

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076903.D
 Acq On : 16 Jan 2015 4:08
 Operator : IZ / TP
 Sample : G1076-11MS
 Misc : S
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Quant Time: Jan 16 11:39:17 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	38211	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	167038	20.00	ng	0.00
38) Acenaphthene-d10	15.07	164	90506	20.00	ng	-0.01
63) Phenanthrene-d10	17.82	188	148095	20.00	ng	0.00
75) Chrysene-d12	21.31	240	150633	20.00	ng	0.00
86) Perylene-d12	22.95	264	145196	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.10	112	27088	11.66	ng	0.01
7) Phenol-d6	7.42	99	32465	11.07	ng	0.00
23) Nitrobenzene-d5	9.32	82	23977	7.95	ng	0.00
41) 2,4,6-Tribromophenol	16.72	330	8190	11.15	ng	0.00
44) 2-Fluorobiphenyl	13.58	172	51272	8.62	ng	-0.01
78) Terphenyl-d14	20.04	244	51542	7.88	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.33	88	3270	3.29	ng	# 87
3) Pyridine	1.89	79	6050	2.35	ng	90
4) n-Nitrosodimethylamine	1.81	42	3661	2.87	ng	# 93
6) Aniline	7.32	93	14143	3.49	ng	95
8) 2-Chlorophenol	7.56	128	10181	3.80	ng	98
10) Phenol	7.44	94	10631	3.41	ng	91
11) bis(2-Chloroethyl)ether	7.56	93	9687	3.98	ng	85
12) 1,3-Dichlorobenzene	7.86	146	11523	3.78	ng	92
13) 1,4-Dichlorobenzene	8.06	146	11903	3.68	ng	91
14) 1,2-Dichlorobenzene	8.37	146	11562	3.88	ng	95
15) Benzyl Alcohol	8.45	79	8539	3.60	ng	# 91
16) 2,2'-oxybis(1-Chloropropan	8.80	45	13478	4.12	ng	80
17) 2-Methylphenol	8.79	107	7632	3.49	ng	88
18) Hexachloroethane	9.12	117	3888	3.46	ng	91
19) n-Nitroso-di-n-propylamine	9.08	70	6749	3.29	ng	# 98
20) 3+4-Methylphenols	9.18	107	10257	3.54	ng	89
22) Acetophenone	9.00	105	15192	3.71	ng	97
24) Nitrobenzene	9.35	77	10934	3.56	ng	# 91
25) Isophorone	9.94	82	19663	3.58	ng	# 92
26) 2-Nitrophenol	10.10	139	4141	4.30	ng	# 78
27) 2,4-Dimethylphenol	10.37	122	8670	3.65	ng	98
28) bis(2-Chloroethoxy)methane	10.57	93	12262	3.93	ng	# 98
29) 2,4-Dichlorophenol	10.71	162	7288	3.29	ng	95
30) 1,2,4-Trichlorobenzene	10.84	180	9725	3.96	ng	97
31) Naphthalene	10.97	128	33685	3.92	ng	97
33) 4-Chloroaniline	11.21	127	12618	3.63	ng	93
34) Hexachlorobutadiene	11.34	225	5325	3.65	ng	96
36) 4-Chloro-3-methylphenol	12.52	107	9265	3.66	ng	95
37) 2-Methylnaphthalene	12.63	142	21111	3.59	ng	98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	9070	4.05	ng	93
40) Hexachlorocyclopentadiene	13.02	237	2159	6.27	ng	92
42) 2,4,6-Trichlorophenol	13.39	196	4466	2.74	ng	92
43) 2,4,5-Trichlorophenol	13.48	196	5385m	3.24	ng	
45) 1,1'-Biphenyl	13.79	154	26589	3.96	ng	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.76	162	21594	3.91	nq	93
47) 2-Nitroaniline	14.11	65	5221	3.12	nq	91
48) Acenaphthylene	14.71	152	33525	3.60	nq	# 91
49) Dimethylphthalate	14.64	163	25215	3.93	nq	100
50) 2,6-Dinitrotoluene	14.75	165	4311	3.36	nq	88
51) Acenaphthene	15.15	154	19154	3.62	nq	91
52) 3-Nitroaniline	15.10	138	5241	4.83	nq	# 73
54) Dibenzofuran	15.57	168	27958	3.63	nq	96
55) 4-Nitrophenol	15.72	139	4383m	4.36	nq	
56) 2,4-Dinitrotoluene	15.68	165	4959	4.58	nq	# 91
57) Fluorene	16.27	166	24101	3.70	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.90	232	3841	3.17	nq	# 94
59) Diethylphthalate	16.25	149	25035	3.86	nq	98
60) 4-Chlorophenyl-phenylether	16.36	204	10146	3.80	nq	95
61) 4-Nitroaniline	16.39	138	4352	4.04	nq	# 79
62) Azobenzene	16.63	77	22219	3.29	nq	95
64) 4,6-Dinitro-2-methylphenol	16.48	198	228	3.53	nq	# 1
65) n-Nitrosodiphenylamine	16.60	169	19718	3.73	nq	92
66) 4-Bromophenyl-phenylether	17.19	248	6437	4.29	nq	93
67) Hexachlorobenzene	17.21	284	5866	3.71	nq	# 83
68) Atrazine	17.55	200	6355	3.97	nq	96
69) Pentachlorophenol	17.58	266	1397	8.67	nq	# 84
70) Phenanthrene	17.84	178	34537	3.74	nq	96
71) Anthracene	17.92	178	33557	3.73	nq	96
72) Carbazole	18.21	167	32578	3.73	nq	96
73) Di-n-butylphthalate	18.79	149	37033	3.66	nq	100
74) Fluoranthene	19.49	202	34620	3.66	nq	95
77) Pvrene	19.77	202	36691	3.55	nq	98
79) Butylbenzylphthalate	20.70	149	14331	3.07	nq	94
80) Benzo(a)anthracene	21.29	228	33796	3.58	nq	97
81) 3,3'-Dichlorobenzidine	21.31	252	11791	3.93	nq	# 92
82) Chrysene	21.34	228	32658	3.79	nq	99
83) Bis(2-ethylhexyl)phthalate	21.43	149	22282	3.44	nq	# 97
84) Di-n-octyl phthalate	22.20	149	35062	3.12	nq	# 95
85) Indeno(1,2,3-cd)pvrene	24.05	276	34447m	3.77	nq	
87) Benzo(b)fluoranthene	22.54	252	31248	3.20	nq	# 91
88) Benzo(k)fluoranthene	22.57	252	32342m	3.79	nq	
89) Benzo(a)pyrene	22.88	252	32314	3.75	nq	# 98
90) Dibenzo(a,h)anthracene	24.08	278	29183m	3.69	nq	
91) Benzo(g,h,i)perylene	24.35	276	30259m	3.85	nq	

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.02 min Scan# 607

Delta R.T. 0.00 min

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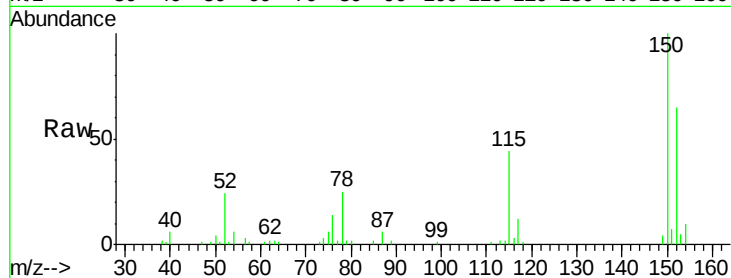
Tot Ion:152 Resp: 38211

Ion Ratio Lower Upper

152 100

150 154.6 121.7 182.5

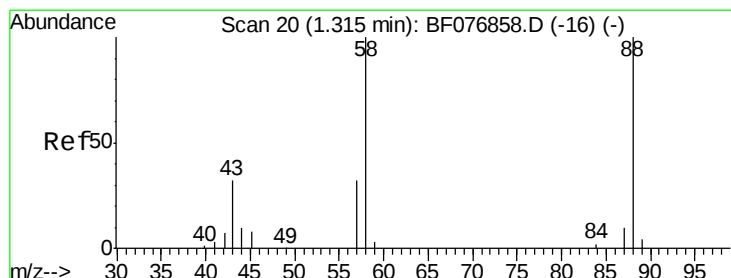
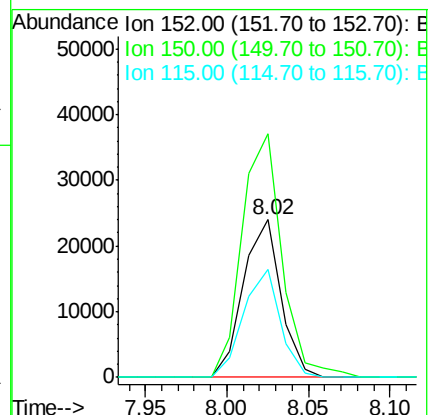
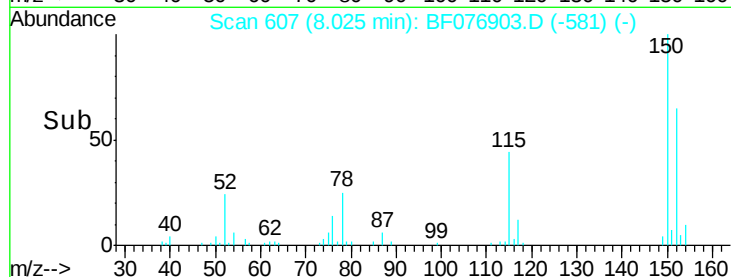
115 68.2 47.0 70.6



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: 3.29 ng

RT: 1.33 min Scan# 21

Delta R.T. 0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

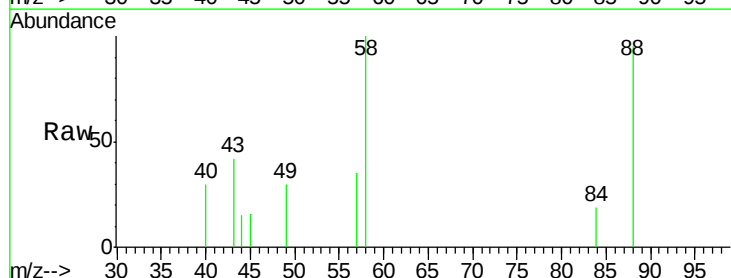
Tgt Ion: 88 Resp: 3270

Ion Ratio Lower Upper

88 100

58 98.5 77.0 115.4

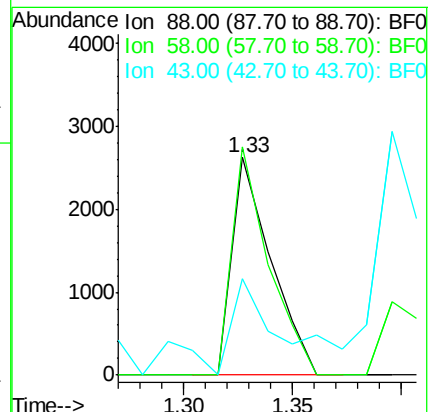
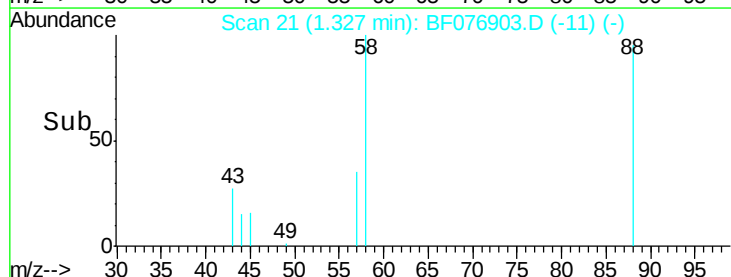
43 58.3 25.6 38.4#



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 2.35 ng

RT: 1.89 min Scan# 70

Delta R.T. 0.09 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

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SP-3MS

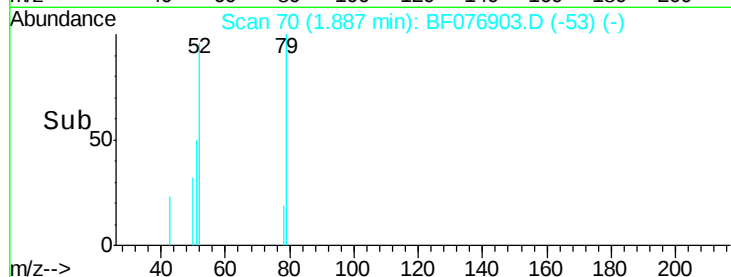
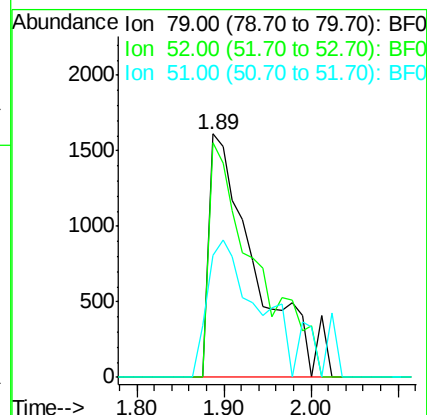
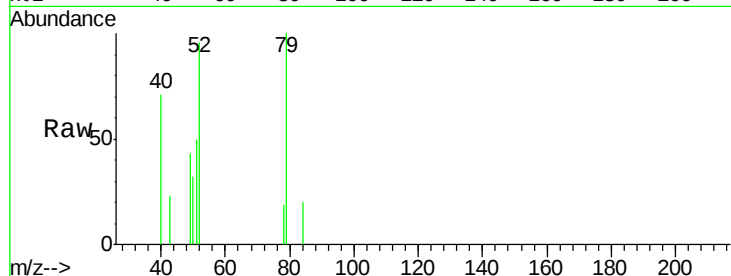
Tot Ion: 79 Resp: 6050

Ion Ratio Lower Upper

79 100

52 96.4 70.1 105.1

51 50.1 35.1 52.7



#4

n-Nitrosodimethylamine

Concen: 2.87 ng

RT: 1.81 min Scan# 63

Delta R.T. 0.05 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

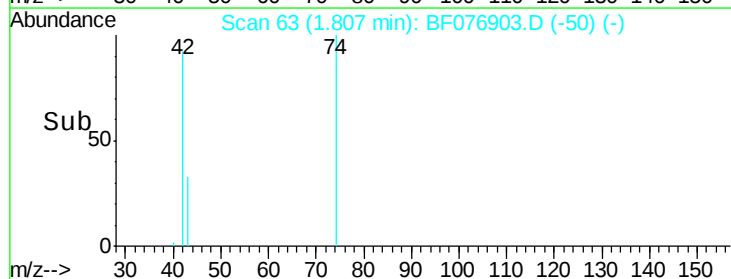
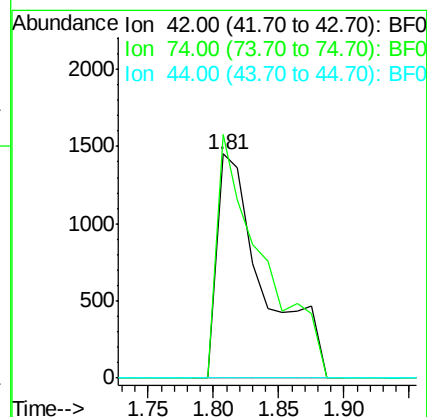
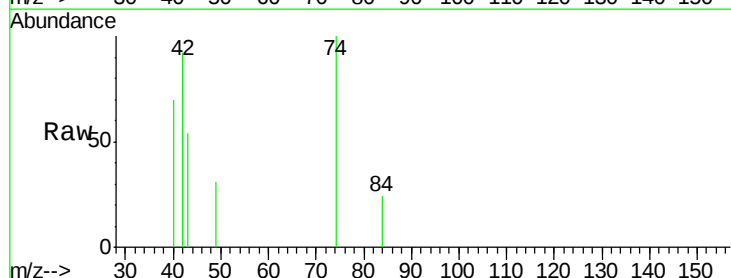
Tgt Ion: 42 Resp: 3661

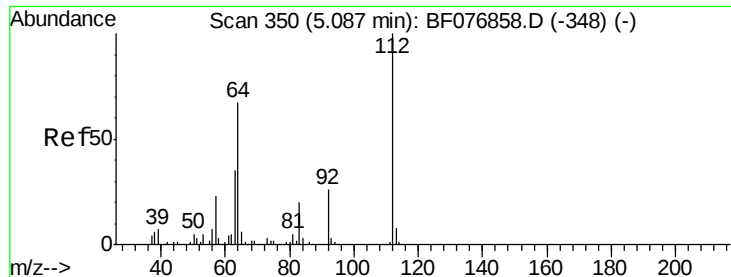
Ion Ratio Lower Upper

42 100

74 108.5 92.4 138.6

44 0.0 6.2 9.2#





#5

2-Fluorophenol

Concen: 11.66 ng

RT: 5.10 min Scan# 351

Delta R.T. 0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

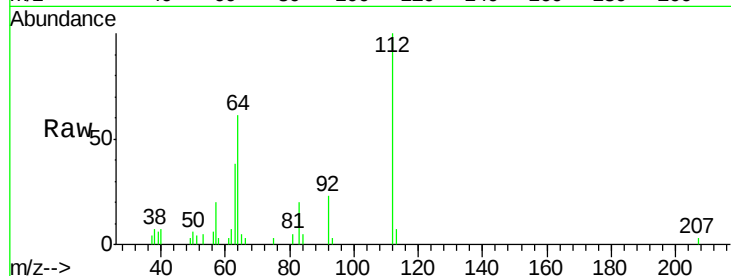
Tot Ion:112 Resp: 27088

Ion Ratio Lower Upper

112 100

64 61.2 54.2 81.4

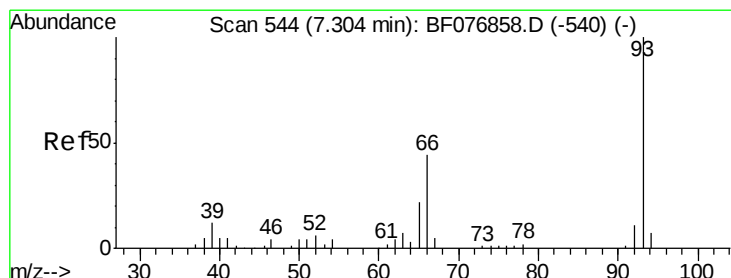
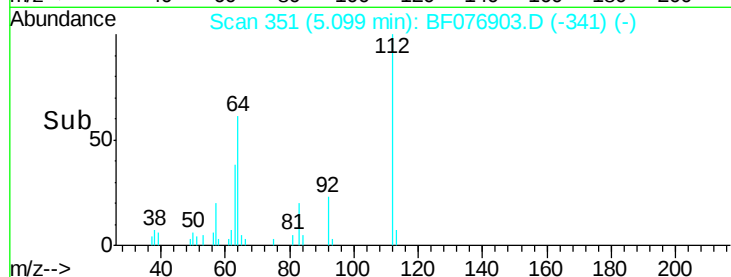
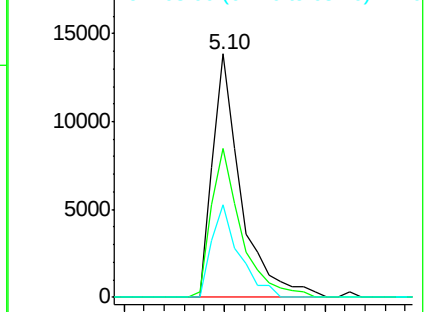
63 37.9 28.4 42.6



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: 3.49 ng

RT: 7.32 min Scan# 545

Delta R.T. 0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

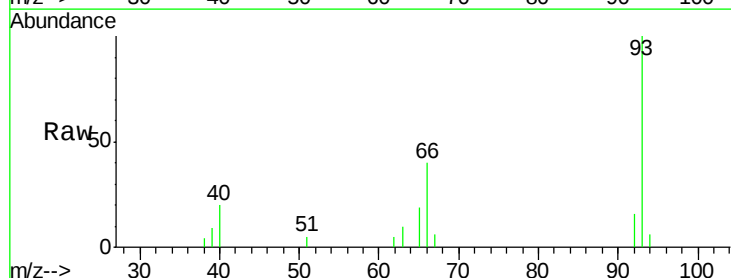
Tgt Ion: 93 Resp: 14143

Ion Ratio Lower Upper

93 100

66 40.4 35.0 52.4

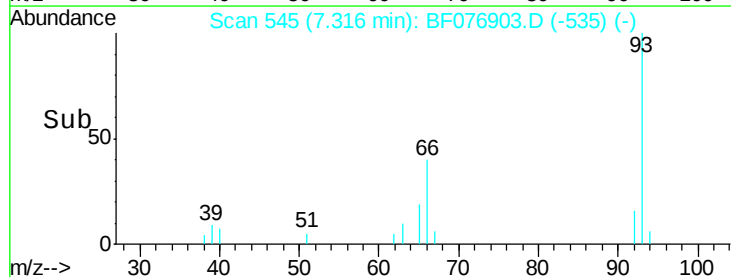
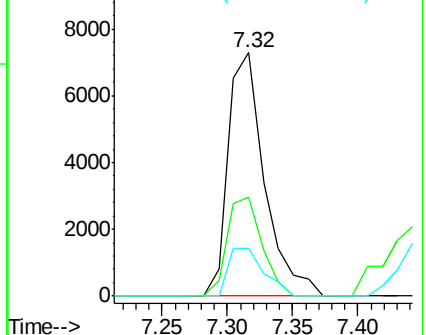
65 19.4 17.7 26.5

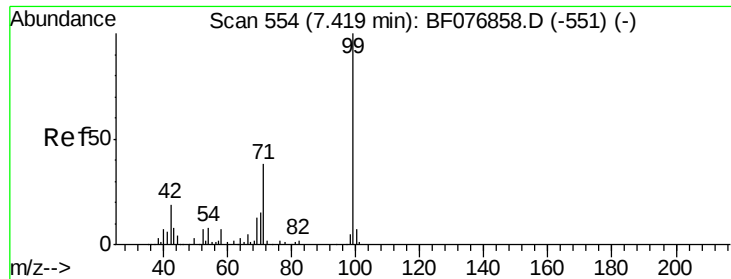


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 11.07 ng

RT: 7.42 min Scan# 554

Delta R.T. 0.00 min

Lab File: BF076903.D

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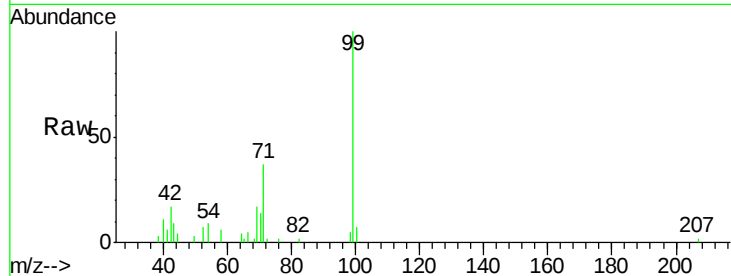
Tot Ion: 99 Resp: 32465

Ion Ratio Lower Upper

99 100

42 16.9 15.0 22.4

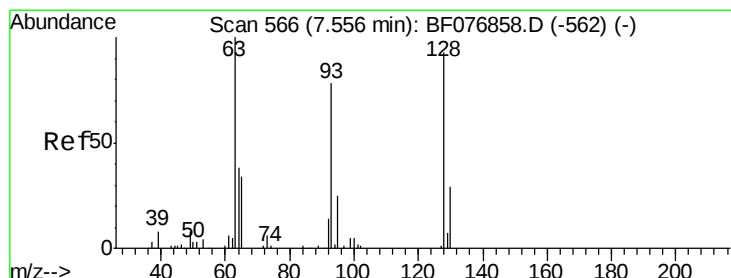
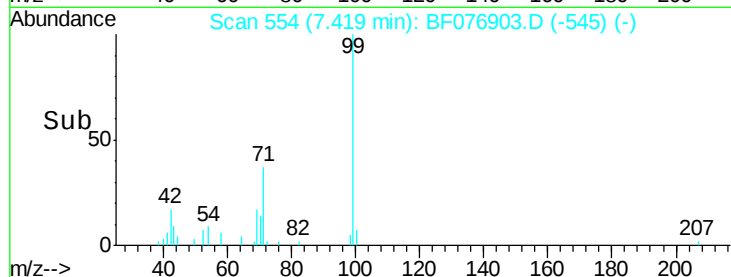
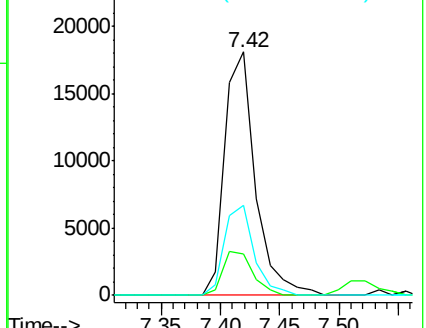
71 37.1 30.5 45.7



Abundance Ion 99.00 (98.70 to 99.70): BF076858.D (-551) (-)

Ion 42.00 (41.70 to 42.70): BF076858.D (-551) (-)

Ion 71.00 (70.70 to 71.70): BF076858.D (-551) (-)



#8

2-Chlorophenol

Concen: 3.80 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

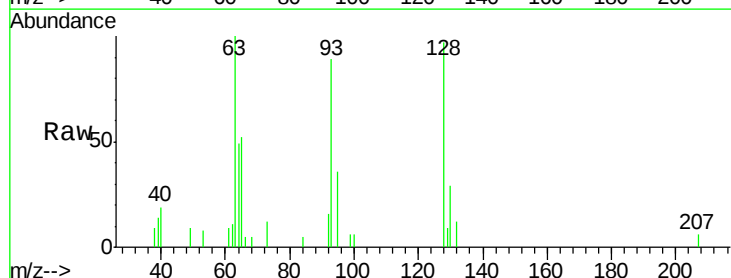
Tgt Ion: 128 Resp: 10181

Ion Ratio Lower Upper

128 100

130 29.8 11.0 51.0

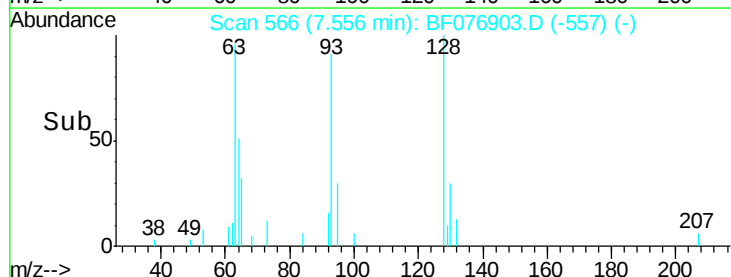
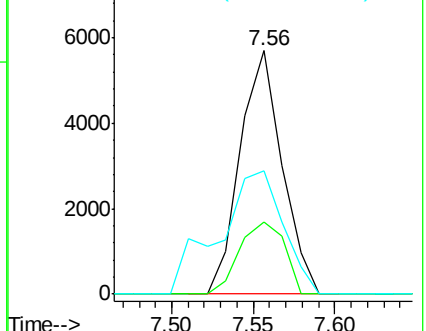
64 50.5 29.3 69.3

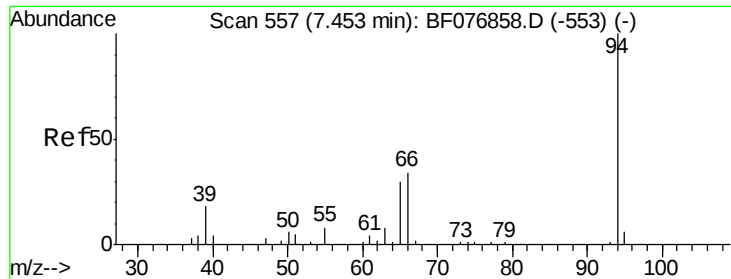


Abundance Ion 128.00 (127.70 to 128.70): BF076858.D (-562) (-)

Ion 130.00 (129.70 to 130.70): BF076858.D (-562) (-)

Ion 64.00 (63.70 to 64.70): BF076858.D (-562) (-)





#10

Phenol

Concen: 3.41 ng

RT: 7.44 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

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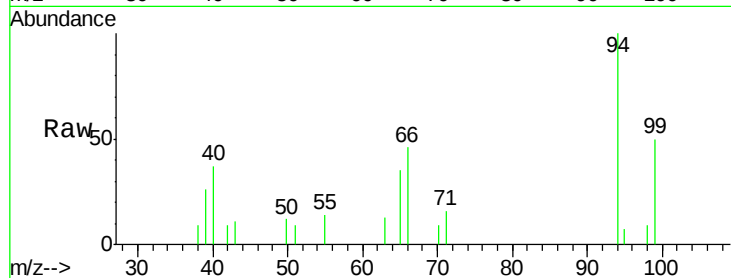
Tot Ion: 94 Resp: 10631

Ion Ratio Lower Upper

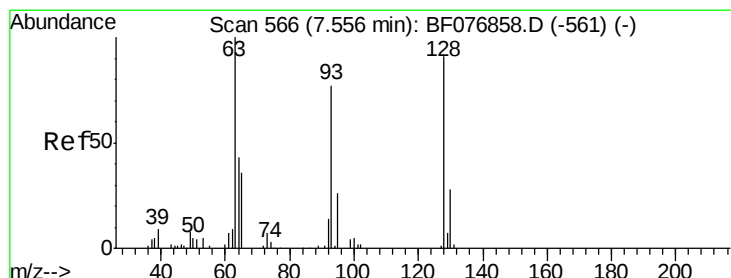
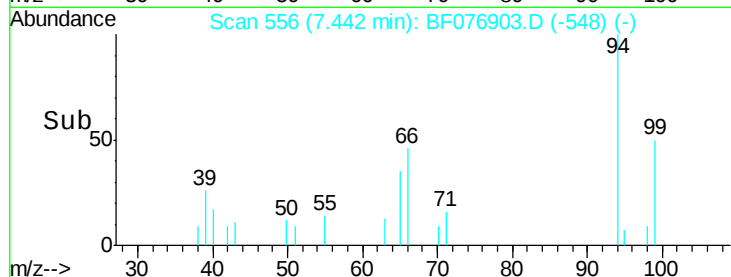
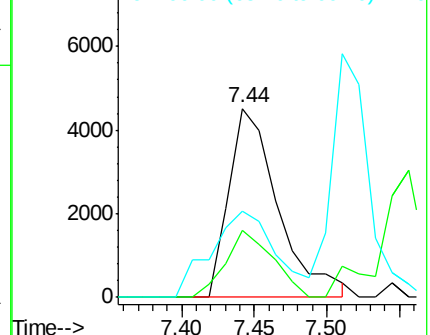
94 100

