

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076948.D
 Acq On : 20 Jan 2015 4:01
 Operator : IZ / TP
 Sample : G1078-01MS
 Misc : W
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Quant Time: Jan 20 05:05:20 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 04:56:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	33530	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	142871	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	75186	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	123143	20.00	ng	0.00
75) Chrysene-d12	21.27	240	119165	20.00	ng	0.00
86) Perylene-d12	22.92	264	110073	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	92647	45.43	ng	0.00
7) Phenol-d6	7.37	99	72712	28.26	ng	0.00
23) Nitrobenzene-d5	9.27	82	219252	85.02	ng	0.00
41) 2,4,6-Tribromophenol	16.69	330	69205	113.39	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	445097	90.09	ng	0.00
78) Terphenyl-d14	20.00	244	432897	83.63	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	1.29	88	12028	13.77	ng	98
3) Pyridine	1.80	79	30639	13.56	ng	90
4) n-Nitrosodimethylamine	1.74	42	16437	14.68	ng	92
6) Aniline	7.27	93	50186	14.10	ng	98
8) 2-Chlorophenol	7.50	128	60438	25.71	ng	90
9) Benzaldehyde	6.98	77	21836	12.91	ng	90
10) Phenol	7.40	94	25716	9.41	ng	94
11) bis(2-Chloroethyl)ether	7.51	93	92014	43.05	ng	# 78
12) 1,3-Dichlorobenzene	7.82	146	102697	38.39	ng	94
13) 1,4-Dichlorobenzene	8.01	146	104997	37.02	ng	97
14) 1,2-Dichlorobenzene	8.32	146	101981	39.02	ng	96
15) Benzyl Alcohol	8.40	79	54093	25.98	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.76	45	121780	42.38	ng	77
17) 2-Methylphenol	8.76	107	43323	22.55	ng	# 86
18) Hexachloroethane	9.08	117	39701	40.24	ng	92
19) n-Nitroso-di-n-propylamine	9.04	70	73924	41.05	ng	98
20) 3+4-Methylphenols	9.13	107	48141	18.92	ng	92
22) Acetophenone	8.96	105	171219	48.93	ng	95
24) Nitrobenzene	9.32	77	112481	42.82	ng	97
25) Isophorone	9.91	82	201040	42.81	ng	98
26) 2-Nitrophenol	10.06	139	38111	29.05	ng	95
27) 2,4-Dimethylphenol	10.33	122	69883	34.40	ng	98
28) bis(2-Chloroethoxy)methane	10.54	93	119532	44.78	ng	97
29) 2,4-Dichlorophenol	10.65	162	58092	30.68	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	86997	41.37	ng	95
31) Naphthalene	10.93	128	435060	59.15	ng	99
32) Benzoic acid	10.62	122	11084	9.85	ng	# 68
33) 4-Chloroaniline	11.18	127	42020	14.14	ng	97
34) Hexachlorobutadiene	11.29	225	50251	40.27	ng	95
35) Caprolactam	12.00	113	3272	5.87	ng	92
36) 4-Chloro-3-methylphenol	12.46	107	67203	31.00	ng	97
37) 2-Methylnaphthalene	12.59	142	378088	75.27	ng	94
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	84886	45.67	ng	97
40) Hexachlorocyclopentadiene	12.97	237	87030	86.57	ng	93

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 20 04:56:10 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

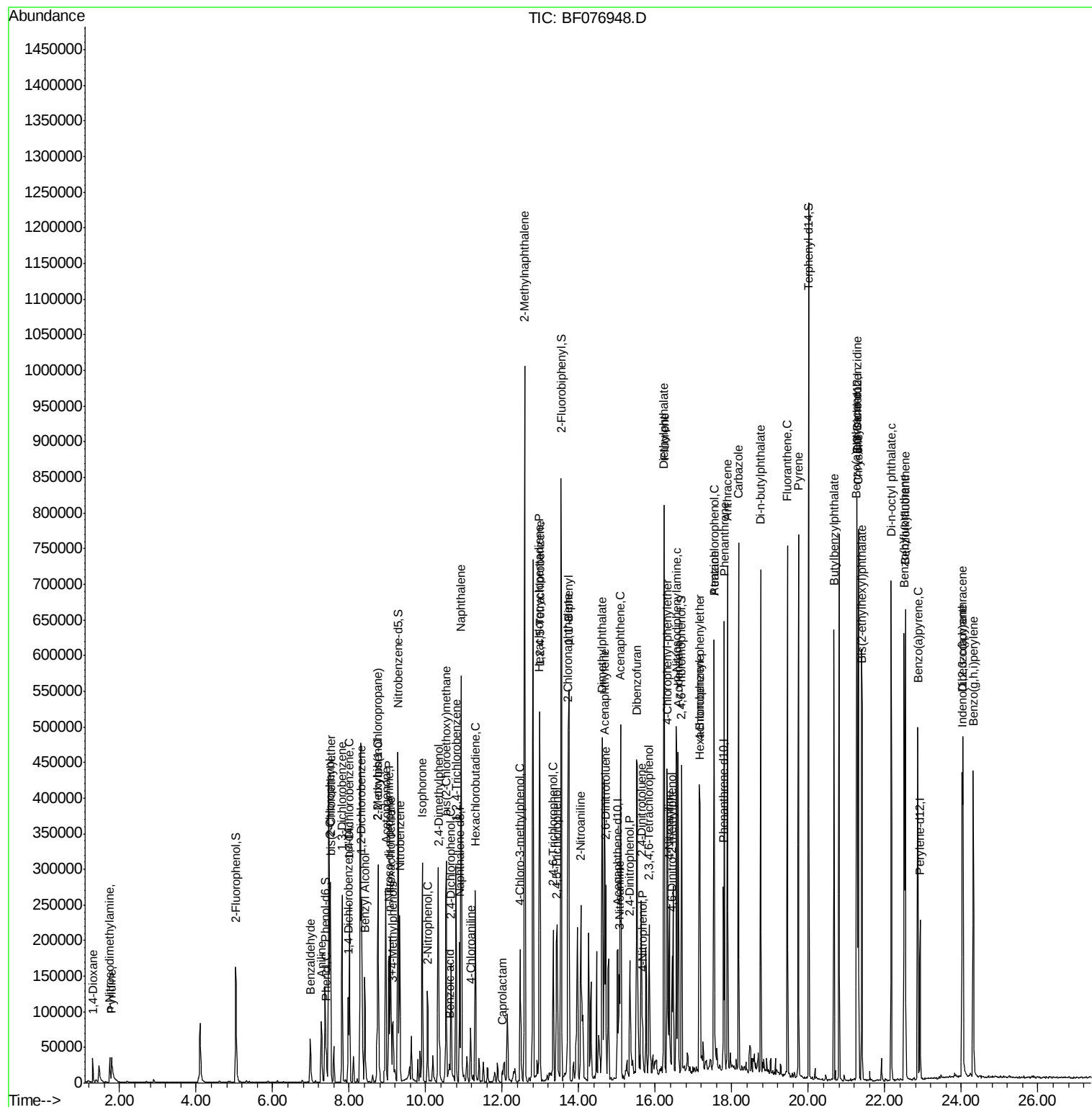
42) 2,4,6-Trichlorophenol	13.33	196	43999	32.49	nq	92
43) 2,4,5-Trichlorophenol	13.42	196	45819	33.17	nq #	90
45) 1,1'-Biphenyl	13.74	154	279778	50.20	nq	99
46) 2-Chloronaphthalene	13.72	162	201966	44.03	nq	96
47) 2-Nitroaniline	14.06	65	66422	47.74	nq	92
48) Acenaphthylene	14.67	152	326087	42.15	nq	100
49) Dimethylphthalate	14.61	163	240561	45.12	nq	99
50) 2,6-Dinitrotoluene	14.70	165	51014	47.89	nq	90
51) Acenaphthene	15.09	154	190630	43.43	nq	97
52) 3-Nitroaniline	15.05	138	34357	25.58	nq	87
53) 2,4-Dinitrophenol	15.33	184	31973	66.31	nq #	77
54) Dibenzofuran	15.51	168	292885	45.80	nq	99
55) 4-Nitrophenol	15.66	139	20109	24.06	nq	97
56) 2,4-Dinitrotoluene	15.64	165	70527	44.33	nq	93
57) Fluorene	16.23	166	248727	45.91	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.84	232	35631	35.43	nq	92
59) Diethylphthalate	16.22	149	248322	46.08	nq	99
60) 4-Chlorophenyl-phenylether	16.31	204	99994	45.11	nq	97
61) 4-Nitroaniline	16.37	138	47018	35.40	nq	99
62) Azobenzene	16.60	77	251166	44.73	nq	98
64) 4,6-Dinitro-2-methylphenol	16.44	198	25522	33.33	nq	82
65) n-Nitrosodiphenylamine	16.55	169	194806	44.37	nq	98
66) 4-Bromophenyl-phenylether	17.16	248	58351	46.77	nq #	84
67) Hexachlorobenzene	17.17	284	57670	43.86	nq #	85
68) Atrazine	17.53	200	60688	45.55	nq	92
69) Pentachlorophenol	17.53	266	41897	70.38	nq	98
70) Phenanthrene	17.81	178	354984	46.23	nq	99
71) Anthracene	17.89	178	323004	43.13	nq	98
72) Carbazole	18.17	167	330027	45.44	nq	99
73) Di-n-butylphthalate	18.76	149	414298	49.28	nq	99
74) Fluoranthene	19.45	202	346731	44.06	nq	99
77) Pyrene	19.74	202	364313	44.61	nq	100
79) Butylbenzylphthalate	20.67	149	180367	48.76	nq	95
80) Benzo(a)anthracene	21.26	228	326066	43.61	nq	100
81) 3,3'-Dichlorobenzidine	21.27	252	36068	15.18	nq	99
82) Chrysene	21.31	228	309560	45.40	nq	99
83) Bis(2-ethylhexyl)phthalate	21.41	149	266018	51.98	nq #	99
84) Di-n-octyl phthalate	22.16	149	448298	50.47	nq	98
85) Indeno(1,2,3-cd)pyrene	24.01	276	315737	43.70	nq #	83
87) Benzo(b)fluoranthene	22.51	252	371666	50.13	nq	99
88) Benzo(k)fluoranthene	22.54	252	234830m	36.26	nq	
89) Benzo(a)pyrene	22.86	252	296460	45.34	nq #	96
90) Dibenzo(a,h)anthracene	24.04	278	266963	44.49	nq #	93
91) Benzo(g,h,i)perylene	24.31	276	266620	44.70	nq #	94

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

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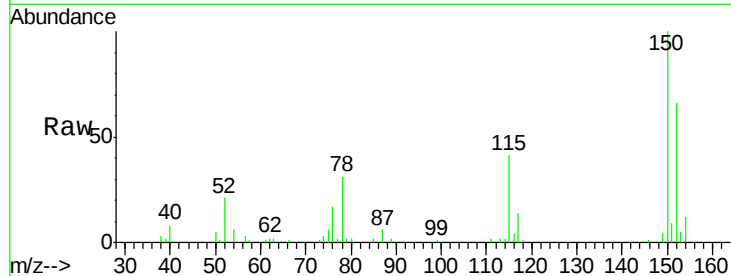


#1

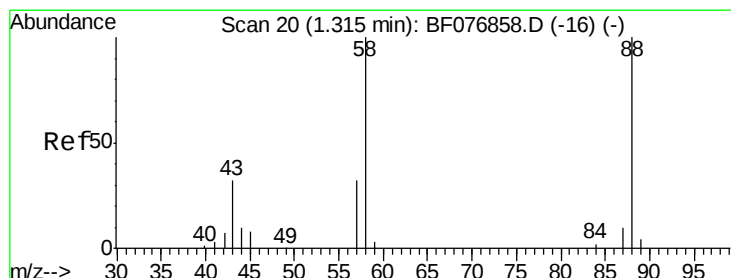
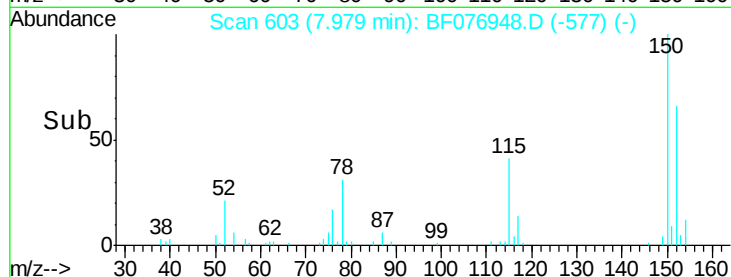
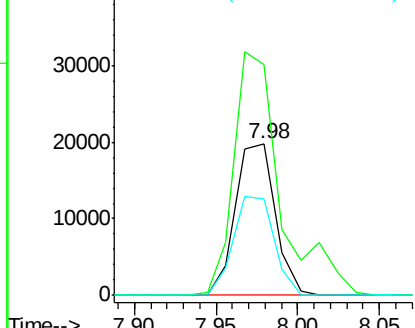
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 603
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:152 Resp: 33530
Ion Ratio Lower Upper
152 100
150 152.6 121.7 182.5
115 63.2 47.0 70.6



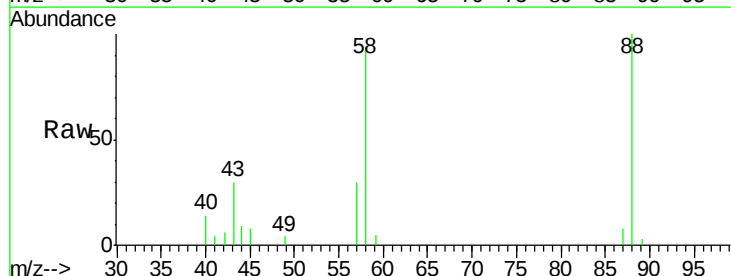
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



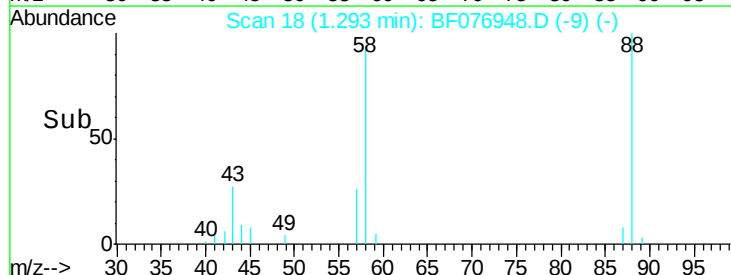
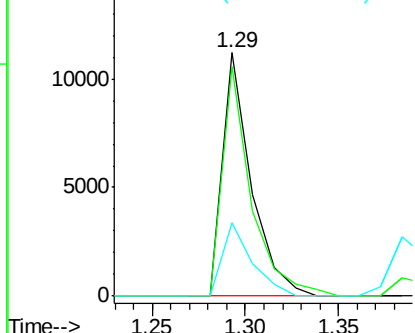
#2

1,4-Dioxane
Concen: 13.77 ng
RT: 1.29 min Scan# 18
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion: 88 Resp: 12028
Ion Ratio Lower Upper
88 100
58 94.7 77.0 115.4
43 31.1 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: 13.56 ng

RT: 1.80 min Scan# 62

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

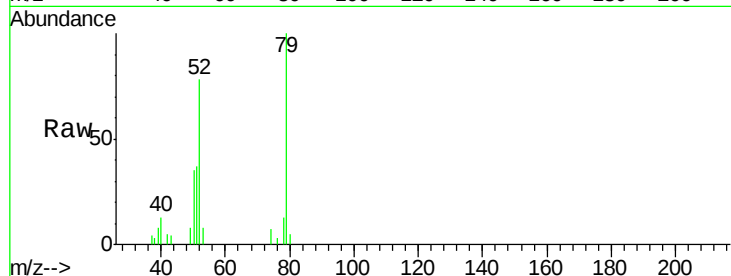
Tot Ion: 79 Resp: 30639

Ion Ratio Lower Upper

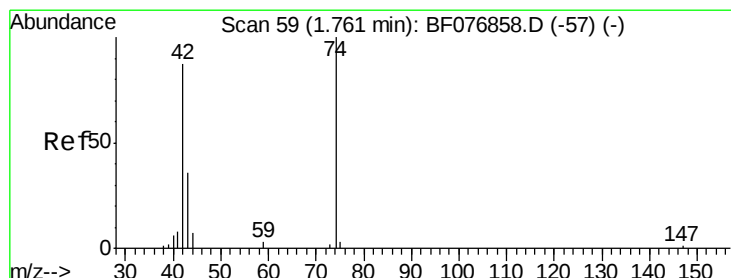
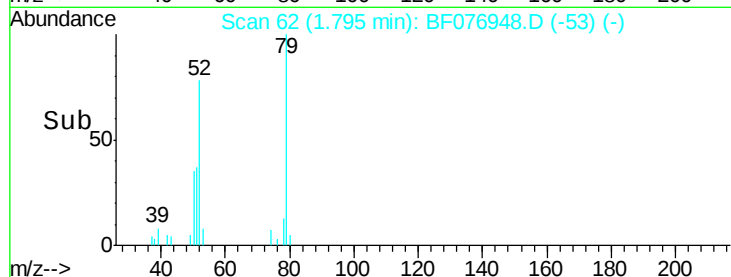
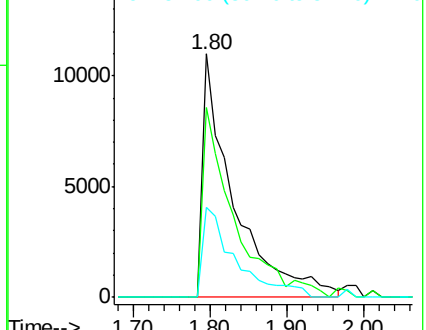
79 100

52 78.2 70.1 105.1

51 36.9 35.1 52.7



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 14.68 ng

RT: 1.74 min Scan# 57

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

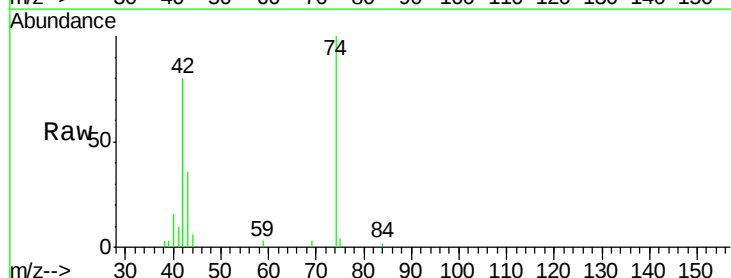
Tgt Ion: 42 Resp: 16437

Ion Ratio Lower Upper

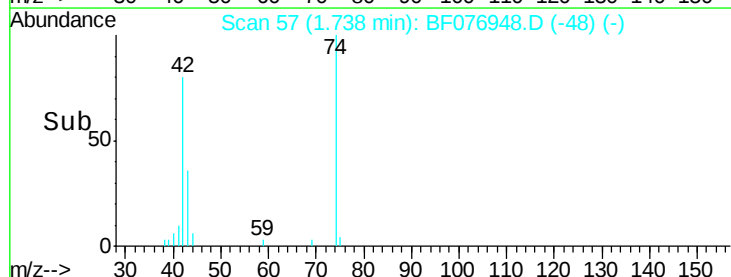
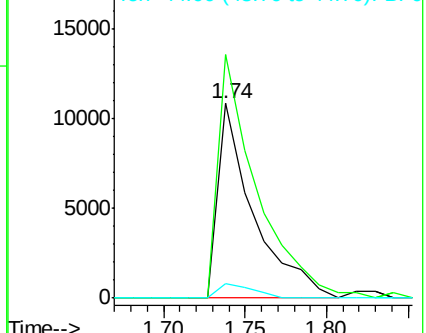
42 100

74 125.0 92.4 138.6

44 7.6 6.2 9.2



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 45.43 ng

RT: 5.03 min Scan# 345

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

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ClientSampleId :

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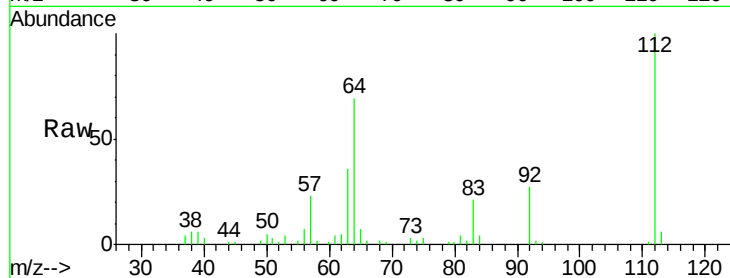
Tot Ion: 112 Resp: 92647

Ion Ratio Lower Upper

112 100

64 69.3 54.2 81.4

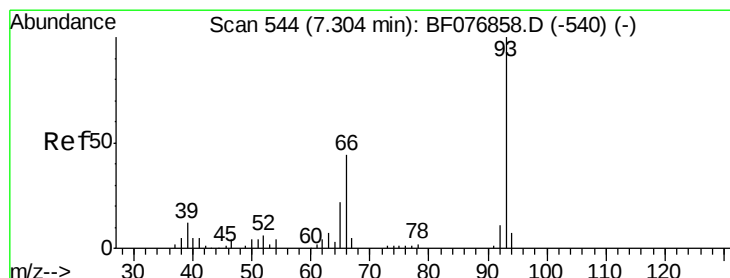
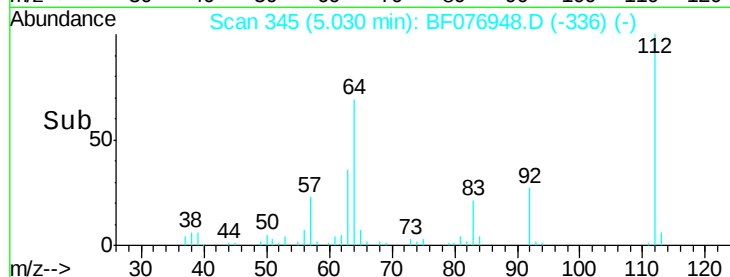
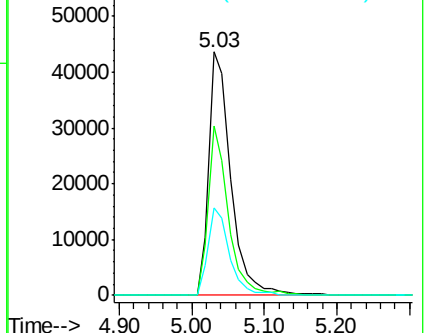
63 35.9 28.4 42.6



