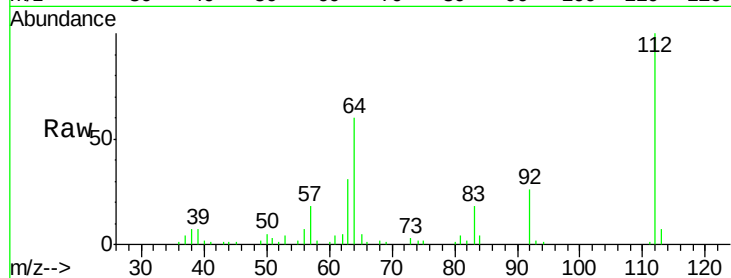
Tgt Ion: 112 Resp: 67792

Ion Ratio Lower Upper

112 100

64 60.4 39.9 59.9#

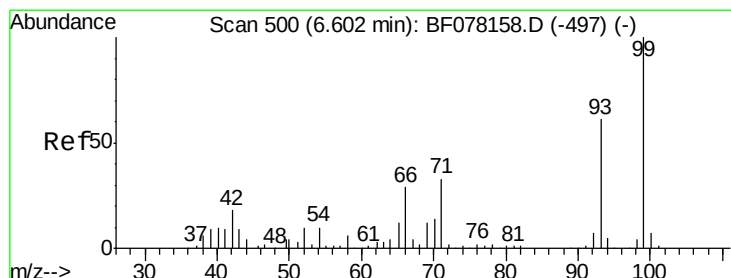
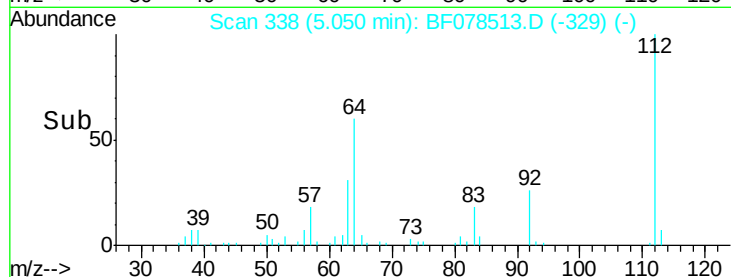
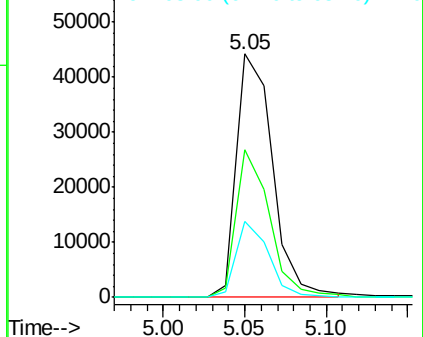
63 31.3 20.2 30.4#



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: 16.42 ng

RT: 6.40 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

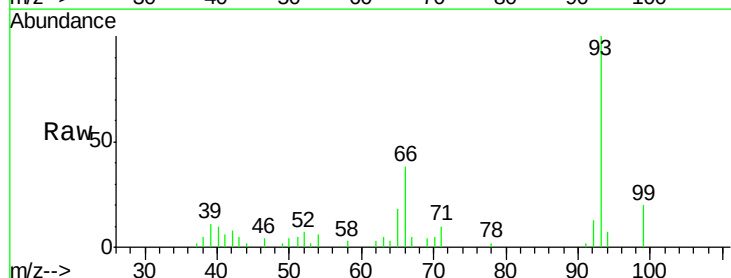
Tgt Ion: 93 Resp: 29004

Ion Ratio Lower Upper

93 100

66 38.5 38.0 57.0

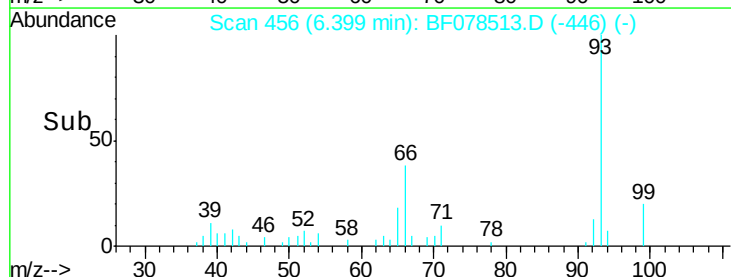
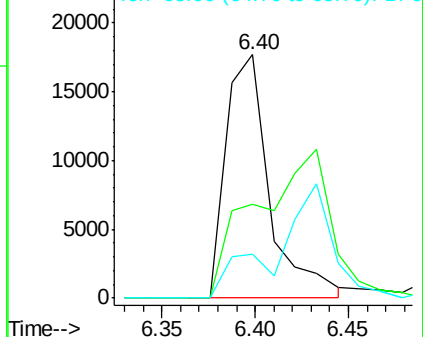
65 17.8 16.3 24.5

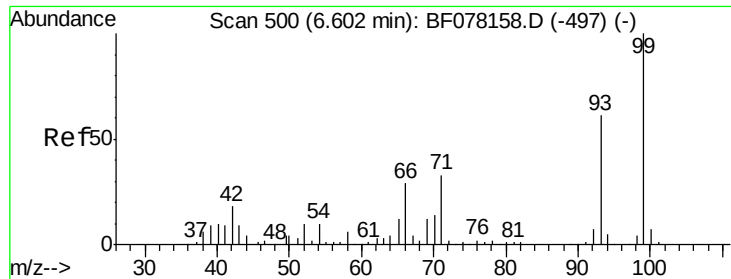


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 92.64 ng

RT: 6.41 min Scan# 457

Delta R.T. -0.00 min

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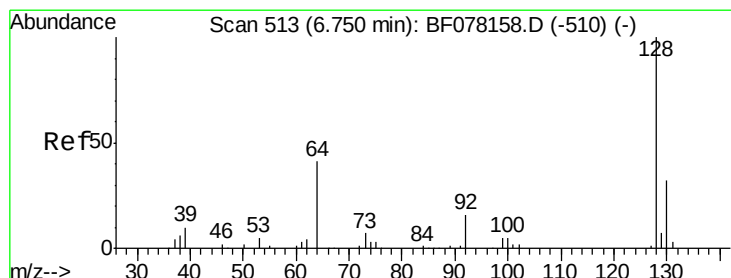
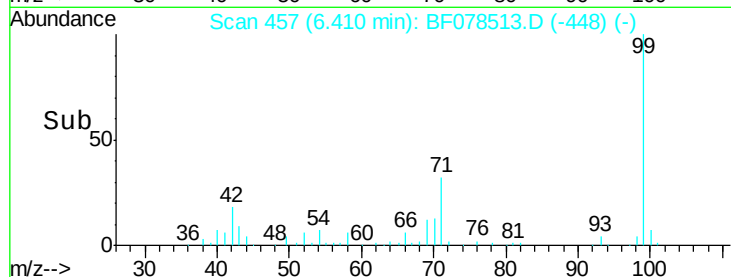
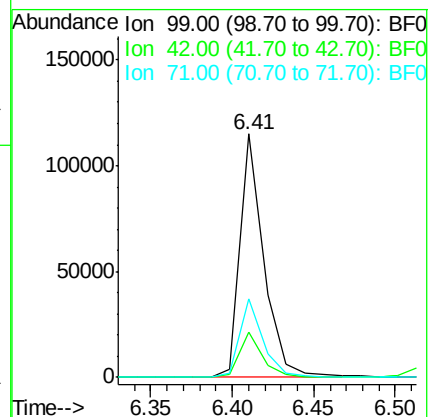
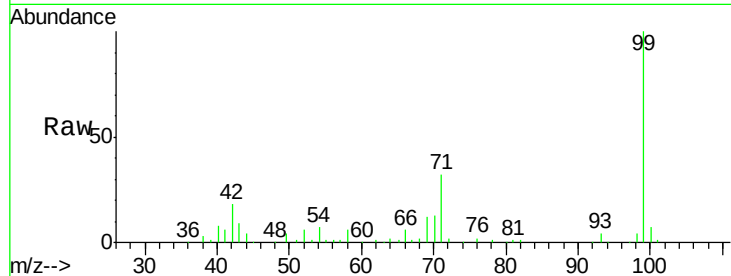
Tgt Ion: 99 Resp: 115370

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 32.3 26.6 39.8



#8

2-Chlorophenol

Concen: 26.06 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

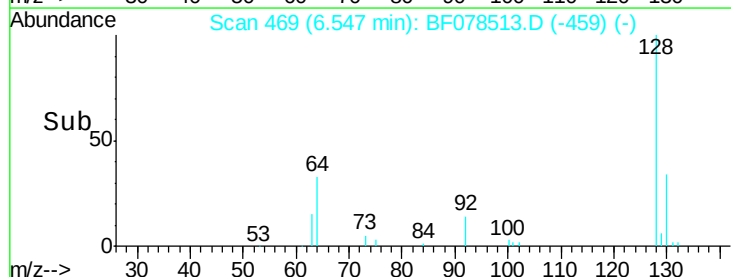
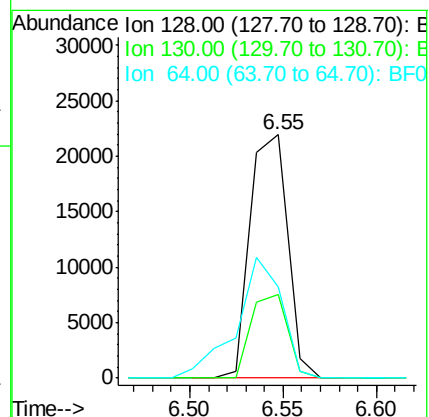
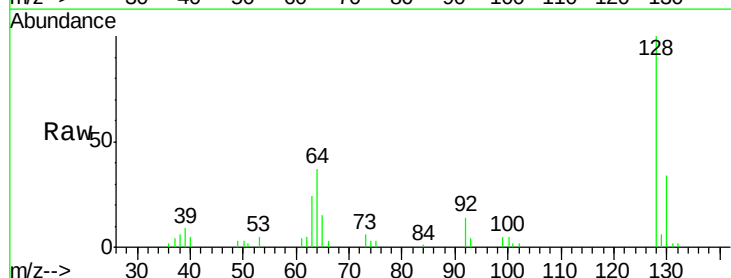
Tgt Ion: 128 Resp: 30623

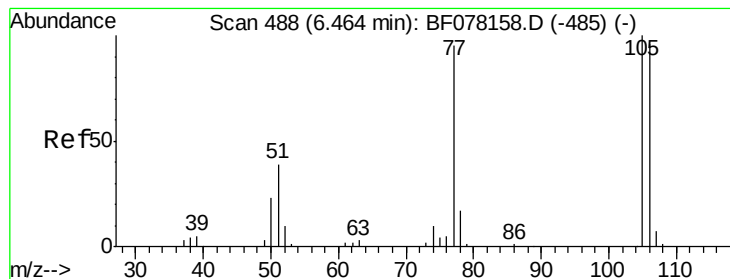
Ion Ratio Lower Upper

128 100

130 34.5 12.3 52.3

64 37.3 23.8 63.8





#9

Benzaldehyde

Concen: 9.84 ng

RT: 6.24 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF078513.D

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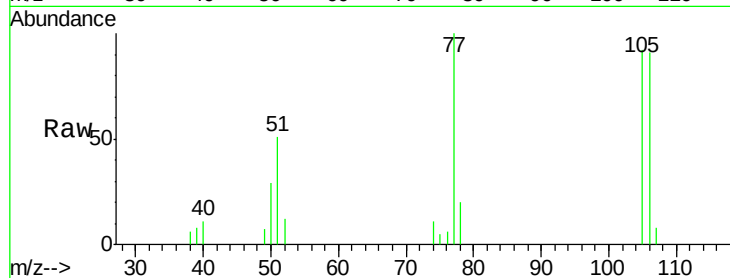
Tgt Ion: 77 Resp: 8125

Ion Ratio Lower Upper

77 100

105 92.1 85.4 125.4

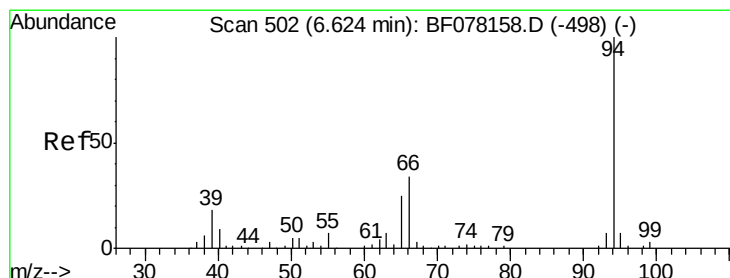
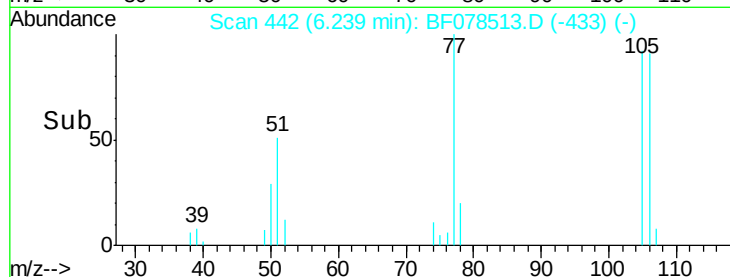
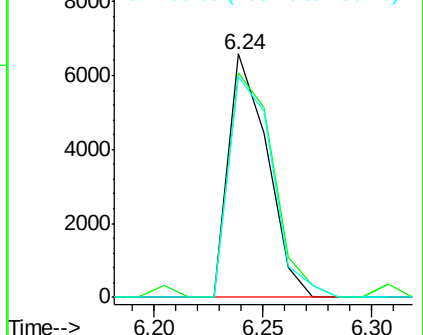
106 90.5 80.8 120.8



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: 29.82 ng

RT: 6.43 min Scan# 459

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

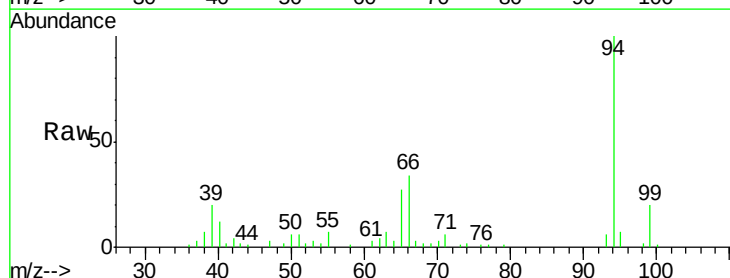
Tgt Ion: 94 Resp: 44492

Ion Ratio Lower Upper

94 100

65 26.6 4.9 44.9

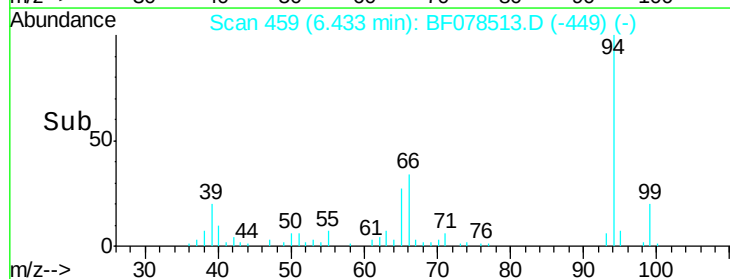
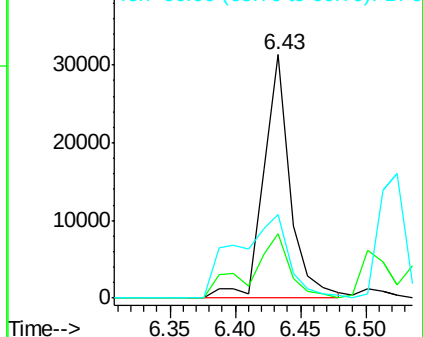
66 34.4 13.8 53.8

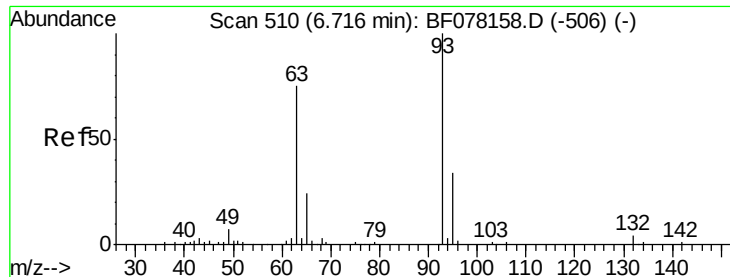


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

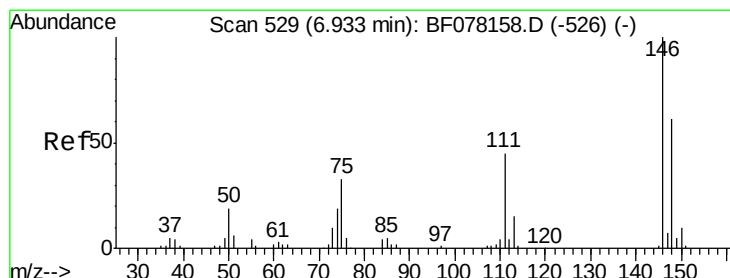
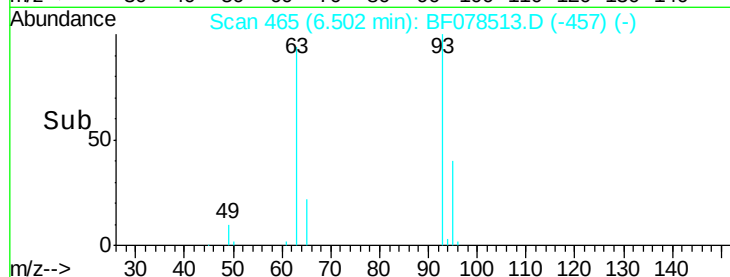
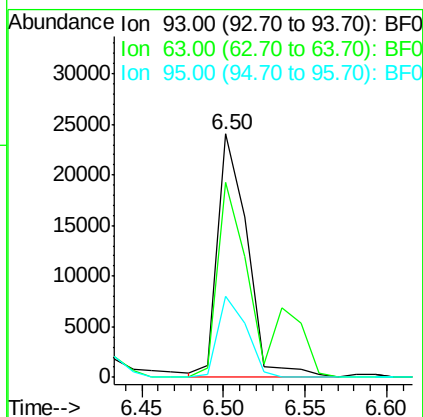
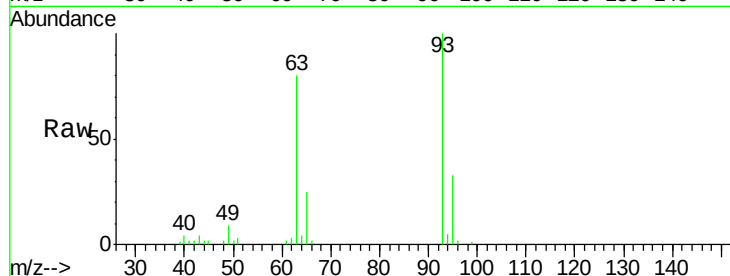




#11
bis(2-Chloroethyl)ether
Concen: 28.29 ng
RT: 6.50 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

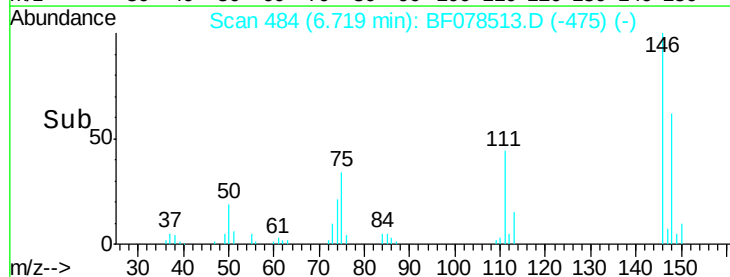
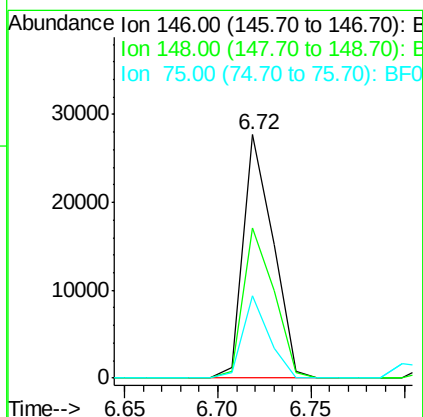
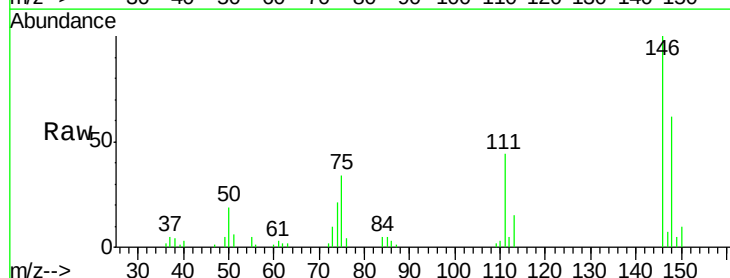
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

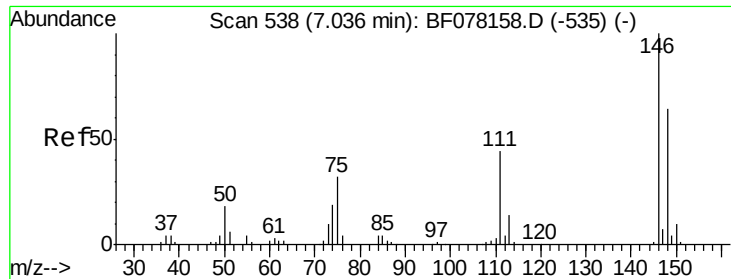
Tgt Ion: 93 Resp: 30360
Ion Ratio Lower Upper
93 100
63 80.2 54.6 94.6
95 33.4 13.6 53.6



#12
1,3-Dichlorobenzene
Concen: 23.90 ng
RT: 6.72 min Scan# 484
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion: 146 Resp: 30851
Ion Ratio Lower Upper
146 100
148 61.9 49.1 73.7
75 33.7 26.6 40.0

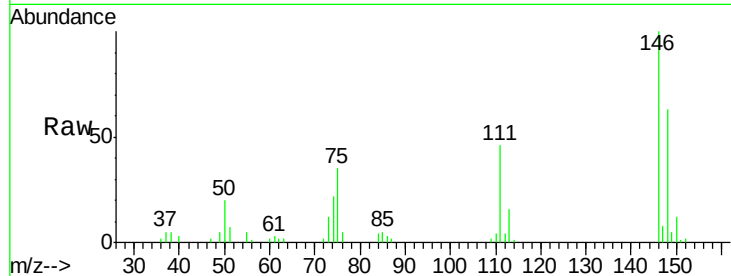




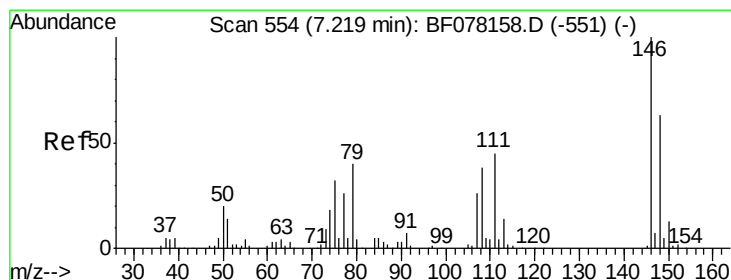
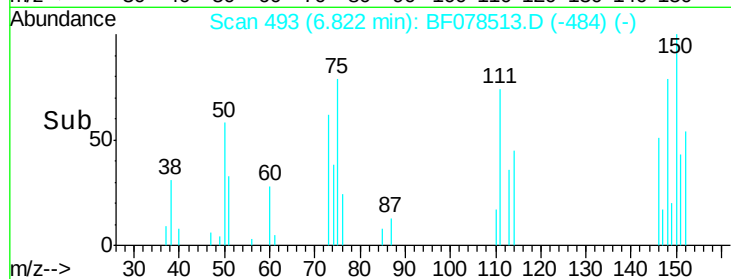
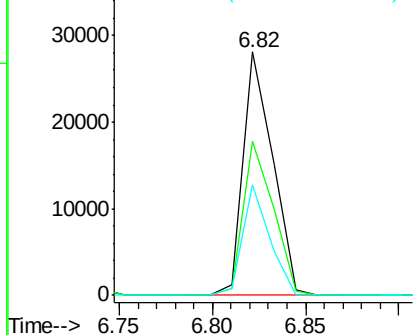
#13
 1,4-Dichlorobenzene
 Concen: 23.89 ng
 RT: 6.82 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

Tgt Ion:146 Resp: 31043
 Ion Ratio Lower Upper
 146 100
 148 63.2 51.4 77.0
 111 45.5 35.0 52.4

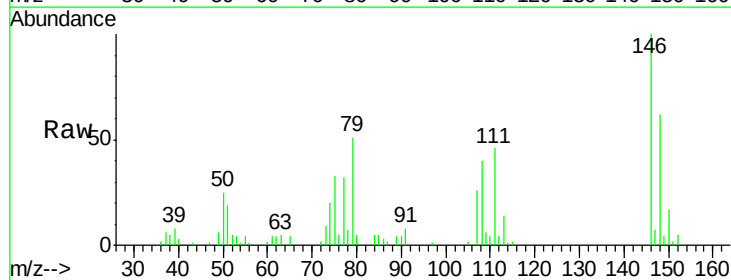


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

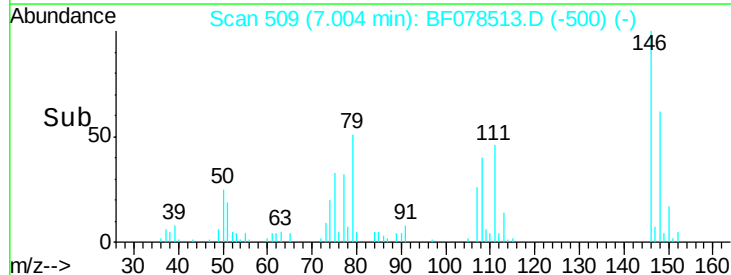
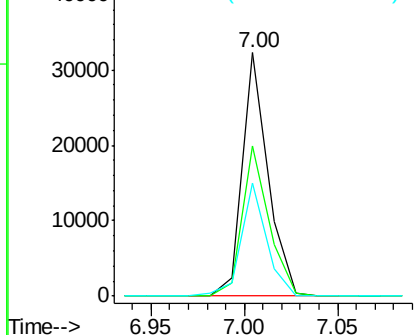


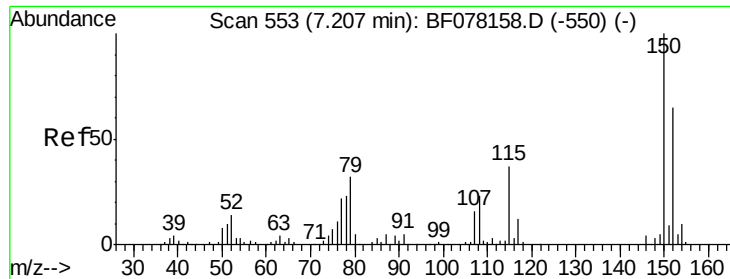
#14
 1,2-Dichlorobenzene
 Concen: 25.31 ng
 RT: 7.00 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:146 Resp: 30828
 Ion Ratio Lower Upper
 146 100
 148 61.7 50.2 75.4
 111 46.4 36.1 54.1