65 35.5 11.3 51.3

66 46.0 19.5 59.5



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 3.98 ng

RT: 7.56 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

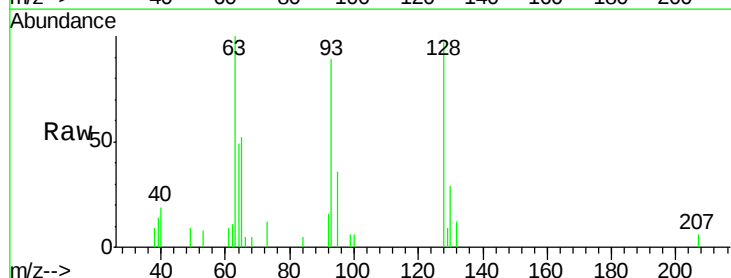
Tgt Ion: 93 Resp: 9687

Ion Ratio Lower Upper

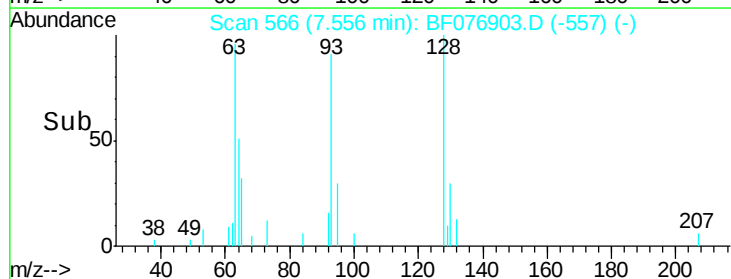
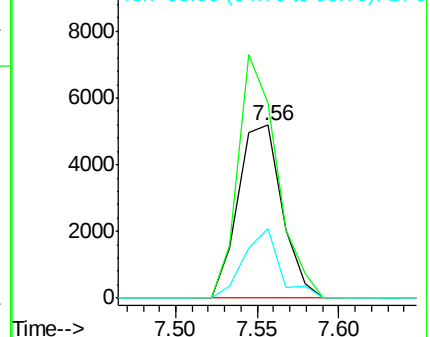
93 100

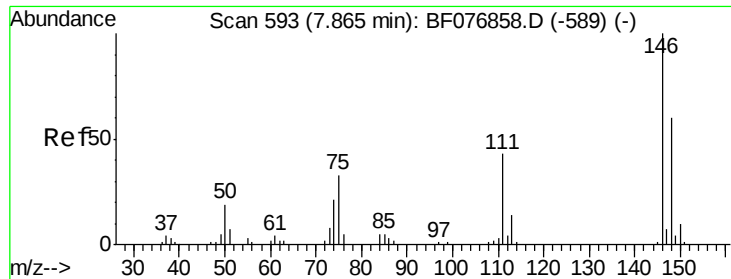
63 112.8 111.3 151.3

95 40.4 13.8 53.8



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

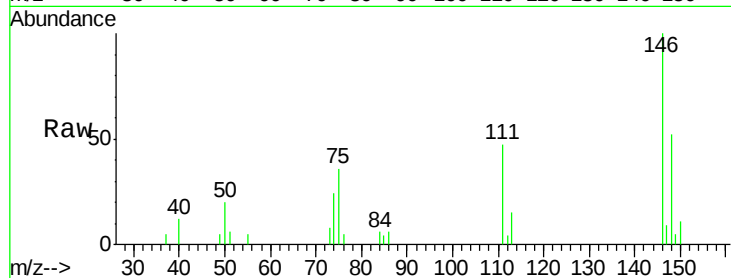




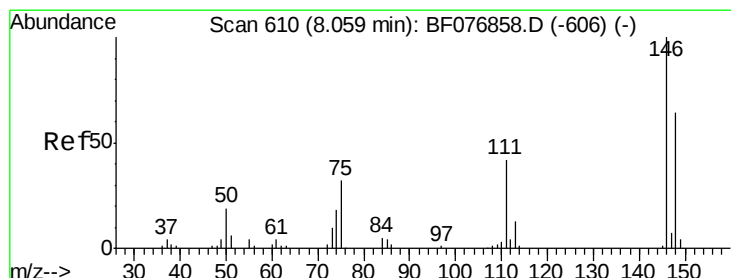
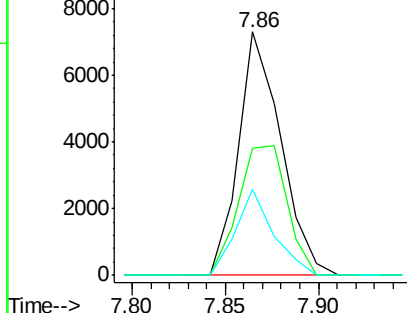
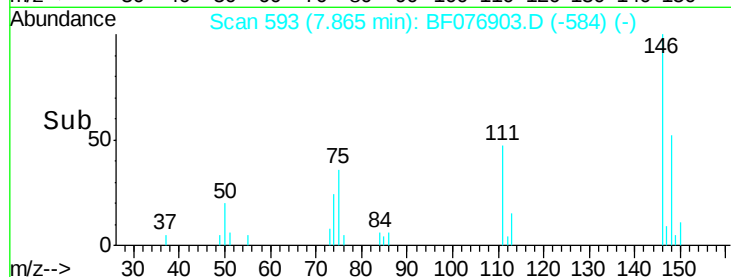
#12
 1,3-Dichlorobenzene
 Concen: 3.78 ng
 RT: 7.86 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	52.3	48.1	72.1
75	35.6	26.8	40.2

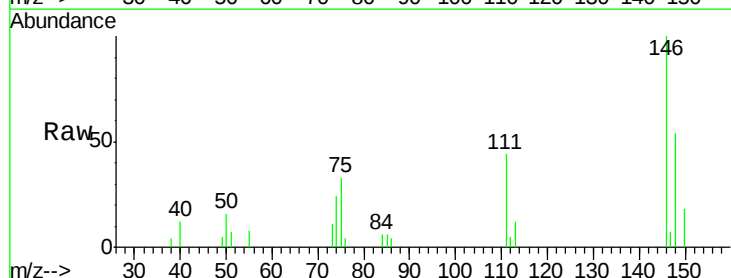


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

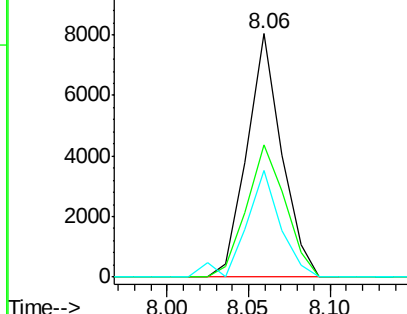
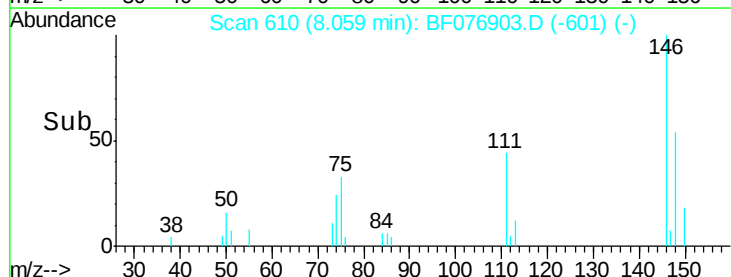


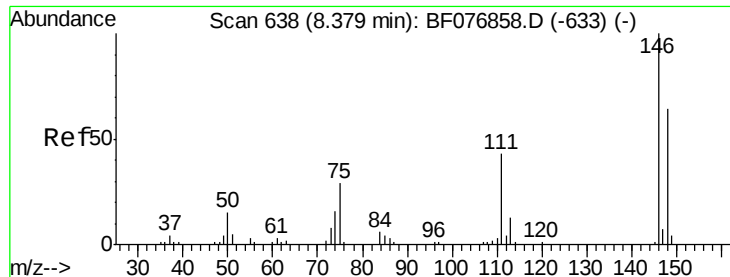
#13
 1,4-Dichlorobenzene
 Concen: 3.68 ng
 RT: 8.06 min Scan# 610
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	54.5	51.5	77.3
111	43.9	33.9	50.9



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

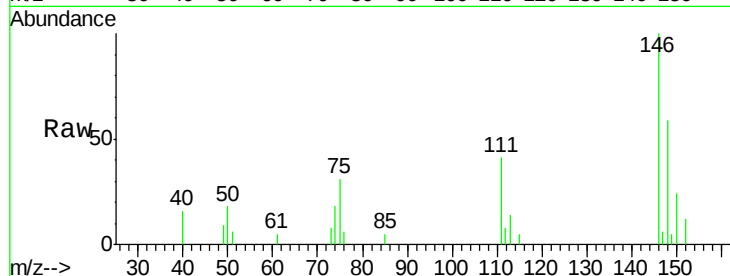




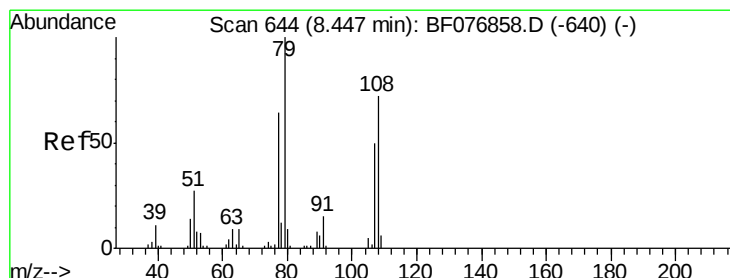
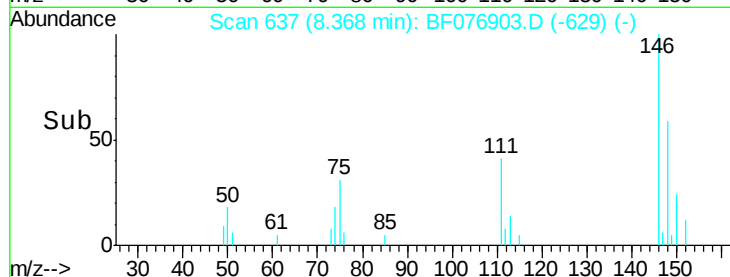
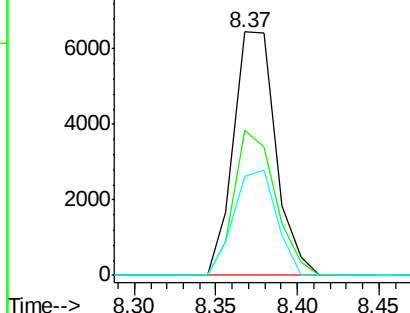
#14
 1,2-Dichlorobenzene
 Concen: 3.88 ng
 RT: 8.37 min Scan# 637
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion:146 Resp: 11562
 Ion Ratio Lower Upper
 146 100
 148 59.5 51.3 76.9
 111 40.9 34.5 51.7

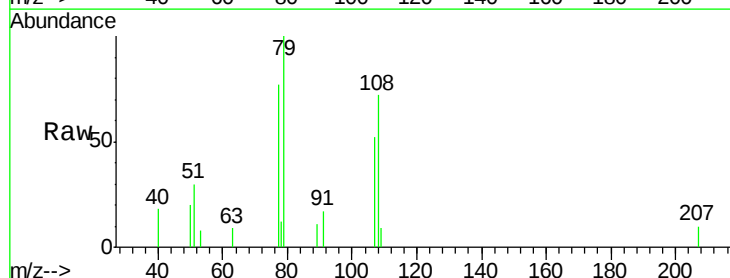


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

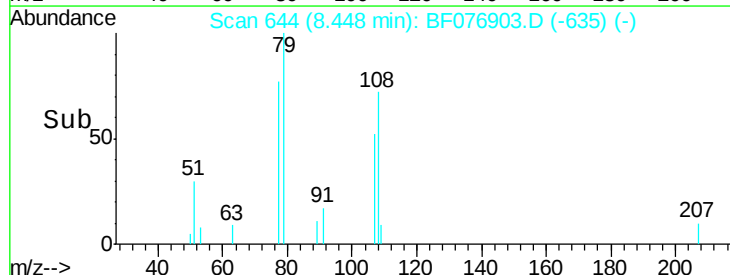
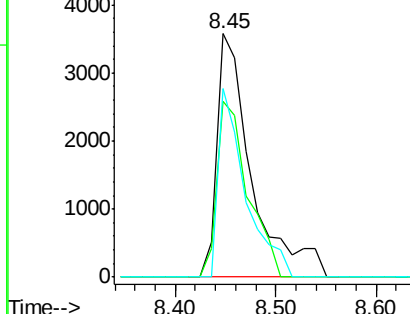


#15
 Benzyl Alcohol
 Concen: 3.60 ng
 RT: 8.45 min Scan# 644
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion: 79 Resp: 8539
 Ion Ratio Lower Upper
 79 100
 108 72.3 57.2 85.8
 77 77.3 51.2 76.8#



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

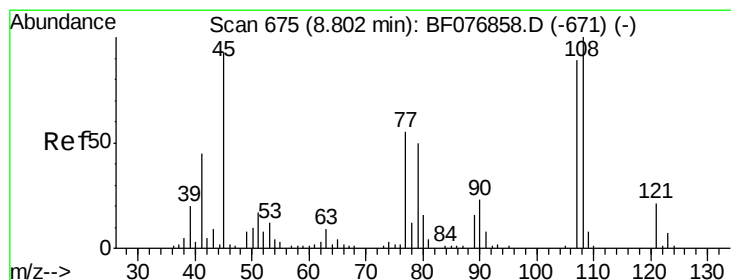
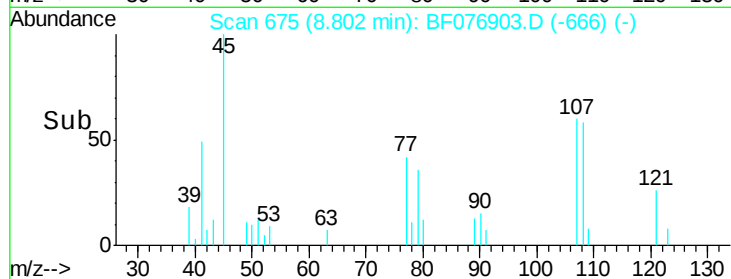
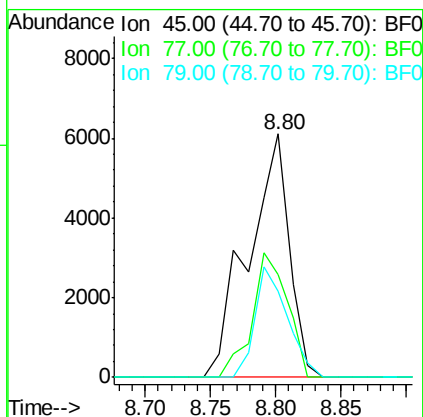
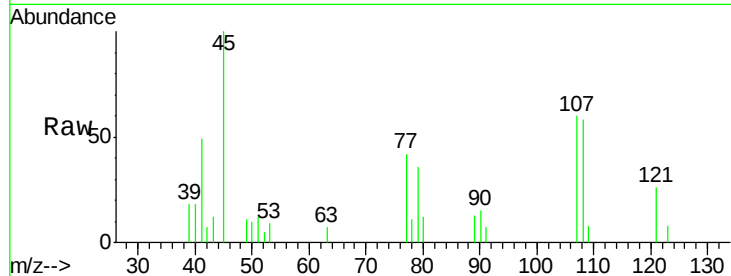




#16
2,2'-oxvbis(1-Chloropropane)
Concen: 4.12 ng
RT: 8.80 min Scan# 675
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

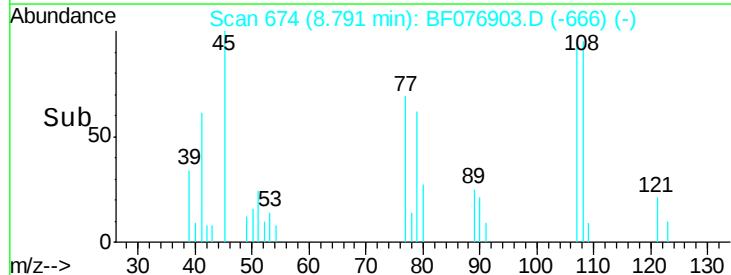
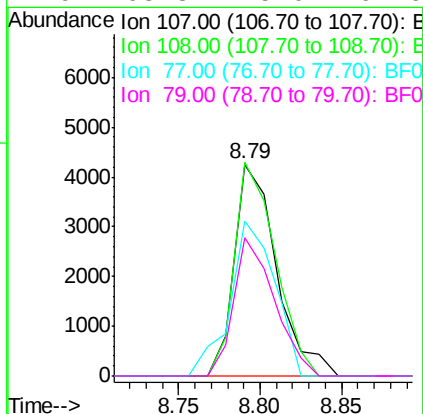
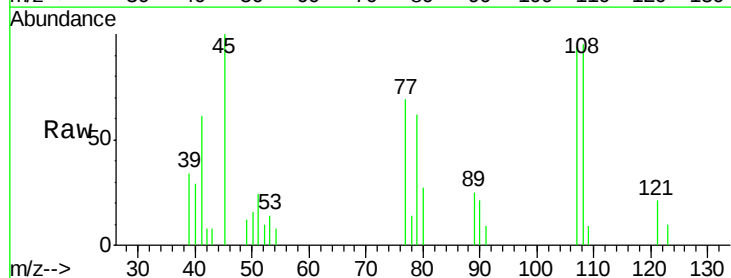
Instrument :
BNA_F
ClientSampleId :
SP-3MS

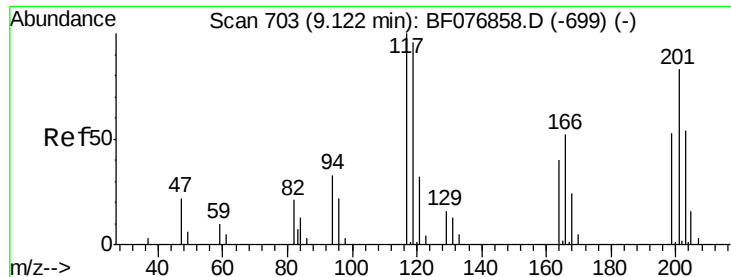
Tot Ion: 45 Resp: 13478
Ion Ratio Lower Upper
45 100
77 42.3 36.1 76.1
79 35.5 30.5 70.5



#17
2-Methylphenol
Concen: 3.49 ng
RT: 8.79 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion: 107 Resp: 7632
Ion Ratio Lower Upper
107 100
108 101.1 89.7 134.5
77 73.4 50.1 75.1
79 65.3 45.0 67.6

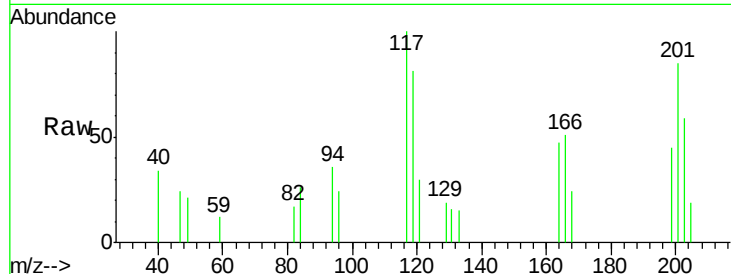




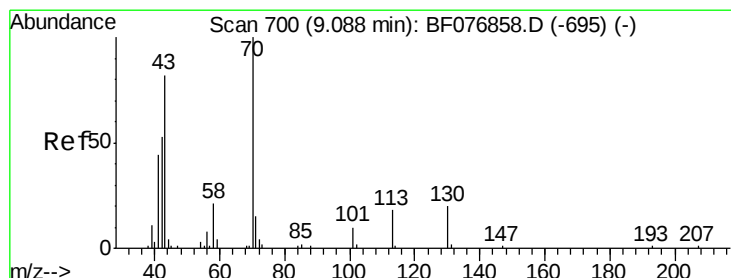
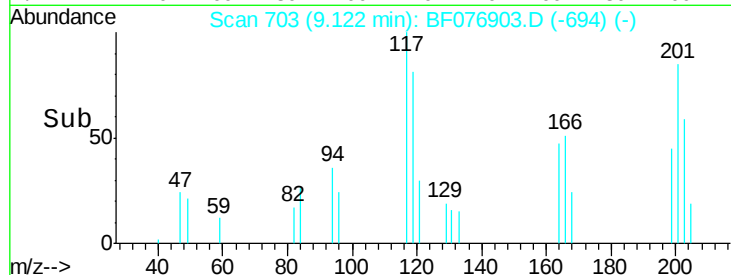
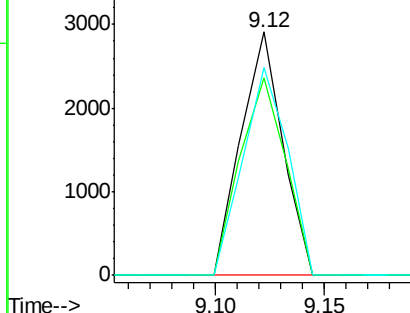
#18
Hexachloroethane
Concen: 3.46 ng
RT: 9.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:117 Resp: 3888
Ion Ratio Lower Upper
117 100
119 81.0 77.1 115.7
201 85.1 66.8 100.2

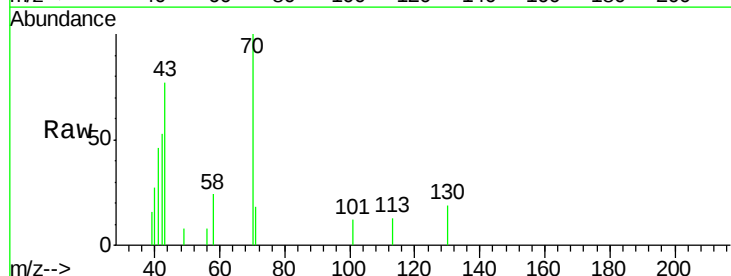


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

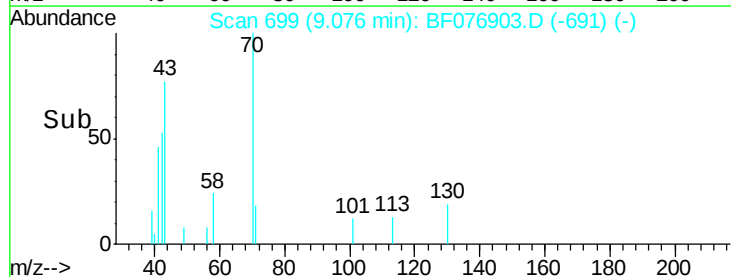
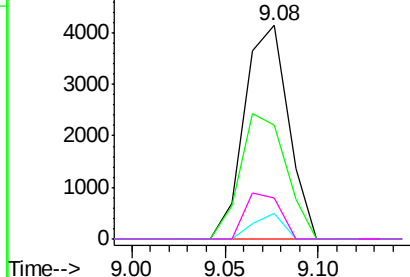


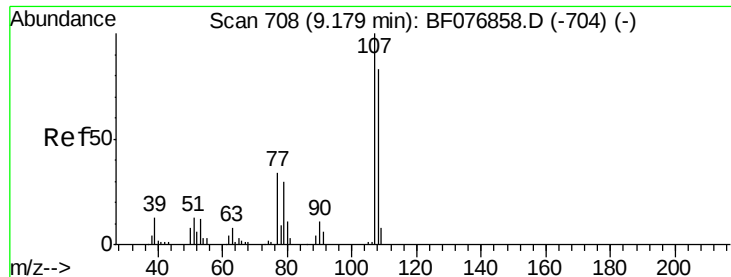
#19
n-Nitroso-di-n-propylamine
Concen: 3.29 ng
RT: 9.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion: 70 Resp: 6749
Ion Ratio Lower Upper
70 100
42 53.1 42.1 63.1
101 11.8 7.8 11.8#
130 19.4 16.2 24.4



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E





#20

3+4-Methylphenols

Concen: 3.54 ng

RT: 9.18 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

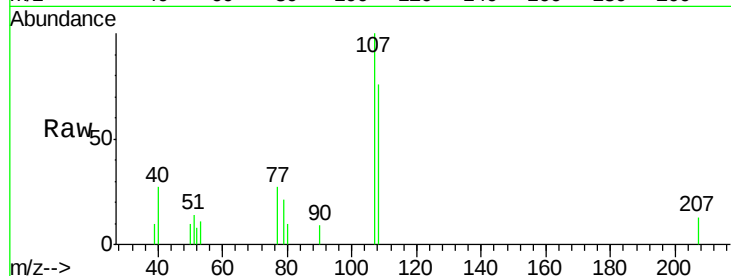
Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tot Ion:	107	Resp:	10257
Ion	Ratio	Lower	Upper
107	100		
108	76.1	63.5	103.5
77	26.7	14.0	54.0
79	20.8	9.9	49.9

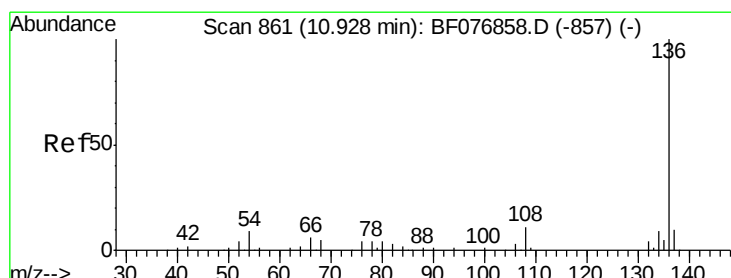
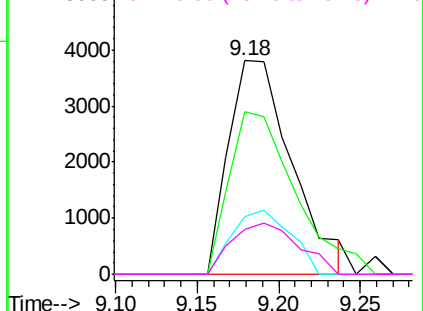
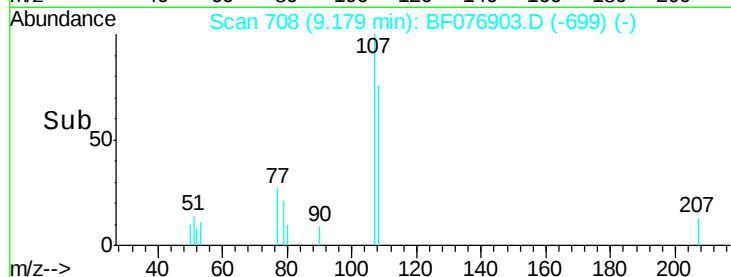


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

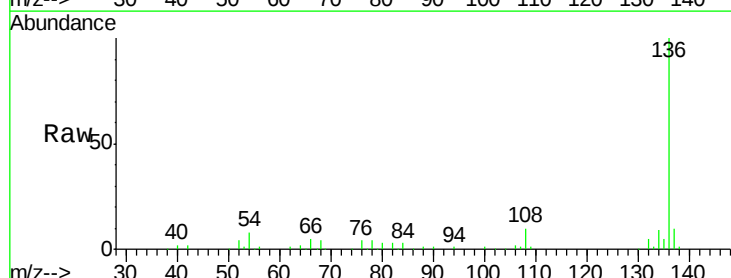
RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Tgt Ion:	136	Resp:	167038
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.1	12.1
54	7.8	7.0	10.4
68	4.5	3.7	5.5

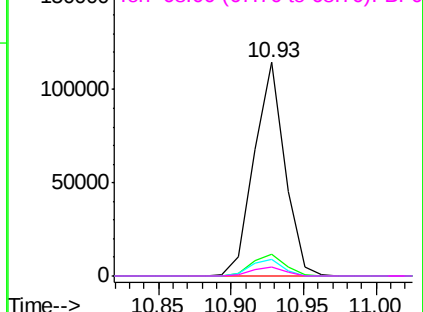
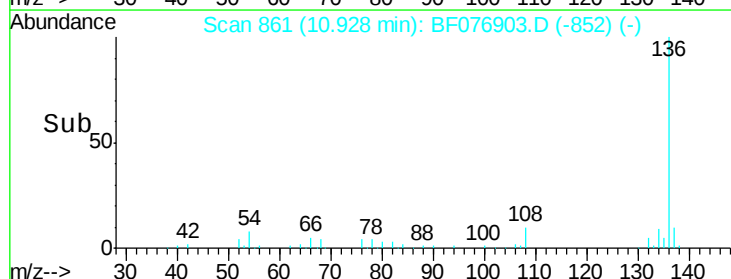


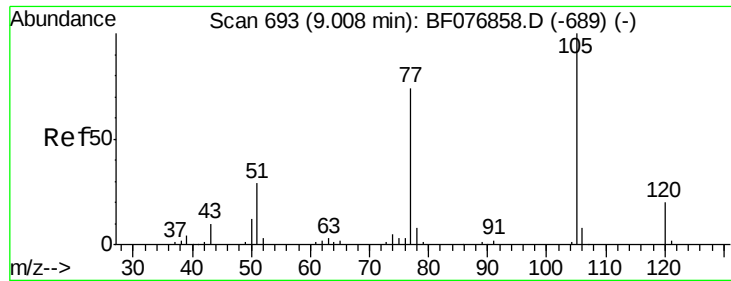
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 3.71 ng

RT: 9.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tot Ion:105 Resp: 15192