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: 14.10 ng

RT: 7.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

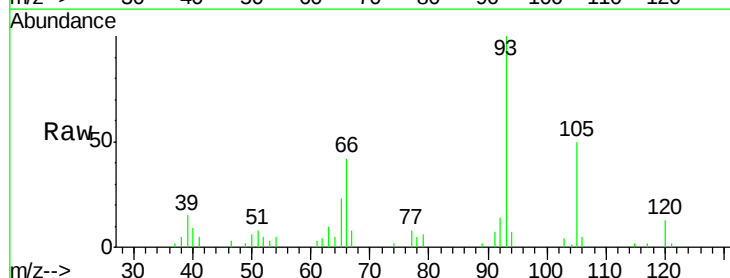
Tgt Ion: 93 Resp: 50186

Ion Ratio Lower Upper

93 100

66 42.1 35.0 52.4

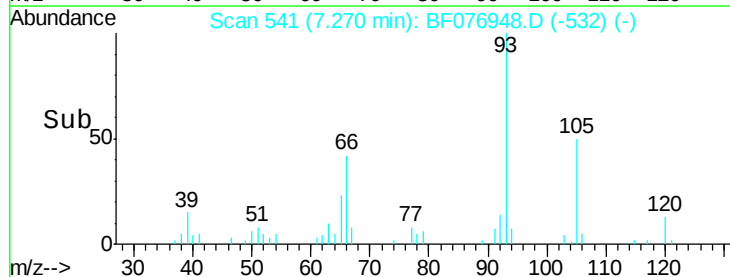
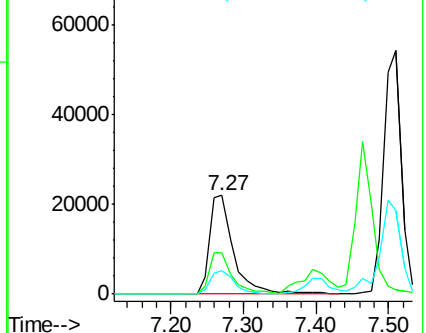
65 23.2 17.7 26.5



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: 28.26 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF076948.D

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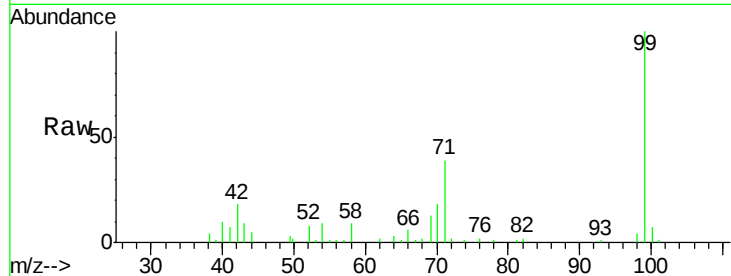
Tot Ion: 99 Resp: 72712

Ion Ratio Lower Upper

99 100

42 18.2 15.0 22.4

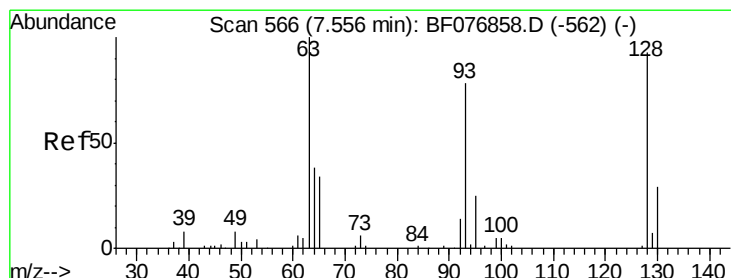
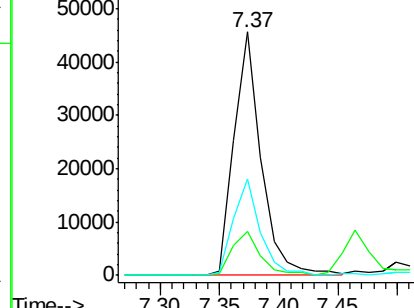
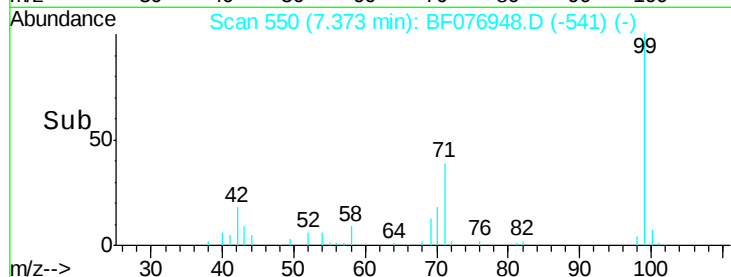
71 39.4 30.5 45.7



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: 25.71 ng

RT: 7.50 min Scan# 561

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

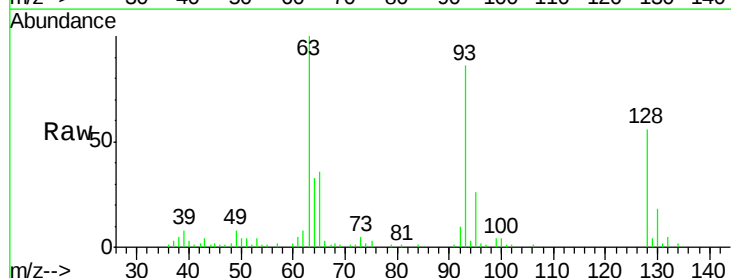
Tgt Ion: 128 Resp: 60438

Ion Ratio Lower Upper

128 100

130 32.8 11.0 51.0

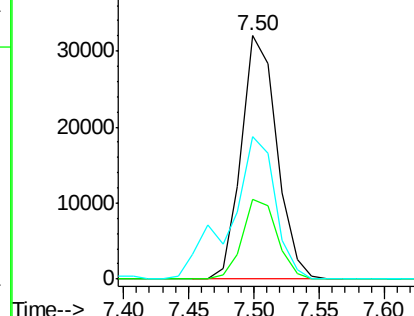
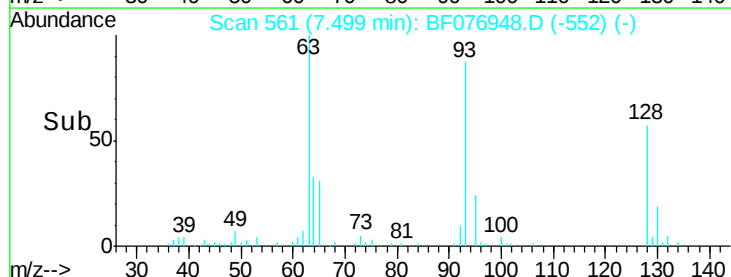
64 58.8 29.3 69.3

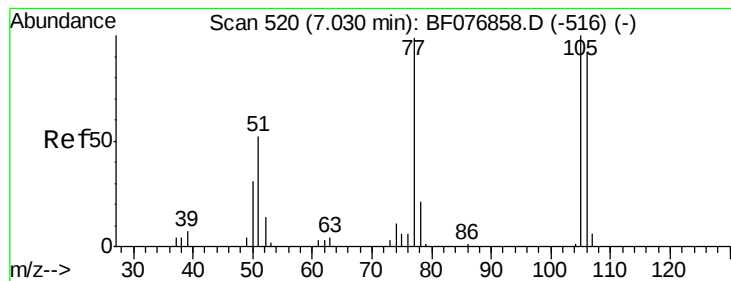


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 12.91 ng

RT: 6.98 min Scan# 516

Delta R.T. 0.00 min

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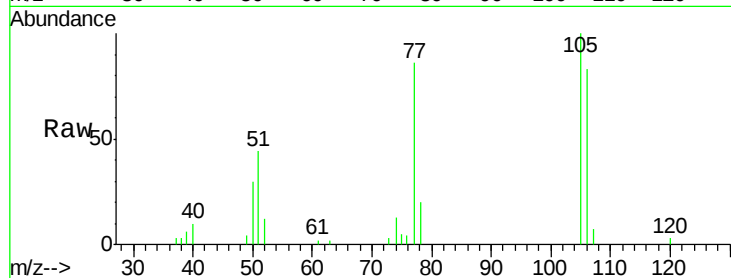
Tot Ion: 77 Resp: 21836

Ion Ratio Lower Upper

77 100

105 116.3 81.4 121.4

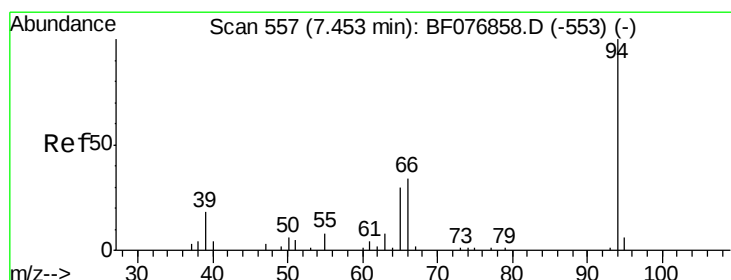
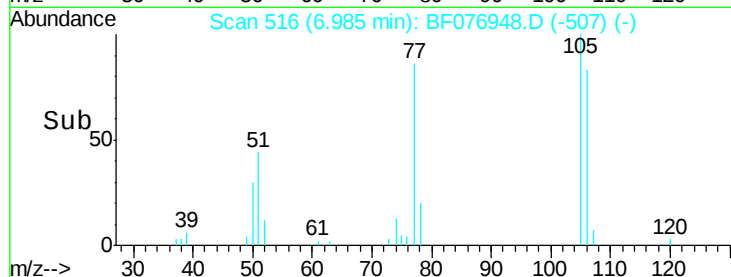
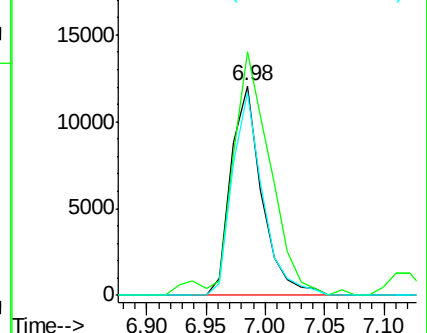
106 96.9 72.8 112.8



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 9.41 ng

RT: 7.40 min Scan# 552

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

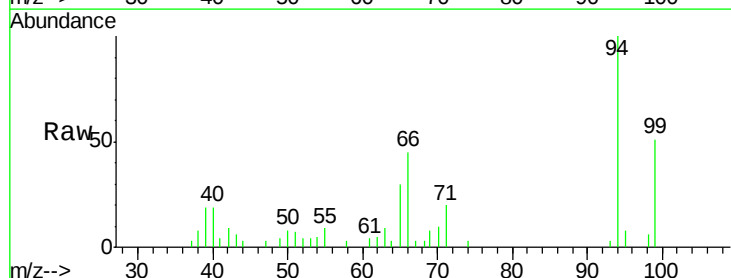
Tgt Ion: 94 Resp: 25716

Ion Ratio Lower Upper

94 100

65 29.7 11.3 51.3

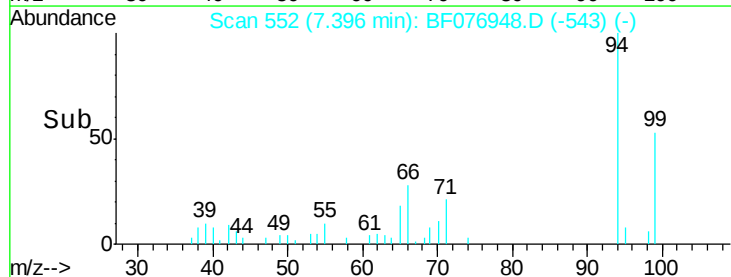
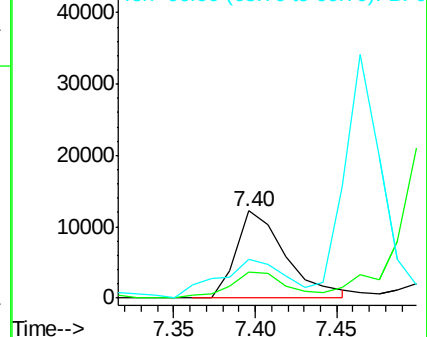
66 44.8 19.5 59.5

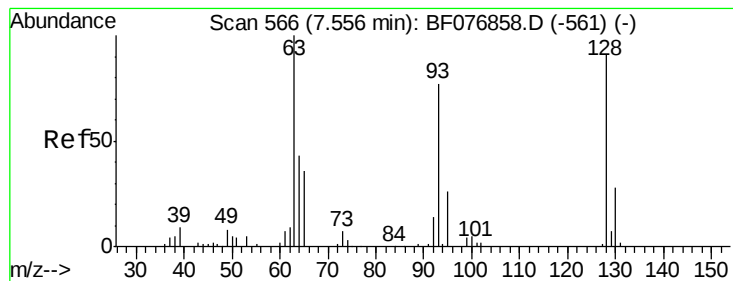


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

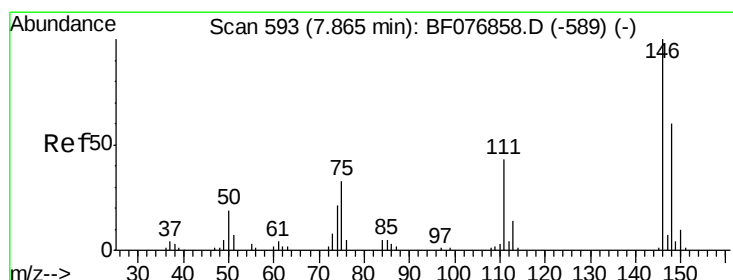
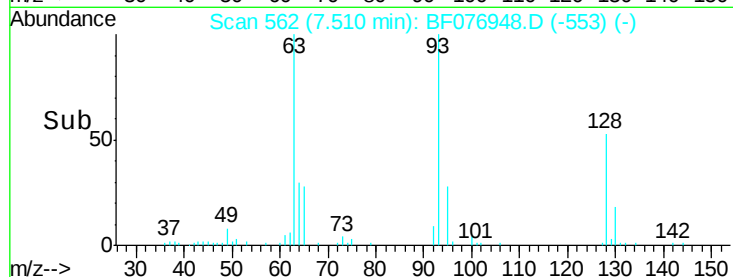
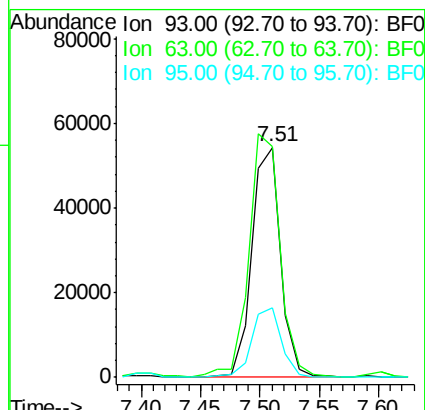
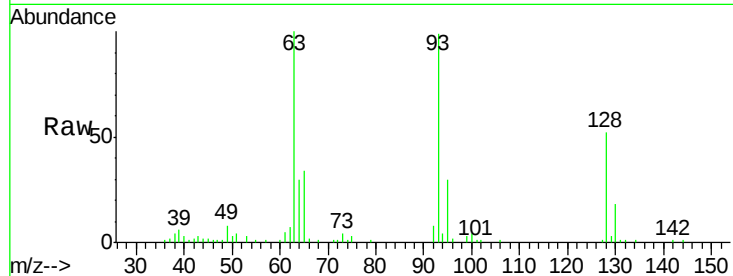




#11
bis(2-Chloroethyl)ether
Concen: 43.05 ng
RT: 7.51 min Scan# 562
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

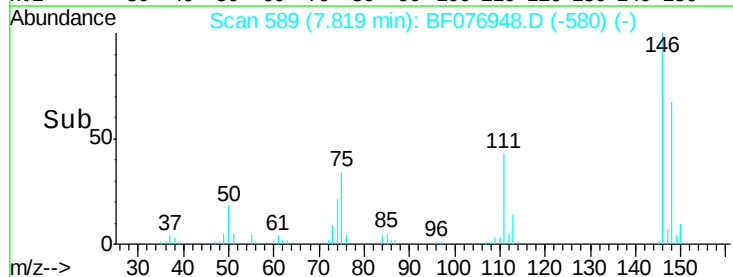
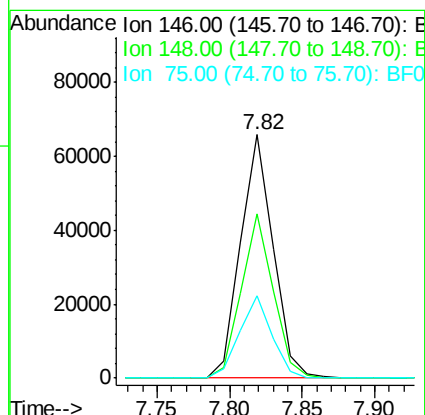
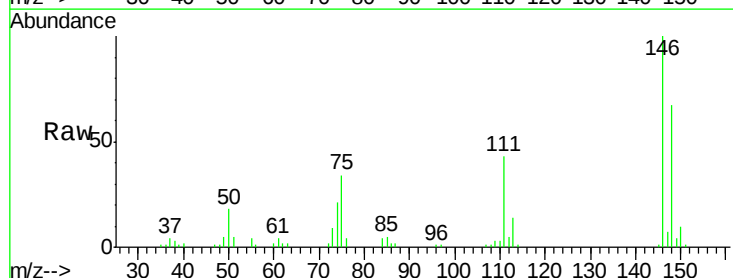
Instrument :
BNA_F
ClientSampleId :
S-1MS

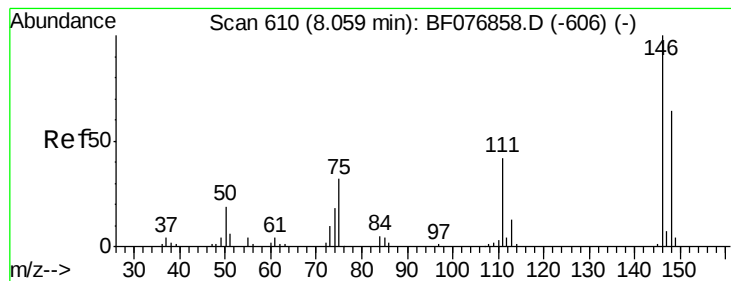
Tot Ion: 93 Resp: 92014
Ion Ratio Lower Upper
93 100
63 100.7 111.3 151.3#
95 30.0 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 38.39 ng
RT: 7.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion: 146 Resp: 102697
Ion Ratio Lower Upper
146 100
148 67.3 48.1 72.1
75 33.7 26.8 40.2





#13

1,4-Dichlorobenzene

Concen: 37.02 ng

RT: 8.01 min Scan# 606

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

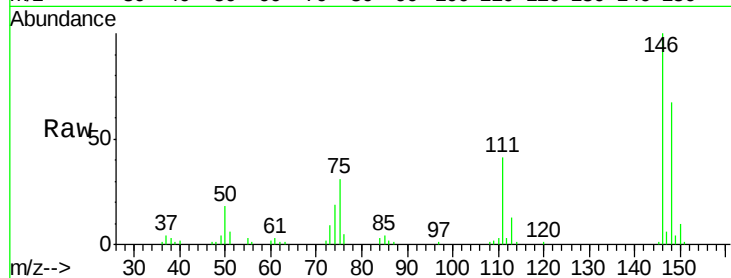
Tot Ion:146 Resp: 104997

Ion Ratio Lower Upper

146 100

148 66.6 51.5 77.3

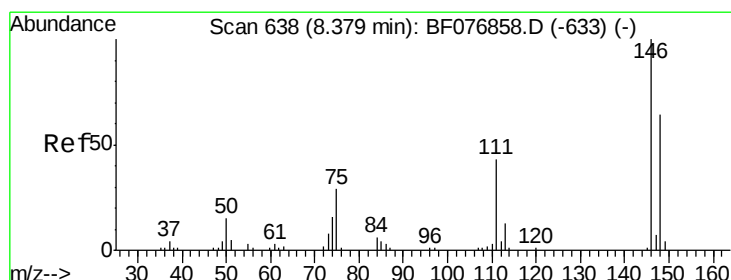
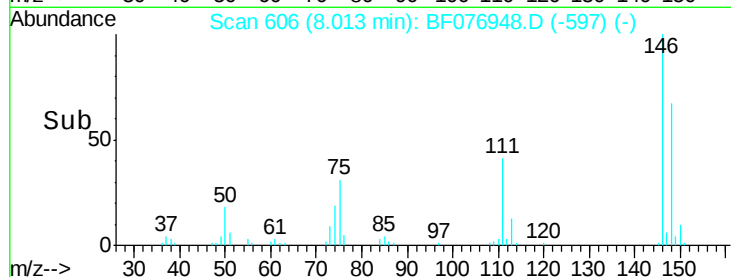
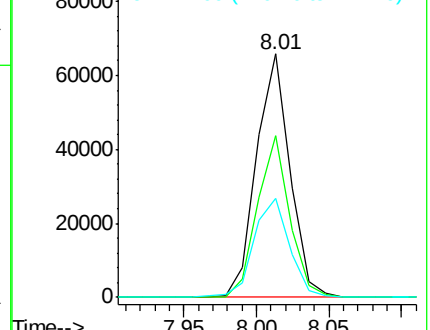
111 40.9 33.9 50.9



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: 39.02 ng

RT: 8.32 min Scan# 633

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

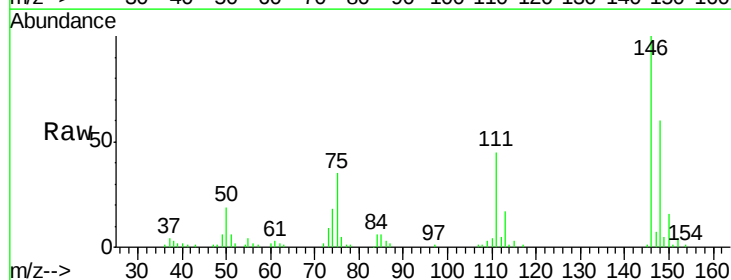
Tgt Ion:146 Resp: 101981

Ion Ratio Lower Upper

146 100

148 59.5 51.3 76.9

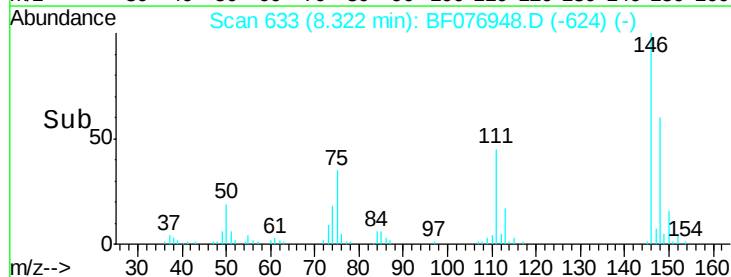
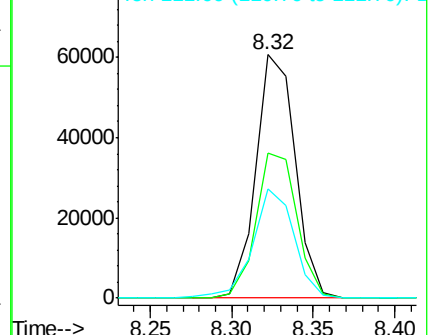
111 44.7 34.5 51.7

