

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
 Data File : BF078512.D
 Acq On : 14 Apr 2015 21:26
 Operator : TP/IZ
 Sample : G1828-09MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

Quant Time: Apr 15 11:05:28 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	17641	20.00	ng	0.00
21) Naphthalene-d8	8.39	136	74939	20.00	ng	0.00
38) Acenaphthene-d10	10.55	164	38221	20.00	ng	0.01
63) Phenanthrene-d10	12.36	188	81198	20.00	ng	0.00
75) Chrysene-d12	15.62	240	99312	20.00	ng	-0.03
86) Perylene-d12	17.31	264	105446	20.00	ng	-0.17

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.06	112	27996	26.17	ng	0.01
7) Phenol-d6	6.41	99	83035	61.93	ng	0.00
23) Nitrobenzene-d5	7.51	82	59647	48.24	ng	0.00
41) 2,4,6-Tribromophenol	11.52	330	50465	159.20	ng	0.00
44) 2-Fluorobiphenyl	9.74	172	180839	67.63	ng	0.00
78) Terphenyl-d14	14.35	244	329187	74.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.60	88	25169	52.02	ng	# 38
3) Pyridine	2.22	79	12268	9.68	ng	# 84
4) n-Nitrosodimethylamine	2.12	42	6203m	12.72	ng	
6) Aniline	6.40	93	26800	14.09	ng	# 86
8) 2-Chlorophenol	6.55	128	17531	13.86	ng	93
9) Benzaldehyde	6.24	77	5041	5.67	ng	89
10) Phenol	6.43	94	33808	21.04	ng	92
11) bis(2-Chloroethyl)ether	6.50	93	20559	17.79	ng	96
12) 1,3-Dichlorobenzene	6.72	146	16143	11.62	ng	98
13) 1,4-Dichlorobenzene	6.82	146	16894	12.08	ng	100
14) 1,2-Dichlorobenzene	7.00	146	18058	13.77	ng	98
15) Benzyl Alcohol	7.00	79	23138	24.56	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.19	45	28319	18.37	ng	68
17) 2-Methylphenol	7.18	107	23207	23.63	ng	94
18) Hexachloroethane	7.42	117	5288	11.21	ng	# 73
19) n-Nitroso-di-n-propylamine	7.34	70	20583	23.27	ng	# 81
20) 3+4-Methylphenols	7.38	107	35870	27.37	ng	92
22) Acetophenone	7.32	105	41907	24.00	ng	# 91
24) Nitrobenzene	7.53	77	29443	22.78	ng	88
25) Isophorone	7.84	82	65082	27.74	ng	96
26) 2-Nitrophenol	7.93	139	10580	17.18	ng	95
27) 2,4-Dimethylphenol	8.02	122	31248	27.28	ng	99
28) bis(2-Chloroethoxy)methane	8.12	93	37399	24.86	ng	98
29) 2,4-Dichlorophenol	8.24	162	29281	28.10	ng	93
30) 1,2,4-Trichlorobenzene	8.32	180	24737	20.71	ng	98
31) Naphthalene	8.41	128	96653	24.78	ng	99
33) 4-Chloroaniline	8.50	127	44875	27.73	ng	100
34) Hexachlorobutadiene	8.57	225	12758	19.45	ng	97
35) Caprolactam	8.91	113	15908	51.15	ng	92
36) 4-Chloro-3-methylphenol	9.13	107	45448	43.23	ng	91
37) 2-Methylnaphthalene	9.27	142	83641	31.58	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.47	216	37130	31.35	ng	98
40) Hexachlorocyclopentadiene	9.46	237	2549	11.39	ng	87
42) 2,4,6-Trichlorophenol	9.63	196	21388	28.64	ng	97

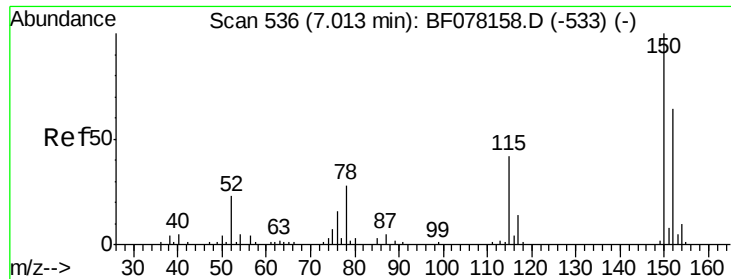
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041415\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.68	196	30064	38.53	ng	97
45) 1,1'-Biphenyl	9.85	154	113170	36.20	ng	97
46) 2-Chloronaphthalene	9.86	162	85263	34.66	ng	100
47) 2-Nitroaniline	10.01	65	29968	49.24	ng	# 65
48) Acenaphthylene	10.36	152	158606	39.93	ng	100
49) Dimethylphthalate	10.25	163	128783	44.85	ng	# 98
50) 2,6-Dinitrotoluene	10.32	165	24705	41.82	ng	# 57
51) Acenaphthene	10.58	154	91920	41.10	ng	98
52) 3-Nitroaniline	10.51	138	34444	51.27	ng	# 89
54) Dibenzofuran	10.80	168	150775	44.14	ng	97
55) 4-Nitrophenol	10.76	139	25185m	51.92	ng	
56) 2,4-Dinitrotoluene	10.81	165	36758	48.04	ng	# 68
57) Fluorene	11.22	166	131694	47.56	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.96	232	17830	30.82	ng	# 85
59) Diethylphthalate	11.12	149	122768	44.34	ng	97
60) 4-Chlorophenyl-phenylether	11.23	204	55981	43.95	ng	# 77
61) 4-Nitroaniline	11.27	138	38143	56.17	ng	99
62) Azobenzene	11.43	77	124517	49.28	ng	93
65) n-Nitrosodiphenylamine	11.38	169	118379	42.15	ng	97
66) 4-Bromophenyl-phenylether	11.84	248	35223	40.96	ng	# 86
67) Hexachlorobenzene	11.88	284	39622	42.05	ng	# 90
68) Atrazine	12.07	200	42581	52.34	ng	96
69) Pentachlorophenol	12.15	266	19023	48.87	ng	97
70) Phenanthrene	12.40	178	272227	57.96	ng	99
71) Anthracene	12.46	178	225423	48.71	ng	99
72) Carbazole	12.67	167	217733	50.20	ng	98
73) Di-n-butylphthalate	13.14	149	230495	46.91	ng	100
74) Fluoranthene	13.87	202	366224	73.93	ng	90
76) Benzidine	14.06	184	165835	43.37	ng	97
77) Pyrene	14.14	202	388678m	62.34	ng	
79) Butylbenzylphthalate	14.98	149	118168	49.73	ng	86
80) Benzo(a)anthracene	15.61	228	348469	58.97	ng	98
81) 3,3'-Dichlorobenzidine	15.60	252	92576	46.78	ng	# 97
82) Chrysene	15.66	228	321419	57.90	ng	99
83) Bis(2-ethylhexyl)phthalate	15.70	149	169705	45.54	ng	# 97
84) Di-n-octyl phthalate	16.48	149	308063m	50.34	ng	
85) Indeno(1,2,3-cd)pyrene	18.54	276	393016m	62.39	ng	
87) Benzo(b)fluoranthene	16.89	252	407231	62.49	ng	98
88) Benzo(k)fluoranthene	16.91	252	292472m	50.50	ng	
89) Benzo(a)pyrene	17.26	252	364960	64.17	ng	# 96
90) Dibenzo(a,h)anthracene	18.56	278	291020m	51.11	ng	
91) Benzo(g,h,i)perylene	18.89	276	337303m	59.08	ng	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 491

Delta R.T. -0.00 min

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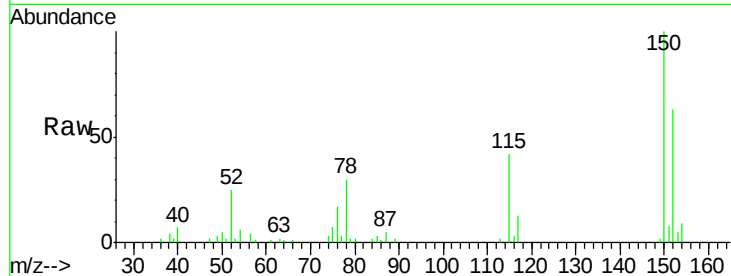
Tgt Ion:152 Resp: 17641

Ion Ratio Lower Upper

152 100

150 158.4 125.9 188.9

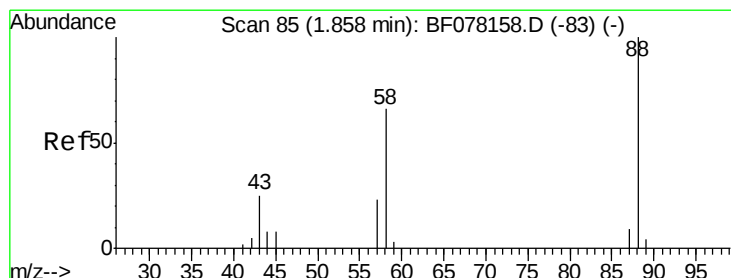
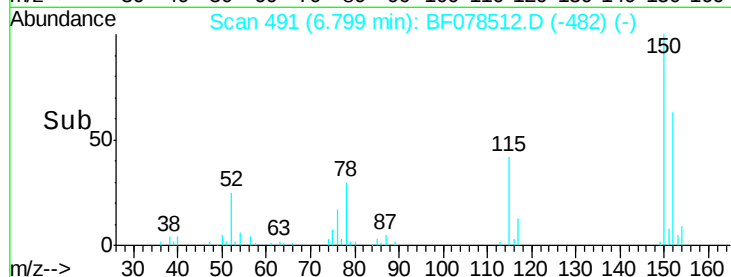
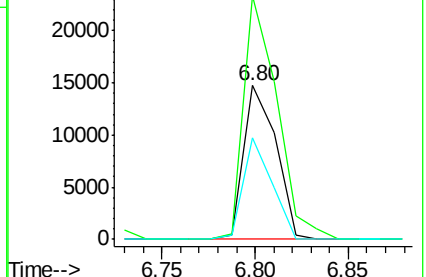
115 66.5 52.7 79.1



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: 52.02 ng

RT: 1.60 min Scan# 36

Delta R.T. 0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

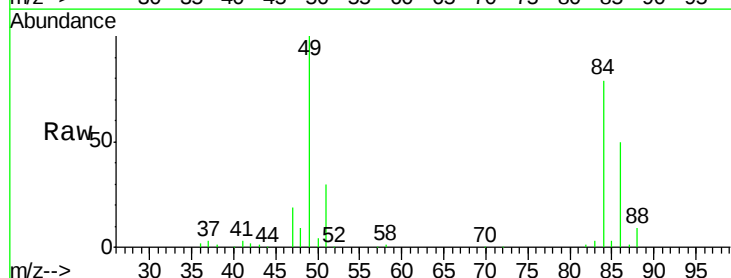
Tgt Ion: 88 Resp: 25169

Ion Ratio Lower Upper

88 100

58 16.2 56.9 85.3#

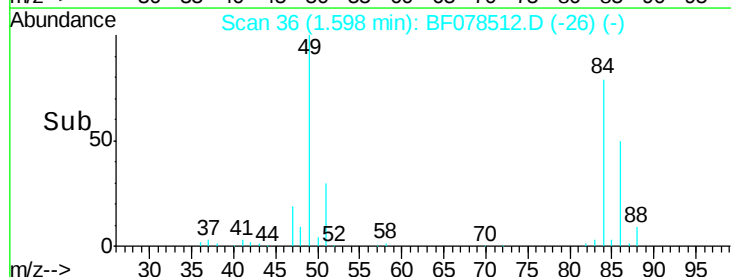
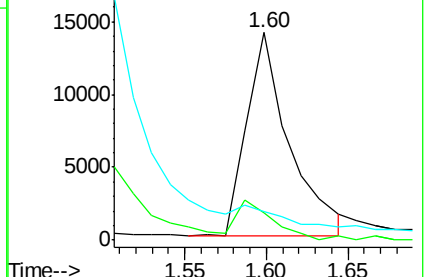
43 0.0 21.4 32.2#

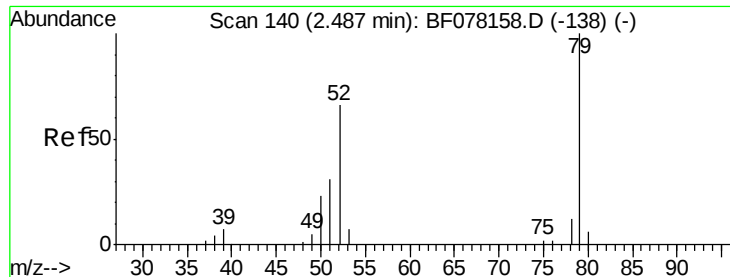


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 9.68 ng

RT: 2.22 min Scan# 90

Delta R.T. 0.07 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

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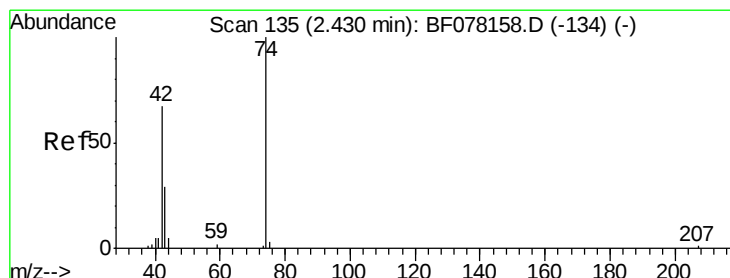
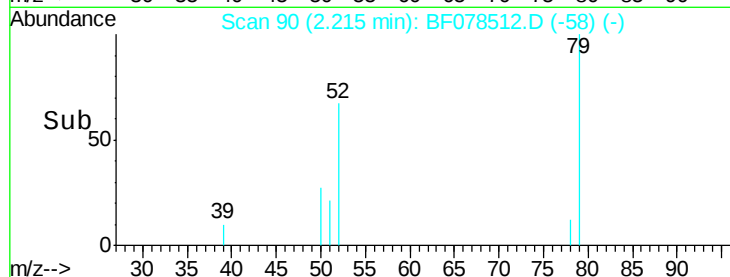
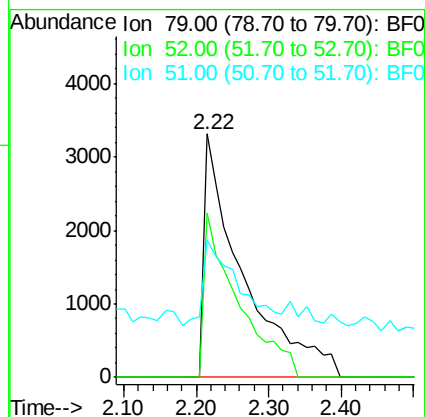
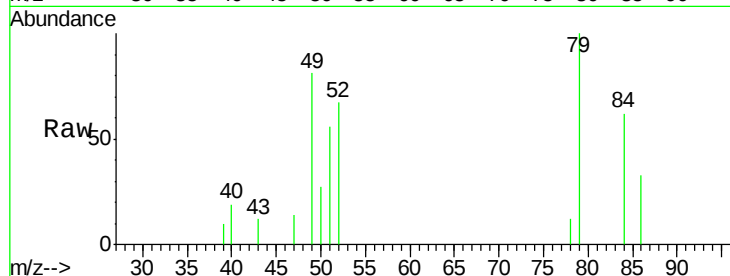
Tgt Ion: 79 Resp: 12268

Ion Ratio Lower Upper

79 100

52 67.3 52.4 78.6

51 56.4 24.9 37.3#



#4

n-Nitrosodimethylamine

Concen: 12.72 ng m

RT: 2.12 min Scan# 82

Delta R.T. 0.02 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

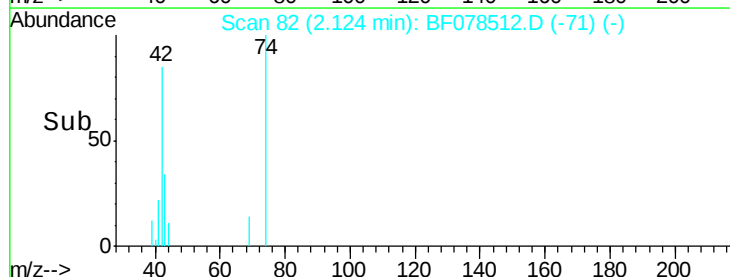
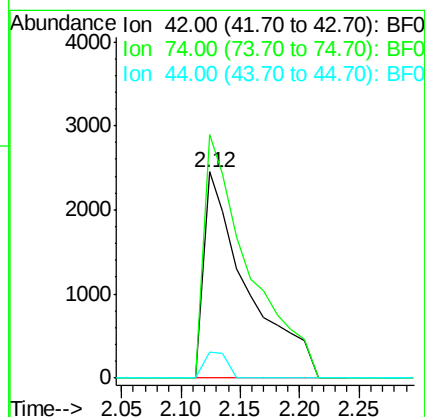
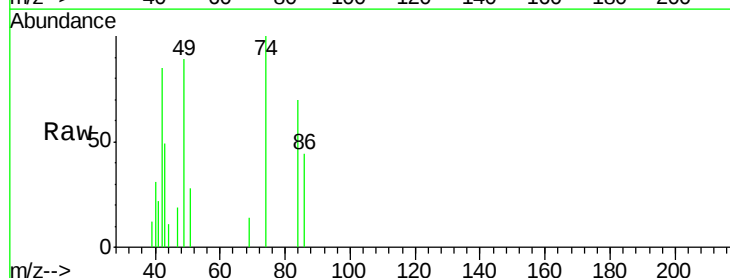
Tgt Ion: 42 Resp: 6203

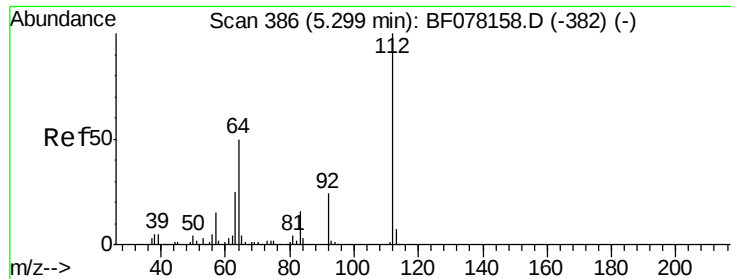
Ion Ratio Lower Upper

42 100

74 118.2 118.7 178.1#

44 12.4 5.9 8.9#





#5

2-Fluorophenol

Concen: 26.17 ng

RT: 5.06 min Scan# 339

Delta R.T. 0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

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HS-SB02BMS

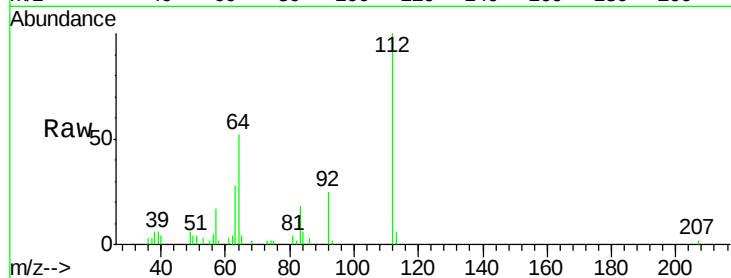
Tgt Ion: 112 Resp: 27996

Ion Ratio Lower Upper

112 100

64 52.4 39.9 59.9

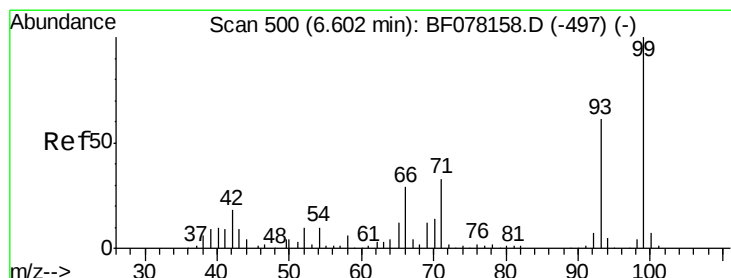
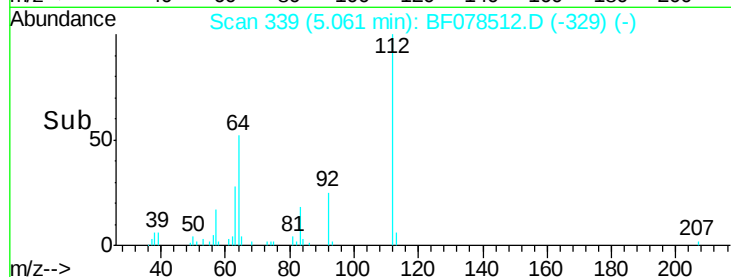
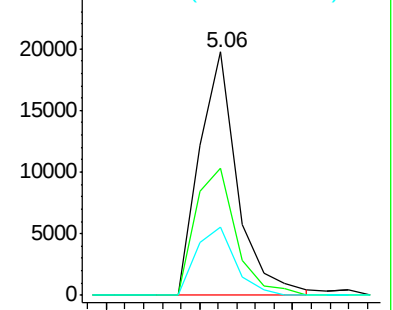
63 27.9 20.2 30.4



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: 14.09 ng

RT: 6.40 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

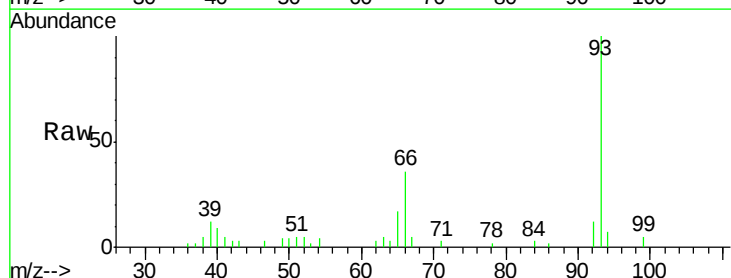
Tgt Ion: 93 Resp: 26800

Ion Ratio Lower Upper

93 100

66 36.0 38.0 57.0#

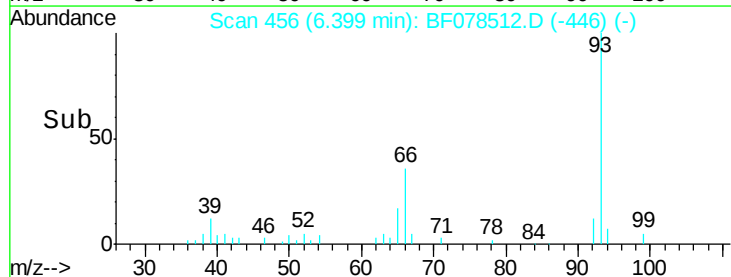
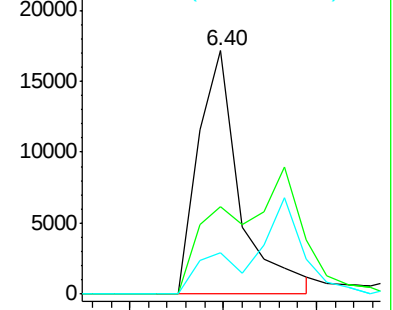
65 16.9 16.3 24.5

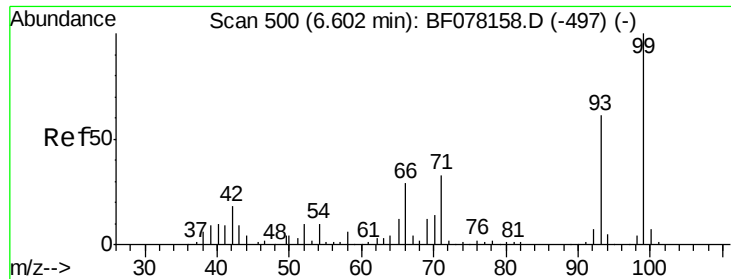


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 61.93 ng

RT: 6.41 min Scan# 457

Delta R.T. -0.00 min

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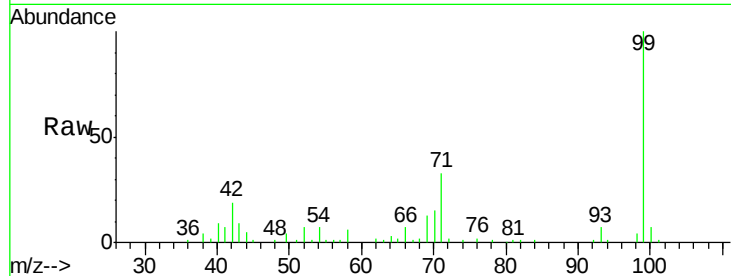
Tgt Ion: 99 Resp: 83035

Ion Ratio Lower Upper

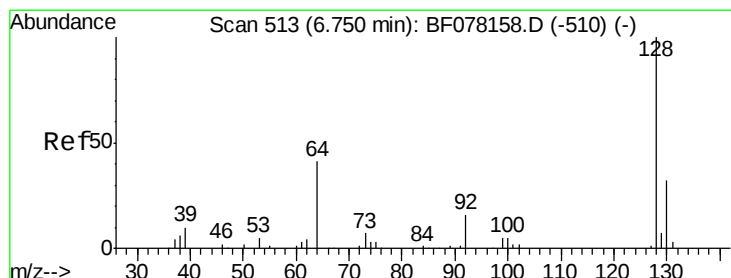
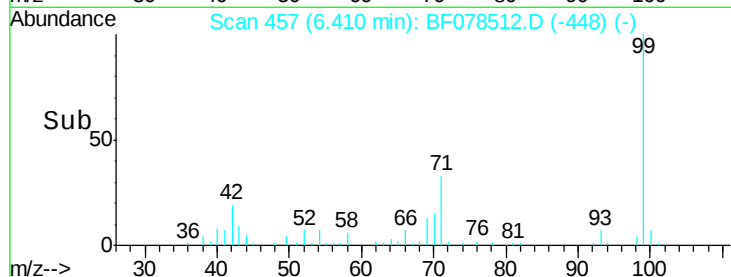
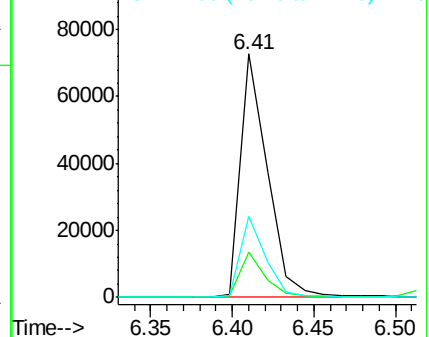
99 100

42 18.6 14.8 22.2

71 33.3 26.6 39.8



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



#8

2-Chlorophenol

Concen: 13.86 ng

RT: 6.55 min Scan# 469

Delta R.T. 0.01 min

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Acq: 14 Apr 2015 21:26

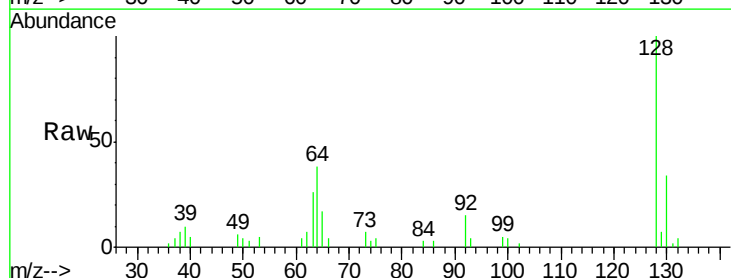
Tgt Ion: 128 Resp: 17531

Ion Ratio Lower Upper

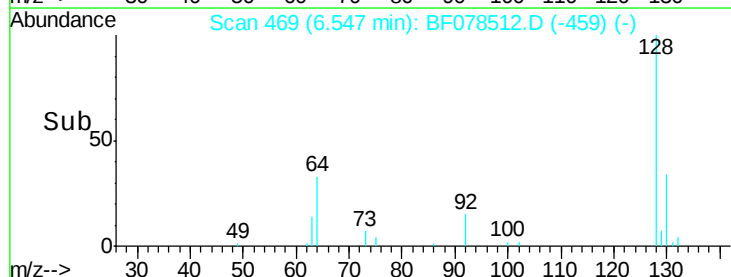
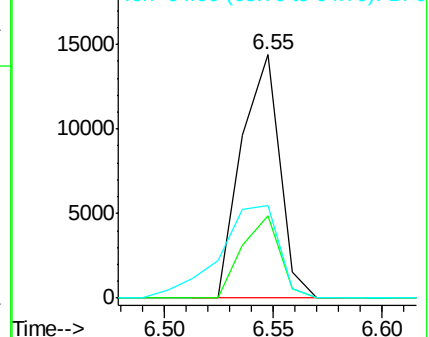
128 100

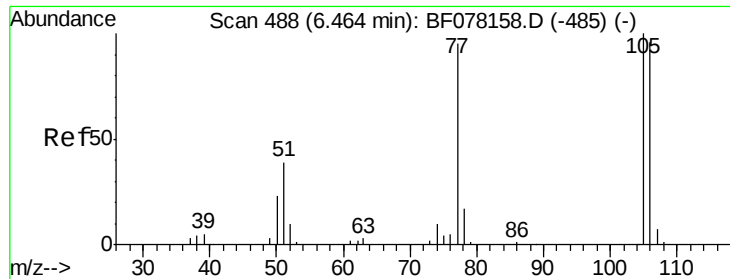
130 33.9 12.3 52.3

64 37.9 23.8 63.8



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

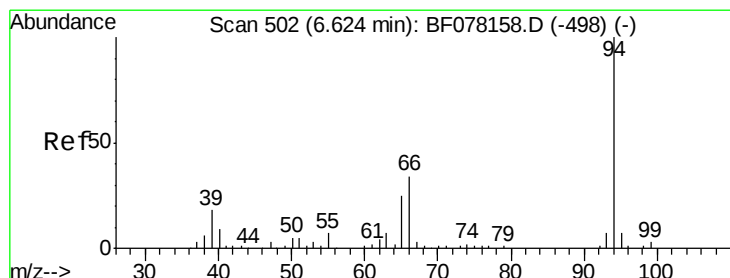
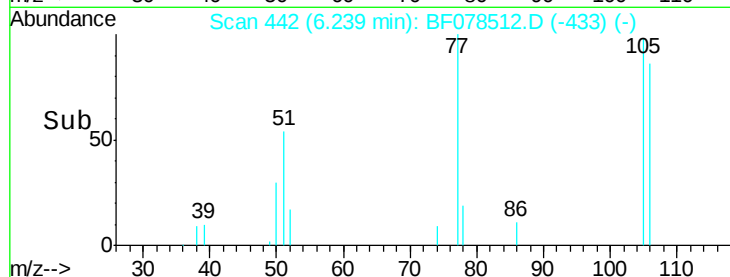
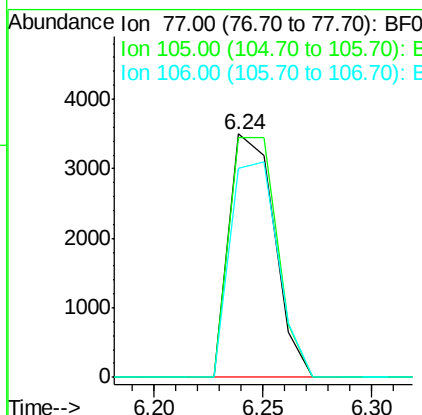
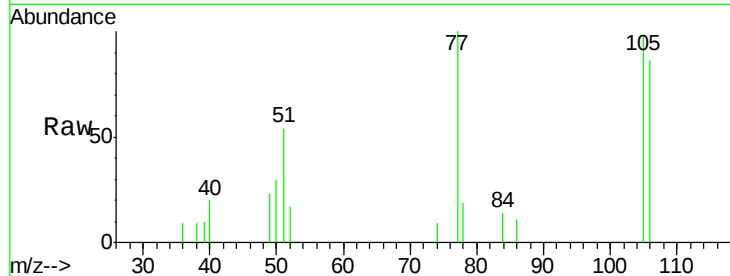