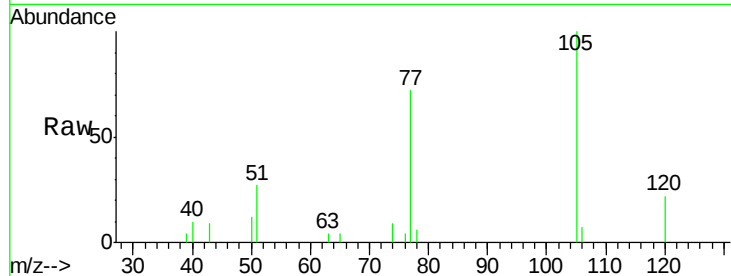
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 27.5 23.3 34.9

120 21.7 16.1 24.1

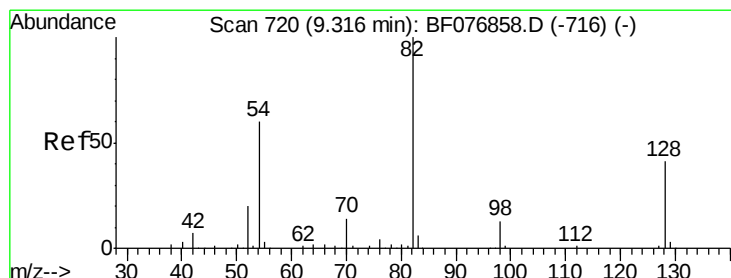
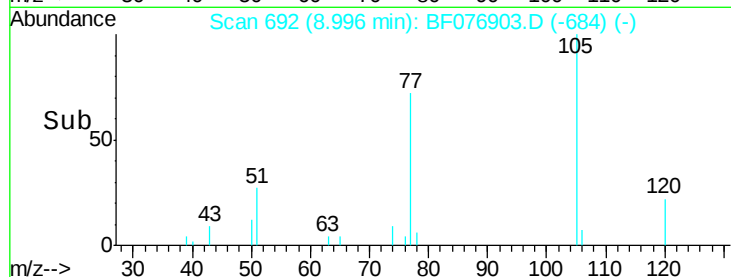
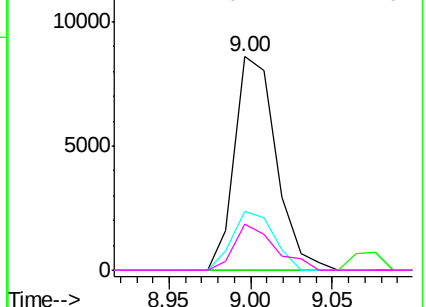


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 7.95 ng

RT: 9.32 min Scan# 720

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

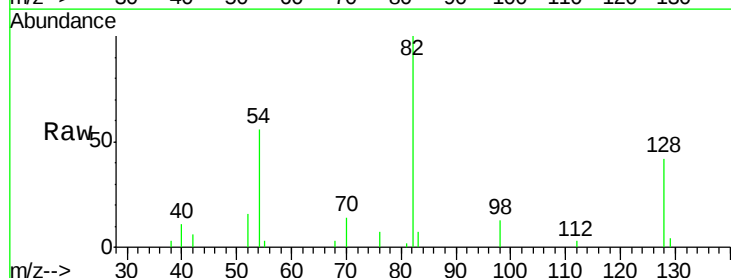
Tgt Ion: 82 Resp: 23977

Ion Ratio Lower Upper

82 100

128 42.2 33.1 49.7

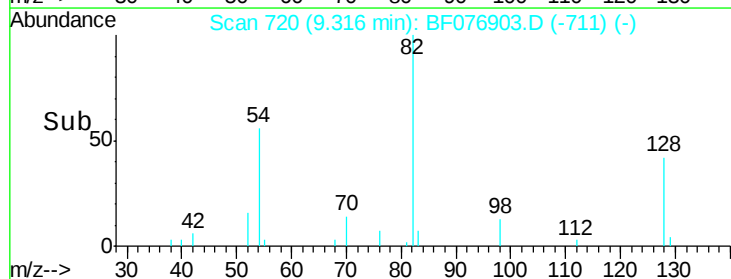
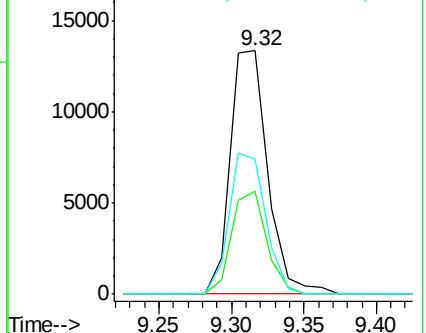
54 55.5 48.3 72.5

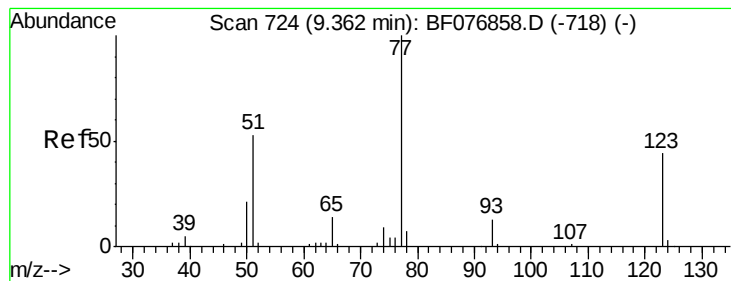


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 3.56 ng

RT: 9.35 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

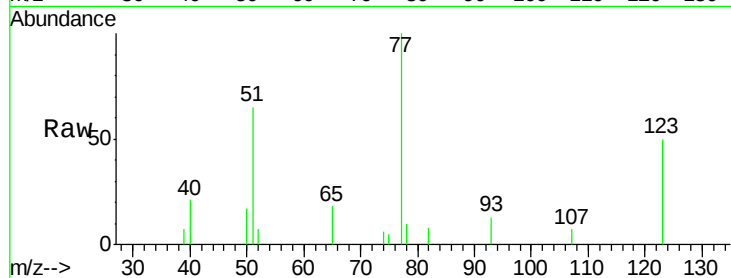
Tot Ion: 77 Resp: 10934

Ion Ratio Lower Upper

77 100

123 50.1 35.2 52.8

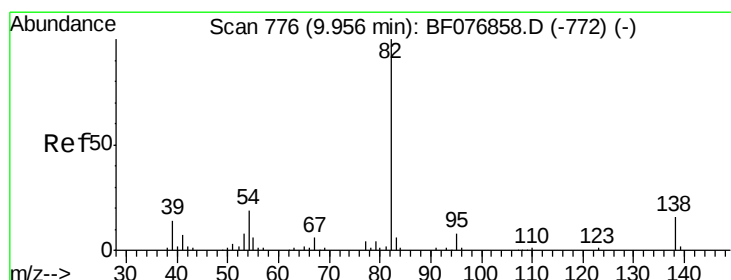
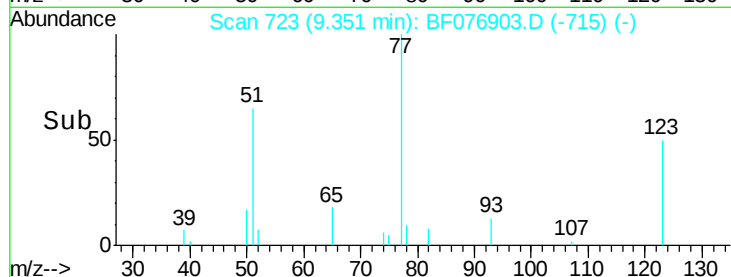
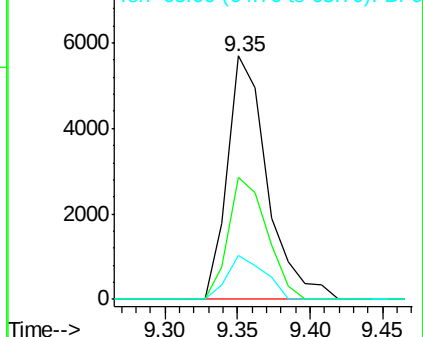
65 17.9 11.4 17.2#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#25

Isophorone

Concen: 3.58 ng

RT: 9.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

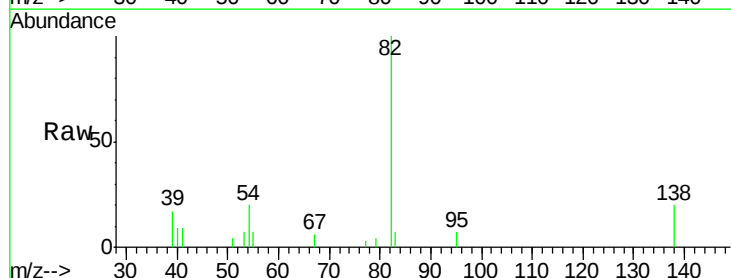
Tgt Ion: 82 Resp: 19663

Ion Ratio Lower Upper

82 100

95 6.9 6.6 10.0

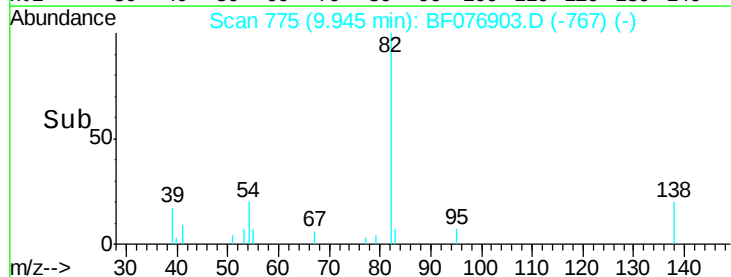
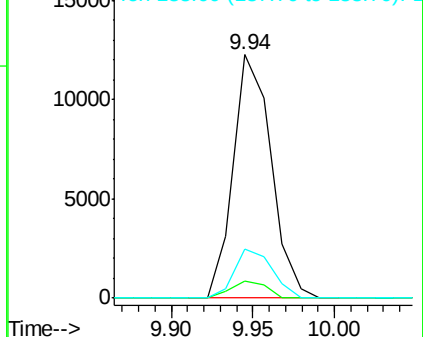
138 20.1 12.6 18.8#

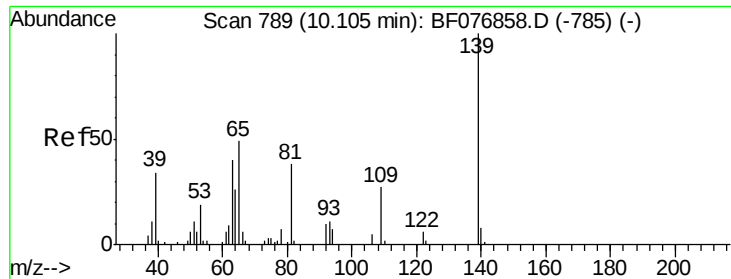


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

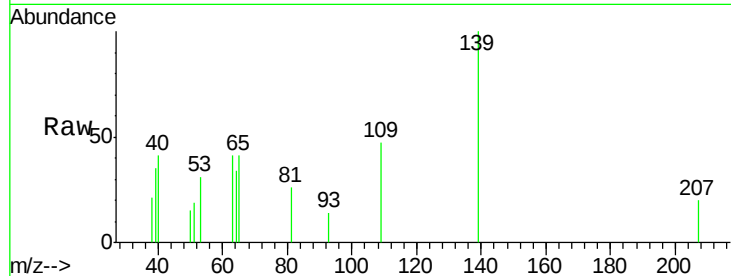




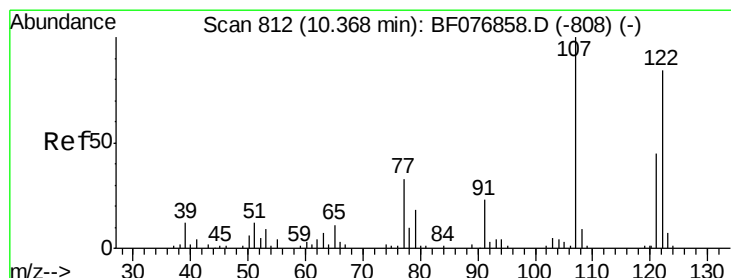
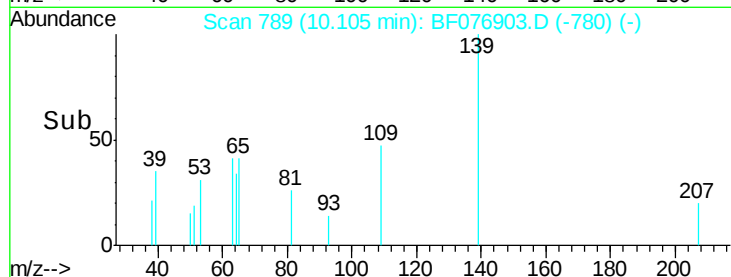
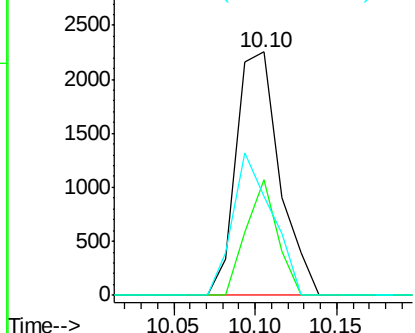
#26
2-Nitrophenol
Concen: 4.30 ng
RT: 10.10 min Scan# 789
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:139 Resp: 4141
Ion Ratio Lower Upper
139 100
109 47.4 21.3 31.9#
65 40.8 39.4 59.0

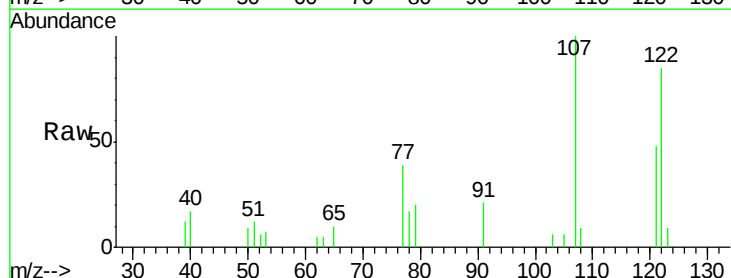


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

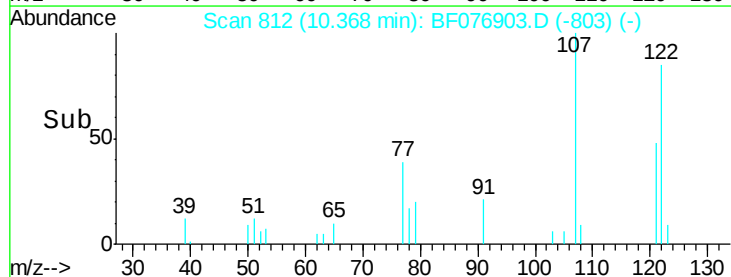
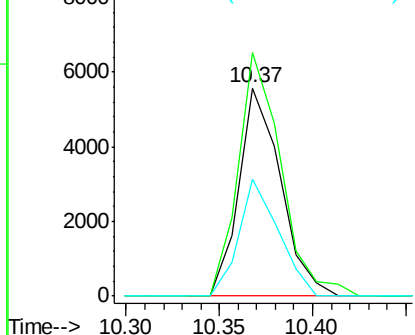


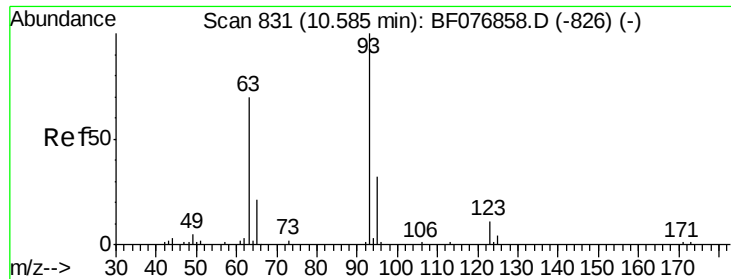
#27
2,4-Dimethylphenol
Concen: 3.65 ng
RT: 10.37 min Scan# 812
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:122 Resp: 8670
Ion Ratio Lower Upper
122 100
107 117.2 95.2 142.8
121 56.0 42.9 64.3



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

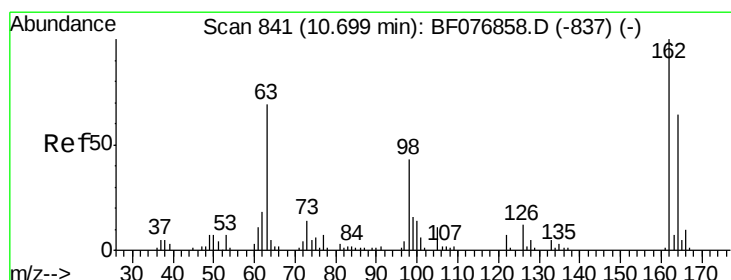
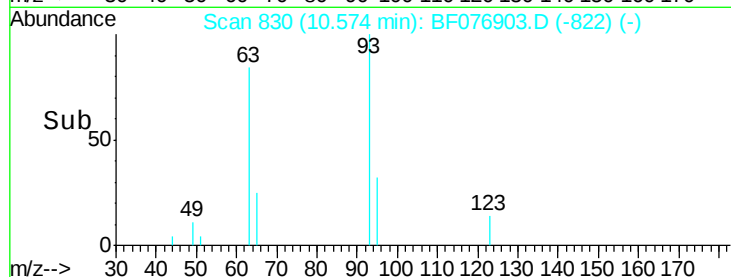
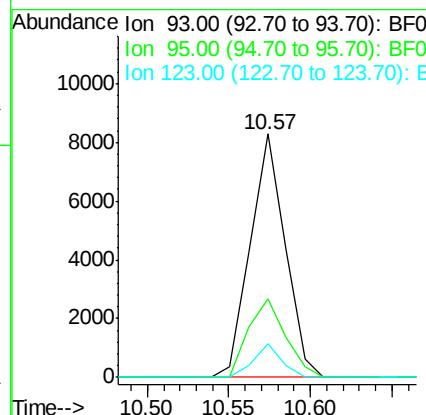
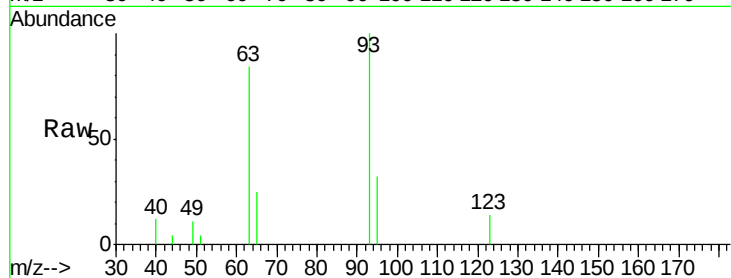




#28
bis(2-Chloroethoxy)methane
Concen: 3.93 ng
RT: 10.57 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

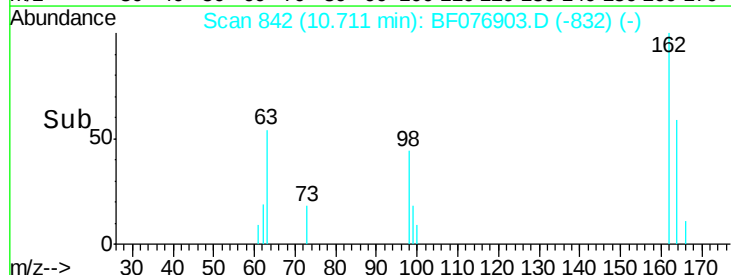
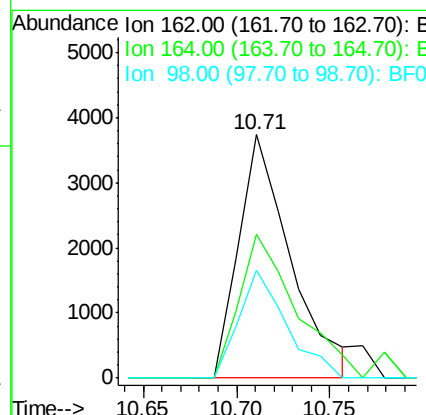
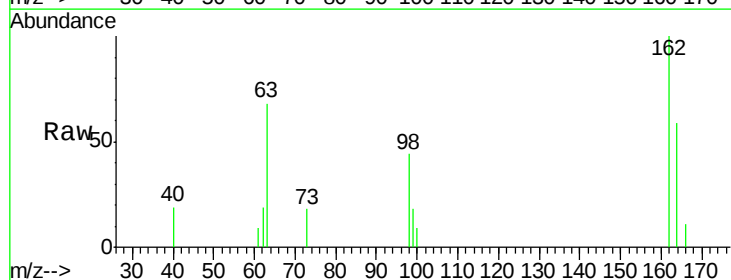
Instrument :
BNA_F
ClientSampled :
SP-3MS

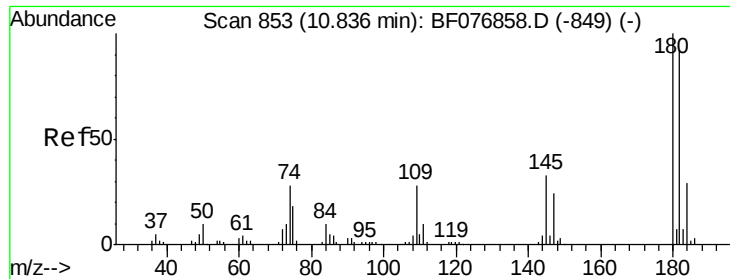
Tot Ion: 93 Resp: 12262
Ion Ratio Lower Upper
93 100
95 32.4 25.6 38.4
123 14.0 8.9 13.3#



#29
2,4-Dichlorophenol
Concen: 3.29 ng
RT: 10.71 min Scan# 842
Delta R.T. 0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion: 162 Resp: 7288
Ion Ratio Lower Upper
162 100
164 59.3 43.8 83.8
98 44.4 22.5 62.5

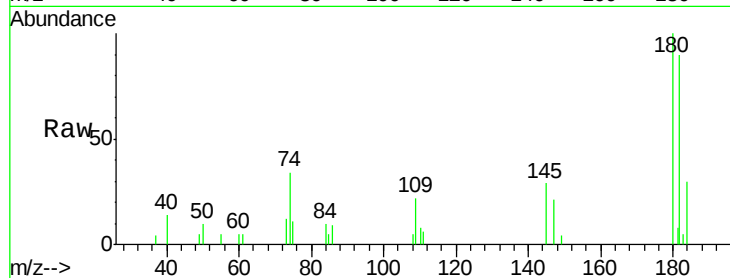




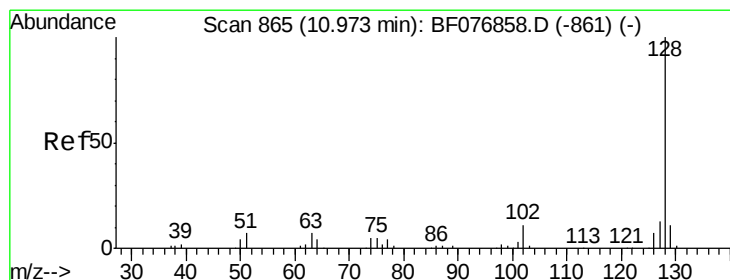
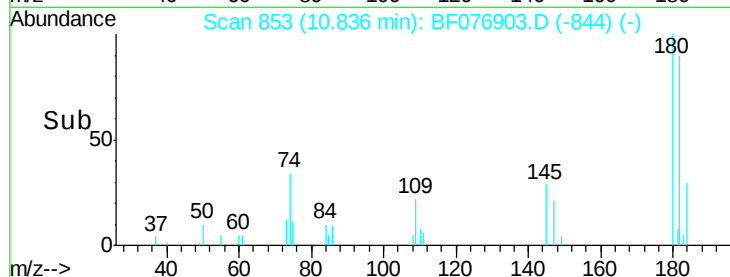
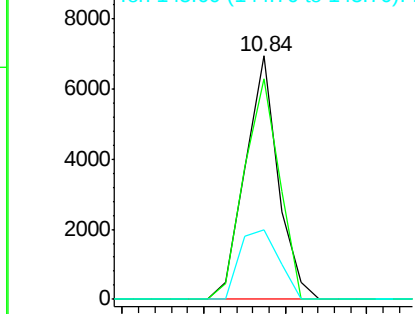
#30
 1,2,4-Trichlorobenzene
 Concen: 3.96 ng
 RT: 10.84 min Scan# 853
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion:180 Resp: 9725
 Ion Ratio Lower Upper
 180 100
 182 90.4 73.6 110.4
 145 28.7 26.6 39.8

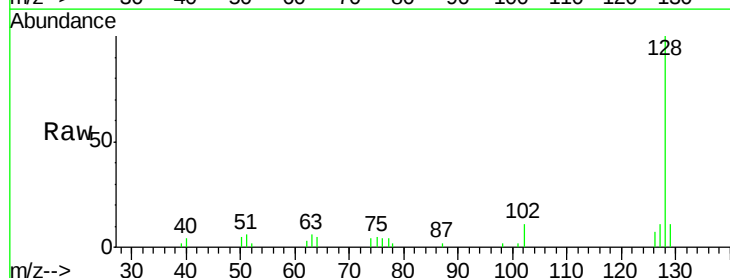


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

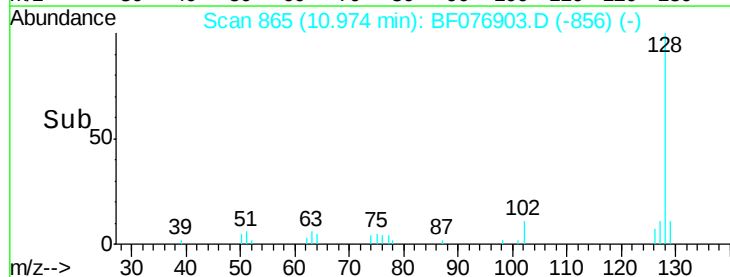
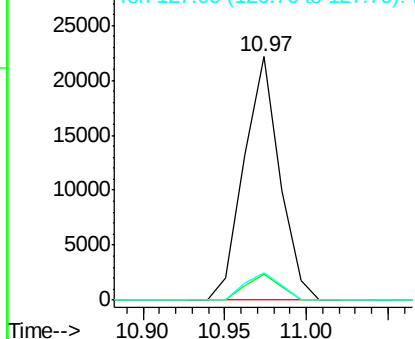


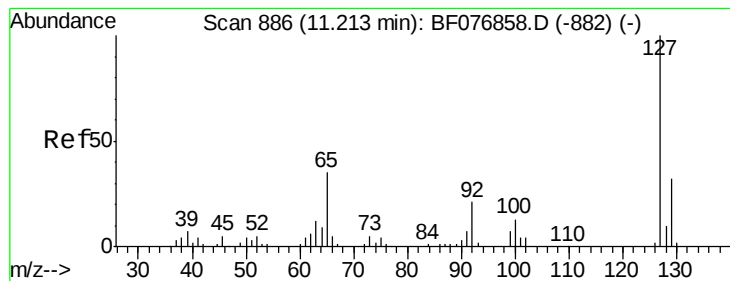
#31
 Naphthalene
 Concen: 3.92 ng
 RT: 10.97 min Scan# 865
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:128 Resp: 33685
 Ion Ratio Lower Upper
 128 100
 129 10.7 9.0 13.6
 127 11.4 10.2 15.2



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: 3.63 ng

RT: 11.21 min Scan# 886

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

Tot Ion:127 Resp: 12618

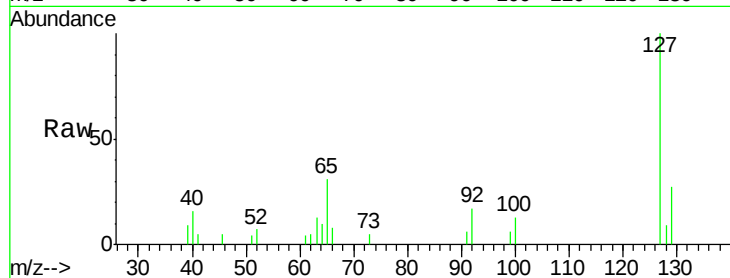
Ion Ratio Lower Upper

127 100

129 26.8 25.3 37.9

65 31.5 27.8 41.6

92 17.2 16.5 24.7

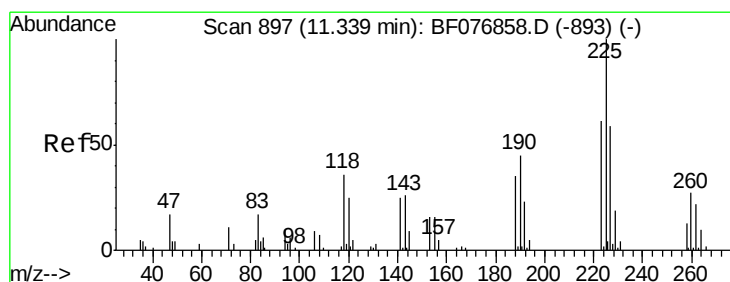
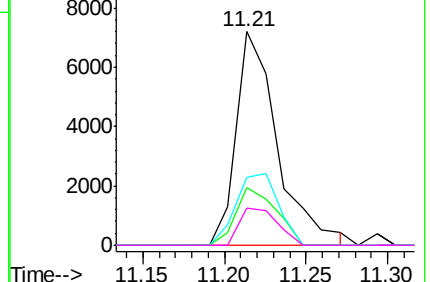
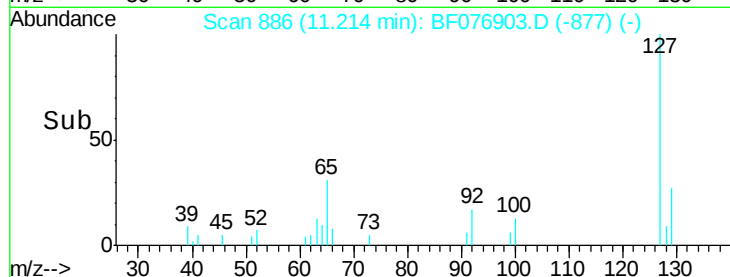