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





#15

Benzyl Alcohol

Concen: 30.86 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

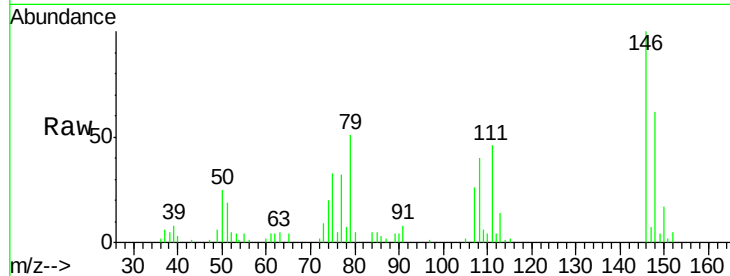
Tgt Ion: 79 Resp: 27007

Ion Ratio Lower Upper

79 100

108 77.3 57.6 86.4

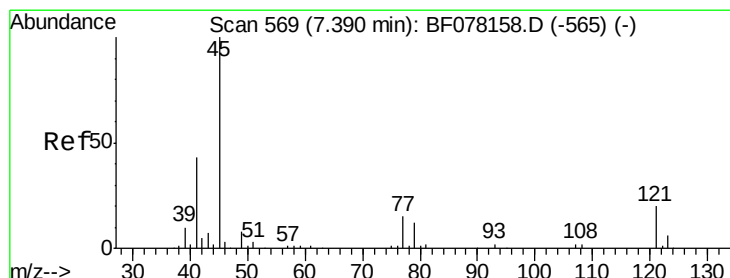
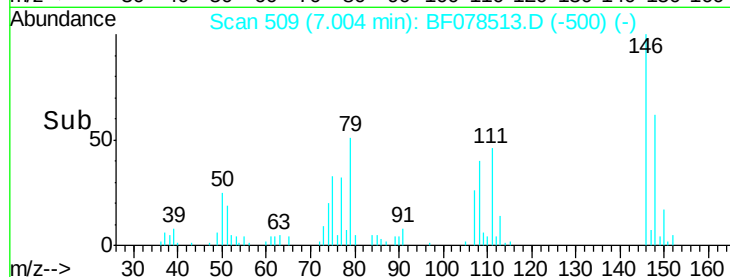
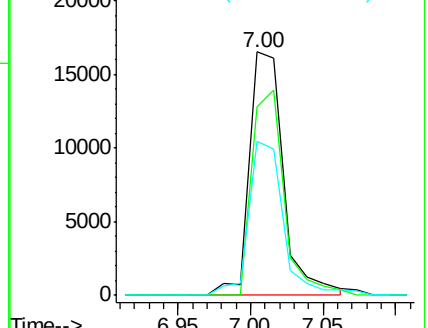
77 63.2 53.5 80.3



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: 27.60 ng

RT: 7.19 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

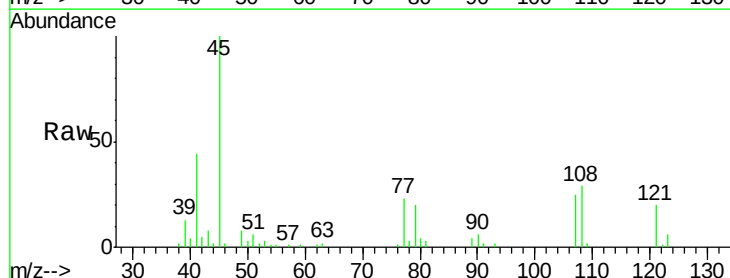
Tgt Ion: 45 Resp: 39501

Ion Ratio Lower Upper

45 100

77 22.8 0.0 34.5

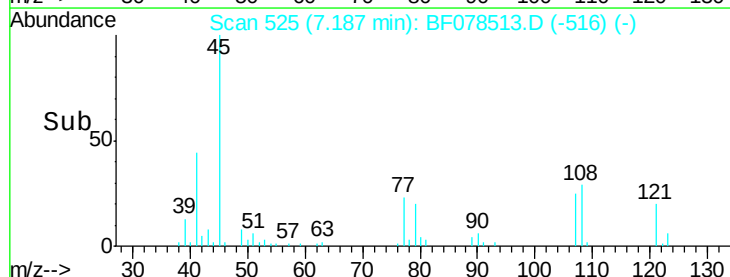
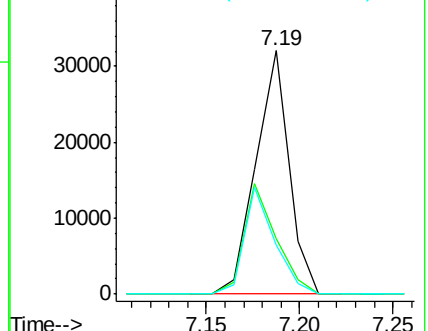
79 20.4 0.0 31.9

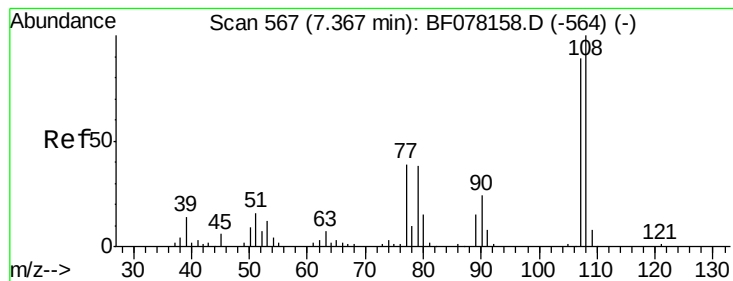


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 30.61 ng

RT: 7.18 min Scan# 524

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

Tgt Ion:107 Resp: 27923

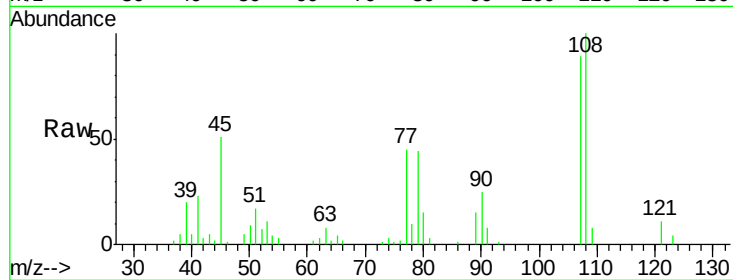
Ion Ratio Lower Upper

107 100

108 111.9 90.3 135.5

77 50.6 35.5 53.3

79 48.9 34.2 51.4

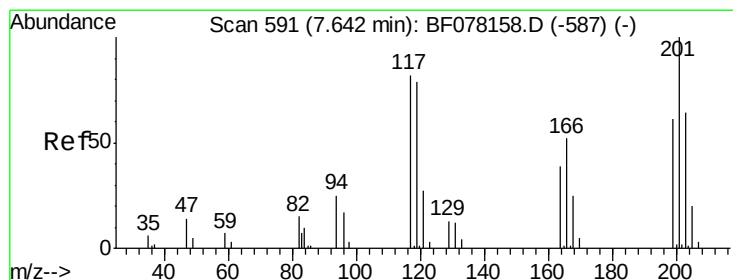
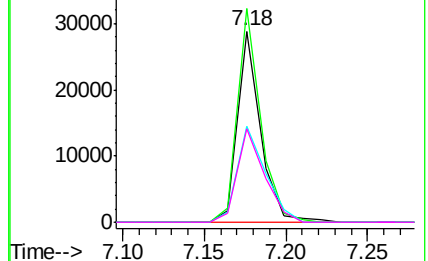
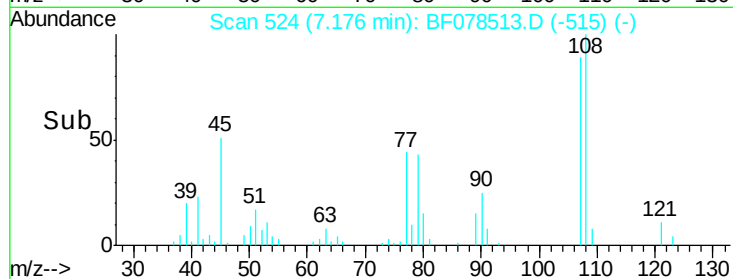


Abundance Ion 107.00 (106.70 to 107.70): E

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: 21.01 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

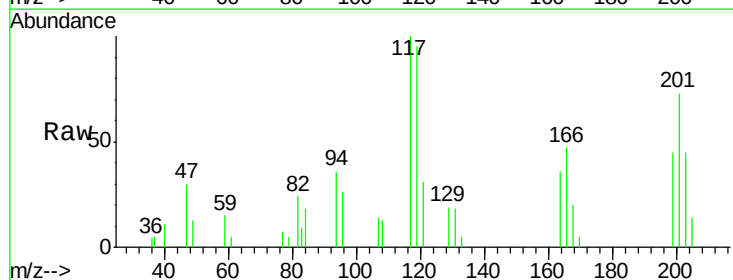
Tgt Ion:117 Resp: 9205

Ion Ratio Lower Upper

117 100

119 94.8 77.0 115.6

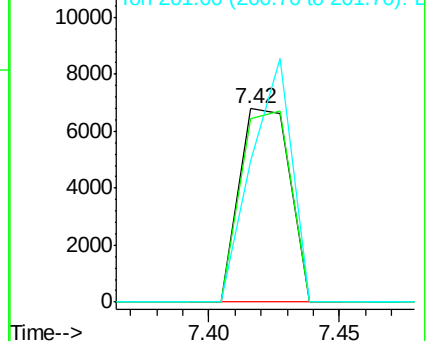
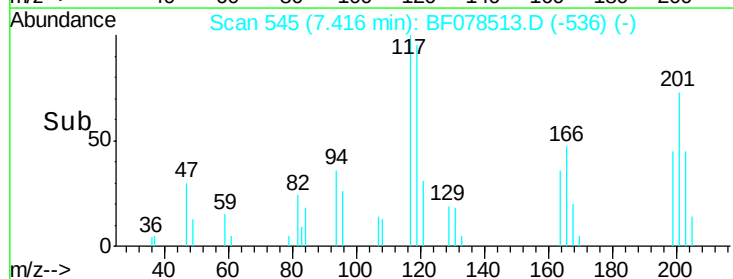
201 73.1 98.1 147.1#

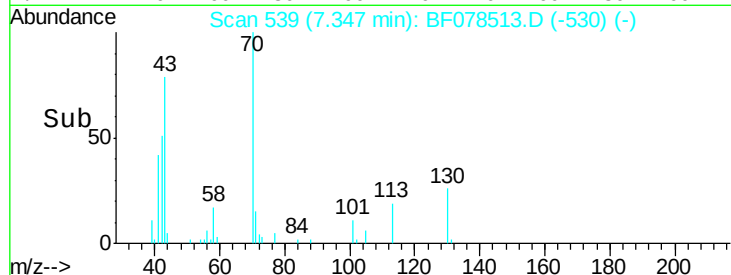
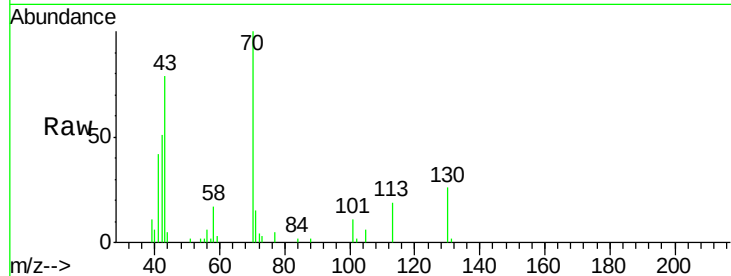
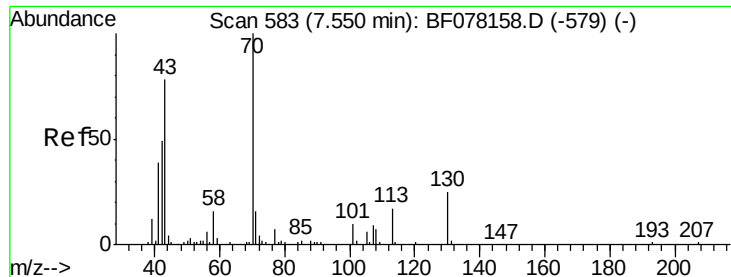


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

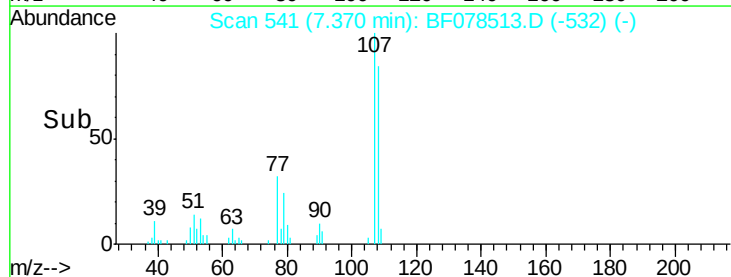
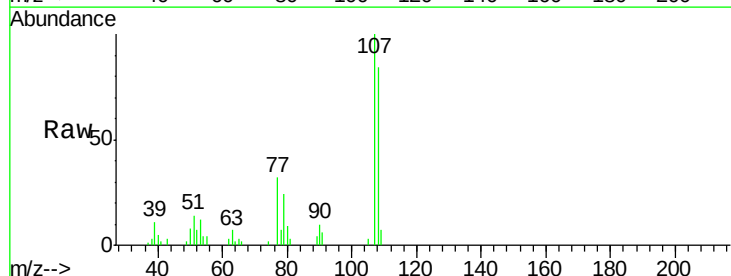
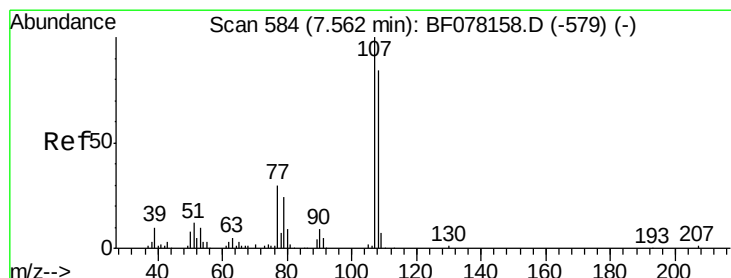
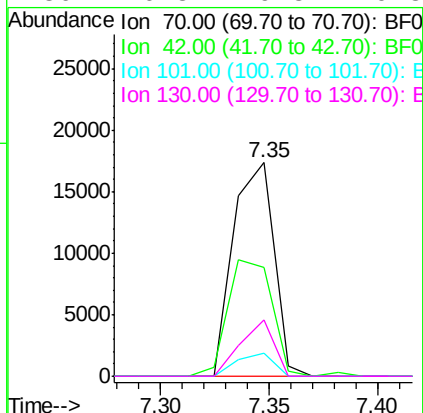




#19
n-Nitroso-di-n-propylamine
Concen: 27.37 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

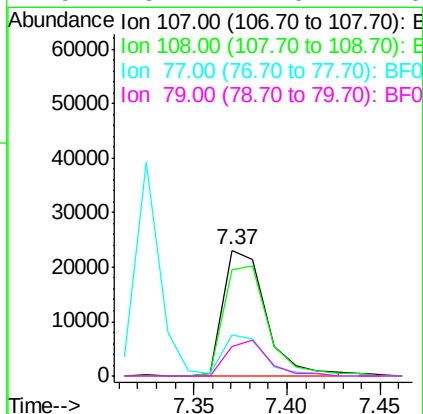
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

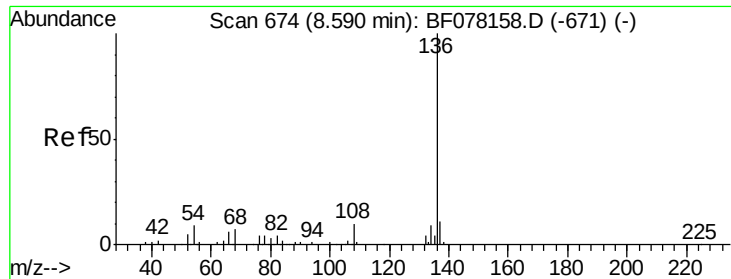
Tgt Ion:	70	Resp:	22491
Ion	Ratio	Lower	Upper
70	100		
42	50.7	38.9	58.3
101	10.8	8.3	12.5
130	26.3	19.8	29.8



#20
3+4-Methylphenols
Concen: 30.32 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion:	107	Resp:	36902
Ion	Ratio	Lower	Upper
107	100		
108	84.3	64.4	104.4
77	32.2	9.7	49.7
79	23.7	4.0	44.0

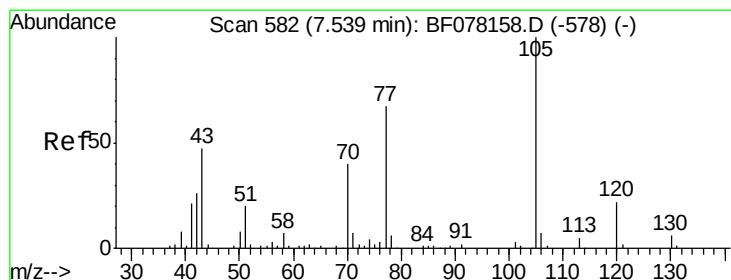
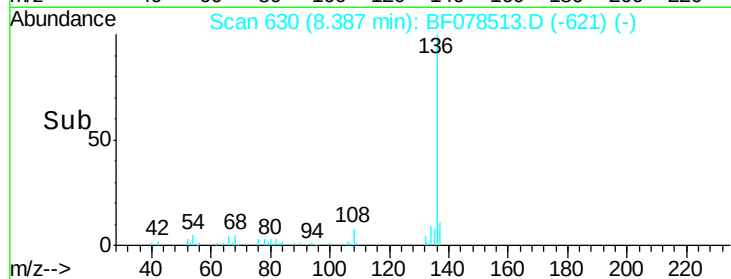
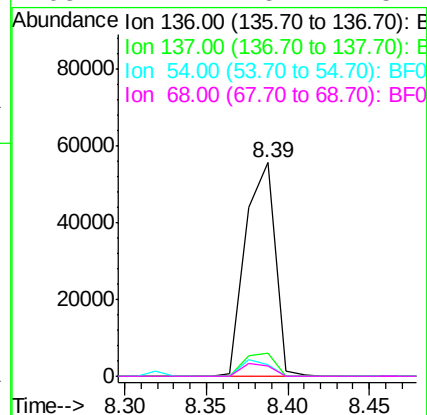
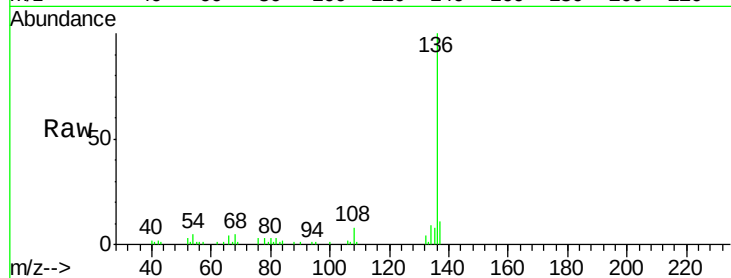




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.39 min Scan# 630
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

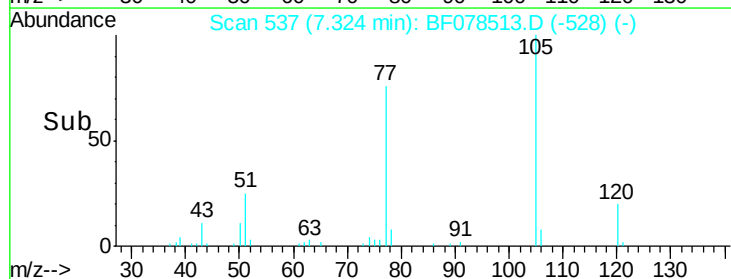
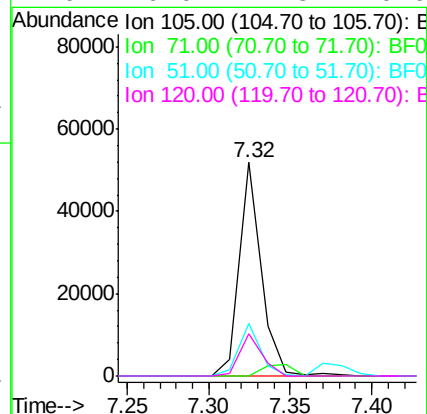
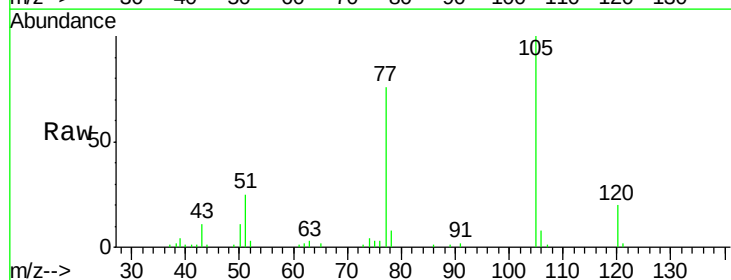
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

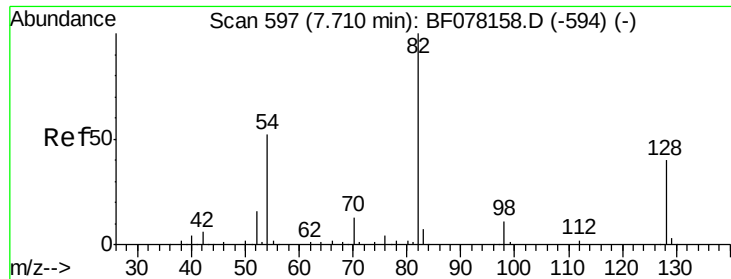
Tgt Ion:	136	Resp:	70038
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	5.5	7.0	10.6#
68	4.7	5.4	8.2#



#22
Acetophenone
Concen: 29.61 ng
RT: 7.32 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion:	105	Resp:	48322
Ion	Ratio	Lower	Upper
105	100		
71	0.0	5.5	8.3#
51	24.8	16.0	24.0#
120	20.0	17.8	26.6

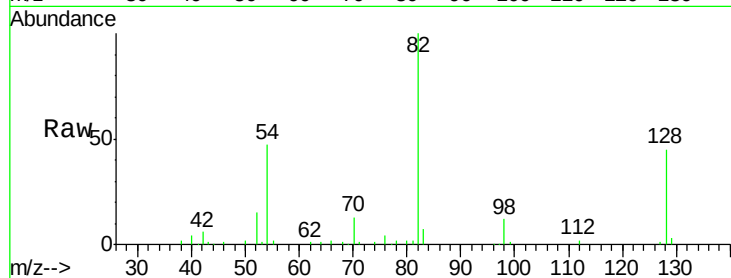




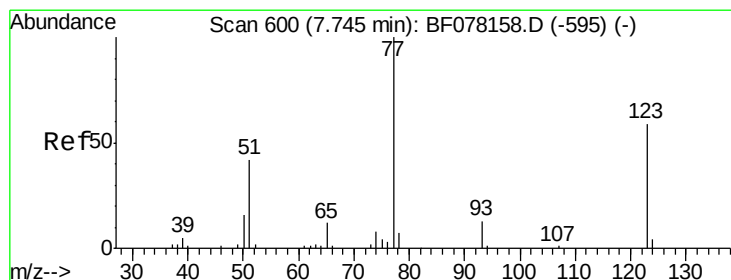
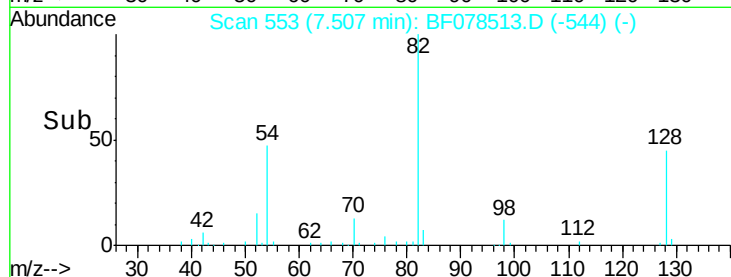
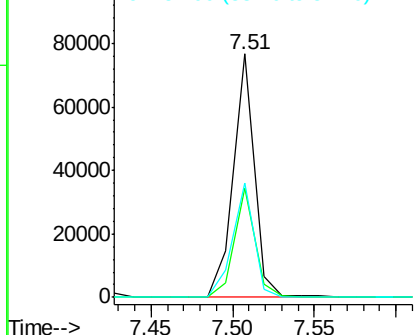
#23
 Nitrobenzene-d5
 Concen: 59.06 ng
 RT: 7.51 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.8	47.8
54	46.8	41.5	62.3

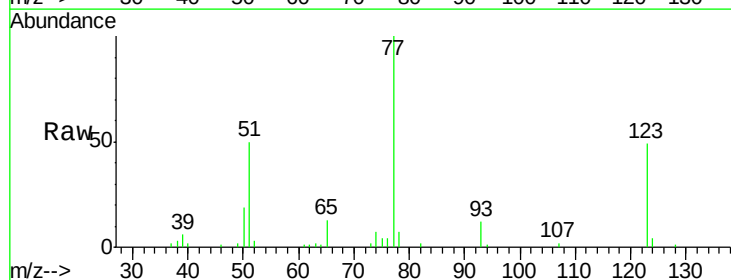


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

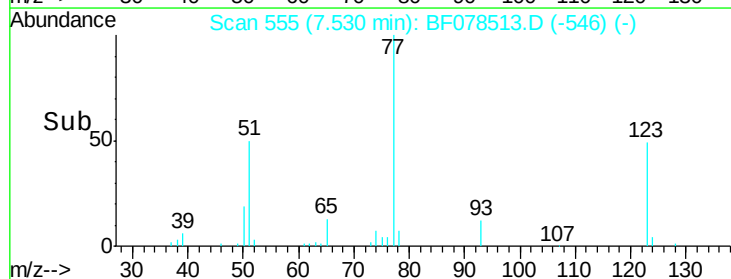
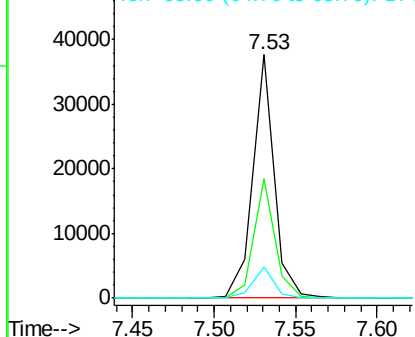


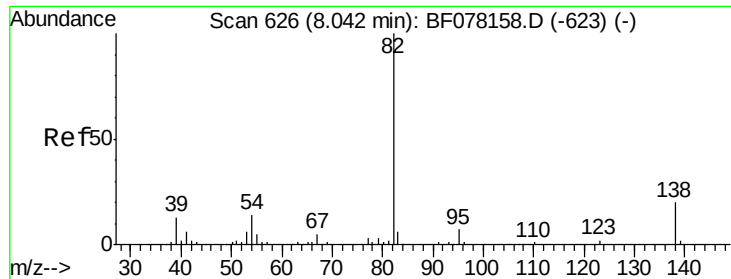
#24
 Nitrobenzene
 Concen: 28.68 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.1	46.9	70.3
65	13.0	9.5	14.3



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

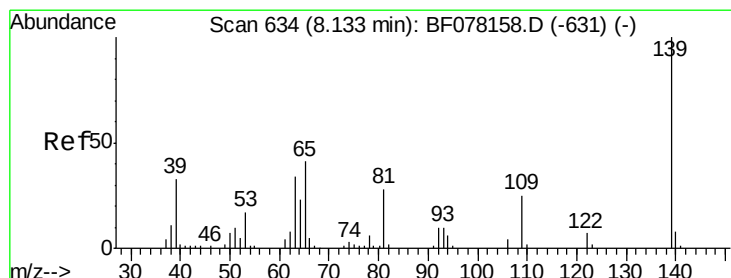
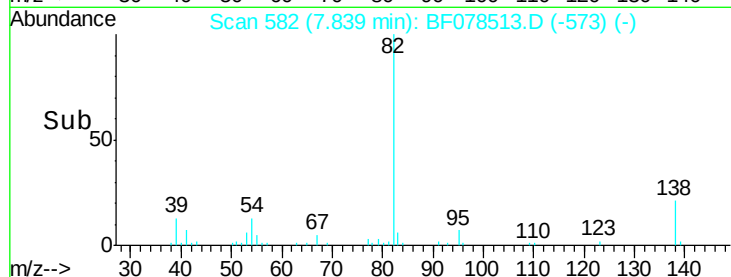
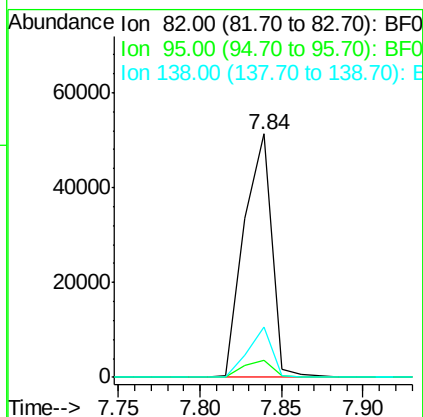
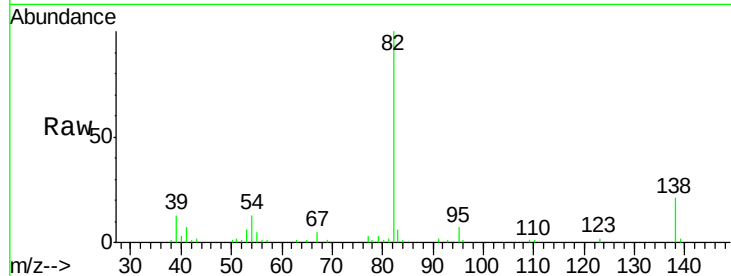