#9
Benzaldehyde
Concen: 5.67 ng
RT: 6.24 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

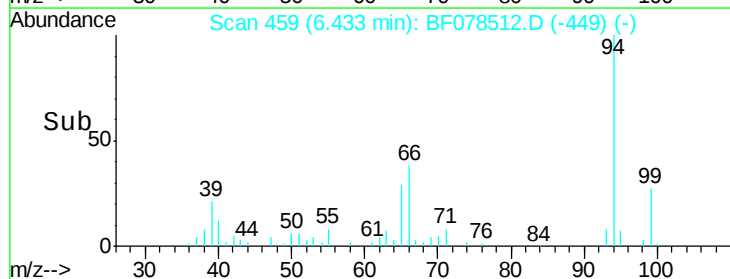
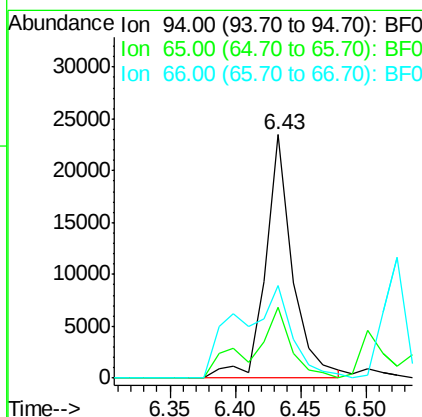
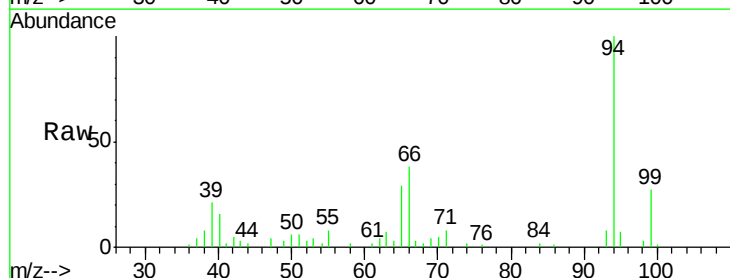
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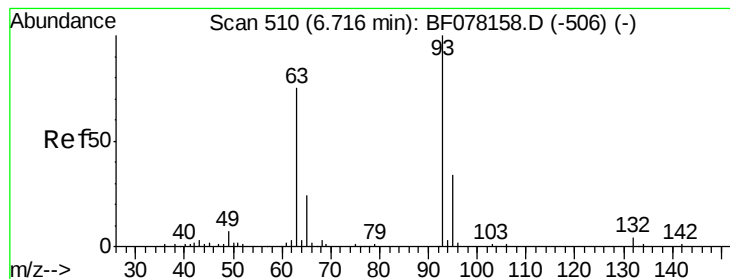
Tgt Ion: 77 Resp: 5041
Ion Ratio Lower Upper
77 100
105 98.3 85.4 125.4
106 85.9 80.8 120.8



#10
Phenol
Concen: 21.04 ng
RT: 6.43 min Scan# 459
Delta R.T. 0.01 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion: 94 Resp: 33808
Ion Ratio Lower Upper
94 100
65 29.0 4.9 44.9
66 38.2 13.8 53.8





#11

bis(2-Chloroethyl)ether

Concen: 17.79 ng

RT: 6.50 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

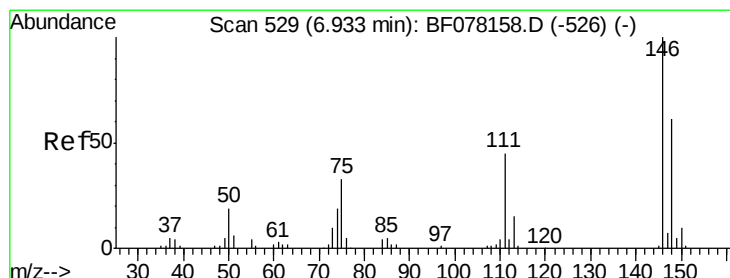
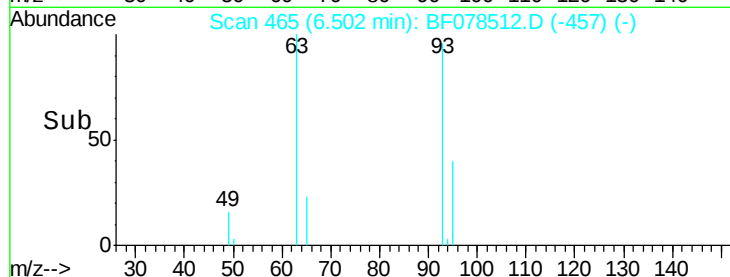
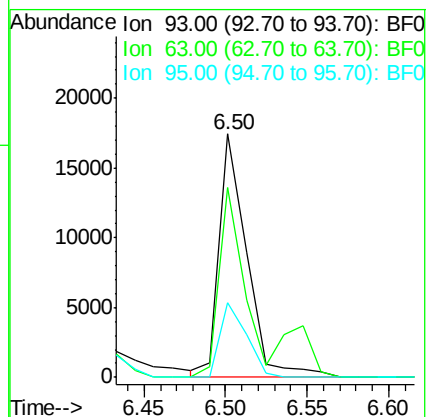
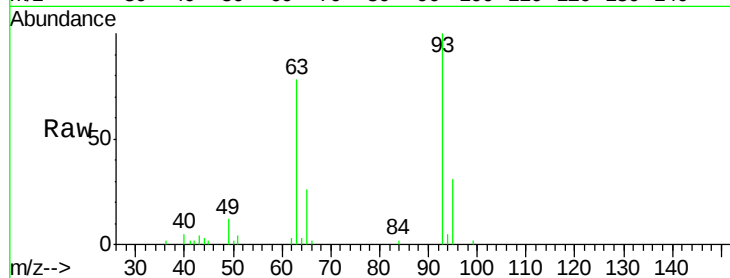
Tgt Ion: 93 Resp: 20559

Ion Ratio Lower Upper

93 100

63 78.0 54.6 94.6

95 30.6 13.6 53.6



#12

1,3-Dichlorobenzene

Concen: 11.62 ng

RT: 6.72 min Scan# 484

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

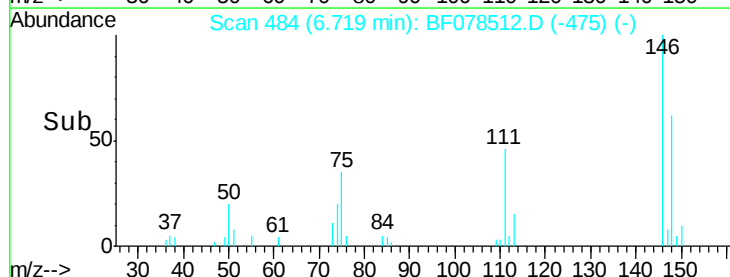
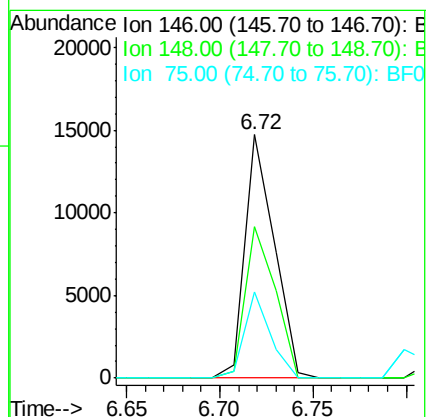
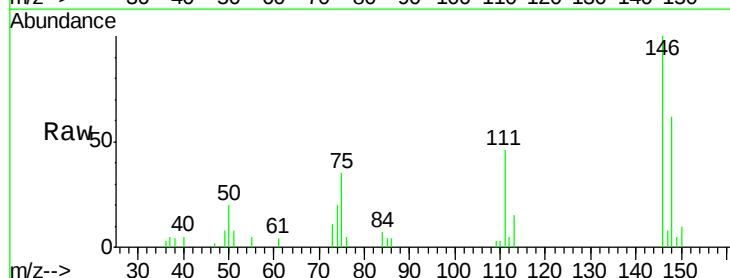
Tgt Ion: 146 Resp: 16143

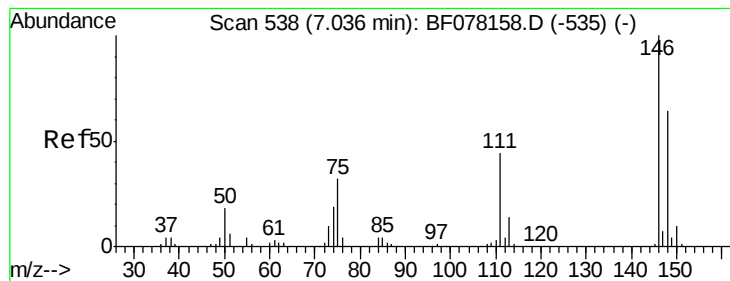
Ion Ratio Lower Upper

146 100

148 62.3 49.1 73.7

75 35.4 26.6 40.0





#13

1,4-Dichlorobenzene

Concen: 12.08 ng

RT: 6.82 min Scan# 493

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

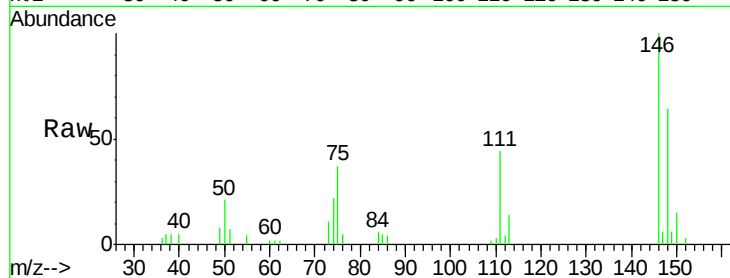
Tgt Ion:146 Resp: 16894

Ion Ratio Lower Upper

146 100

148 64.2 51.4 77.0

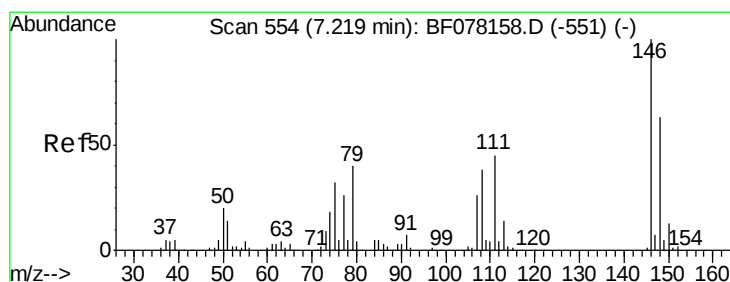
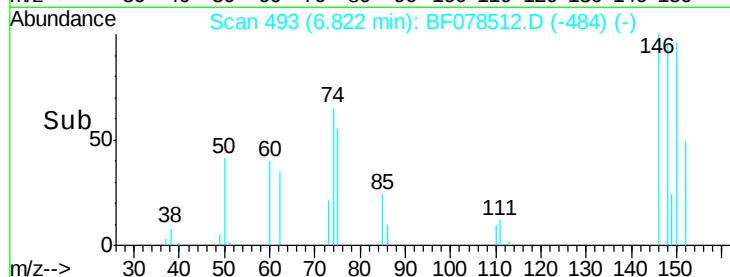
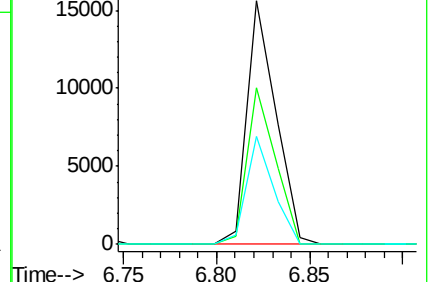
111 44.1 35.0 52.4



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: 13.77 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

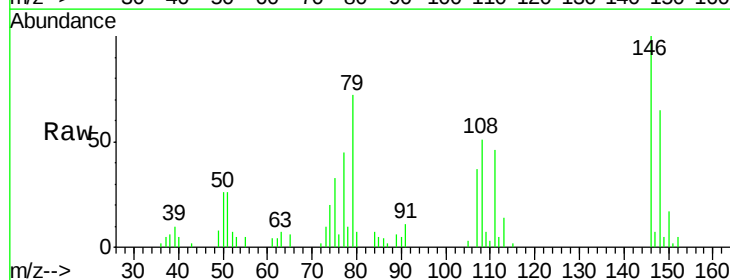
Tgt Ion:146 Resp: 18058

Ion Ratio Lower Upper

146 100

148 64.7 50.2 75.4

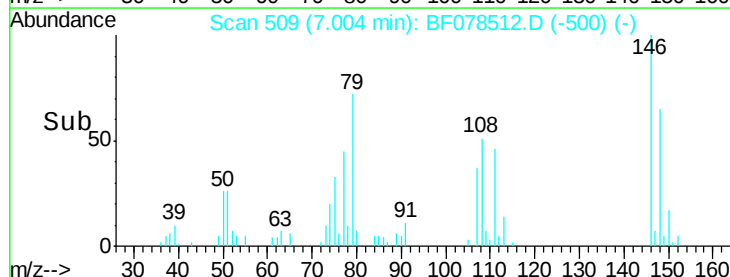
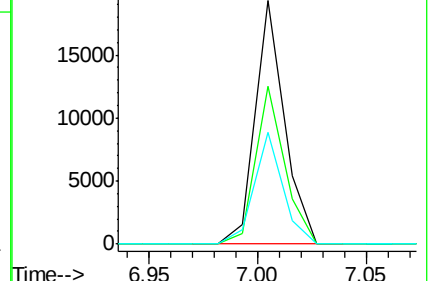
111 45.8 36.1 54.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 24.56 ng

RT: 7.00 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

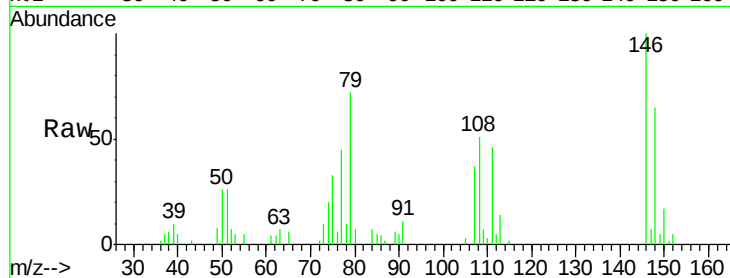
Tgt Ion: 79 Resp: 23138

Ion Ratio Lower Upper

79 100

108 71.2 57.6 86.4

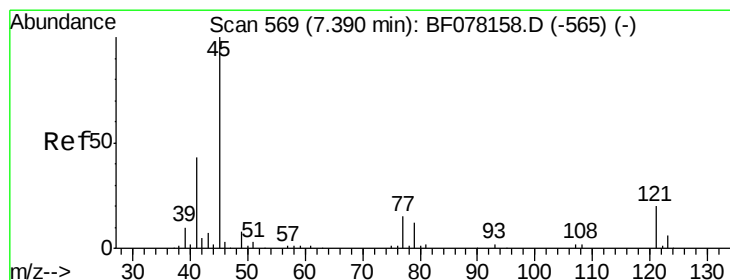
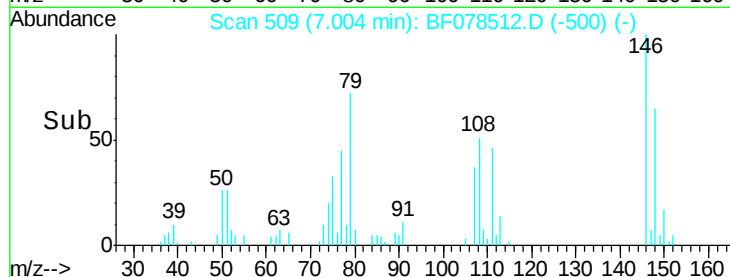
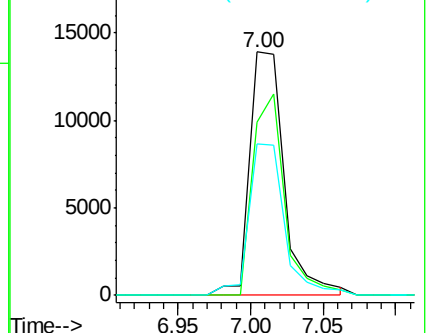
77 62.4 53.5 80.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 18.37 ng

RT: 7.19 min Scan# 525

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

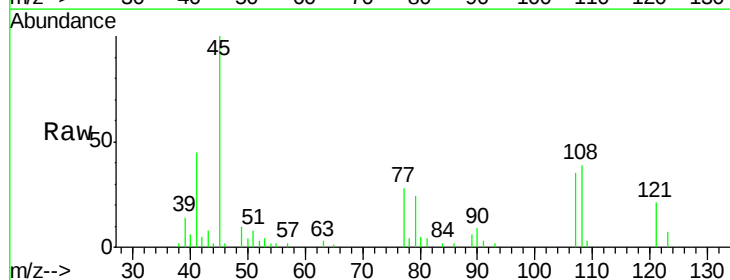
Tgt Ion: 45 Resp: 28319

Ion Ratio Lower Upper

45 100

77 27.5 0.0 34.5

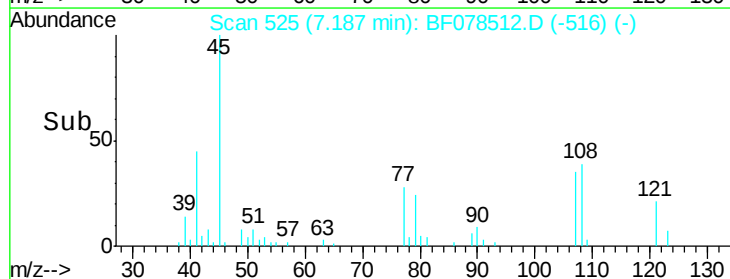
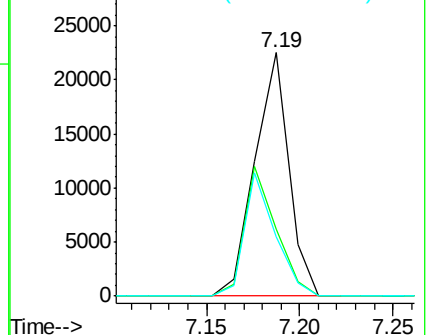
79 24.3 0.0 31.9

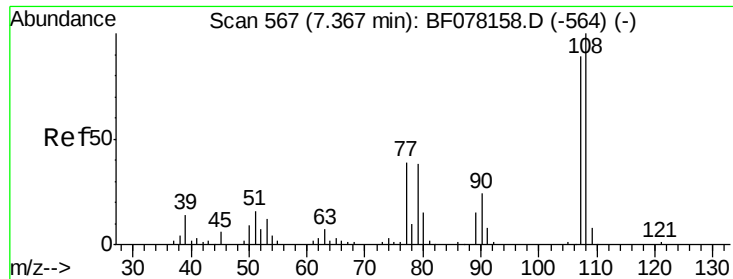


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

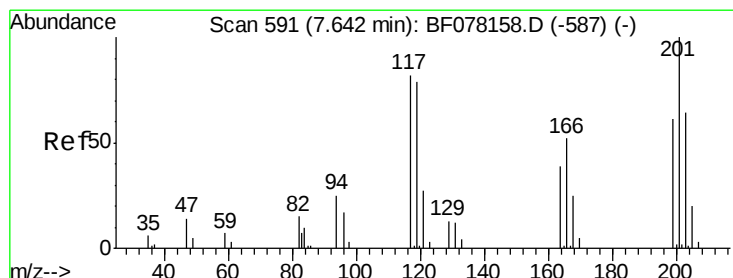
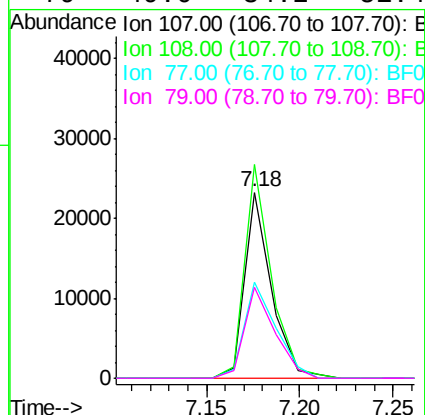
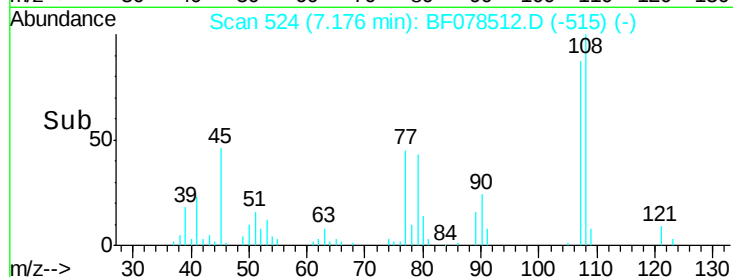
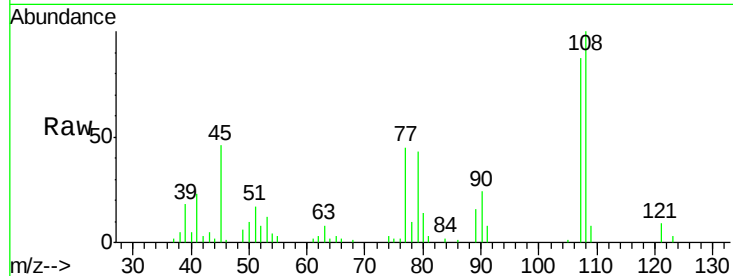




#17
2-Methylphenol
Concen: 23.63 ng
RT: 7.18 min Scan# 524
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

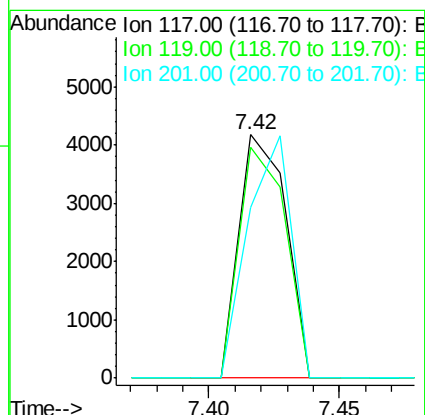
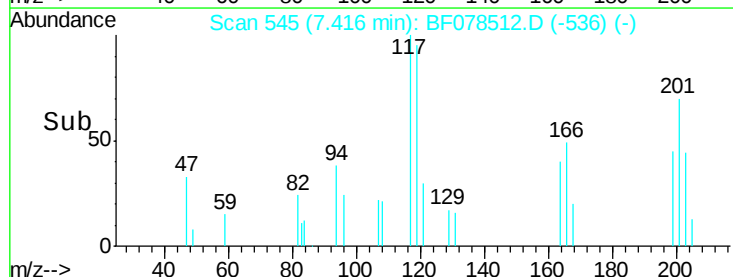
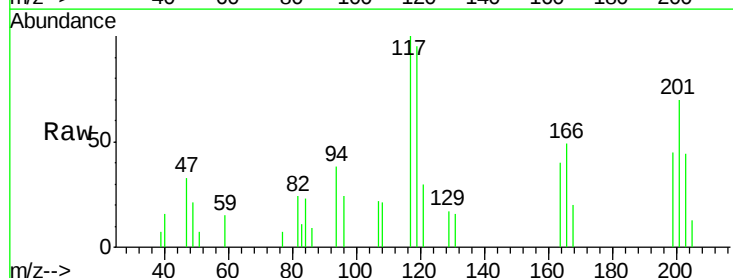
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

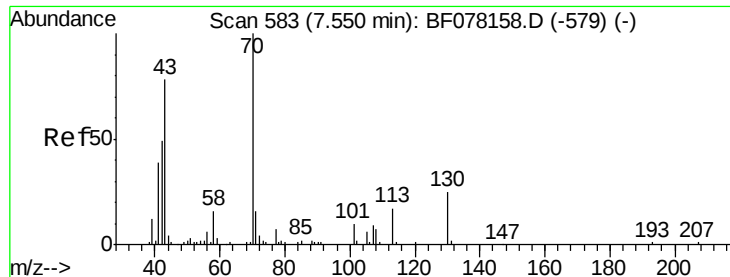
Tgt Ion:	107	Resp:	23207
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.3	135.5
77	51.7	35.5	53.3
79	49.0	34.2	51.4



#18
Hexachloroethane
Concen: 11.21 ng
RT: 7.42 min Scan# 545
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:	117	Resp:	5288
Ion	Ratio	Lower	Upper
117	100		
119	94.6	77.0	115.6
201	70.0	98.1	147.1#

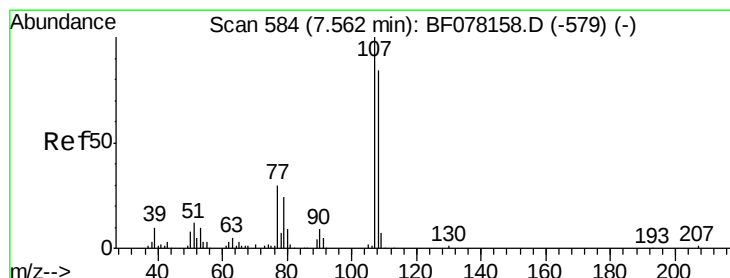
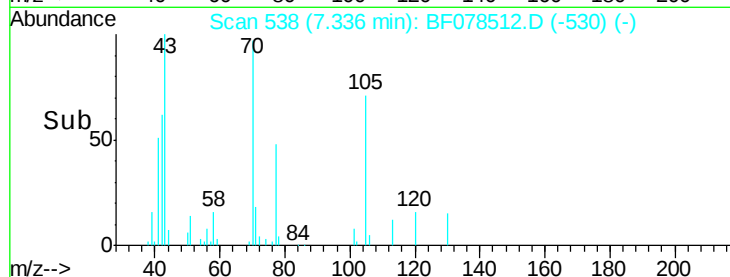
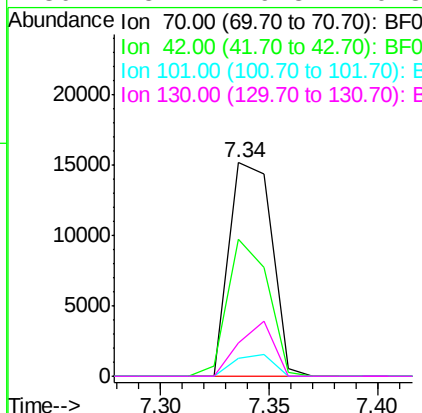
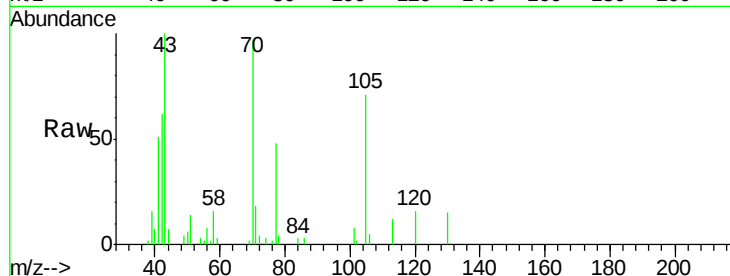




#19
n-Nitroso-di-n-propylamine
Concen: 23.27 ng
RT: 7.34 min Scan# 538
Delta R.T. -0.01 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

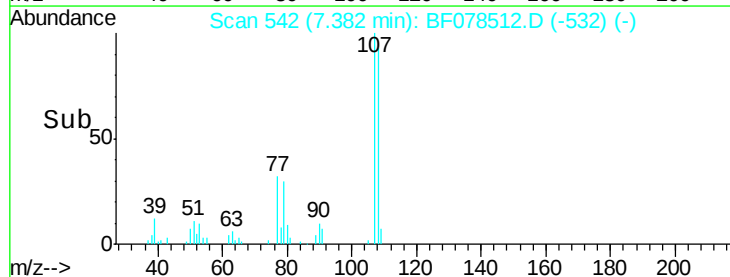
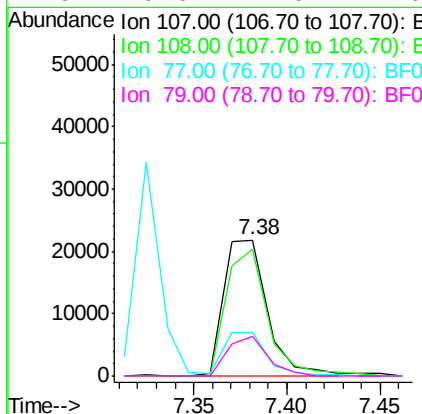
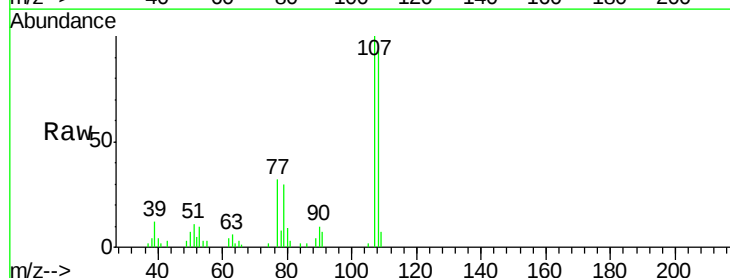
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

Tgt Ion: 70 Resp: 20583
Ion Ratio Lower Upper
70 100
42 64.2 38.9 58.3#
101 8.7 8.3 12.5
130 15.7 19.8 29.8#