Abundance Ion 127.00 (126.70 to 127.70): E

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: 3.65 ng

RT: 11.34 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

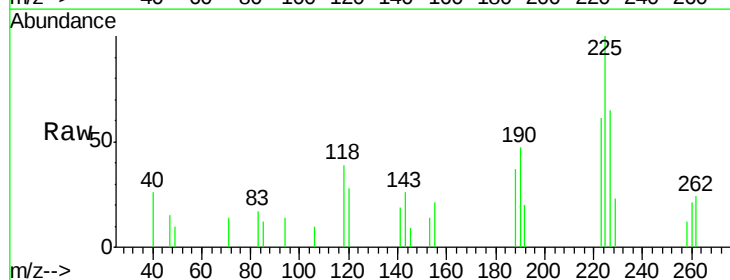
Tgt Ion:225 Resp: 5325

Ion Ratio Lower Upper

225 100

223 60.9 49.1 73.7

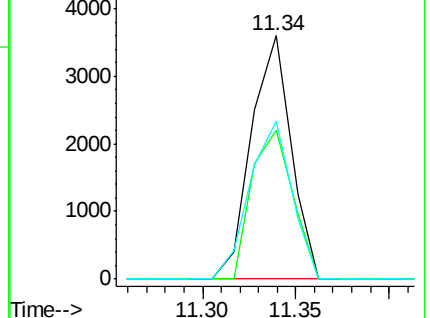
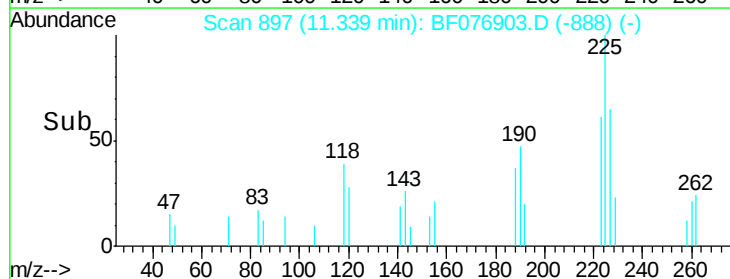
227 64.7 47.5 71.3

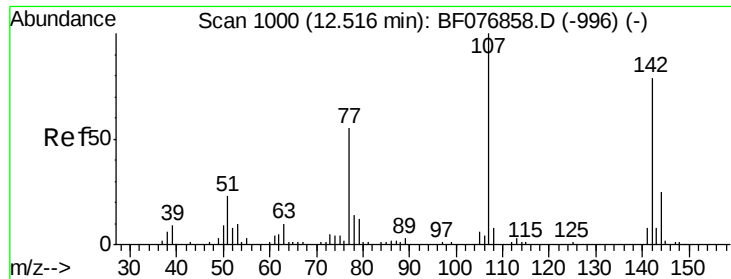


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

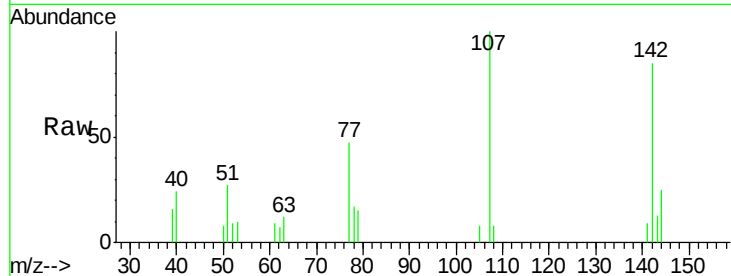




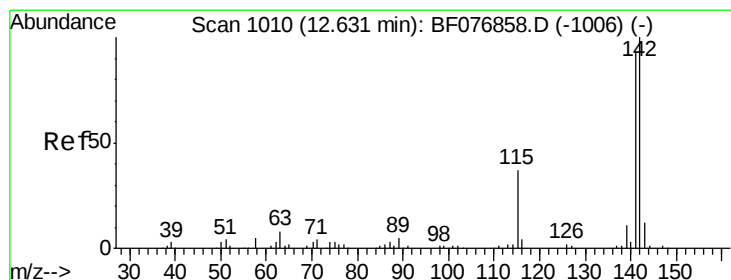
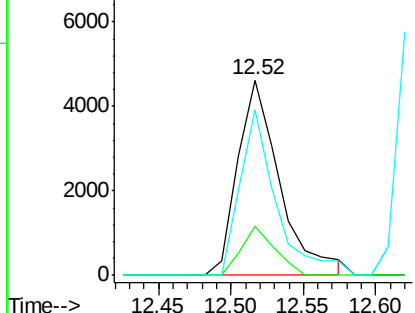
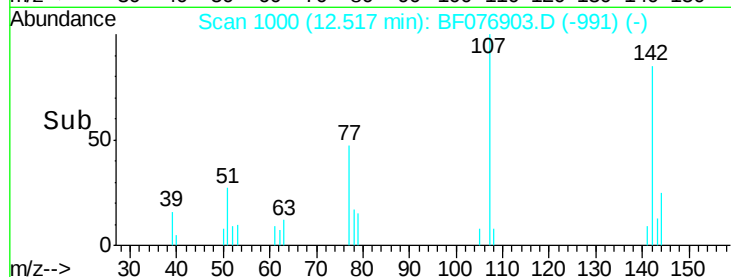
#36
 4-Chloro-3-methylphenol
 Concen: 3.66 ng
 RT: 12.52 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Instrument :
 BNA_F
 ClientSampled :
 SP-3MS

Tot Ion:107 Resp: 9265
 Ion Ratio Lower Upper
 107 100
 144 25.4 20.0 30.0
 142 84.6 63.5 95.3

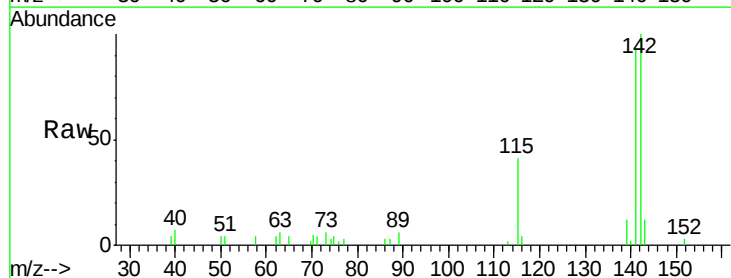


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

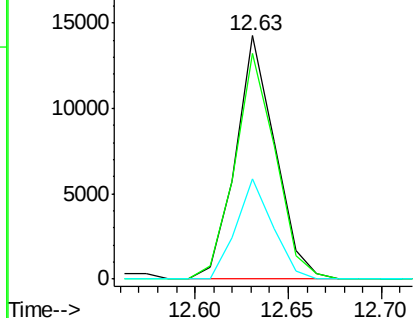
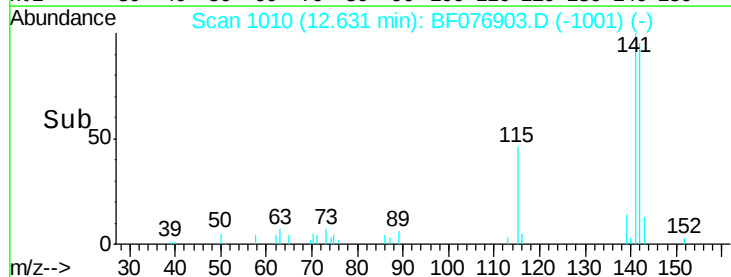


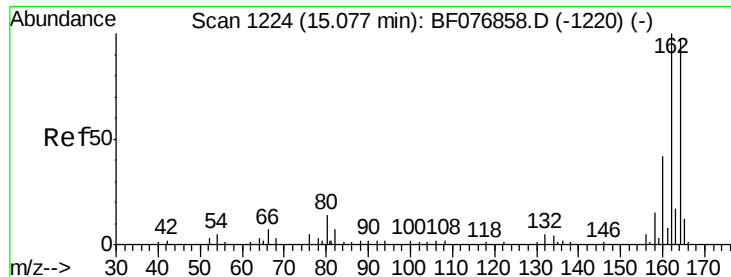
#37
 2-Methylnaphthalene
 Concen: 3.59 ng
 RT: 12.63 min Scan# 1010
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:142 Resp: 21111
 Ion Ratio Lower Upper
 142 100
 141 92.7 74.5 111.7
 115 41.4 29.7 44.5



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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.07 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

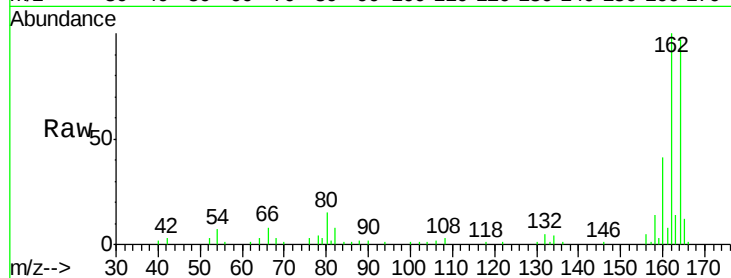
Tot Ion:164 Resp: 90506

Ion Ratio Lower Upper

164 100

162 103.3 82.4 123.6

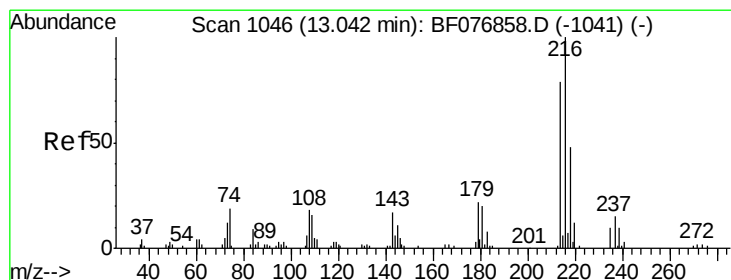
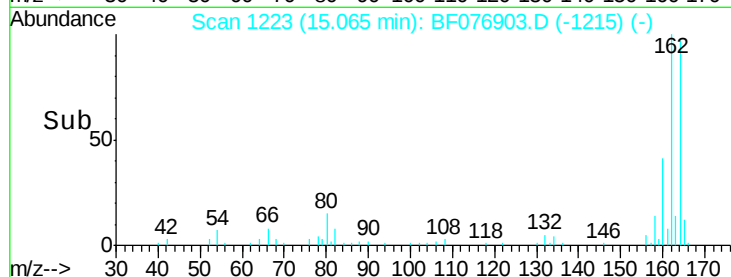
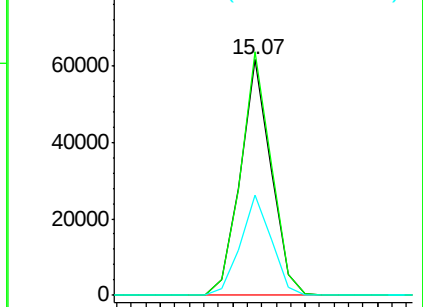
160 42.4 34.8 52.2



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: 4.05 ng

RT: 13.03 min Scan# 1045

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Tgt Ion:216 Resp: 9070

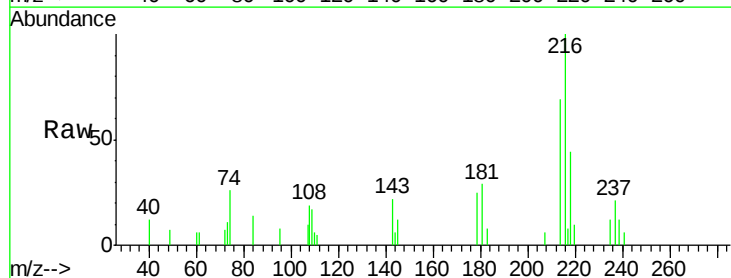
Ion Ratio Lower Upper

216 100

214 74.3 64.9 97.3

179 23.8 18.6 28.0

108 18.4 18.1 27.1

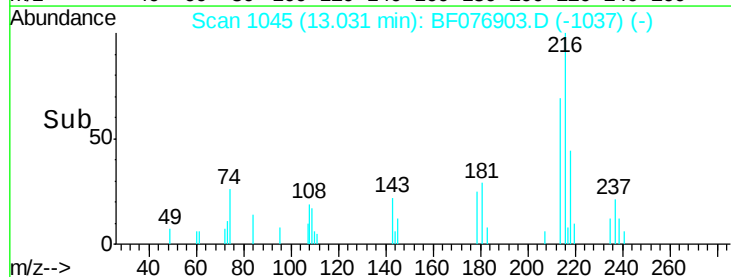
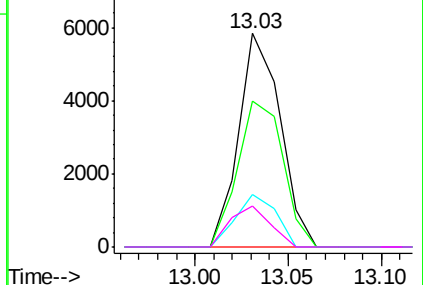


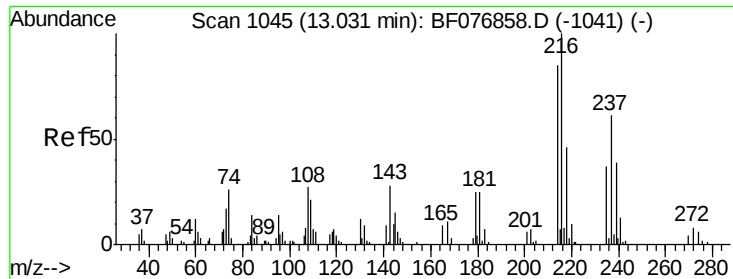
Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.27 ng

RT: 13.02 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

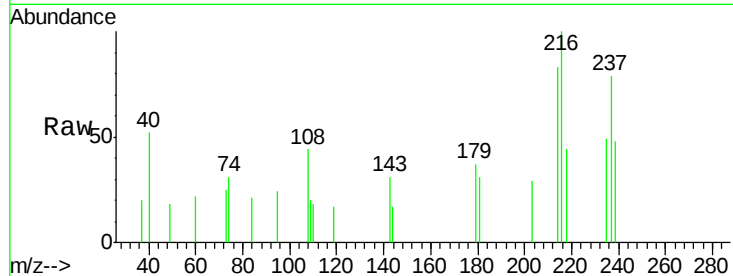
Tot Ion:237 Resp: 2159

Ion Ratio Lower Upper

237 100

235 62.2 40.4 80.4

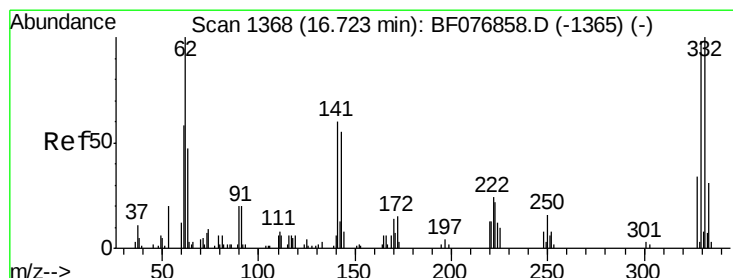
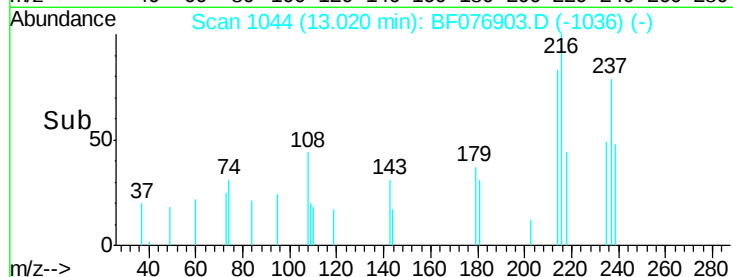
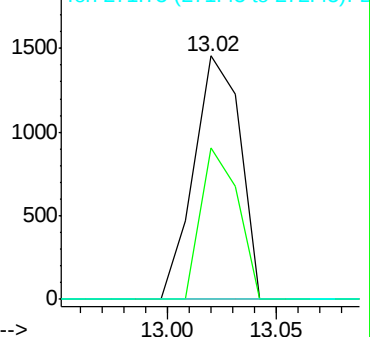
272 0.0 0.0 33.2



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: 11.15 ng

RT: 16.72 min Scan# 1368

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

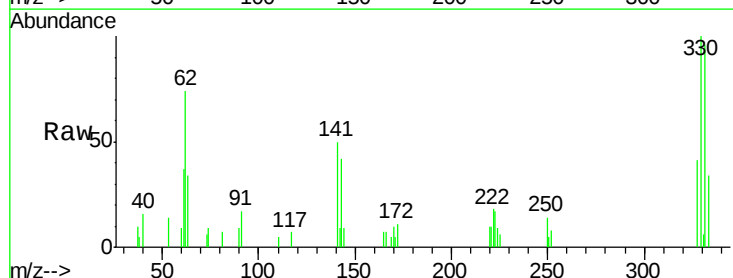
Tgt Ion:330 Resp: 8190

Ion Ratio Lower Upper

330 100

332 92.6 77.8 116.6

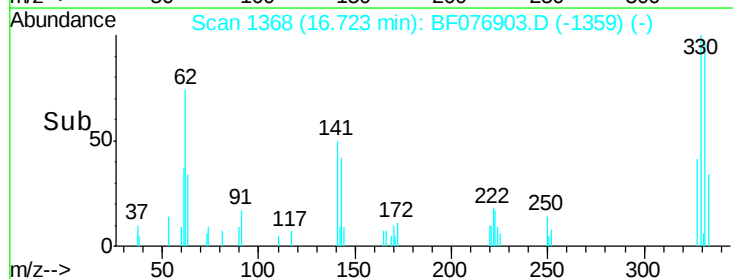
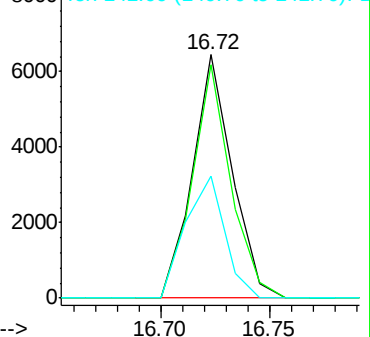
141 49.3 38.5 57.7

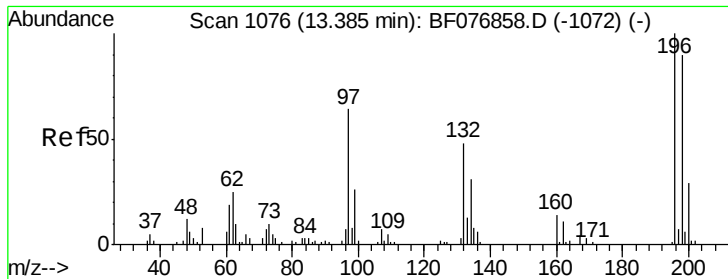


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

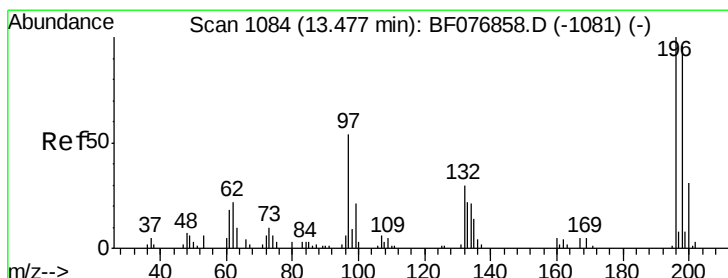
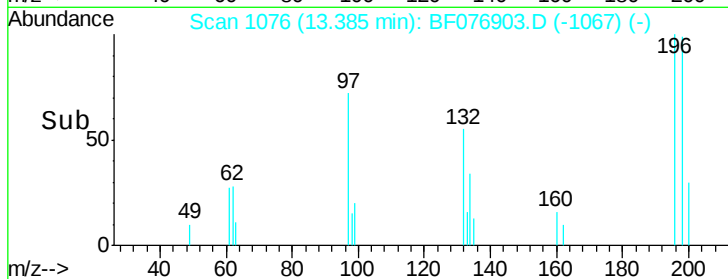
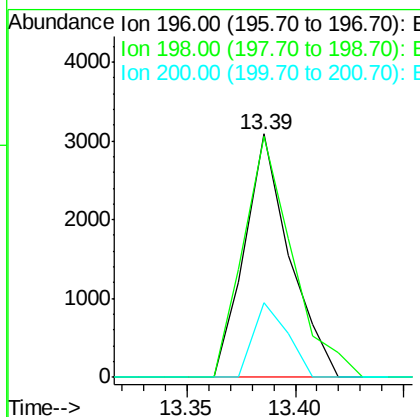
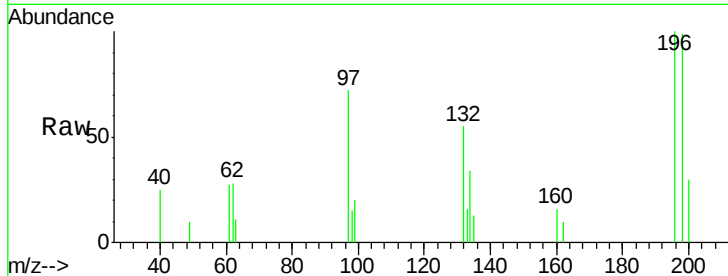




#42
 2,4,6-Trichlorophenol
 Concen: 2.74 ng
 RT: 13.39 min Scan# 1076
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

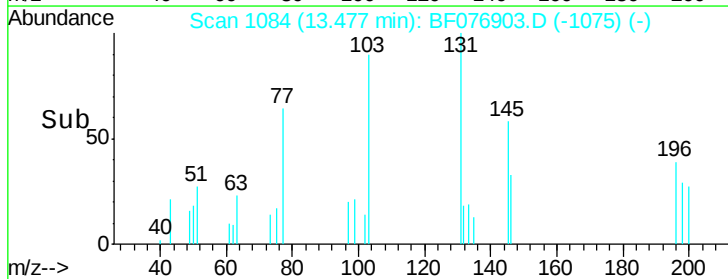
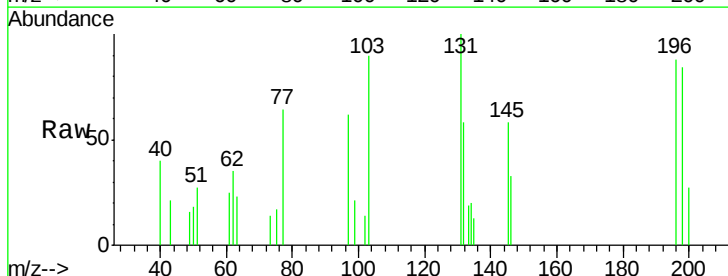
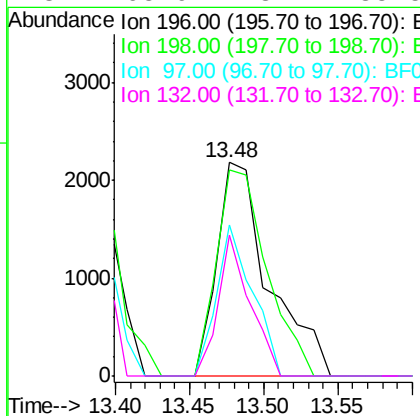
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

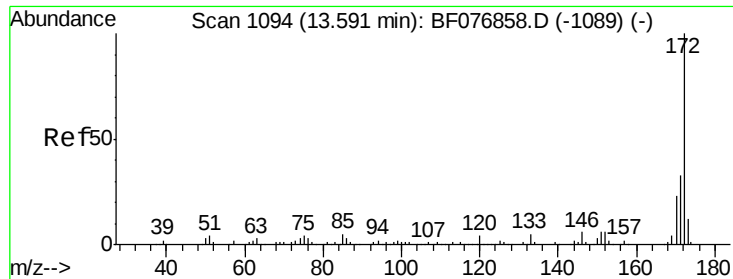
Tot Ion:196 Resp: 4466
 Ion Ratio Lower Upper
 196 100
 198 98.8 72.0 108.0
 200 30.4 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 3.24 ng m
 RT: 13.48 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:196 Resp: 5385
 Ion Ratio Lower Upper
 196 100
 198 96.3 76.6 115.0
 97 70.5 43.4 65.0#
 132 65.9 23.7 35.5#

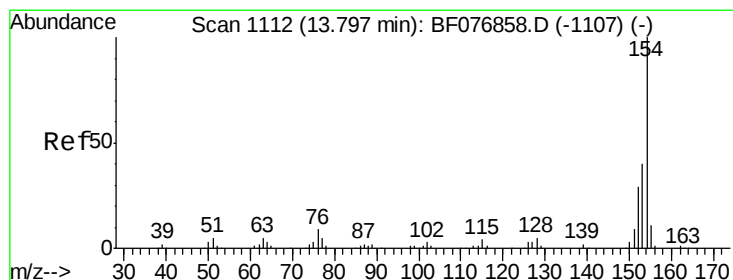
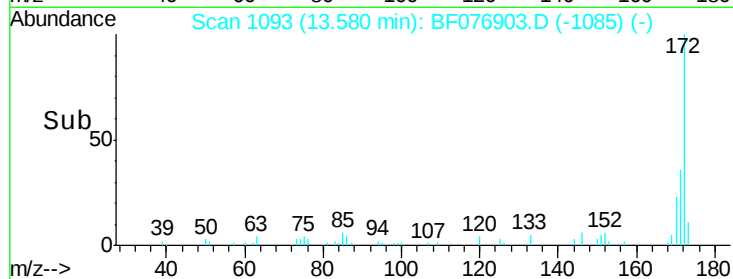
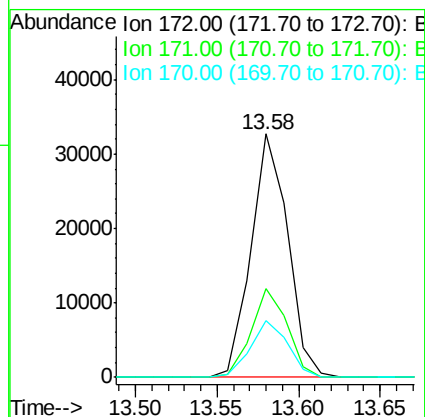
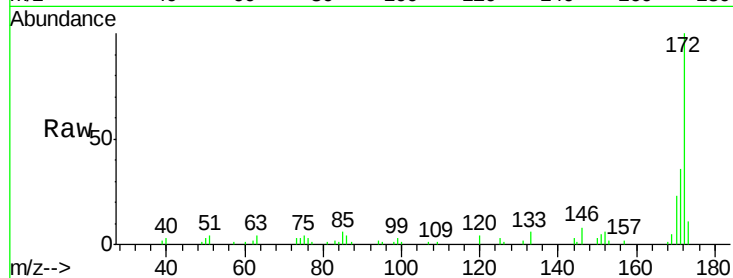




#44
2-Fluorobiphenyl
Concen: 8.62 ng
RT: 13.58 min Scan# 1093
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

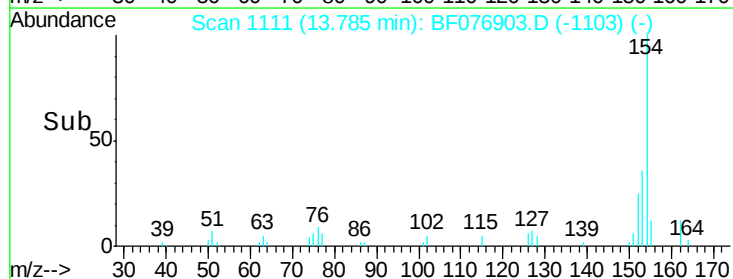
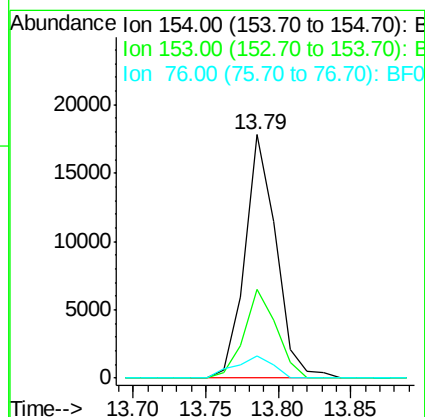
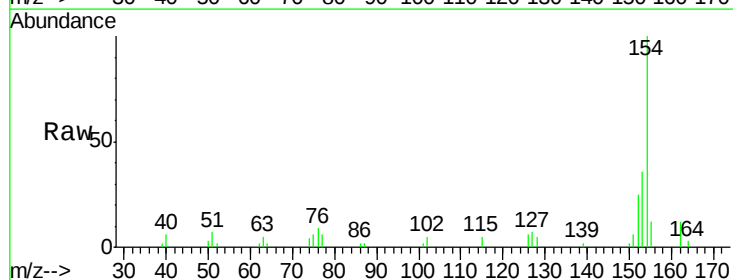
Instrument :
BNA_F
ClientSampleId :
SP-3MS

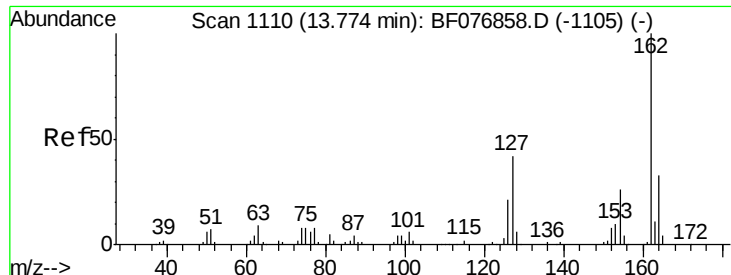
Tot Ion:172 Resp: 51272
Ion Ratio Lower Upper
172 100
171 36.2 26.6 40.0
170 23.3 18.0 27.0



#45
1,1'-Biphenyl
Concen: 3.96 ng
RT: 13.79 min Scan# 1111
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:154 Resp: 26589
Ion Ratio Lower Upper
154 100
153 36.4 20.2 60.2
76 9.1 0.0 29.0