#25
Isophorone
Concen: 27.51 ng
RT: 7.84 min Scan# 582
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

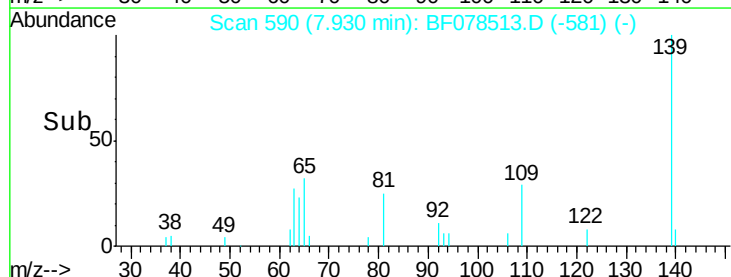
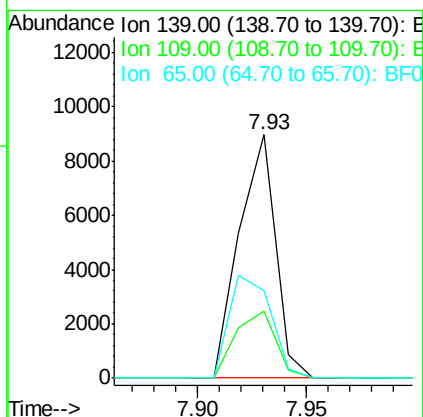
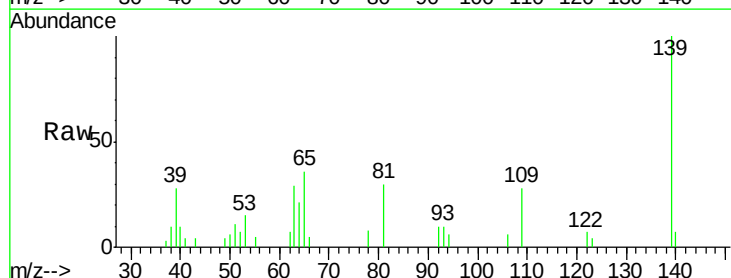
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

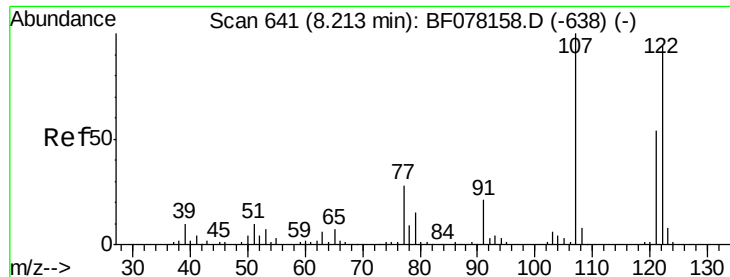
Tgt Ion: 82 Resp: 60330
Ion Ratio Lower Upper
82 100
95 7.1 5.7 8.5
138 20.9 15.8 23.8



#26
2-Nitrophenol
Concen: 18.07 ng
RT: 7.93 min Scan# 590
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion: 139 Resp: 10402
Ion Ratio Lower Upper
139 100
109 27.7 19.8 29.8
65 36.0 32.7 49.1

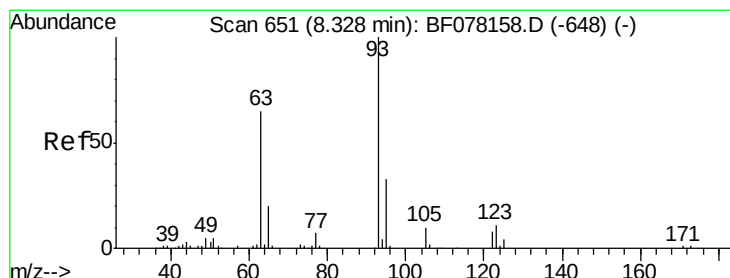
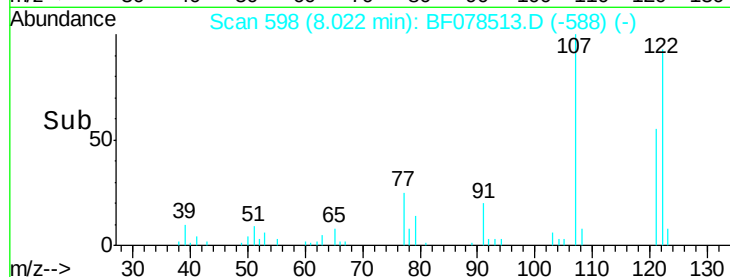
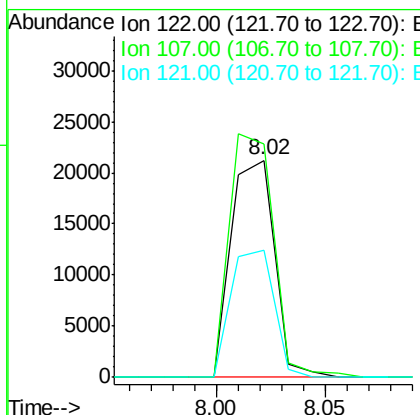
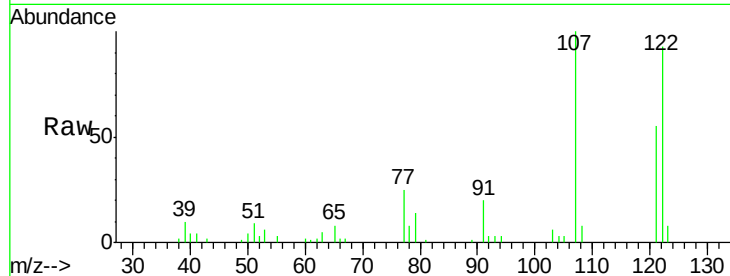




#27
 2,4-Dimethylphenol
 Concen: 27.50 ng
 RT: 8.02 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

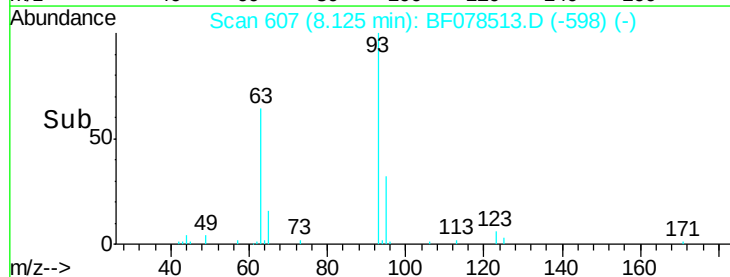
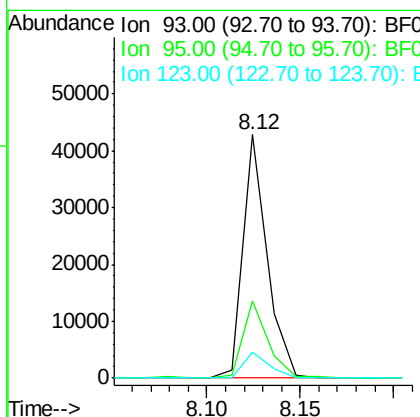
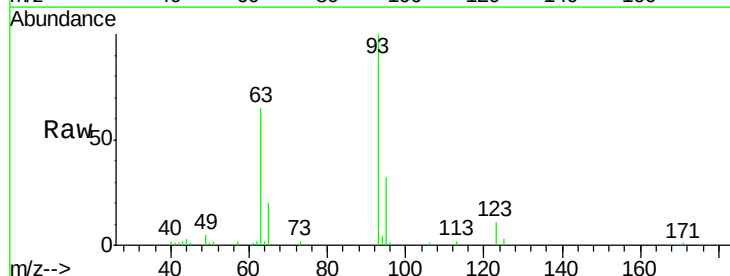
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

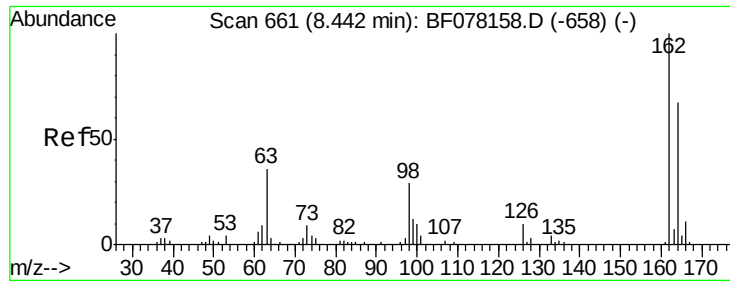
Tgt Ion: 122 Resp: 29432
 Ion Ratio Lower Upper
 122 100
 107 107.3 84.6 127.0
 121 58.7 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 27.31 ng
 RT: 8.12 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion: 93 Resp: 38399
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.3 39.5
 123 10.6 9.1 13.7

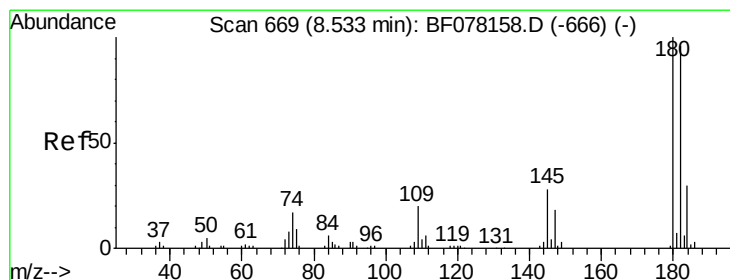
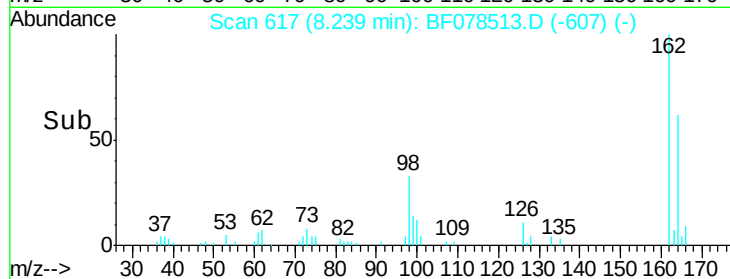
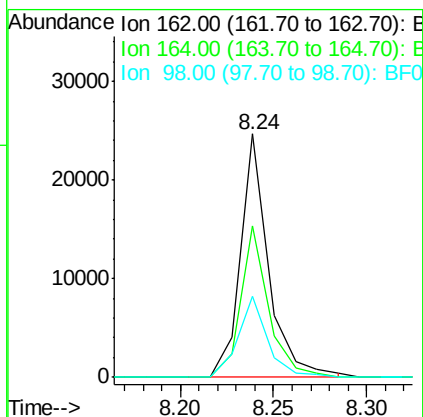
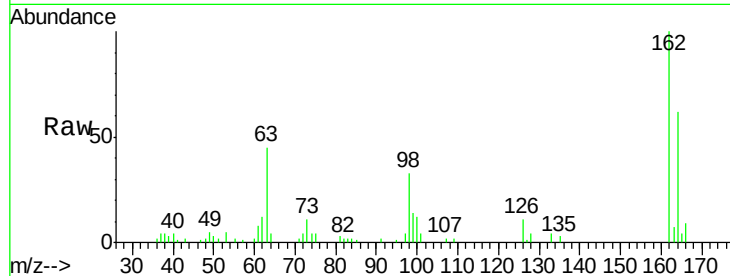




#29
 2,4-Dichlorophenol
 Concen: 26.61 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

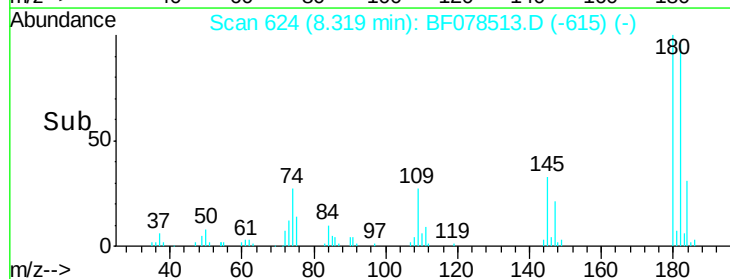
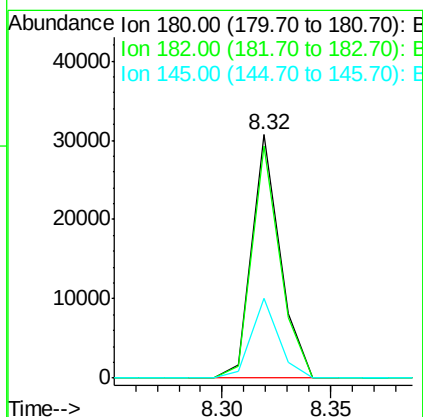
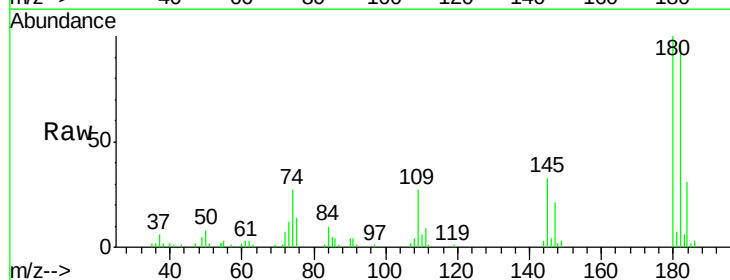
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

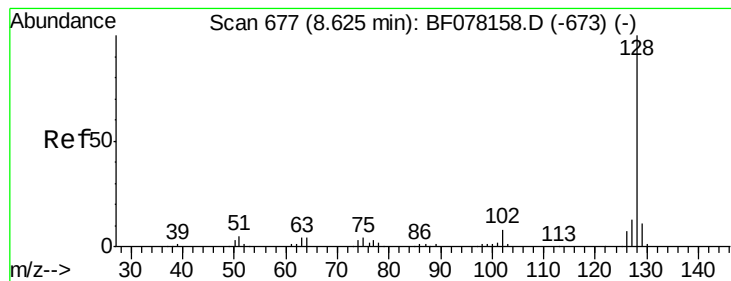
Tgt Ion:162 Resp: 25911
 Ion Ratio Lower Upper
 162 100
 164 62.3 47.0 87.0
 98 33.5 9.2 49.2



#30
 1,2,4-Trichlorobenzene
 Concen: 24.86 ng
 RT: 8.32 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:180 Resp: 27756
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 145 32.8 22.5 33.7





#31

Naphthalene

Concen: 27.79 ng

RT: 8.41 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

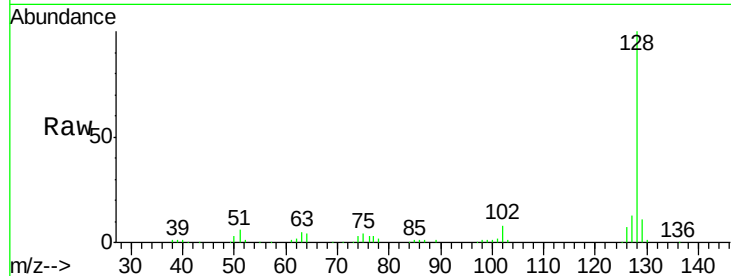
Tgt Ion:128 Resp: 101298

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

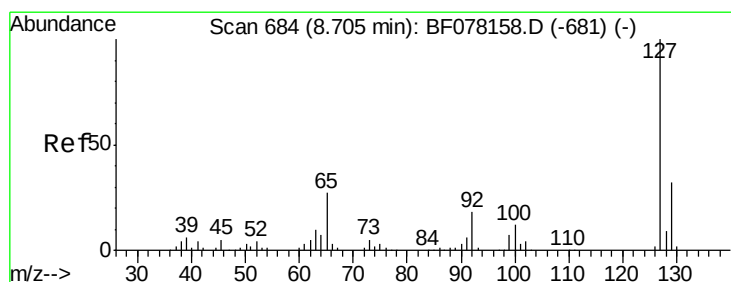
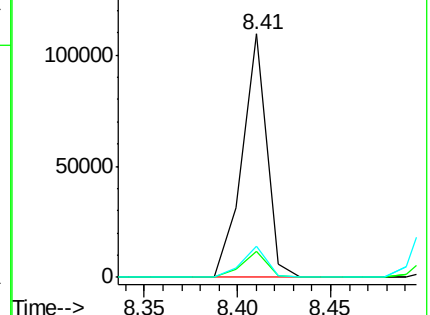
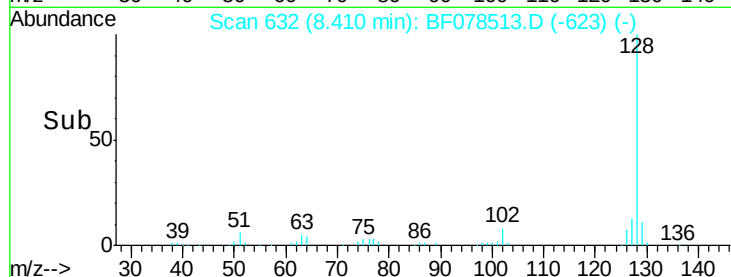
127 12.8 10.7 16.1



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



#33

4-Chloroaniline

Concen: 21.40 ng

RT: 8.50 min Scan# 640

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Tgt Ion:127 Resp: 32376

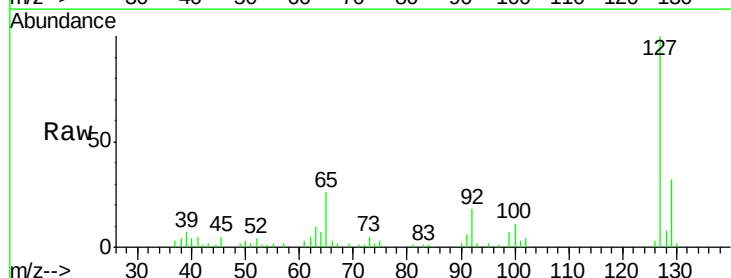
Ion Ratio Lower Upper

127 100

129 32.1 25.5 38.3

65 26.4 21.7 32.5

92 18.3 14.6 21.8

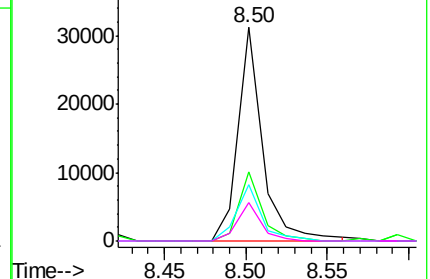
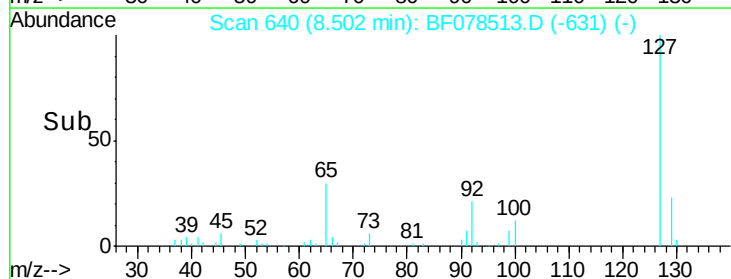


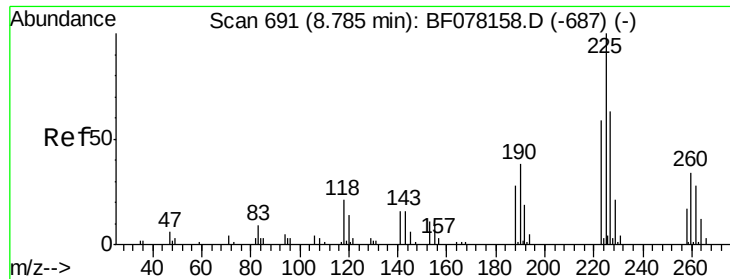
Abundance Ion 127.00 (126.70 to 127.70): E

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

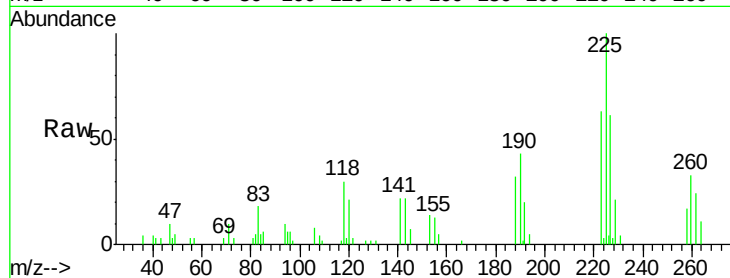




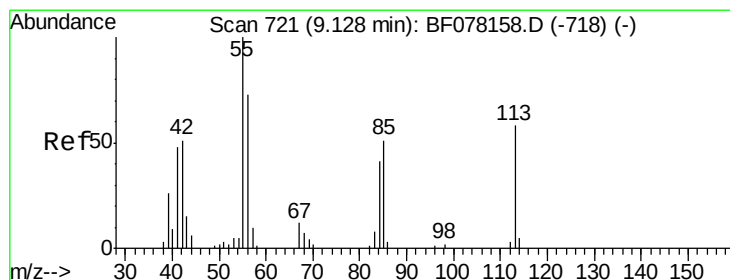
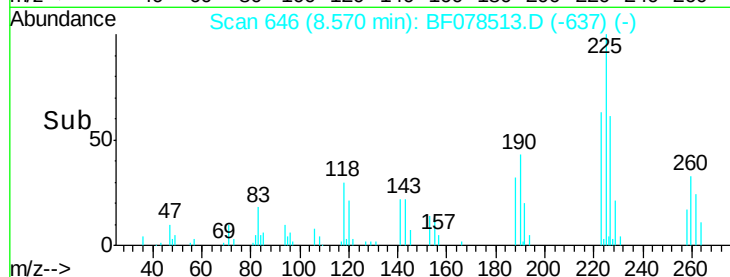
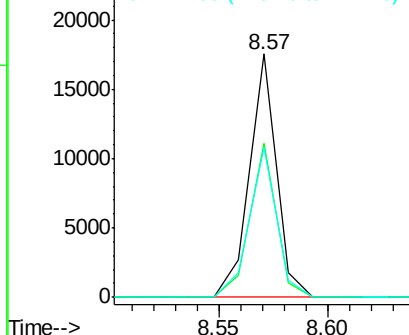
#34
Hexachlorobutadiene
Concen: 24.62 ng
RT: 8.57 min Scan# 646
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

Tgt Ion: 225 Resp: 15096
Ion Ratio Lower Upper
225 100
223 63.1 47.5 71.3
227 61.4 50.2 75.2

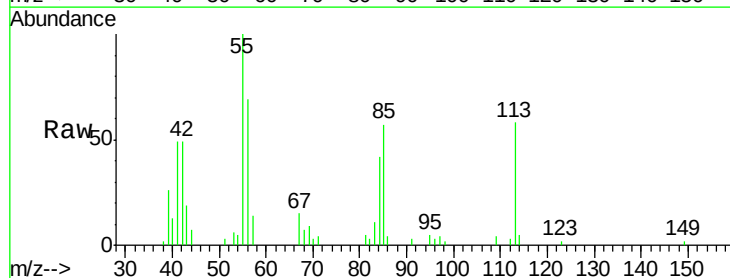


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

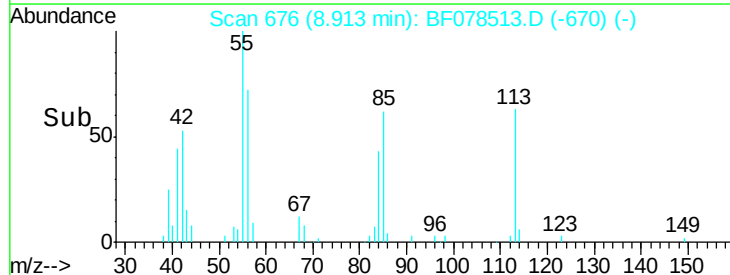
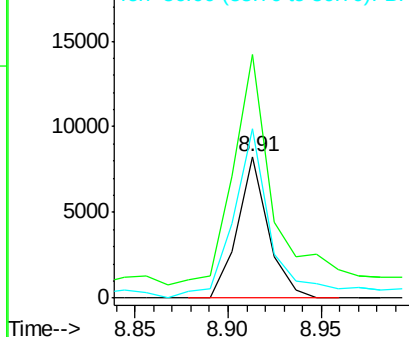


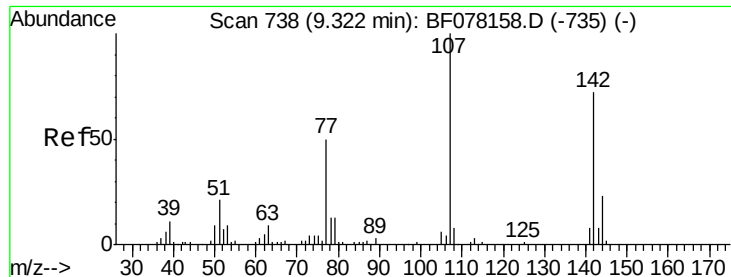
#35
Caprolactam
Concen: 32.72 ng
RT: 8.91 min Scan# 676
Delta R.T. -0.03 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion: 113 Resp: 9510
Ion Ratio Lower Upper
113 100
55 172.0 151.9 191.9
56 119.3 106.1 146.1



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

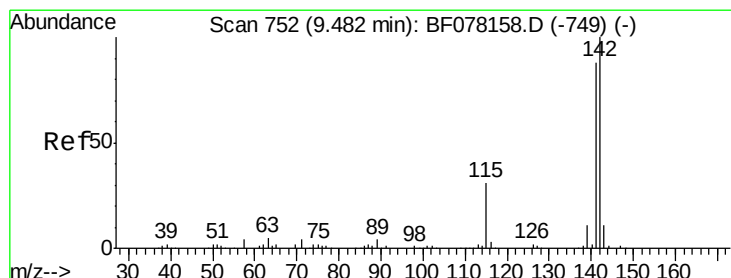
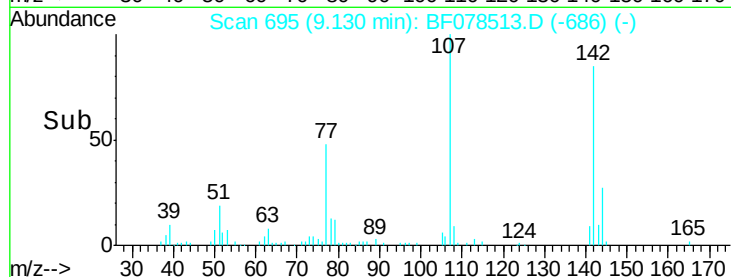
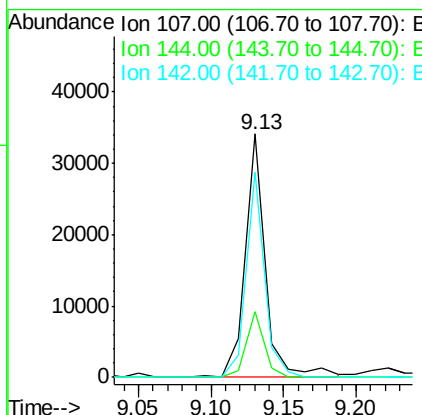
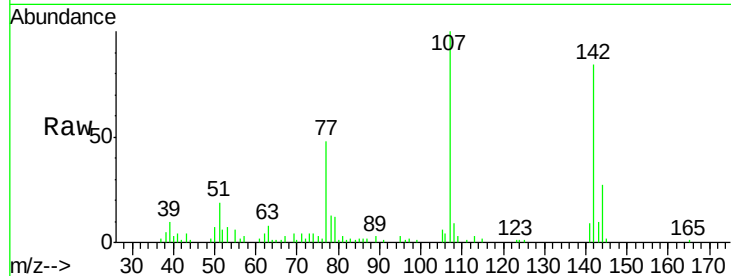




#36
 4-Chloro-3-methylphenol
 Concen: 33.65 ng
 RT: 9.13 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