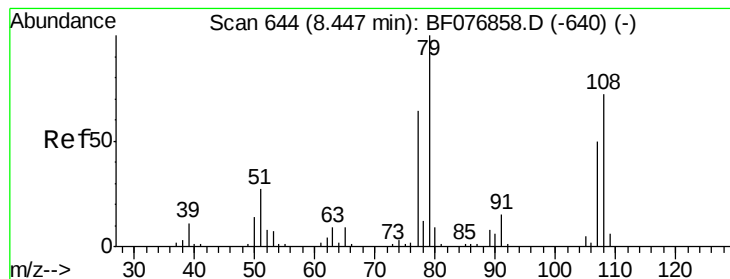


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 25.98 ng

RT: 8.40 min Scan# 640

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

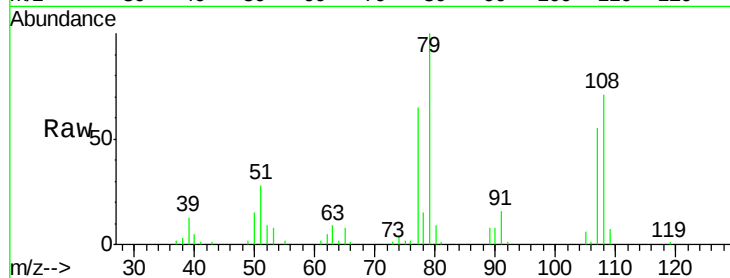
Tot Ion: 79 Resp: 54093

Ion Ratio Lower Upper

79 100

108 71.3 57.2 85.8

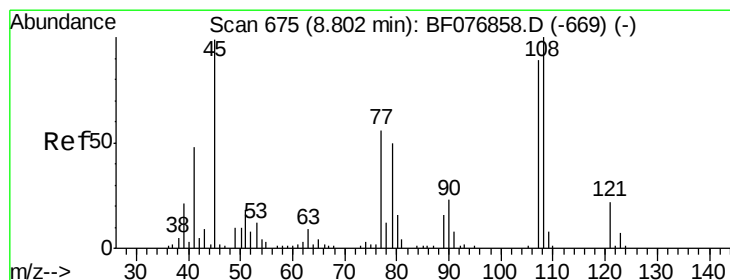
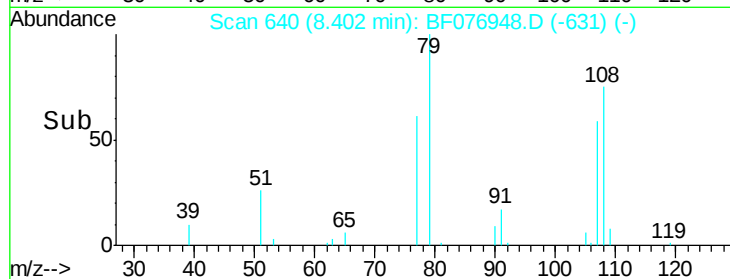
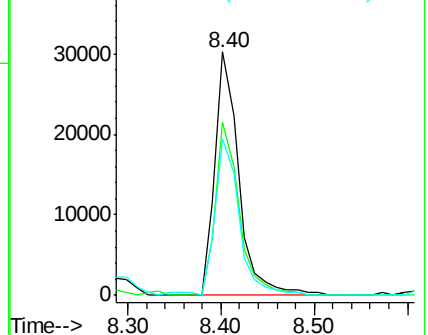
77 64.5 51.2 76.8



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: 42.38 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

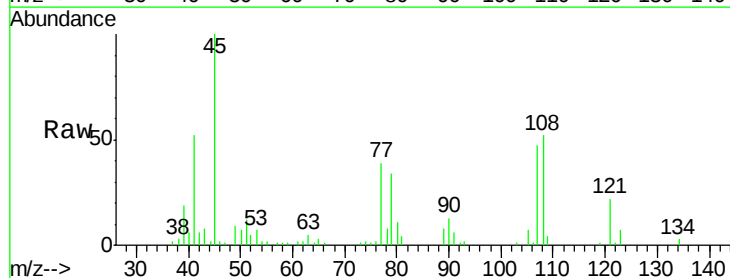
Tgt Ion: 45 Resp: 121780

Ion Ratio Lower Upper

45 100

77 39.3 36.1 76.1

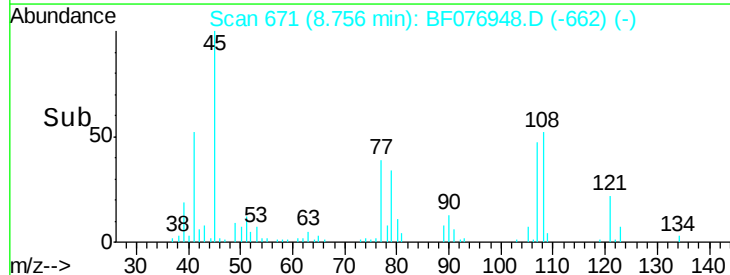
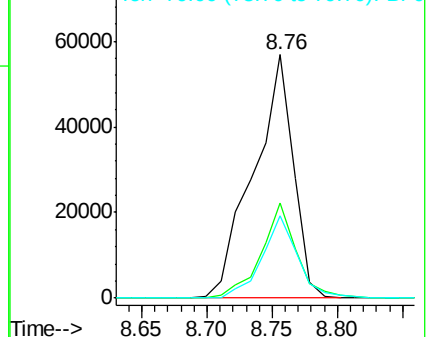
79 33.9 30.5 70.5

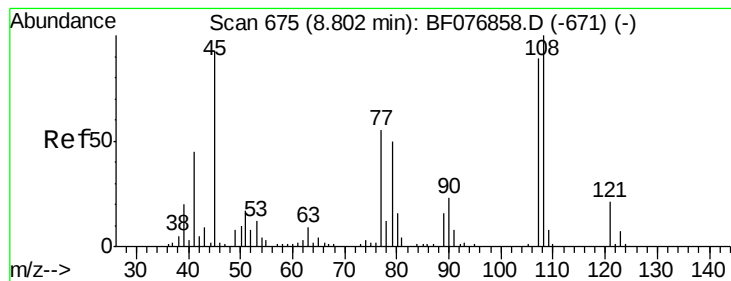


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

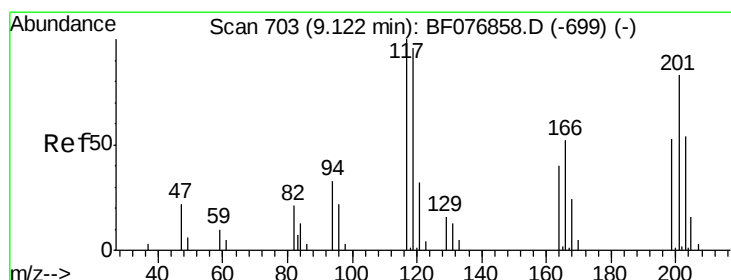
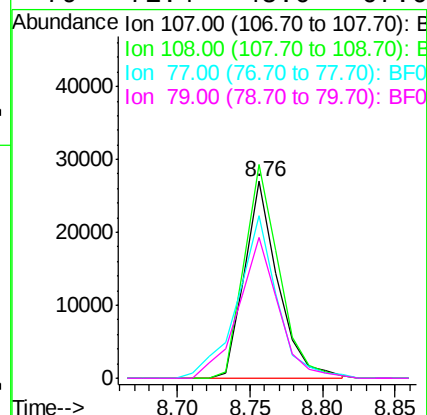
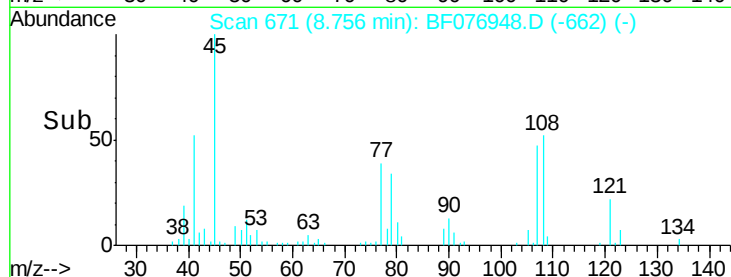
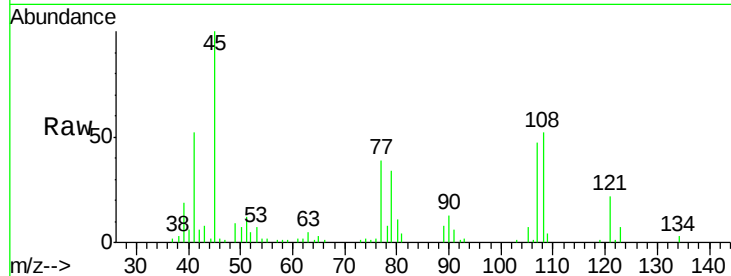




#17
2-Methylphenol
Concen: 22.55 ng
RT: 8.76 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

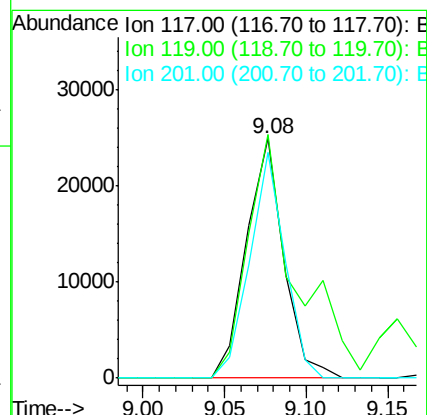
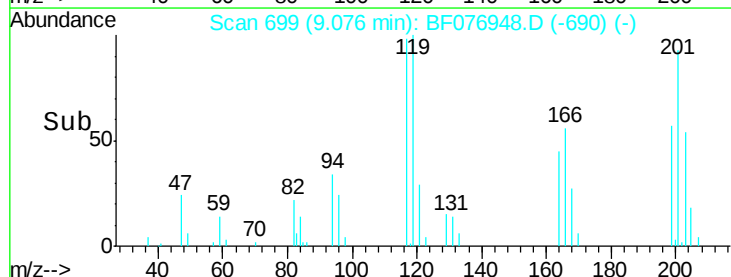
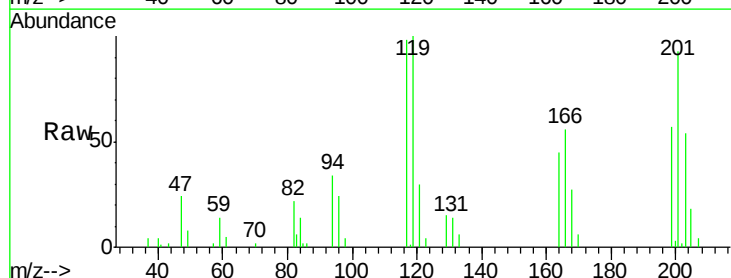
Instrument :
BNA_F
ClientSampleId :
S-1MS

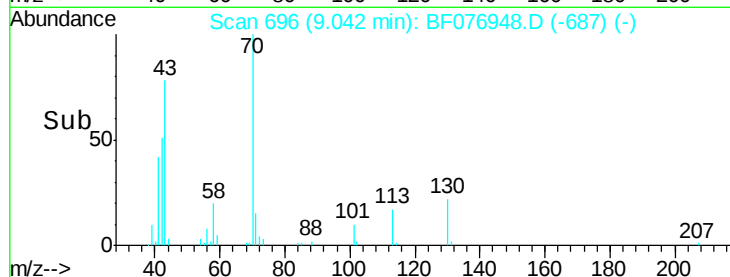
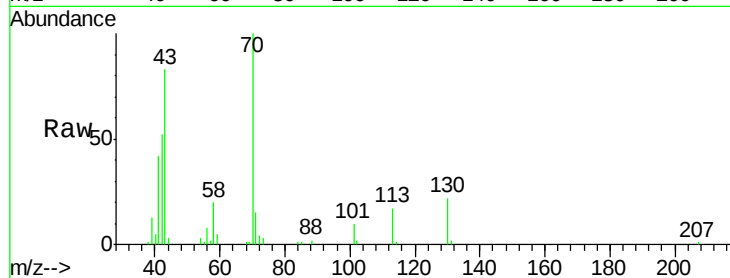
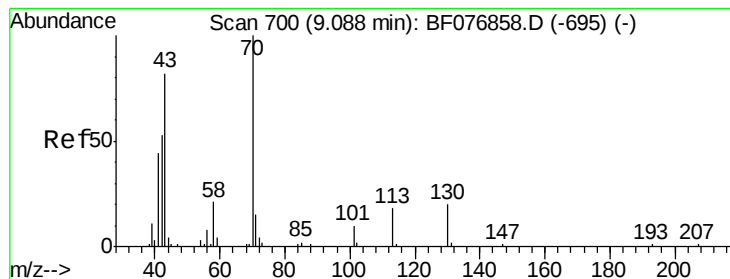
Tot Ion:107 Resp: 43323
Ion Ratio Lower Upper
107 100
108 108.6 89.7 134.5
77 82.9 50.1 75.1#
79 71.4 45.0 67.6#



#18
Hexachloroethane
Concen: 40.24 ng
RT: 9.08 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:117 Resp: 39701
Ion Ratio Lower Upper
117 100
119 101.8 77.1 115.7
201 94.2 66.8 100.2





#19

n-Nitroso-di-n-propylamine

Concen: 41.05 ng

RT: 9.04 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion: 70 Resp: 73924

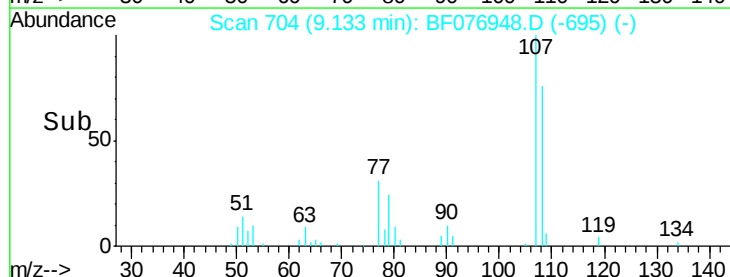
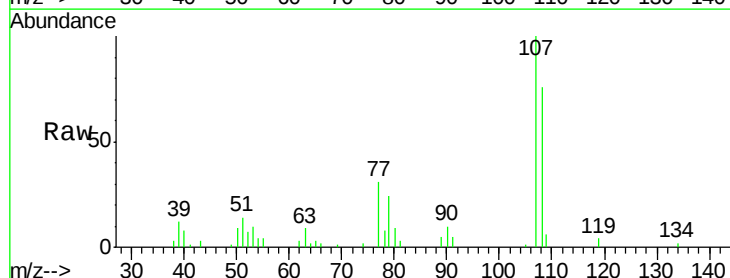
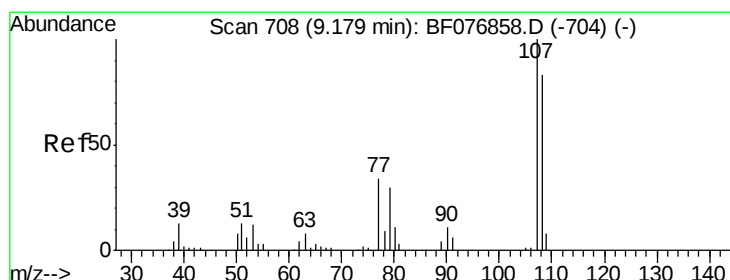
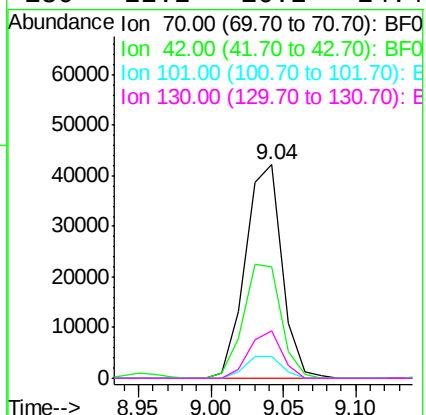
Ion Ratio Lower Upper

70 100

42 52.1 42.1 63.1

101 10.2 7.8 11.8

130 22.2 16.2 24.4



#20

3+4-Methylphenols

Concen: 18.92 ng

RT: 9.13 min Scan# 704

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Tgt Ion: 107 Resp: 48141

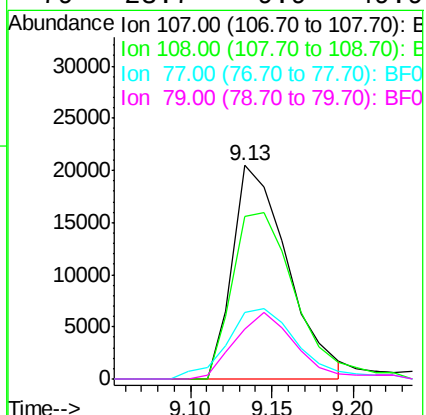
Ion Ratio Lower Upper

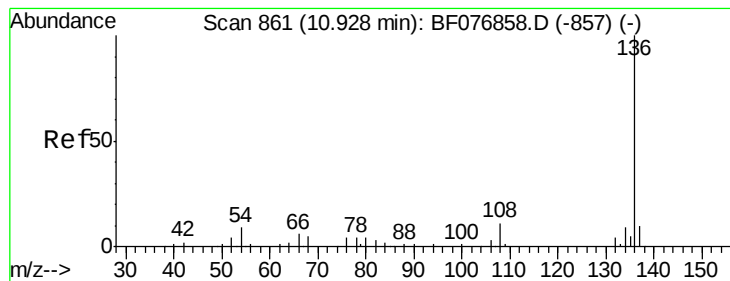
107 100

108 76.0 63.5 103.5

77 31.5 14.0 54.0

79 23.7 9.9 49.9





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion:136 Resp: 142871

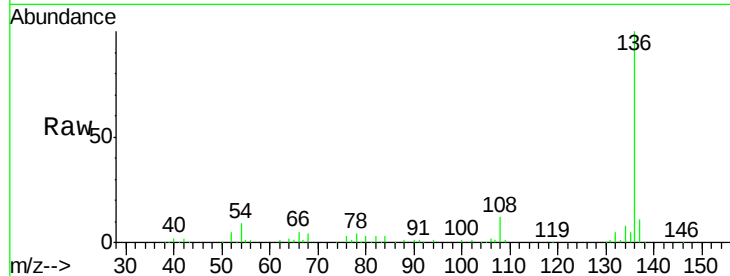
Ion Ratio Lower Upper

136 100

137 10.7 8.1 12.1

54 8.6 7.0 10.4

68 3.8 3.7 5.5

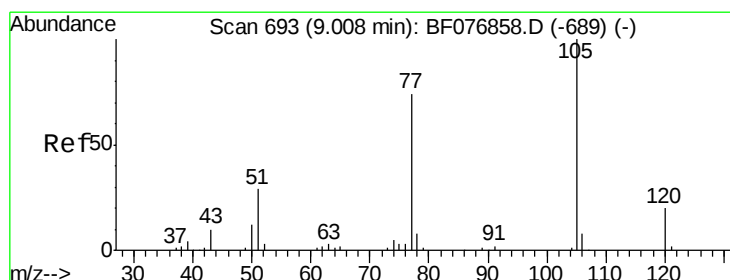
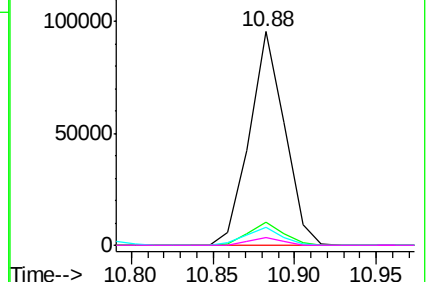
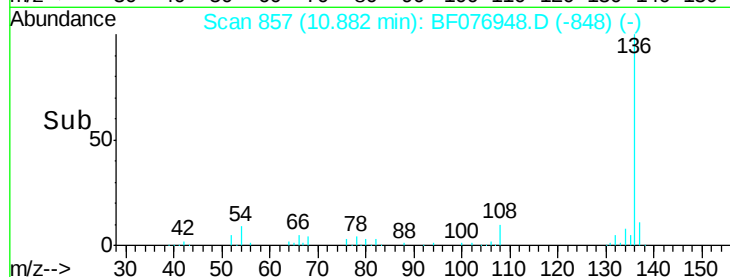


Abundance Ion 136.00 (135.70 to 136.70): E

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: 48.93 ng

RT: 8.96 min Scan# 689

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Tgt Ion:105 Resp: 171219

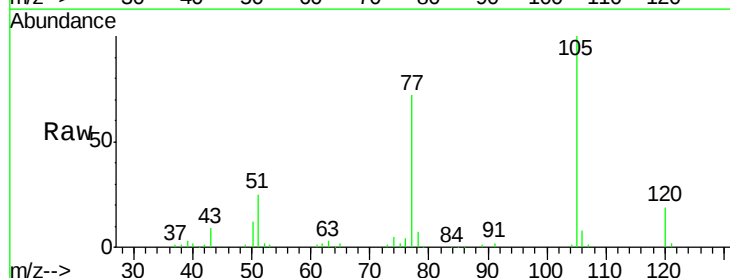
Ion Ratio Lower Upper

105 100

71 0.0 0.0 0.0

51 25.2 23.3 34.9

120 19.2 16.1 24.1

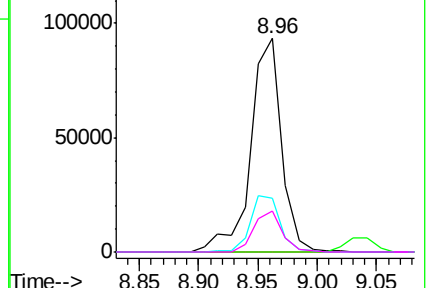
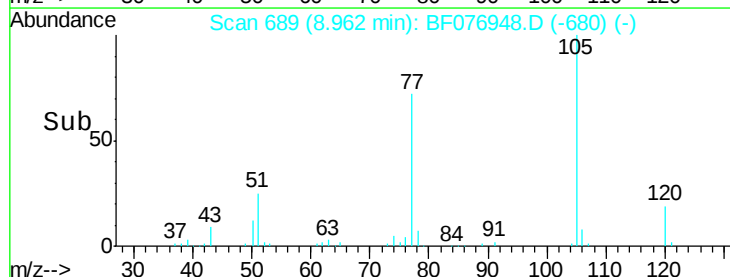


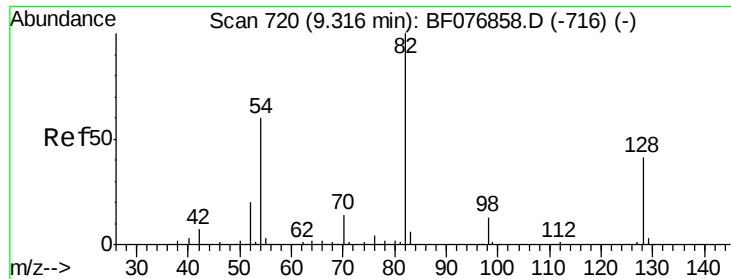
Abundance Ion 105.00 (104.70 to 105.70): E