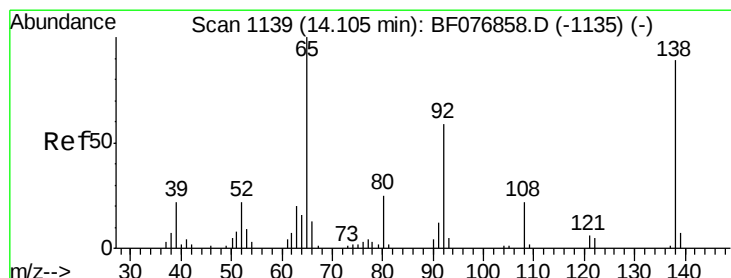
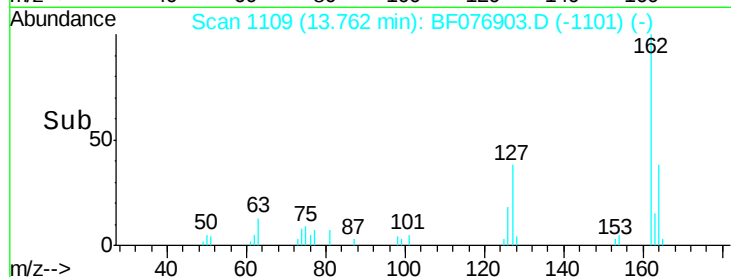
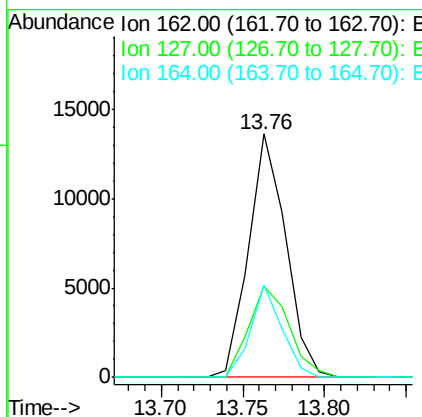
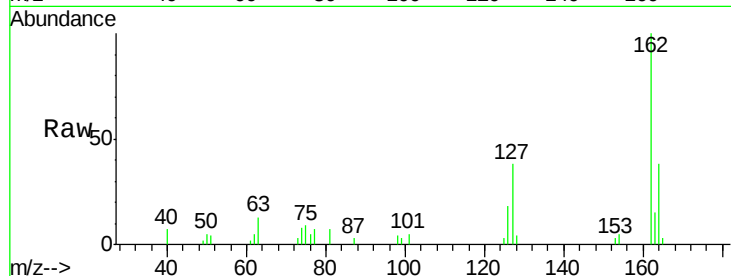




#46
2-Chloronaphthalene
Concen: 3.91 ng
RT: 13.76 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

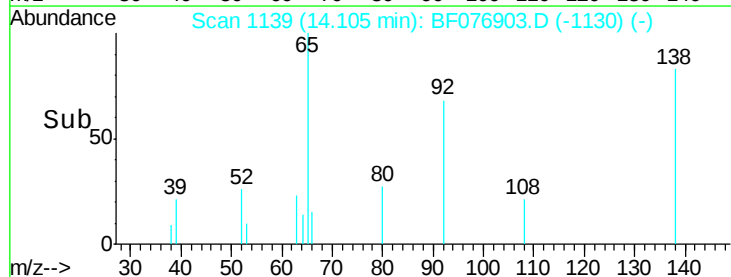
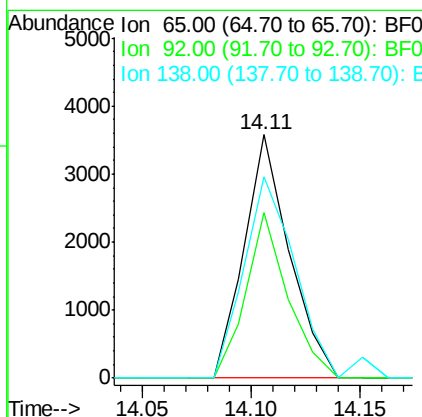
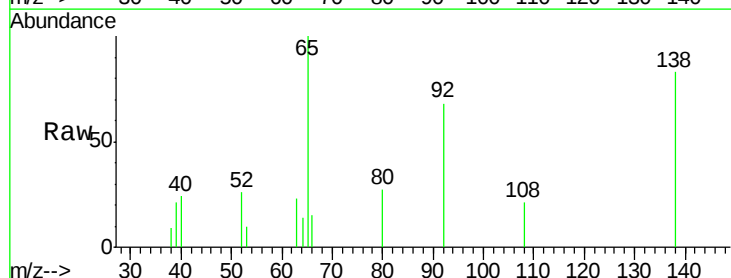
Instrument :
BNA_F
ClientSampleId :
SP-3MS

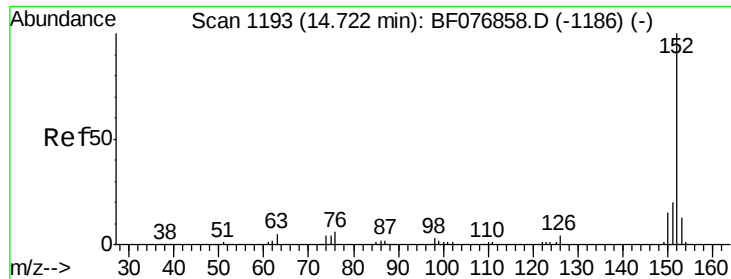
Tot Ion:162 Resp: 21594
Ion Ratio Lower Upper
162 100
127 37.8 33.8 50.6
164 37.9 26.8 40.2



#47
2-Nitroaniline
Concen: 3.12 ng
RT: 14.11 min Scan# 1139
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion: 65 Resp: 5221
Ion Ratio Lower Upper
65 100
92 67.9 47.3 70.9
138 82.9 71.4 107.2





#48

Acenaphthylene

Concen: 3.60 ng

RT: 14.71 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

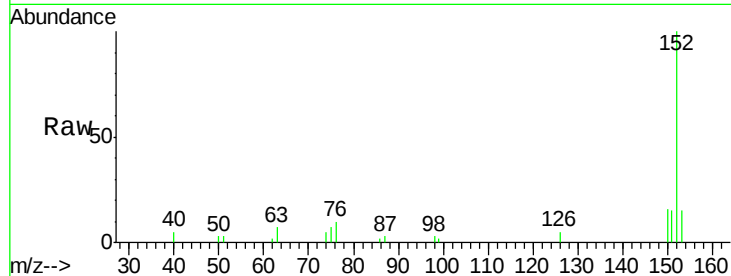
Tot Ion:152 Resp: 33525

Ion Ratio Lower Upper

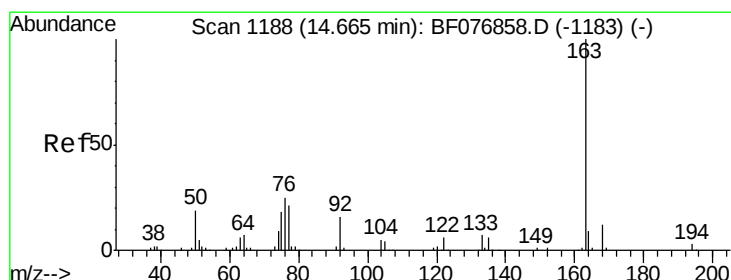
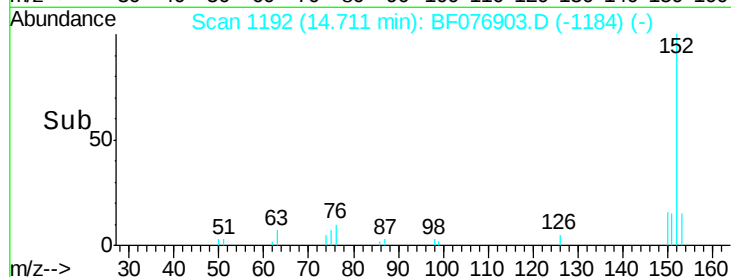
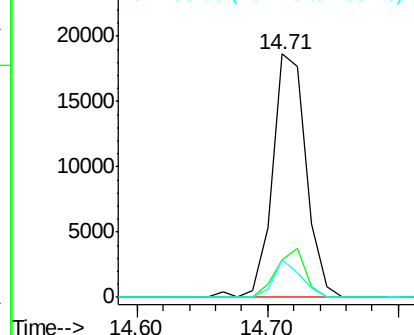
152 100

151 15.2 15.9 23.9#

153 15.3 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.93 ng

RT: 14.64 min Scan# 1186

Delta R.T. -0.02 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

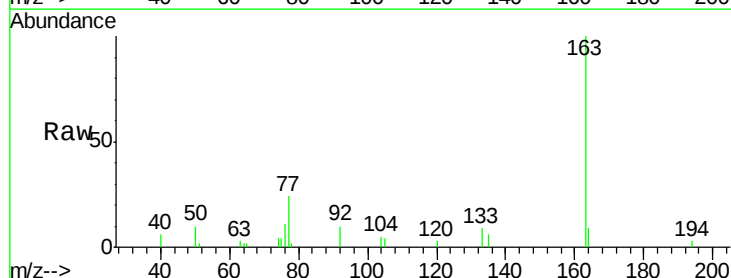
Tgt Ion:163 Resp: 25215

Ion Ratio Lower Upper

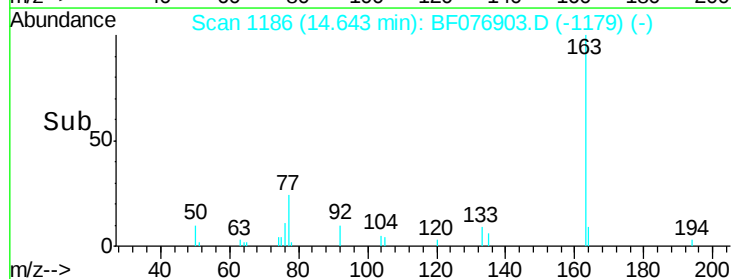
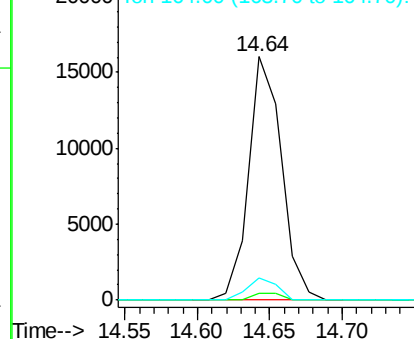
163 100

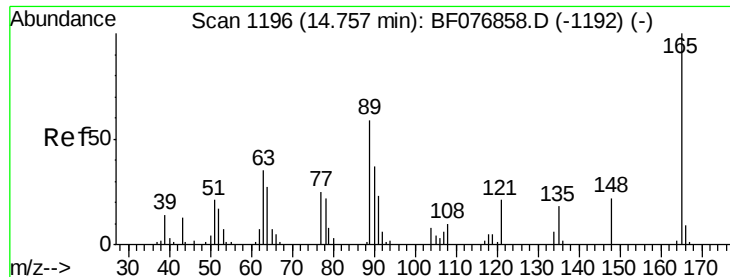
194 3.0 2.6 4.0

164 9.3 7.5 11.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

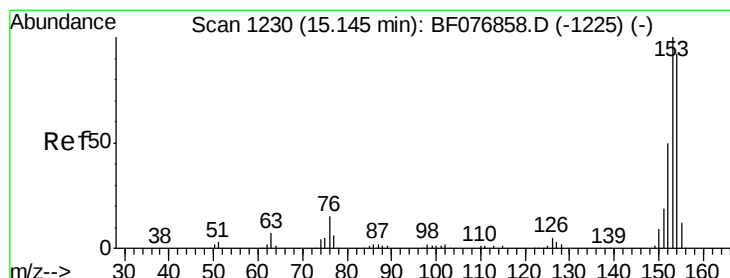
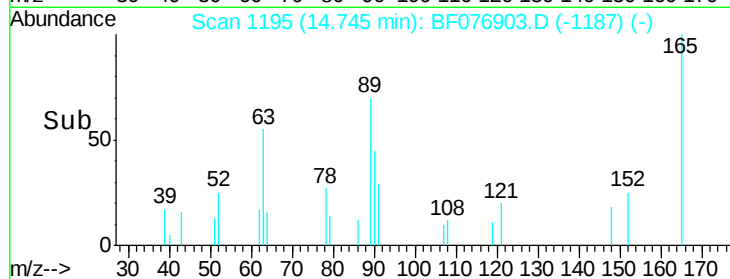
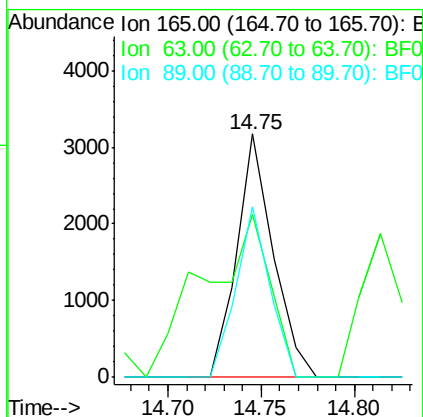
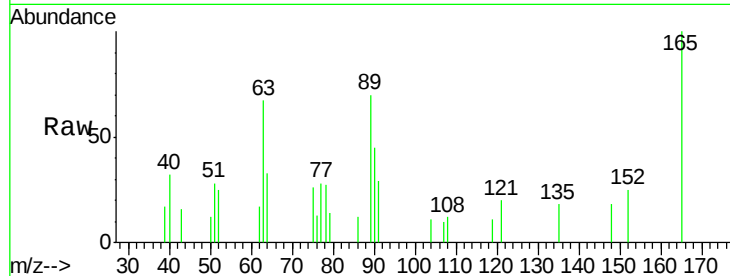




#50
 2,6-Dinitrotoluene
 Concen: 3.36 ng
 RT: 14.75 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

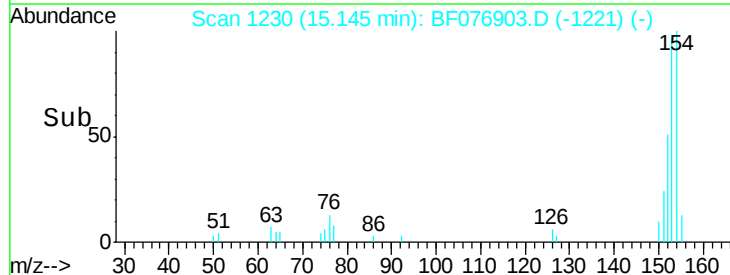
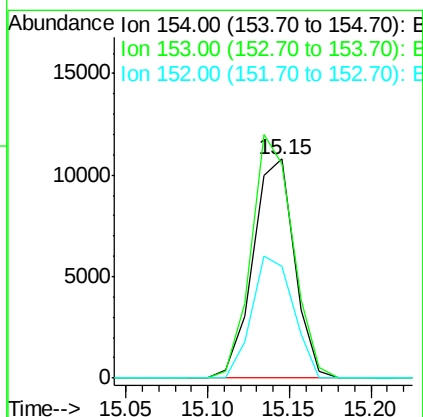
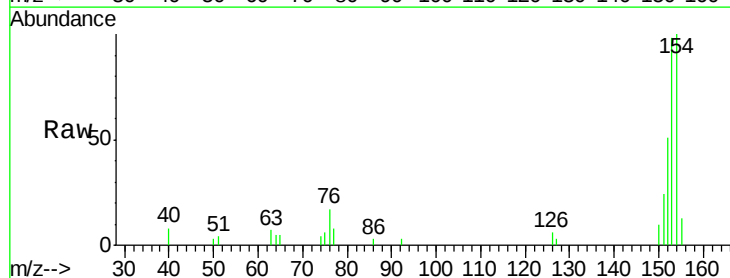
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

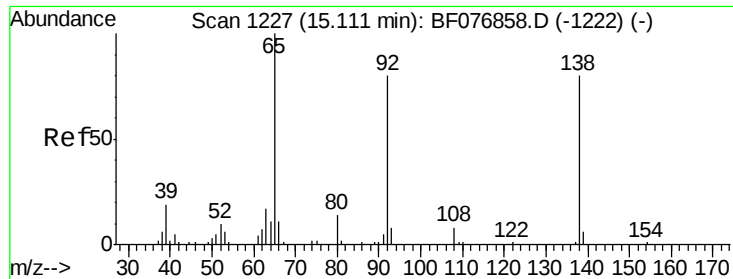
Tot Ion:165 Resp: 4311
 Ion Ratio Lower Upper
 165 100
 63 67.2 48.1 72.1
 89 69.9 47.2 70.8



#51
 Acenaphthene
 Concen: 3.62 ng
 RT: 15.15 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:154 Resp: 19154
 Ion Ratio Lower Upper
 154 100
 153 97.7 87.0 130.6
 152 51.1 43.5 65.3

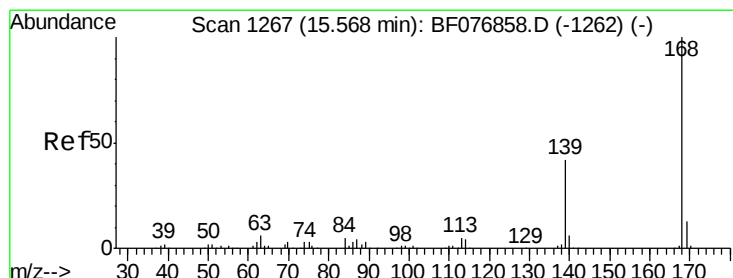
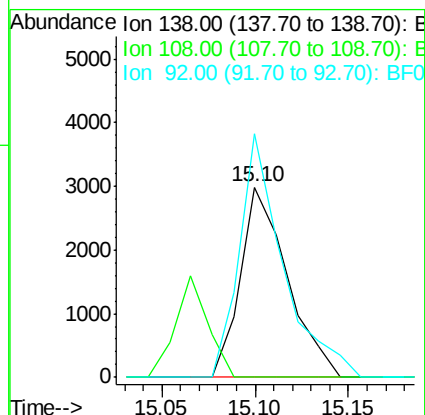
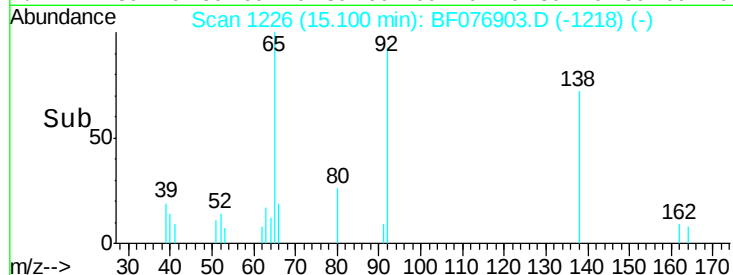
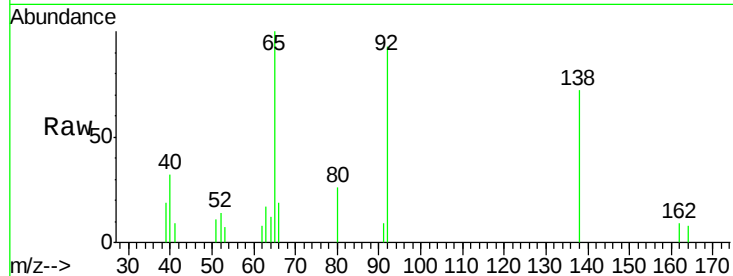




#52
 3-Nitroaniline
 Concen: 4.83 ng
 RT: 15.10 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

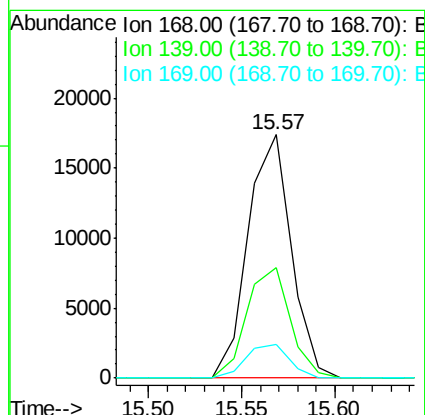
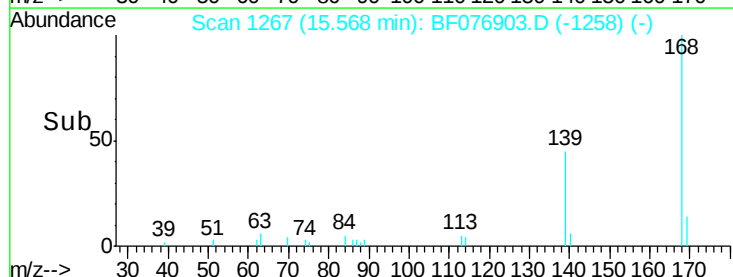
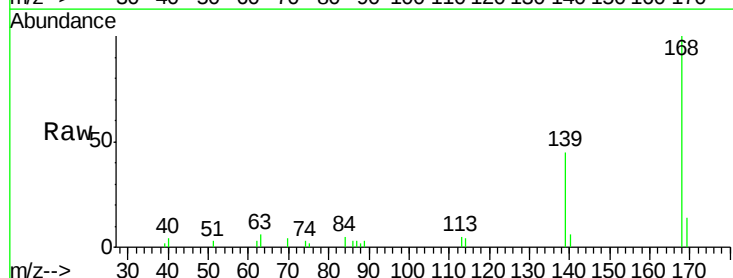
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

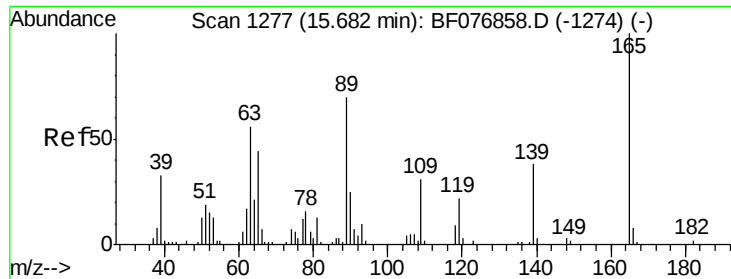
Tot Ion:138 Resp: 5241
 Ion Ratio Lower Upper
 138 100
 108 0.0 8.3 12.5#
 92 128.2 80.9 121.3#



#54
 Dibenzofuran
 Concen: 3.63 ng
 RT: 15.57 min Scan# 1267
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:168 Resp: 27958
 Ion Ratio Lower Upper
 168 100
 139 45.1 33.4 50.2
 169 14.0 10.6 15.8

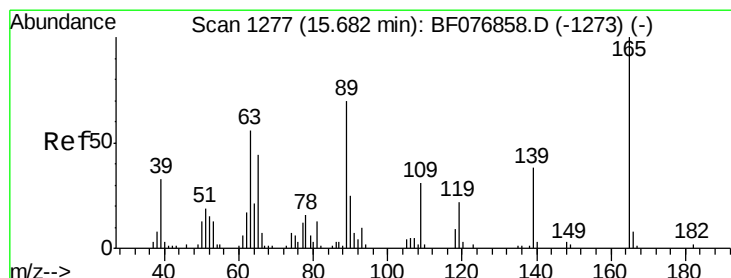
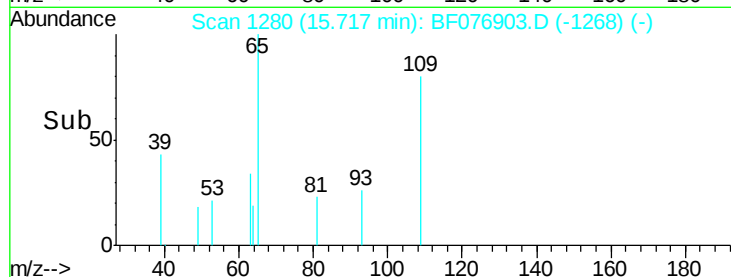
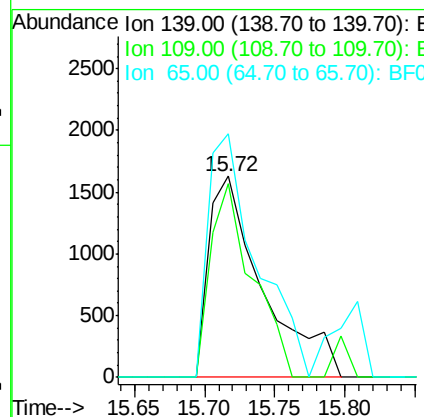
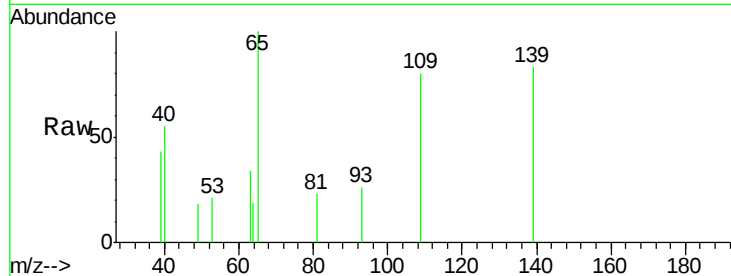




#55
4-Nitrophenol
Concen: 4.36 ng/mL
RT: 15.72 min Scan# 1280
Delta R.T. 0.03 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

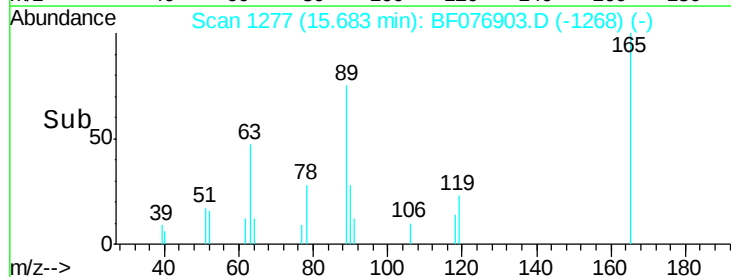
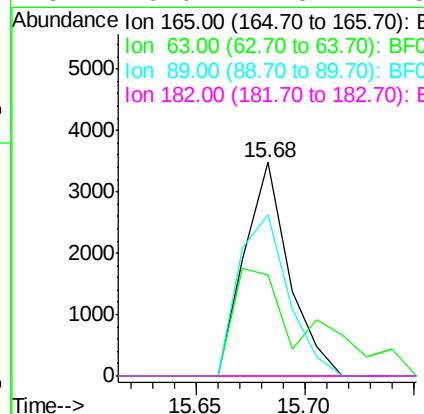
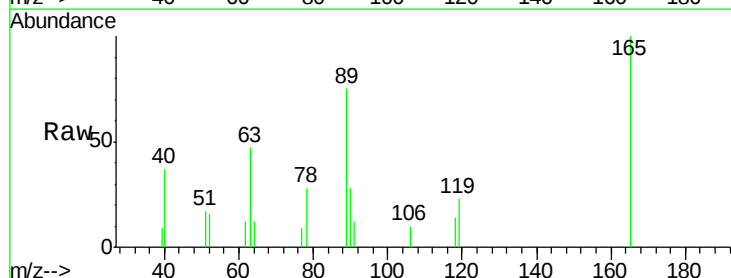
Instrument :
BNA_F
ClientSampleId :
SP-3MS

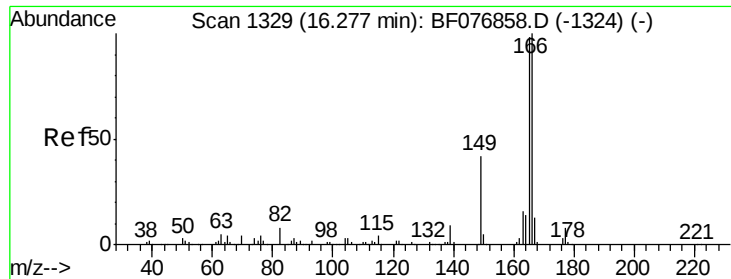
Tot Ion:139 Resp: 4383
Ion Ratio Lower Upper
139 100
109 96.5 61.0 101.0
65 121.1 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 4.58 ng/mL
RT: 15.68 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:165 Resp: 4959
Ion Ratio Lower Upper
165 100
63 47.1 44.8 67.2
89 75.3 56.2 84.2
182 0.0 1.5 2.3#

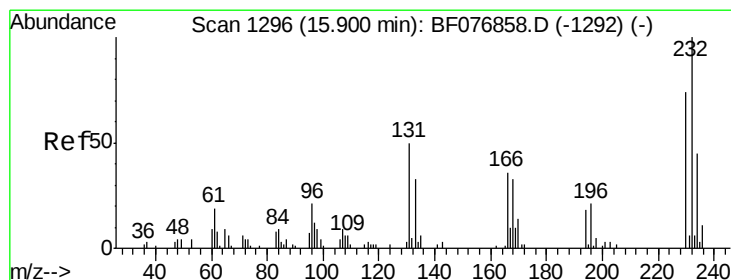
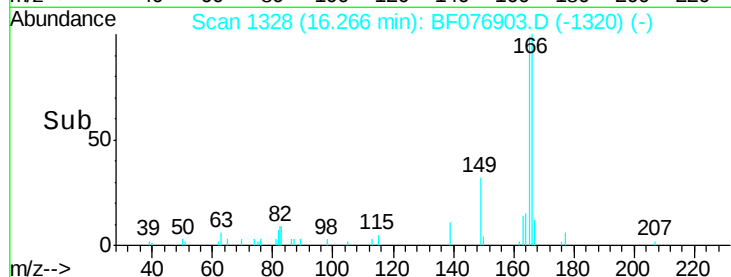
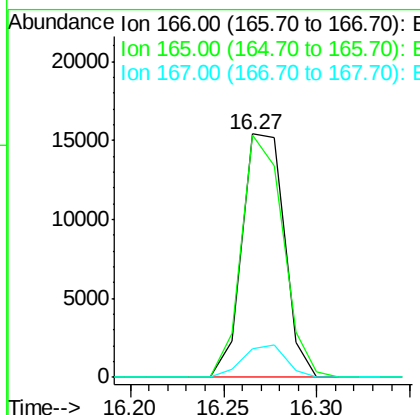
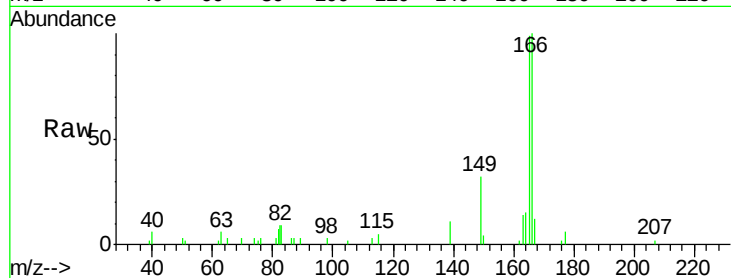