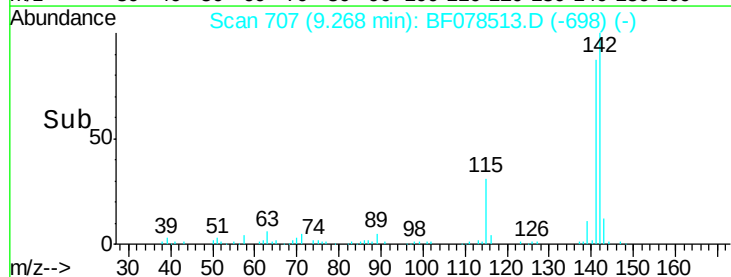
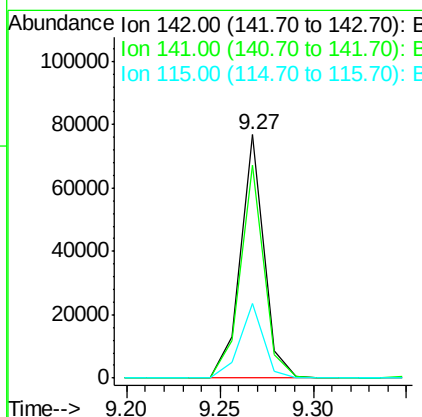
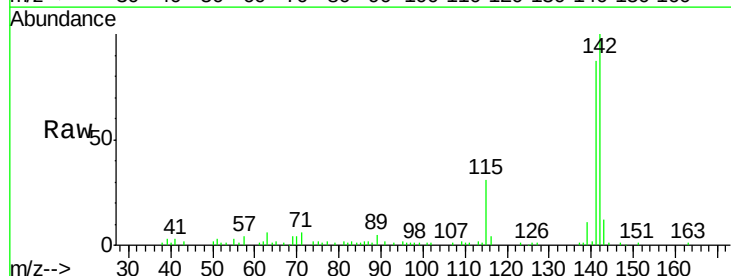
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

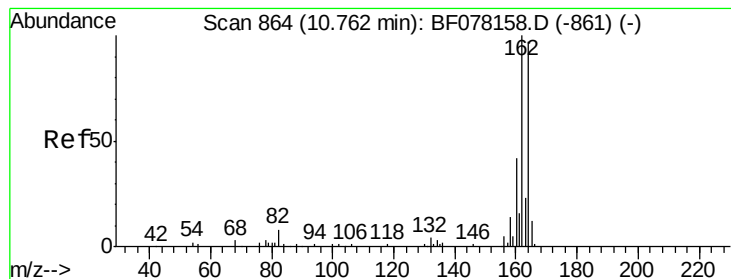
Tgt Ion:107 Resp: 33061
 Ion Ratio Lower Upper
 107 100
 144 26.9 18.2 27.2
 142 84.1 58.0 87.0



#37
 2-Methylnaphthalene
 Concen: 27.39 ng
 RT: 9.27 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:142 Resp: 67788
 Ion Ratio Lower Upper
 142 100
 141 87.3 70.3 105.5
 115 30.9 24.6 37.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.55 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

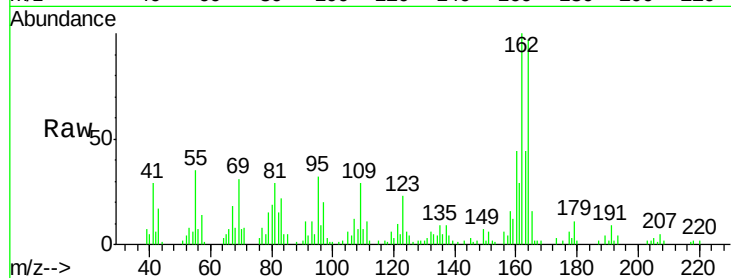
Tgt Ion:164 Resp: 37168

Ion Ratio Lower Upper

164 100

162 103.2 82.2 123.2

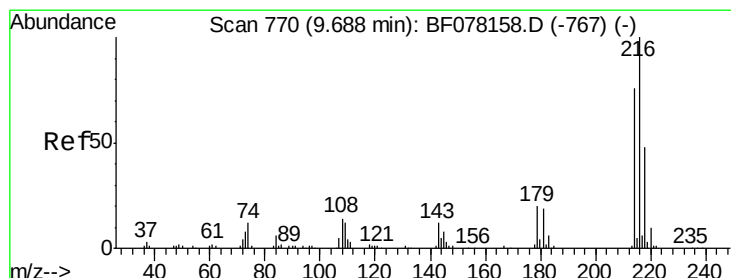
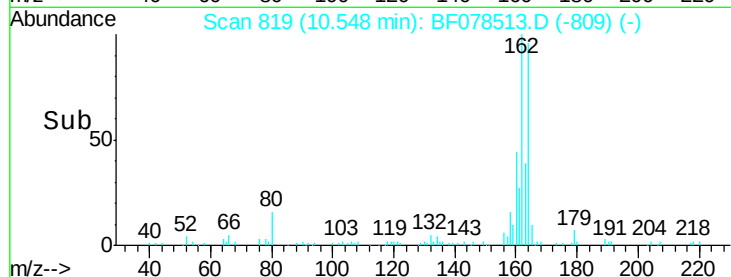
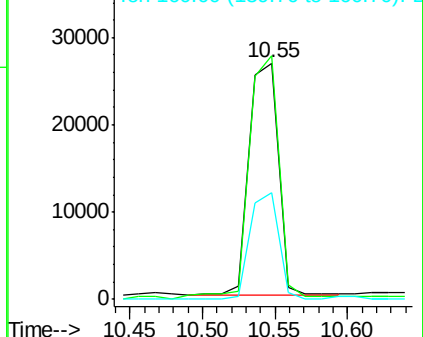
160 45.3 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.23 ng

RT: 9.47 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Tgt Ion:216 Resp: 27905

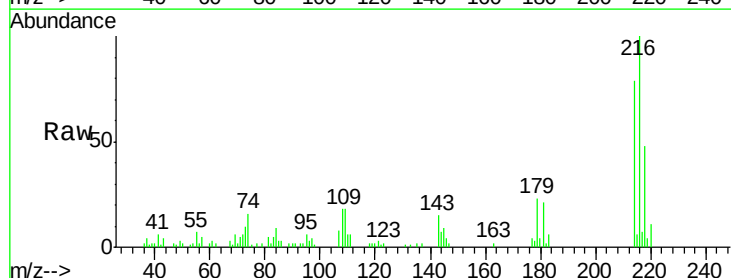
Ion Ratio Lower Upper

216 100

214 77.2 62.0 93.0

179 25.1 17.3 25.9

108 22.2 14.6 21.8#

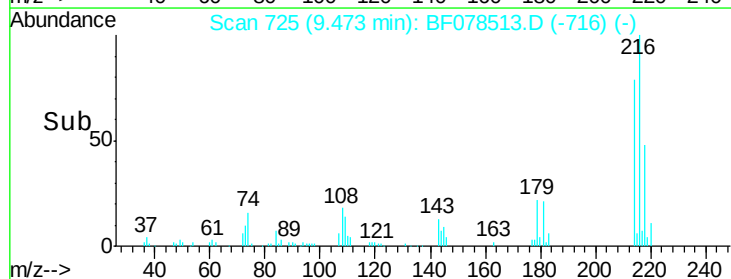
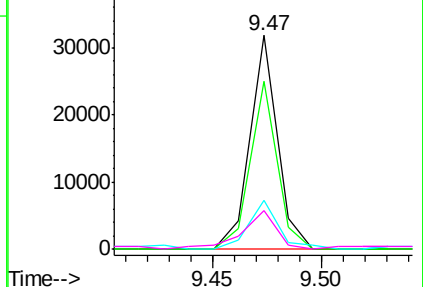


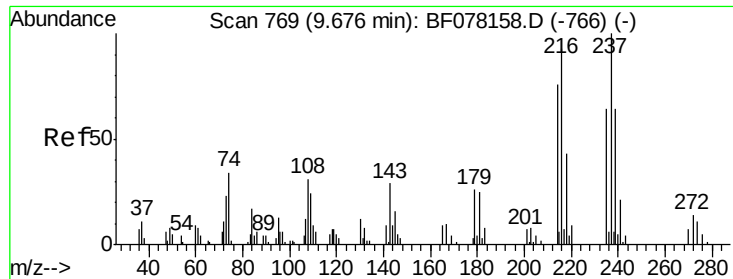
Abundance Ion 216.00 (215.70 to 216.70): E

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

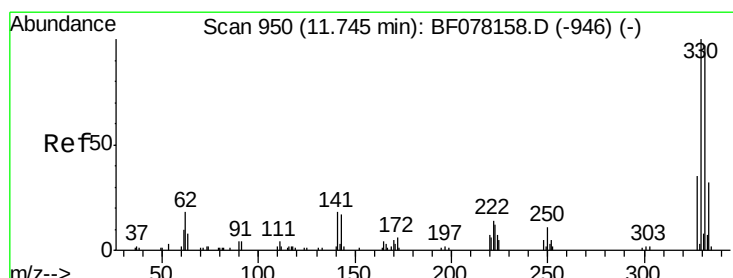
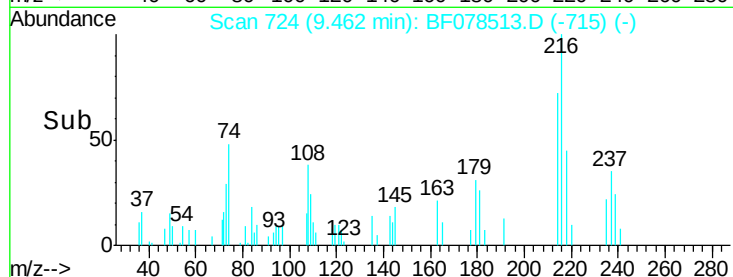
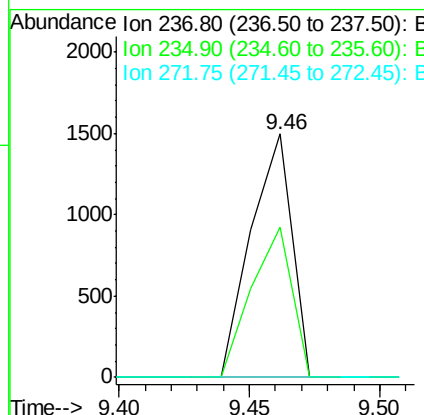
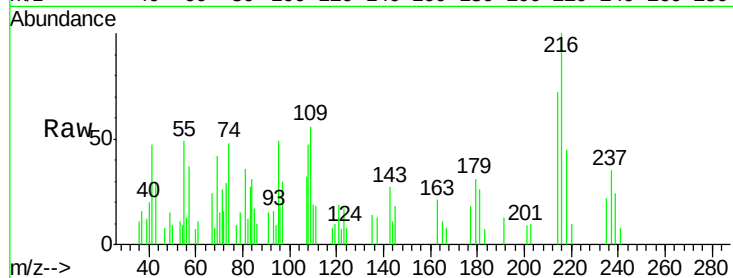




#40
 Hexachlorocyclopentadiene
 Concen: 9.86 ng
 RT: 9.46 min Scan# 724
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

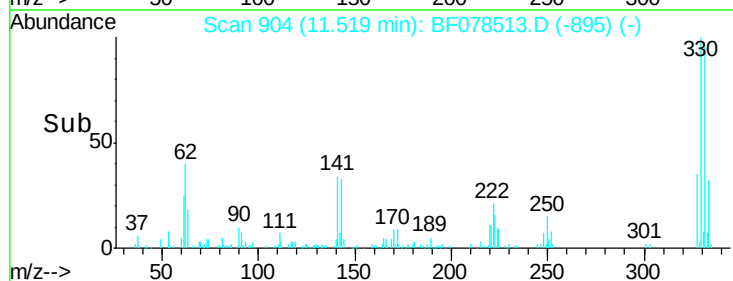
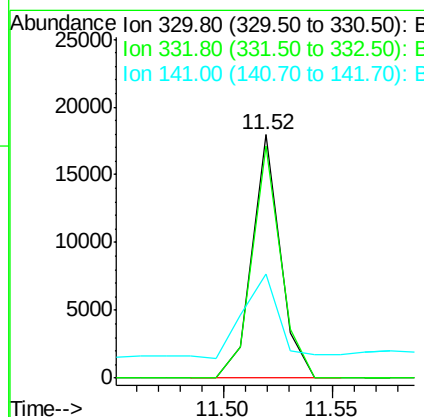
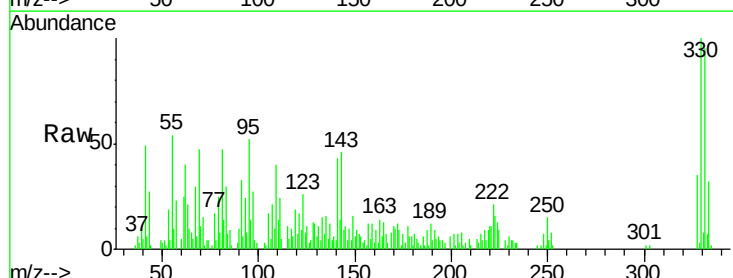
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

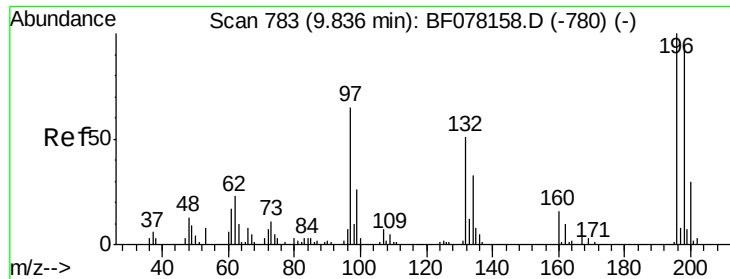
Tgt Ion: 237 Resp: 1650
 Ion Ratio Lower Upper
 237 100
 235 61.5 44.1 84.1
 272 0.0 0.0 34.4



#41
 2,4,6-Tribromophenol
 Concen: 52.54 ng
 RT: 11.52 min Scan# 904
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion: 330 Resp: 16197
 Ion Ratio Lower Upper
 330 100
 332 97.9 78.6 117.8
 141 40.8 31.2 46.8

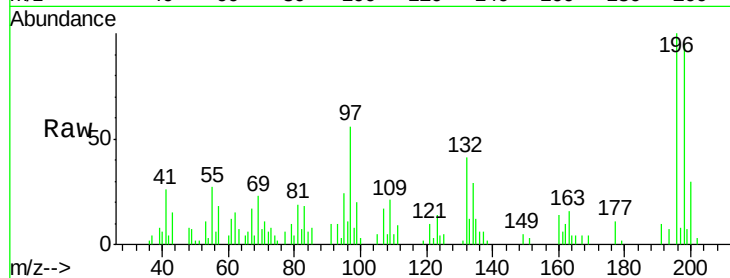




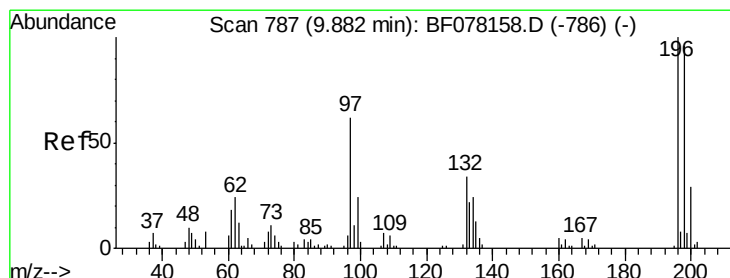
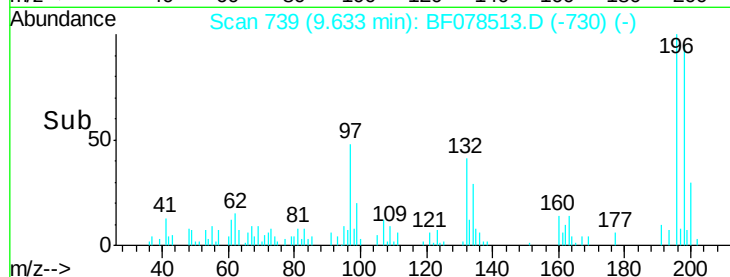
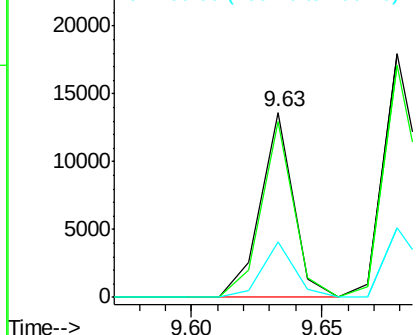
#42
 2,4,6-Trichlorophenol
 Concen: 16.64 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

Tgt Ion:196 Resp: 12082
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.4 113.2
 200 29.9 24.0 36.0

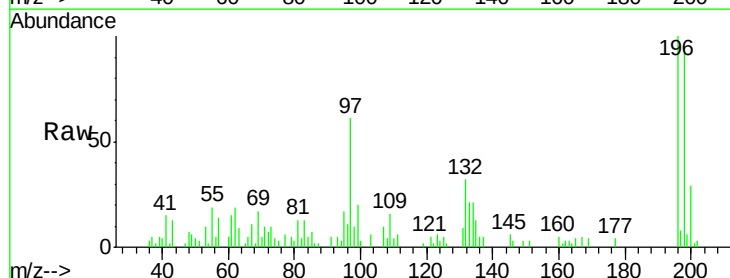


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

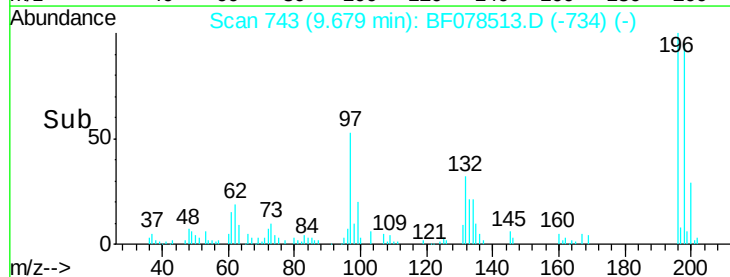
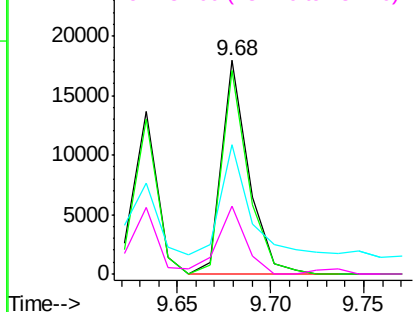


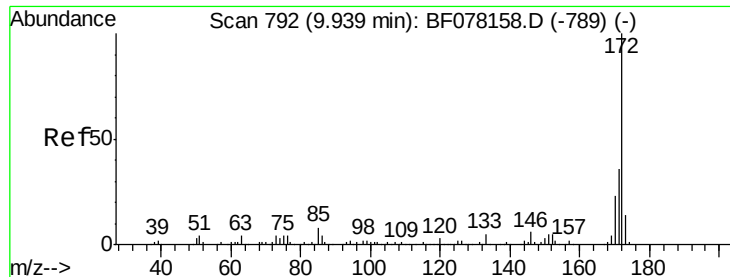
#43
 2,4,5-Trichlorophenol
 Concen: 24.09 ng
 RT: 9.68 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:196 Resp: 18280
 Ion Ratio Lower Upper
 196 100
 198 95.5 76.6 115.0
 97 60.7 50.6 75.8
 132 31.5 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: 48.53 ng

RT: 9.74 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

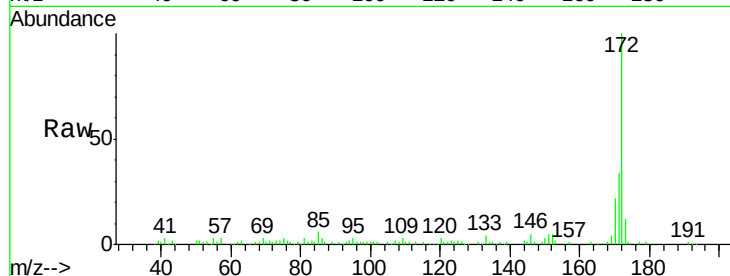
Tgt Ion:172 Resp: 126189

Ion Ratio Lower Upper

172 100

171 33.6 28.6 42.8

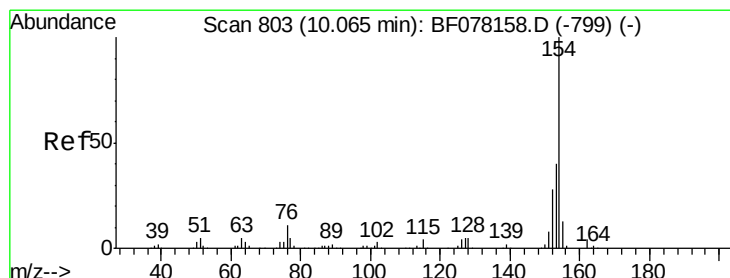
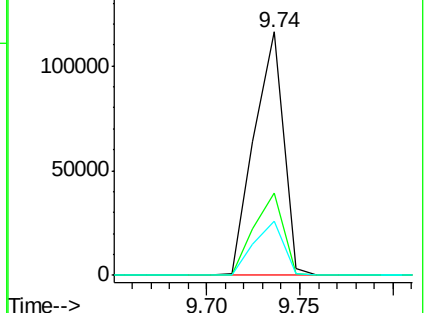
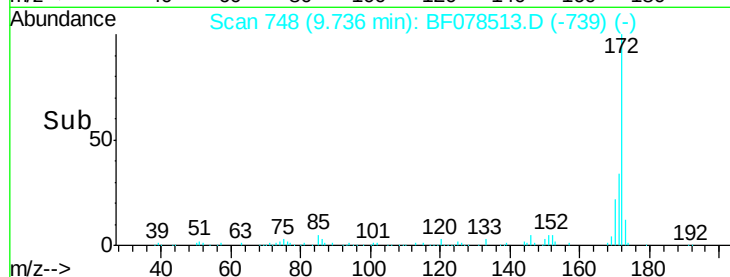
170 22.2 18.5 27.7



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: 27.03 ng

RT: 9.85 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

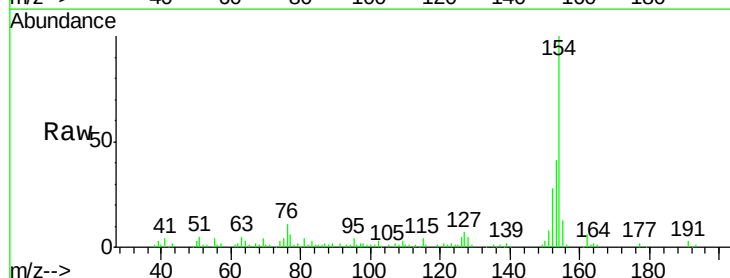
Tgt Ion:154 Resp: 82189

Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

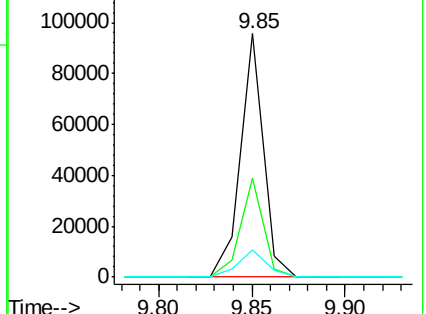
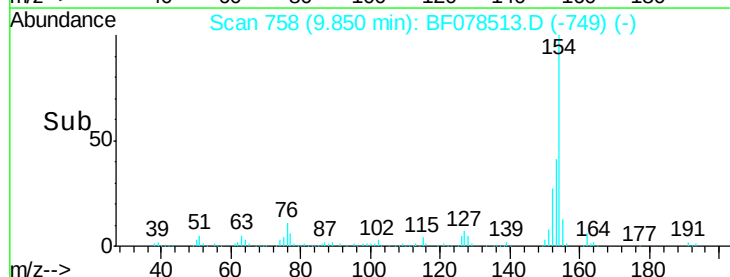
76 11.4 0.0 30.6

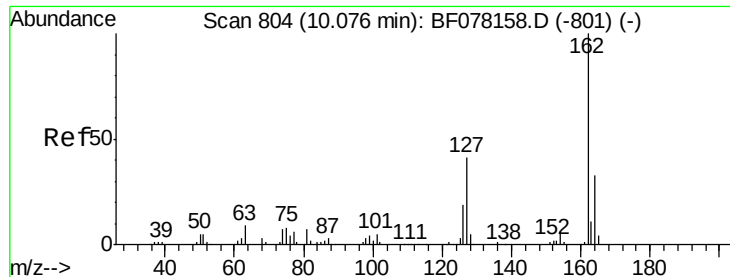


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0

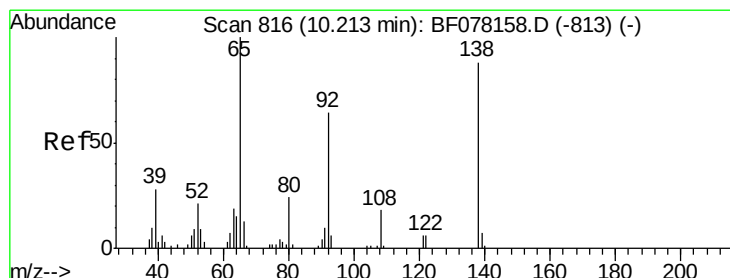
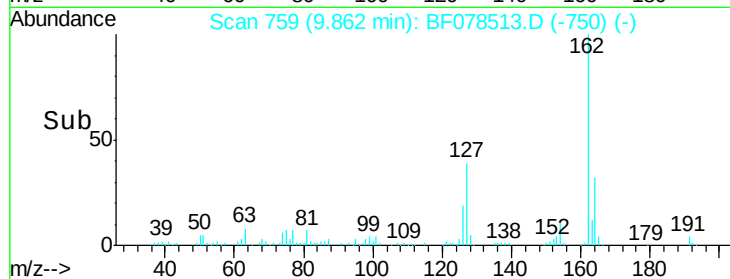
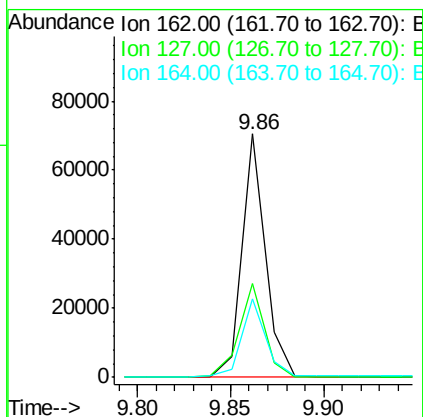
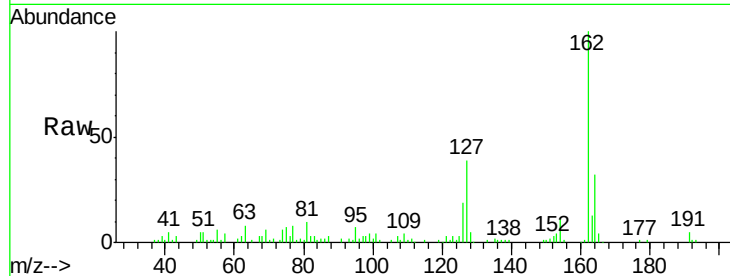




#46
 2-Chloronaphthalene
 Concen: 25.79 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

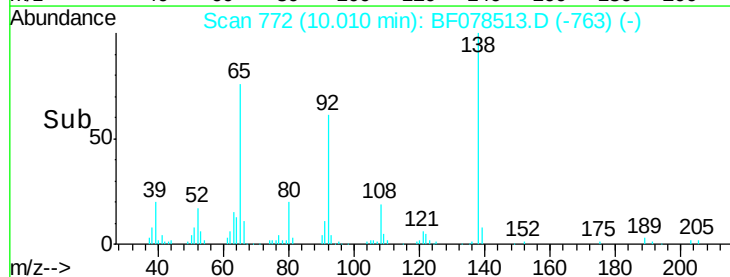
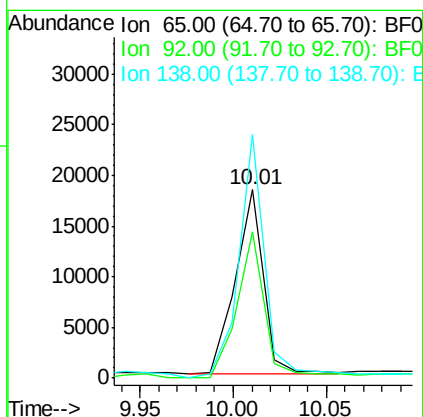
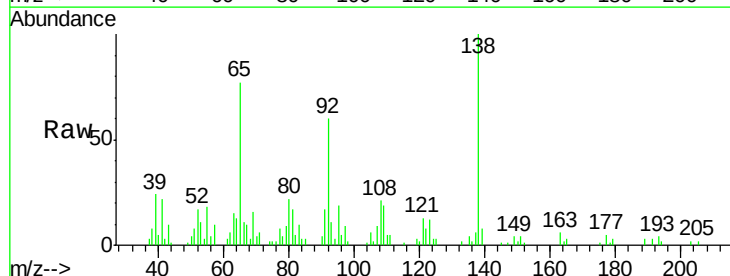
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