#20
3+4-Methylphenols
Concen: 27.37 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.01 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion: 107 Resp: 35870
Ion Ratio Lower Upper
107 100
108 92.8 64.4 104.4
77 31.9 9.7 49.7
79 29.6 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: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

Tgt Ion:136 Resp: 74939

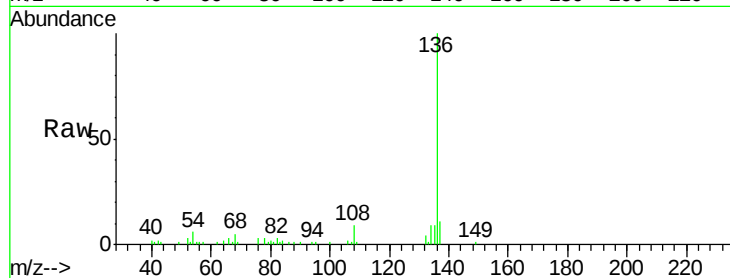
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 5.6 7.0 10.6#

68 4.6 5.4 8.2#

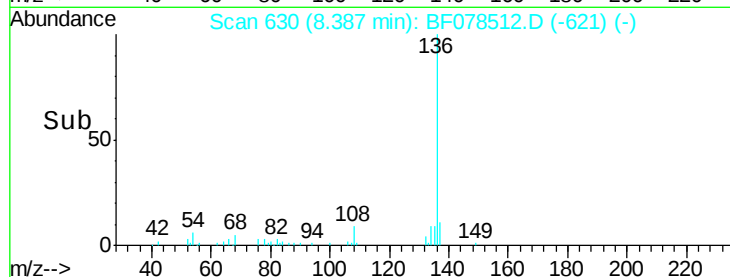


Abundance Ion 136.00 (135.70 to 136.70): E

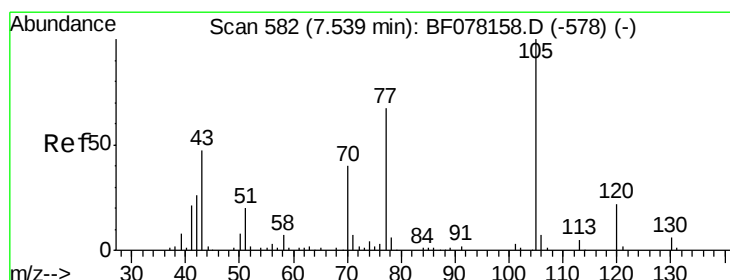
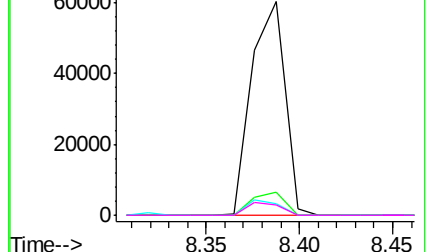
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 24.00 ng

RT: 7.32 min Scan# 537

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Tgt Ion:105 Resp: 41907

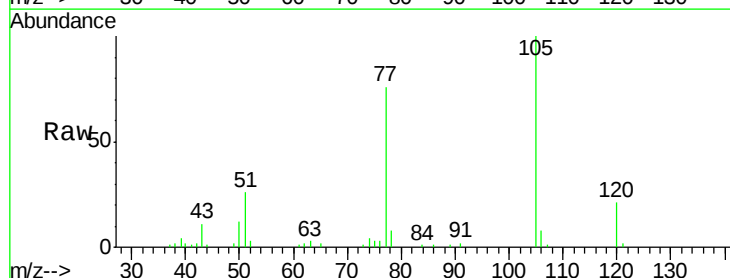
Ion Ratio Lower Upper

105 100

71 0.0 5.5 8.3#

51 26.3 16.0 24.0#

120 21.1 17.8 26.6

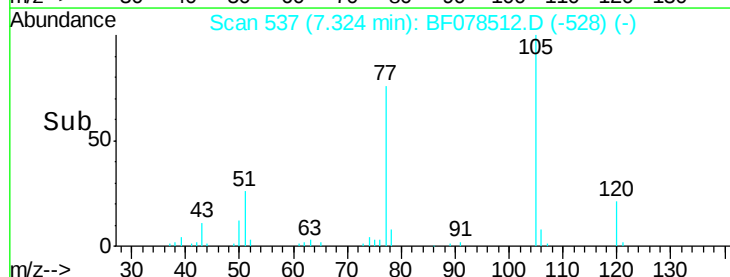


Abundance Ion 105.00 (104.70 to 105.70): E

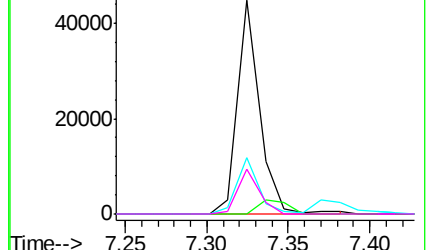
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

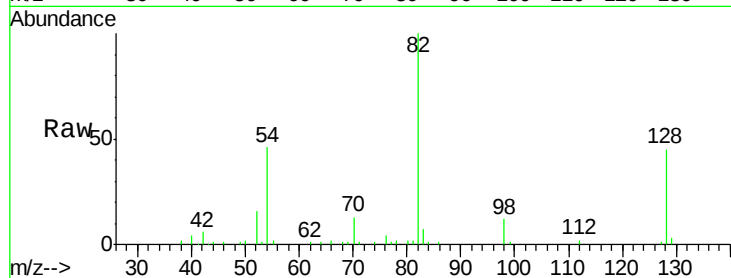




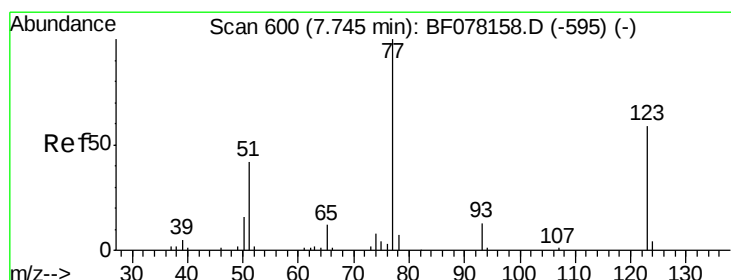
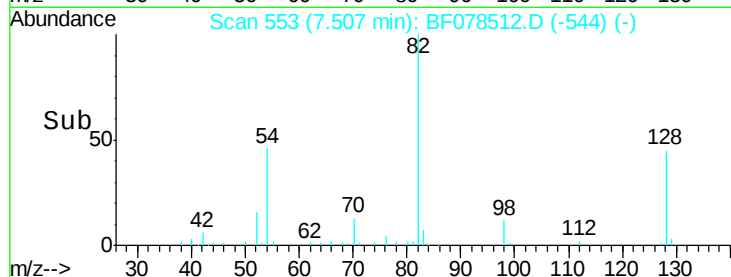
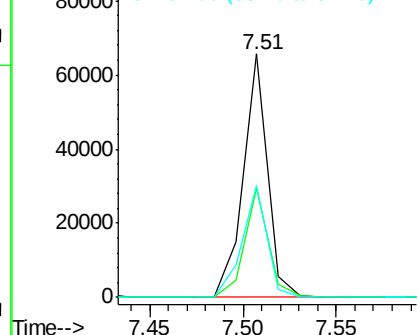
#23
 Nitrobenzene-d5
 Concen: 48.24 ng
 RT: 7.51 min Scan# 553
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.0	31.8	47.8
54	45.7	41.5	62.3

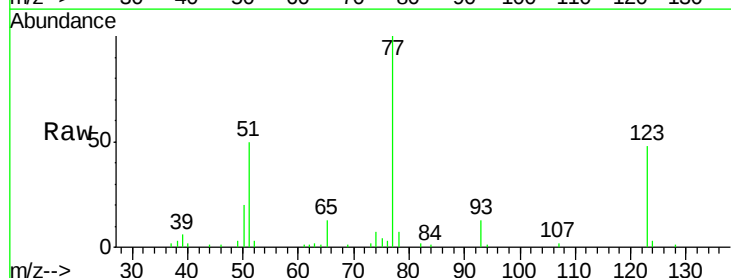


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

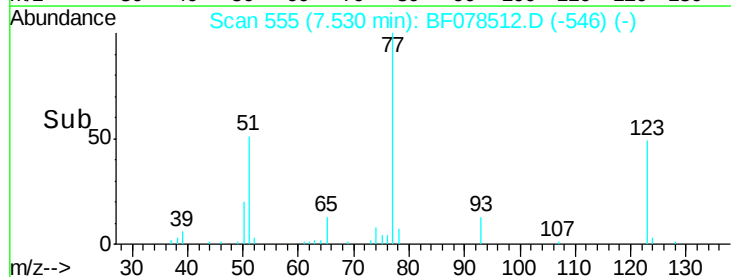
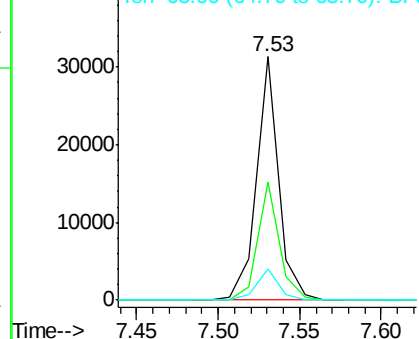


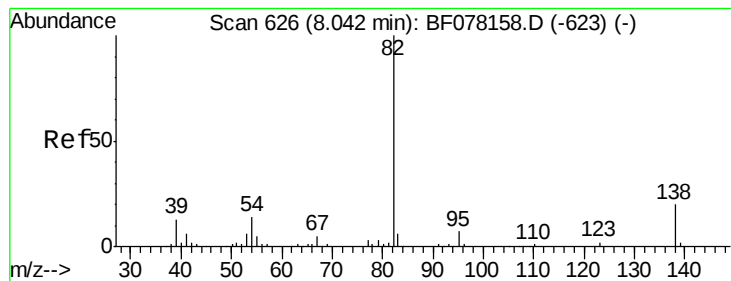
#24
 Nitrobenzene
 Concen: 22.78 ng
 RT: 7.53 min Scan# 555
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	46.9	70.3
65	12.8	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: 27.74 ng

RT: 7.84 min Scan# 582

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

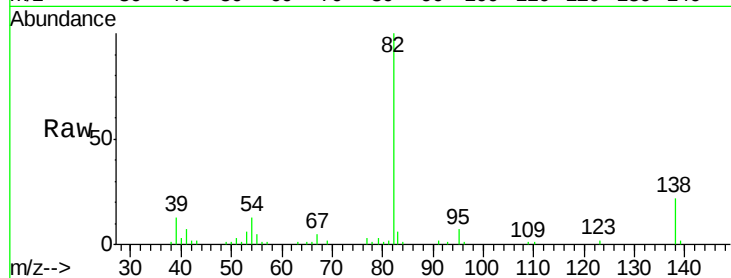
Tgt Ion: 82 Resp: 65082

Ion Ratio Lower Upper

82 100

95 7.4 5.7 8.5

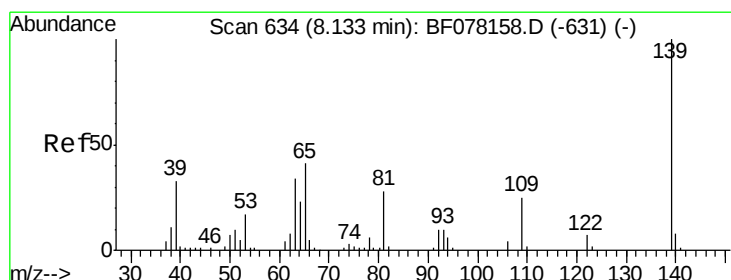
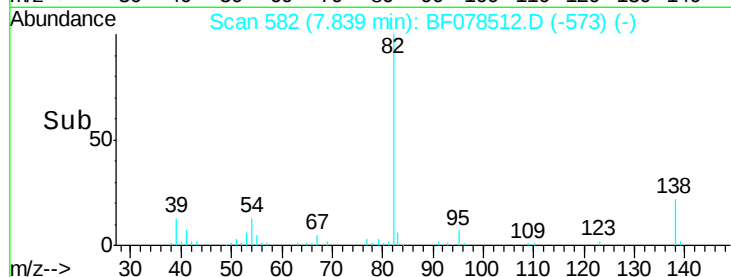
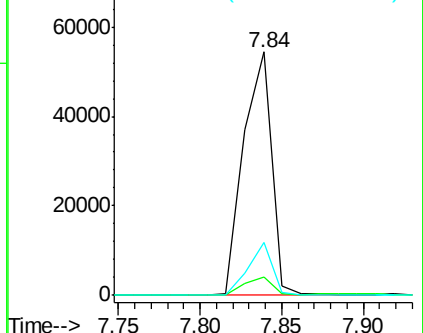
138 21.8 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 17.18 ng

RT: 7.93 min Scan# 590

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

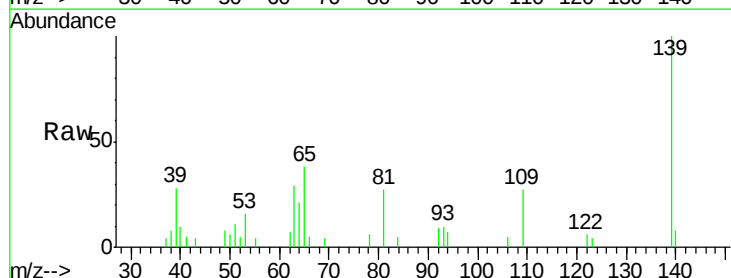
Tgt Ion: 139 Resp: 10580

Ion Ratio Lower Upper

139 100

109 27.1 19.8 29.8

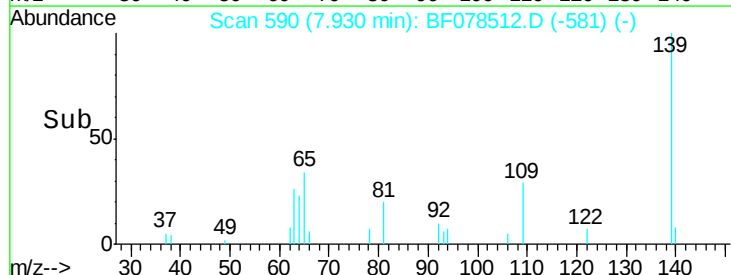
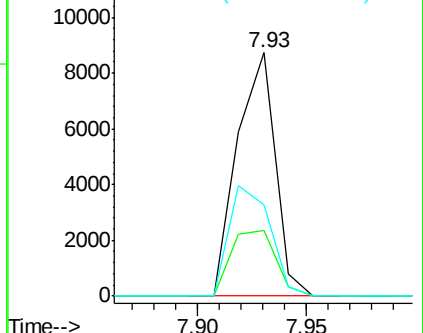
65 37.7 32.7 49.1

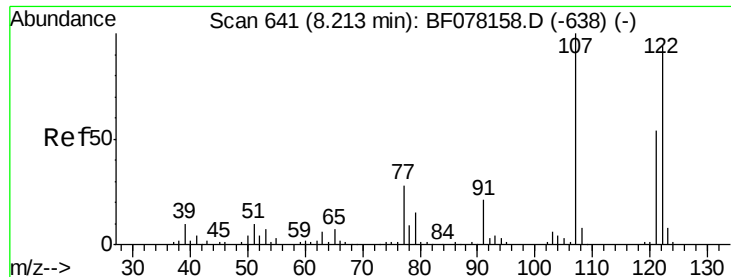


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

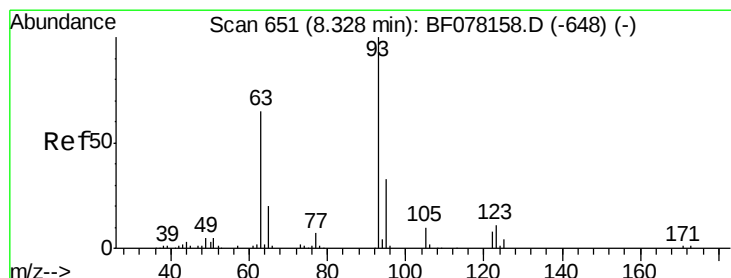
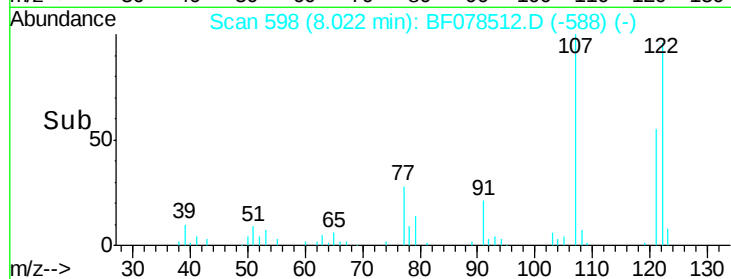
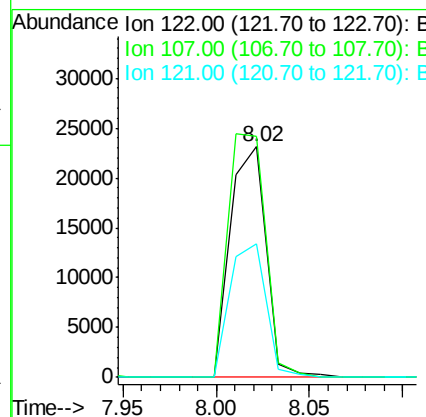
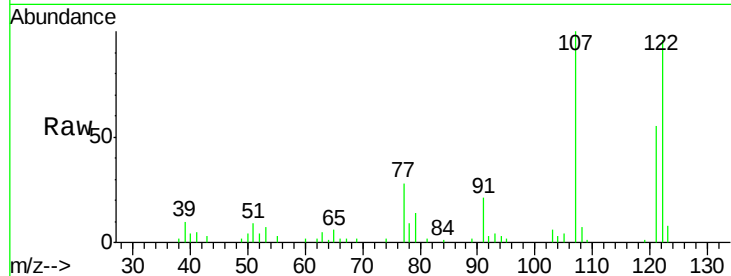




#27
 2,4-Dimethylphenol
 Concen: 27.28 ng
 RT: 8.02 min Scan# 598
 Delta R.T. 0.01 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

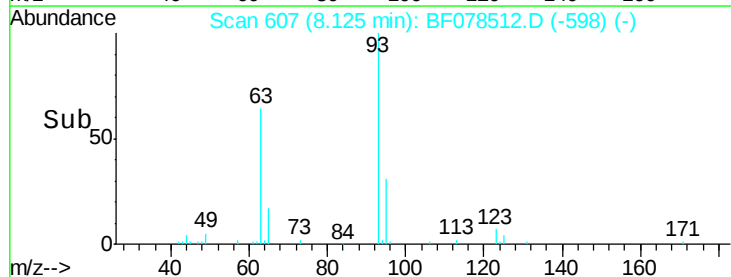
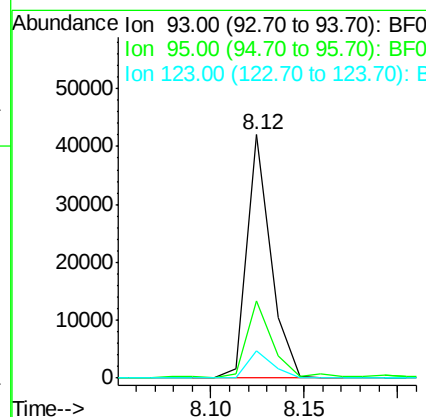
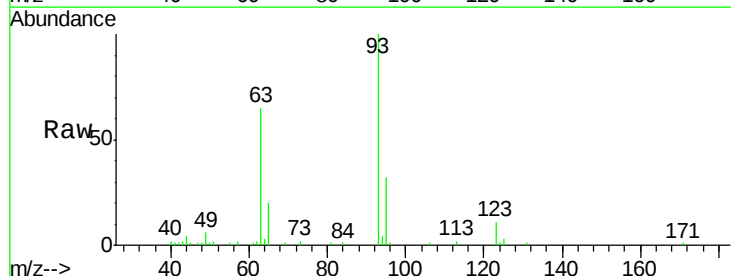
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

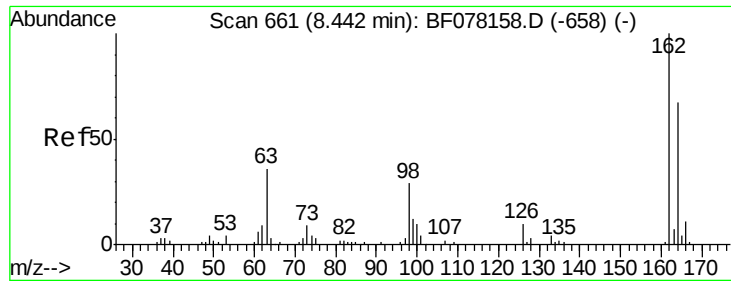
Tgt Ion: 122 Resp: 31248
 Ion Ratio Lower Upper
 122 100
 107 104.5 84.6 127.0
 121 57.6 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 24.86 ng
 RT: 8.12 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion: 93 Resp: 37399
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.3 39.5
 123 11.0 9.1 13.7

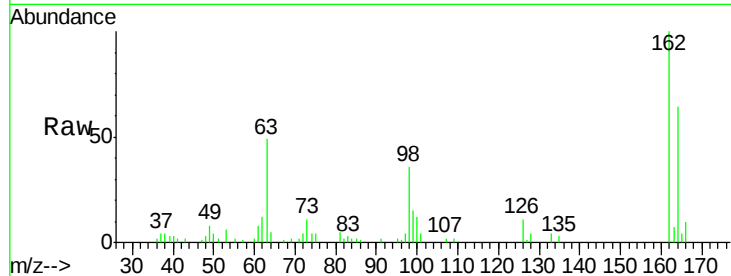




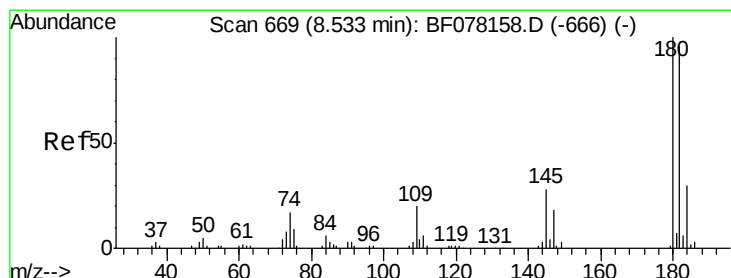
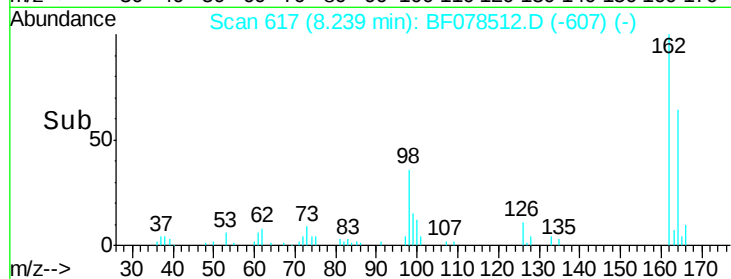
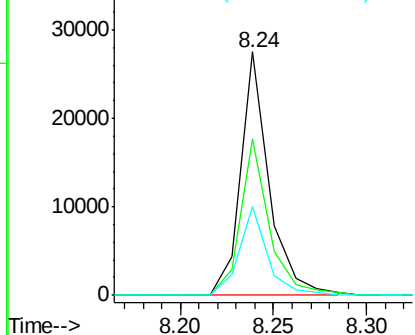
#29
 2,4-Dichlorophenol
 Concen: 28.10 ng
 RT: 8.24 min Scan# 617
 Delta R.T. 0.01 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.1	47.0	87.0
98	36.3	9.2	49.2

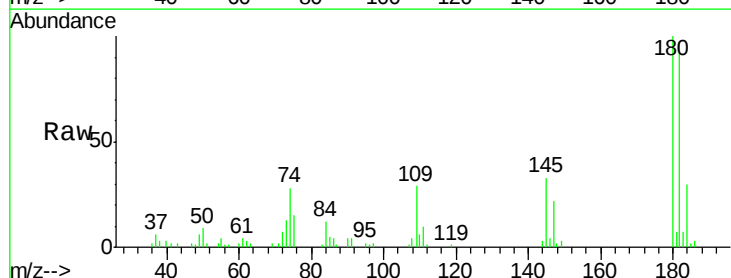


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

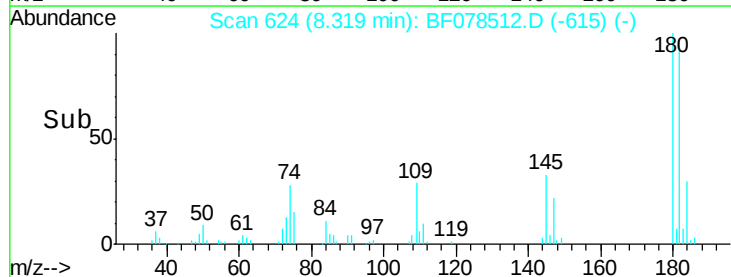
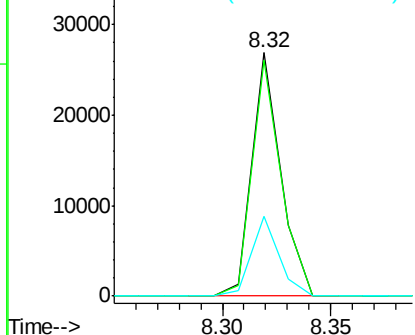


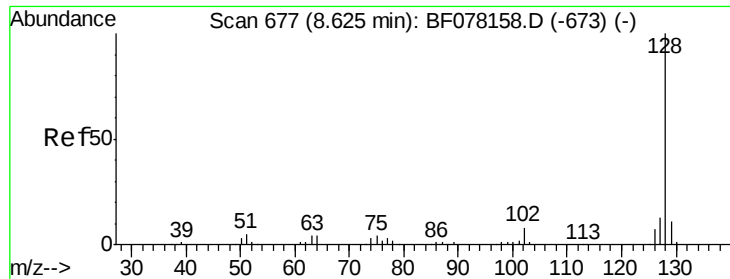
#30
 1,2,4-Trichlorobenzene
 Concen: 20.71 ng
 RT: 8.32 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.9	115.3
145	32.7	22.5	33.7



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

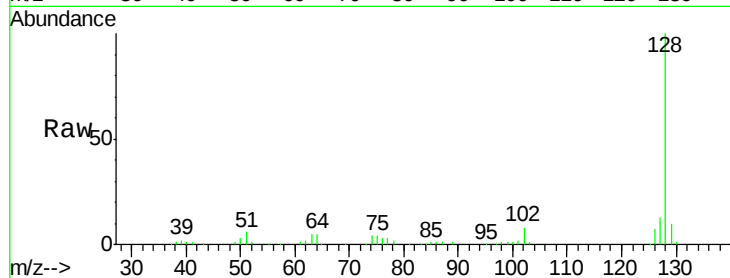




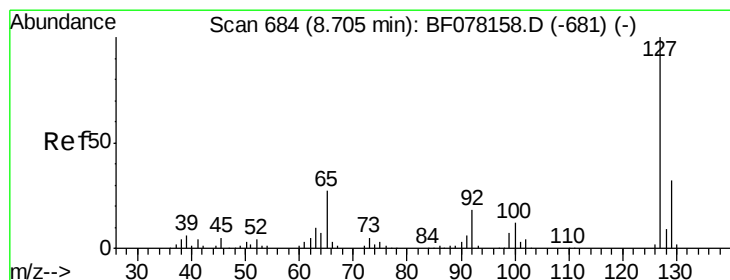
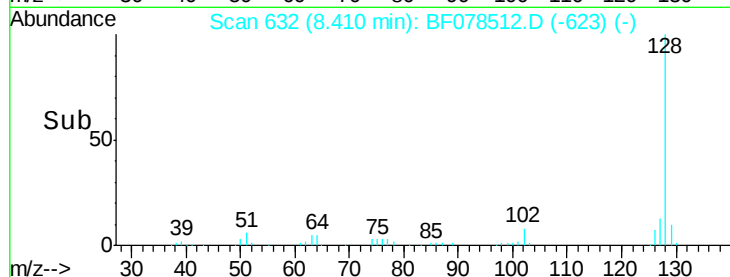
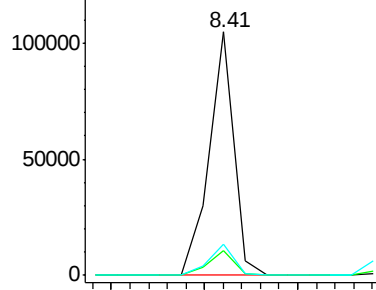
#31
Naphthalene
Concen: 24.78 ng
RT: 8.41 min Scan# 632
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

Tgt Ion:128 Resp: 96653
Ion Ratio Lower Upper
128 100
129 10.4 8.6 12.8
127 12.9 10.7 16.1

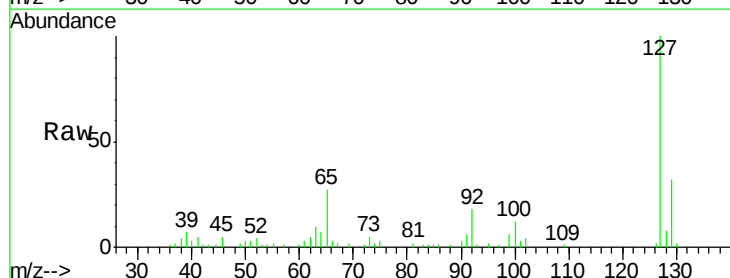


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

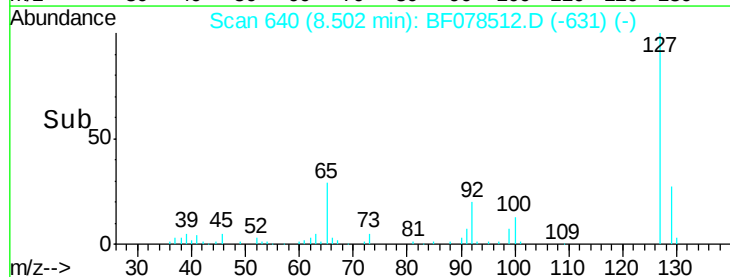
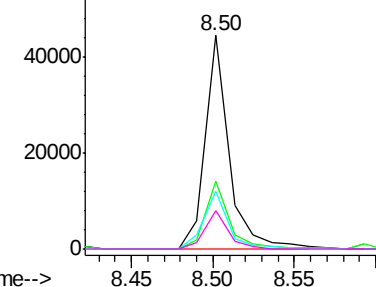