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

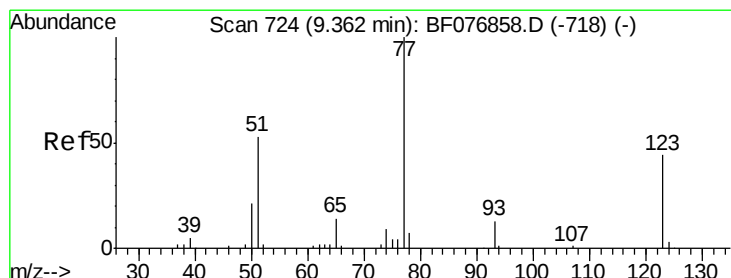
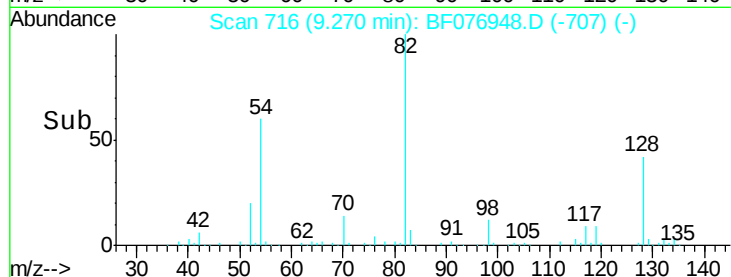
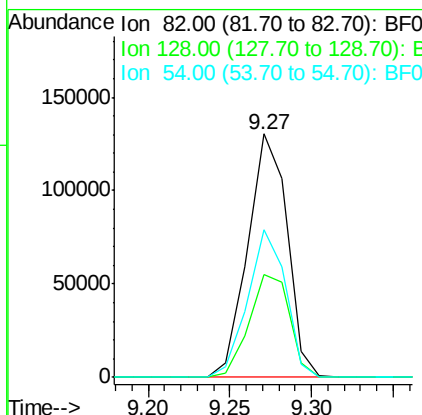
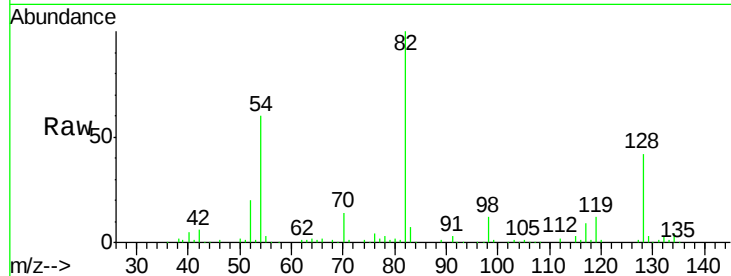




#23
 Nitrobenzene-d5
 Concen: 85.02 ng
 RT: 9.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

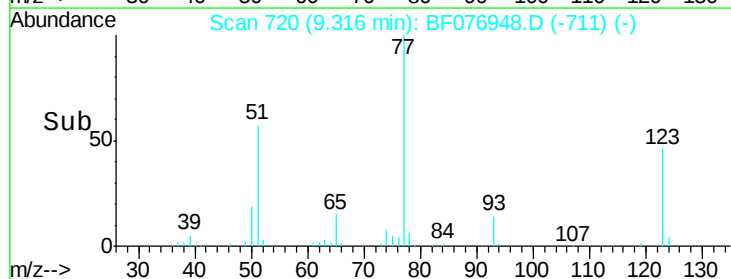
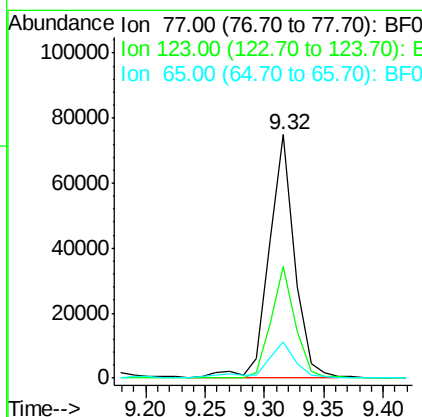
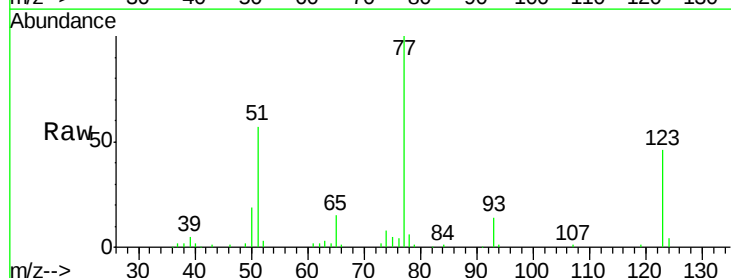
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

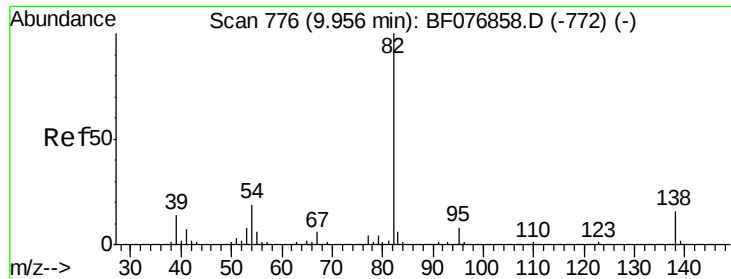
Tot Ion	82	Resp	219252
Ion Ratio	Lower	Upper	
82	100		
128	42.2	33.1	49.7
54	60.4	48.3	72.5



#24
 Nitrobenzene
 Concen: 42.82 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion	77	Resp	112481
Ion Ratio	Lower	Upper	
77	100		
123	46.1	35.2	52.8
65	14.9	11.4	17.2





#25

Isophorone

Concen: 42.81 ng

RT: 9.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

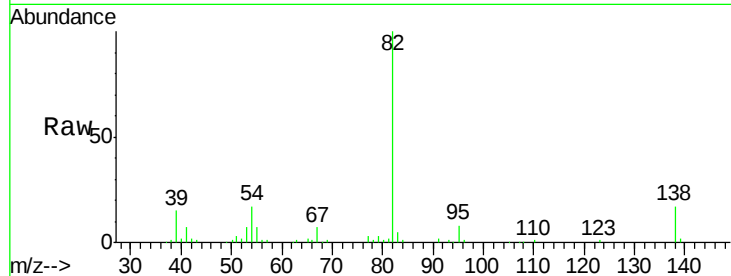
Tot Ion: 82 Resp: 201040

Ion Ratio Lower Upper

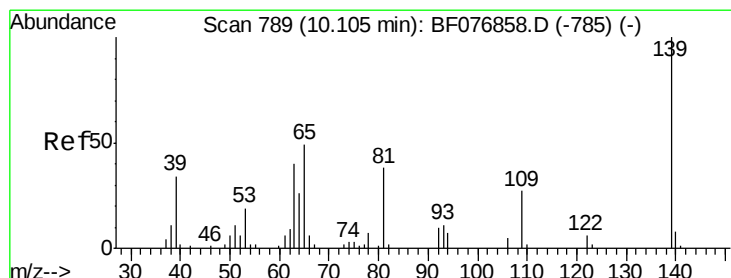
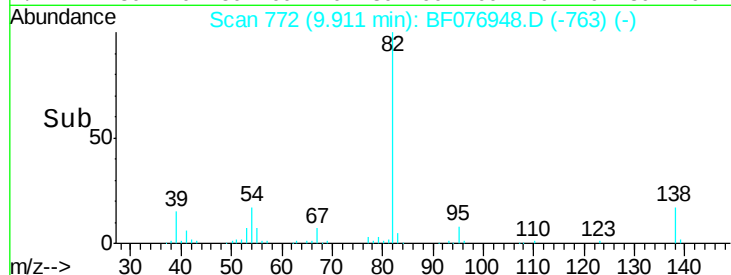
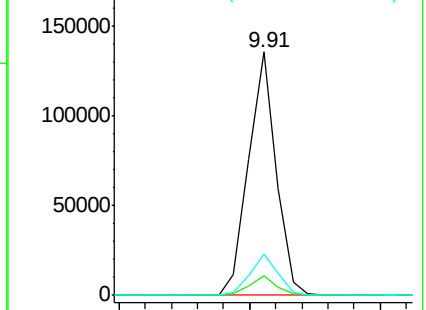
82 100

95 8.1 6.6 10.0

138 16.9 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: 29.05 ng

RT: 10.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

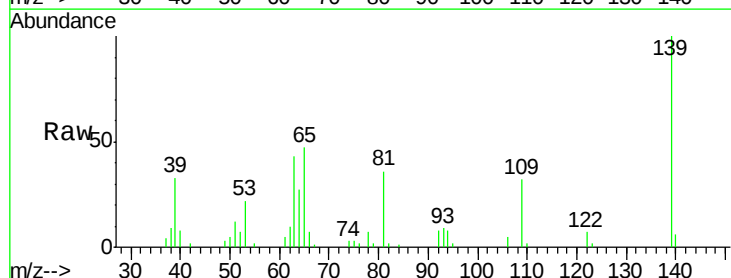
Tgt Ion: 139 Resp: 38111

Ion Ratio Lower Upper

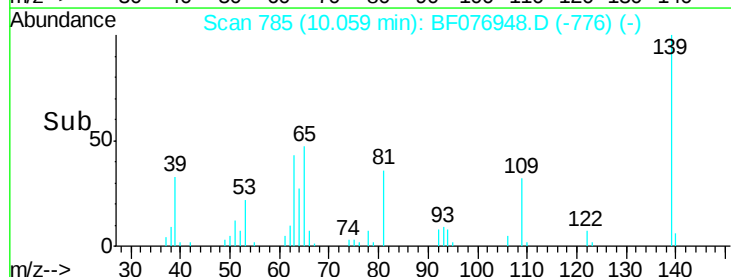
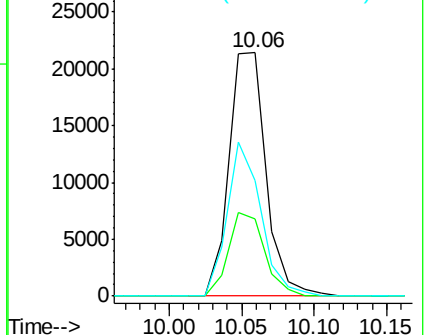
139 100

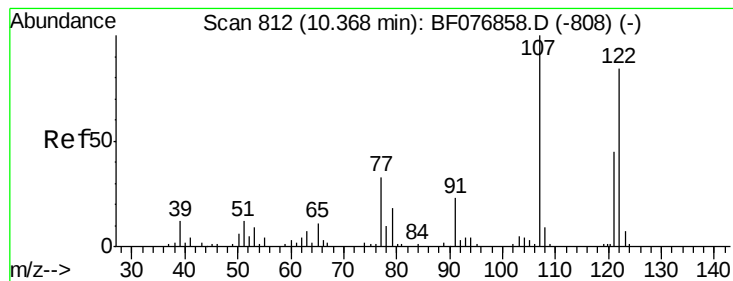
109 31.8 21.3 31.9

65 47.5 39.4 59.0



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





#27

2,4-Dimethylphenol

Concen: 34.40 ng

RT: 10.33 min Scan# 809

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

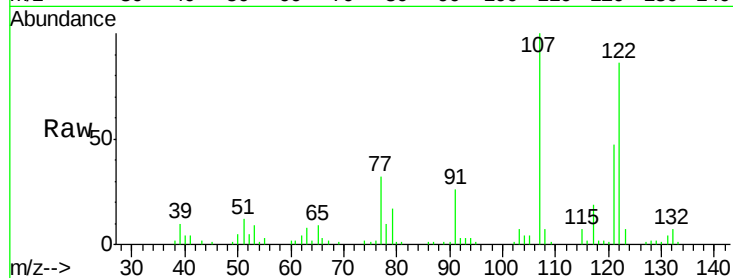
Tot Ion:122 Resp: 69883

Ion Ratio Lower Upper

122 100

107 116.5 95.2 142.8

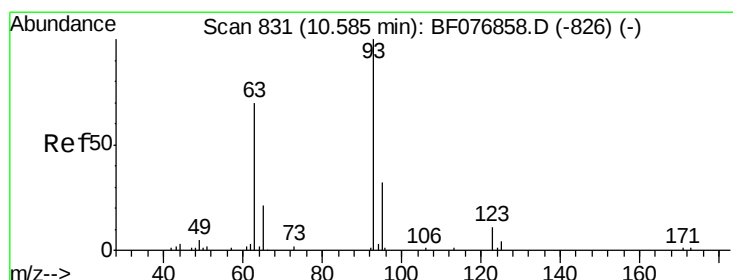
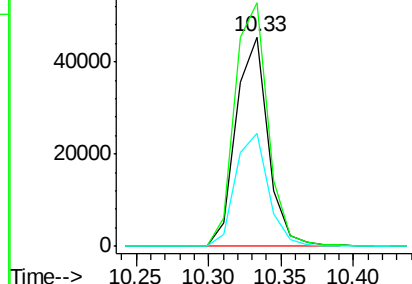
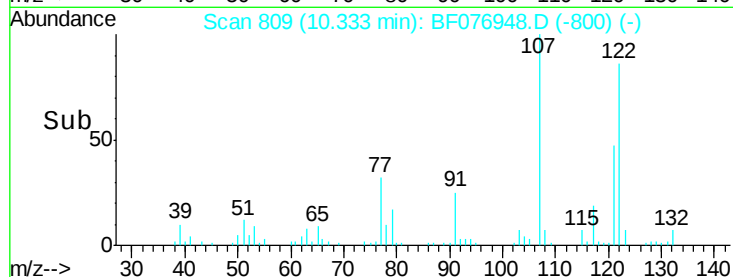
121 54.2 42.9 64.3



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: 44.78 ng

RT: 10.54 min Scan# 827

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

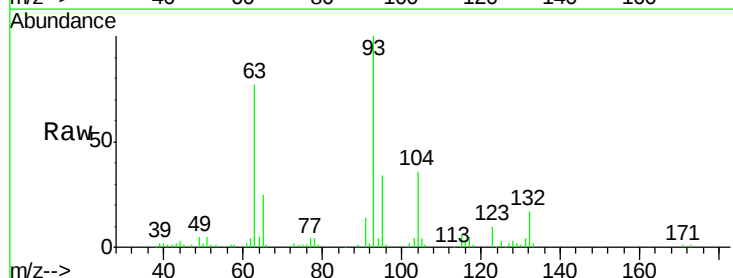
Tgt Ion: 93 Resp: 119532

Ion Ratio Lower Upper

93 100

95 33.6 25.6 38.4

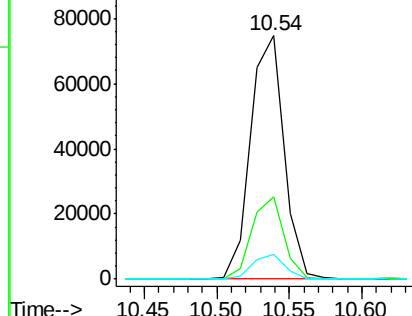
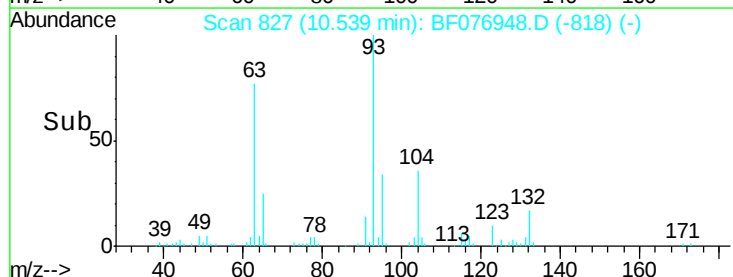
123 10.2 8.9 13.3



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

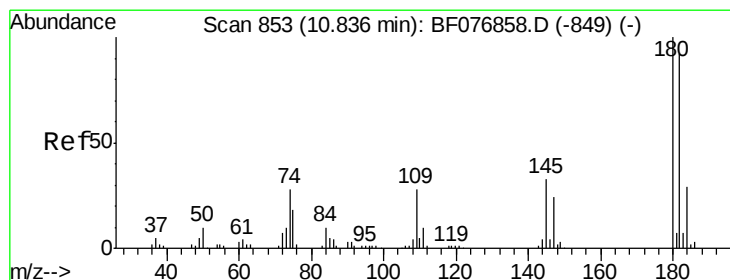
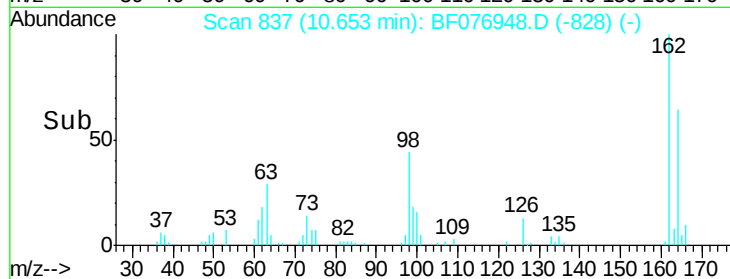
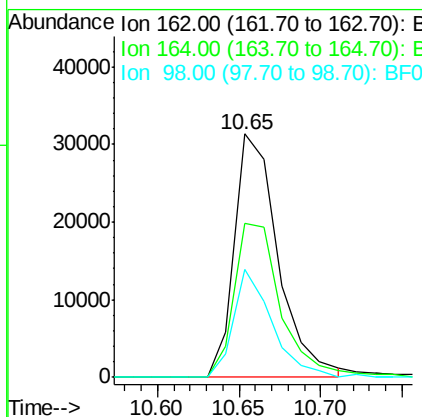
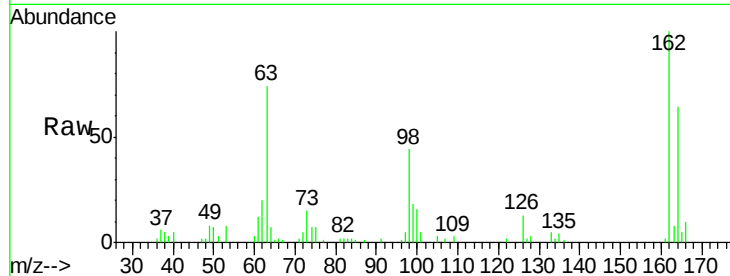




#29
 2,4-Dichlorophenol
 Concen: 30.68 ng
 RT: 10.65 min Scan# 837
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

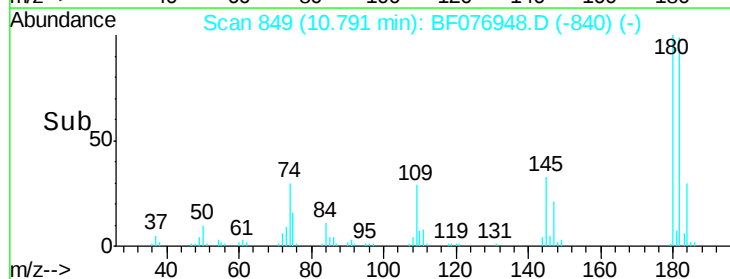
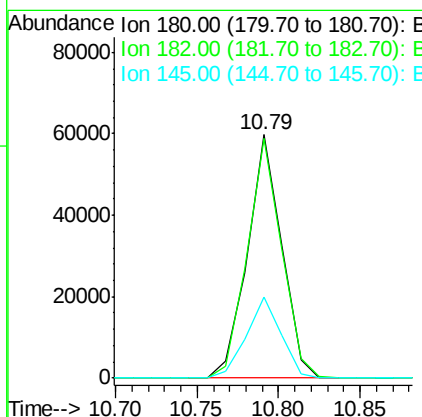
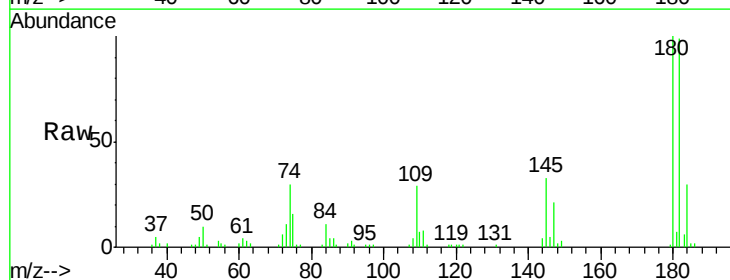
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

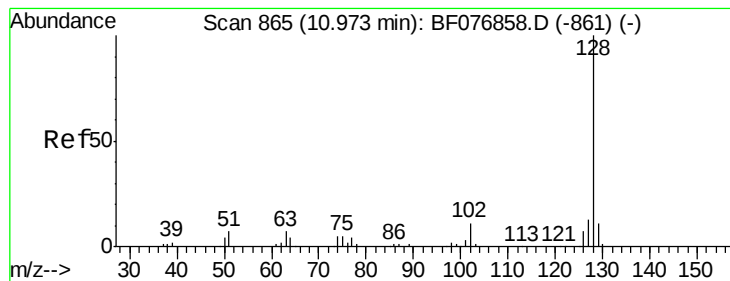
Tot Ion:162 Resp: 58092
 Ion Ratio Lower Upper
 162 100
 164 63.5 43.8 83.8
 98 44.5 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 41.37 ng
 RT: 10.79 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:180 Resp: 86997
 Ion Ratio Lower Upper
 180 100
 182 98.6 73.6 110.4
 145 33.3 26.6 39.8





#31

Naphthalene

Concen: 59.15 ng

RT: 10.93 min Scan# 861

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

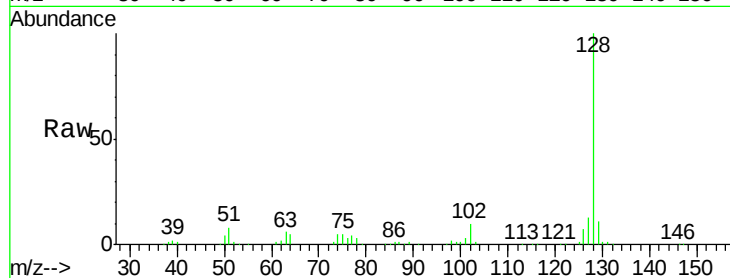
Tot Ion:128 Resp: 435060

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

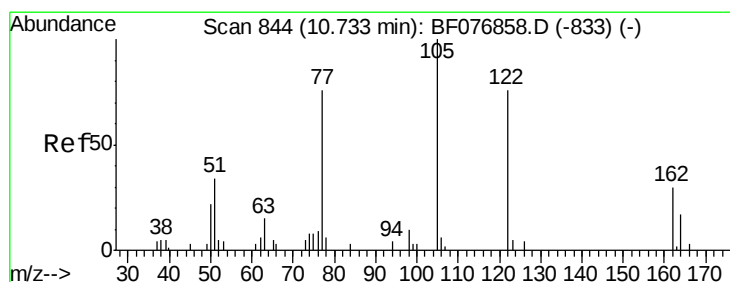
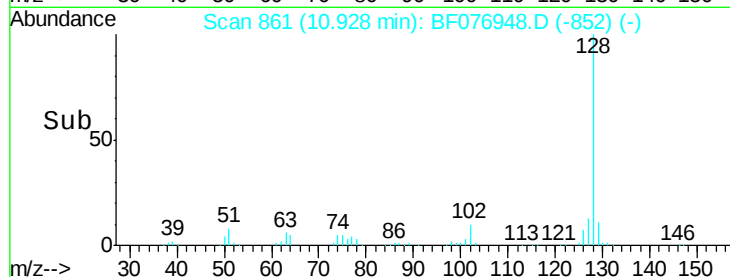
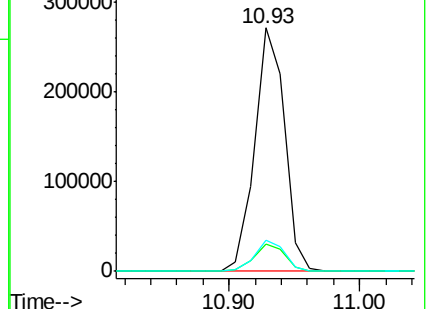
127 12.9 10.2 15.2