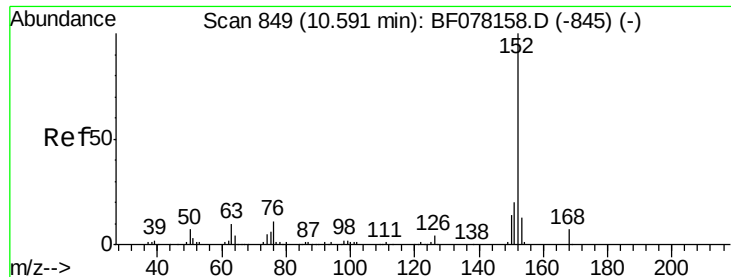
Tgt Ion:162 Resp: 61683
 Ion Ratio Lower Upper
 162 100
 127 38.6 32.6 49.0
 164 32.2 26.0 39.0



#47
 2-Nitroaniline
 Concen: 31.84 ng
 RT: 10.01 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion: 65 Resp: 18845
 Ion Ratio Lower Upper
 65 100
 92 77.6 51.3 76.9#
 138 129.2 70.4 105.6#





#48

Acenaphthylene

Concen: 27.41 ng

RT: 10.36 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

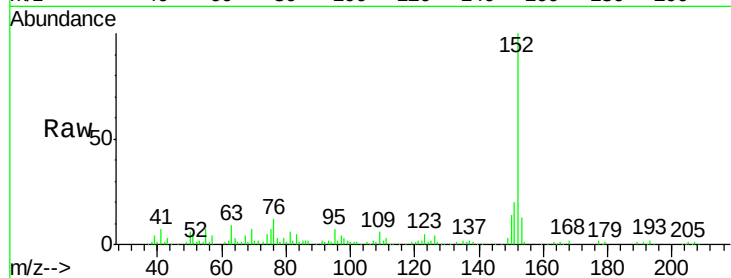
Tgt Ion:152 Resp: 105894

Ion Ratio Lower Upper

152 100

151 20.3 15.7 23.5

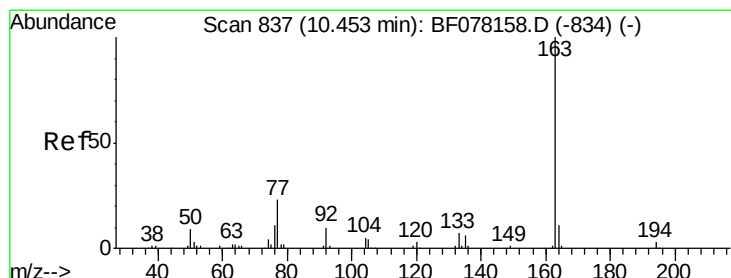
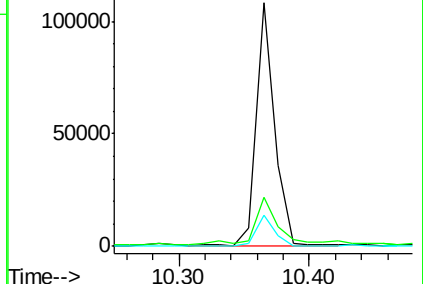
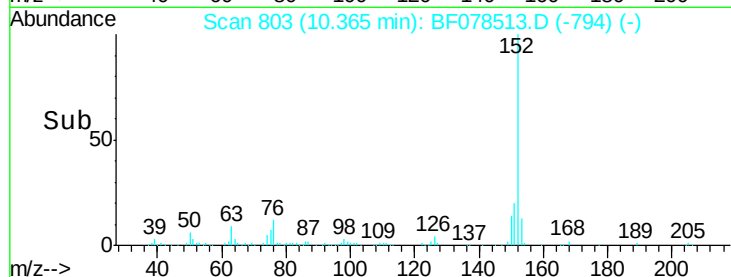
153 13.0 10.2 15.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 30.24 ng

RT: 10.25 min Scan# 793

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

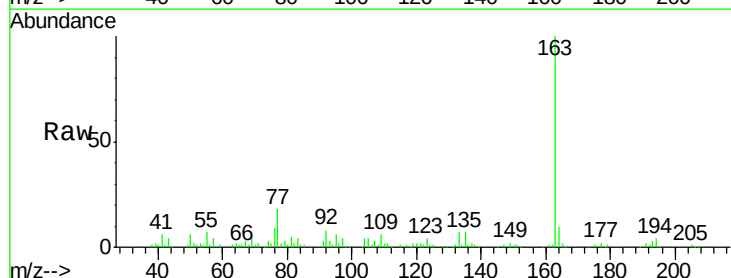
Tgt Ion:163 Resp: 84450

Ion Ratio Lower Upper

163 100

194 3.6 2.3 3.5#

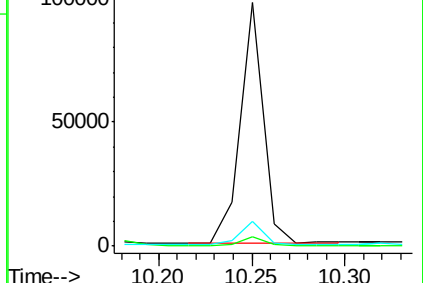
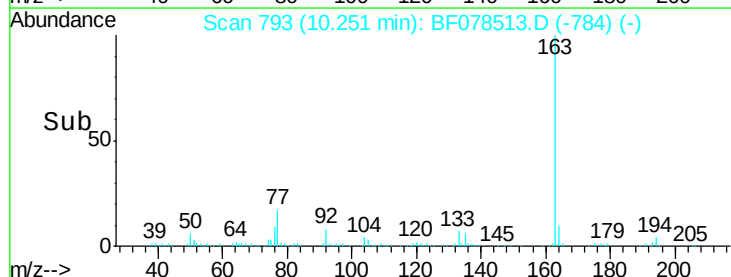
164 10.1 8.6 13.0

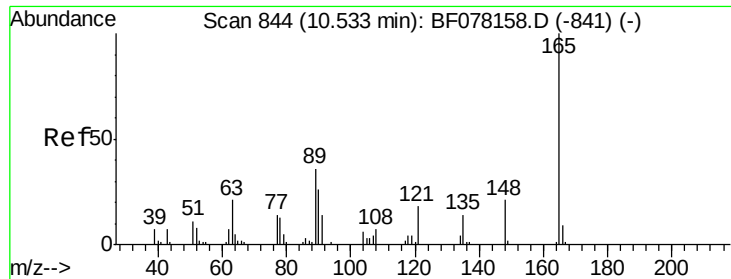


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

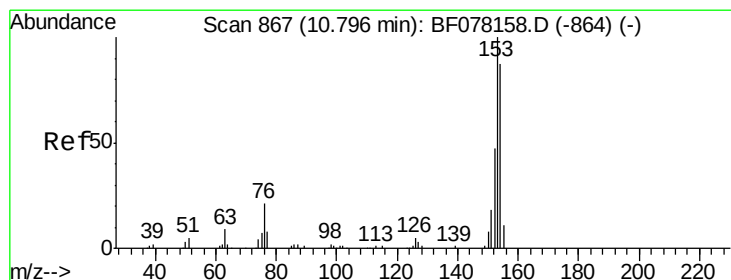
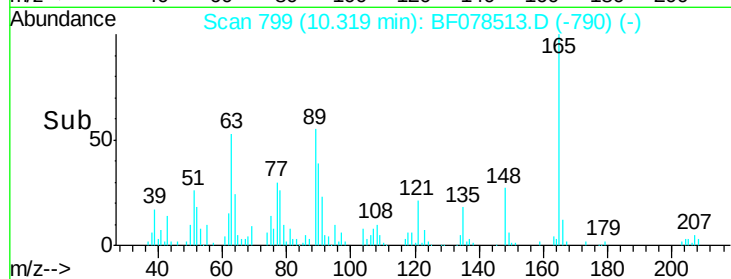
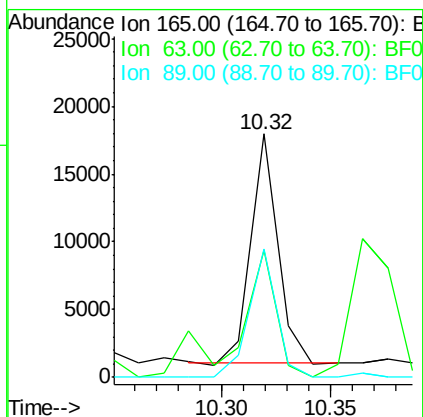
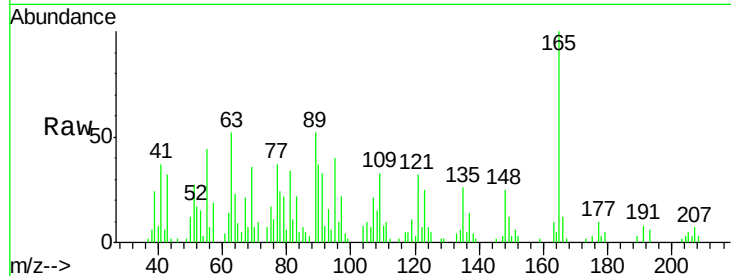




#50
 2,6-Dinitrotoluene
 Concen: 24.87 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

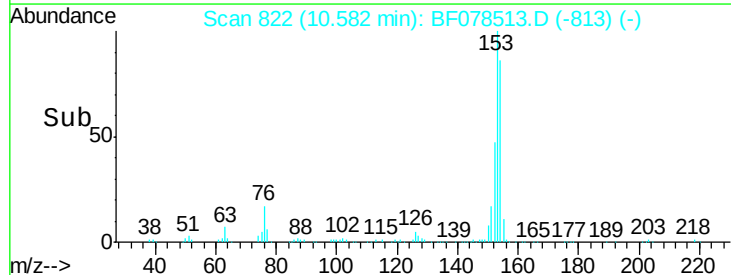
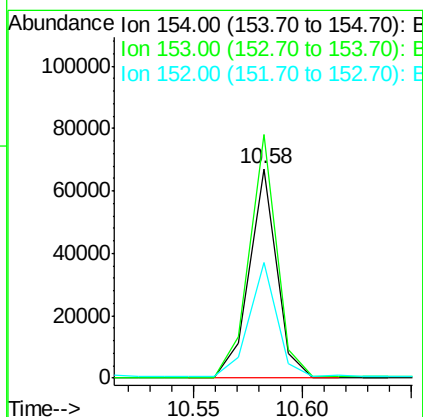
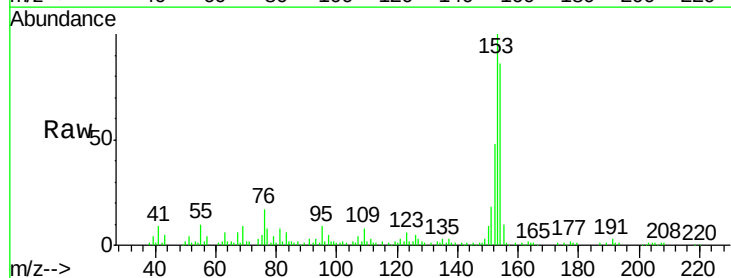
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

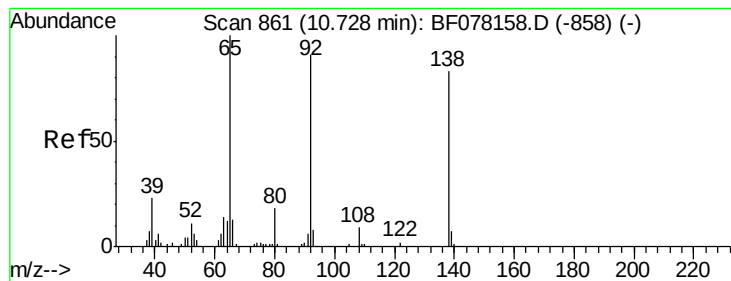
Tgt Ion:165 Resp: 14287
 Ion Ratio Lower Upper
 165 100
 63 52.5 24.1 36.1#
 89 52.5 28.9 43.3#



#51
 Acenaphthene
 Concen: 27.18 ng
 RT: 10.58 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:154 Resp: 59111
 Ion Ratio Lower Upper
 154 100
 153 116.1 91.4 137.2
 152 55.4 43.0 64.6





#52

3-Nitroaniline

Concen: 33.44 ng

RT: 10.51 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

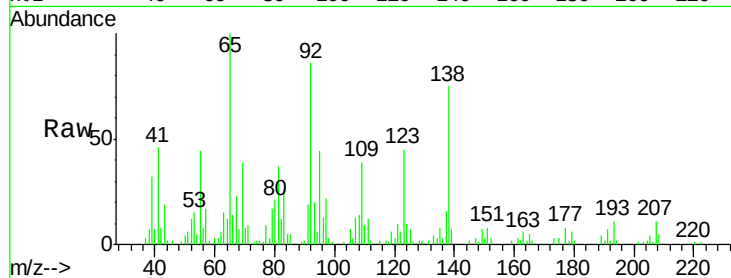
Tgt Ion:138 Resp: 21847

Ion Ratio Lower Upper

138 100

108 18.6 8.2 12.4#

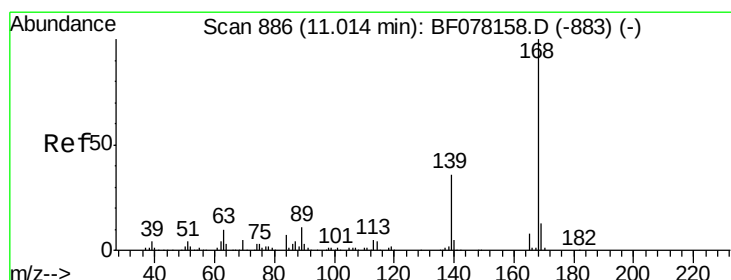
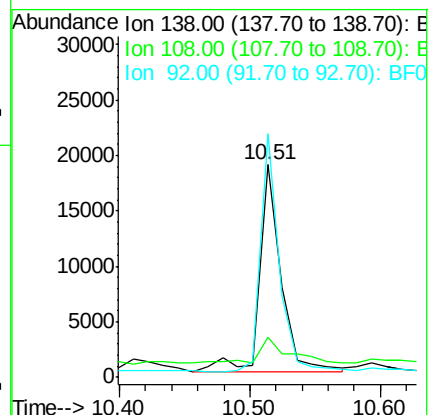
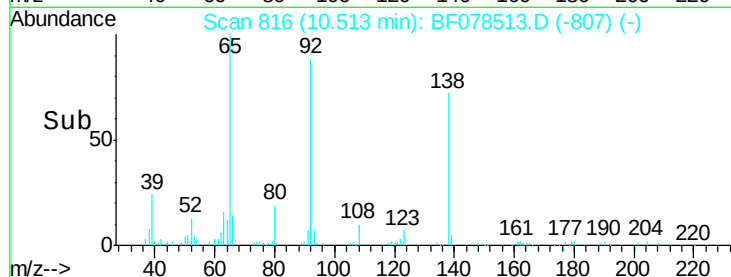
92 114.5 88.4 132.6



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



#54

Dibenzofuran

Concen: 27.40 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

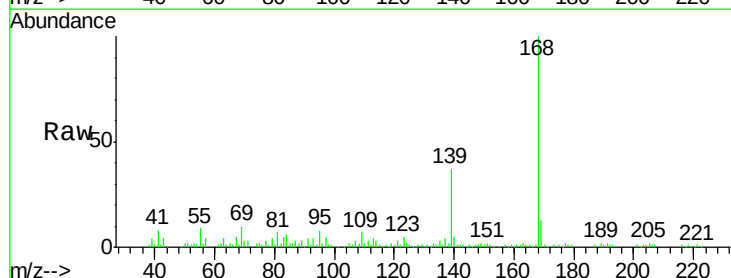
Tgt Ion:168 Resp: 91029

Ion Ratio Lower Upper

168 100

139 36.6 31.0 46.4

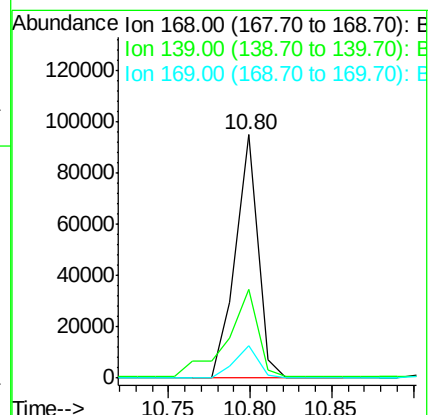
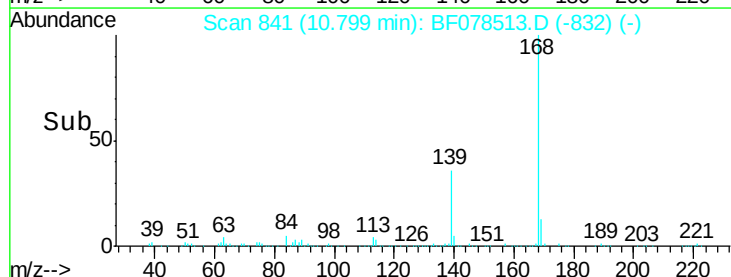
169 13.2 10.7 16.1

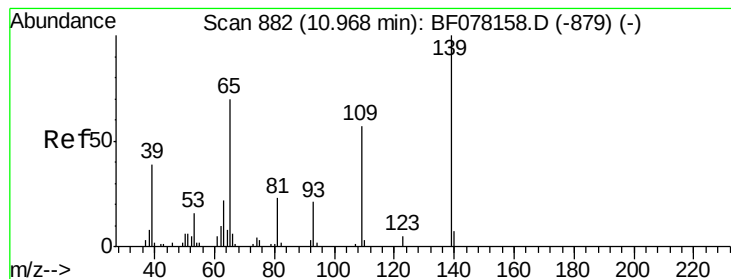


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 22.01 ng m

RT: 10.78 min Scan# 839

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

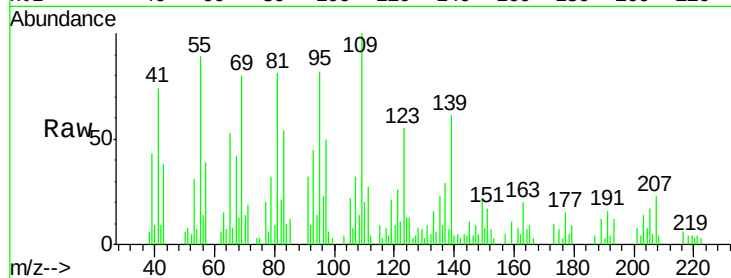
Tgt Ion:139 Resp: 9587

Ion Ratio Lower Upper

139 100

109 164.5 36.7 76.7#

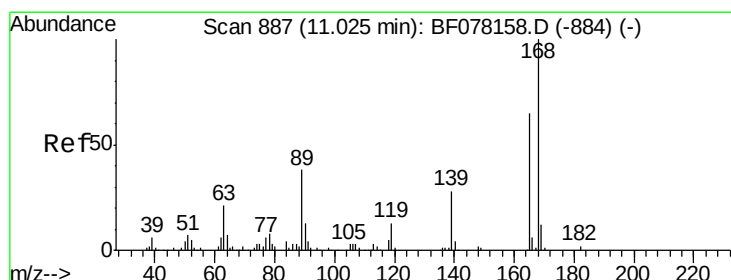
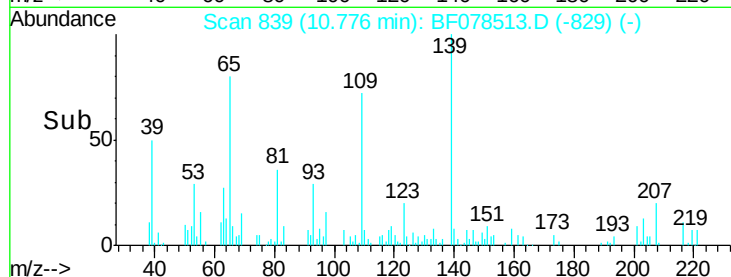
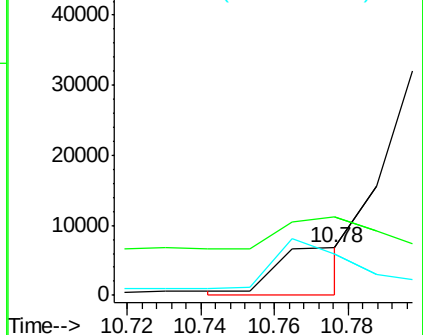
65 87.0 49.9 89.9



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: 26.10 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Tgt Ion:165 Resp: 19418

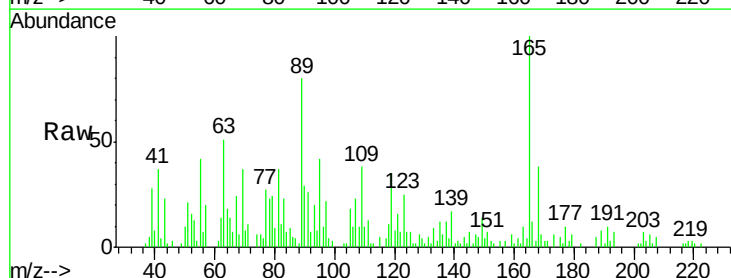
Ion Ratio Lower Upper

165 100

63 51.3 26.5 39.7#

89 80.4 46.4 69.6#

182 2.3 2.0 3.0

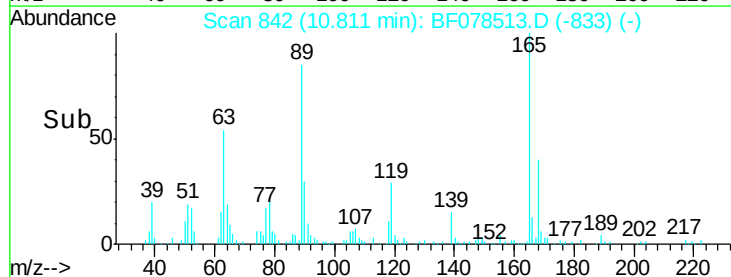
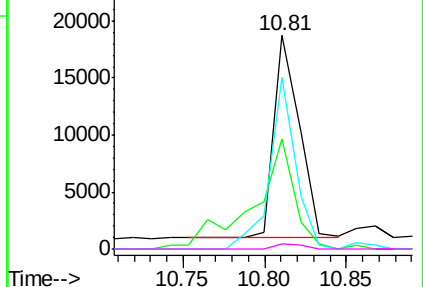


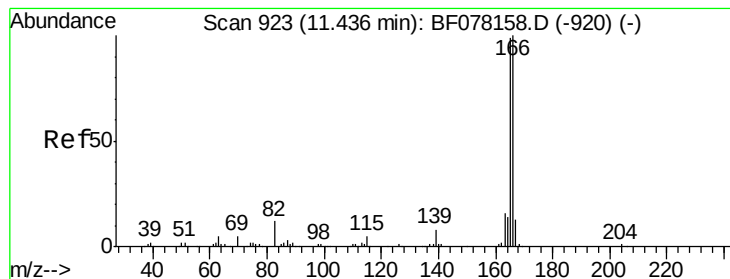
Abundance Ion 165.00 (164.70 to 165.70): E

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: 28.98 ng

RT: 11.22 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

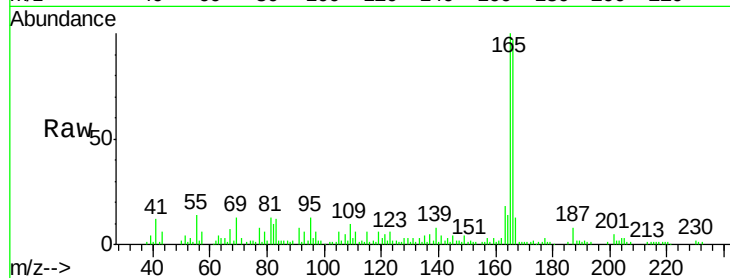
Tgt Ion:166 Resp: 78032

Ion Ratio Lower Upper

166 100

165 103.2 78.9 118.3

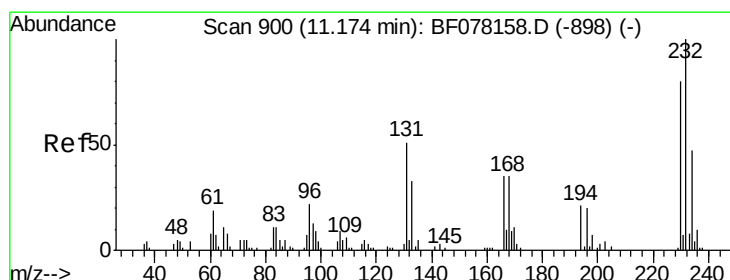
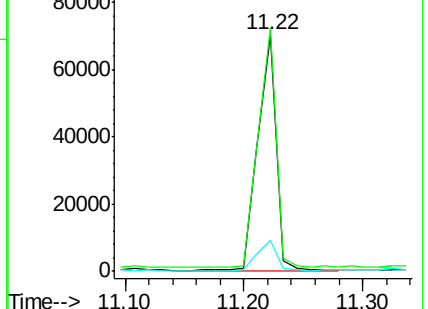
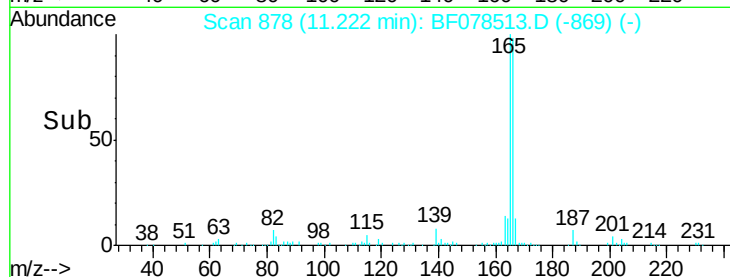
167 13.4 10.7 16.1



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: 14.09 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Tgt Ion:232 Resp: 7927

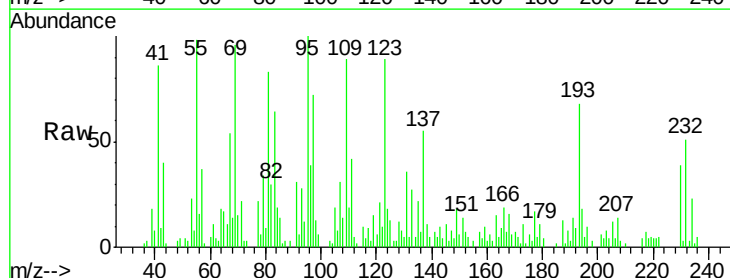
Ion Ratio Lower Upper

232 100

131 59.0 37.8 56.8#

130 7.4 1.5 2.3#

166 38.5 25.8 38.6

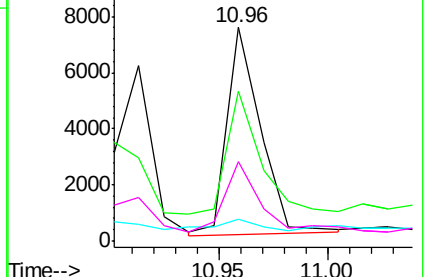
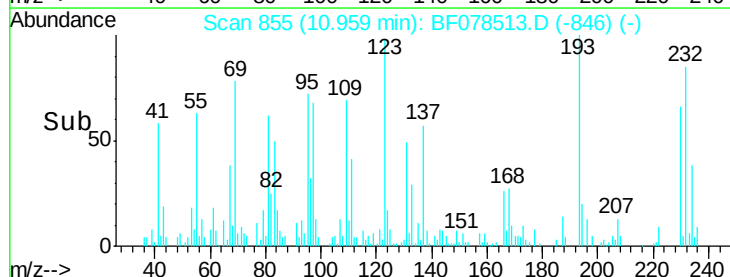


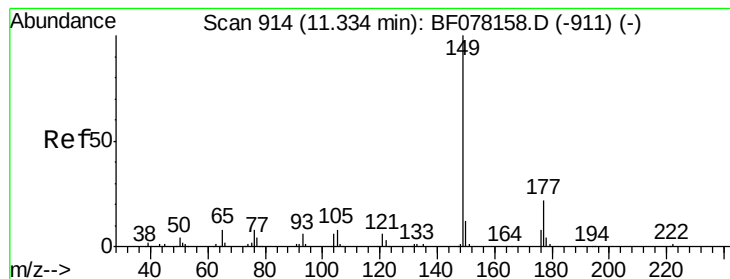
Abundance Ion 232.00 (231.70 to 232.70): E

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: 25.86 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