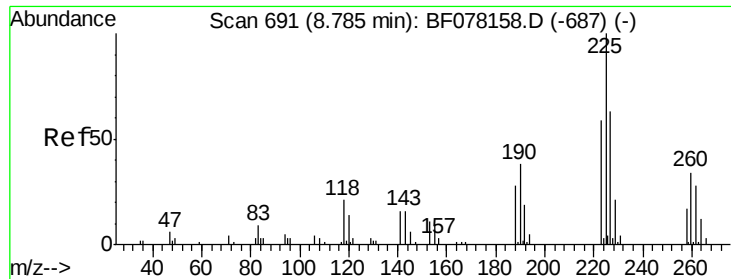
#33
4-Chloroaniline
Concen: 27.73 ng
RT: 8.50 min Scan# 640
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:127 Resp: 44875
Ion Ratio Lower Upper
127 100
129 31.9 25.5 38.3
65 26.8 21.7 32.5
92 18.0 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: 19.45 ng

RT: 8.57 min Scan# 646

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

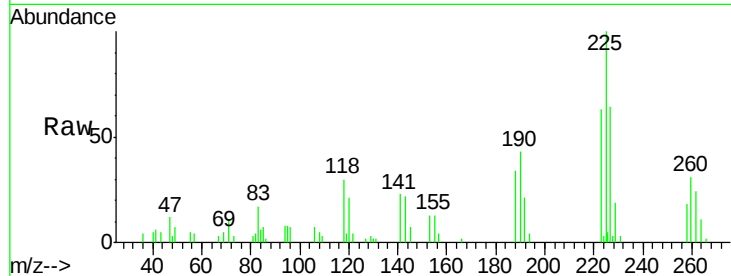
Tgt Ion:225 Resp: 12758

Ion Ratio Lower Upper

225 100

223 62.9 47.5 71.3

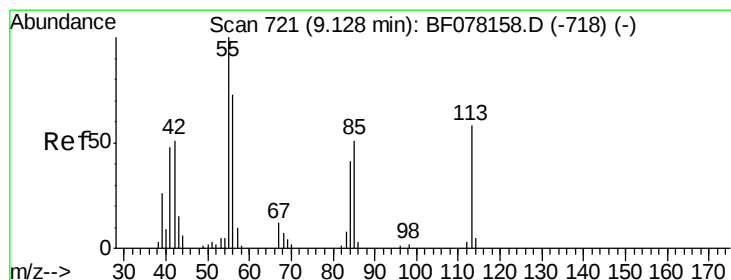
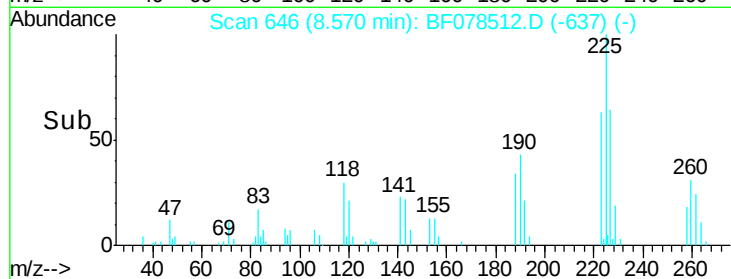
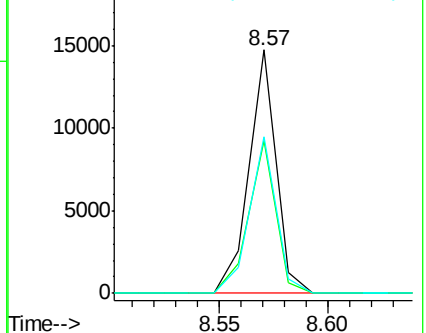
227 64.4 50.2 75.2



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: 51.15 ng

RT: 8.91 min Scan# 676

Delta R.T. -0.03 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

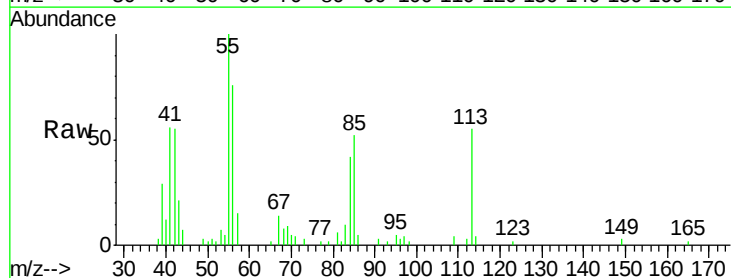
Tgt Ion:113 Resp: 15908

Ion Ratio Lower Upper

113 100

55 180.8 151.9 191.9

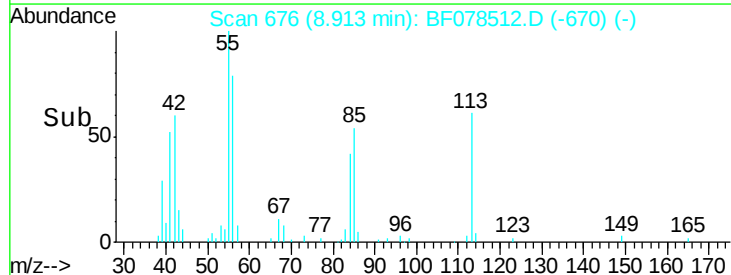
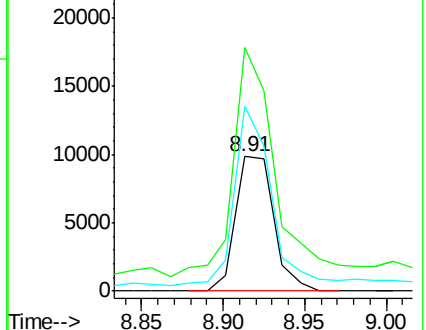
56 137.1 106.1 146.1

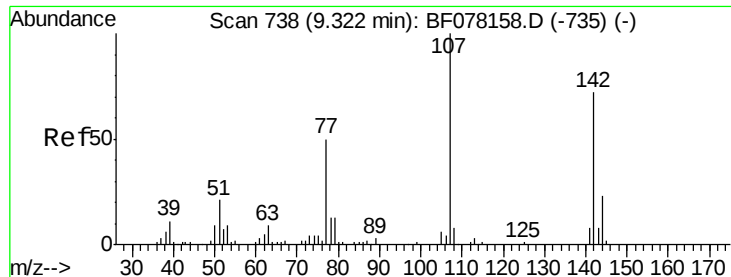


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0

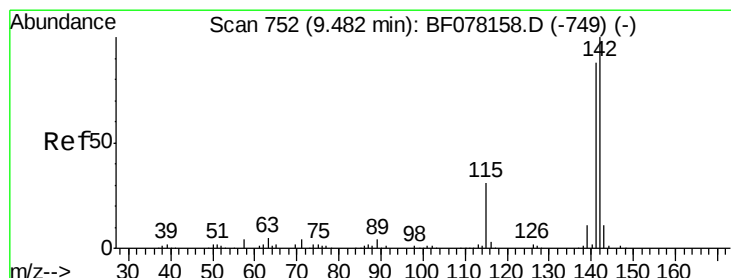
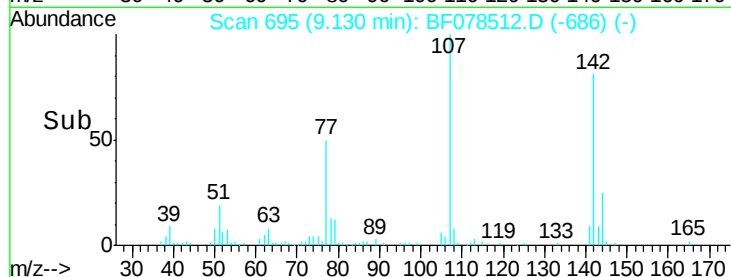
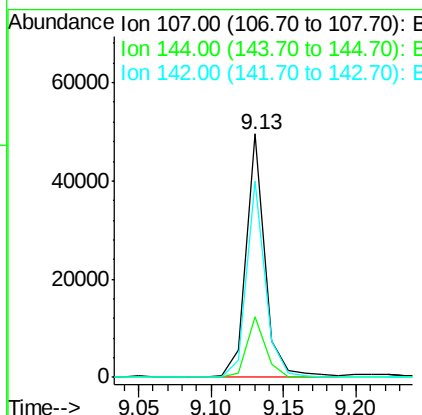
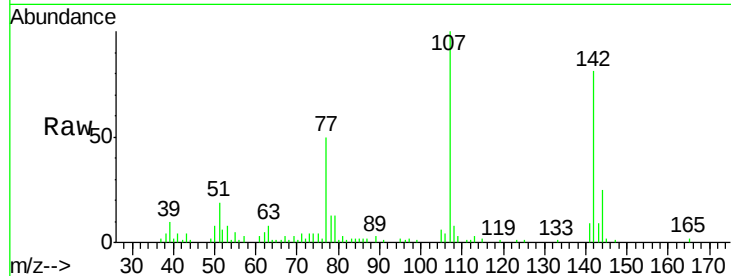




#36
 4-Chloro-3-methylphenol
 Concen: 43.23 ng
 RT: 9.13 min Scan# 695
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

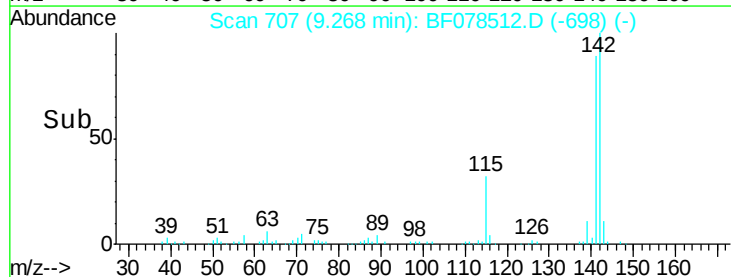
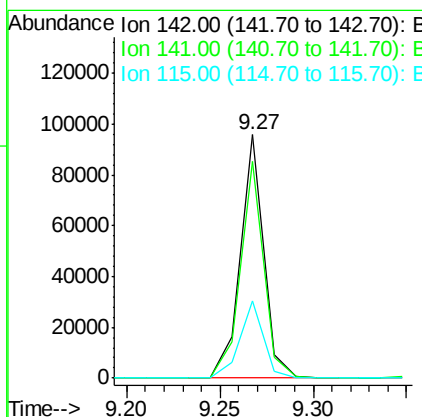
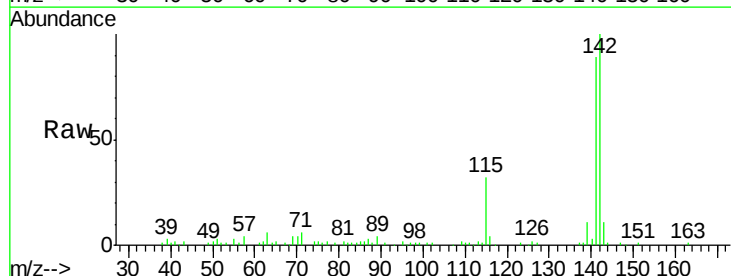
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

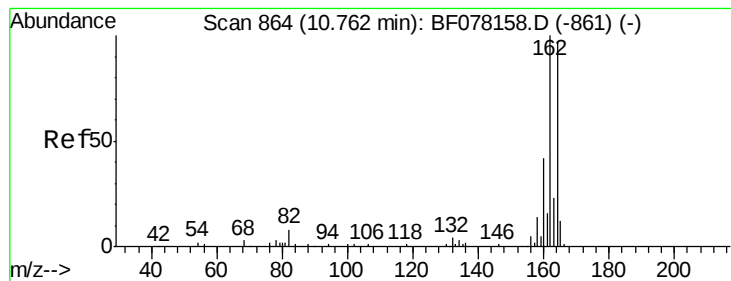
Tgt Ion:107 Resp: 45448
 Ion Ratio Lower Upper
 107 100
 144 24.7 18.2 27.2
 142 80.8 58.0 87.0



#37
 2-Methylnaphthalene
 Concen: 31.58 ng
 RT: 9.27 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion:142 Resp: 83641
 Ion Ratio Lower Upper
 142 100
 141 88.8 70.3 105.5
 115 31.7 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: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

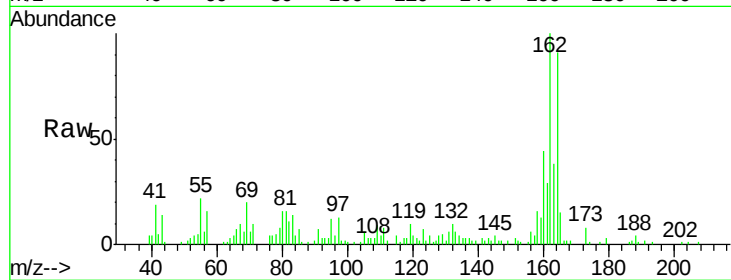
Tgt Ion:164 Resp: 38221

Ion Ratio Lower Upper

164 100

162 109.5 82.2 123.2

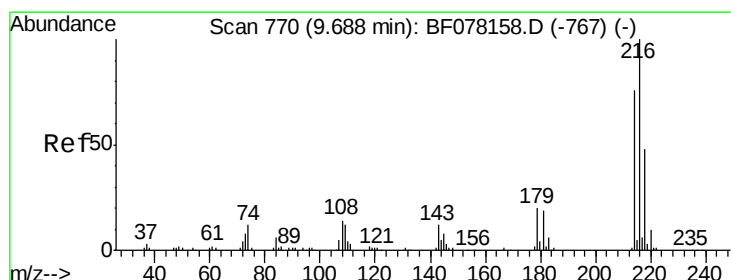
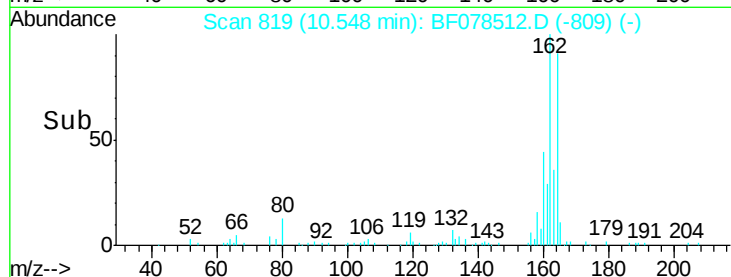
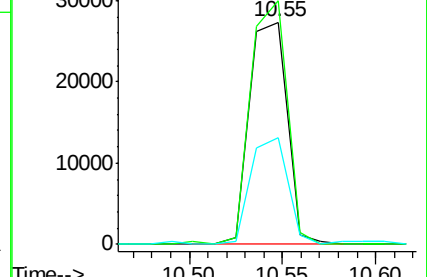
160 48.0 34.7 52.1



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.35 ng

RT: 9.47 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Tgt Ion:216 Resp: 37130

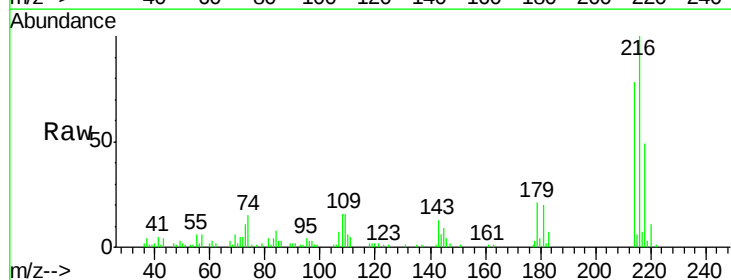
Ion Ratio Lower Upper

216 100

214 76.9 62.0 93.0

179 24.2 17.3 25.9

108 19.2 14.6 21.8

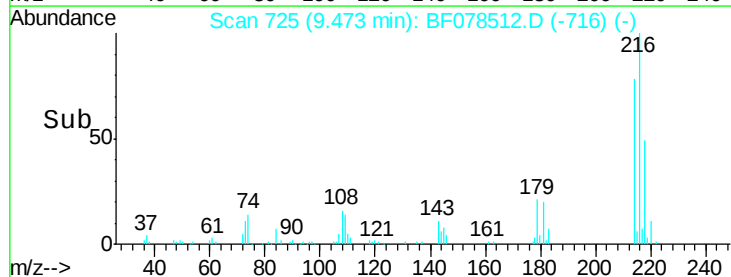
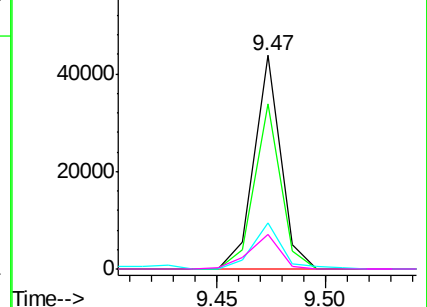


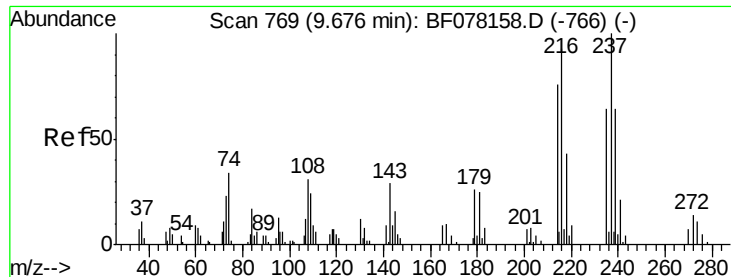
Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.39 ng

RT: 9.46 min Scan# 724

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

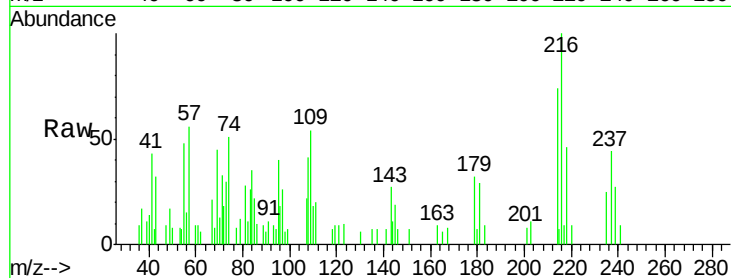
Tgt Ion:237 Resp: 2549

Ion Ratio Lower Upper

237 100

235 57.6 44.1 84.1

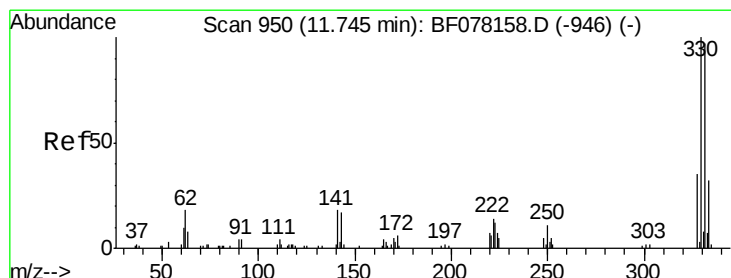
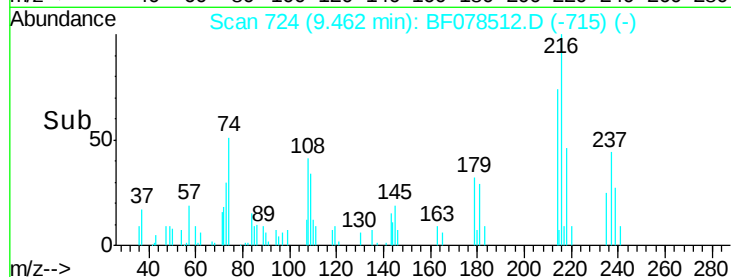
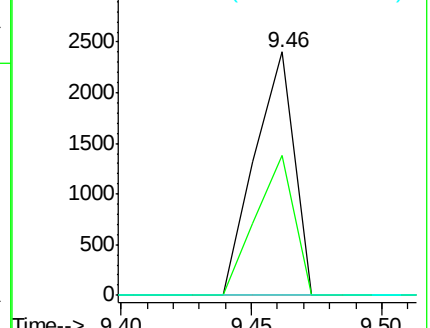
272 0.0 0.0 34.4



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 159.20 ng

RT: 11.52 min Scan# 904

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

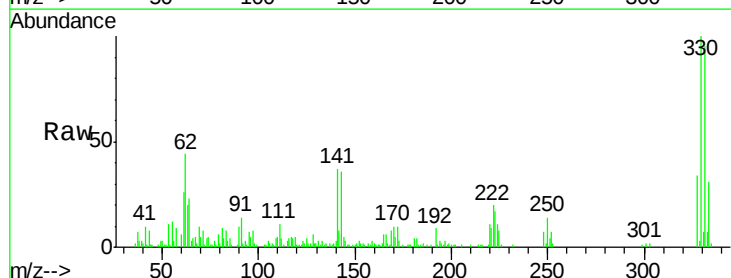
Tgt Ion:330 Resp: 50465

Ion Ratio Lower Upper

330 100

332 95.6 78.6 117.8

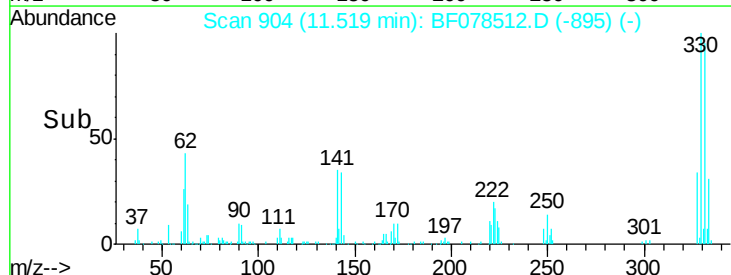
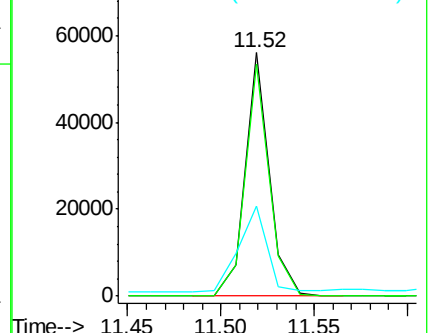
141 41.9 31.2 46.8

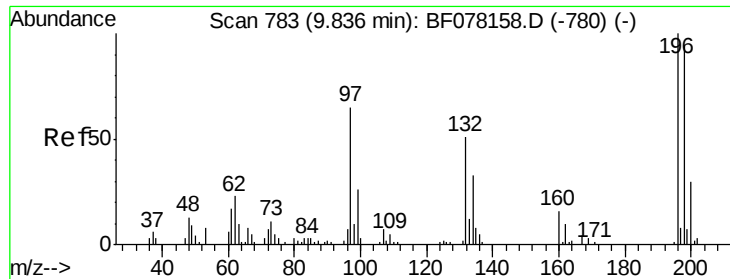


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

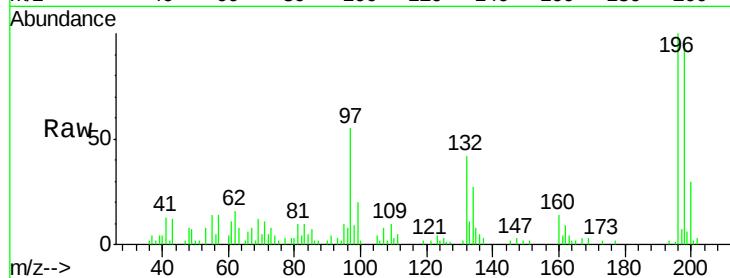




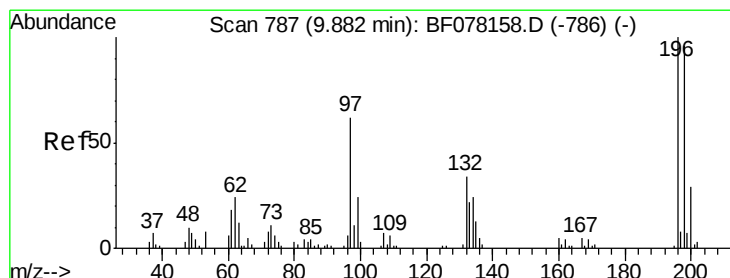
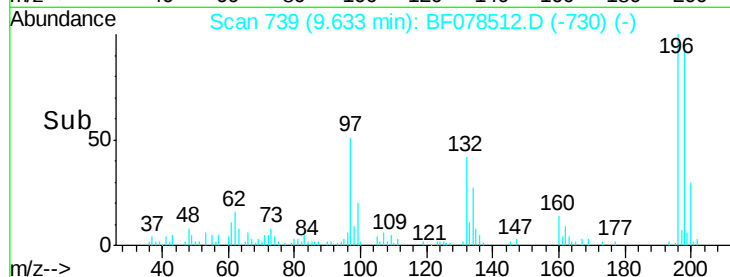
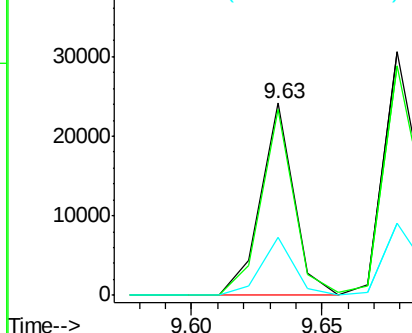
#42
 2,4,6-Trichlorophenol
 Concen: 28.64 ng
 RT: 9.63 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

Tgt Ion:196 Resp: 21388
 Ion Ratio Lower Upper
 196 100
 198 97.2 75.4 113.2
 200 30.5 24.0 36.0



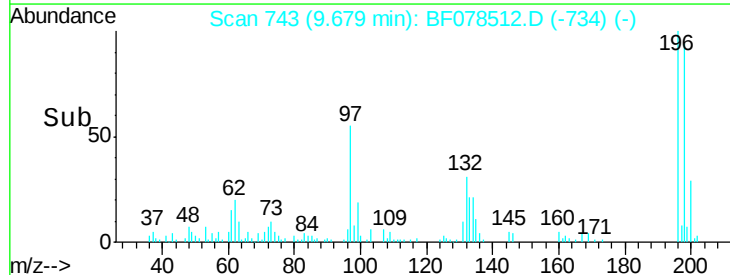
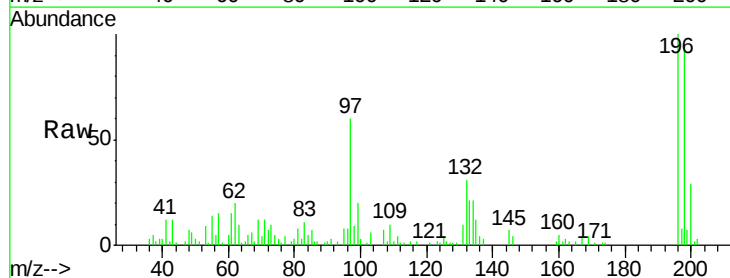
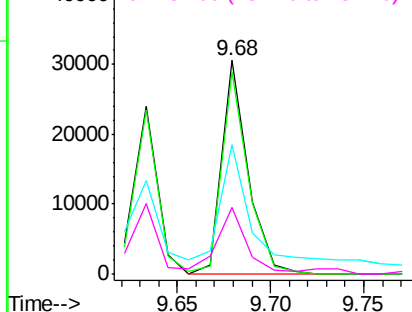
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

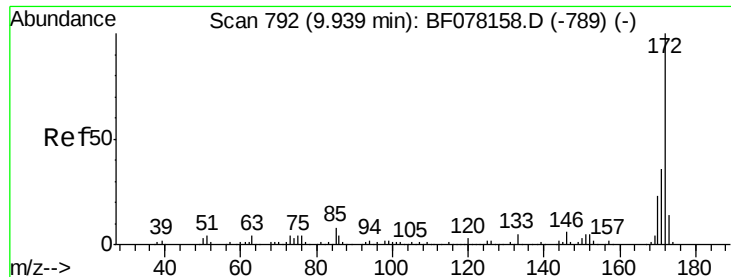


#43
 2,4,5-Trichlorophenol
 Concen: 38.53 ng
 RT: 9.68 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion:196 Resp: 30064
 Ion Ratio Lower Upper
 196 100
 198 94.5 76.6 115.0
 97 60.3 50.6 75.8
 132 31.1 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

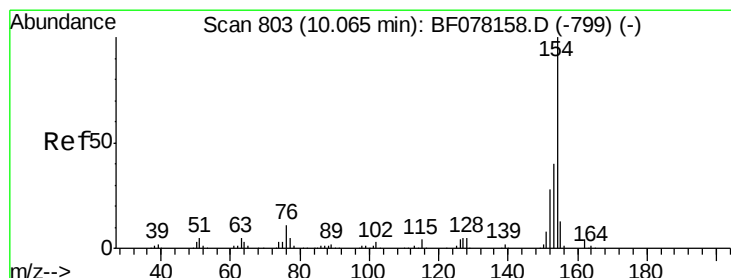
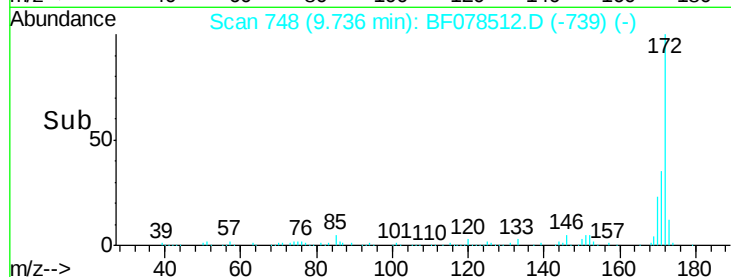
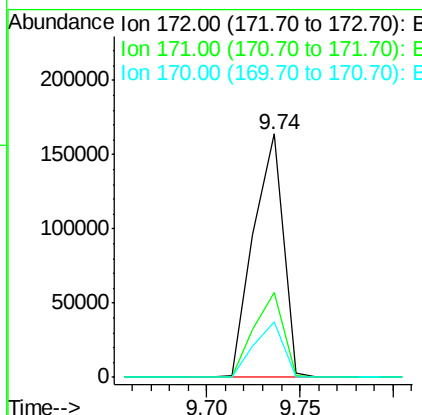
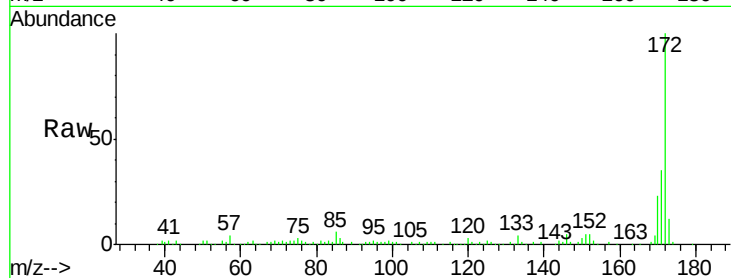