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



#32

Benzoic acid

Concen: 9.85 ng

RT: 10.62 min Scan# 834

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

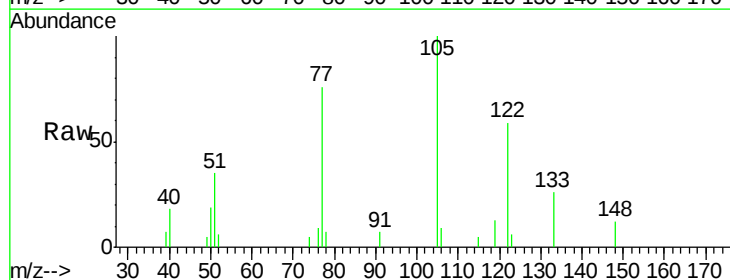
Tgt Ion:122 Resp: 11084

Ion Ratio Lower Upper

122 100

105 170.3 111.3 151.3#

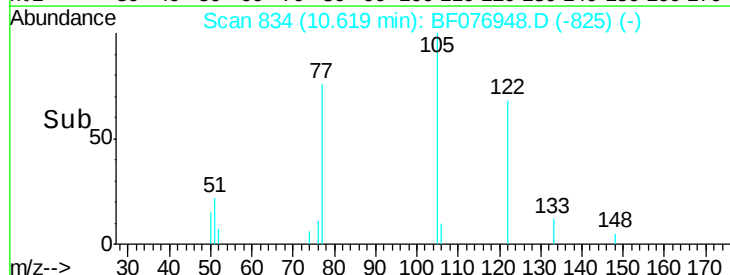
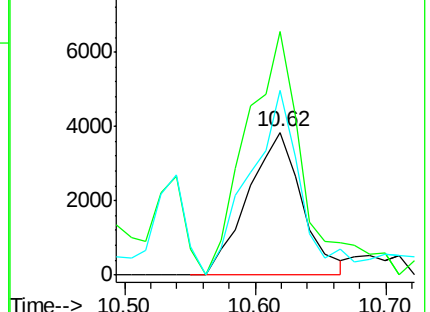
77 129.4 79.2 119.2#

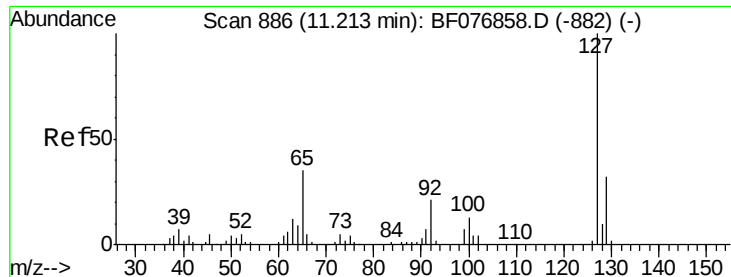


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

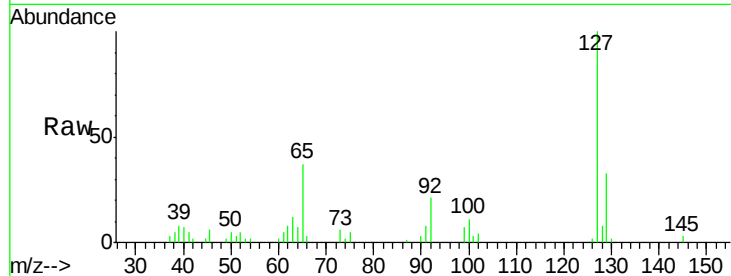




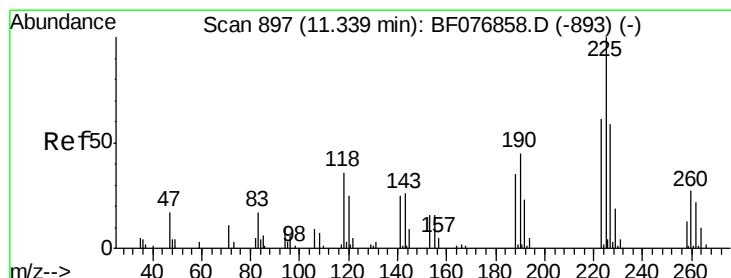
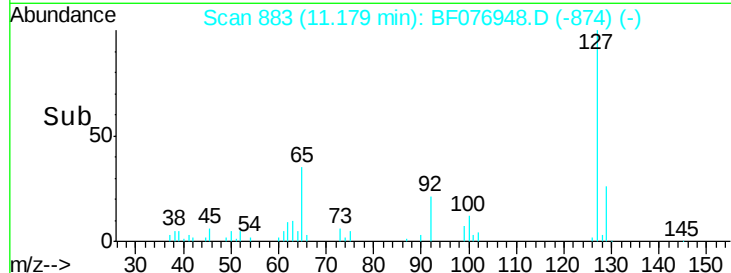
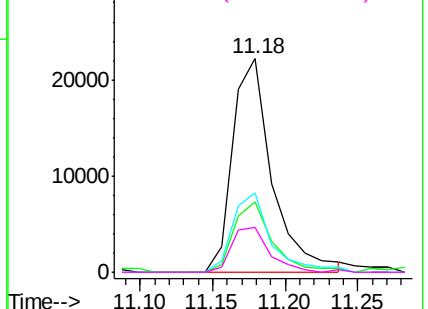
#33
4-Chloroaniline
Concen: 14.14 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:127	Resp:	42020
Ion	Ratio	Lower Upper
127	100	
129	33.1	25.3 37.9
65	37.0	27.8 41.6
92	20.9	16.5 24.7

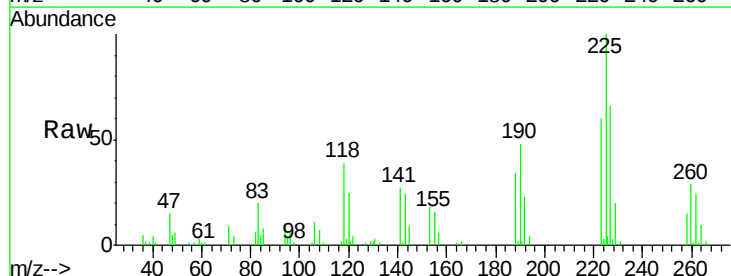


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

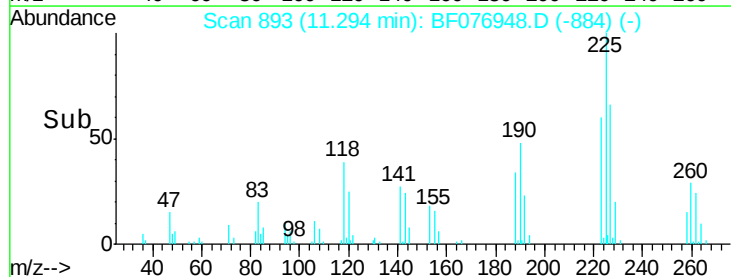
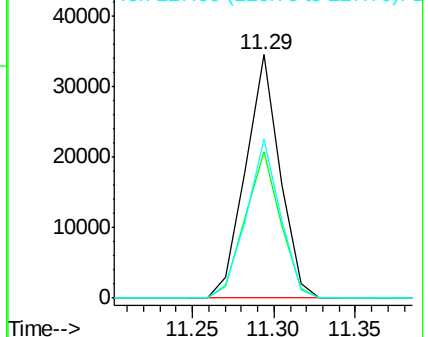


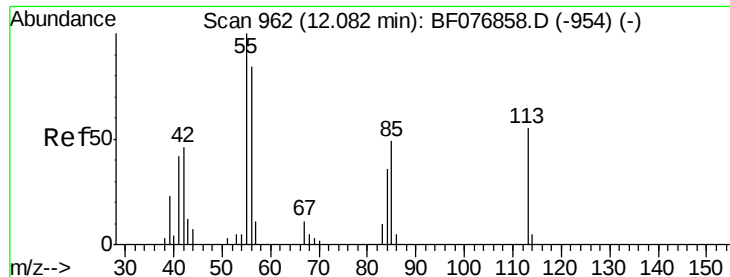
#34
Hexachlorobutadiene
Concen: 40.27 ng
RT: 11.29 min Scan# 893
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:225	Resp:	50251
Ion	Ratio	Lower Upper
225	100	
223	60.3	49.1 73.7
227	65.5	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

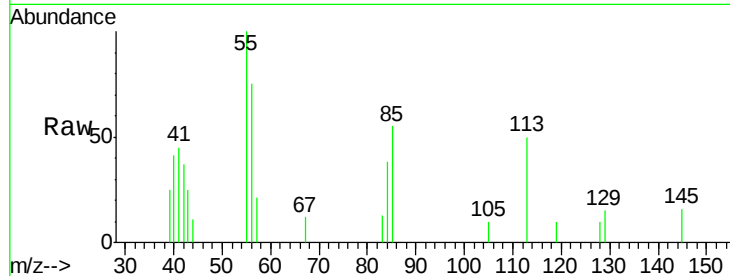




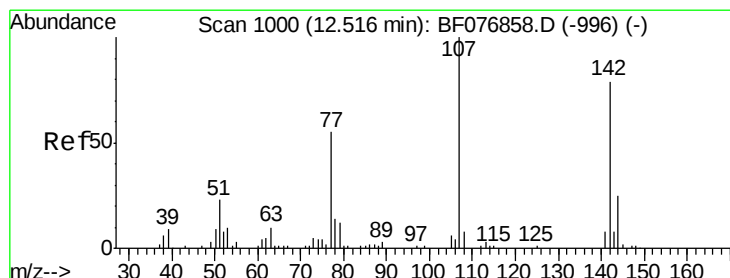
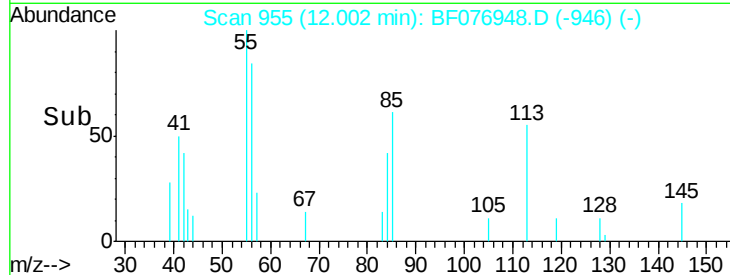
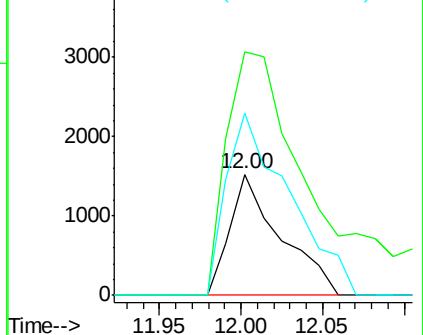
#35
 Caprolactam
 Concen: 5.87 ng
 RT: 12.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion:113 Resp: 3272
 Ion Ratio Lower Upper
 113 100
 55 201.6 162.1 202.1
 56 151.3 133.7 173.7

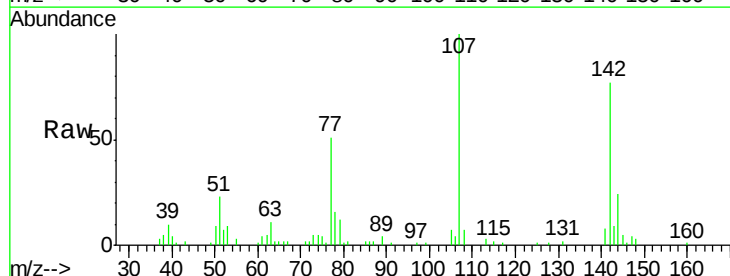


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

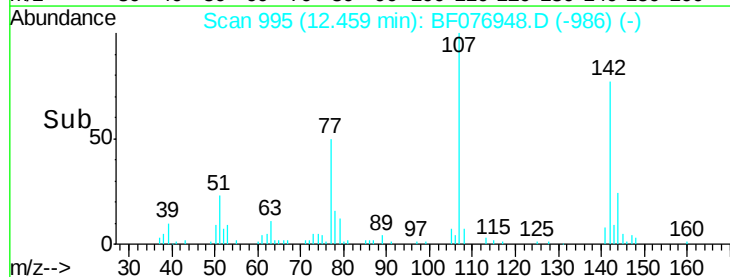
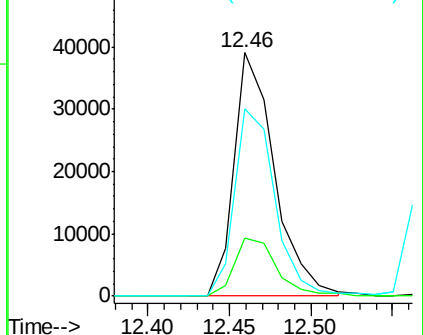


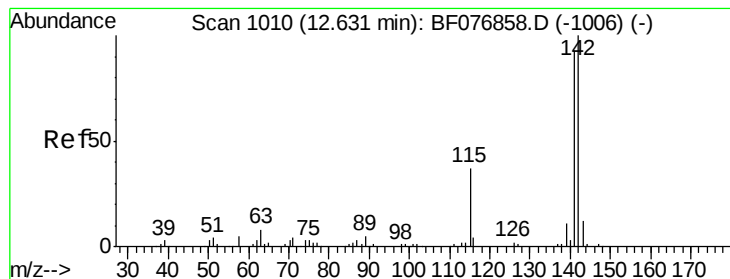
#36
 4-Chloro-3-methylphenol
 Concen: 31.00 ng
 RT: 12.46 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:107 Resp: 67203
 Ion Ratio Lower Upper
 107 100
 144 23.7 20.0 30.0
 142 76.9 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: 75.27 ng

RT: 12.59 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

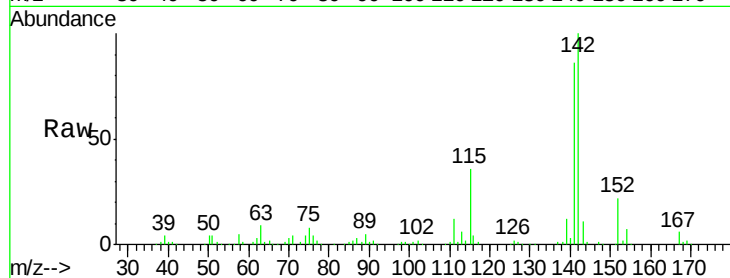
Tot Ion:142 Resp: 378088

Ion Ratio Lower Upper

142 100

141 86.2 74.5 111.7

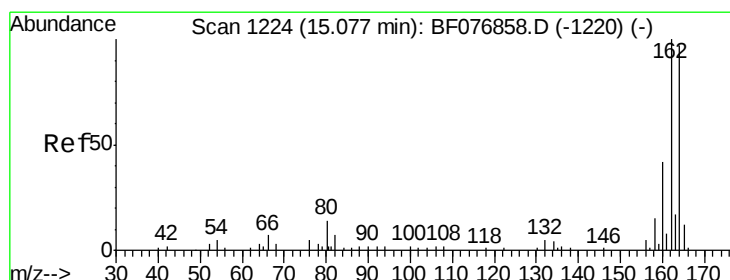
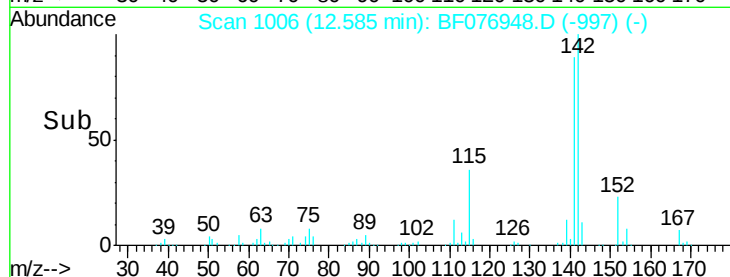
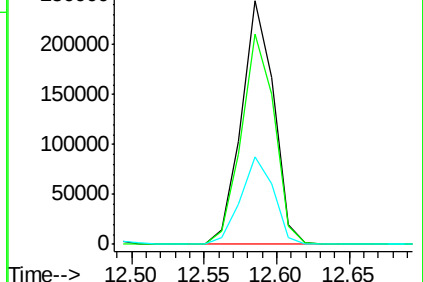
115 36.1 29.7 44.5



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: 15.02 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

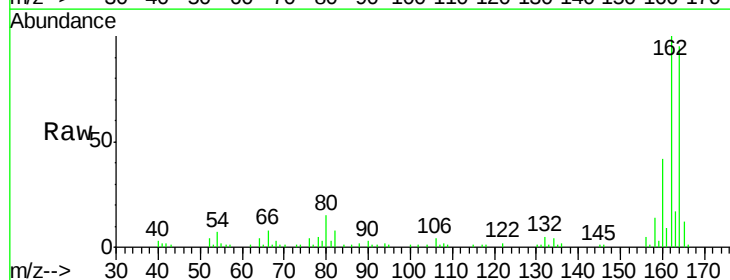
Tgt Ion:164 Resp: 75186

Ion Ratio Lower Upper

164 100

162 105.4 82.4 123.6

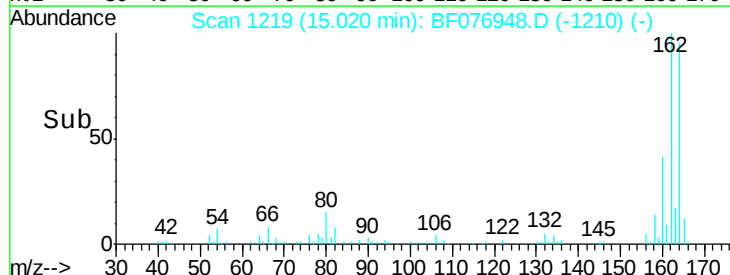
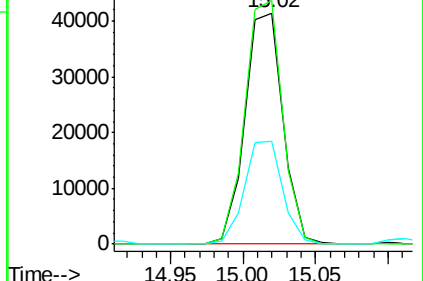
160 44.8 34.8 52.2

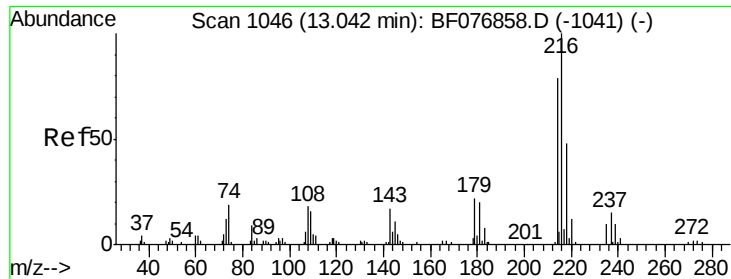


Abundance Ion 164.00 (163.70 to 164.70): E

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: 45.67 ng

RT: 12.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion:216 Resp: 84886

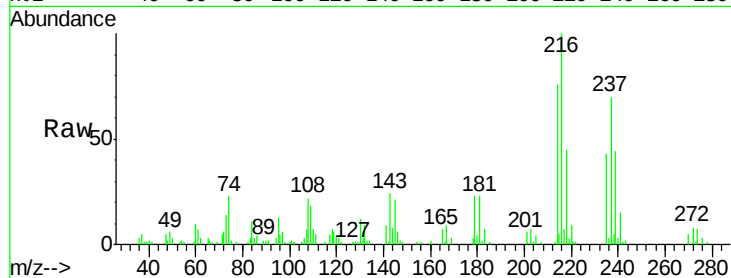
Ion Ratio Lower Upper

216 100

214 77.9 64.9 97.3

179 23.5 18.6 28.0

108 24.2 18.1 27.1

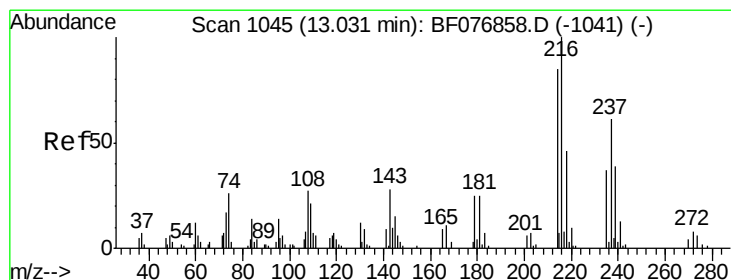
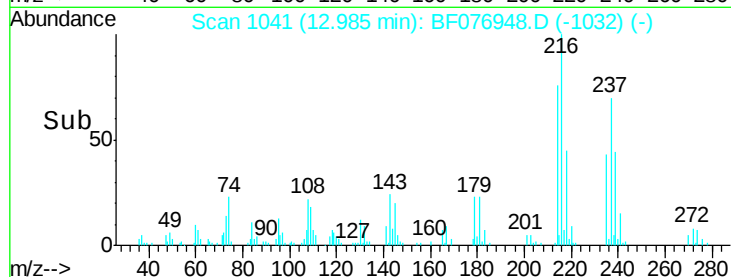
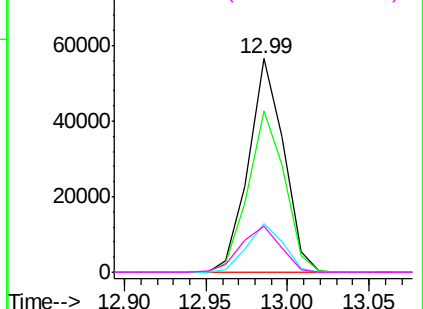


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.57 ng

RT: 12.97 min Scan# 1040

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

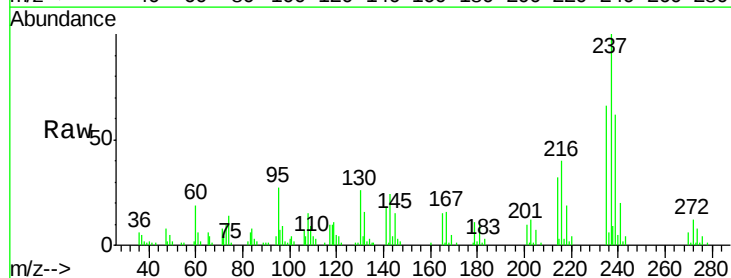
Tgt Ion:237 Resp: 87030

Ion Ratio Lower Upper

237 100

235 65.9 40.4 80.4

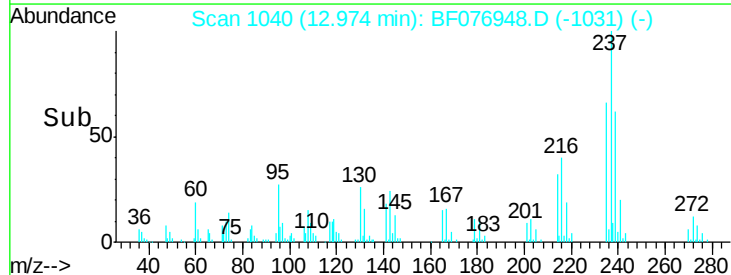
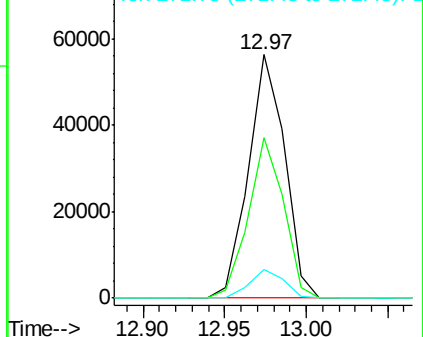
272 11.6 0.0 33.2