#57
 Fluorene
 Concen: 3.70 ng
 RT: 16.27 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

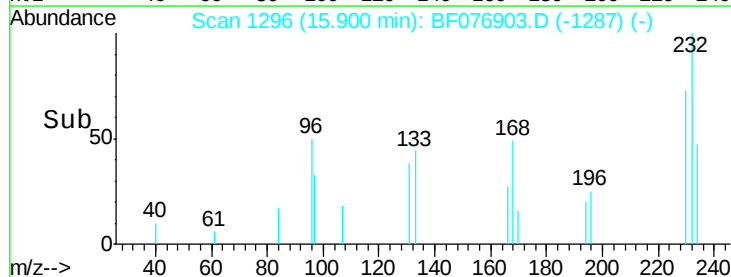
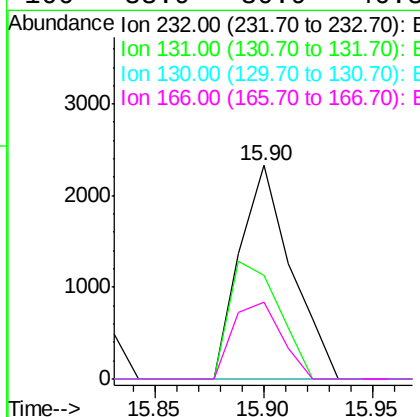
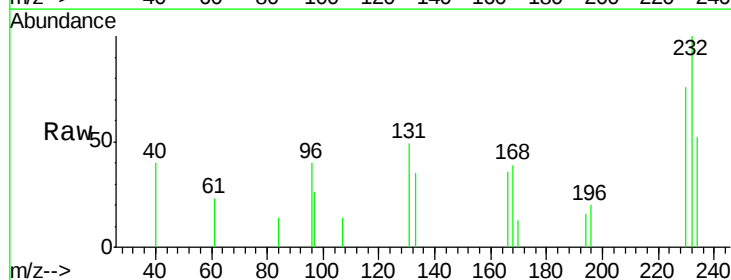
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

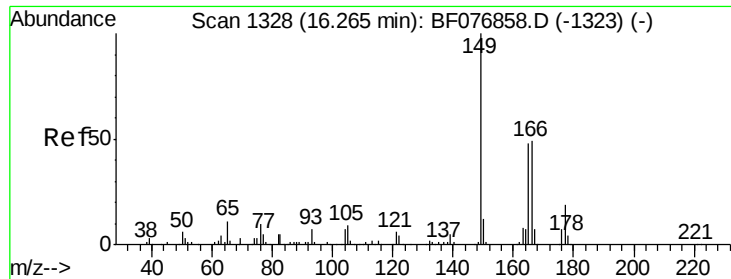
Tot Ion:166 Resp: 24101
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 11.6 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.17 ng
 RT: 15.90 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:232 Resp: 3841
 Ion Ratio Lower Upper
 232 100
 131 53.4 45.0 67.6
 130 0.0 2.6 3.8#
 166 33.9 30.9 46.3

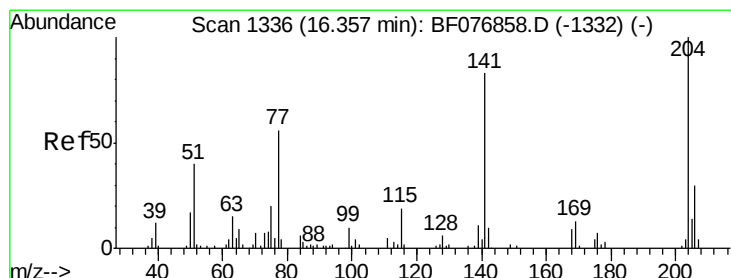
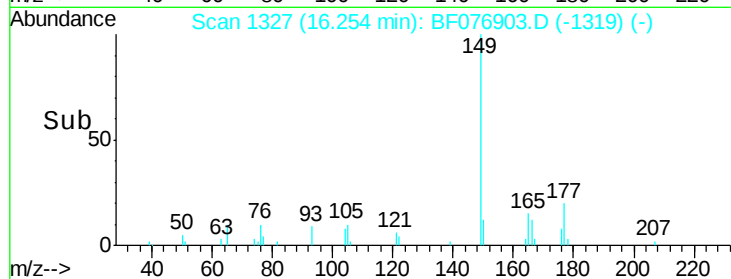
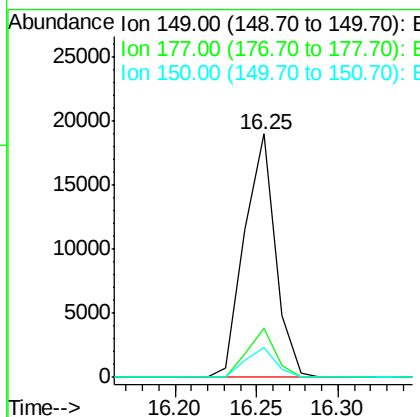
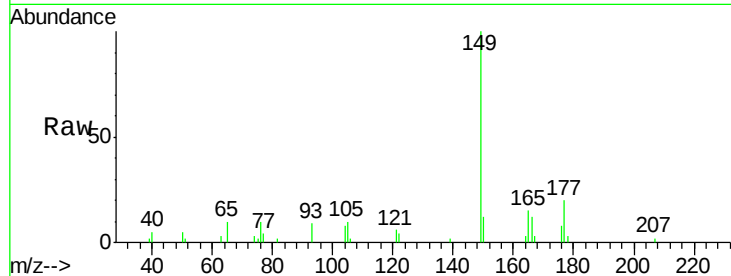




#59
Diethylphthalate
Concen: 3.86 ng
RT: 16.25 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

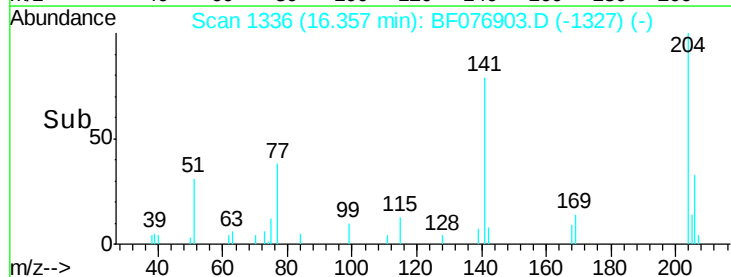
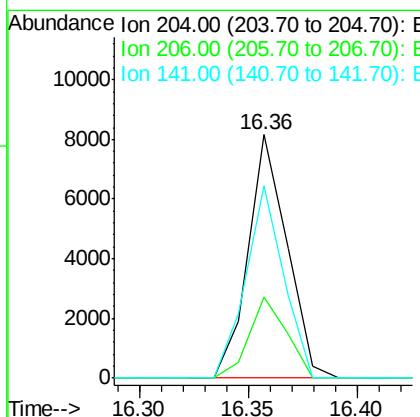
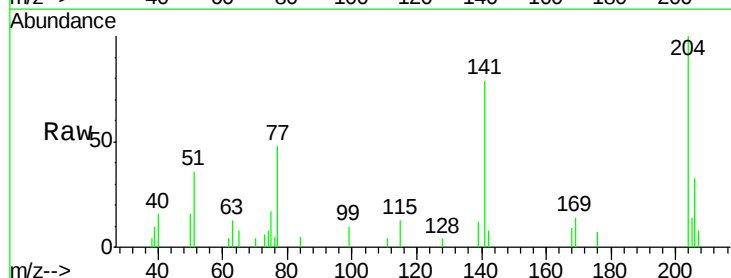
Instrument :
BNA_F
ClientSampleId :
SP-3MS

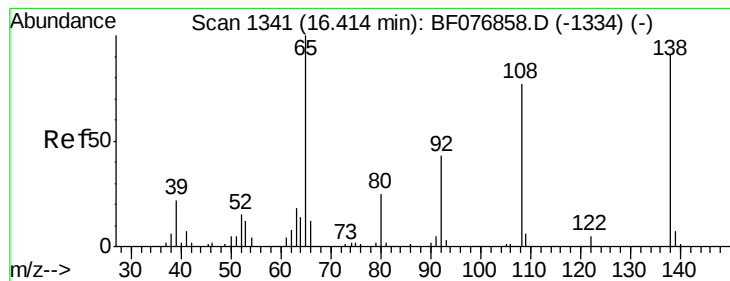
Tot Ion:149 Resp: 25035
Ion Ratio Lower Upper
149 100
177 20.0 15.0 22.6
150 12.4 9.4 14.0



#60
4-Chlorophenyl-phenylether
Concen: 3.80 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:204 Resp: 10146
Ion Ratio Lower Upper
204 100
206 33.5 24.2 36.2
141 79.3 66.7 100.1





#61

4-Nitroaniline

Concen: 4.04 ng

RT: 16.39 min Scan# 1339

Delta R.T. -0.02 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

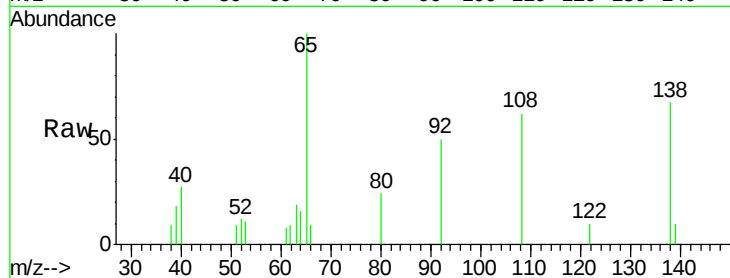
Tot Ion:138 Resp: 4352

Ion Ratio Lower Upper

138 100

92 74.9 26.7 66.7#

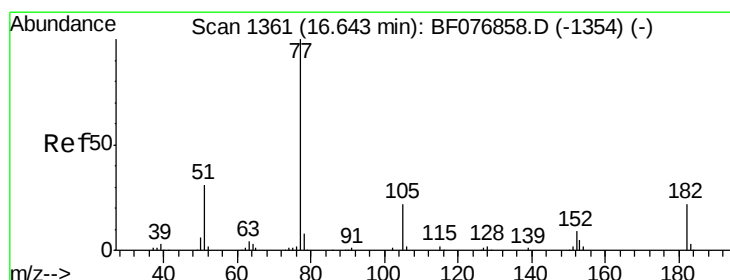
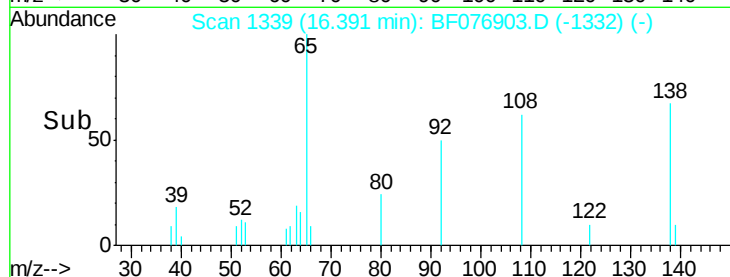
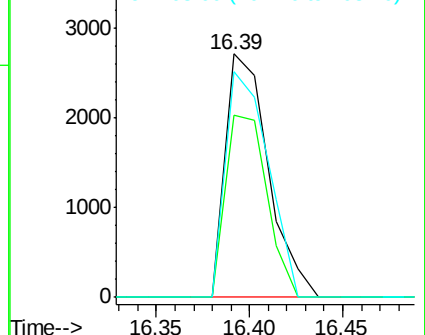
108 92.5 64.5 104.5



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: 3.29 ng

RT: 16.63 min Scan# 1360

Delta R.T. -0.01 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Tgt Ion: 77 Resp: 22219

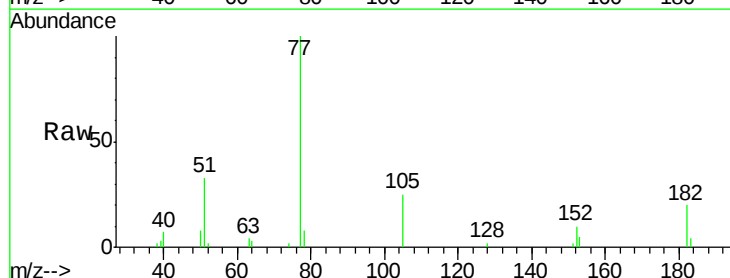
Ion Ratio Lower Upper

77 100

182 20.4 2.0 42.0

105 25.3 2.3 42.3

51 33.0 10.7 50.7

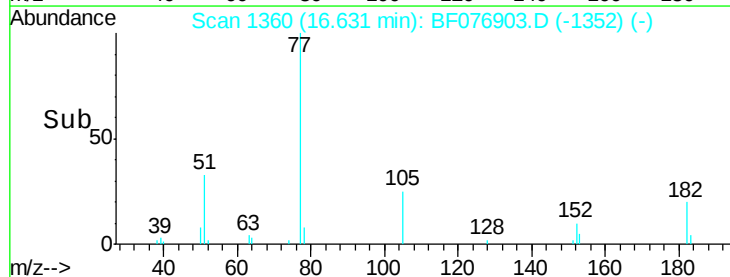
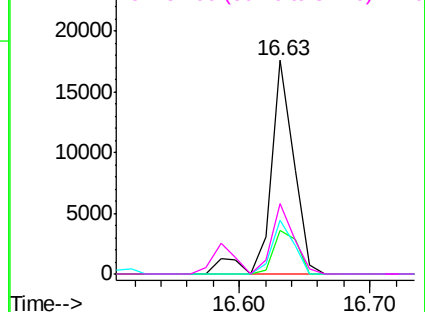


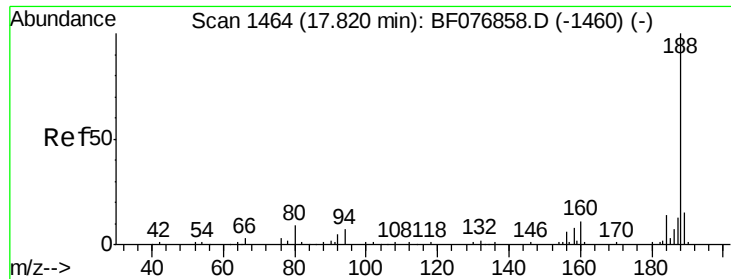
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

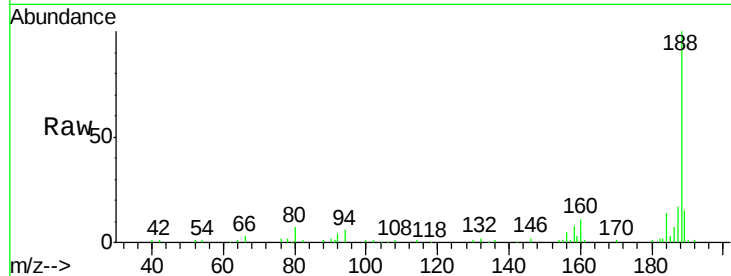




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 1464
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

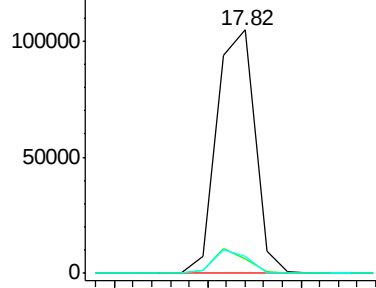
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.0	9.0#
80	6.9	6.9	10.3



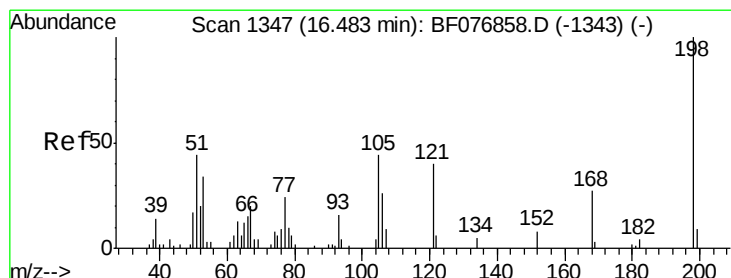
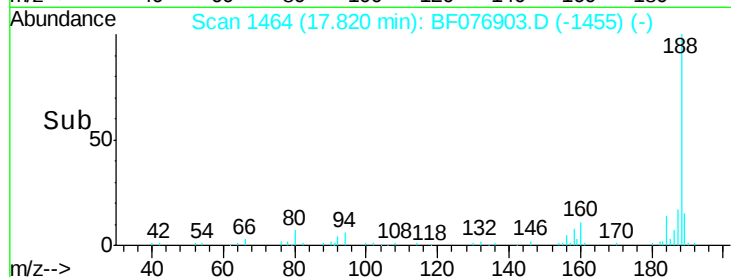
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

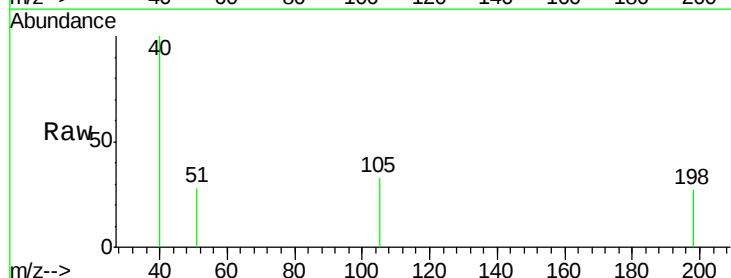


Time-->



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.53 ng
 RT: 16.48 min Scan# 1347
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

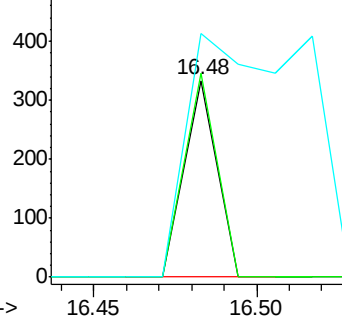
Tgt Ion	Ratio	Lower	Upper
198	100		
51	103.9	24.2	64.2#
105	124.0	24.0	64.0#



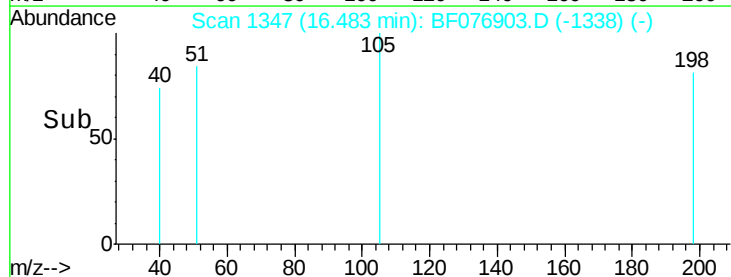
Abundance Ion 198.00 (197.70 to 198.70): E

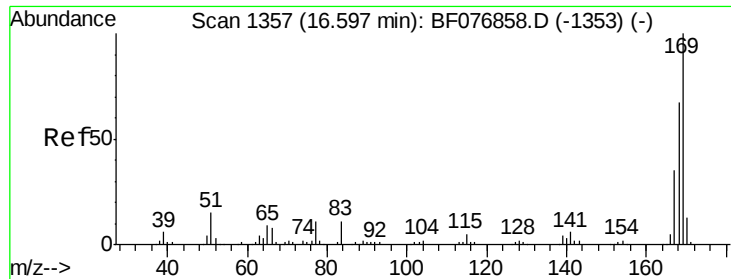
Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



Time-->

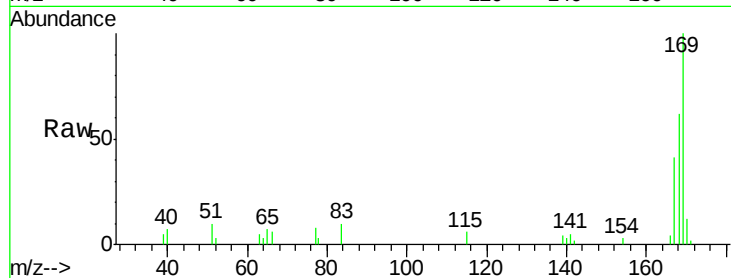




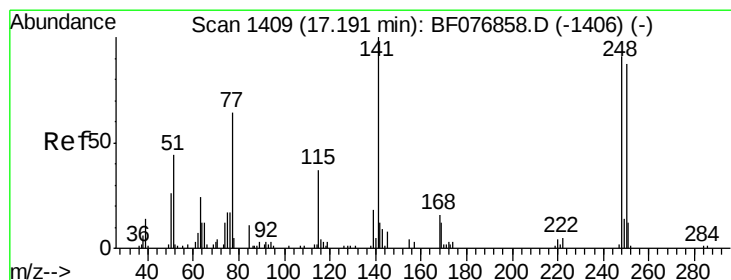
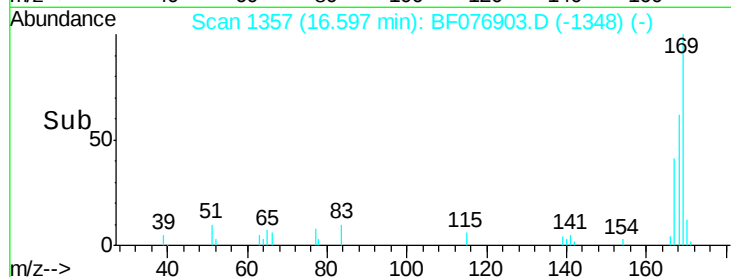
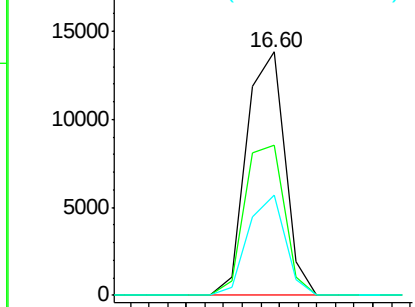
#65
 n-Nitrosodiphenylamine
 Concen: 3.73 ng
 RT: 16.60 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

Tot Ion	Ratio	Lower	Upper
169	100		
168	61.8	53.8	80.6
167	41.2	27.8	41.6

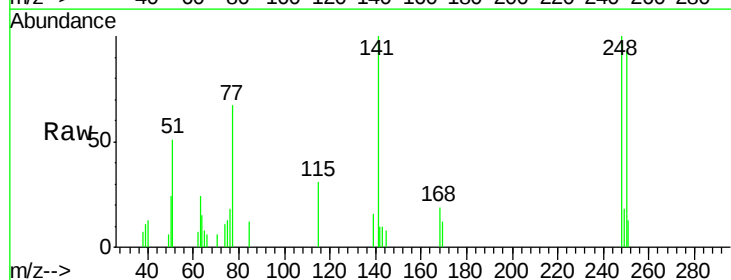


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

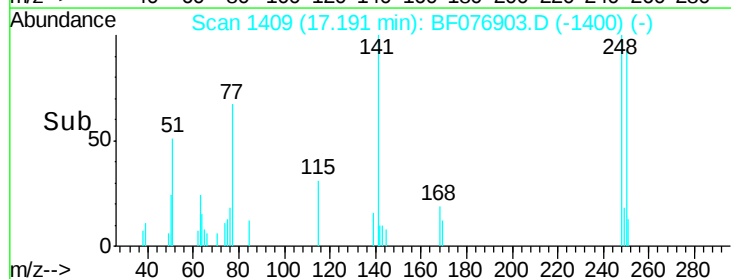
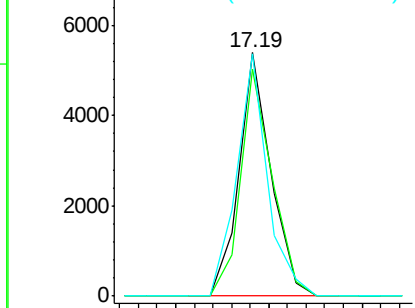


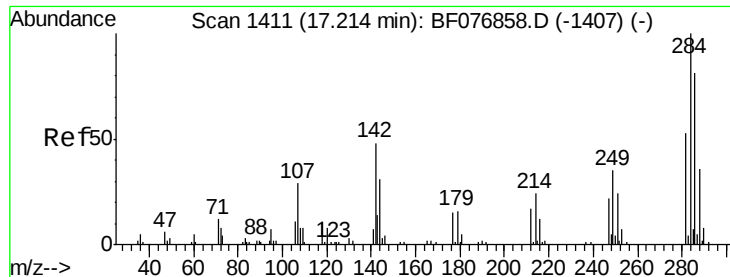
#66
 4-Bromophenyl-phenylether
 Concen: 4.29 ng
 RT: 17.19 min Scan# 1409
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	77.1	115.7
141	99.6	88.2	132.4



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

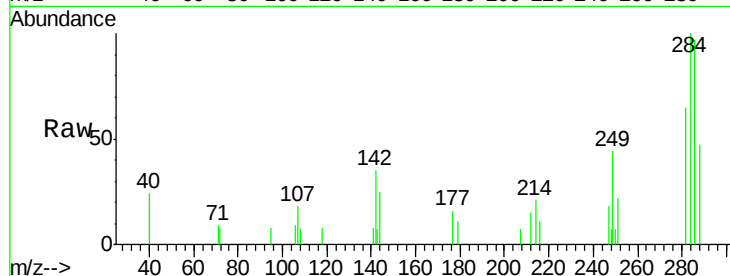




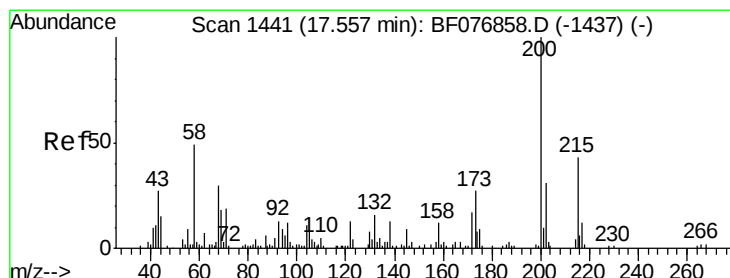
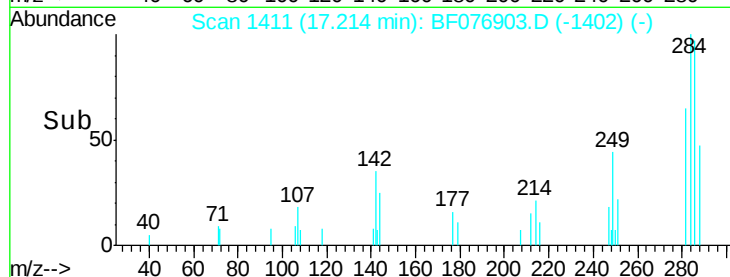
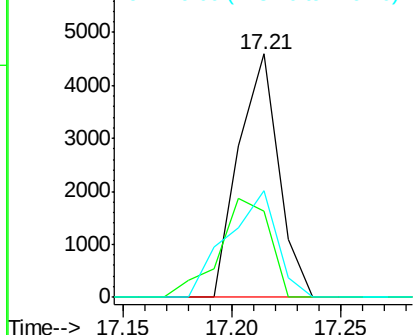
#67
Hexachlorobenzene
Concen: 3.71 ng
RT: 17.21 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion:284 Resp: 5866
Ion Ratio Lower Upper
284 100
142 35.4 38.2 57.4#
249 43.5 28.2 42.2#

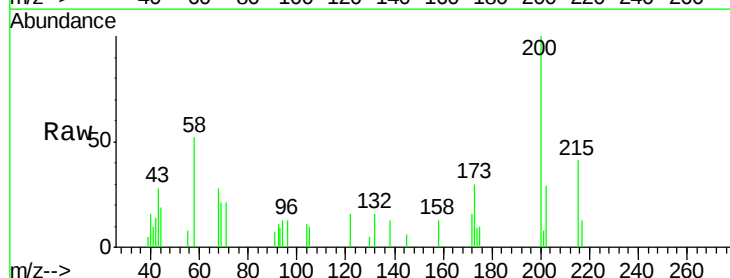


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

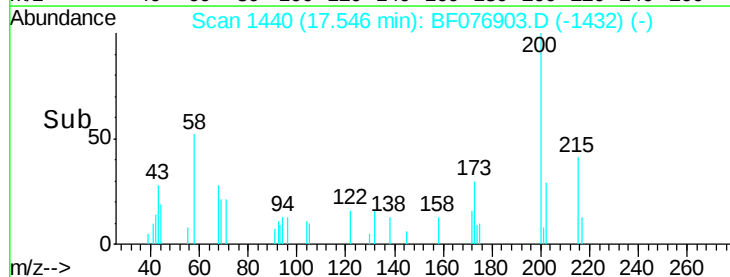
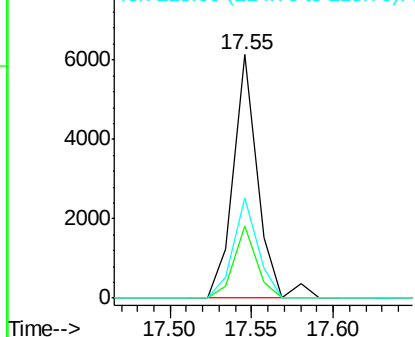


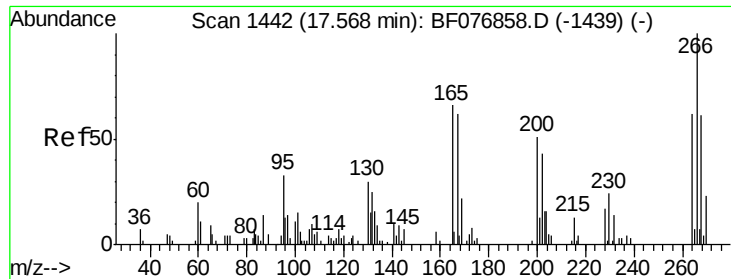
#68
Atrazine
Concen: 3.97 ng
RT: 17.55 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:200 Resp: 6355
Ion Ratio Lower Upper
200 100
173 29.8 6.6 46.6
215 41.2 22.9 62.9