#44
 2-Fluorobiphenyl
 Concen: 67.63 ng
 RT: 9.74 min Scan# 748
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

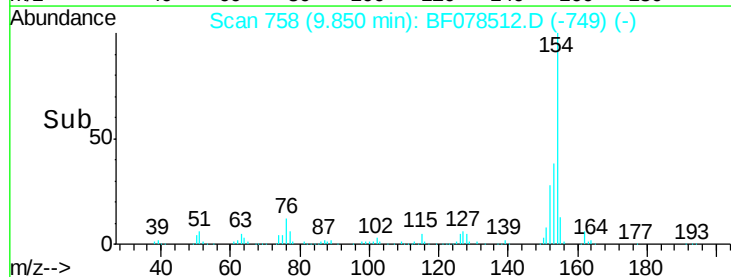
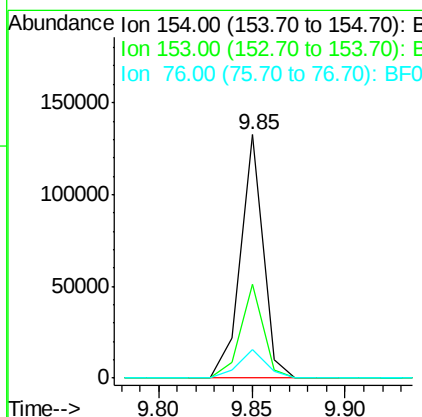
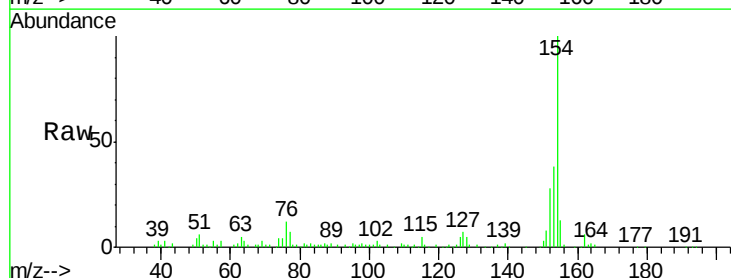
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

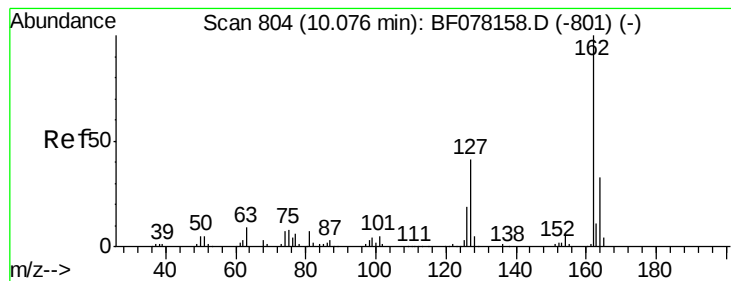
Tgt Ion:172 Resp: 180839
 Ion Ratio Lower Upper
 172 100
 171 34.7 28.6 42.8
 170 22.8 18.5 27.7



#45
 1,1'-Biphenyl
 Concen: 36.20 ng
 RT: 9.85 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion:154 Resp: 113170
 Ion Ratio Lower Upper
 154 100
 153 38.4 20.0 60.0
 76 11.8 0.0 30.6





#46

2-Chloronaphthalene

Concen: 34.66 ng

RT: 9.86 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

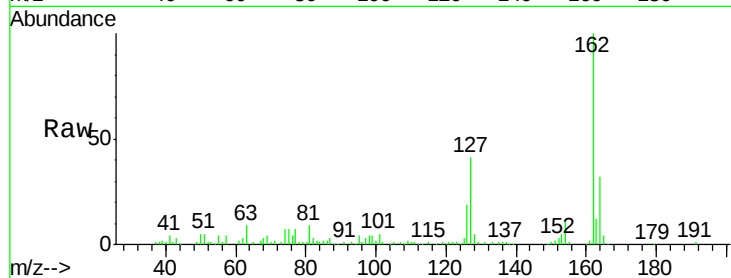
Tgt Ion:162 Resp: 85263

Ion Ratio Lower Upper

162 100

127 40.6 32.6 49.0

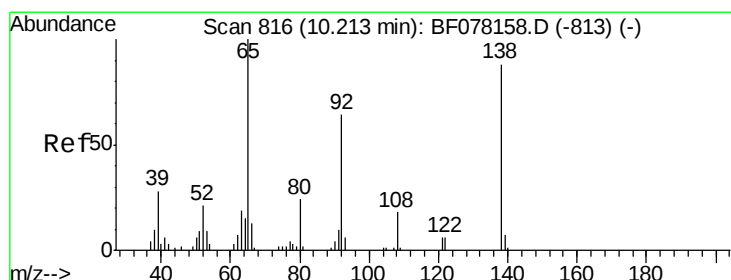
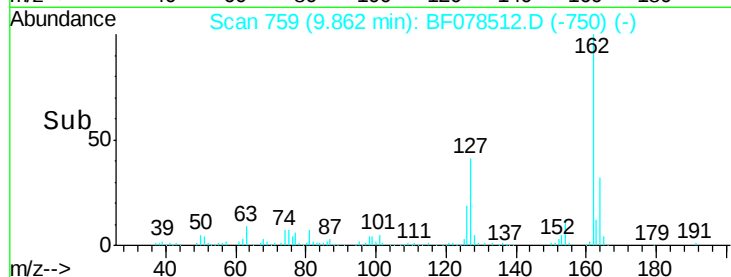
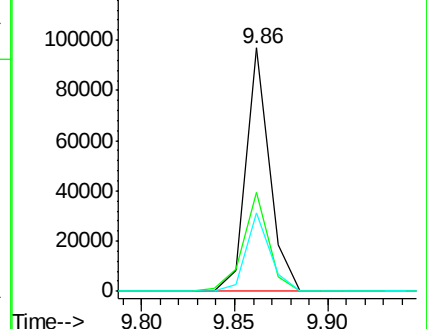
164 32.5 26.0 39.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 49.24 ng

RT: 10.01 min Scan# 772

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

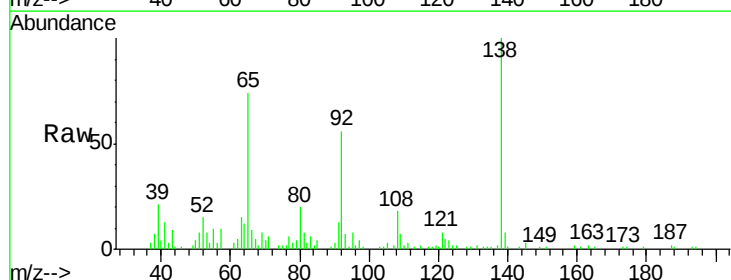
Tgt Ion: 65 Resp: 29968

Ion Ratio Lower Upper

65 100

92 75.2 51.3 76.9

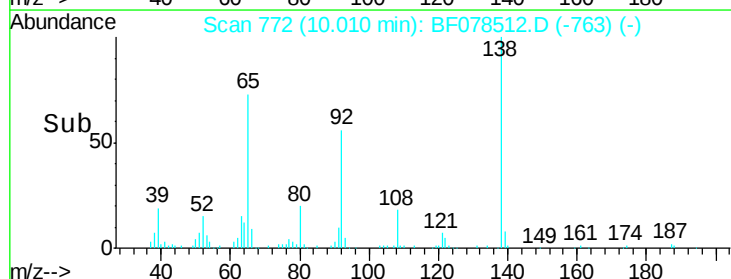
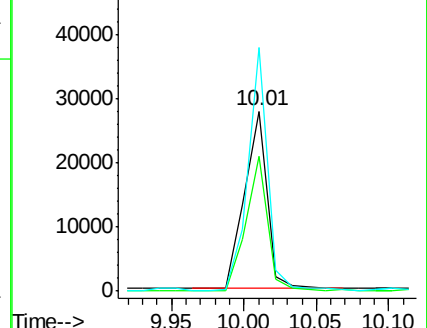
138 135.3 70.4 105.6#

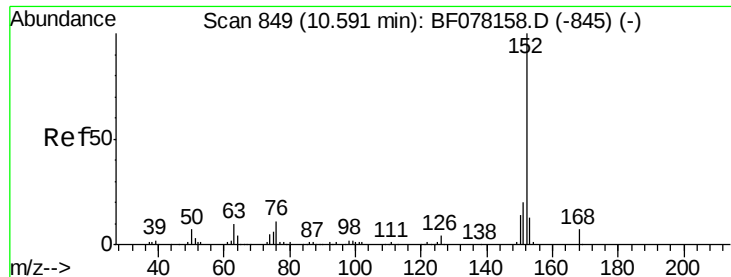


Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): E

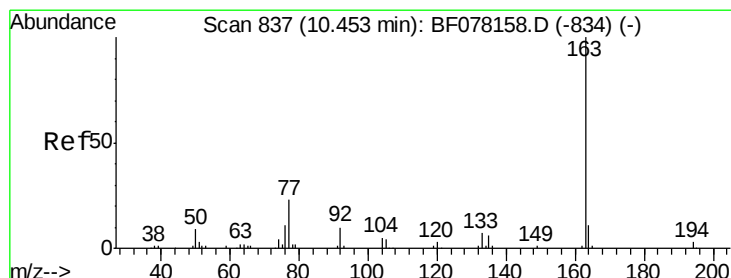
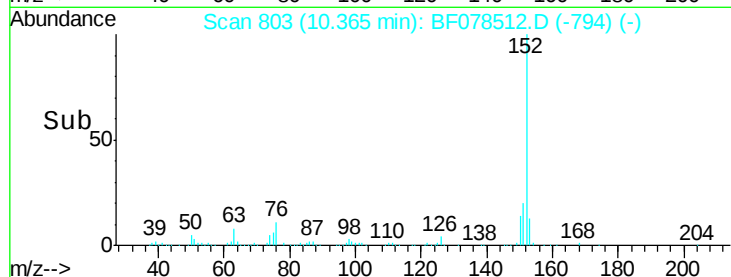
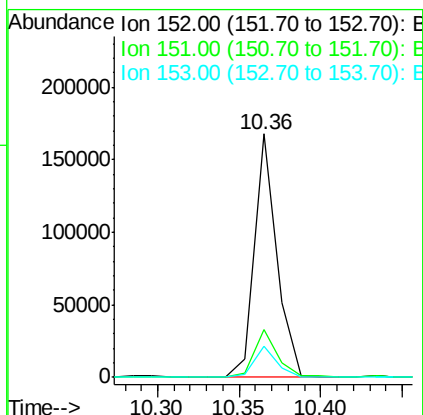
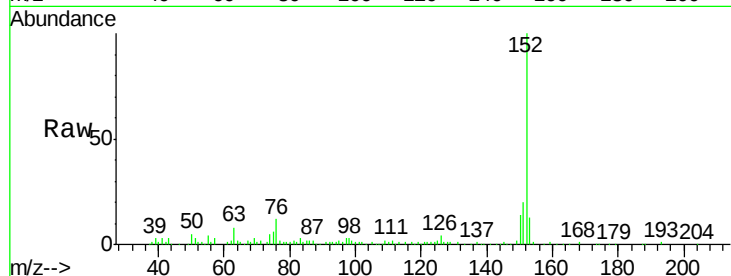




#48
Acenaphthylene
Concen: 39.93 ng
RT: 10.36 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

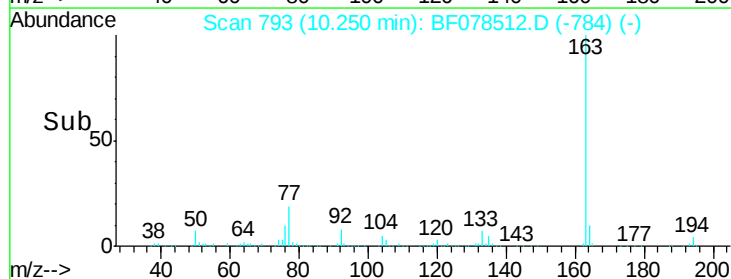
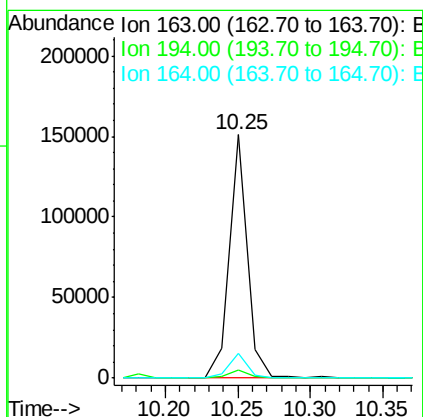
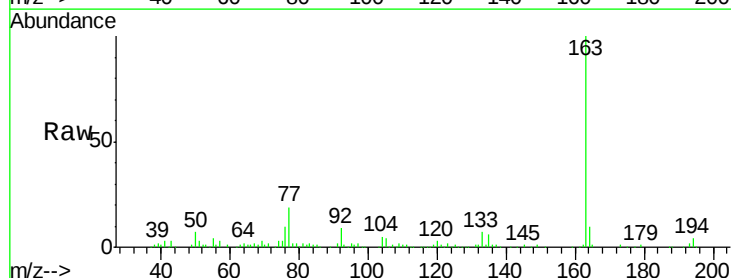
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

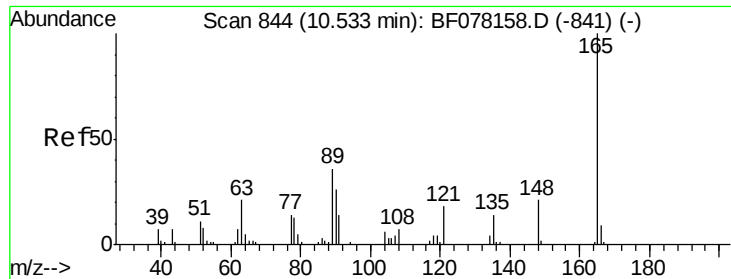
Tgt Ion:152 Resp: 158606
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 12.9 10.2 15.2



#49
Dimethylphthalate
Concen: 44.85 ng
RT: 10.25 min Scan# 793
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:163 Resp: 128783
Ion Ratio Lower Upper
163 100
194 3.5 2.3 3.5#
164 9.9 8.6 13.0

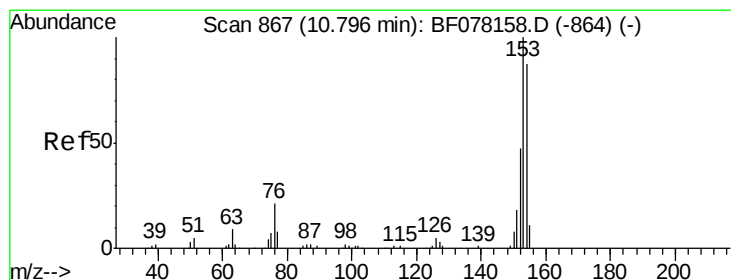
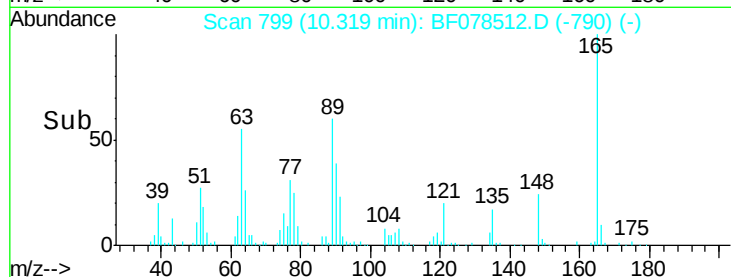
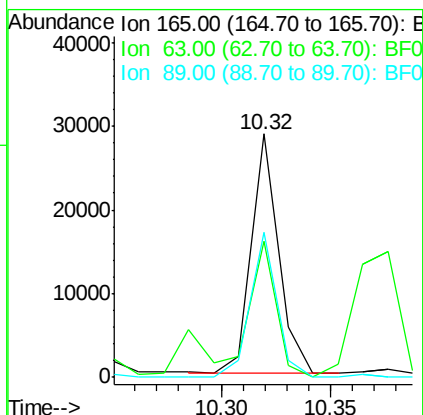
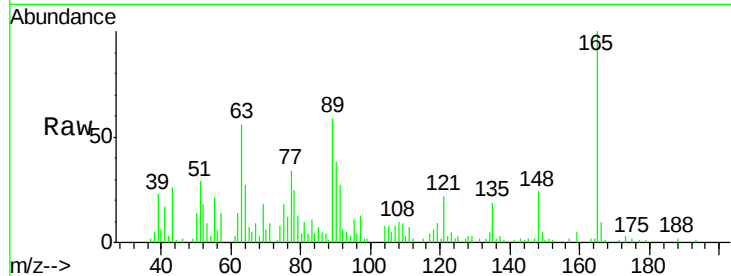




#50
 2,6-Dinitrotoluene
 Concen: 41.82 ng
 RT: 10.32 min Scan# 799
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

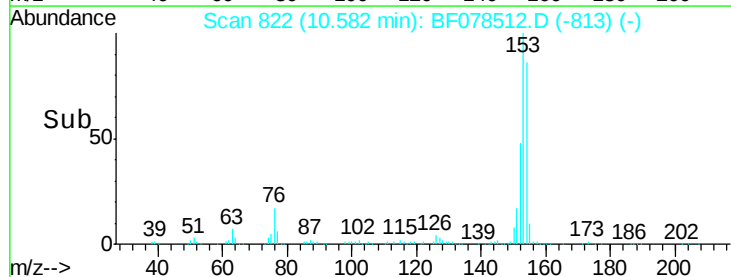
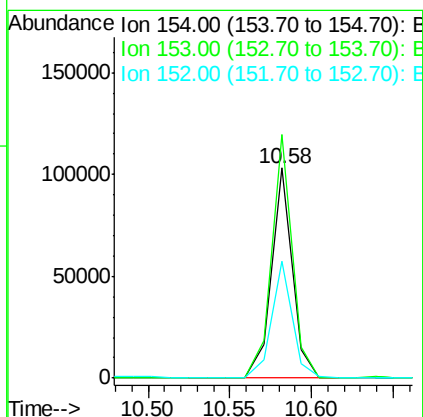
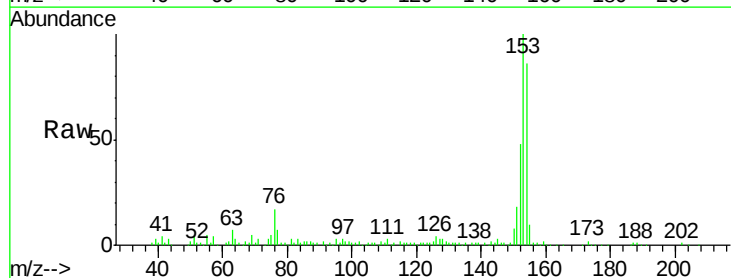
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

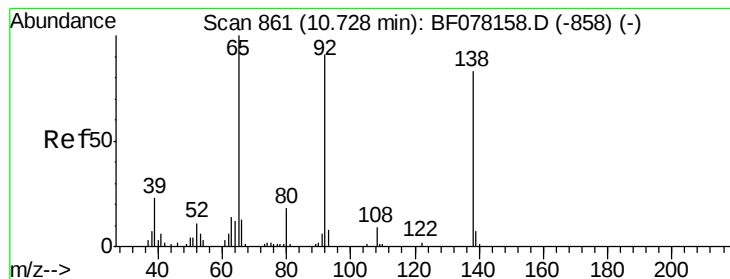
Tgt Ion:165 Resp: 24705
 Ion Ratio Lower Upper
 165 100
 63 55.9 24.1 36.1#
 89 59.5 28.9 43.3#



#51
 Acenaphthene
 Concen: 41.10 ng
 RT: 10.58 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion:154 Resp: 91920
 Ion Ratio Lower Upper
 154 100
 153 116.0 91.4 137.2
 152 55.8 43.0 64.6





#52

3-Nitroaniline

Concen: 51.27 ng

RT: 10.51 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

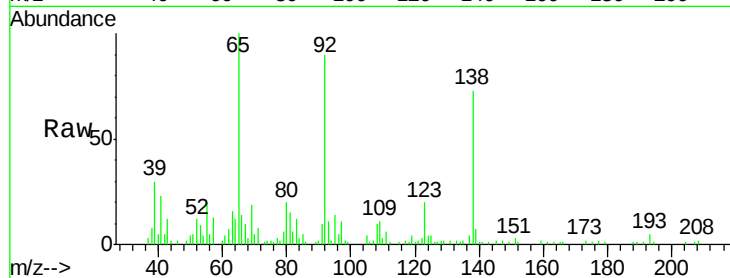
Tgt Ion:138 Resp: 34444

Ion Ratio Lower Upper

138 100

108 13.0 8.2 12.4#

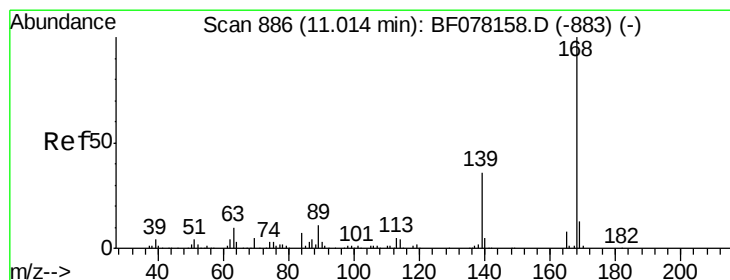
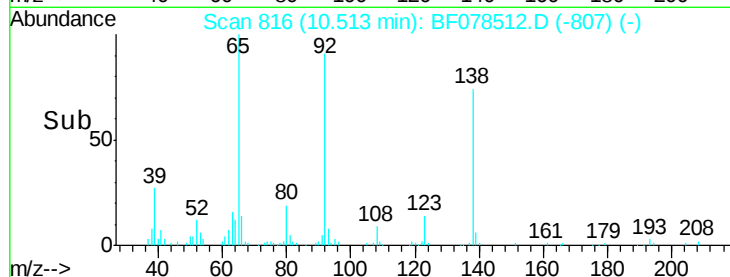
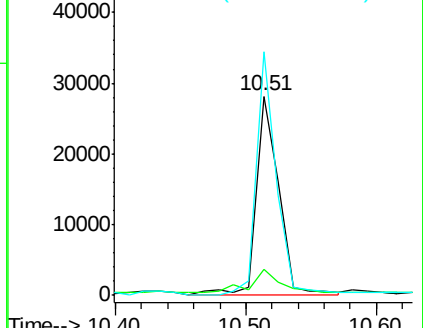
92 122.1 88.4 132.6



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: 44.14 ng

RT: 10.80 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

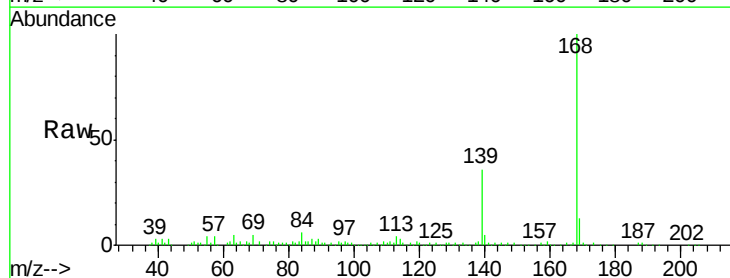
Tgt Ion:168 Resp: 150775

Ion Ratio Lower Upper

168 100

139 36.0 31.0 46.4

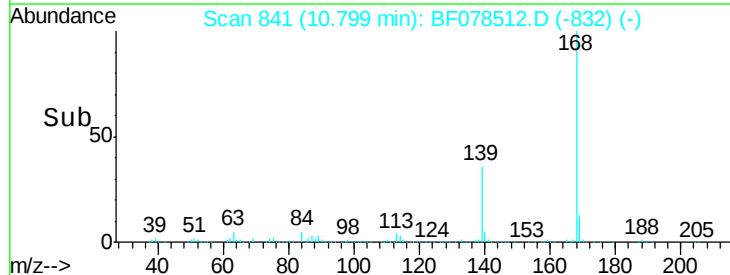
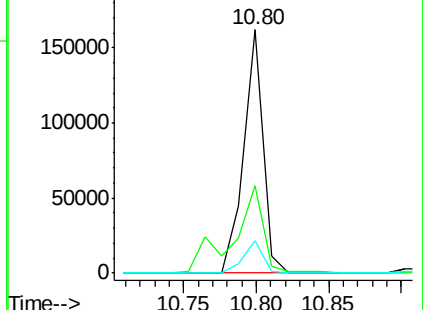
169 13.1 10.7 16.1

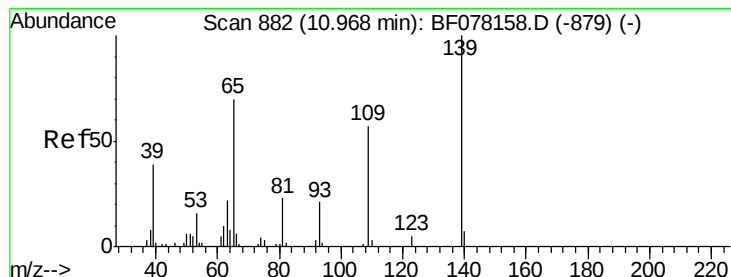


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 51.92 ng m

RT: 10.76 min Scan# 838

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

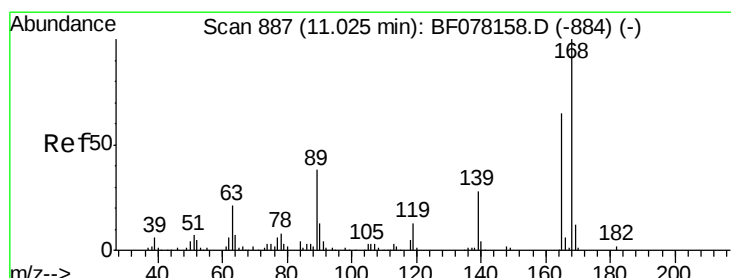
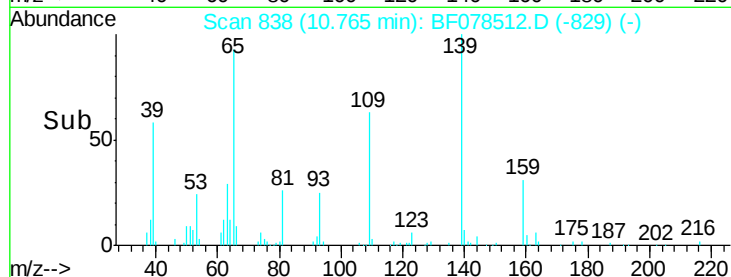
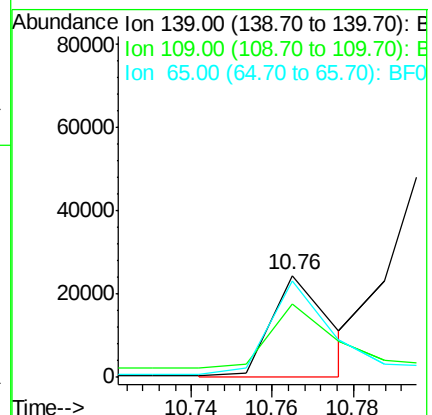
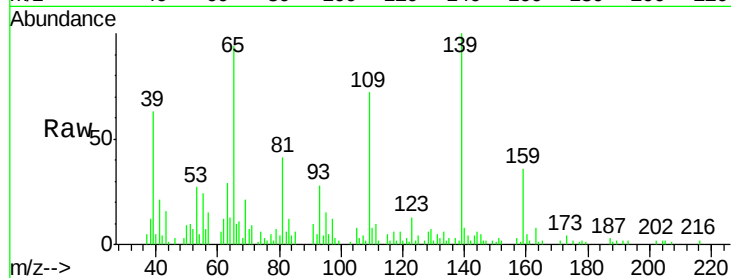
Tgt Ion:139 Resp: 25185

Ion Ratio Lower Upper

139 100

109 72.1 36.7 76.7

65 94.2 49.9 89.9#



#56

2,4-Dinitrotoluene

Concen: 48.04 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Tgt Ion:165 Resp: 36758

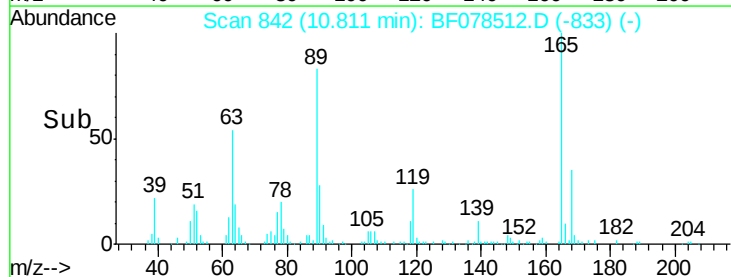
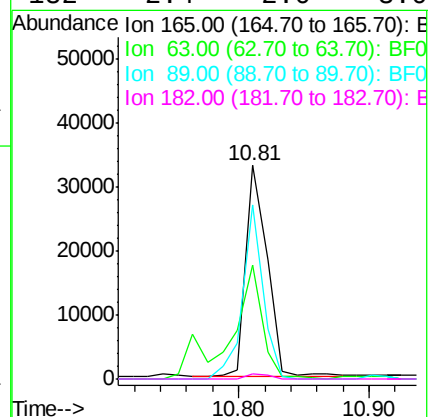
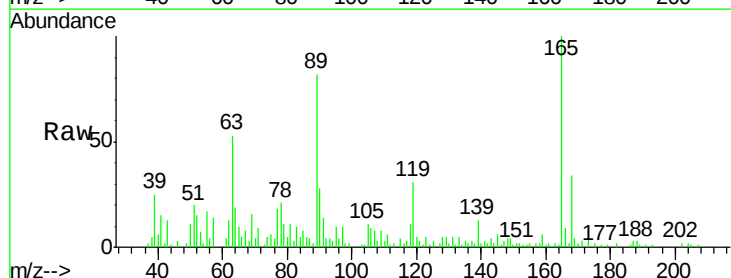
Ion Ratio Lower Upper