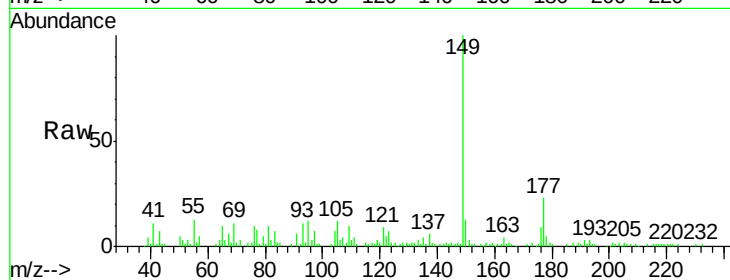
Tgt Ion:149 Resp: 69616

Ion Ratio Lower Upper

149 100

177 23.2 17.4 26.2

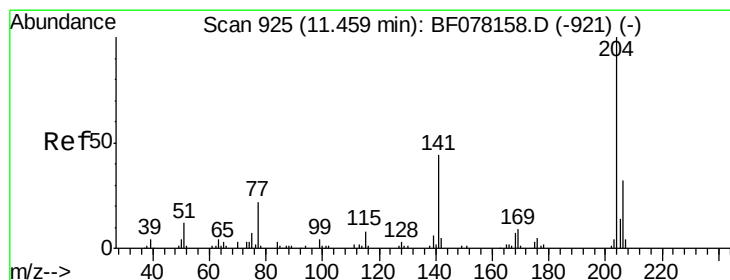
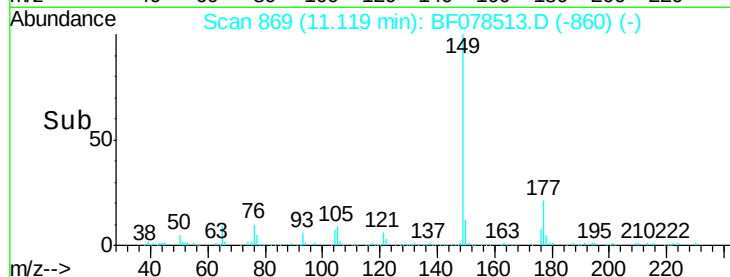
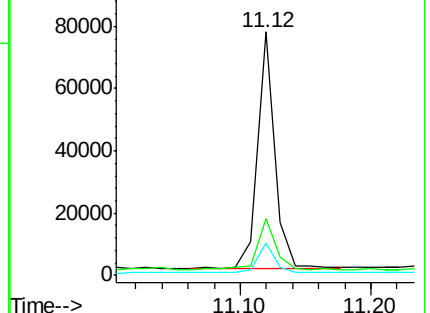
150 13.1 9.4 14.2



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: 26.80 ng

RT: 11.23 min Scan# 879

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

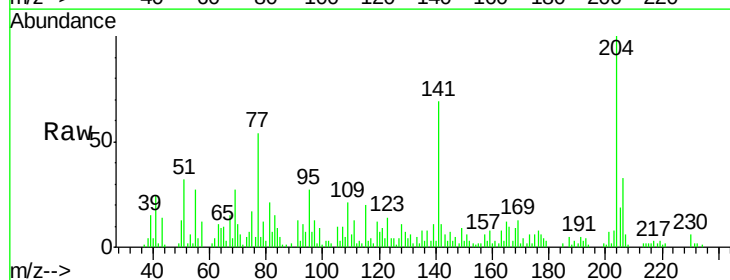
Tgt Ion:204 Resp: 33199

Ion Ratio Lower Upper

204 100

206 33.4 25.6 38.4

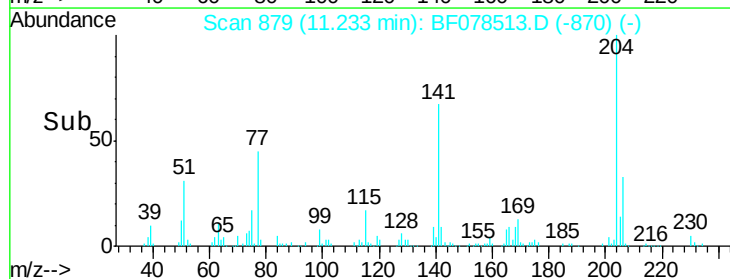
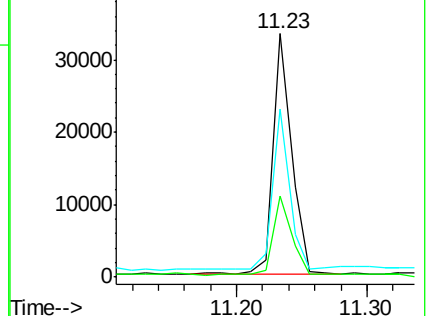
141 68.8 35.4 53.0#

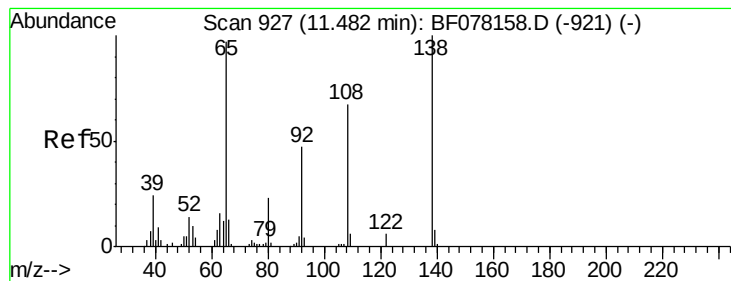


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 31.04 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

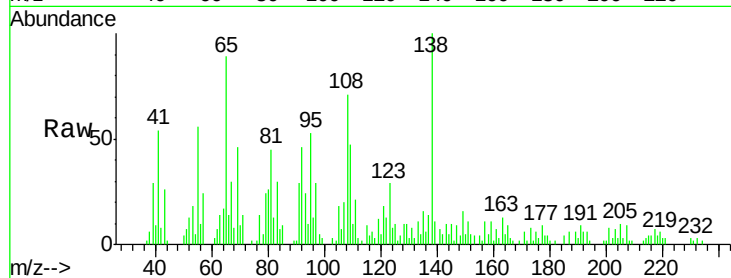
Tgt Ion:138 Resp: 20499

Ion Ratio Lower Upper

138 100

92 45.8 27.3 67.3

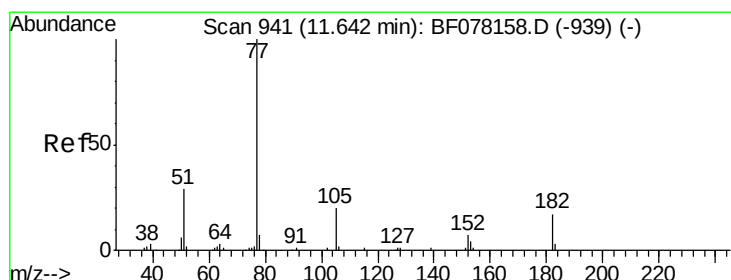
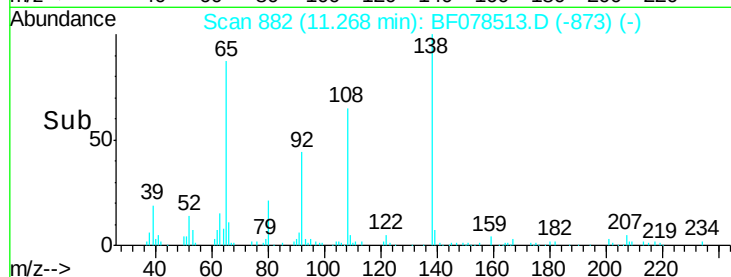
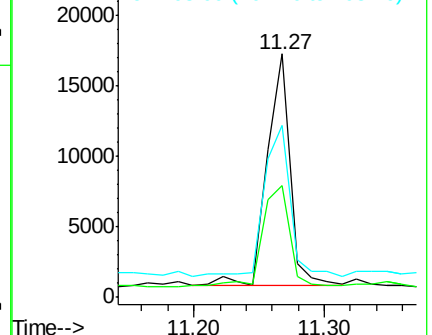
108 70.7 47.2 87.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 29.14 ng

RT: 11.43 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Tgt Ion: 77 Resp: 71596

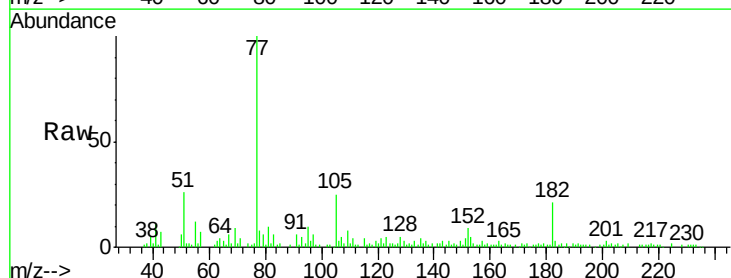
Ion Ratio Lower Upper

77 100

182 21.1 0.0 36.8

105 25.0 0.3 40.3

51 26.3 9.1 49.1

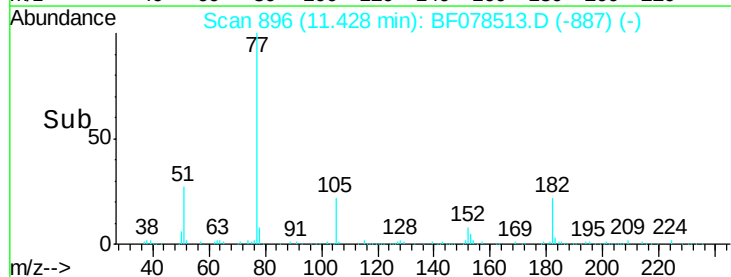
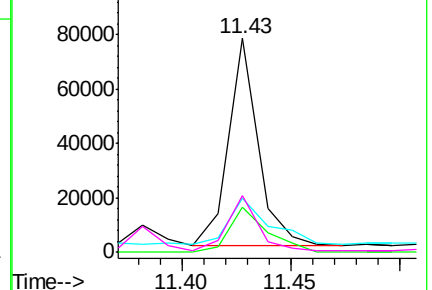


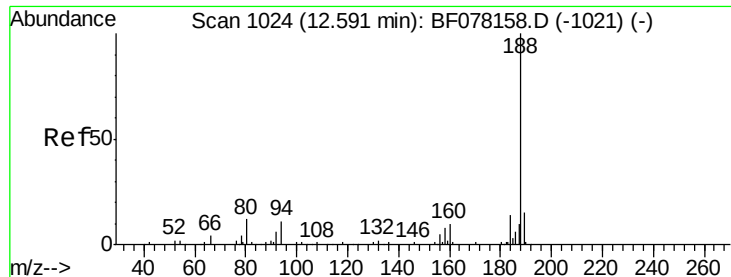
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

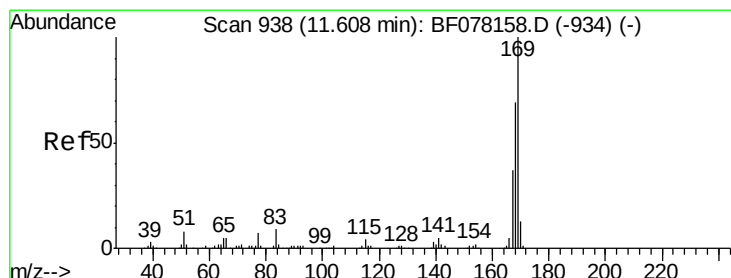
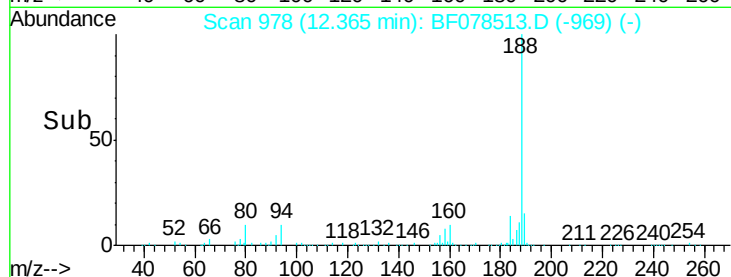
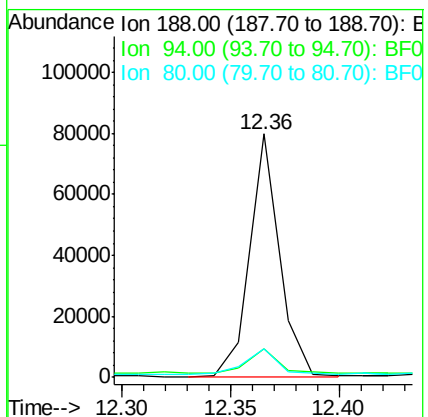
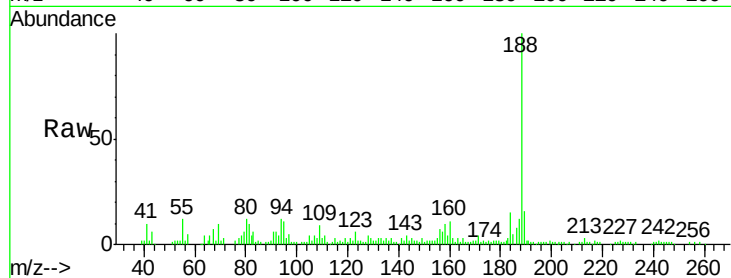




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

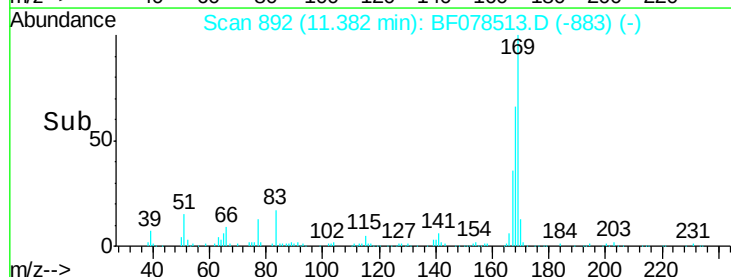
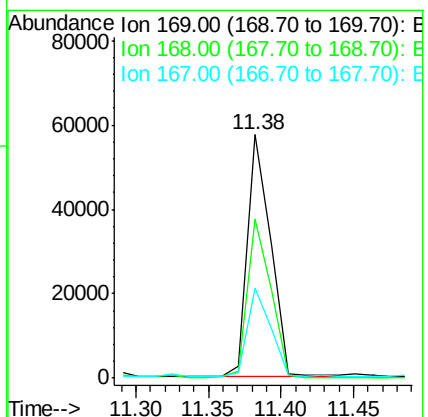
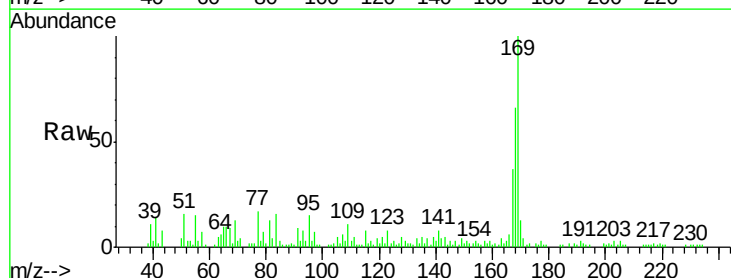
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

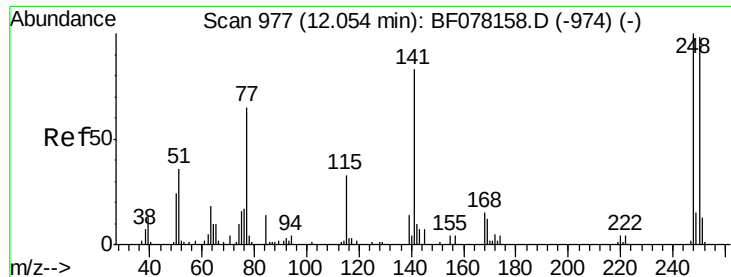
Tgt Ion:188 Resp: 76444
Ion Ratio Lower Upper
188 100
94 11.8 9.0 13.4
80 11.6 9.5 14.3



#65
n-Nitrosodiphenylamine
Concen: 24.18 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion:169 Resp: 63927
Ion Ratio Lower Upper
169 100
168 65.5 55.0 82.4
167 36.8 29.3 43.9

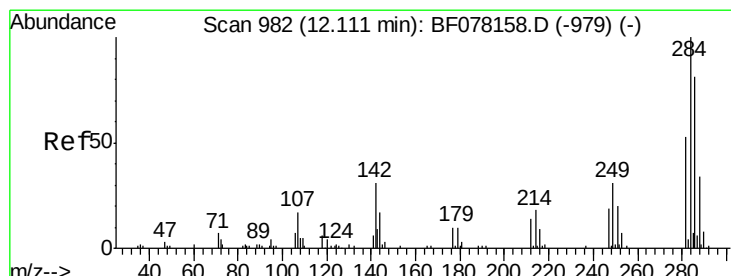
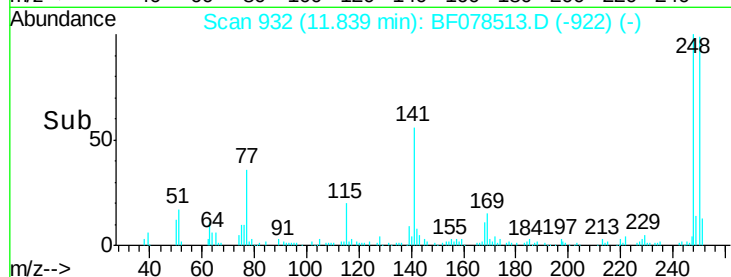
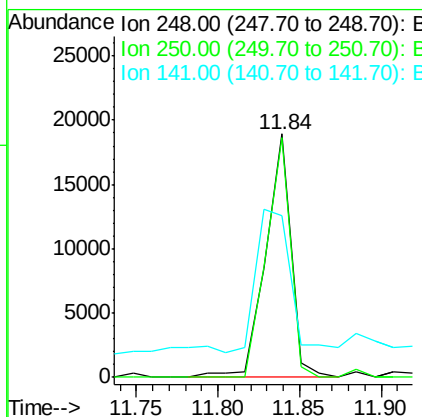
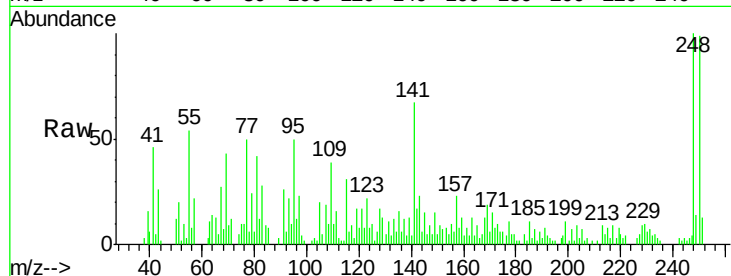




#66
4-Bromophenyl-phenylether
Concen: 25.35 ng
RT: 11.84 min Scan# 932
Delta R.T. 0.01 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

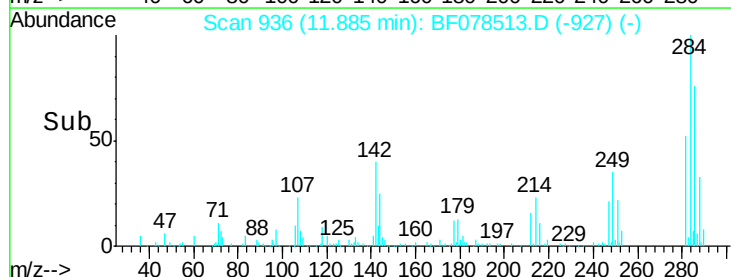
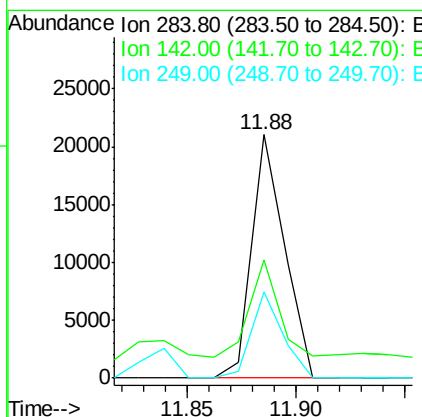
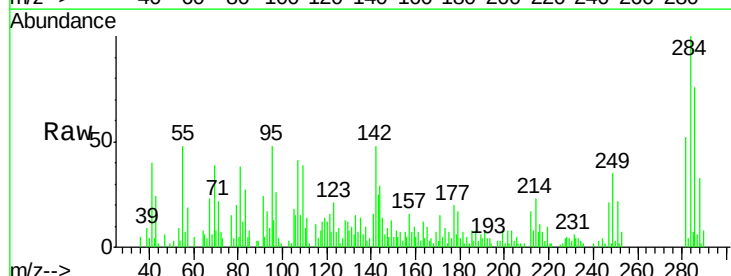
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

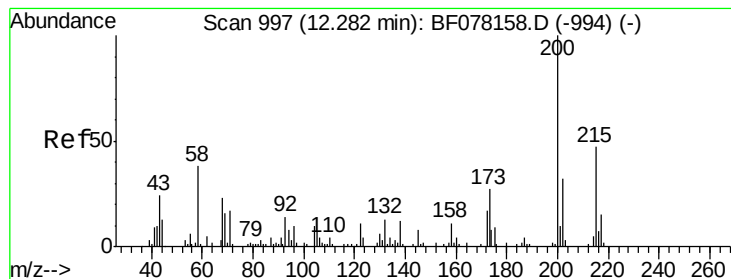
Tgt Ion:248 Resp: 20524
Ion Ratio Lower Upper
248 100
250 98.6 78.2 117.2
141 66.6 66.4 99.6



#67
Hexachlorobenzene
Concen: 24.80 ng
RT: 11.88 min Scan# 936
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion:284 Resp: 22002
Ion Ratio Lower Upper
284 100
142 48.3 24.5 36.7#
249 35.2 24.8 37.2





#68

Atrazine

Concen: 28.98 ng

RT: 12.07 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

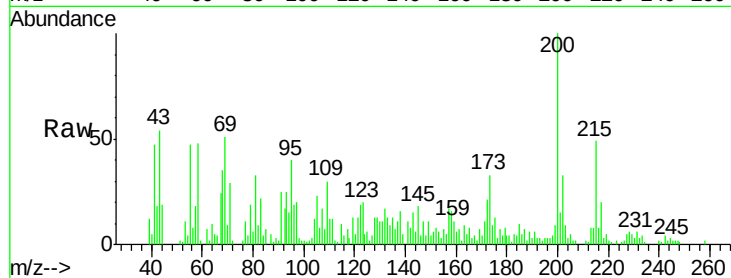
Tgt Ion:200 Resp: 22195

Ion Ratio Lower Upper

200 100

173 32.8 6.9 46.9

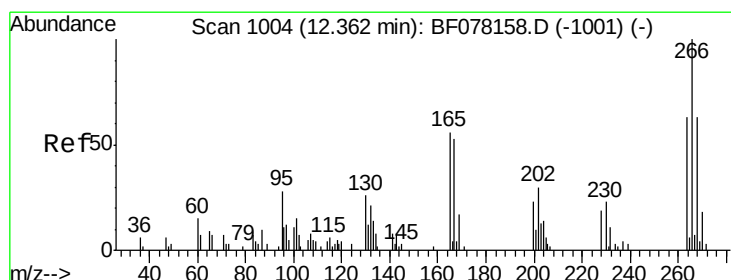
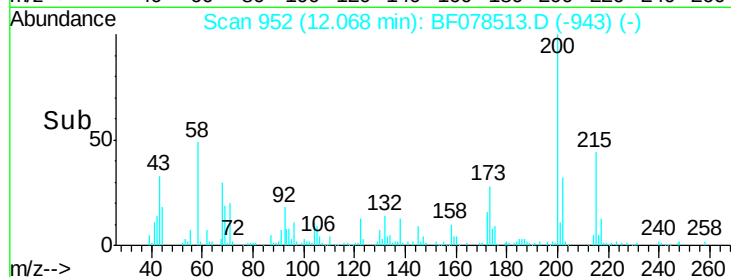
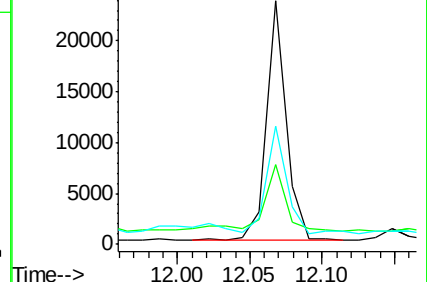
215 48.6 27.1 67.1



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: 22.73 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

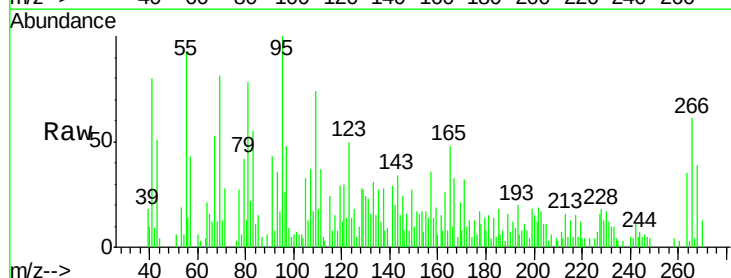
Tgt Ion:266 Resp: 6524

Ion Ratio Lower Upper

266 100

268 63.3 50.1 75.1

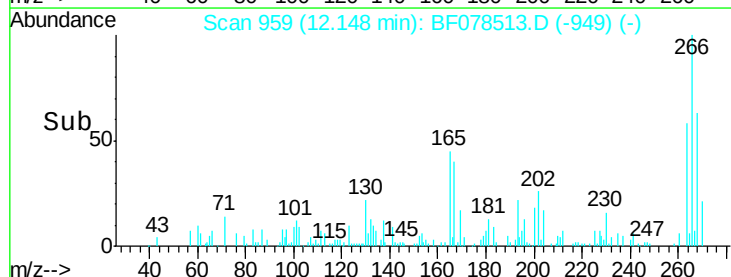
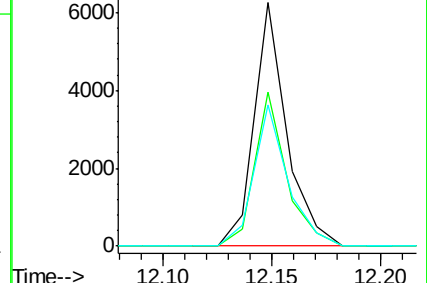
264 57.8 50.0 75.0

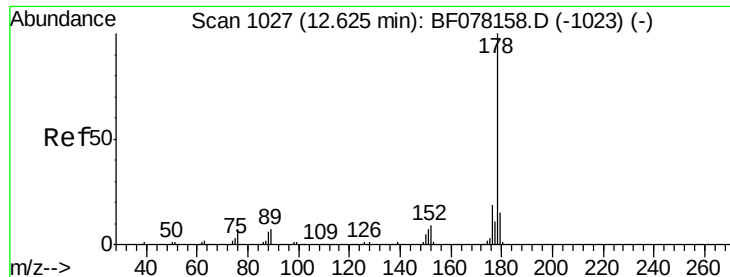


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

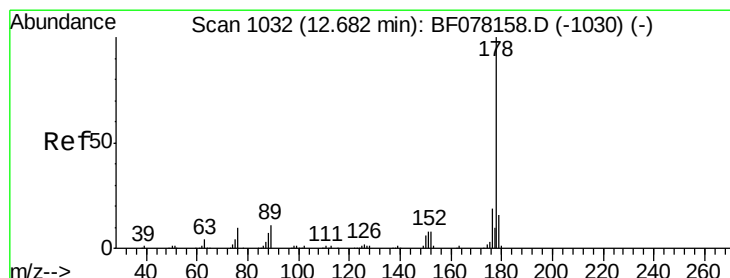
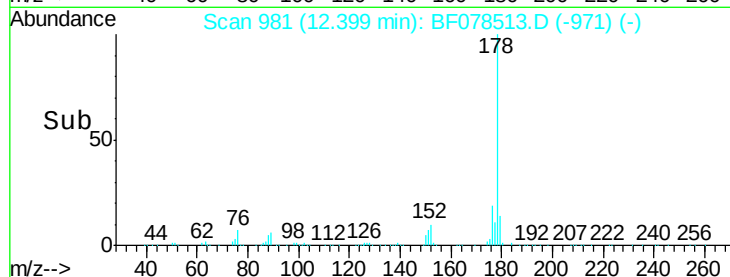
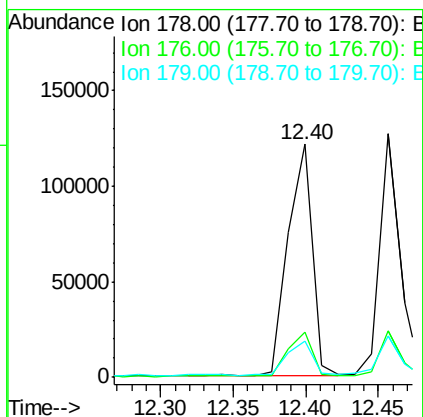
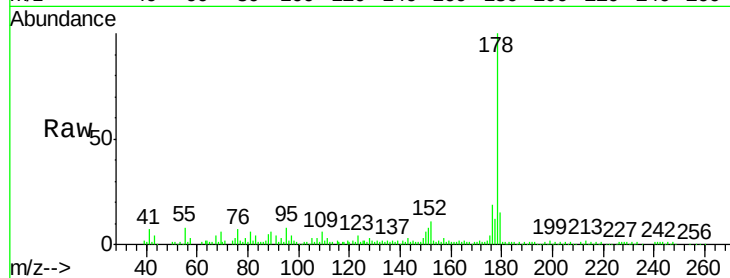