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

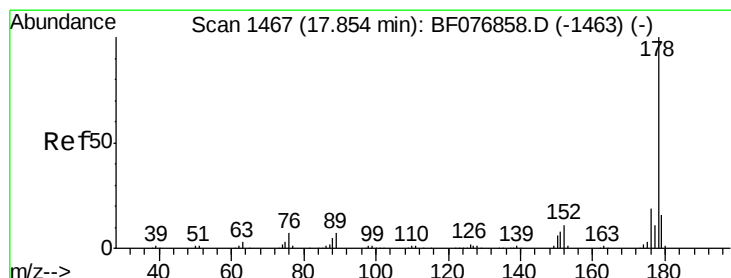
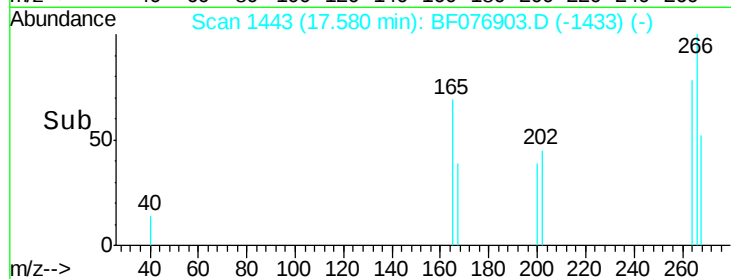
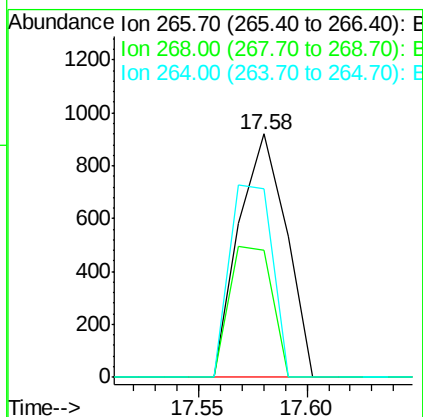
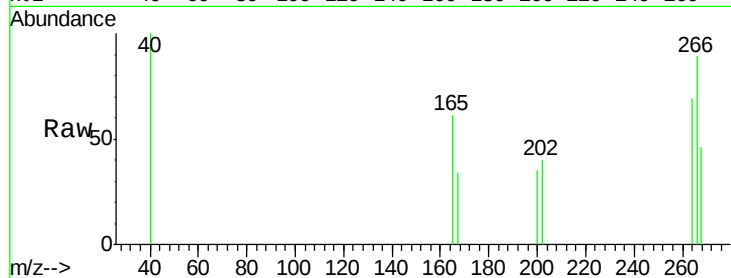




#69
 Pentachlorophenol
 Concen: 8.67 ng
 RT: 17.58 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

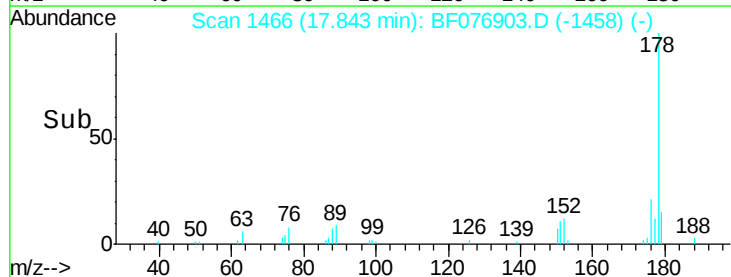
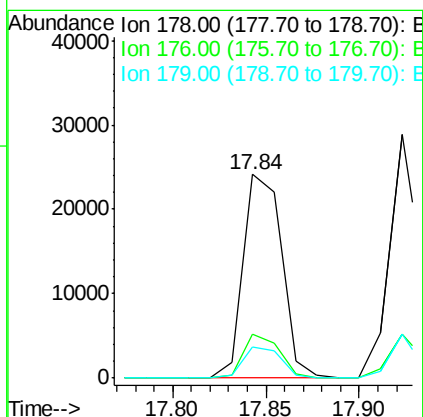
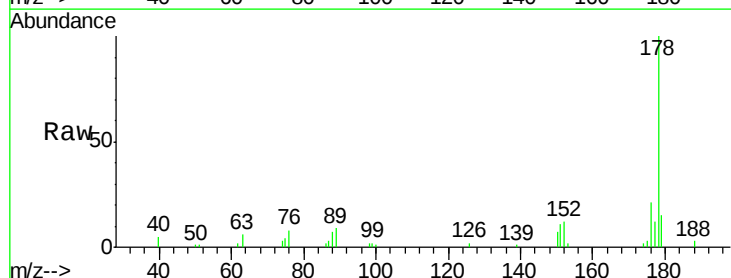
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

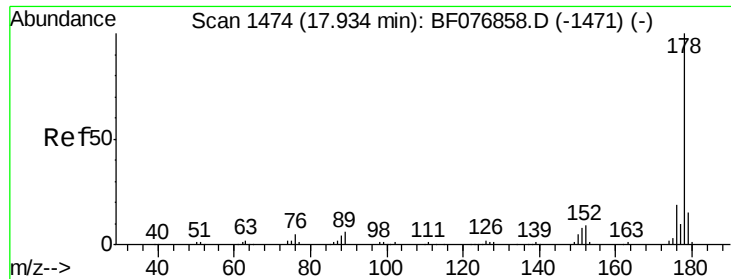
Tot Ion:266 Resp: 1397
 Ion Ratio Lower Upper
 266 100
 268 52.3 48.6 72.8
 264 77.5 49.5 74.3#



#70
 Phenanthrene
 Concen: 3.74 ng
 RT: 17.84 min Scan# 1466
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:178 Resp: 34537
 Ion Ratio Lower Upper
 178 100
 176 21.3 15.1 22.7
 179 15.2 12.7 19.1

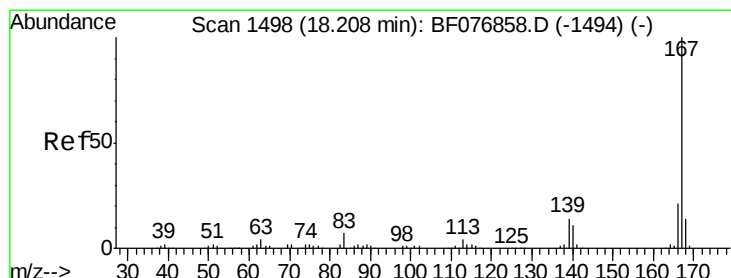
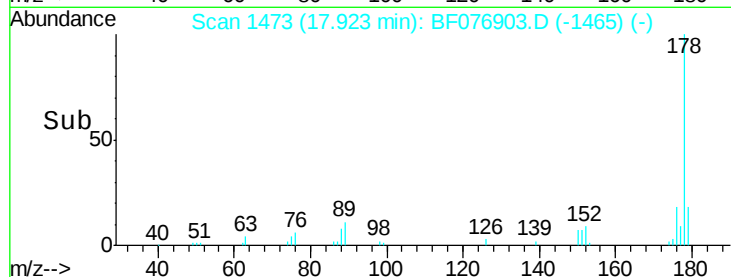
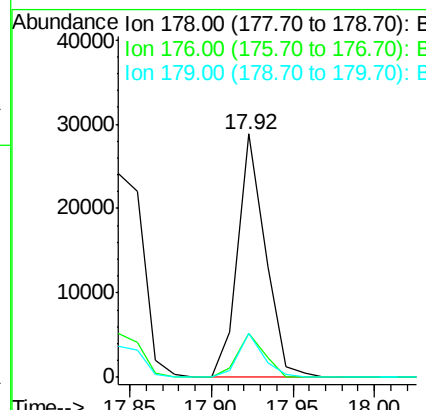
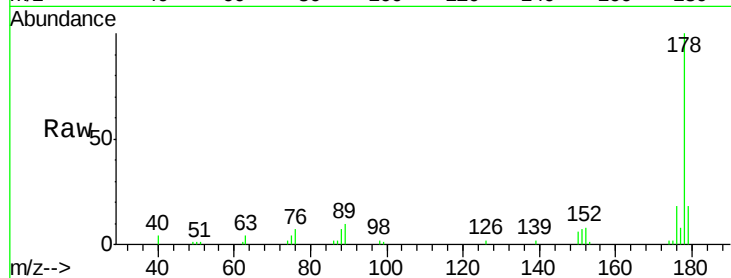




#71
 Anthracene
 Concen: 3.73 ng
 RT: 17.92 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

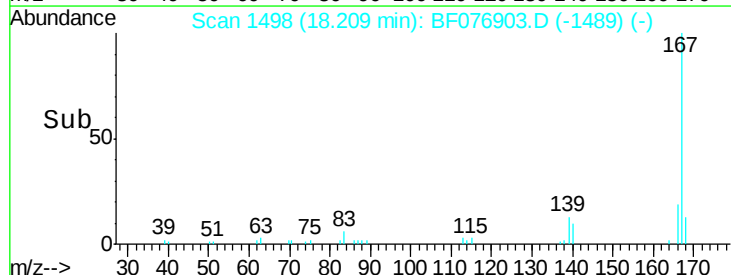
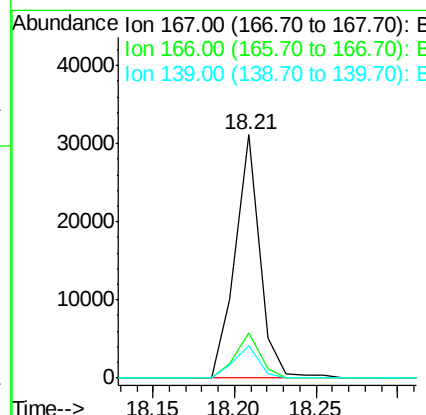
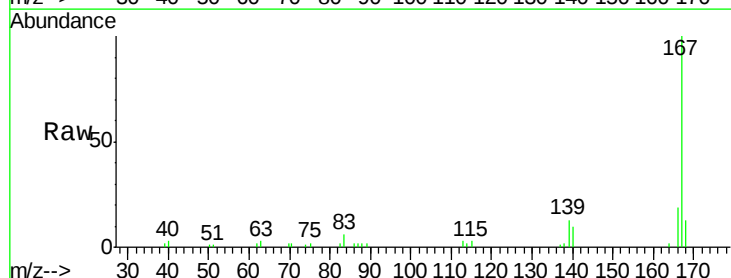
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

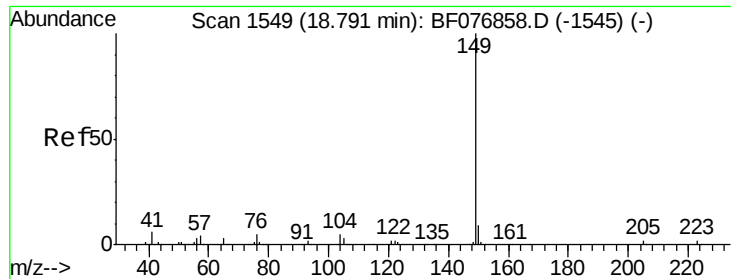
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.0
179	17.8	11.9	17.9



#72
 Carbazole
 Concen: 3.73 ng
 RT: 18.21 min Scan# 1498
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion	Ratio	Lower	Upper
167	100		
166	18.7	17.0	25.6
139	13.3	11.3	16.9





#73

Di-n-butylphthalate

Concen: 3.66 ng

RT: 18.79 min Scan# 1549

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampleId :

SP-3MS

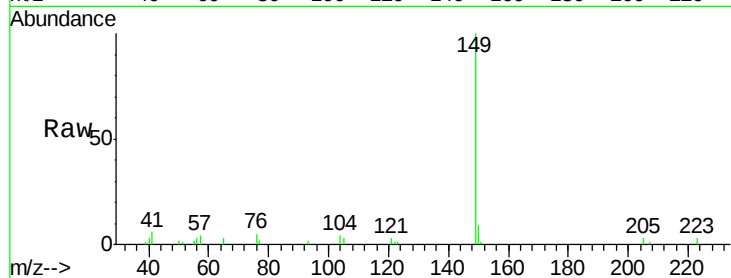
Tot Ion:149 Resp: 37033

Ion Ratio Lower Upper

149 100

150 8.7 6.9 10.3

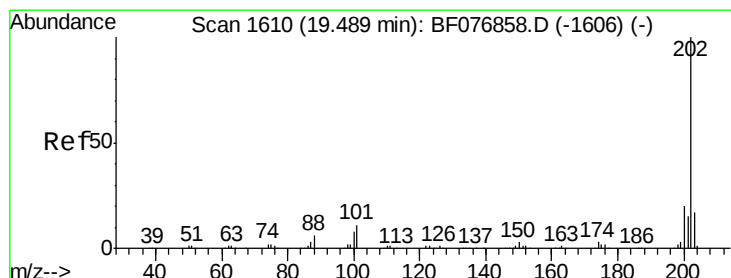
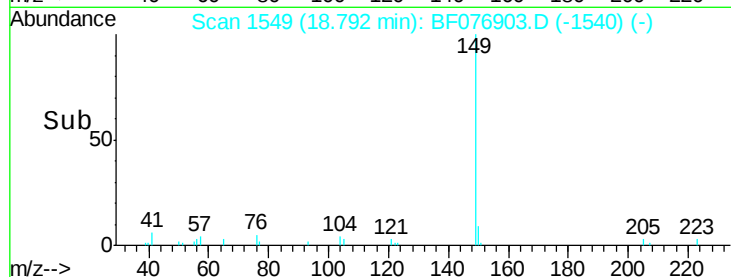
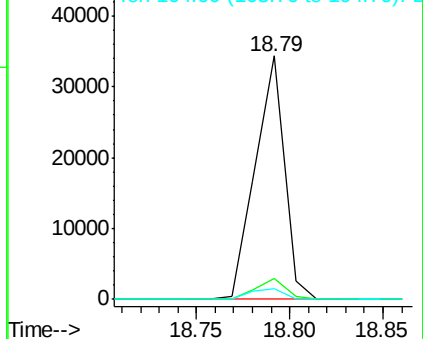
104 4.4 3.7 5.5



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: 3.66 ng

RT: 19.49 min Scan# 1610

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

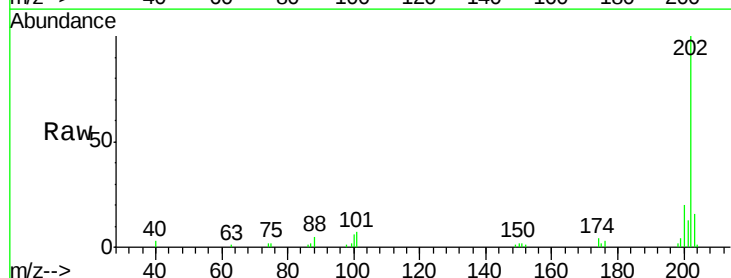
Tgt Ion:202 Resp: 34620

Ion Ratio Lower Upper

202 100

101 7.0 0.0 30.7

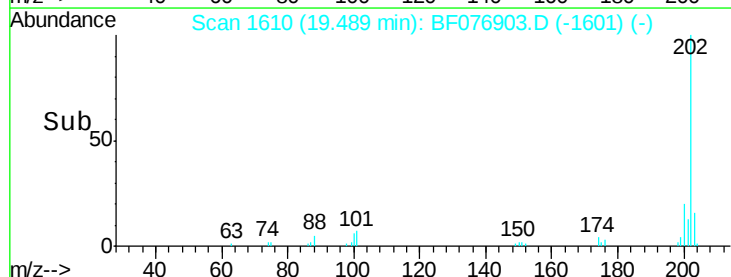
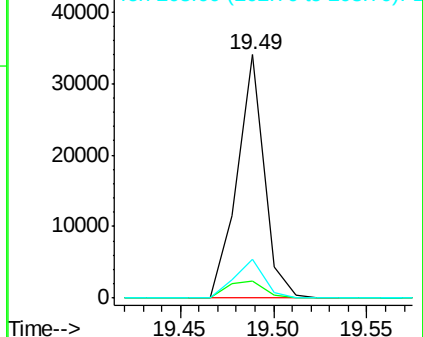
203 16.1 0.0 36.9

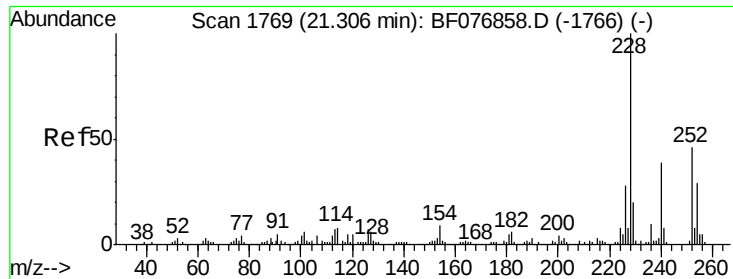


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

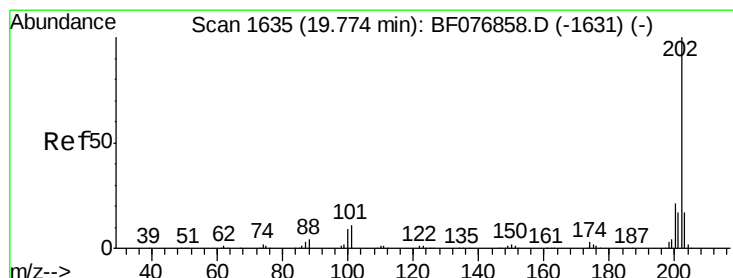
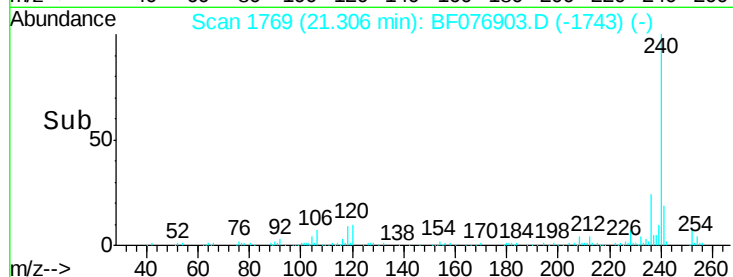
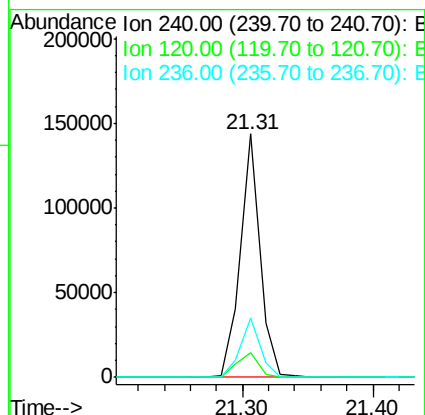
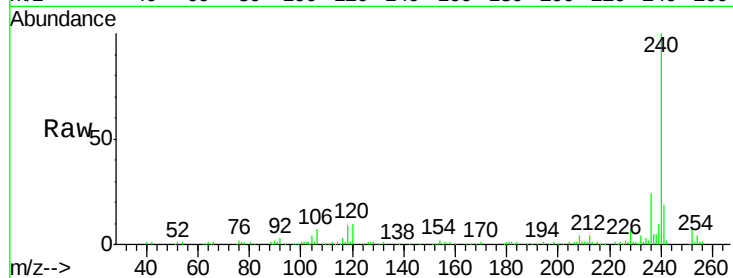




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

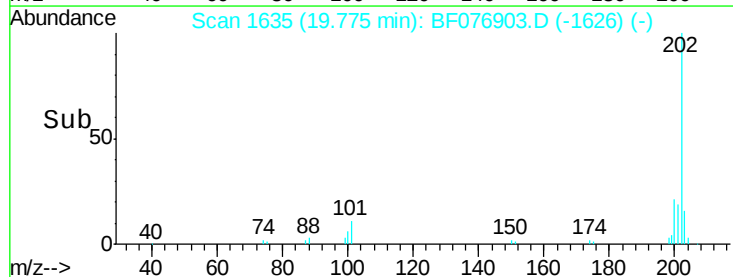
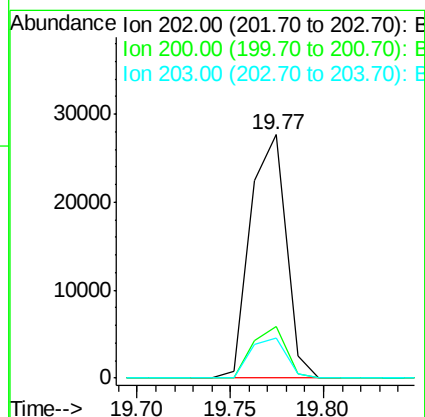
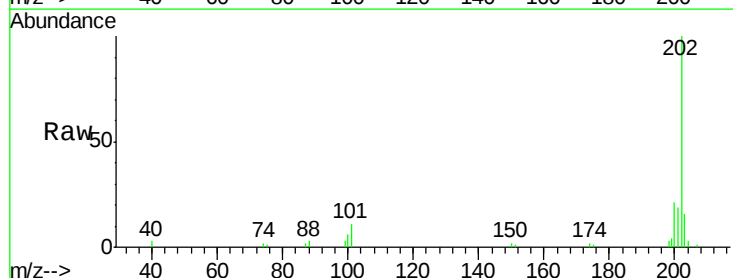
Instrument :
BNA_F
ClientSampleId :
SP-3MS

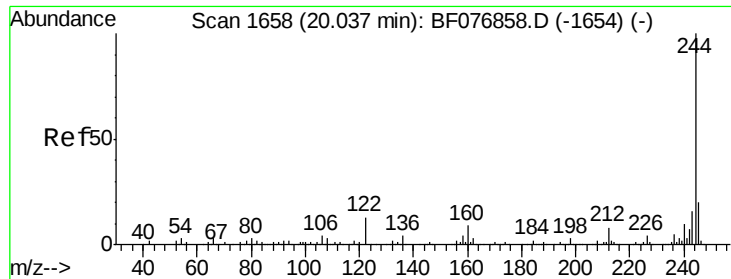
Tot Ion:240 Resp: 150633
Ion Ratio Lower Upper
240 100
120 10.1 10.4 15.6#
236 24.3 20.2 30.2



#77
Pyrene
Concen: 3.55 ng
RT: 19.77 min Scan# 1635
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:202 Resp: 36691
Ion Ratio Lower Upper
202 100
200 21.3 16.7 25.1
203 16.3 14.0 21.0





#78

Terphenyl-d14

Concen: 7.88 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

Instrument :

BNA_F

ClientSampled :

SP-3MS

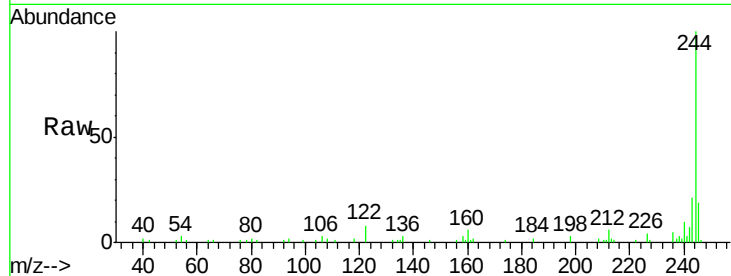
Tot Ion:244 Resp: 51542

Ion Ratio Lower Upper

244 100

212 6.2 6.3 9.5#

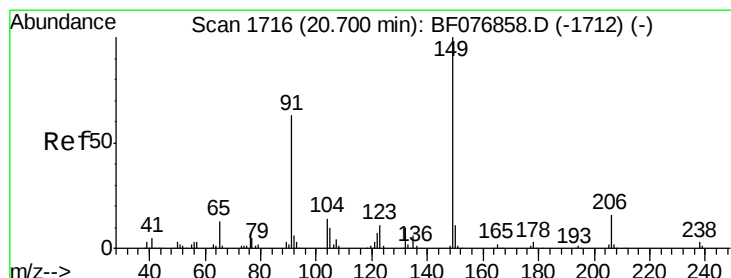
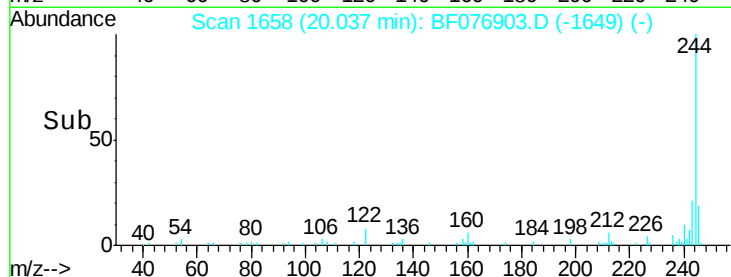
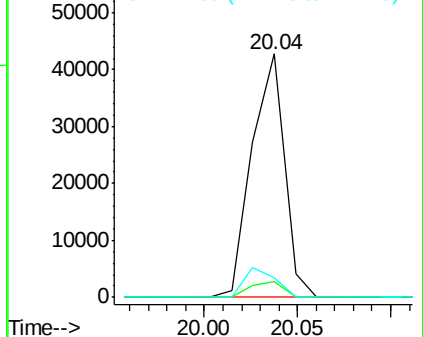
122 8.2 10.1 15.1#



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: 3.07 ng

RT: 20.70 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BF076903.D

Acq: 16 Jan 2015 4:08

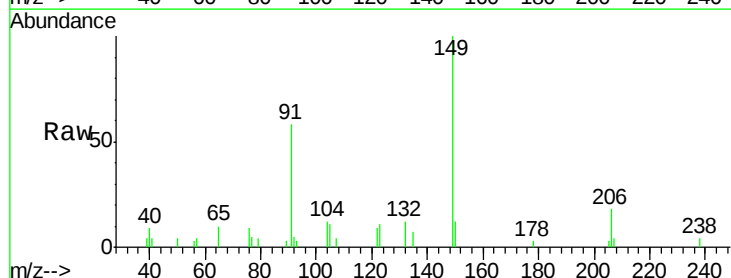
Tgt Ion:149 Resp: 14331

Ion Ratio Lower Upper

149 100

91 58.3 50.6 76.0

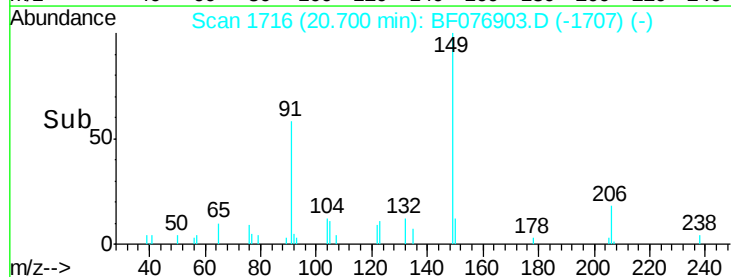
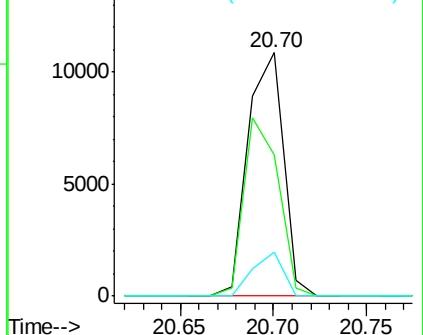
206 18.2 12.8 19.2

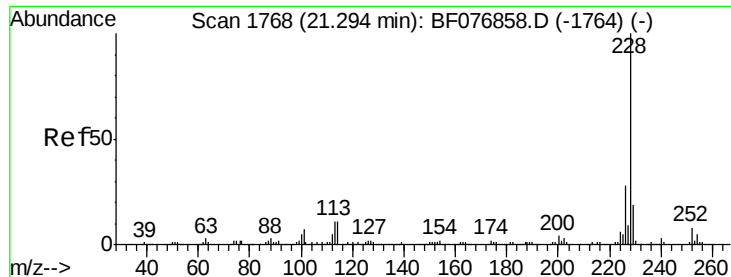


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

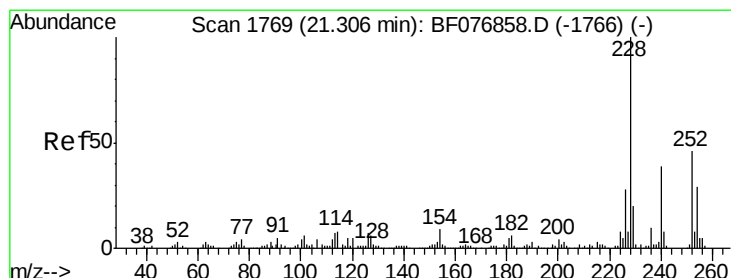
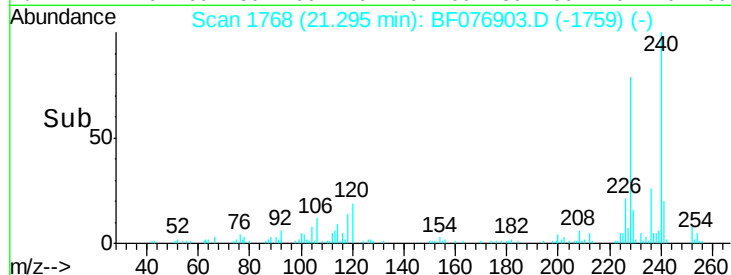
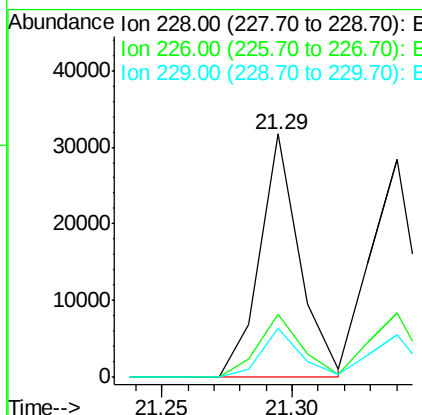
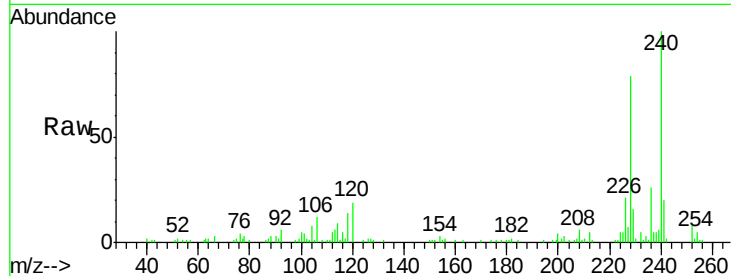