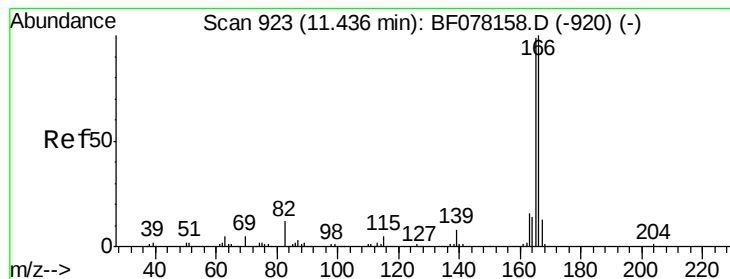
165 100

63 53.2 26.5 39.7#

89 81.7 46.4 69.6#

182 2.4 2.0 3.0





#57

Fluorene

Concen: 47.56 ng

RT: 11.22 min Scan# 878

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

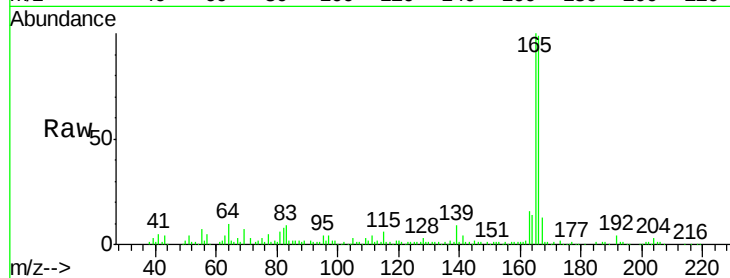
Tgt Ion:166 Resp: 131694

Ion Ratio Lower Upper

166 100

165 100.9 78.9 118.3

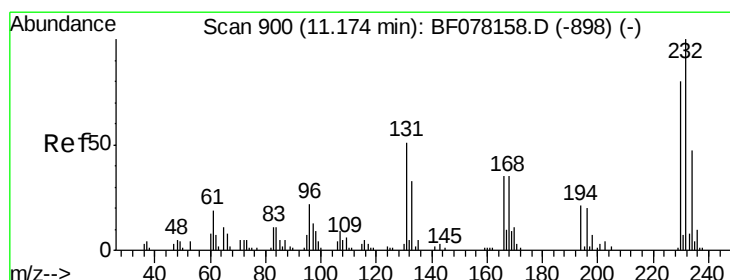
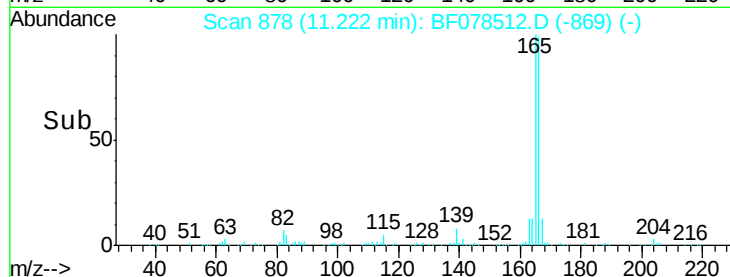
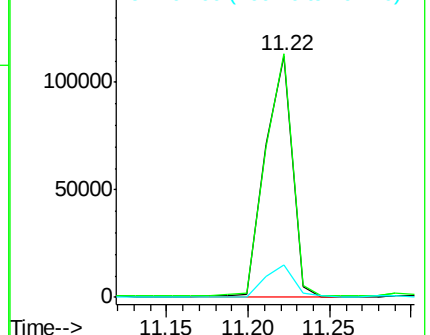
167 13.2 10.7 16.1



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: 30.82 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Tgt Ion:232 Resp: 17830

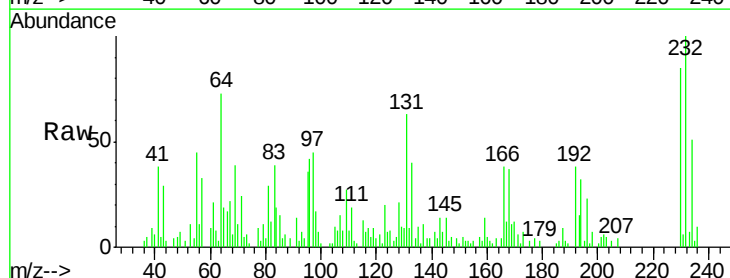
Ion Ratio Lower Upper

232 100

131 59.1 37.8 56.8#

130 11.3 1.5 2.3#

166 37.5 25.8 38.6

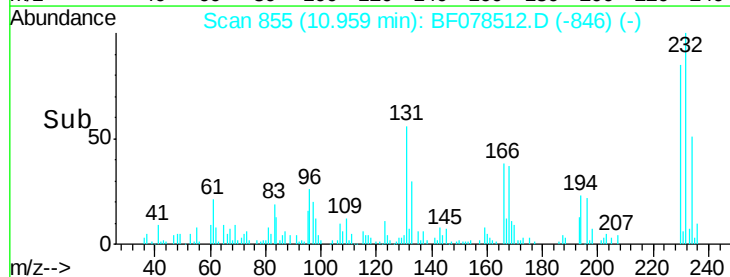
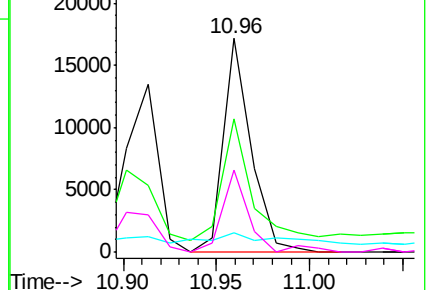


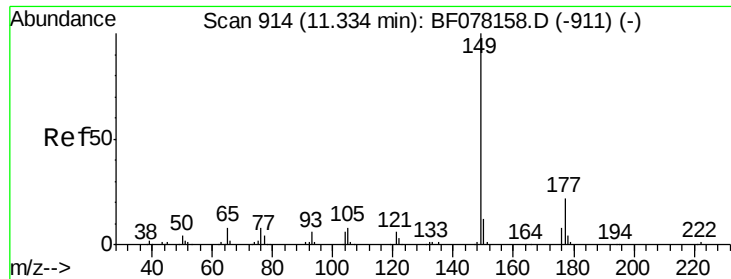
Abundance Ion 232.00 (231.70 to 232.70): E

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

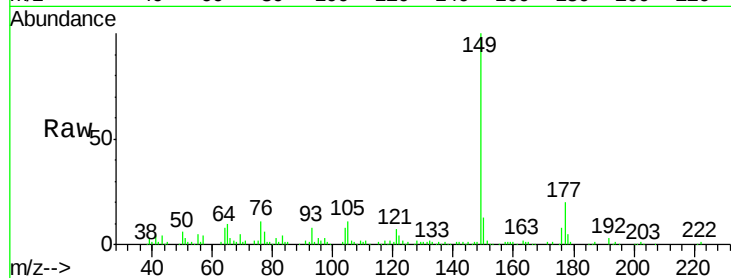




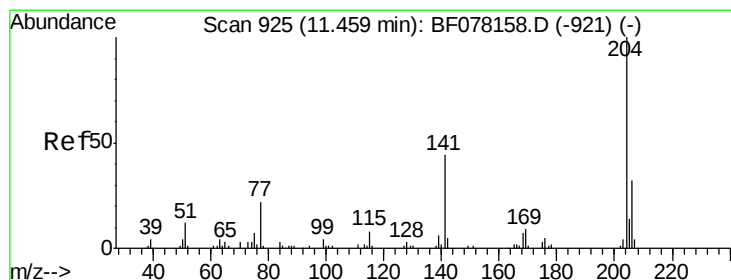
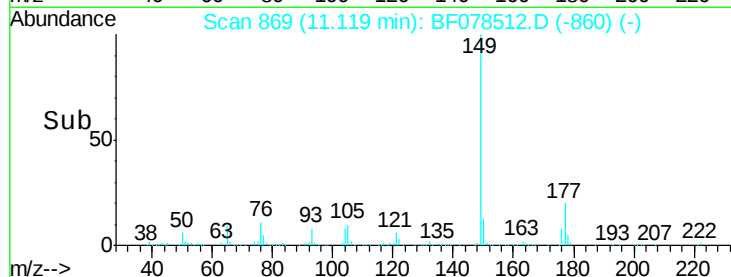
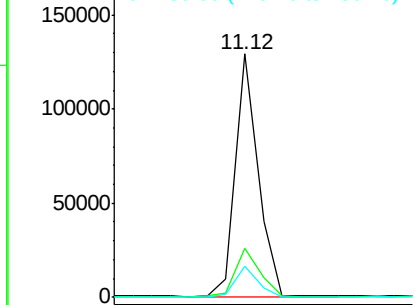
#59
Diethylphthalate
Concen: 44.34 ng
RT: 11.12 min Scan# 869
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

Tgt Ion:149 Resp: 122768
Ion Ratio Lower Upper
149 100
177 20.4 17.4 26.2
150 12.7 9.4 14.2

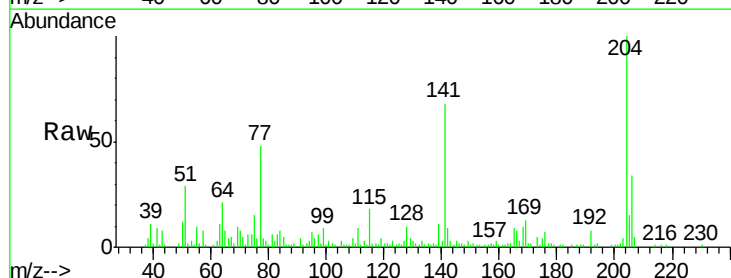


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

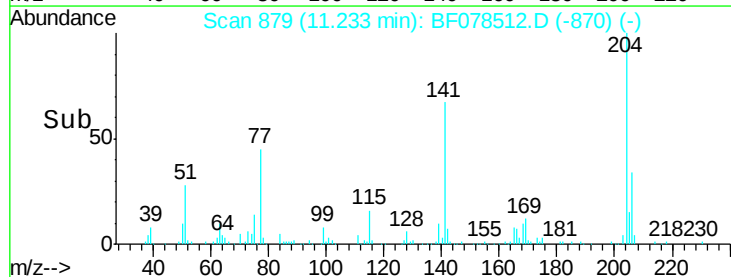
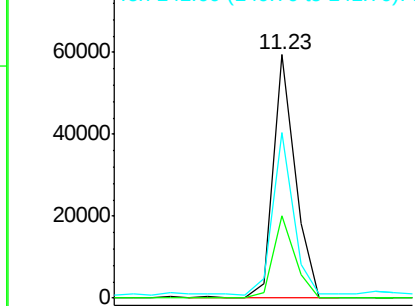


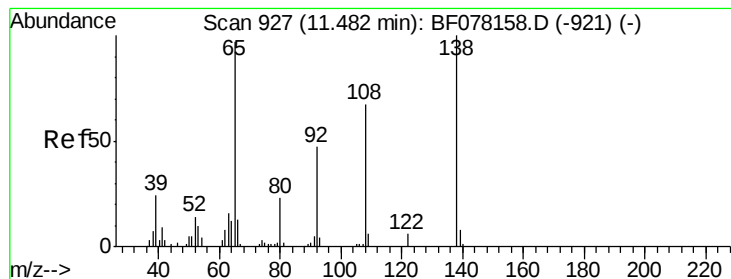
#60
4-Chlorophenyl-phenylether
Concen: 43.95 ng
RT: 11.23 min Scan# 879
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:204 Resp: 55981
Ion Ratio Lower Upper
204 100
206 33.9 25.6 38.4
141 67.9 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: 56.17 ng

RT: 11.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

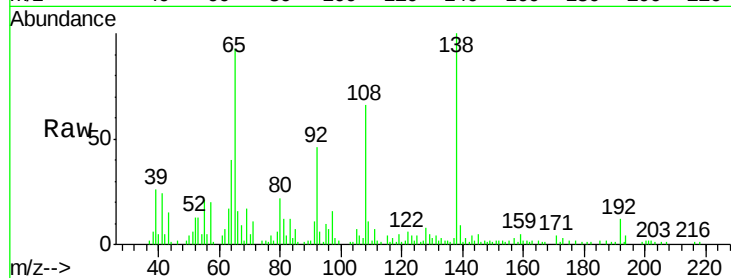
Tgt Ion:138 Resp: 38143

Ion Ratio Lower Upper

138 100

92 46.4 27.3 67.3

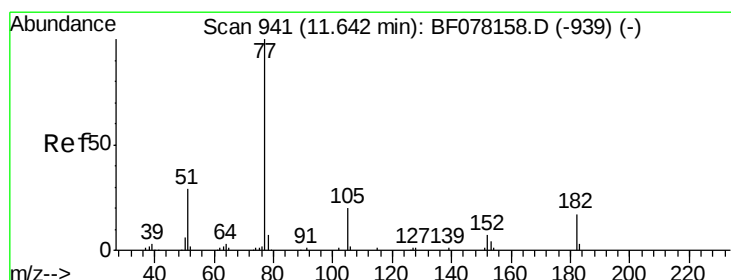
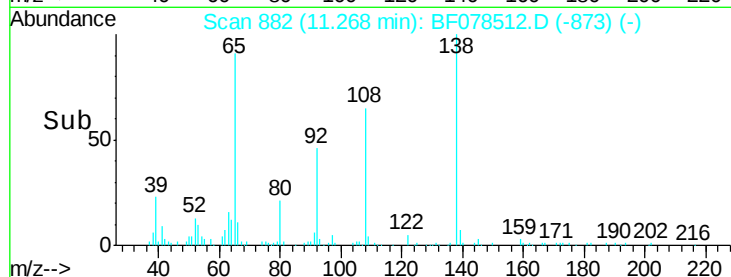
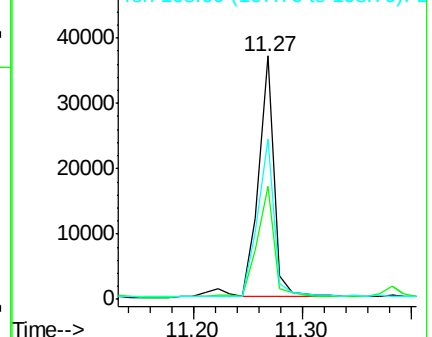
108 66.1 47.2 87.2



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: 49.28 ng

RT: 11.43 min Scan# 896

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Tgt Ion: 77 Resp: 124517

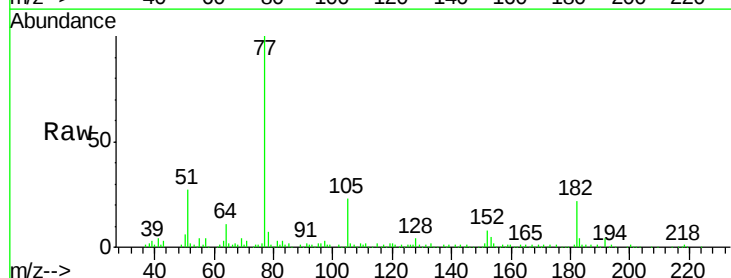
Ion Ratio Lower Upper

77 100

182 22.3 0.0 36.8

105 23.3 0.3 40.3

51 27.3 9.1 49.1

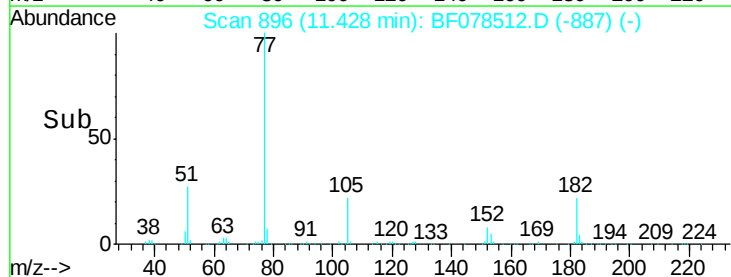
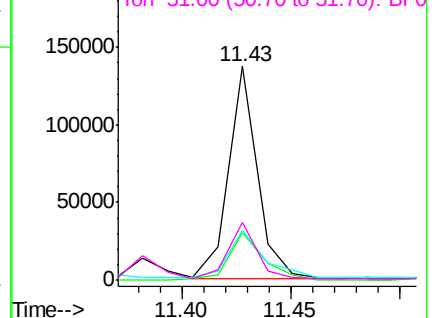


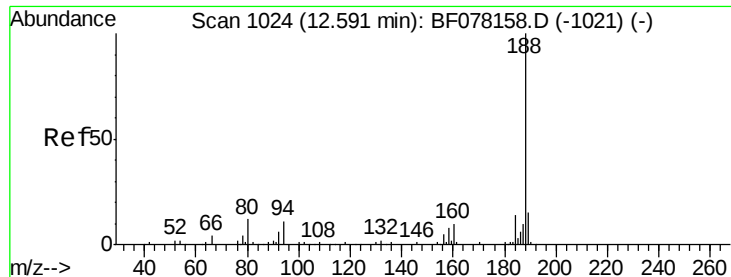
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

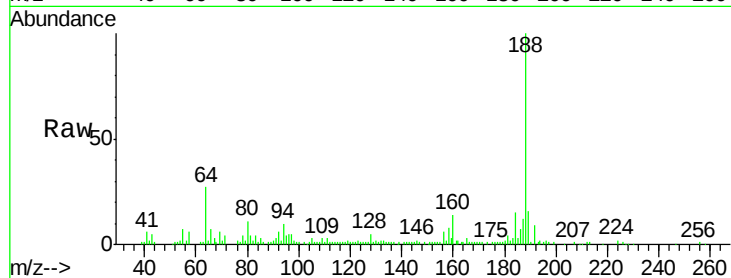




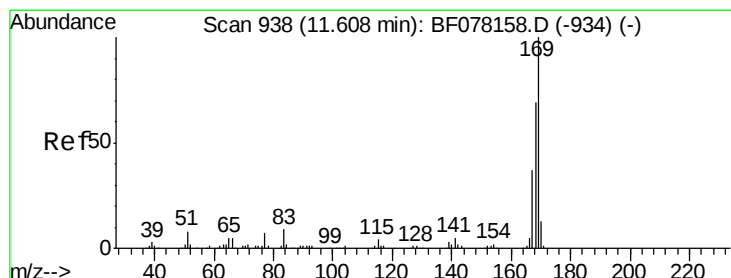
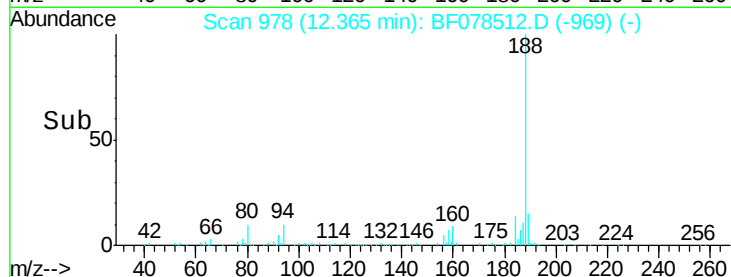
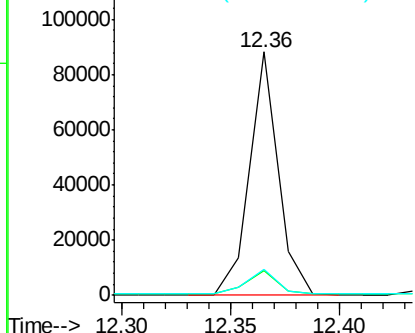
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.36 min Scan# 978
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

Tgt Ion:188 Resp: 81198
Ion Ratio Lower Upper
188 100
94 10.4 9.0 13.4
80 10.8 9.5 14.3

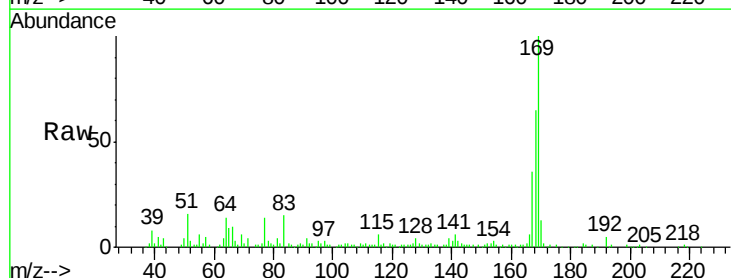


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

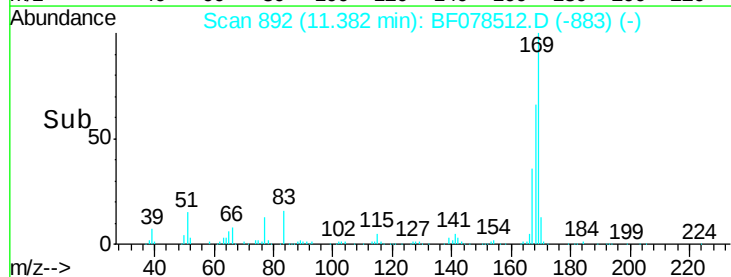
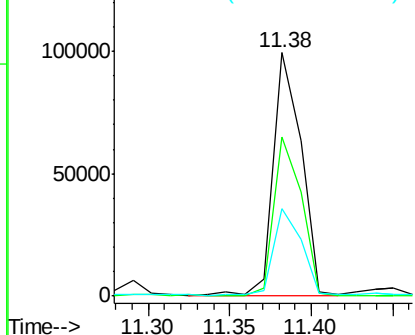


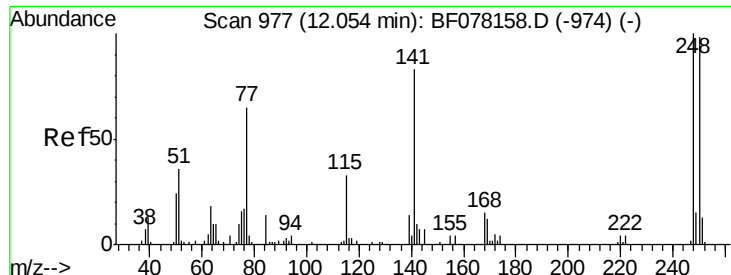
#65
n-Nitrosodiphenylamine
Concen: 42.15 ng
RT: 11.38 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:169 Resp: 118379
Ion Ratio Lower Upper
169 100
168 65.3 55.0 82.4
167 36.1 29.3 43.9



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

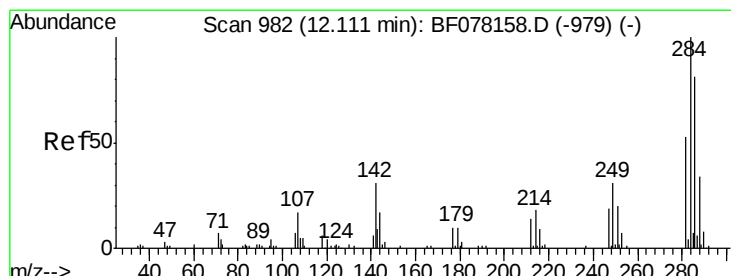
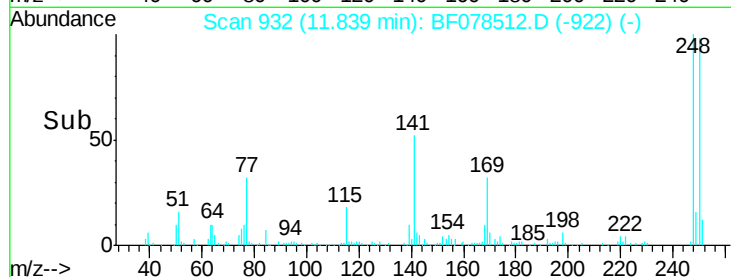
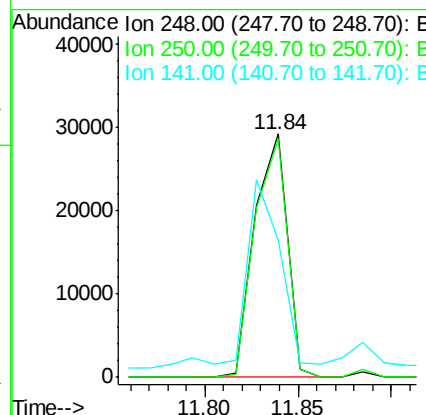
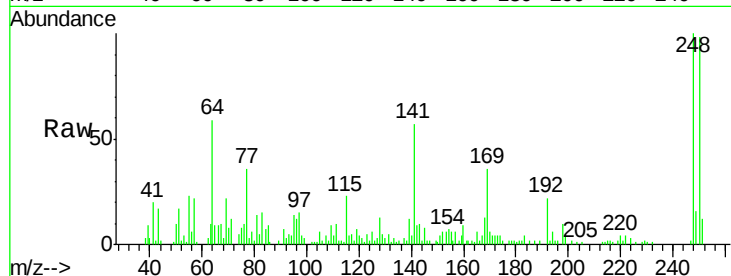




#66
 4-Bromophenyl-phenylether
 Concen: 40.96 ng
 RT: 11.84 min Scan# 932
 Delta R.T. 0.01 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

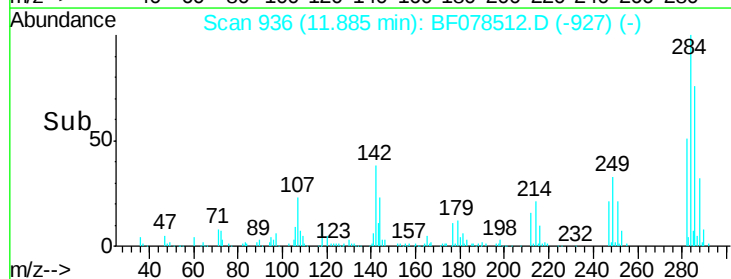
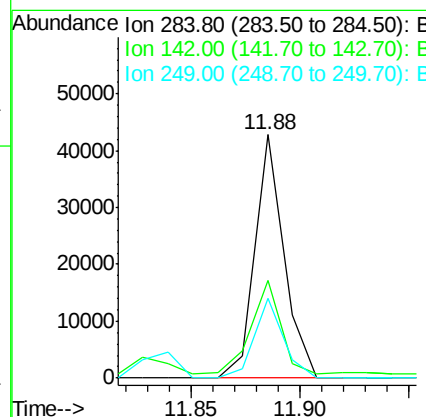
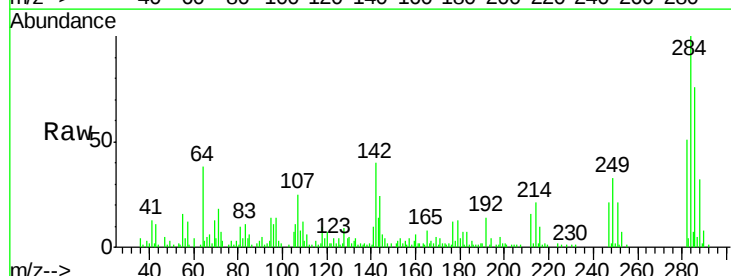
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

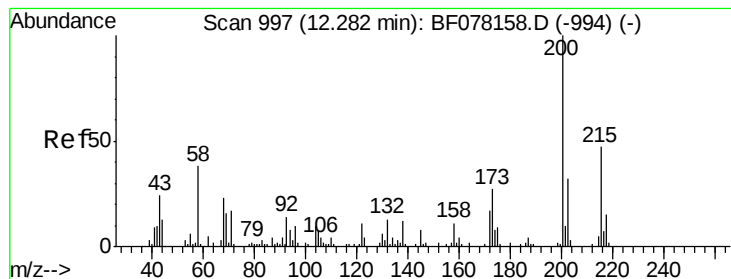
Tgt Ion:248 Resp: 35223
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.2 117.2
 141 56.5 66.4 99.6#



#67
 Hexachlorobenzene
 Concen: 42.05 ng
 RT: 11.88 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion:284 Resp: 39622
 Ion Ratio Lower Upper
 284 100
 142 39.9 24.5 36.7#
 249 32.5 24.8 37.2





#68

Atrazine

Concen: 52.34 ng

RT: 12.07 min Scan# 952

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

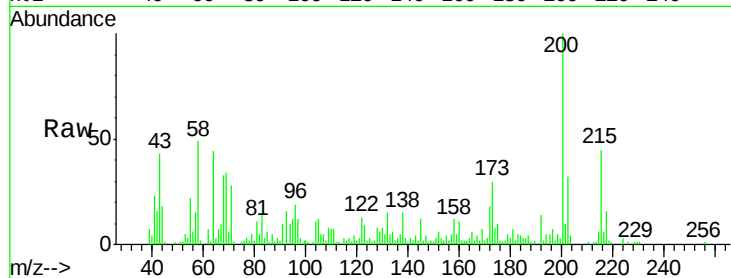
Tgt Ion:200 Resp: 42581

Ion Ratio Lower Upper

200 100

173 29.9 6.9 46.9

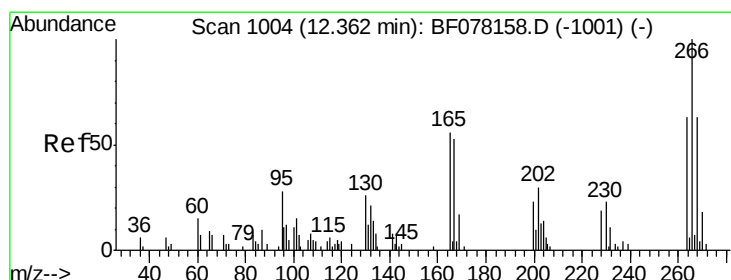
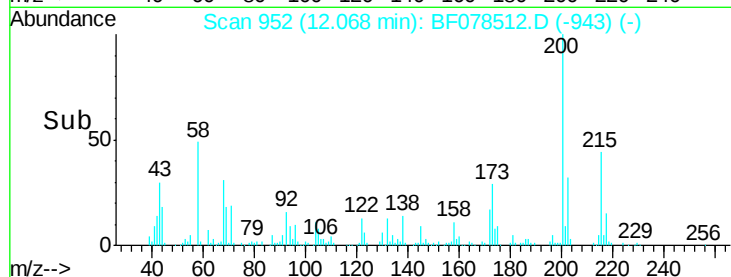
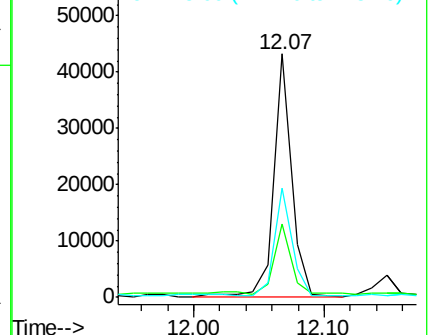
215 44.8 27.1 67.1