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

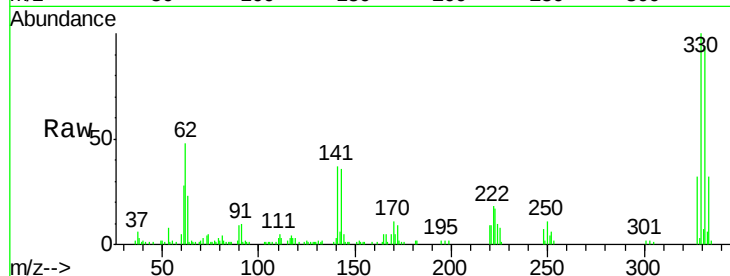




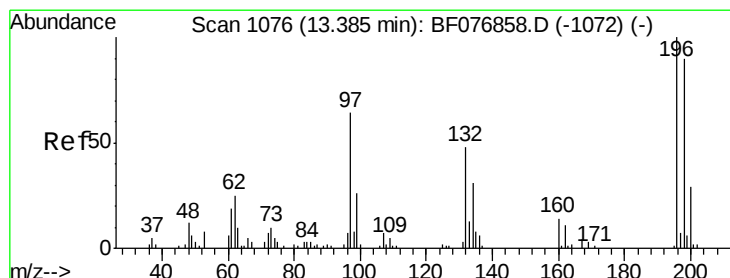
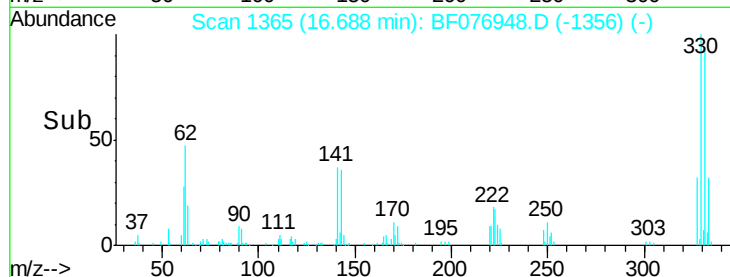
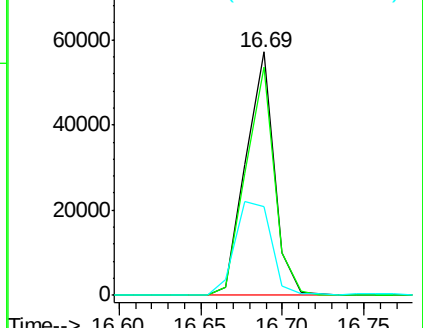
#41
 2,4,6-Tribromophenol
 Concen: 113.39 ng
 RT: 16.69 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion:330 Resp: 69205
 Ion Ratio Lower Upper
 330 100
 332 94.4 77.8 116.6
 141 49.2 38.5 57.7

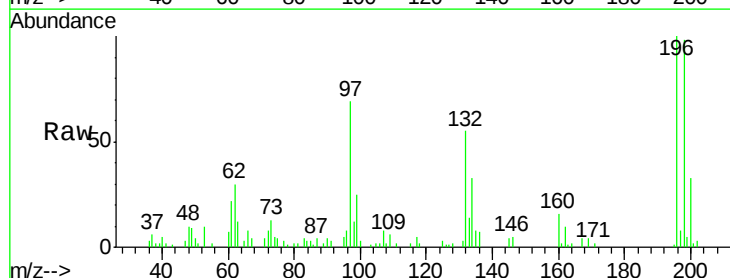


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

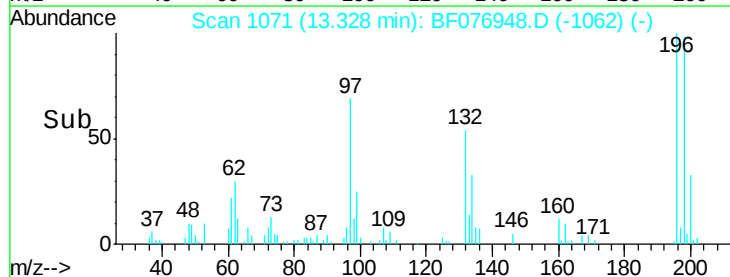
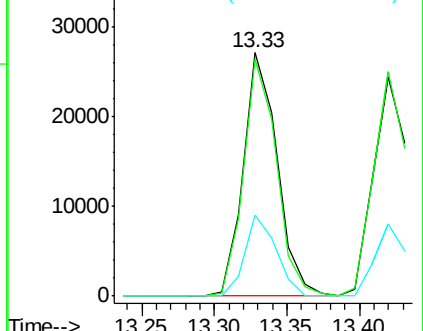


#42
 2,4,6-Trichlorophenol
 Concen: 32.49 ng
 RT: 13.33 min Scan# 1071
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:196 Resp: 43999
 Ion Ratio Lower Upper
 196 100
 198 97.6 72.0 108.0
 200 33.2 23.4 35.2



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

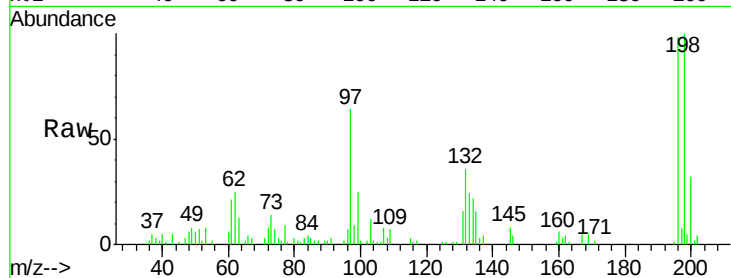




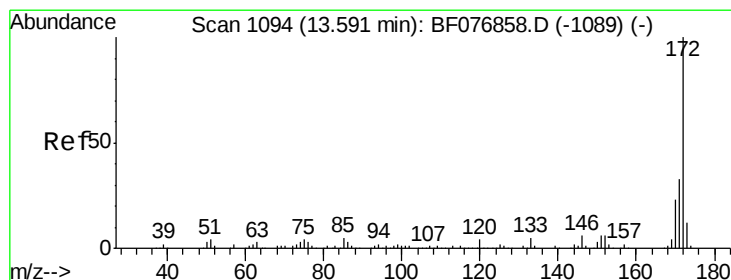
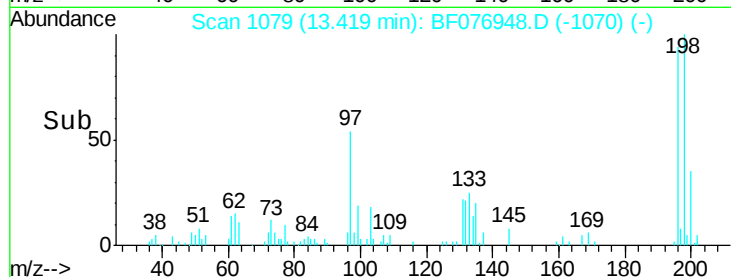
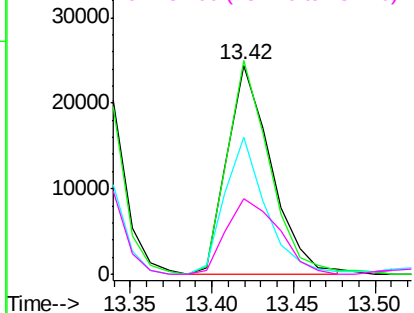
#43
 2,4,5-Trichlorophenol
 Concen: 33.17 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion:196 Resp: 45819
 Ion Ratio Lower Upper
 196 100
 198 102.2 76.6 115.0
 97 65.7 43.4 65.0#
 132 36.3 23.7 35.5#

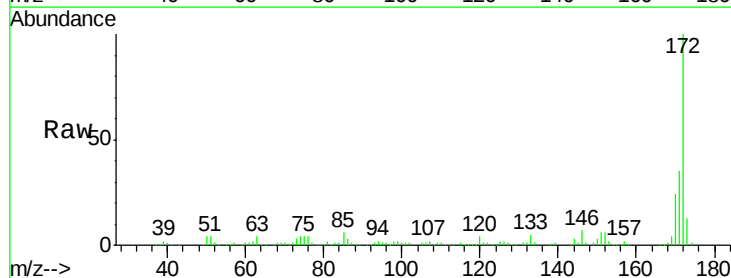


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

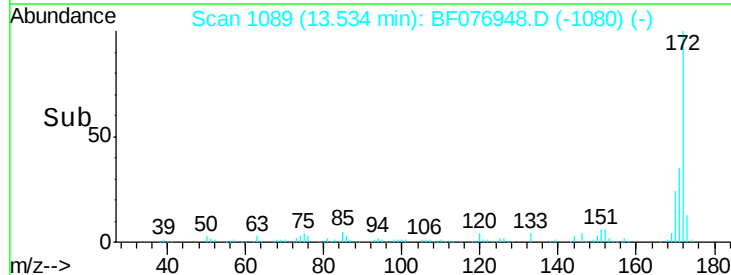
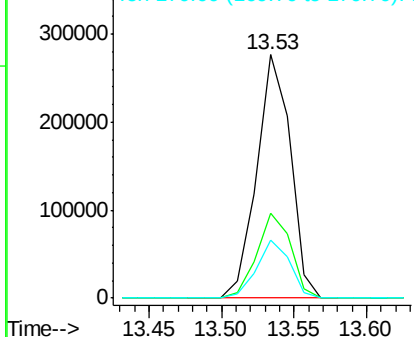


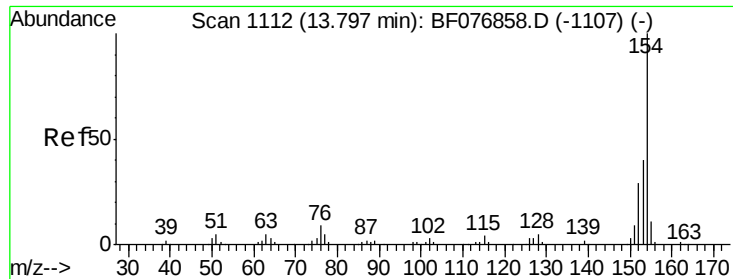
#44
 2-Fluorobiphenyl
 Concen: 90.09 ng
 RT: 13.53 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:172 Resp: 445097
 Ion Ratio Lower Upper
 172 100
 171 34.9 26.6 40.0
 170 23.8 18.0 27.0



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

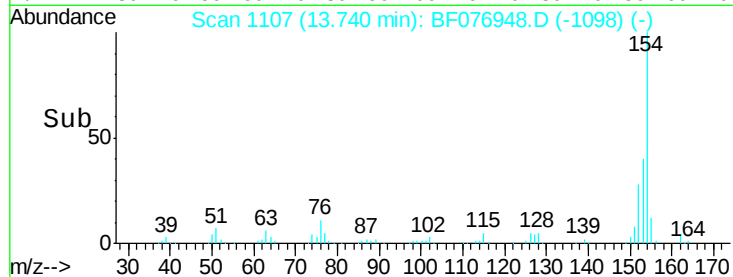
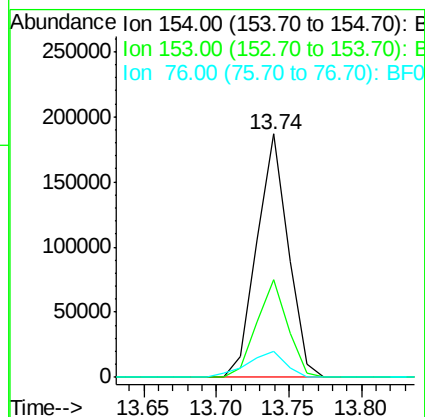
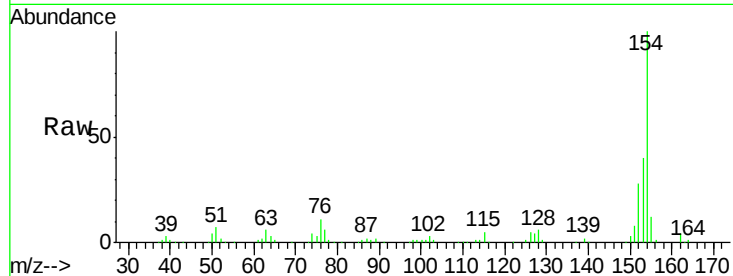




#45
 1,1'-Biphenyl
 Concen: 50.20 ng
 RT: 13.74 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

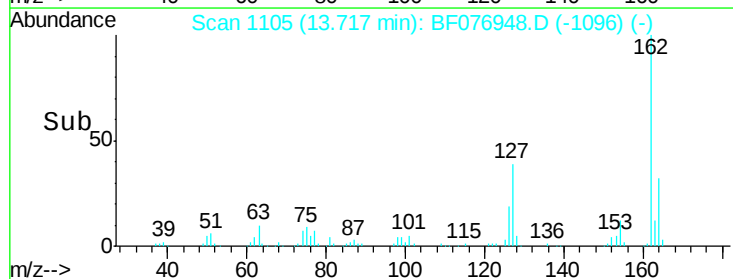
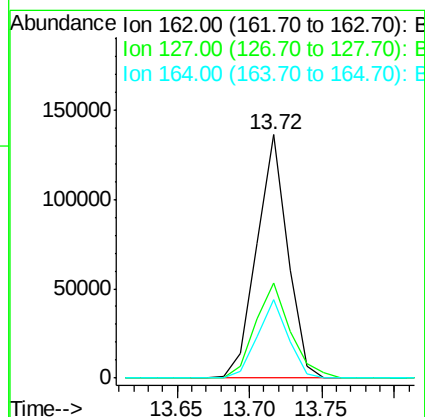
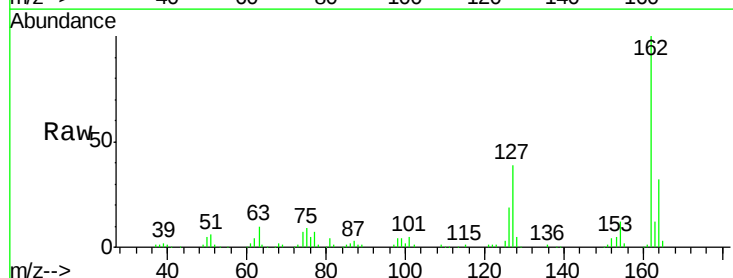
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

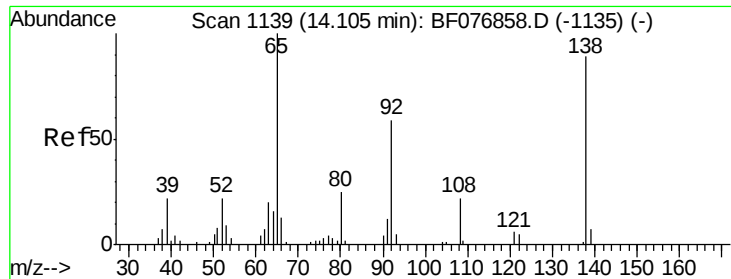
Tot Ion:154 Resp: 279778
 Ion Ratio Lower Upper
 154 100
 153 40.2 20.2 60.2
 76 10.5 0.0 29.0



#46
 2-Chloronaphthalene
 Concen: 44.03 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:162 Resp: 201966
 Ion Ratio Lower Upper
 162 100
 127 39.2 33.8 50.6
 164 32.1 26.8 40.2

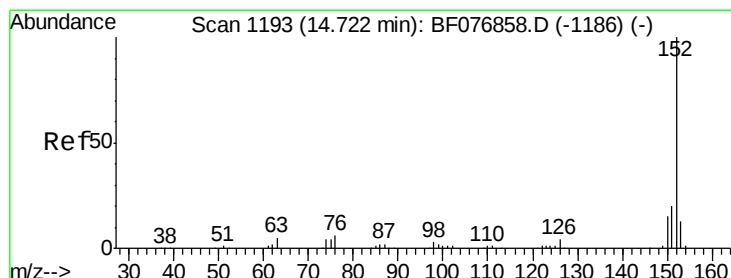
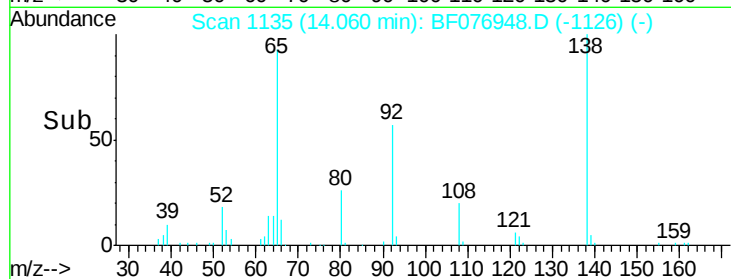
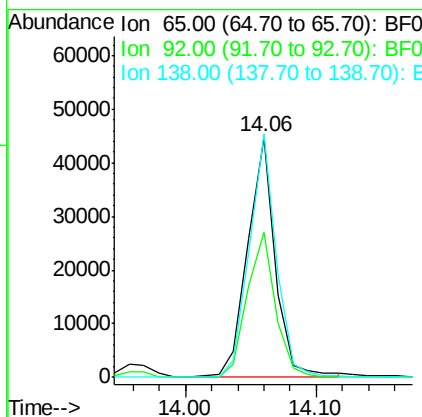
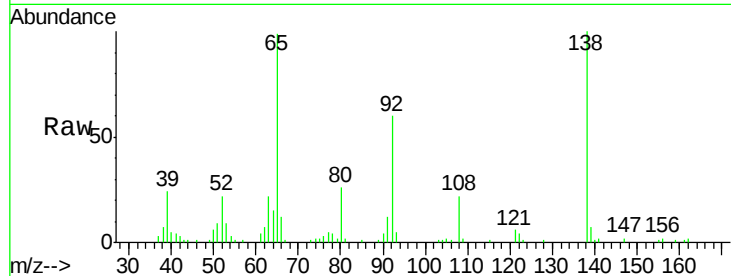




#47
2-Nitroaniline
Concen: 47.74 ng
RT: 14.06 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

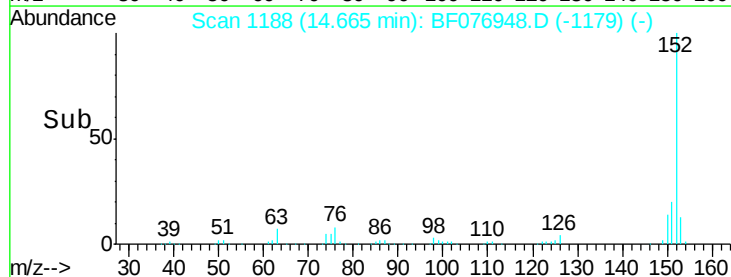
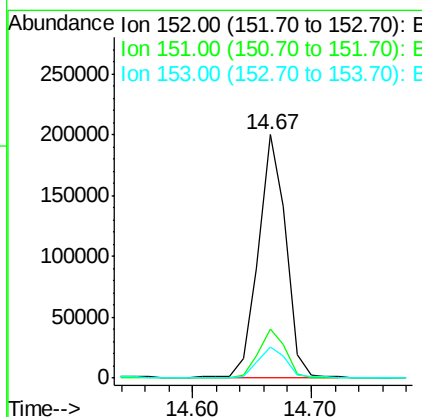
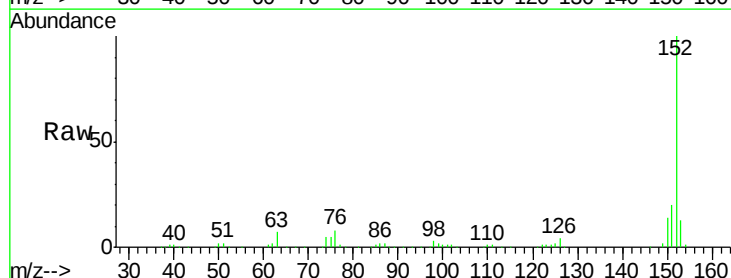
Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion: 65 Resp: 66422
Ion Ratio Lower Upper
65 100
92 60.4 47.3 70.9
138 101.4 71.4 107.2



#48
Acenaphthylene
Concen: 42.15 ng
RT: 14.67 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion: 152 Resp: 326087
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.0 10.2 15.4





#49

Dimethylphthalate

Concen: 45.12 ng

RT: 14.61 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

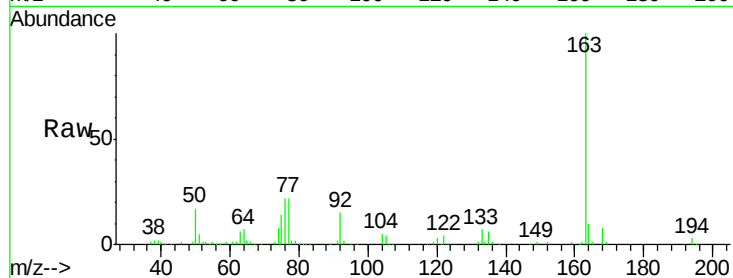
Tot Ion:163 Resp: 240561

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

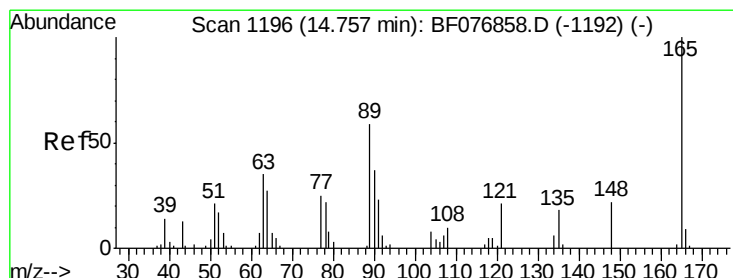
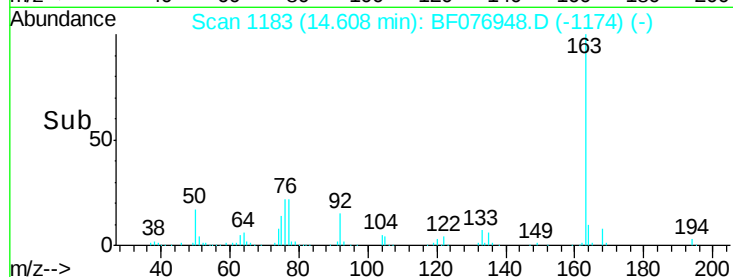
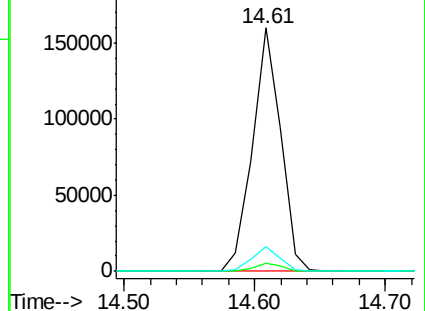
164 10.0 7.5 11.3