#80
Benzo(a)anthracene
Concen: 3.58 ng
RT: 21.29 min Scan# 1768
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

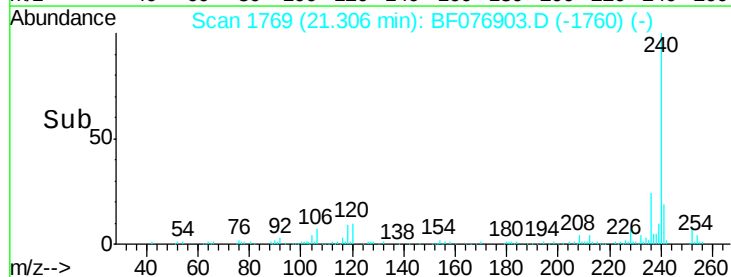
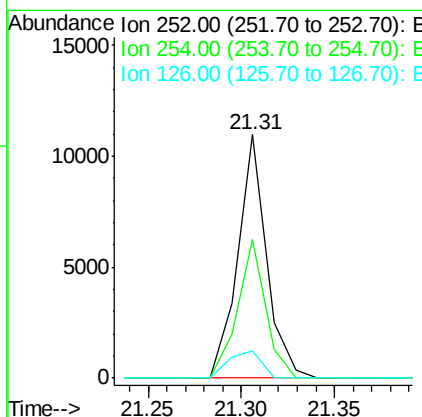
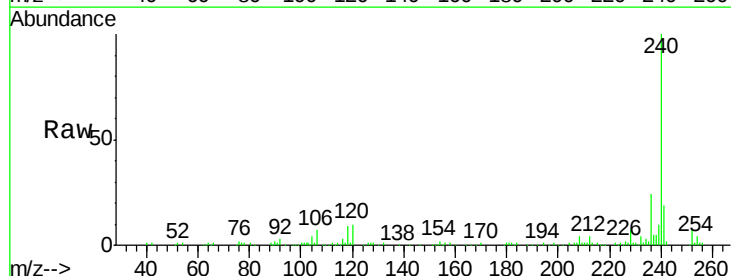
Instrument :
BNA_F
ClientSampleId :
SP-3MS

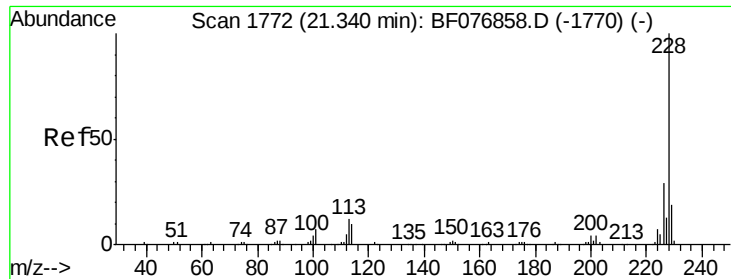
Tot Ion:228 Resp: 33796
Ion Ratio Lower Upper
228 100
226 26.0 22.1 33.1
229 20.4 15.5 23.3



#81
3,3'-Dichlorobenzidine
Concen: 3.93 ng
RT: 21.31 min Scan# 1769
Delta R.T. 0.00 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:252 Resp: 11791
Ion Ratio Lower Upper
252 100
254 56.9 50.2 75.4
126 11.2 11.5 17.3#

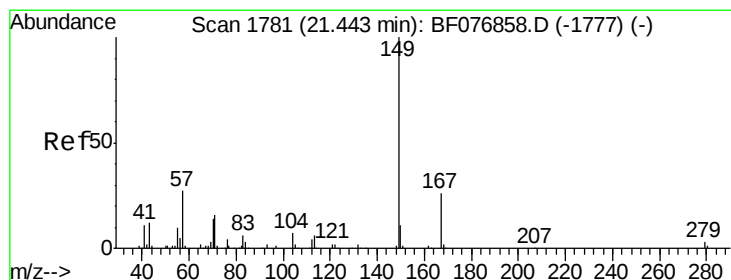
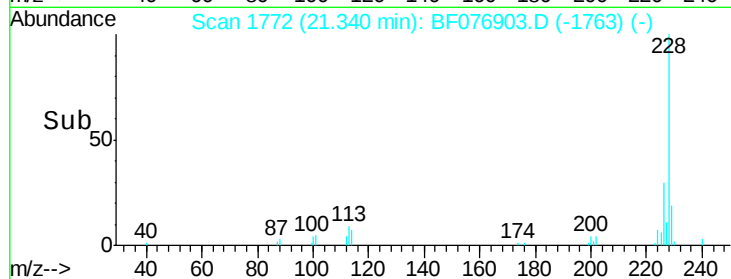
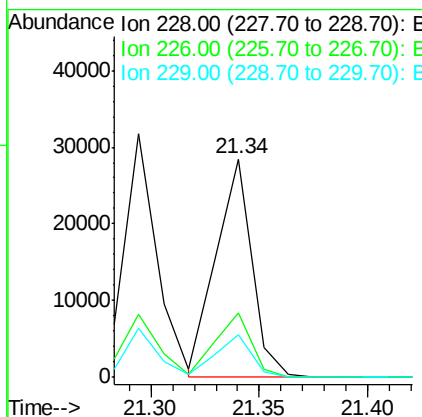
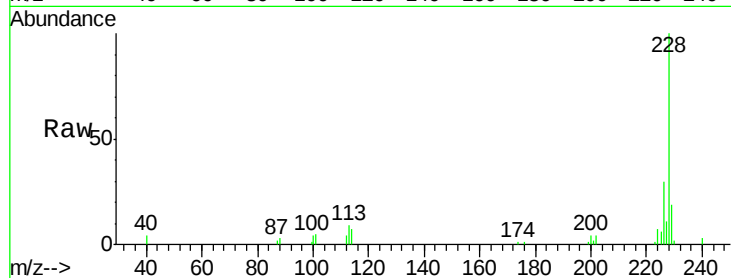




#82
 Chrysene
 Concen: 3.79 ng
 RT: 21.34 min Scan# 1772
 Delta R.T. 0.00 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

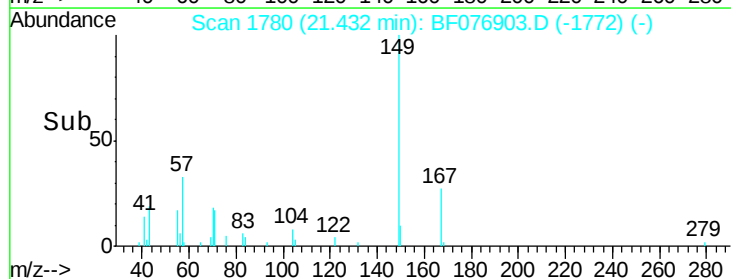
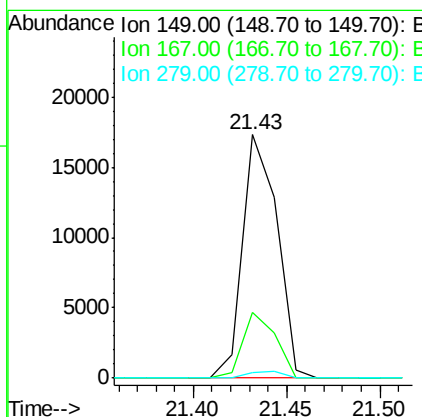
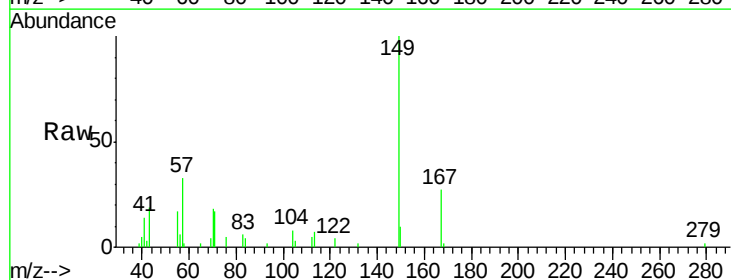
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MS

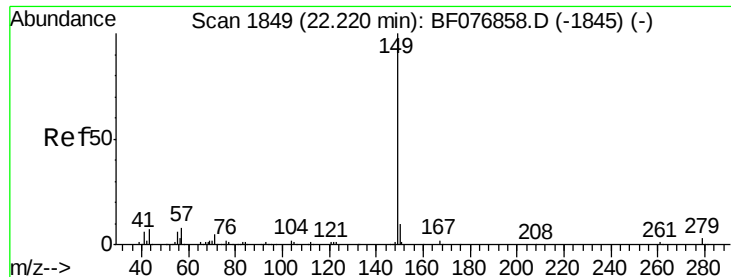
Tot Ion:228 Resp: 32658
 Ion Ratio Lower Upper
 228 100
 226 29.7 23.4 35.0
 229 19.3 15.4 23.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.44 ng
 RT: 21.43 min Scan# 1780
 Delta R.T. -0.01 min
 Lab File: BF076903.D
 Acq: 16 Jan 2015 4:08

Tgt Ion:149 Resp: 22282
 Ion Ratio Lower Upper
 149 100
 167 27.0 20.6 30.8
 279 2.2 2.2 3.2#

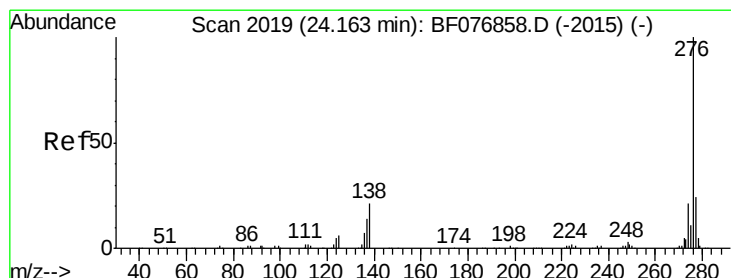
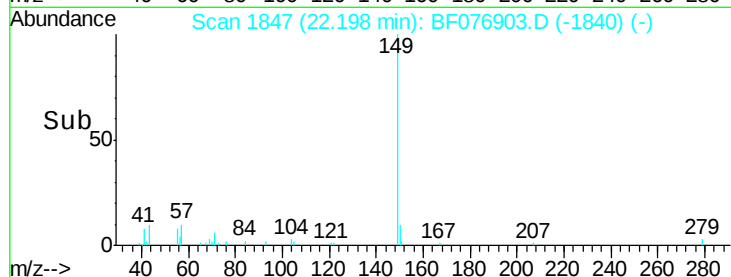
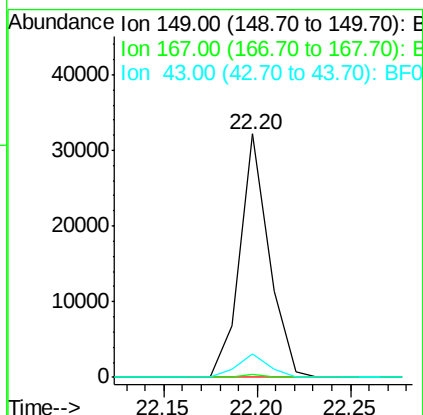
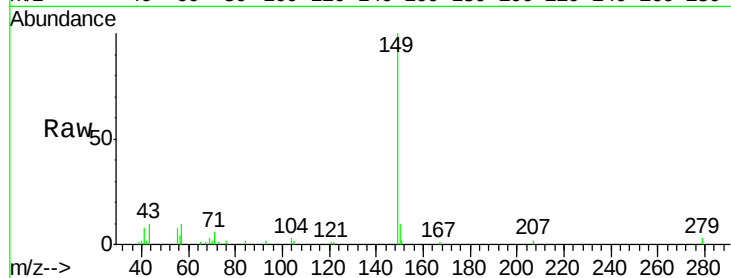




#84
Di-n-octyl phthalate
Concen: 3.12 ng
RT: 22.20 min Scan# 1847
Delta R.T. -0.02 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

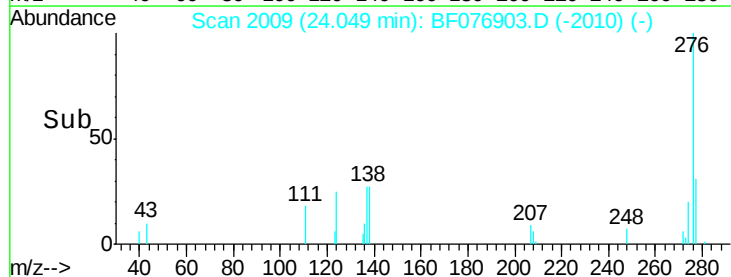
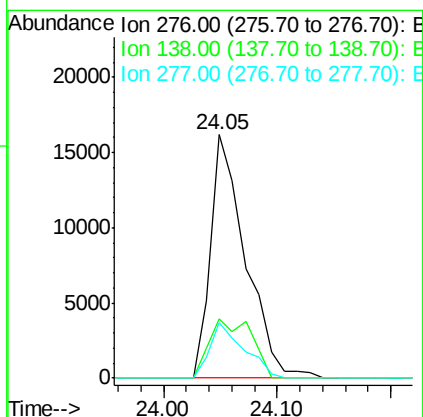
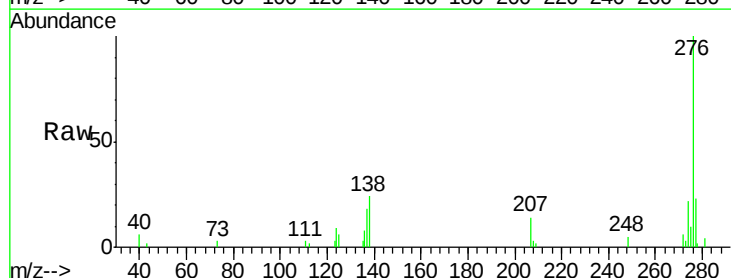
Instrument :
BNA_F
ClientSampleId :
SP-3MS

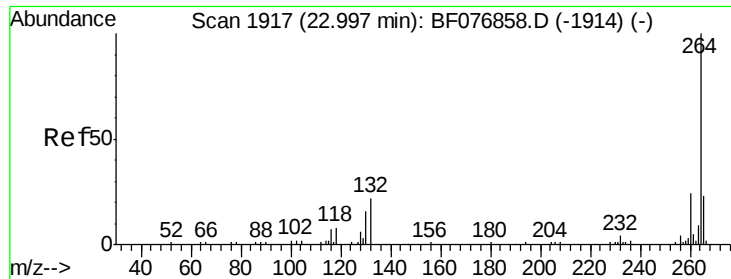
Tot Ion:149 Resp: 35062
Ion Ratio Lower Upper
149 100
167 0.7 1.1 1.7#
43 10.2 6.6 10.0#



#85
Indeno(1,2,3-cd)pyrene
Concen: 3.77 ng m
RT: 24.05 min Scan# 2009
Delta R.T. -0.11 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:276 Resp: 34447
Ion Ratio Lower Upper
276 100
138 0.0 14.6 22.0#
277 0.0 14.8 22.2#

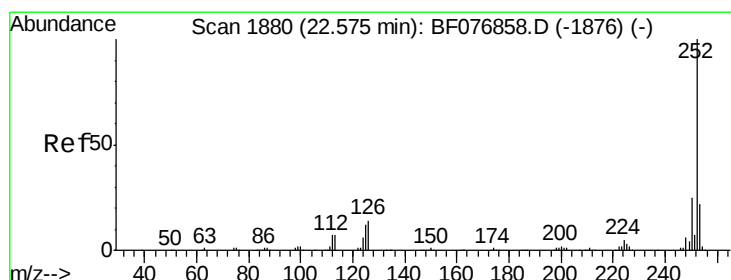
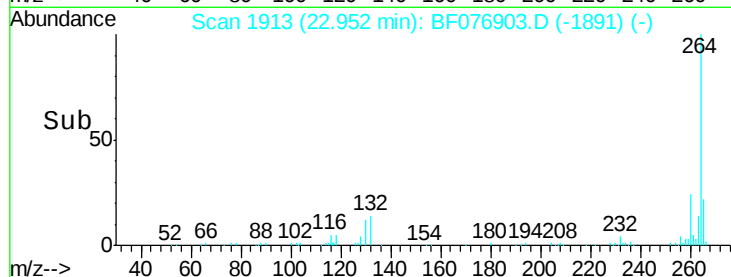
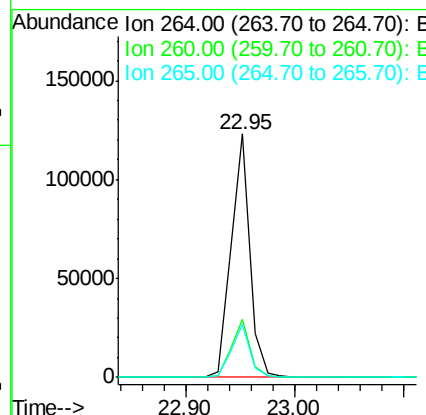
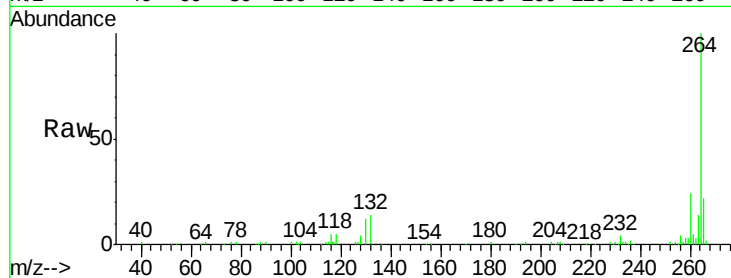




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.95 min Scan# 1913
Delta R.T. -0.05 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

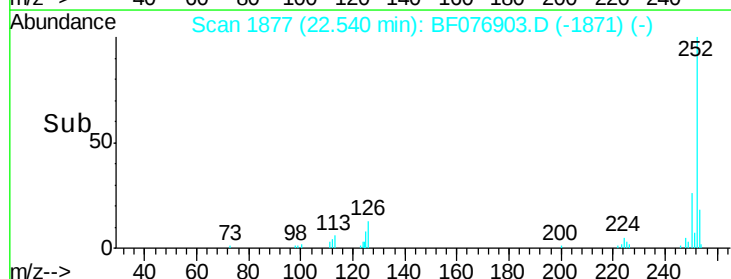
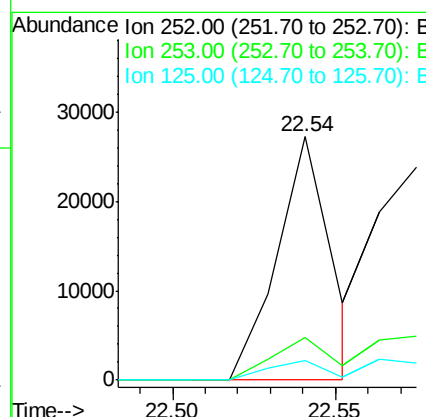
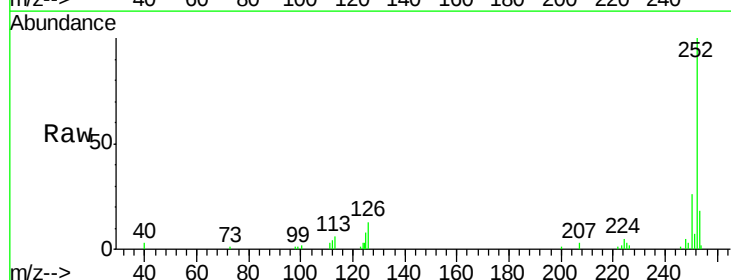
Instrument :
BNA_F
ClientSampleId :
SP-3MS

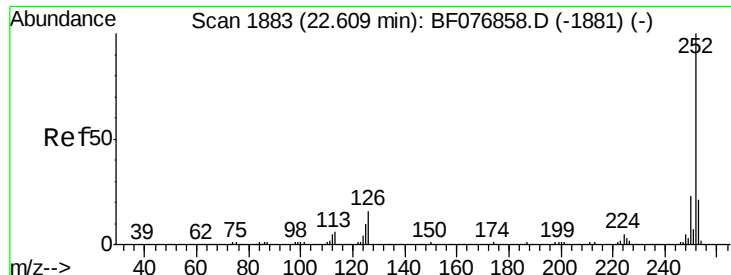
Tot Ion:264 Resp: 145196
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.4
265 21.8 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 3.20 ng
RT: 22.54 min Scan# 1877
Delta R.T. -0.03 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:252 Resp: 31248
Ion Ratio Lower Upper
252 100
253 17.6 17.5 26.3
125 8.0 9.4 14.0#

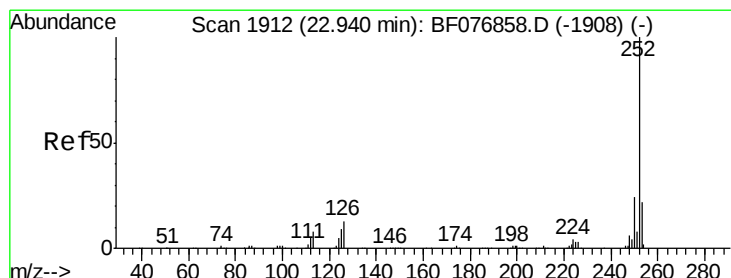
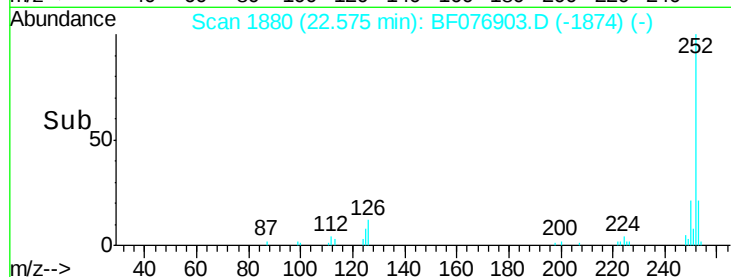
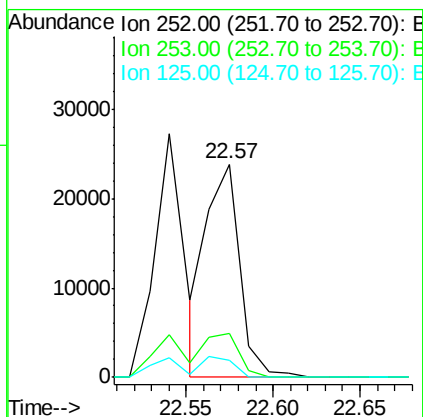
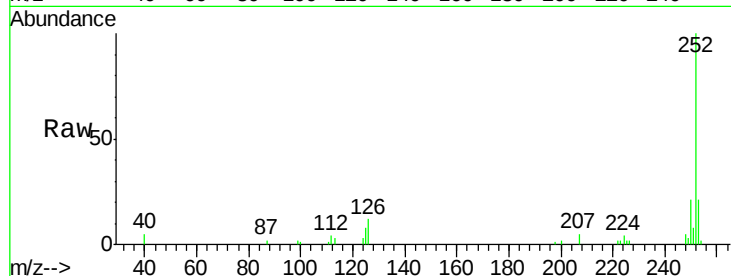




#88
Benzo(k)fluoranthene
Concen: 3.79 ng
RT: 22.57 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

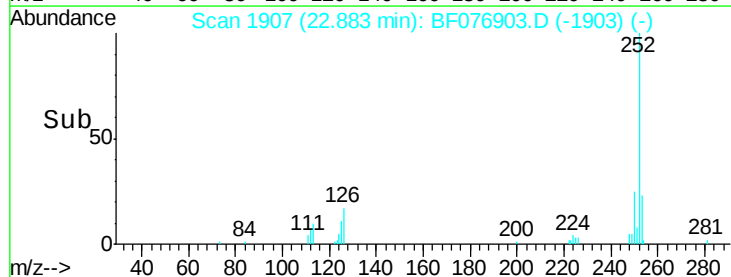
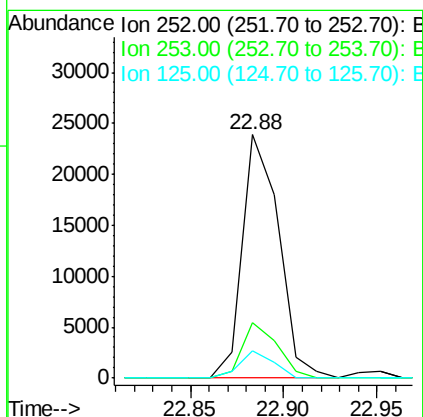
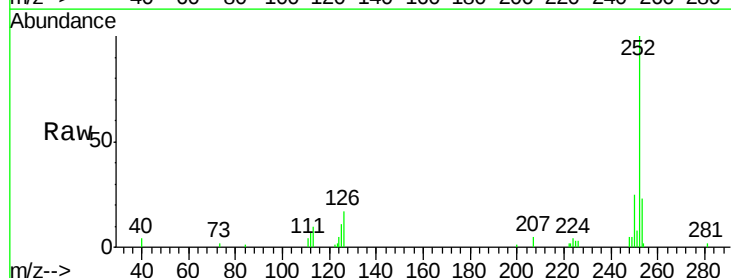
Instrument :
BNA_F
ClientSampleId :
SP-3MS

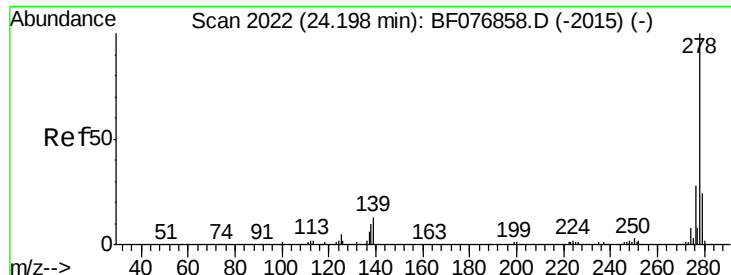
Tot Ion:252 Resp: 32342
Ion Ratio Lower Upper
252 100
253 20.7 17.2 25.8
125 7.8 7.1 10.7



#89
Benzo(a)pyrene
Concen: 3.75 ng
RT: 22.88 min Scan# 1907
Delta R.T. -0.06 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion:252 Resp: 32314
Ion Ratio Lower Upper
252 100
253 22.7 17.9 26.9
125 11.4 7.2 10.8#

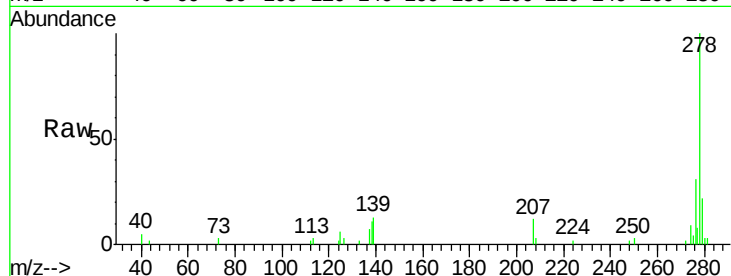




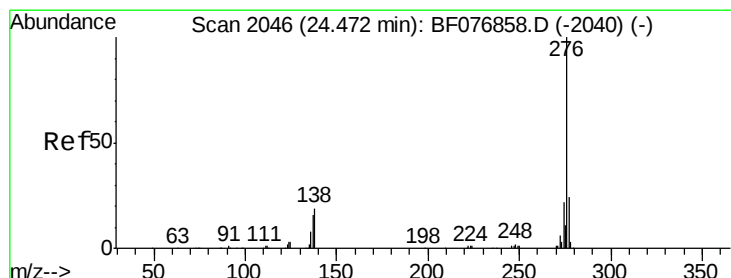
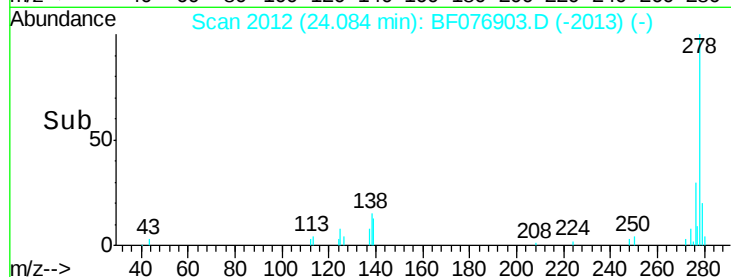
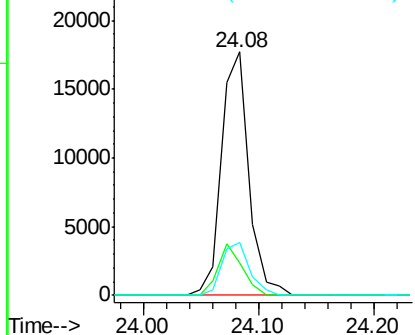
#90
Dibenzo(a,h)anthracene
Concen: 3.69 ng m
RT: 24.08 min Scan# 2012
Delta R.T. -0.11 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Instrument :
BNA_F
ClientSampleId :
SP-3MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.3	10.5	15.7
279	21.6	19.3	28.9

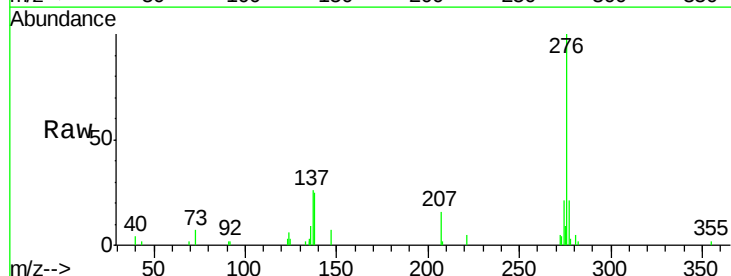


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 3.85 ng m
RT: 24.35 min Scan# 2035
Delta R.T. -0.13 min
Lab File: BF076903.D
Acq: 16 Jan 2015 4:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	20.6	19.5	29.3
138	25.2	15.0	22.6



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