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: 48.87 ng

RT: 12.15 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

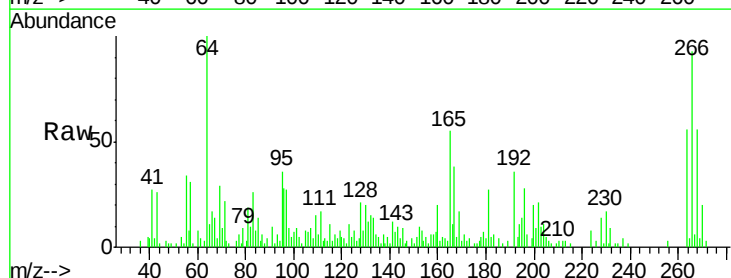
Tgt Ion:266 Resp: 19023

Ion Ratio Lower Upper

266 100

268 60.3 50.1 75.1

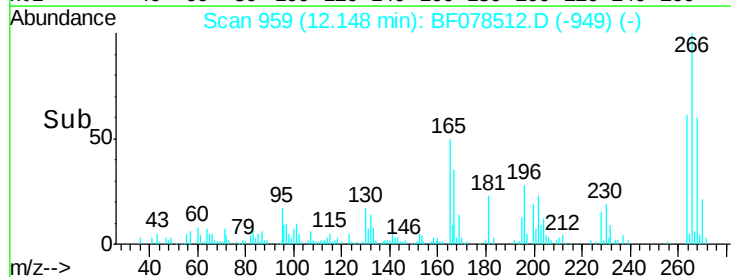
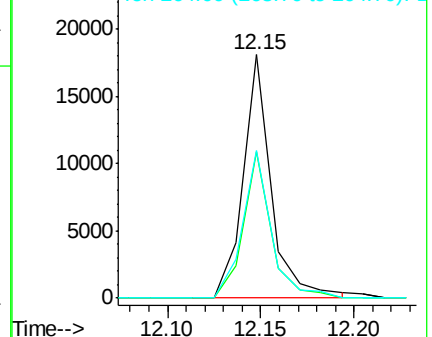
264 60.5 50.0 75.0

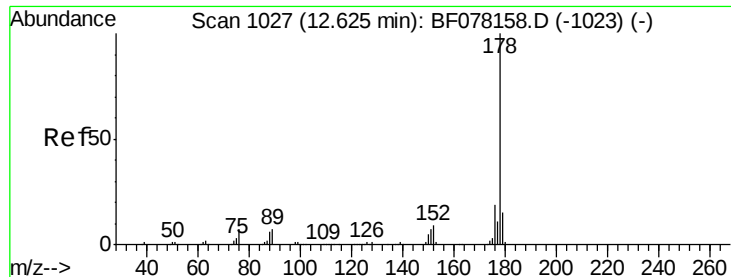


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

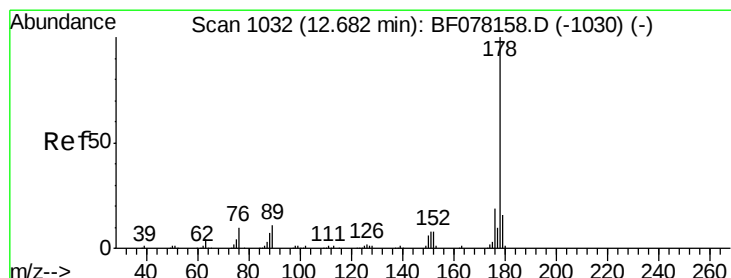
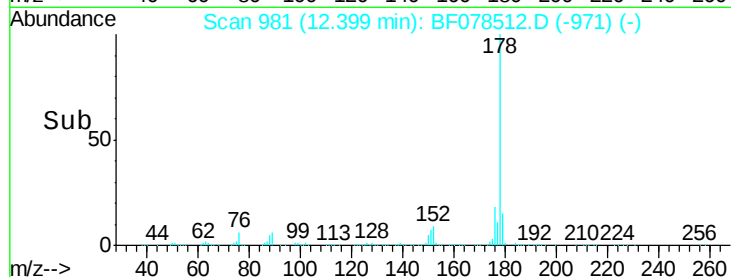
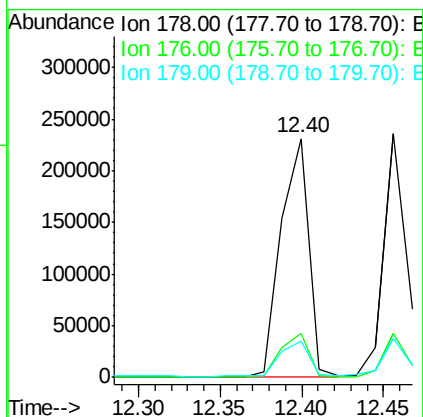
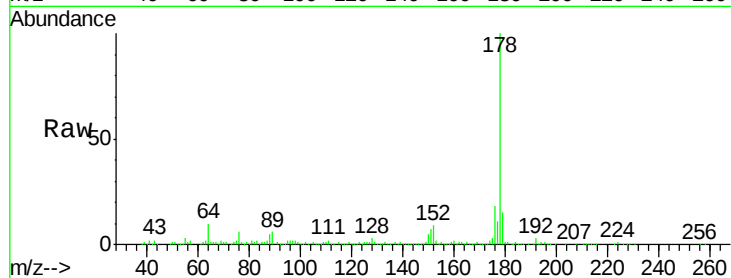




#70
Phenanthrene
Concen: 57.96 ng
RT: 12.40 min Scan# 981
Delta R.T. 0.01 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

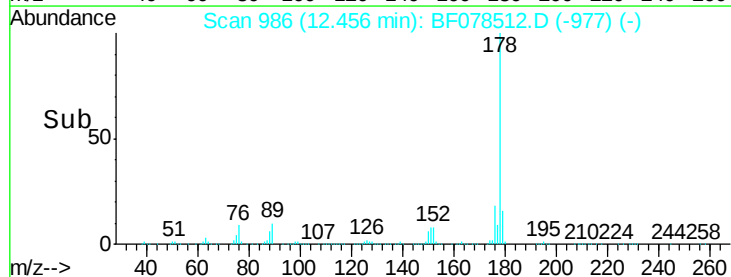
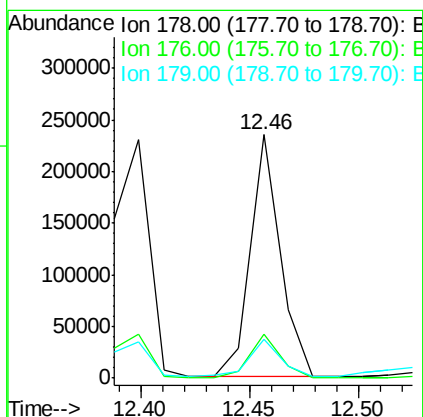
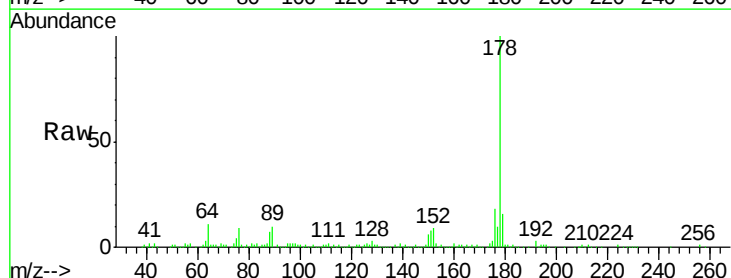
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

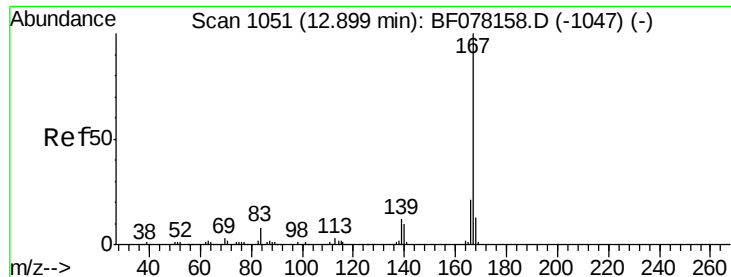
Tgt Ion:178 Resp: 272227
Ion Ratio Lower Upper
178 100
176 18.5 15.4 23.0
179 15.0 12.2 18.2



#71
Anthracene
Concen: 48.71 ng
RT: 12.46 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:178 Resp: 225423
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 16.1 12.4 18.6





#72

Carbazole

Concen: 50.20 ng

RT: 12.67 min Scan# 1005

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

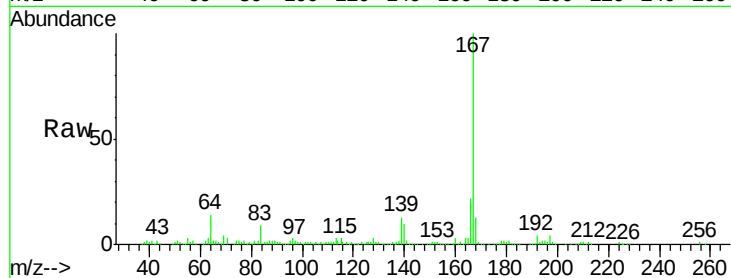
Tgt Ion:167 Resp: 217733

Ion Ratio Lower Upper

167 100

166 21.7 16.8 25.2

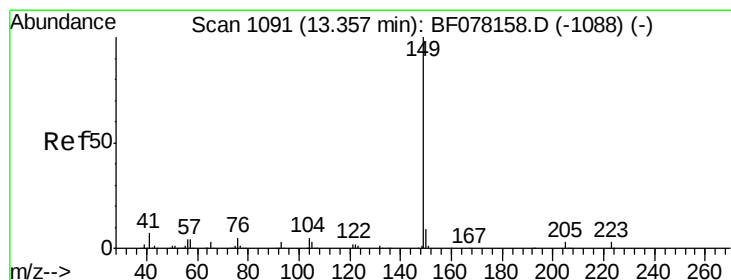
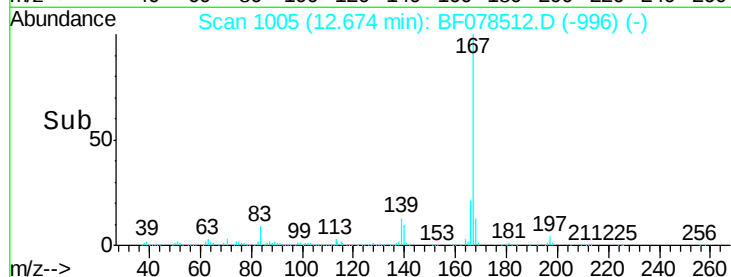
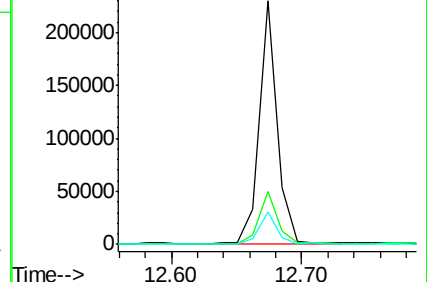
139 13.1 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 46.91 ng

RT: 13.14 min Scan# 1046

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

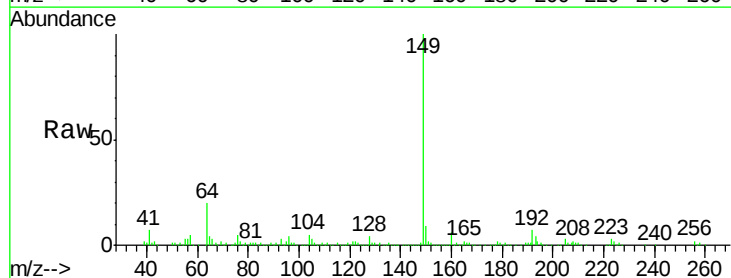
Tgt Ion:149 Resp: 230495

Ion Ratio Lower Upper

149 100

150 9.0 7.1 10.7

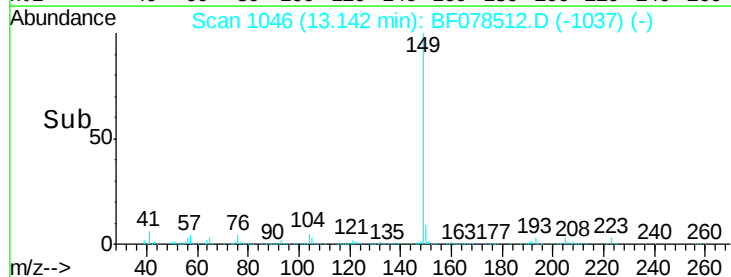
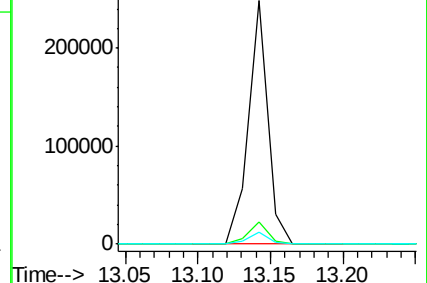
104 4.8 3.8 5.6

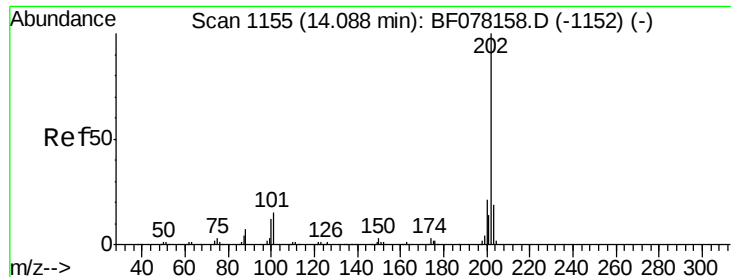


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 73.93 ng

RT: 13.87 min Scan# 1110

Delta R.T. 0.02 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

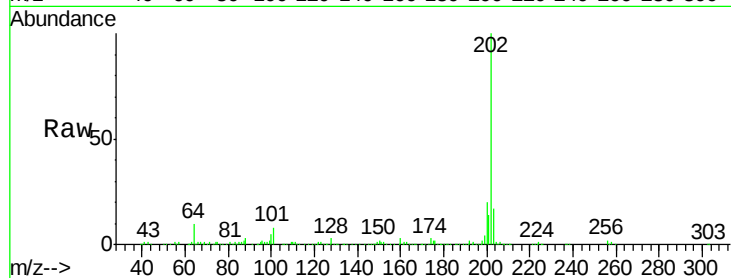
Tgt Ion:202 Resp: 366224

Ion Ratio Lower Upper

202 100

101 7.8 0.0 35.2

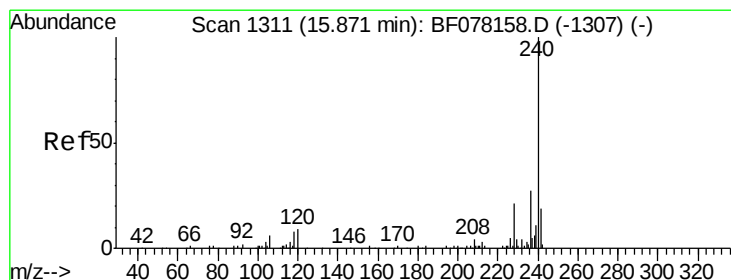
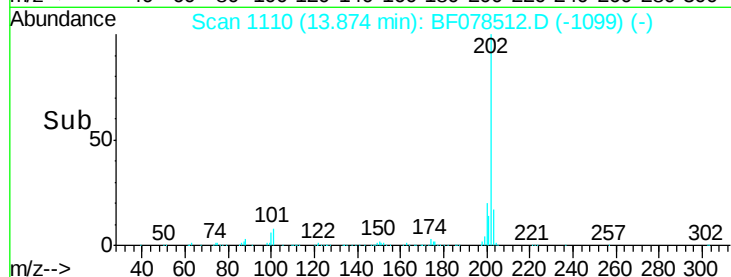
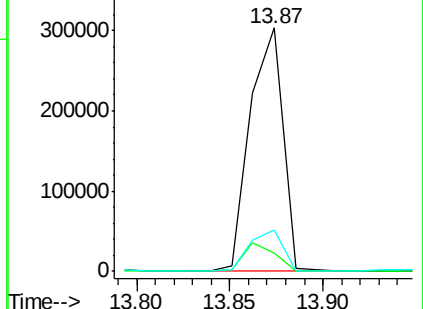
203 17.2 0.0 38.5



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: 15.62 min Scan# 1263

Delta R.T. -0.03 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

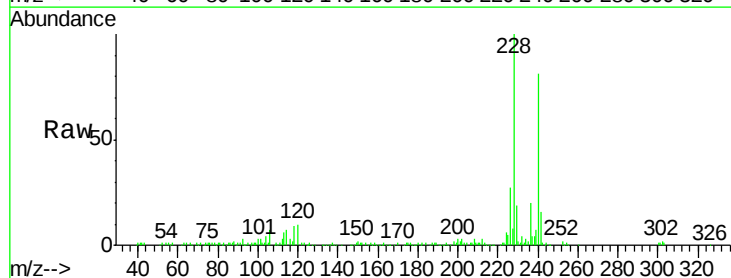
Tgt Ion:240 Resp: 99312

Ion Ratio Lower Upper

240 100

120 12.7 7.1 10.7#

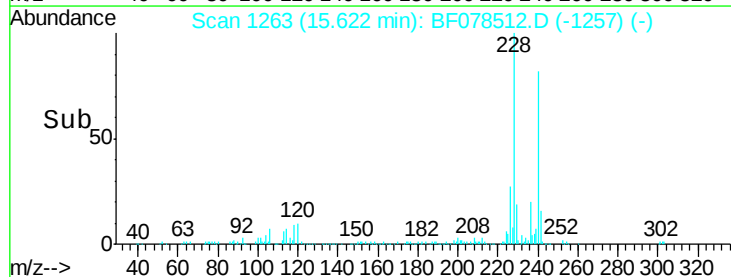
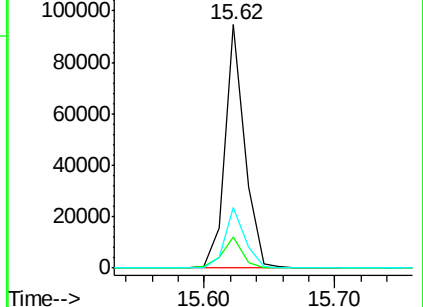
236 25.0 21.4 32.2

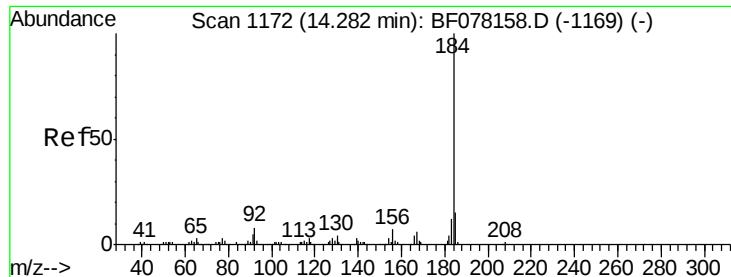


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 43.37 ng

RT: 14.06 min Scan# 1126

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

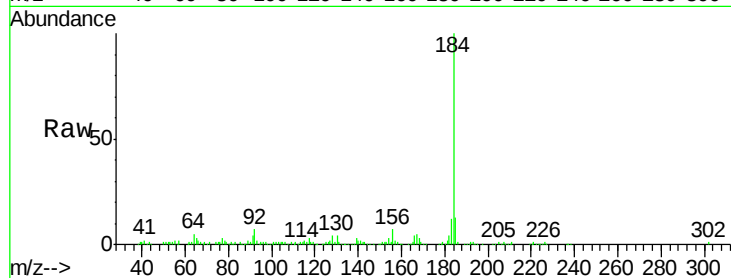
Tgt Ion:184 Resp: 165835

Ion Ratio Lower Upper

184 100

185 13.5 12.2 18.2

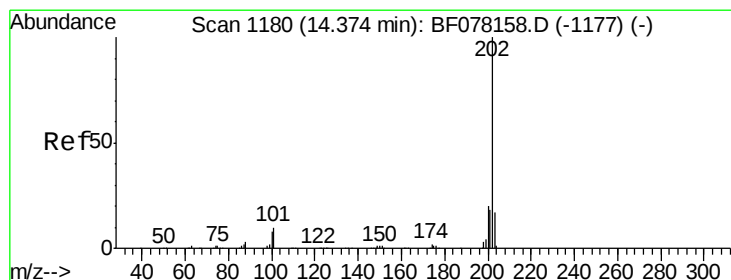
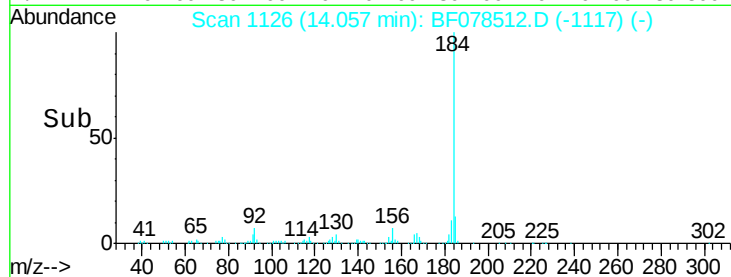
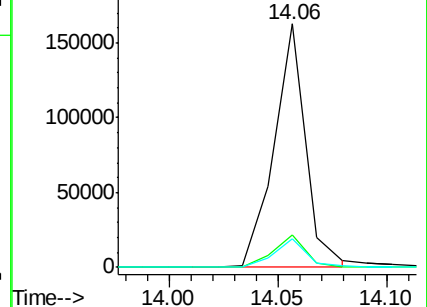
183 11.6 9.5 14.3



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: 62.34 ng m

RT: 14.14 min Scan# 1133

Delta R.T. 0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

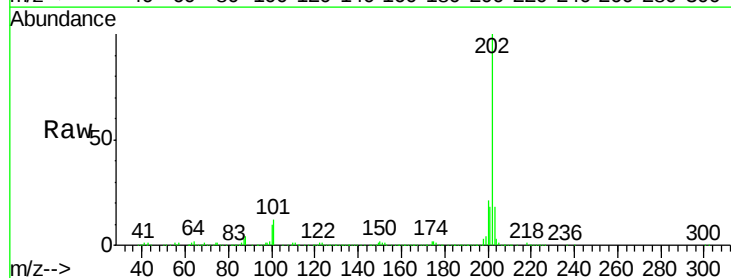
Tgt Ion:202 Resp: 388678

Ion Ratio Lower Upper

202 100

200 20.7 16.3 24.5

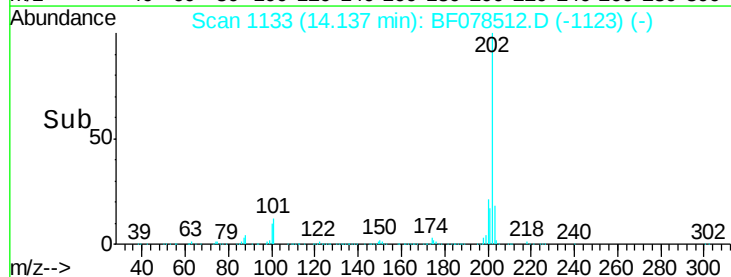
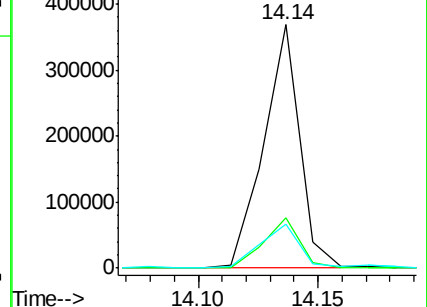
203 18.1 13.8 20.6

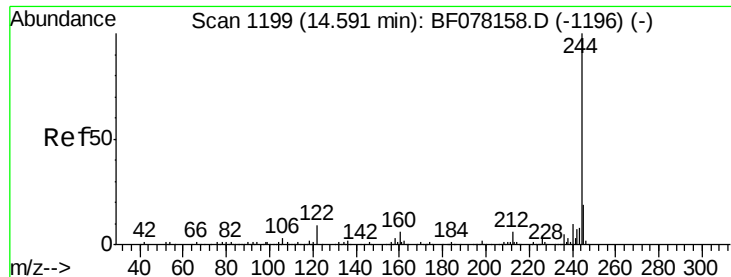


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 74.90 ng

RT: 14.35 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

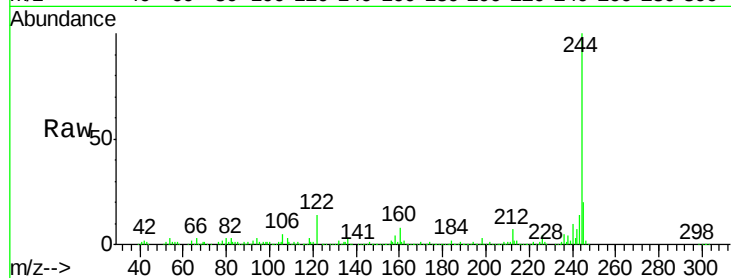
Tgt Ion:244 Resp: 329187

Ion Ratio Lower Upper

244 100

212 7.4 5.0 7.4

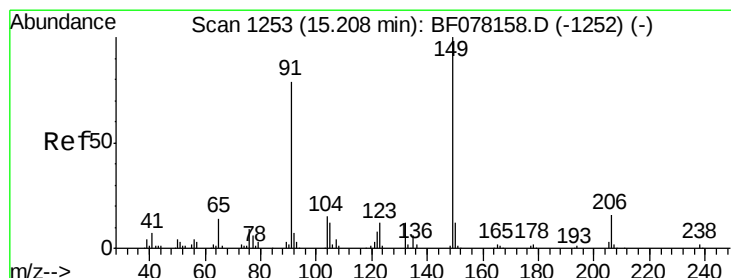
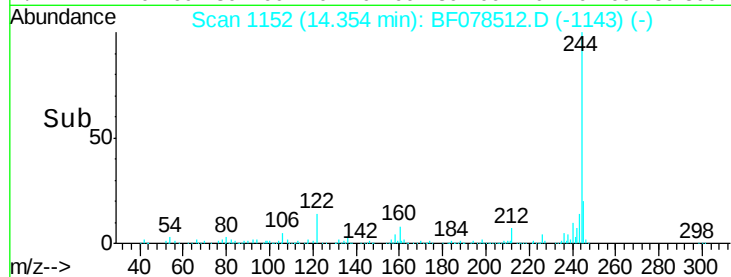
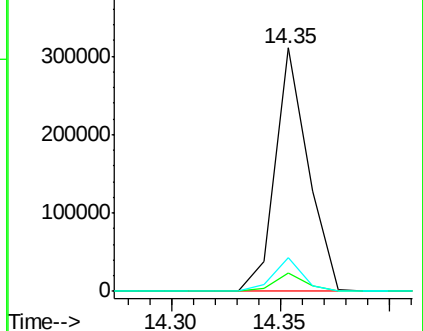
122 13.7 7.1 10.7#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 49.73 ng

RT: 14.98 min Scan# 1207

Delta R.T. -0.01 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

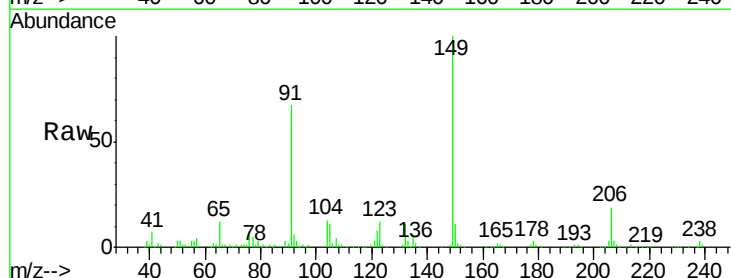
Tgt Ion:149 Resp: 118168

Ion Ratio Lower Upper

149 100

91 66.5 64.2 96.2

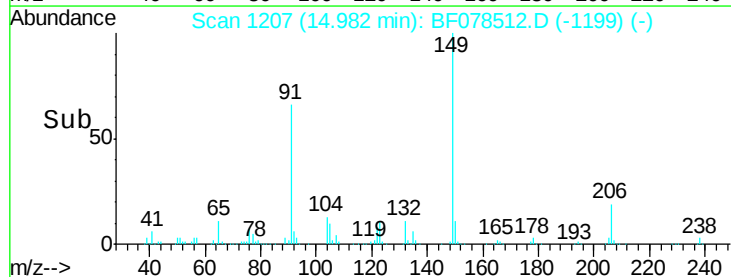
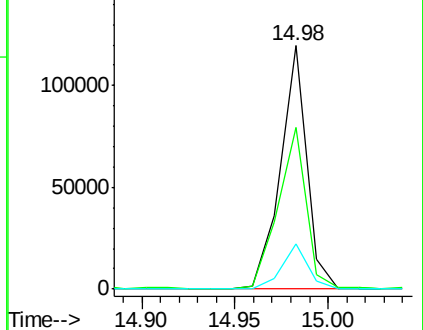
206 18.8 12.6 18.8

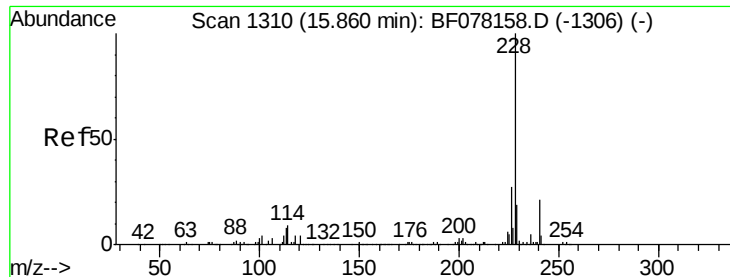


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

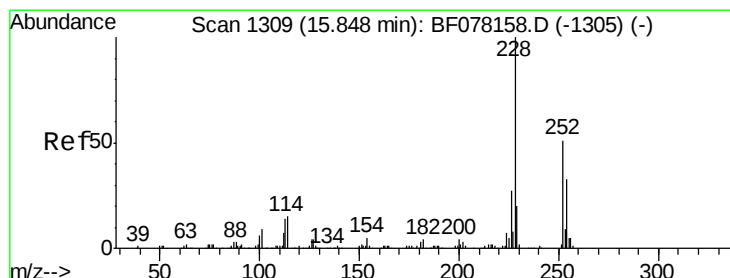
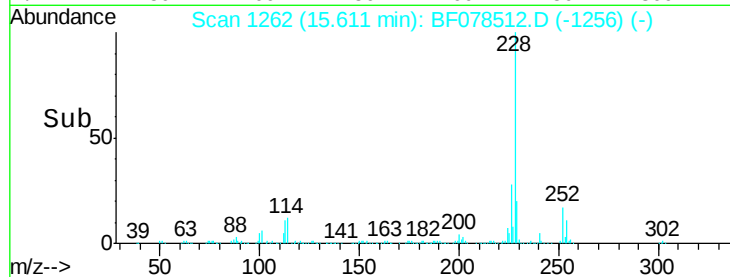
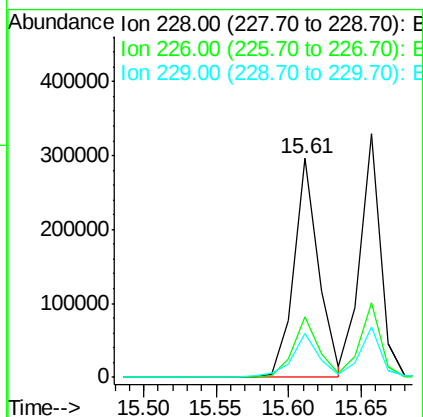
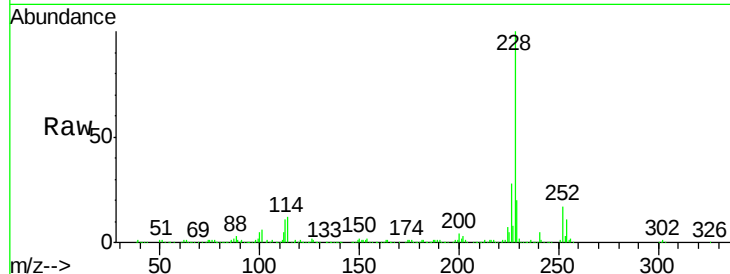