#70
Phenanthrene
Concen: 31.47 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

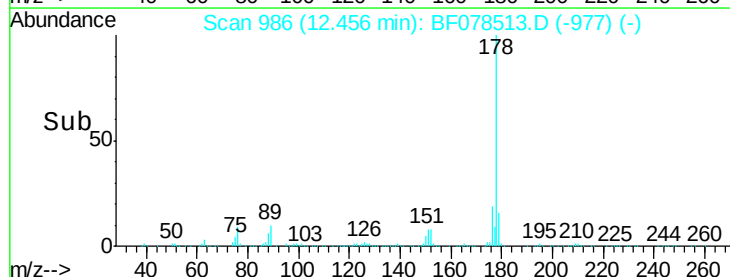
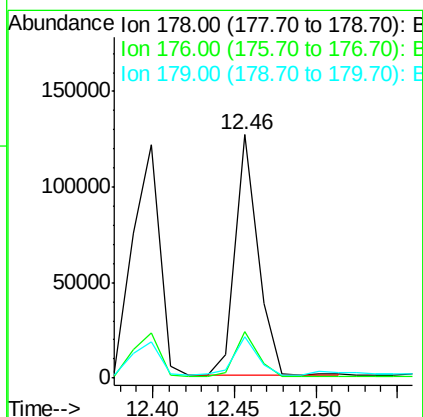
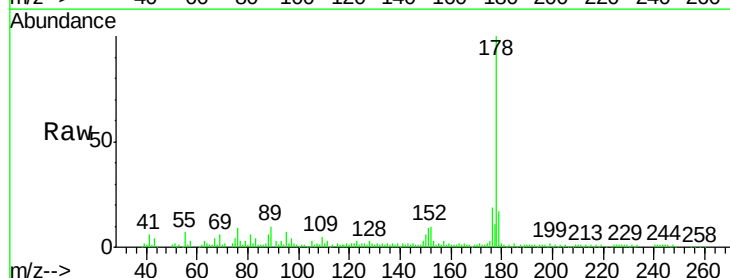
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

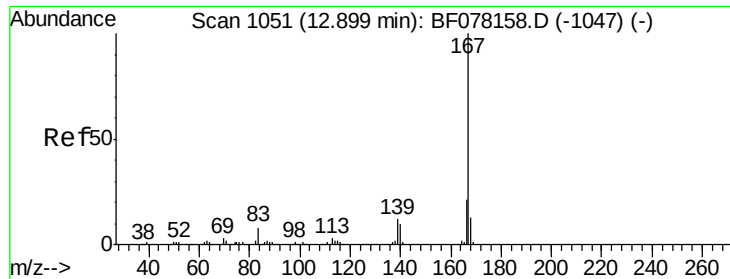
Tgt Ion:178 Resp: 139170
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.2 18.2



#71
Anthracene
Concen: 27.81 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion:178 Resp: 121174
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 16.8 12.4 18.6

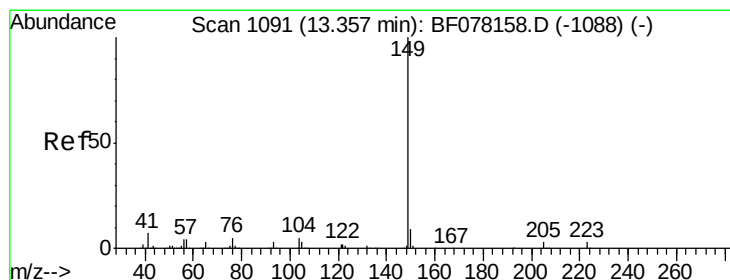
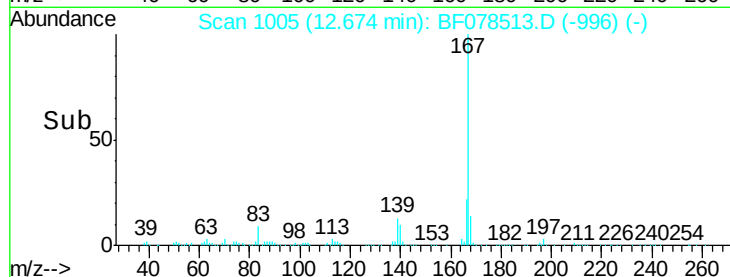
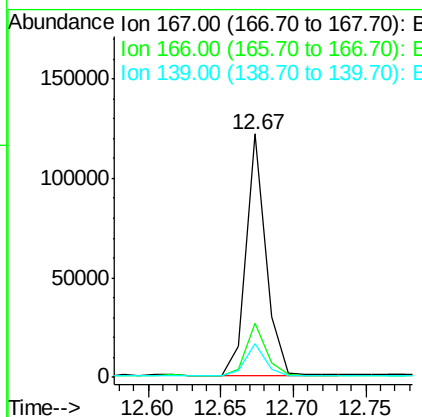
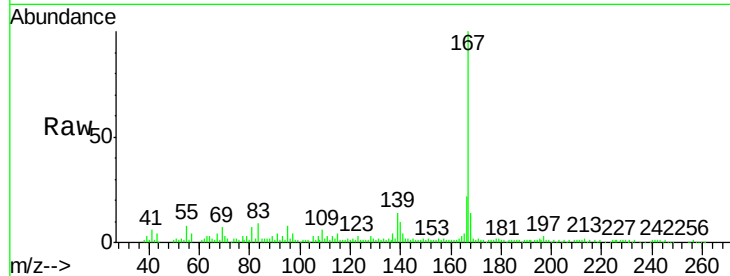




#72
 Carbazole
 Concen: 28.19 ng
 RT: 12.67 min Scan# 1005
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

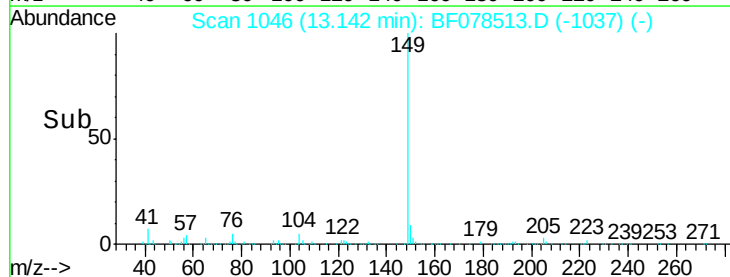
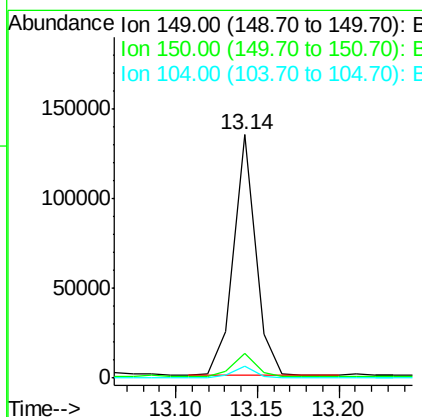
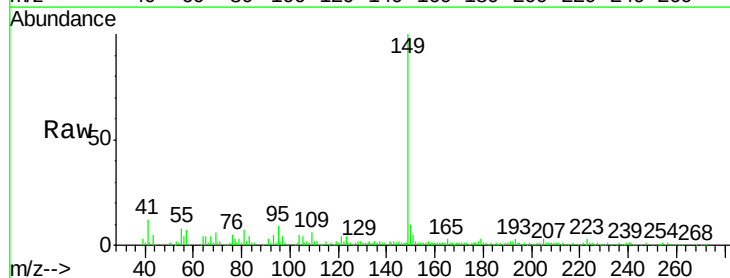
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

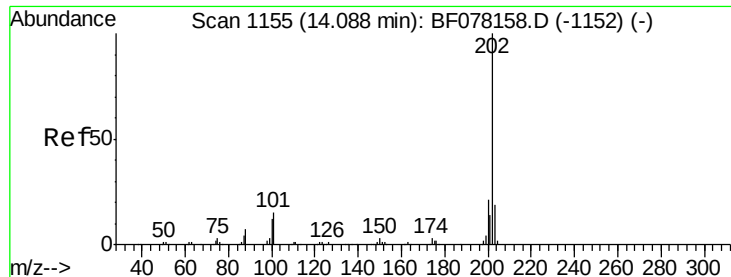
Tgt Ion:167 Resp: 115121
 Ion Ratio Lower Upper
 167 100
 166 22.2 16.8 25.2
 139 14.0 10.0 15.0



#73
 Di-n-butylphthalate
 Concen: 27.06 ng
 RT: 13.14 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:149 Resp: 125160
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.1 10.7
 104 4.7 3.8 5.6





#74

Fluoranthene

Concen: 47.17 ng

RT: 13.86 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

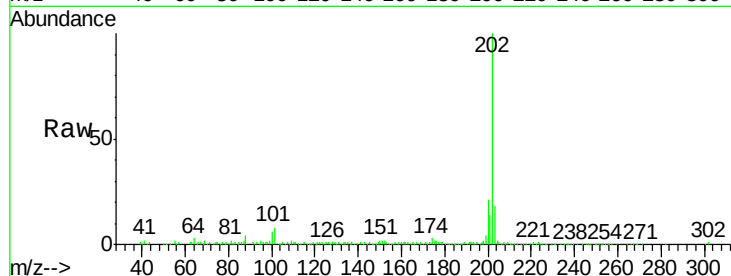
Tgt Ion:202 Resp: 219963

Ion Ratio Lower Upper

202 100

101 8.5 0.0 35.2

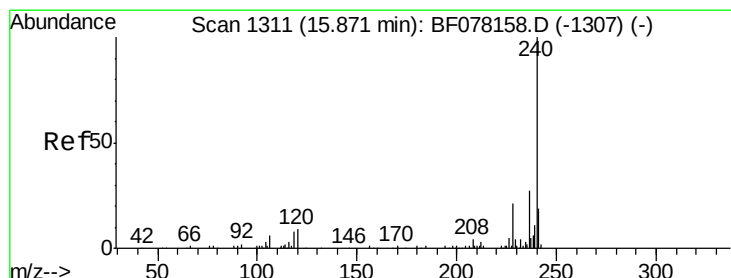
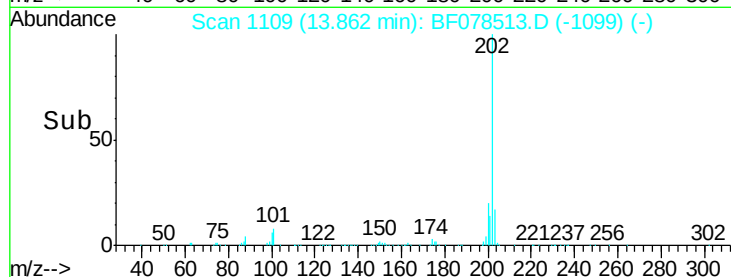
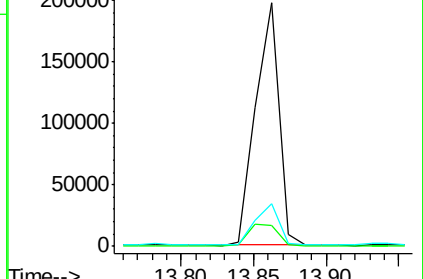
203 17.7 0.0 38.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.63 min Scan# 1264

Delta R.T. -0.02 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

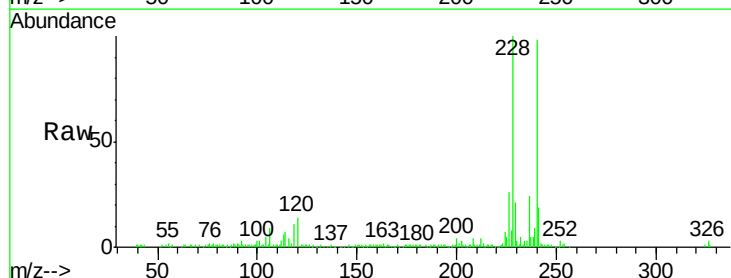
Tgt Ion:240 Resp: 89280

Ion Ratio Lower Upper

240 100

120 14.0 7.1 10.7#

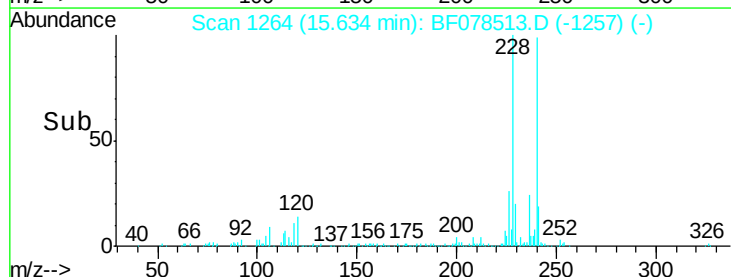
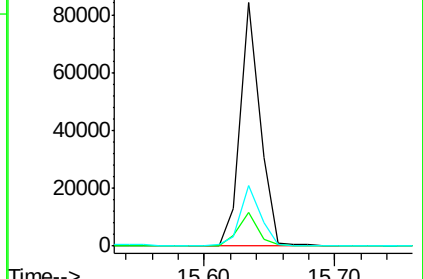
236 24.9 21.4 32.2

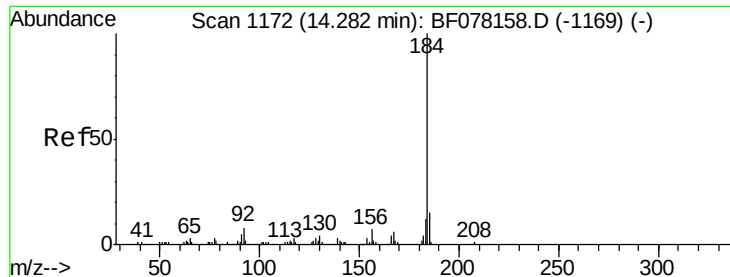


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 18.35 ng

RT: 14.06 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

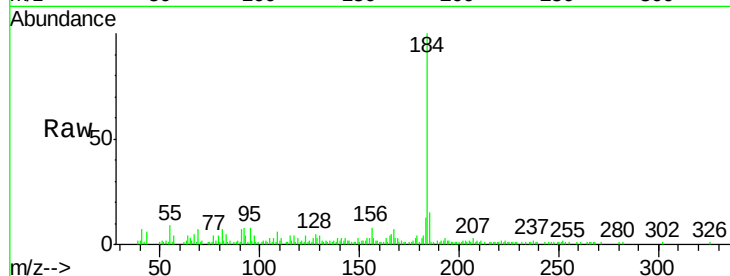
Tgt Ion:184 Resp: 63097

Ion Ratio Lower Upper

184 100

185 14.8 12.2 18.2

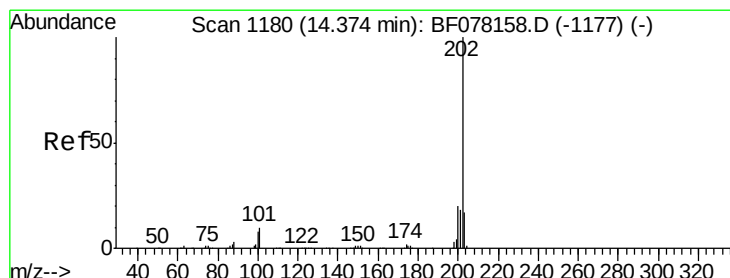
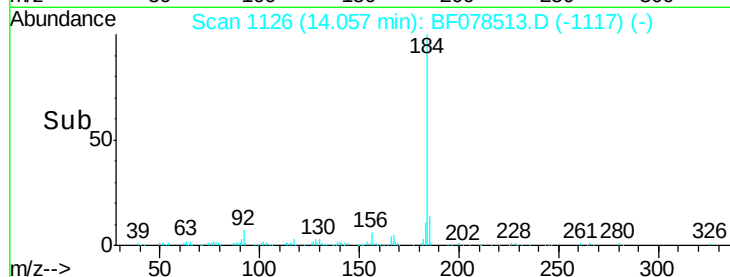
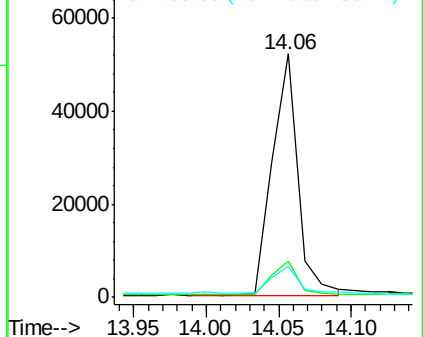
183 12.8 9.5 14.3



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: 41.40 ng

RT: 14.14 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

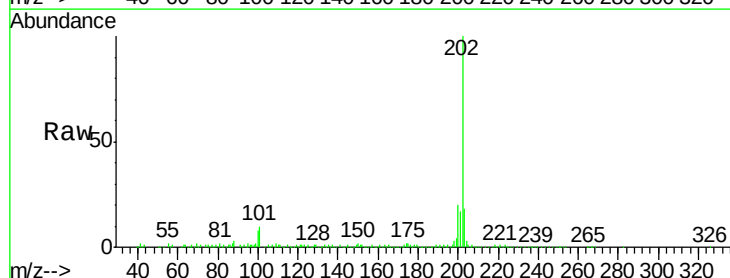
Tgt Ion:202 Resp: 232055

Ion Ratio Lower Upper

202 100

200 20.3 16.3 24.5

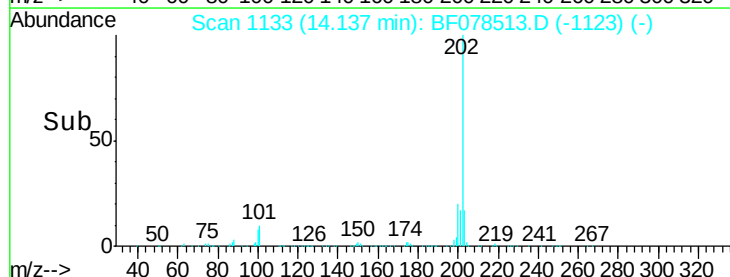
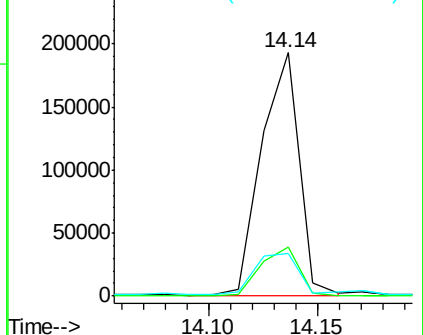
203 17.8 13.8 20.6

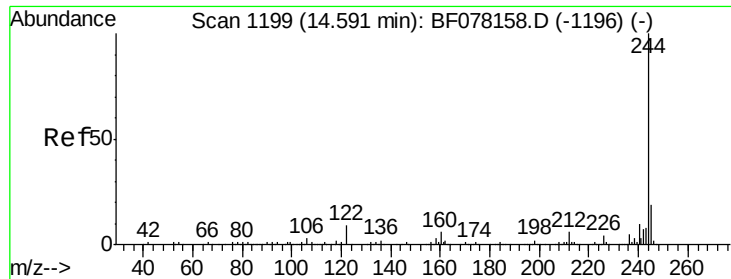


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

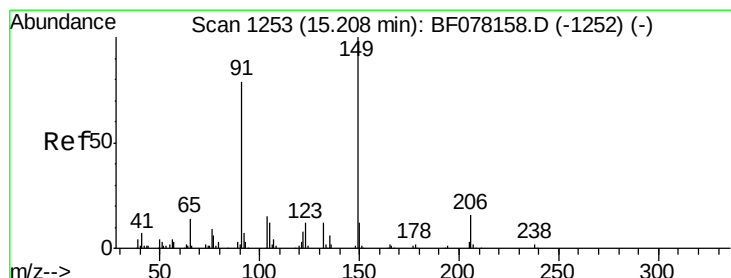
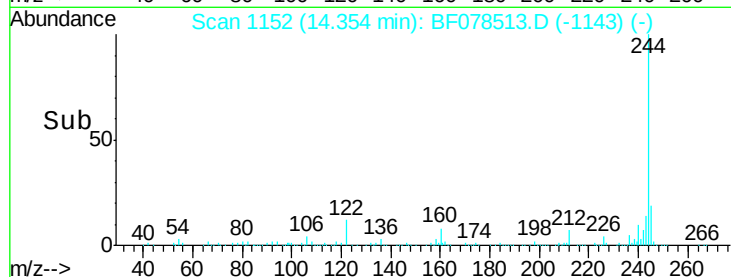
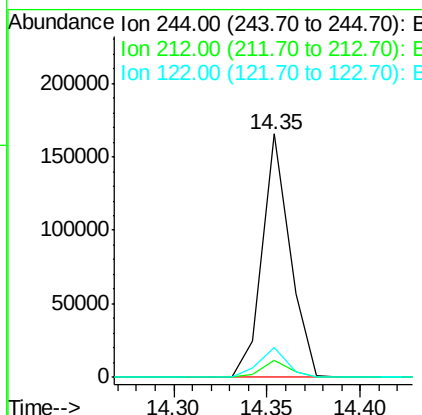
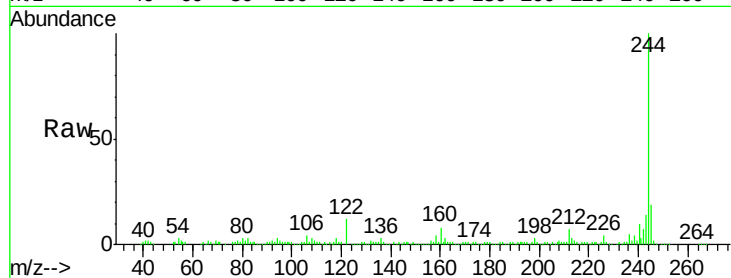




#78
 Terphenyl-d14
 Concen: 43.20 ng
 RT: 14.35 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

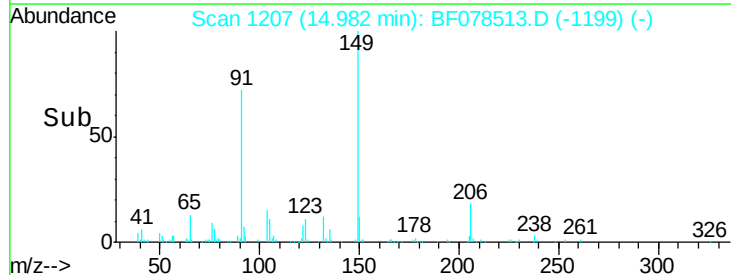
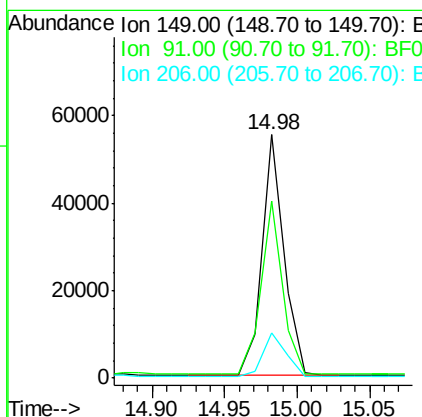
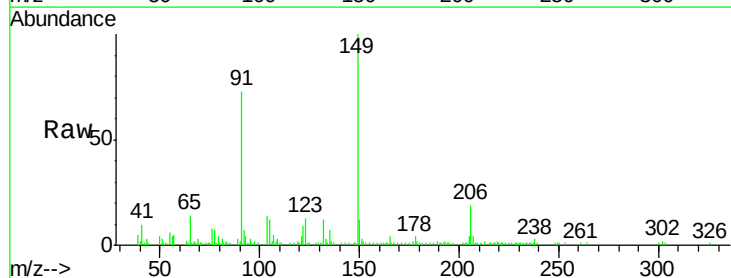
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

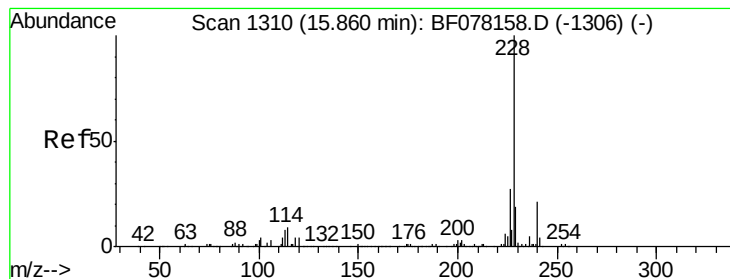
Tgt Ion:244 Resp: 170682
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 12.4 7.1 10.7#



#79
 Butylbenzylphthalate
 Concen: 27.00 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion:149 Resp: 57674
 Ion Ratio Lower Upper
 149 100
 91 72.8 64.2 96.2
 206 18.8 12.6 18.8





#80

Benzo(a)anthracene

Concen: 44.18 ng

RT: 15.62 min Scan# 1263

Delta R.T. -0.02 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

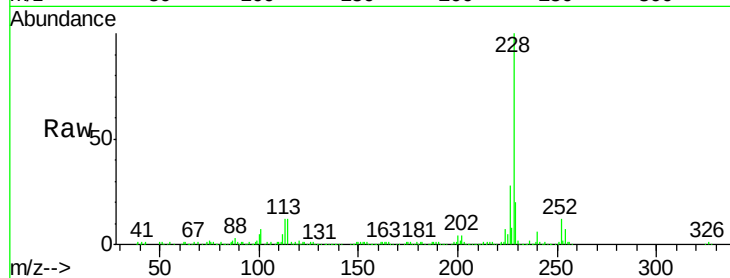
Tgt Ion:228 Resp: 234696

Ion Ratio Lower Upper

228 100

226 28.5 21.3 31.9

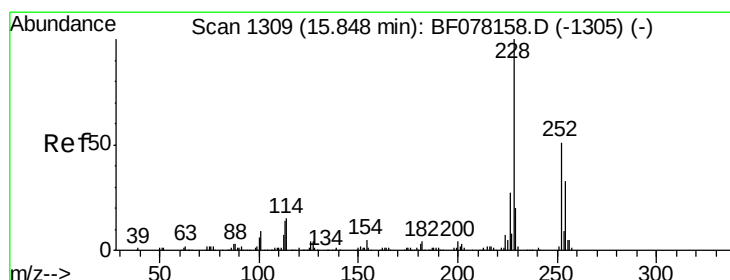
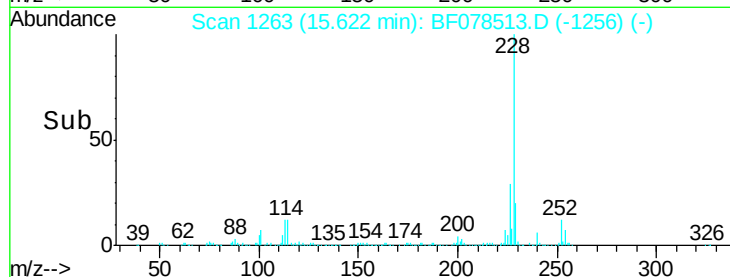
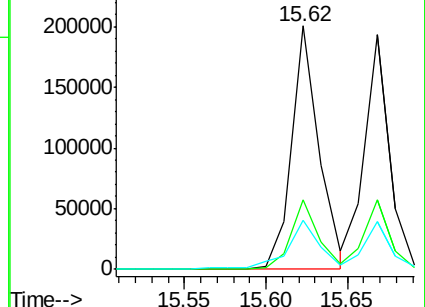
229 20.3 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 21.55 ng