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: 47.89 ng

RT: 14.70 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

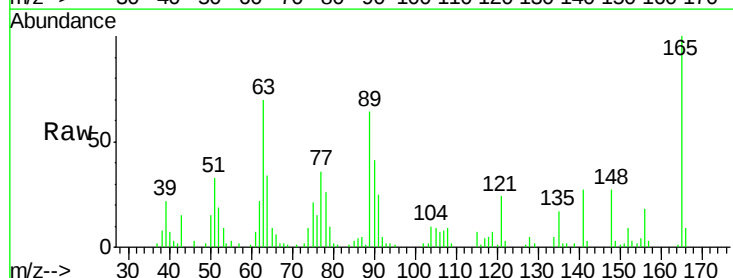
Tgt Ion:165 Resp: 51014

Ion Ratio Lower Upper

165 100

63 69.6 48.1 72.1

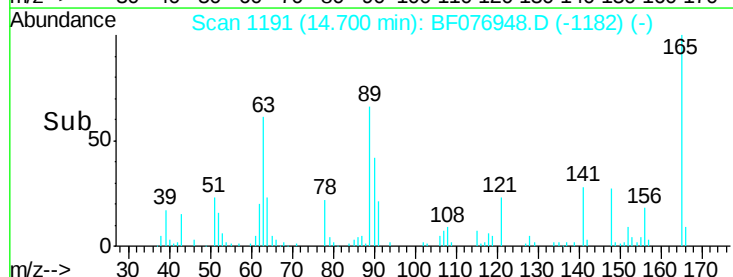
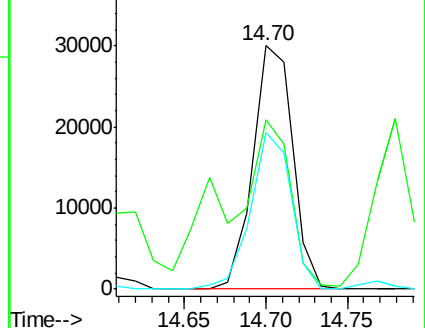
89 64.2 47.2 70.8

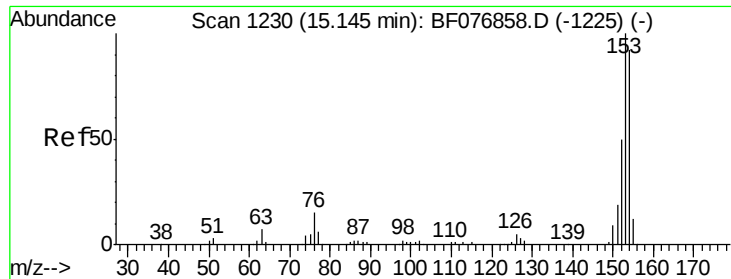


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.43 ng

RT: 15.09 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

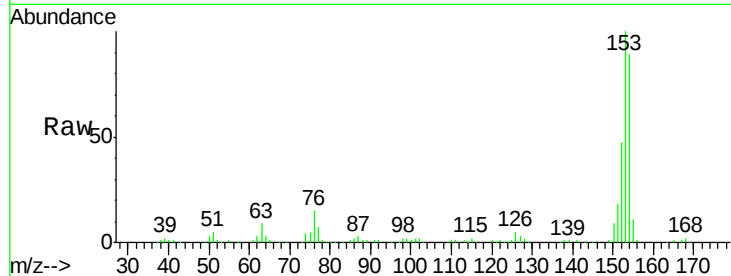
Tot Ion:154 Resp: 190630

Ion Ratio Lower Upper

154 100

153 112.5 87.0 130.6

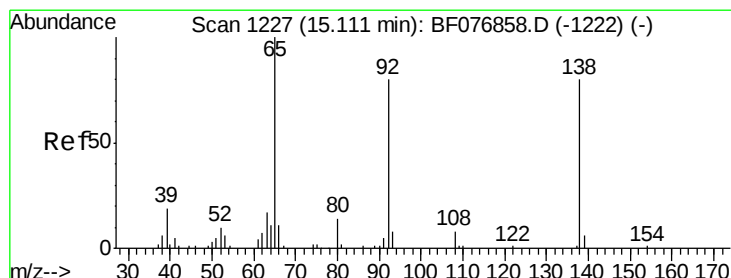
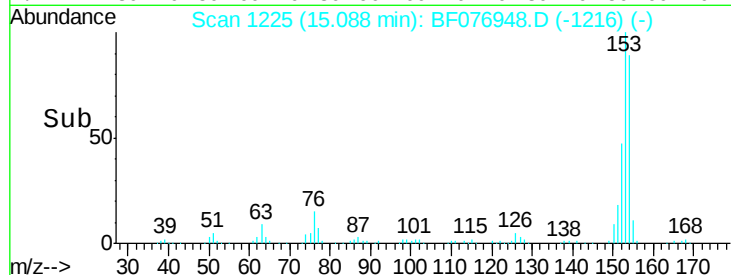
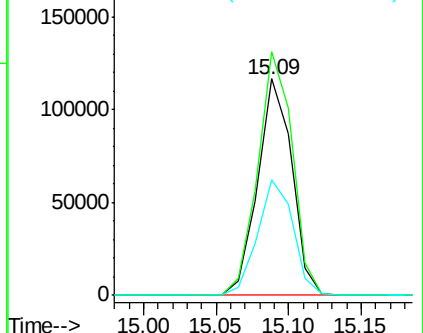
152 53.2 43.5 65.3



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.58 ng

RT: 15.05 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

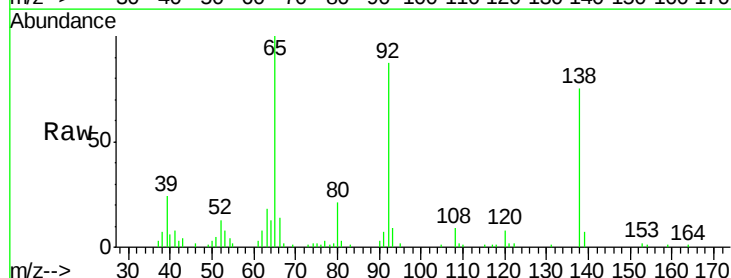
Tgt Ion:138 Resp: 34357

Ion Ratio Lower Upper

138 100

108 12.5 8.3 12.5

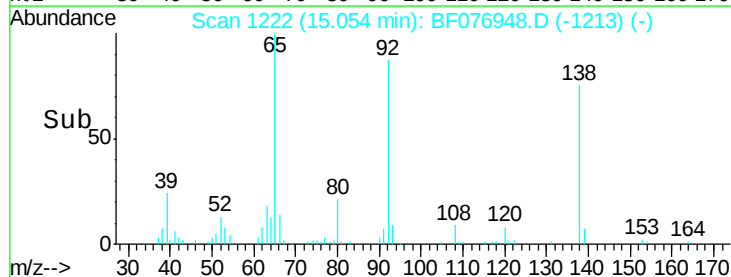
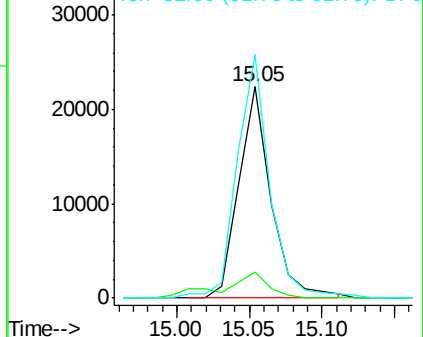
92 115.1 80.9 121.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

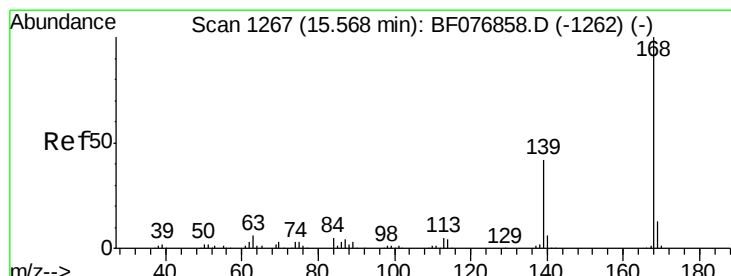
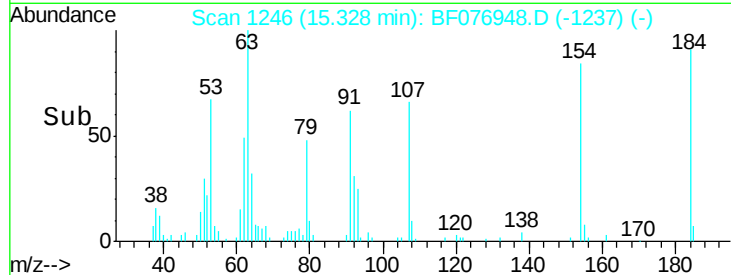
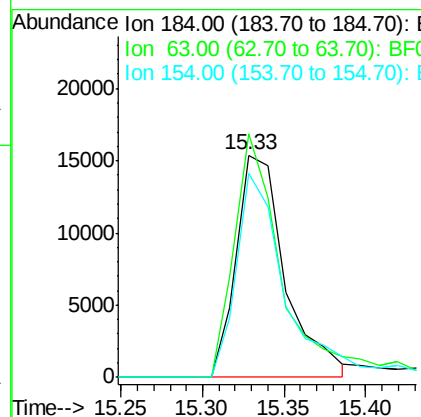
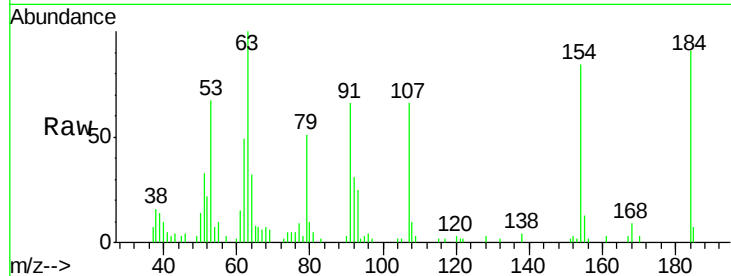




#53
 2,4-Dinitrophenol
 Concen: 66.31 ng
 RT: 15.33 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

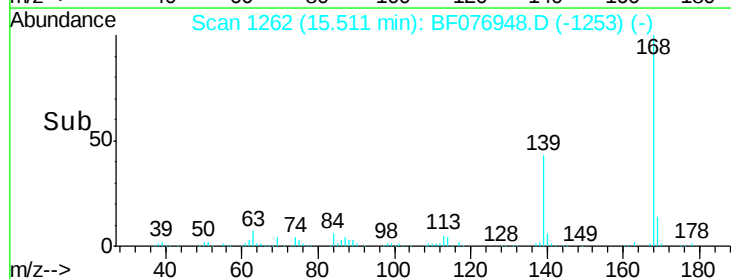
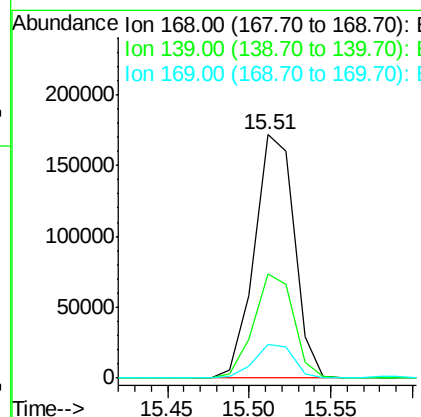
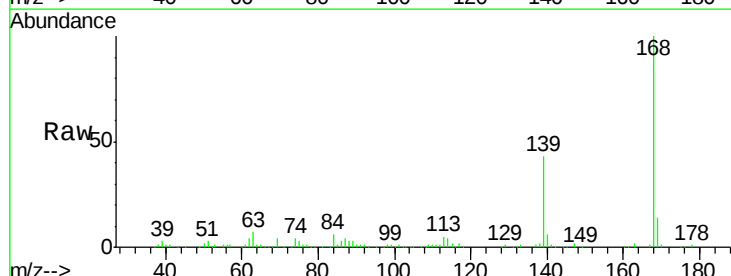
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion:184 Resp: 31973
 Ion Ratio Lower Upper
 184 100
 63 109.6 63.0 94.6#
 154 92.1 65.5 98.3



#54
 Dibenzofuran
 Concen: 45.80 ng
 RT: 15.51 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:168 Resp: 292885
 Ion Ratio Lower Upper
 168 100
 139 42.6 33.4 50.2
 169 13.7 10.6 15.8

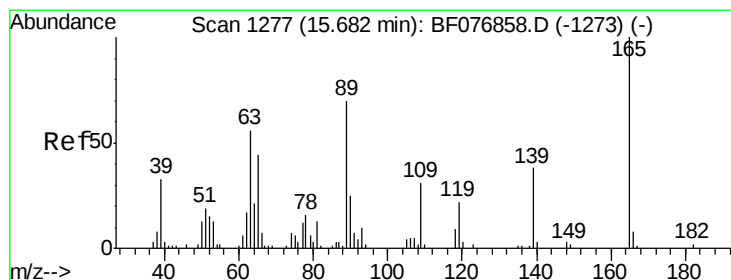
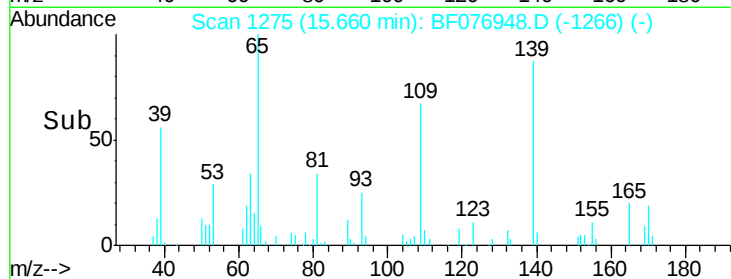
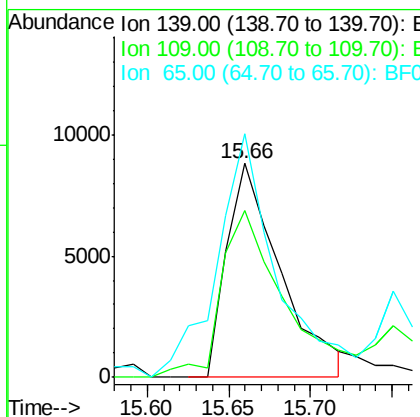
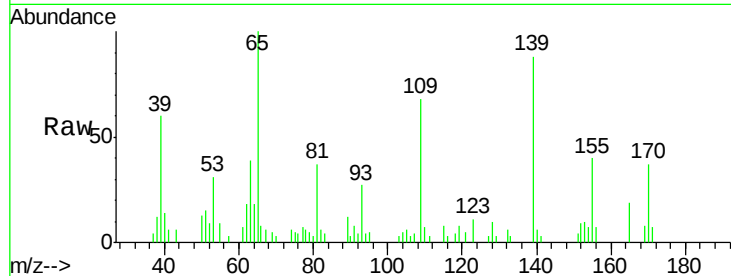




#55
4-Nitrophenol
Concen: 24.06 ng
RT: 15.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

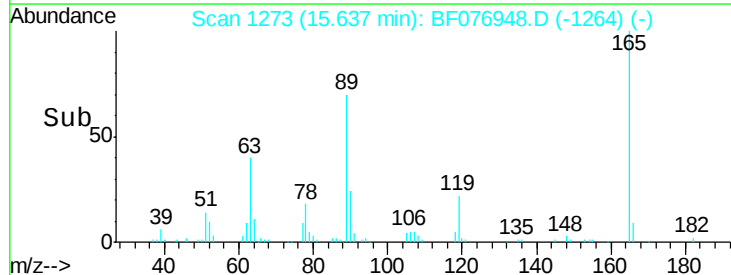
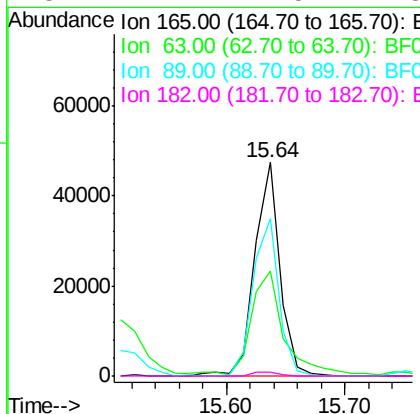
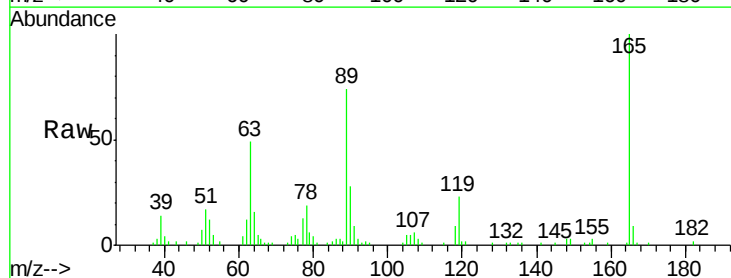
Instrument :
BNA_F
ClientSampleId :
S-1MS

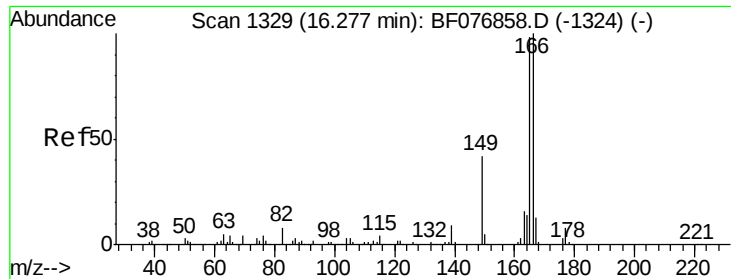
Tot Ion:139 Resp: 20109
Ion Ratio Lower Upper
139 100
109 77.9 61.0 101.0
65 113.8 96.6 136.6



#56
2,4-Dinitrotoluene
Concen: 44.33 ng
RT: 15.64 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:165 Resp: 70527
Ion Ratio Lower Upper
165 100
63 49.1 44.8 67.2
89 73.9 56.2 84.2
182 2.1 1.5 2.3

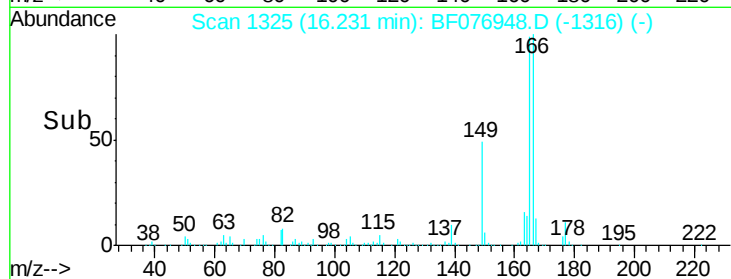
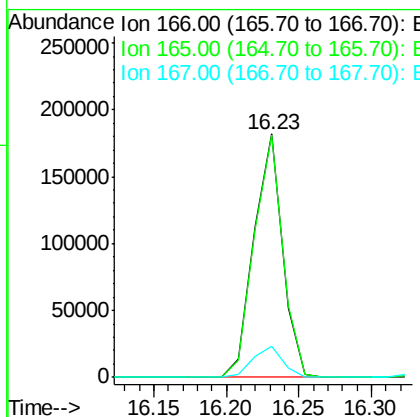
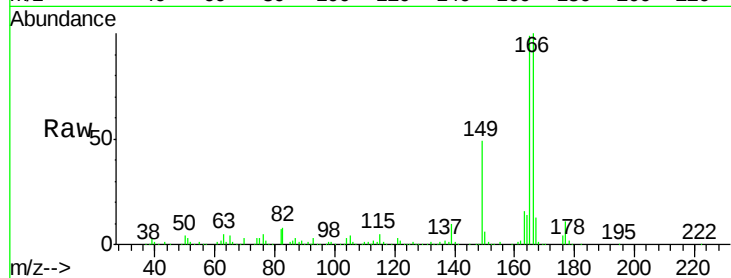




#57
 Fluorene
 Concen: 45.91 ng
 RT: 16.23 min Scan# 1325
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

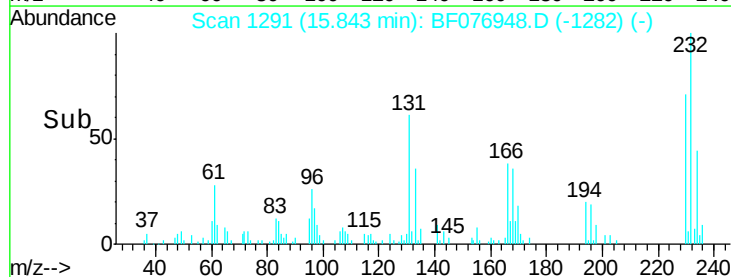
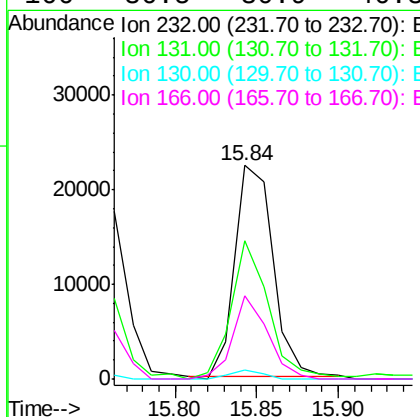
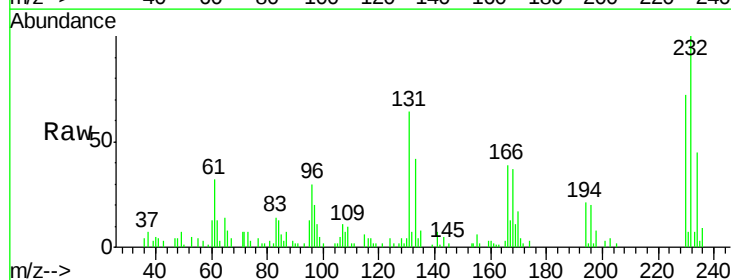
Instrument :
 BNA_F
 ClientSampled :
 S-1MS

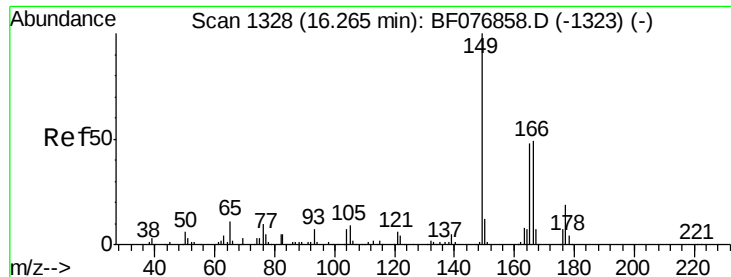
Tot Ion:166 Resp: 248727
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.5 117.7
 167 12.8 10.4 15.6



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 35.43 ng
 RT: 15.84 min Scan# 1291
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:232 Resp: 35631
 Ion Ratio Lower Upper
 232 100
 131 65.1 45.0 67.6
 130 3.7 2.6 3.8
 166 36.5 30.9 46.3