#80
Benzo(a)anthracene
Concen: 58.97 ng
RT: 15.61 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

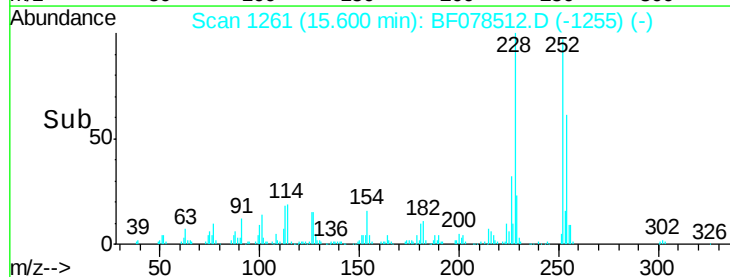
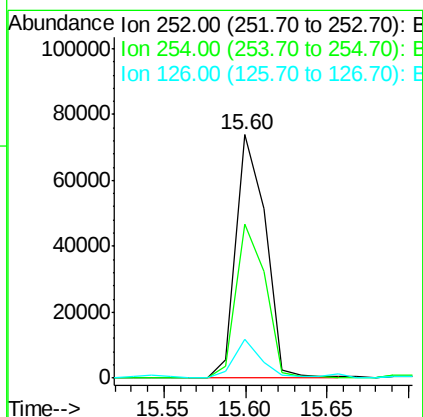
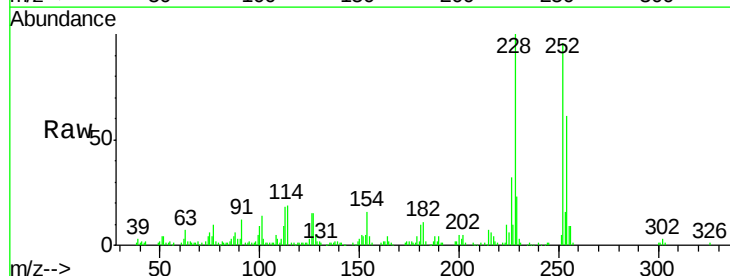
Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

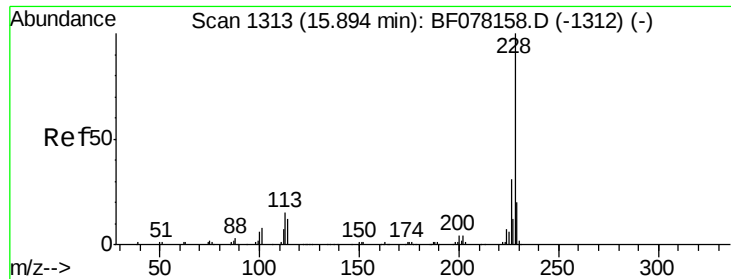
Tgt Ion: 228 Resp: 348469
Ion Ratio Lower Upper
228 100
226 27.9 21.3 31.9
229 20.0 15.4 23.2



#81
3,3'-Dichlorobenzidine
Concen: 46.78 ng
RT: 15.60 min Scan# 1261
Delta R.T. -0.03 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion: 252 Resp: 92576
Ion Ratio Lower Upper
252 100
254 63.3 51.2 76.8
126 16.0 6.3 9.5#





#82

Chrysene

Concen: 57.90 ng

RT: 15.66 min Scan# 1266

Delta R.T. -0.03 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

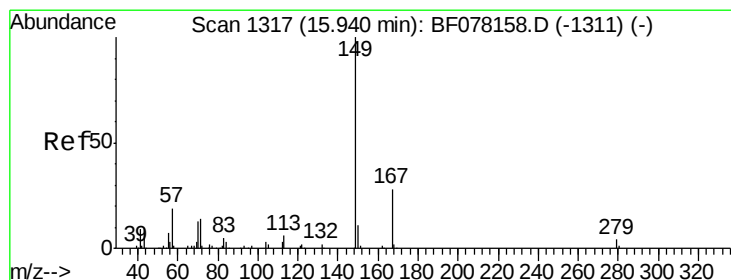
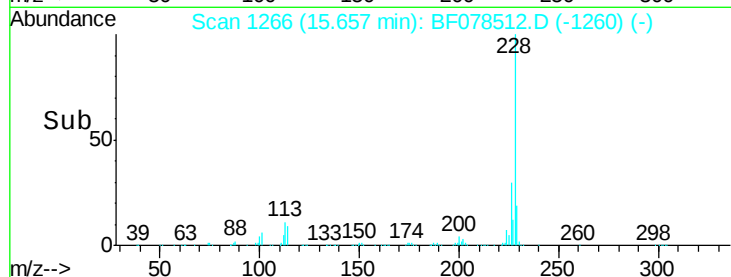
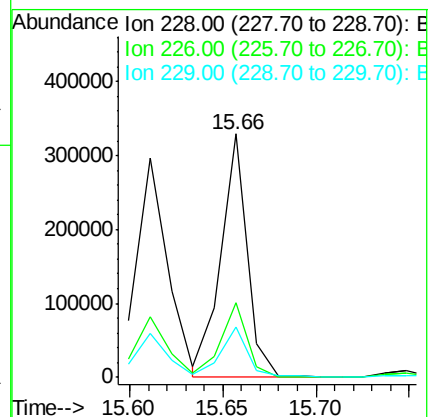
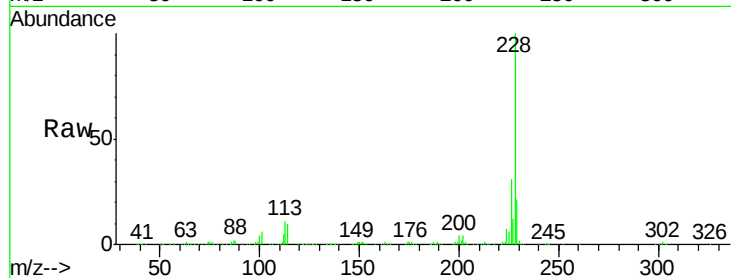
Tgt Ion:228 Resp: 321419

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.8 15.8 23.8



#83

Bis(2-ethylhexyl)phthalate

Concen: 45.54 ng

RT: 15.70 min Scan# 1270

Delta R.T. -0.05 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

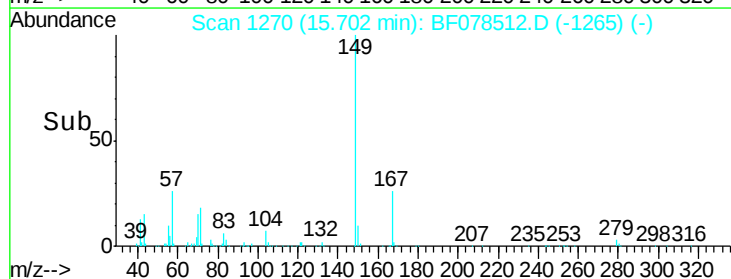
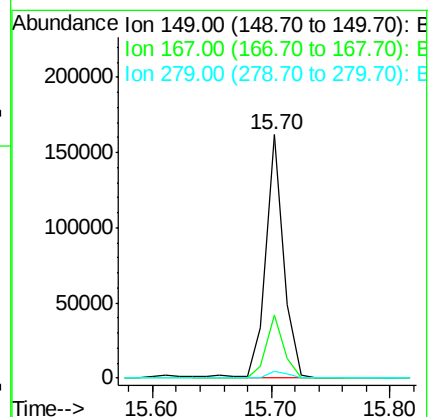
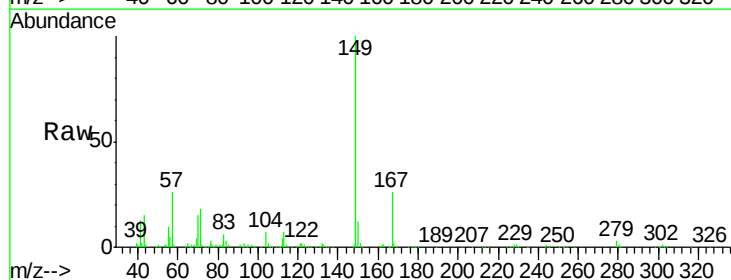
Tgt Ion:149 Resp: 169705

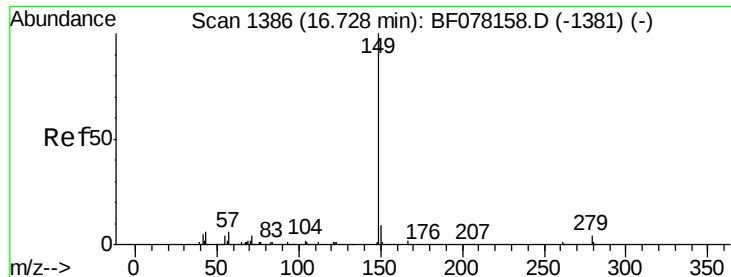
Ion Ratio Lower Upper

149 100

167 26.1 22.2 33.2

279 2.6 3.2 4.8#

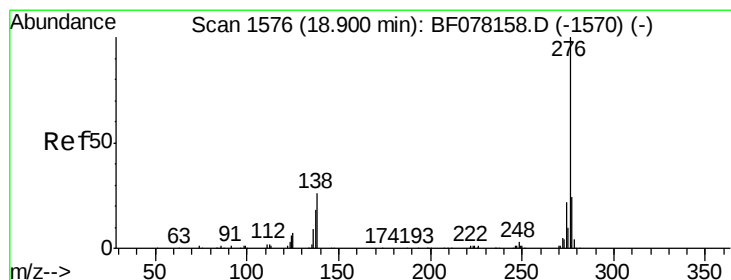
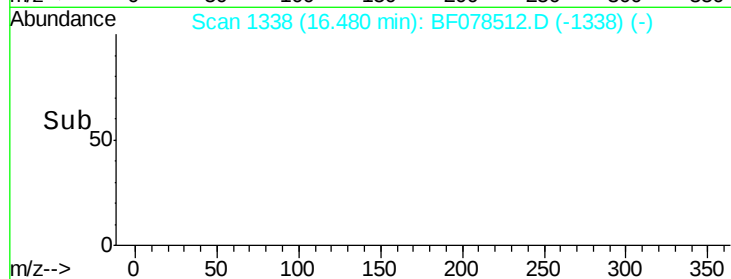
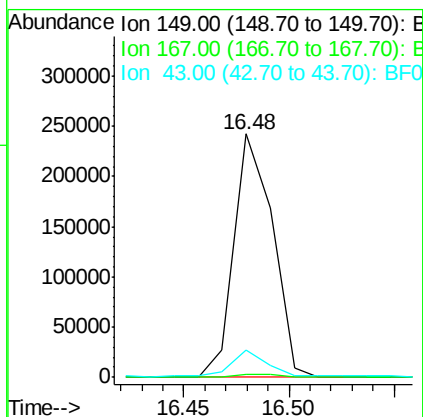
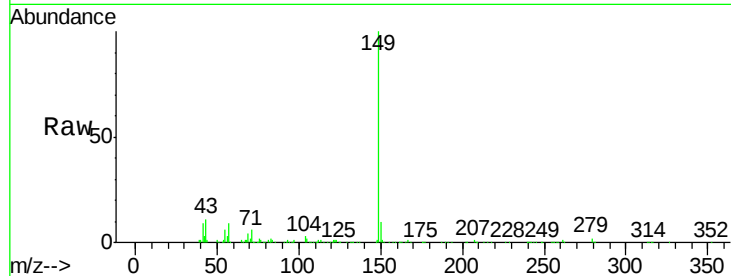




#84
 Di-n-octyl phthalate
 Concen: 50.34 ng m
 RT: 16.48 min Scan# 1338
 Delta R.T. -0.10 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

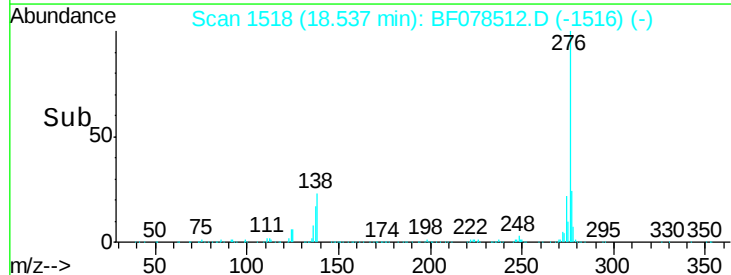
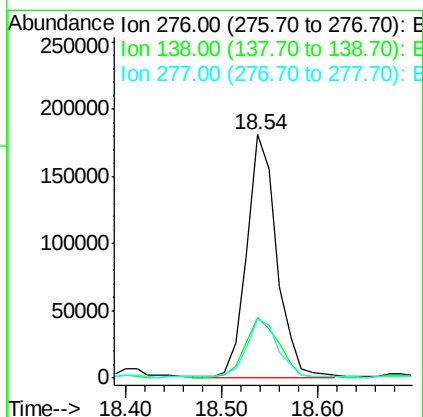
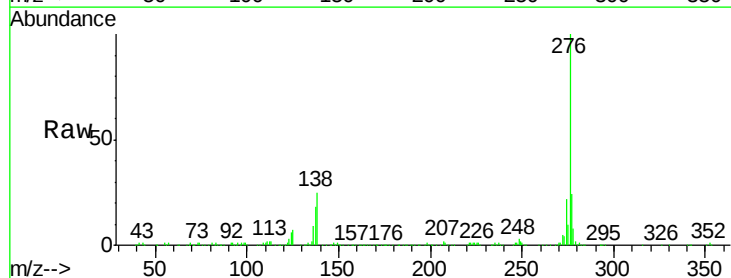
Instrument :
 BNA_F
 ClientSampleId :
 HS-SB02BMS

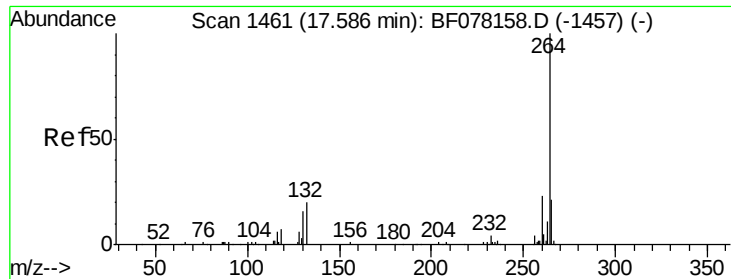
Tgt Ion:149 Resp: 308063
 Ion Ratio Lower Upper
 149 100
 167 1.5 0.0 0.0#
 43 8.1 0.0 0.0#



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 62.39 ng m
 RT: 18.54 min Scan# 1518
 Delta R.T. -0.27 min
 Lab File: BF078512.D
 Acq: 14 Apr 2015 21:26

Tgt Ion:276 Resp: 393016
 Ion Ratio Lower Upper
 276 100
 138 21.2 16.9 25.3
 277 20.2 15.8 23.6

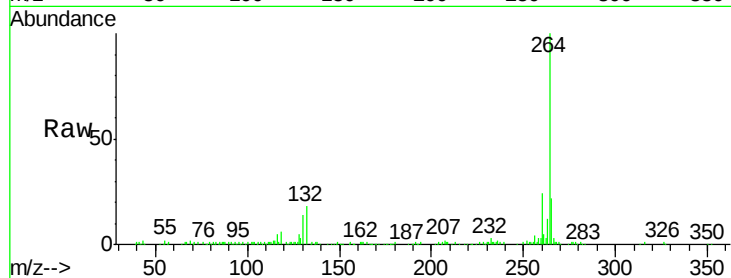




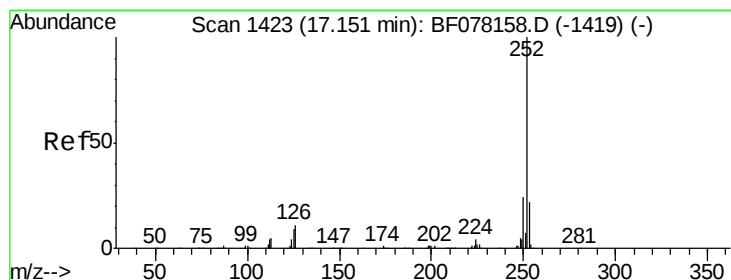
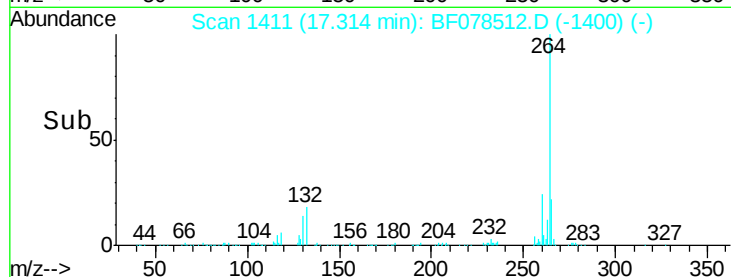
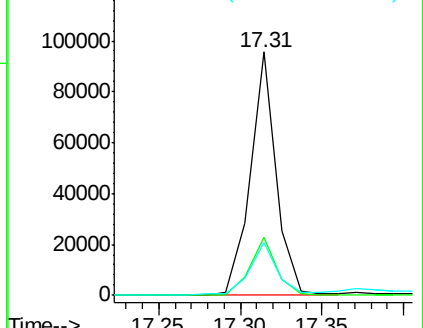
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.31 min Scan# 1411
Delta R.T. -0.17 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Instrument :
BNA_F
ClientSampleId :
HS-SB02BMS

Tgt Ion:264 Resp: 105446
Ion Ratio Lower Upper
264 100
260 24.1 18.6 27.8
265 22.0 17.0 25.6

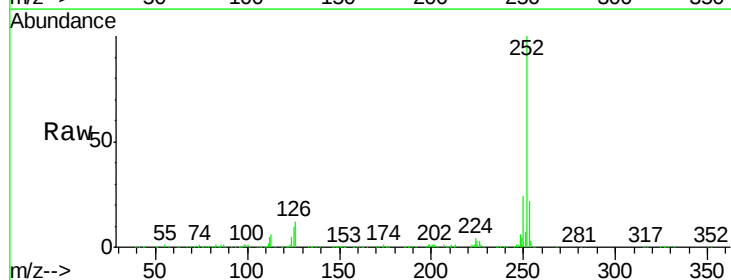


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

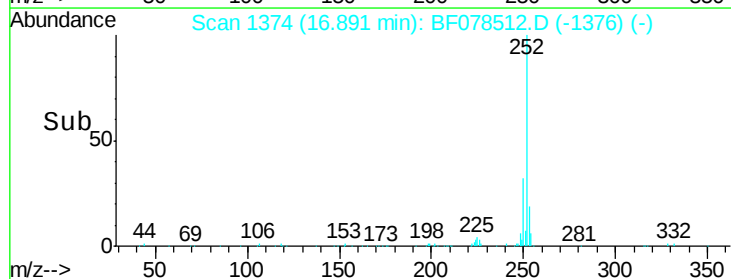
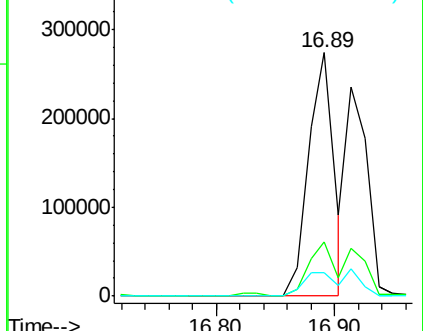


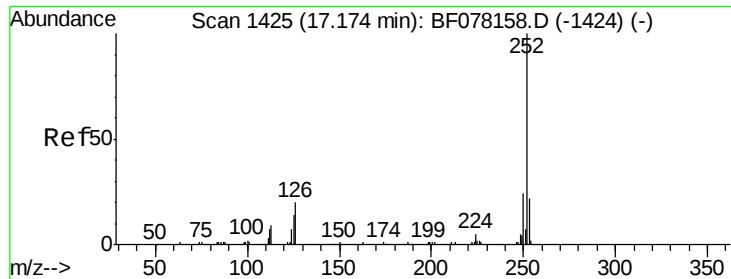
#87
Benzo(b)fluoranthene
Concen: 62.49 ng
RT: 16.89 min Scan# 1374
Delta R.T. -0.13 min
Lab File: BF078512.D
Acq: 14 Apr 2015 21:26

Tgt Ion:252 Resp: 407231
Ion Ratio Lower Upper
252 100
253 22.1 17.2 25.8
125 9.8 7.0 10.4



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





#88

Benzo(k)fluoranthene

Concen: 50.50 ng m

RT: 16.91 min Scan# 1376

Delta R.T. -0.14 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

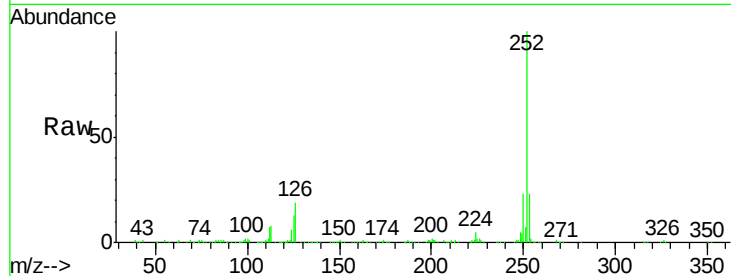
Tgt Ion:252 Resp: 292472

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

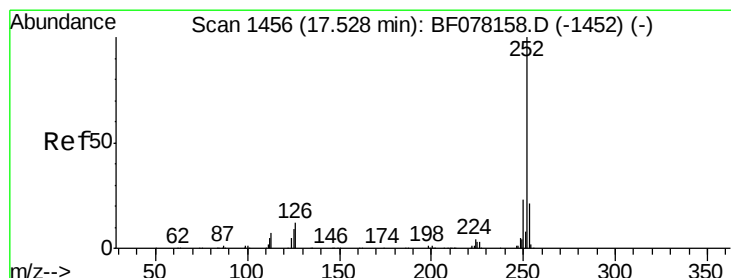
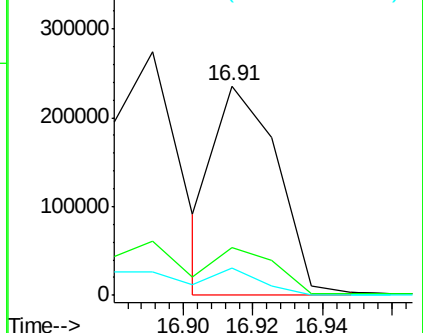
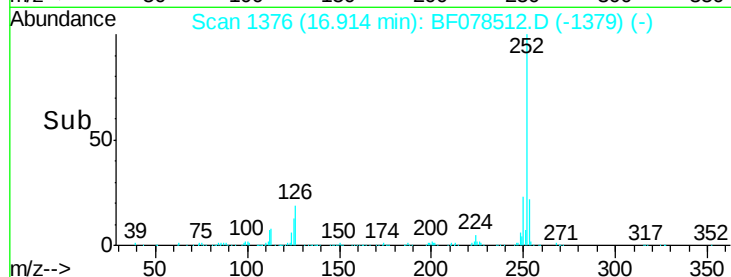
125 12.8 11.6 17.4



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: 64.17 ng

RT: 17.26 min Scan# 1406

Delta R.T. -0.16 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

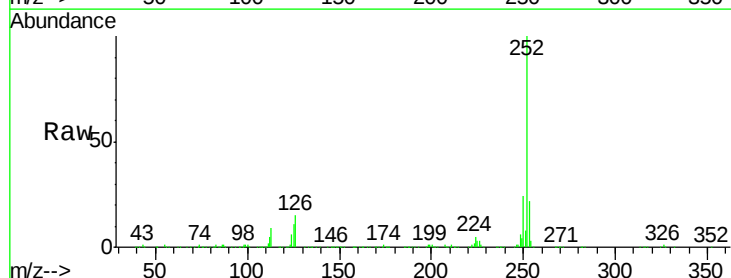
Tgt Ion:252 Resp: 364960

Ion Ratio Lower Upper

252 100

253 22.3 16.8 25.2

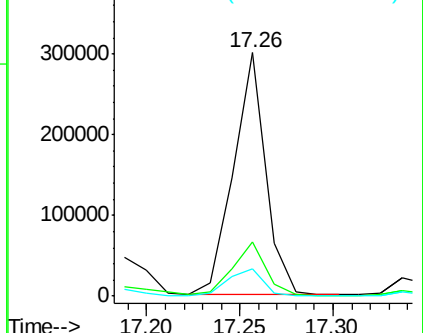
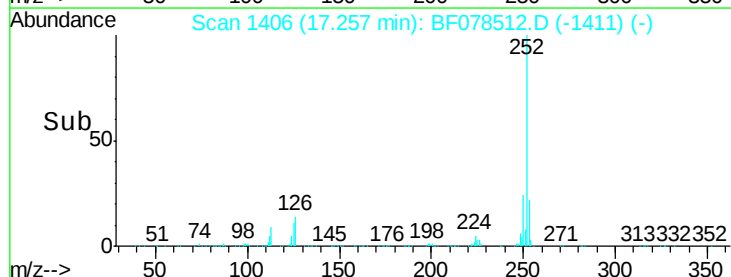
125 11.2 7.4 11.0#

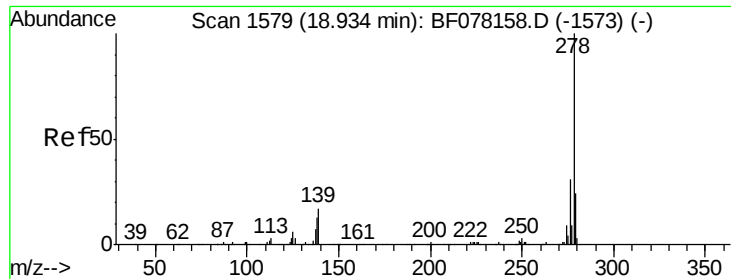


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 51.11 ng m

RT: 18.56 min Scan# 1520

Delta R.T. -0.27 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

Instrument :

BNA_F

ClientSampleId :

HS-SB02BMS

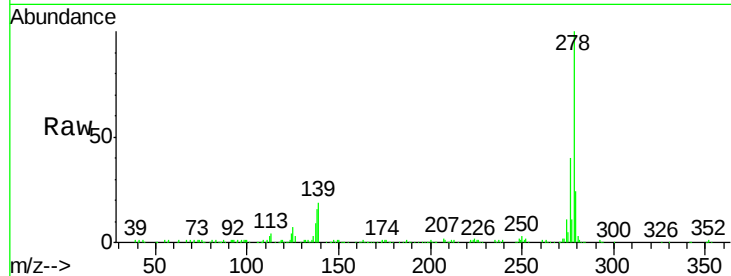
Tgt Ion:278 Resp: 291020

Ion Ratio Lower Upper

278 100

139 18.7 13.6 20.4

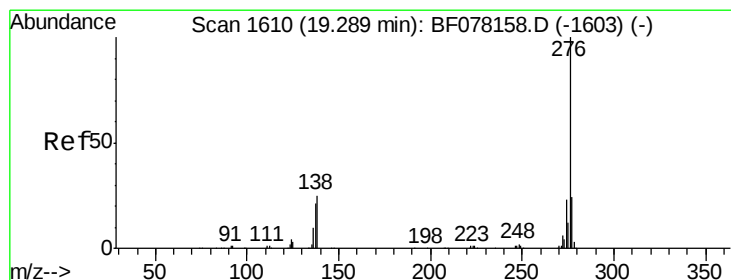
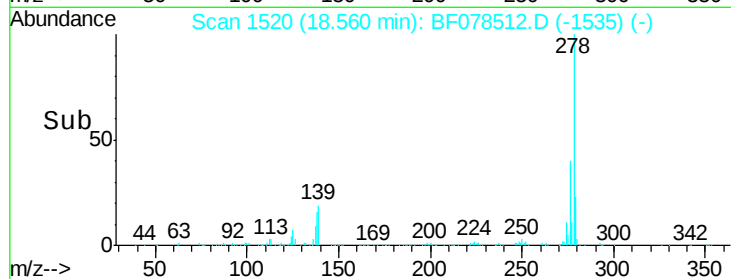
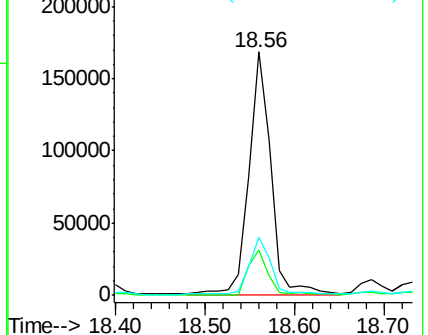
279 24.0 19.0 28.6



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: 59.08 ng m

RT: 18.89 min Scan# 1549

Delta R.T. -0.26 min

Lab File: BF078512.D

Acq: 14 Apr 2015 21:26

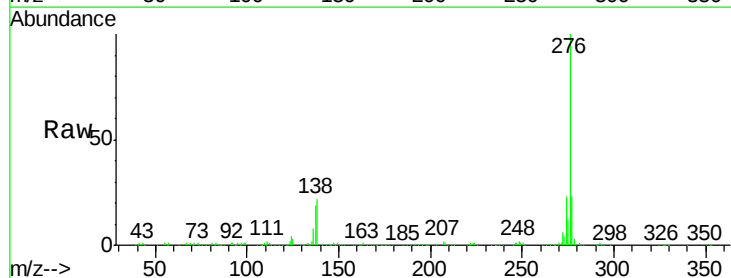
Tgt Ion:276 Resp: 337303

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 21.8 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