RT: 15.61 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

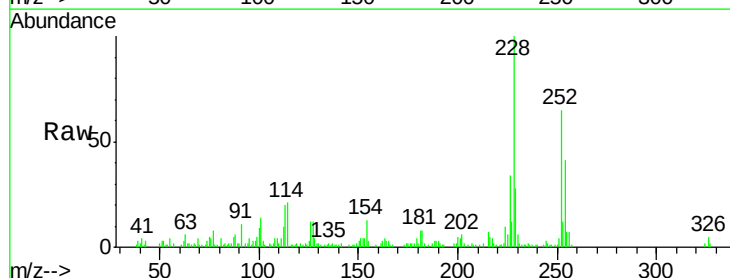
Tgt Ion:252 Resp: 38331

Ion Ratio Lower Upper

252 100

254 63.1 51.2 76.8

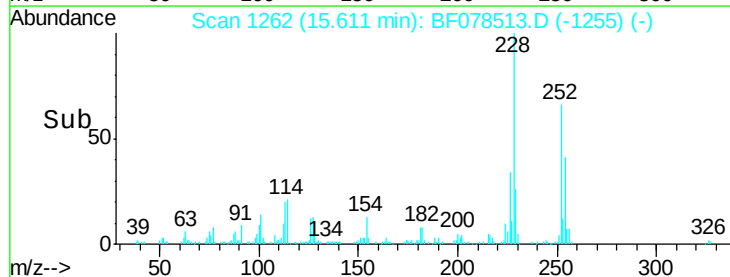
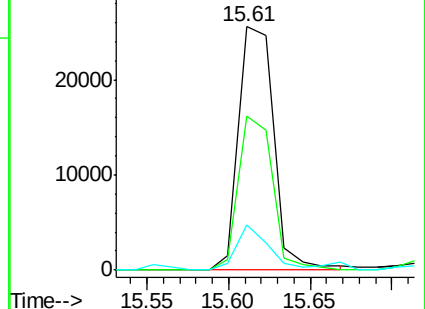
126 18.8 6.3 9.5#

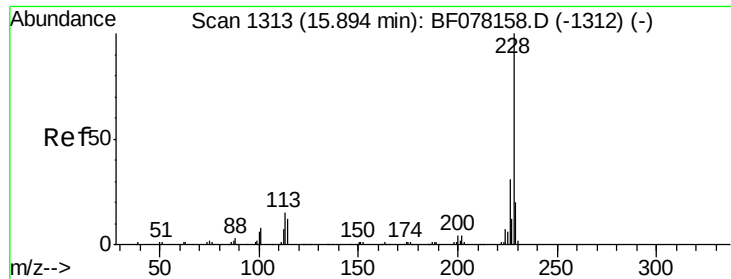


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 41.19 ng

RT: 15.67 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

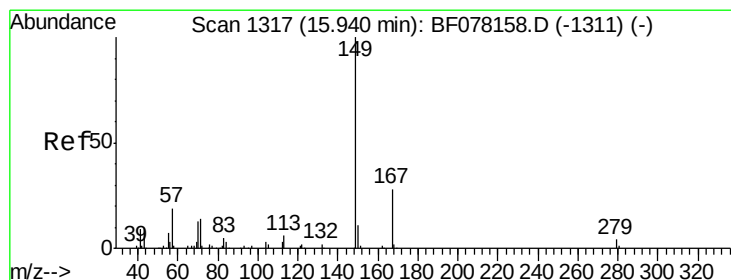
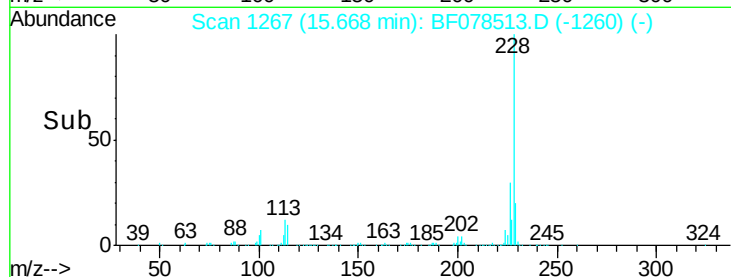
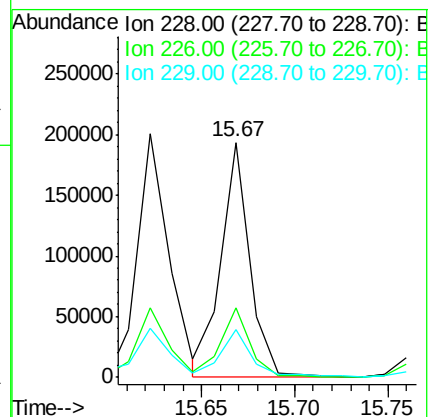
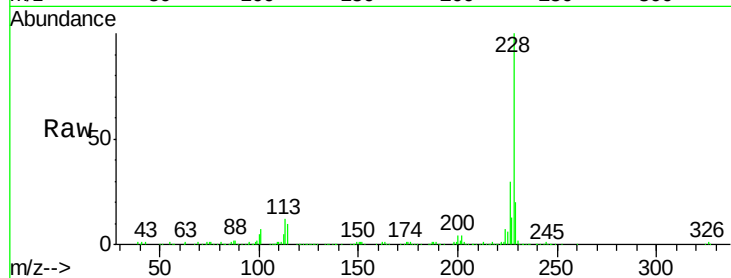
Tgt Ion:228 Resp: 205579

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.4

229 20.4 15.8 23.8



#83

Bis(2-ethylhexyl)phthalate

Concen: 26.77 ng

RT: 15.73 min Scan# 1272

Delta R.T. -0.02 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

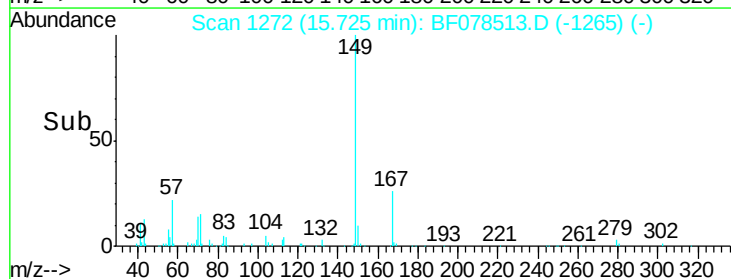
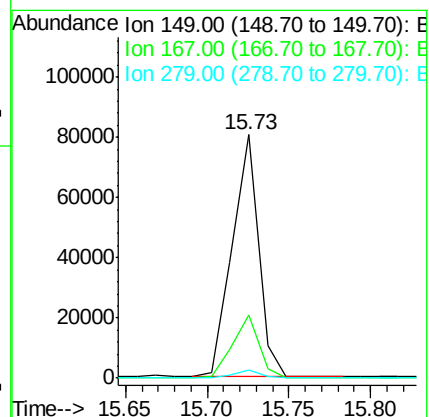
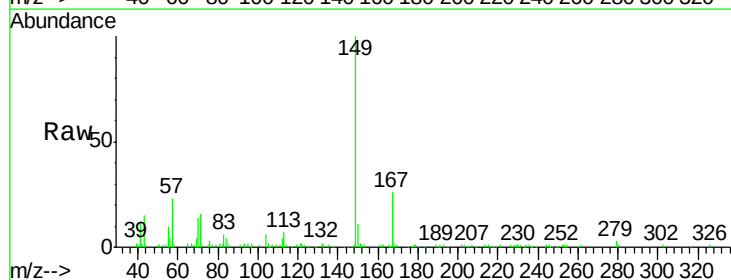
Tgt Ion:149 Resp: 89697

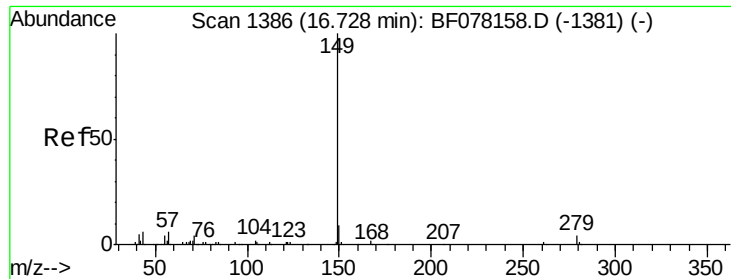
Ion Ratio Lower Upper

149 100

167 26.0 22.2 33.2

279 3.3 3.2 4.8

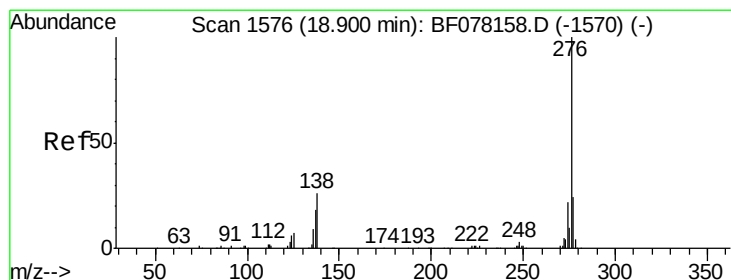
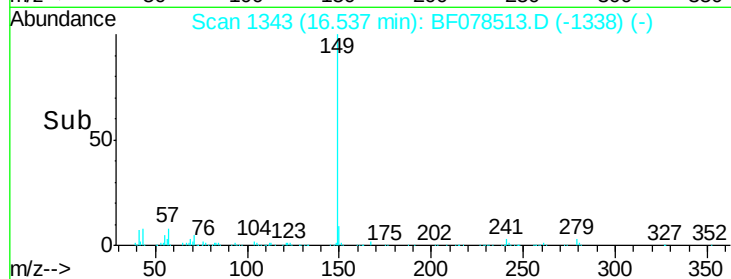
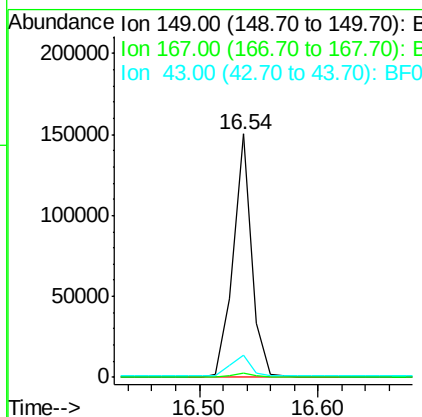
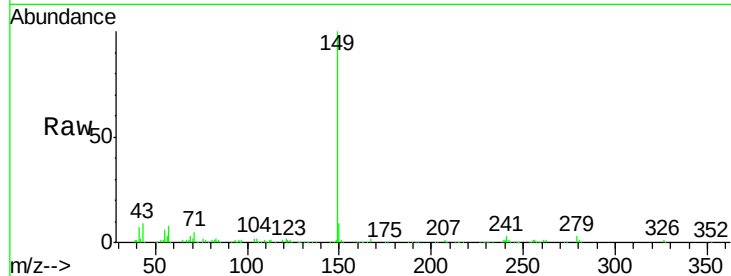




#84
 Di-n-octyl phthalate
 Concen: 29.30 ng
 RT: 16.54 min Scan# 1343
 Delta R.T. -0.05 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

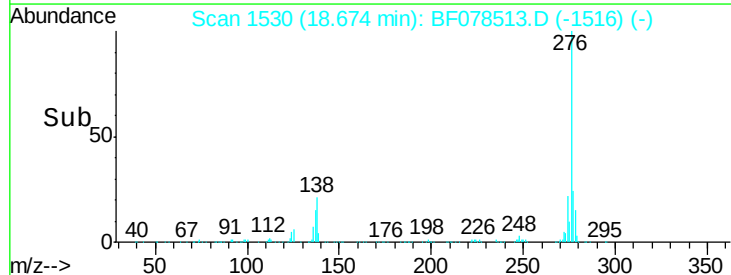
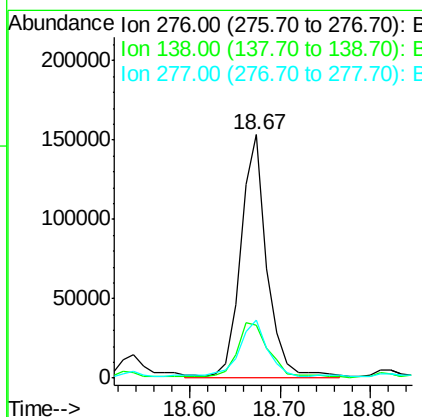
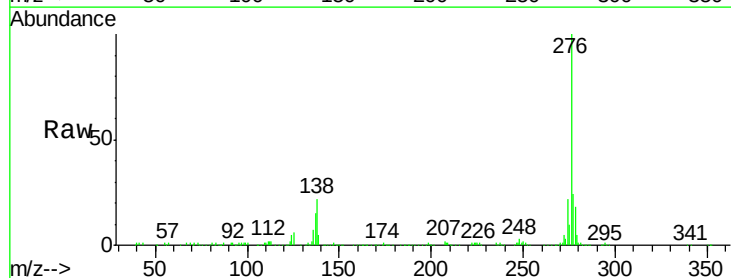
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMSD

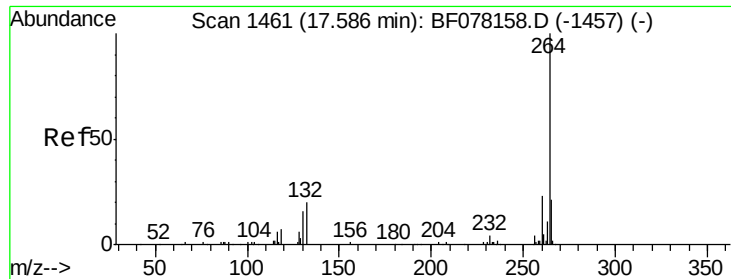
Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.7	0.0	0.0#
43	9.7	0.0	0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 55.36 ng m
 RT: 18.67 min Scan# 1530
 Delta R.T. -0.14 min
 Lab File: BF078513.D
 Acq: 14 Apr 2015 21:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	2.0	16.9	25.3#
277	2.2	15.8	23.6#

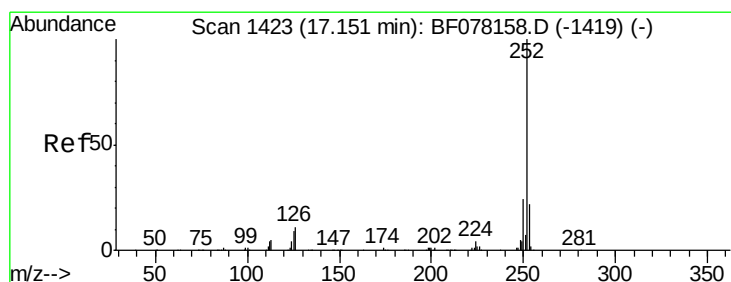
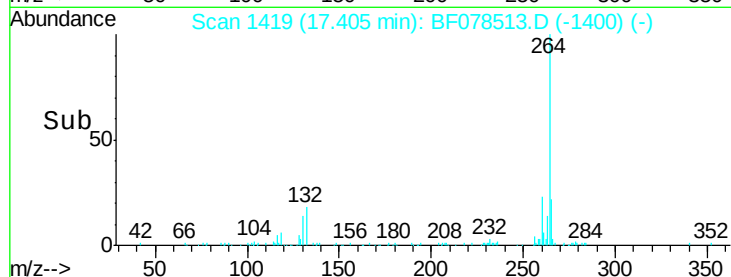
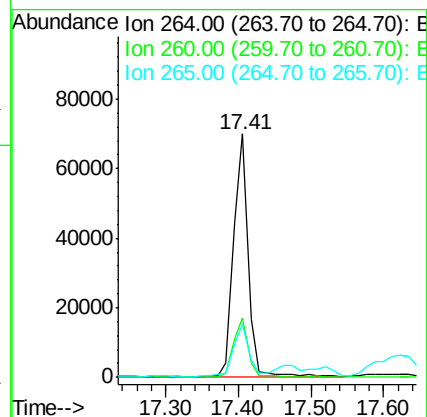
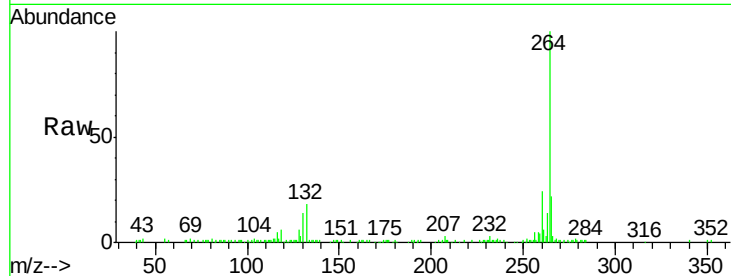




#86
Perylene-d12
Concen: 20.00 ng
RT: 17.41 min Scan# 1419
Delta R.T. -0.08 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

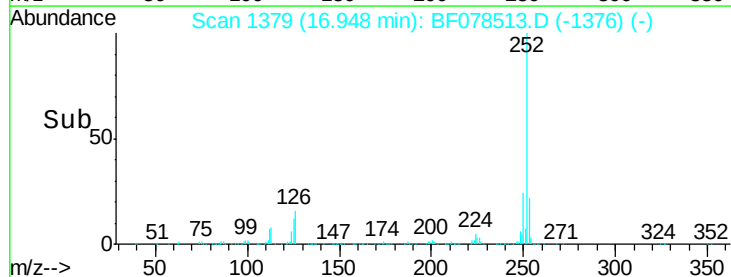
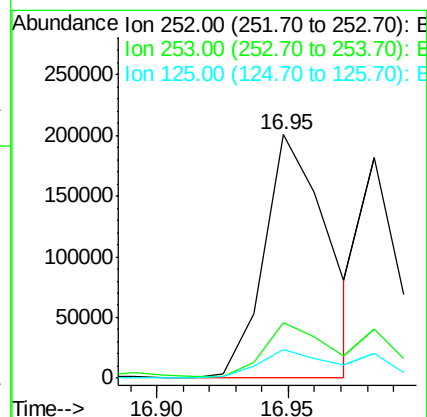
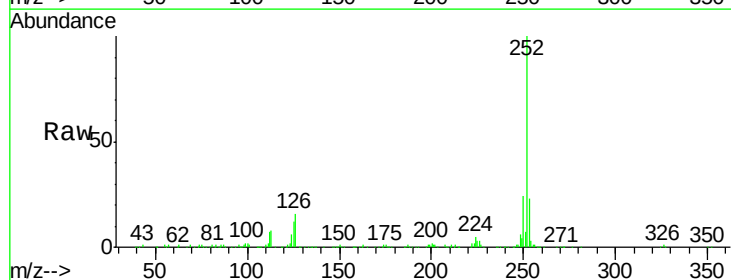
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMSD

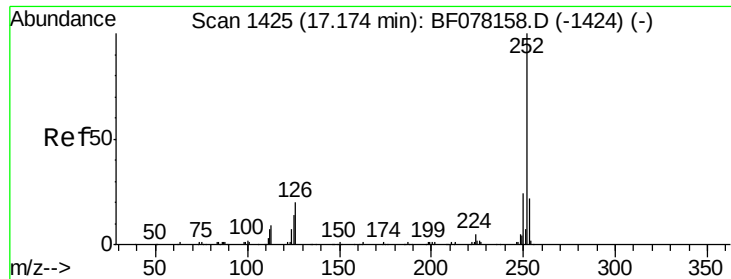
Tgt Ion:264 Resp: 99118
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 21.6 17.0 25.6



#87
Benzo(b)fluoranthene
Concen: 54.89 ng m
RT: 16.95 min Scan# 1379
Delta R.T. -0.07 min
Lab File: BF078513.D
Acq: 14 Apr 2015 21:55

Tgt Ion:252 Resp: 336270
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 11.7 7.0 10.4#





#88

Benzo(k)fluoranthene

Concen: 32.60 ng m

RT: 16.98 min Scan# 1382

Delta R.T. -0.07 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

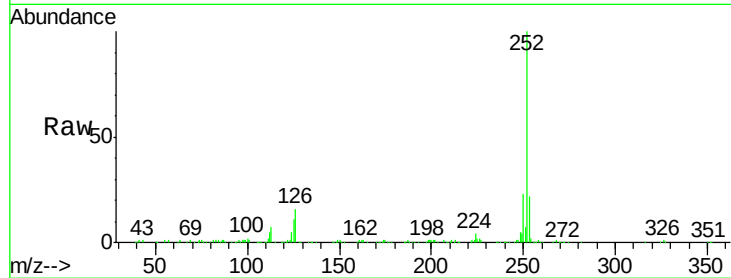
Tgt Ion:252 Resp: 177453

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

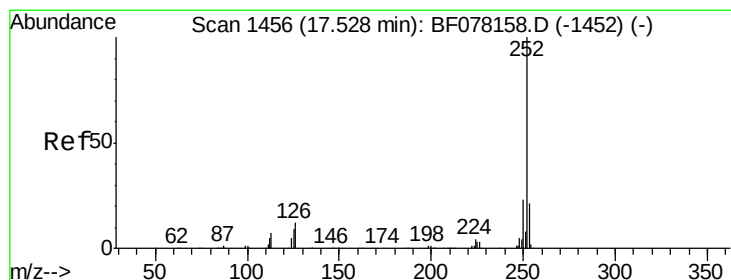
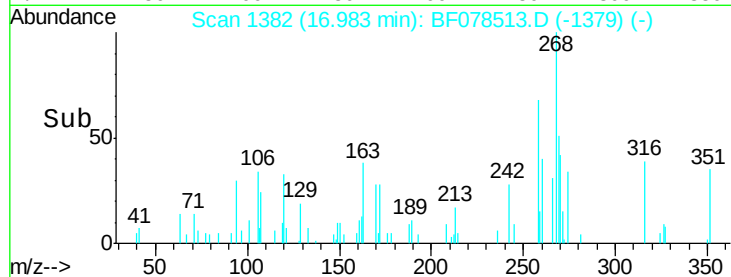
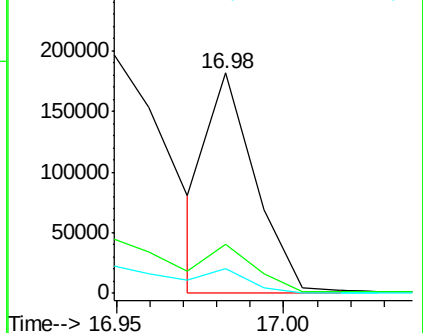
125 11.1 11.6 17.4#



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: 55.71 ng

RT: 17.34 min Scan# 1413

Delta R.T. -0.08 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

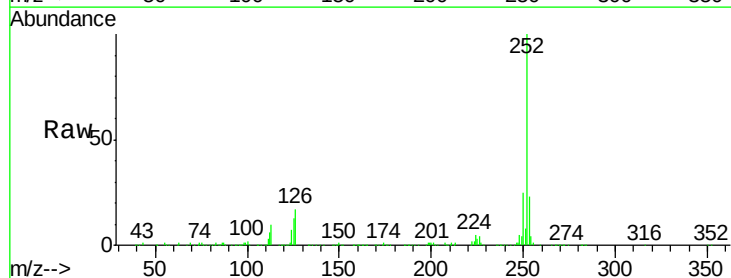
Tgt Ion:252 Resp: 297846

Ion Ratio Lower Upper

252 100

253 23.0 16.8 25.2

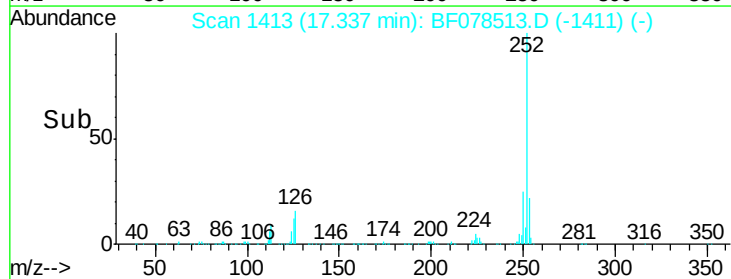
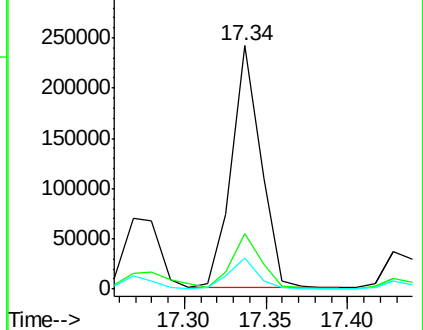
125 12.6 7.4 11.0#

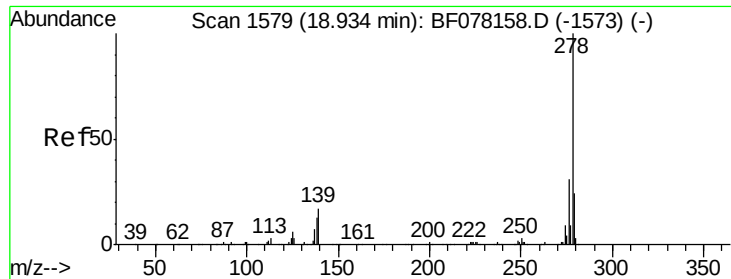


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 27.48 ng m

RT: 18.70 min Scan# 1532

Delta R.T. -0.14 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMSD

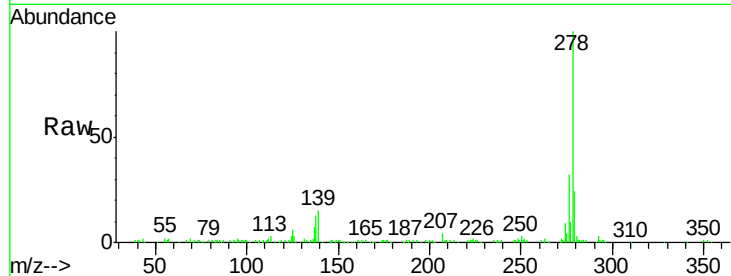
Tgt Ion:278 Resp: 147065

Ion Ratio Lower Upper

278 100

139 15.4 13.6 20.4

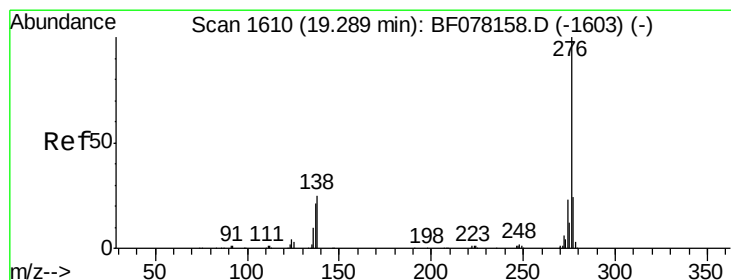
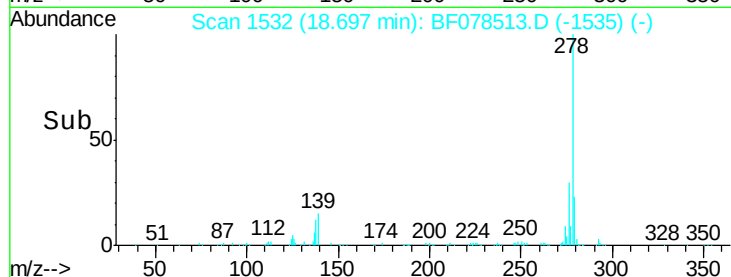
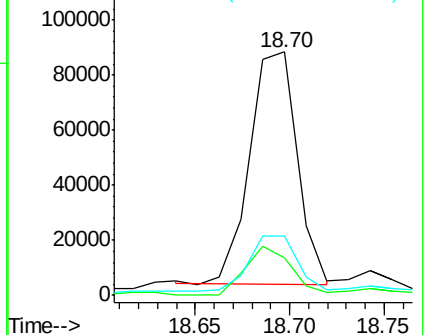
279 24.2 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 52.27 ng m

RT: 19.02 min Scan# 1560

Delta R.T. -0.14 min

Lab File: BF078513.D

Acq: 14 Apr 2015 21:55

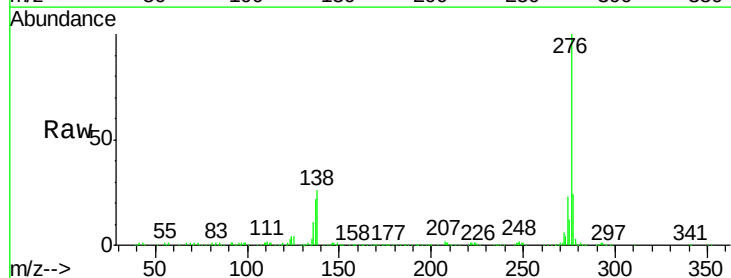
Tgt Ion:276 Resp: 280520

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 25.5 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