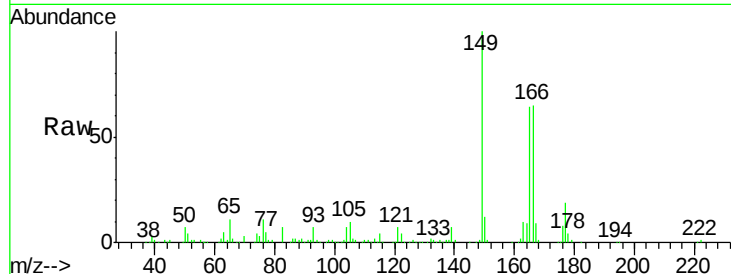




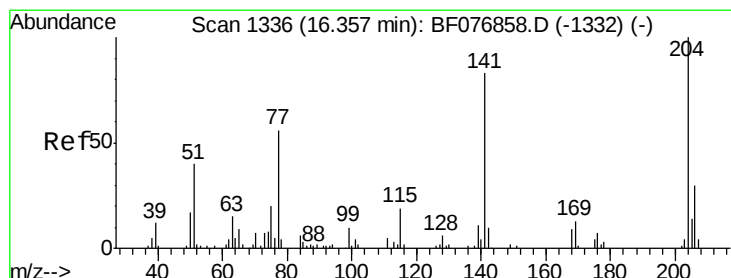
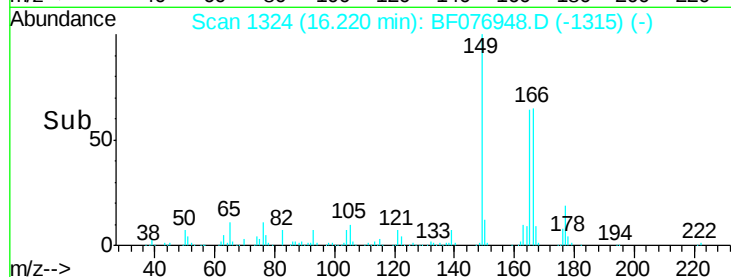
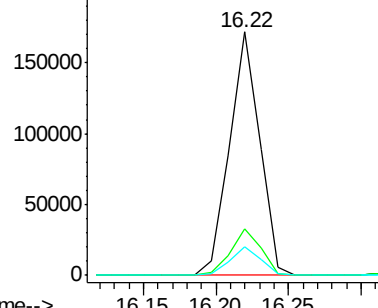
#59
Diethylphthalate
Concen: 46.08 ng
RT: 16.22 min Scan# 1324
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:149 Resp: 248322
Ion Ratio Lower Upper
149 100
177 19.1 15.0 22.6
150 12.0 9.4 14.0

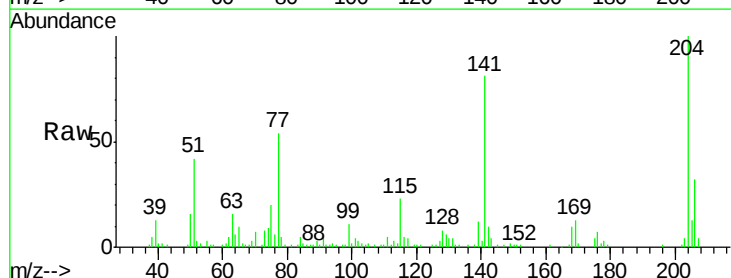


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

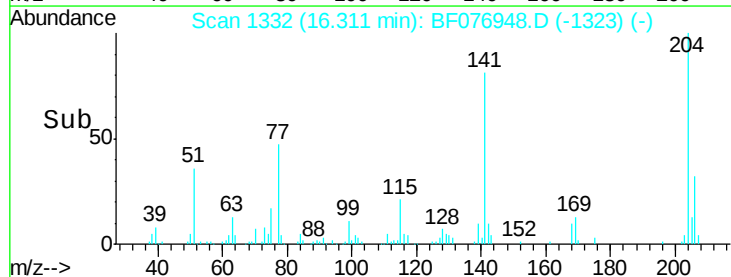
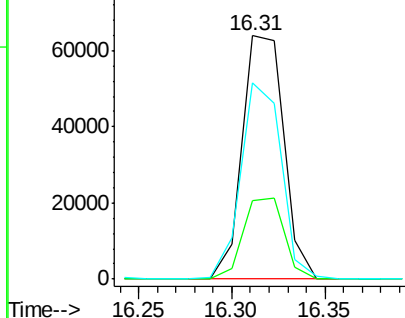


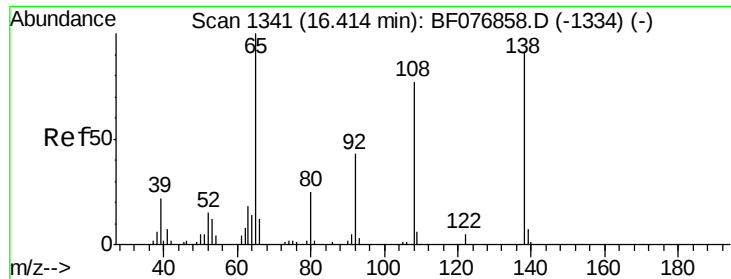
#60
4-Chlorophenyl-phenylether
Concen: 45.11 ng
RT: 16.31 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:204 Resp: 99994
Ion Ratio Lower Upper
204 100
206 32.0 24.2 36.2
141 80.5 66.7 100.1



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

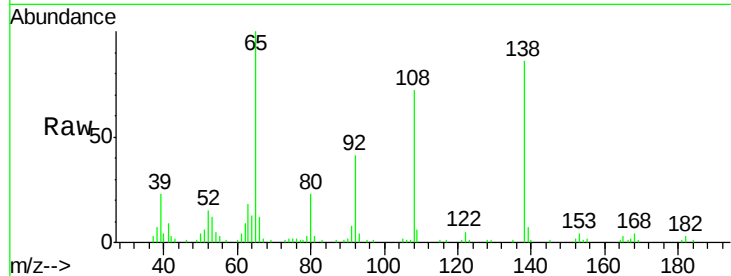




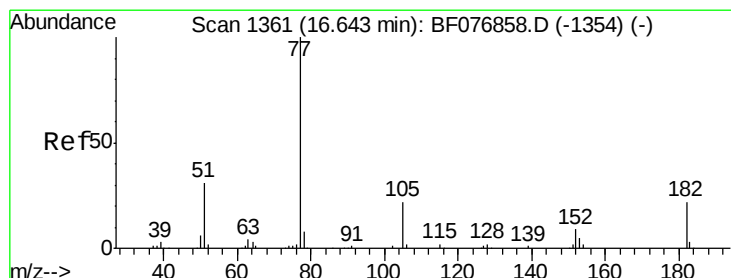
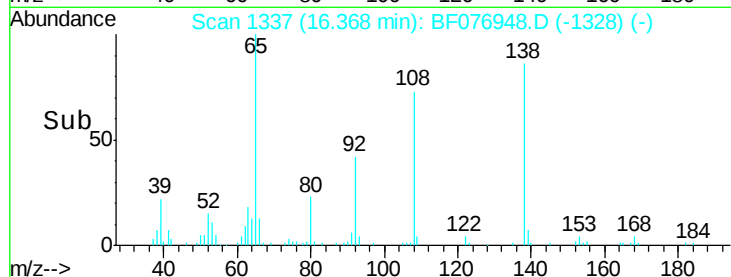
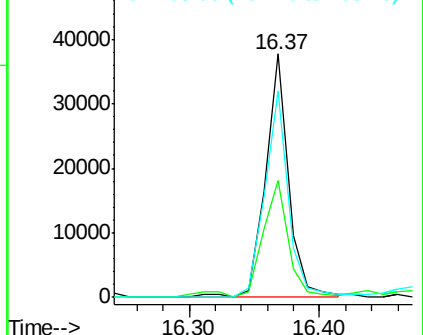
#61
4-Nitroaniline
Concen: 35.40 ng
RT: 16.37 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:138 Resp: 47018
Ion Ratio Lower Upper
138 100
92 48.2 26.7 66.7
108 84.6 64.5 104.5

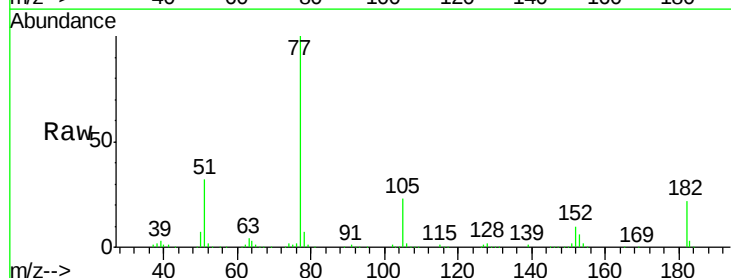


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

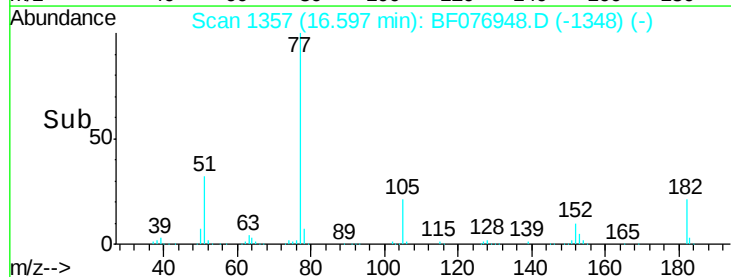
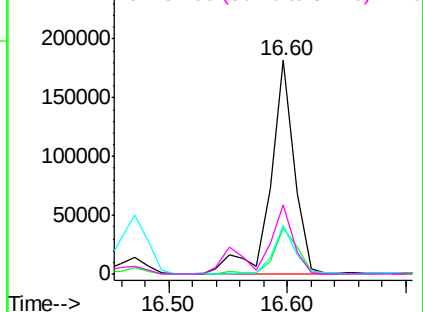


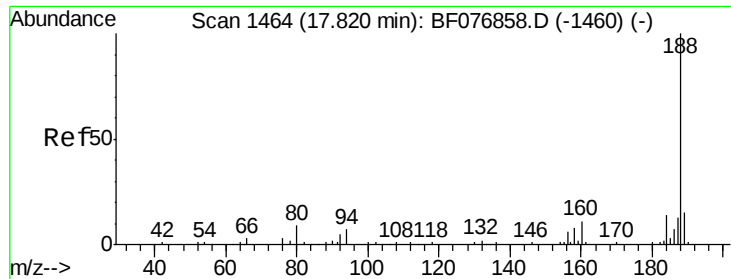
#62
Azobenzene
Concen: 44.73 ng
RT: 16.60 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion: 77 Resp: 251166
Ion Ratio Lower Upper
77 100
182 21.5 2.0 42.0
105 22.7 2.3 42.3
51 32.2 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

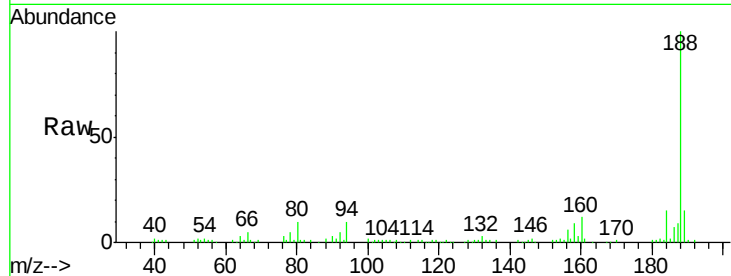




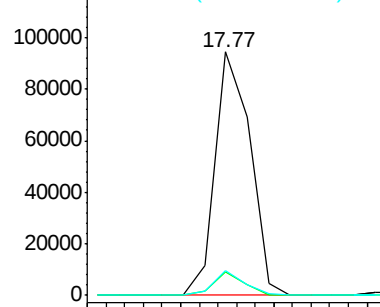
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.77 min Scan# 1460
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

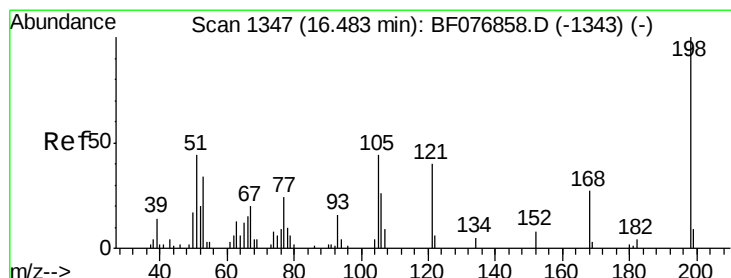
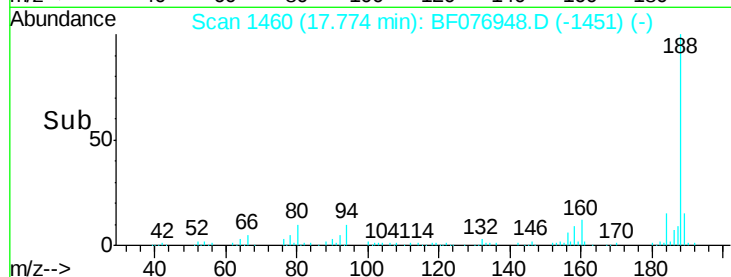
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	6.0	9.0#
80	10.2	6.9	10.3



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

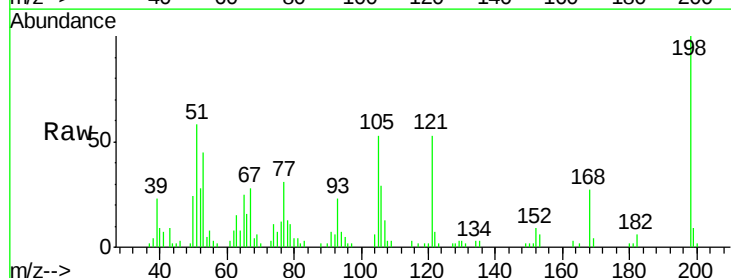


Time--> 17.70 17.75 17.80

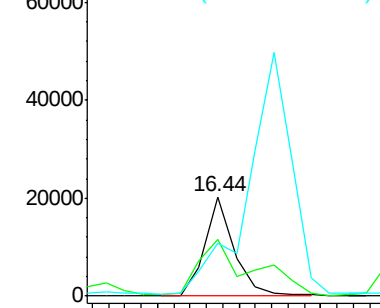


#64
 4,6-Dinitro-2-methylphenol
 Concen: 33.33 ng
 RT: 16.44 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

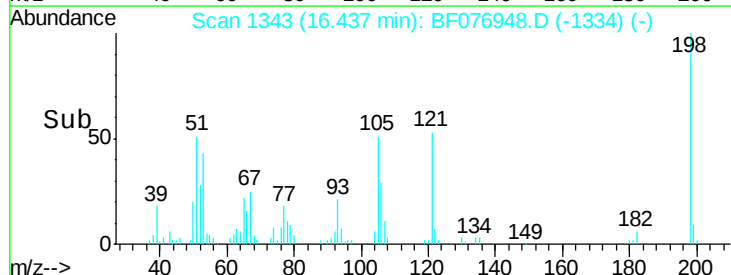
Tgt Ion	Ratio	Lower	Upper
198	100		
51	57.8	24.2	64.2
105	53.2	24.0	64.0

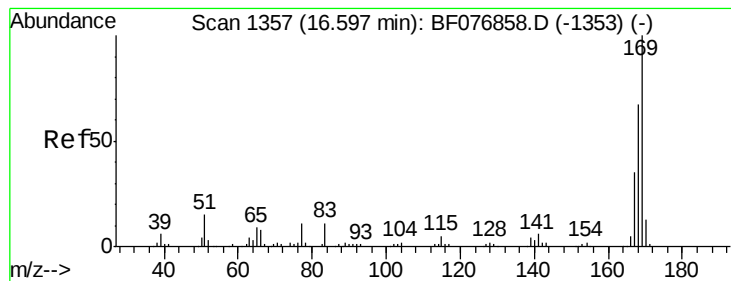


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E



Time--> 16.40 16.45 16.50





#65

n-Nitrosodiphenylamine

Concen: 44.37 ng

RT: 16.55 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

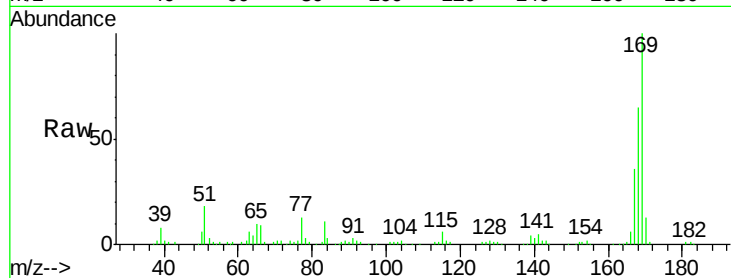
Tot Ion:169 Resp: 194806

Ion Ratio Lower Upper

169 100

168 65.2 53.8 80.6

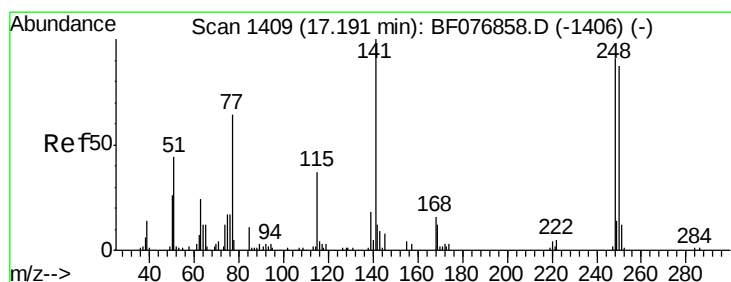
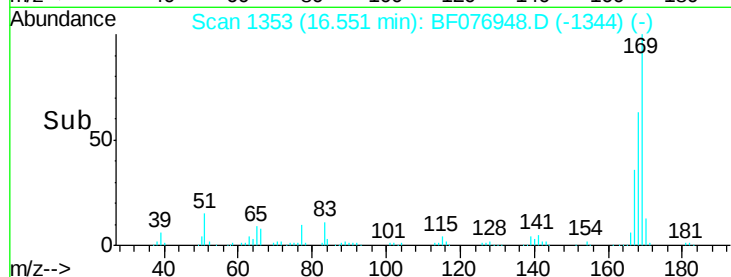
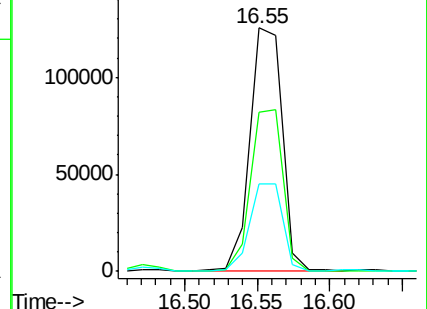
167 35.9 27.8 41.6



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: 46.77 ng

RT: 17.16 min Scan# 1406

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

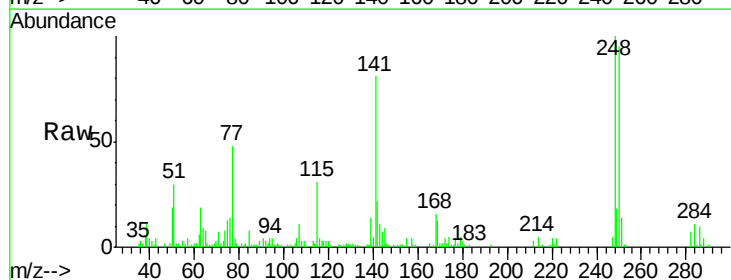
Tgt Ion:248 Resp: 58351

Ion Ratio Lower Upper

248 100

250 95.1 77.1 115.7

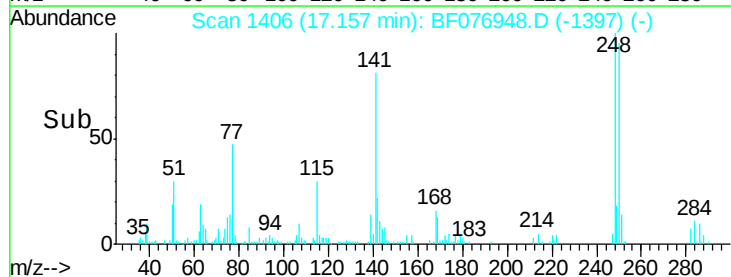
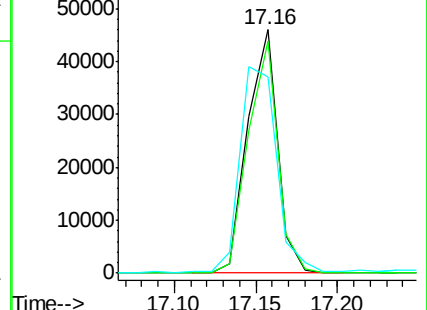
141 80.7 88.2 132.4#

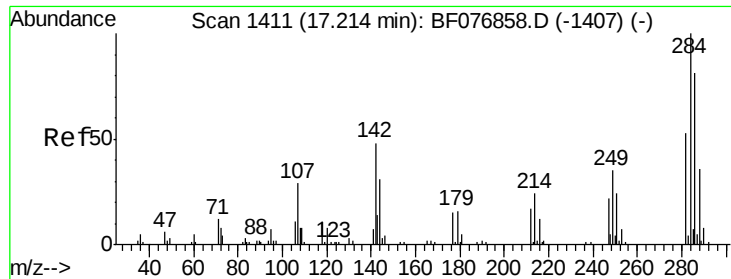


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

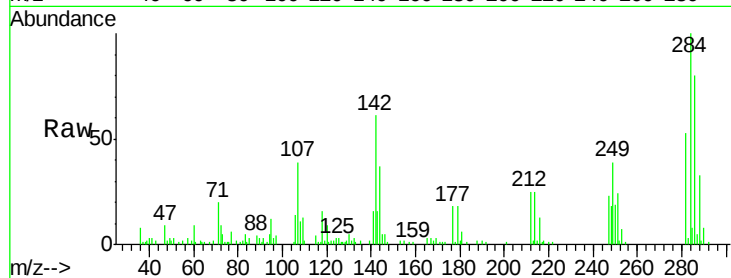




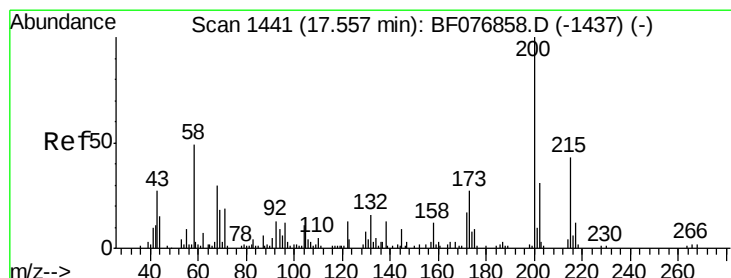
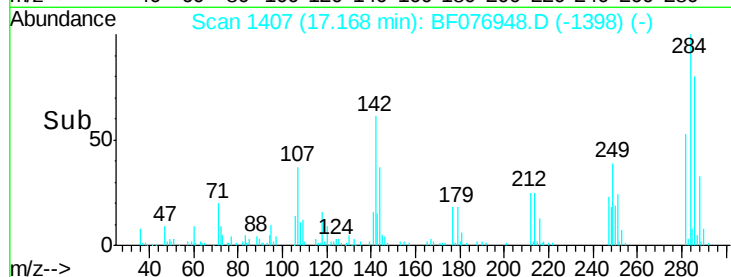
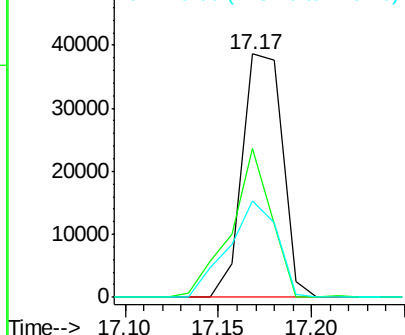
#67
Hexachlorobenzene
Concen: 43.86 ng
RT: 17.17 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:284 Resp: 57670
Ion Ratio Lower Upper
284 100
142 61.2 38.2 57.4#
249 39.4 28.2 42.2

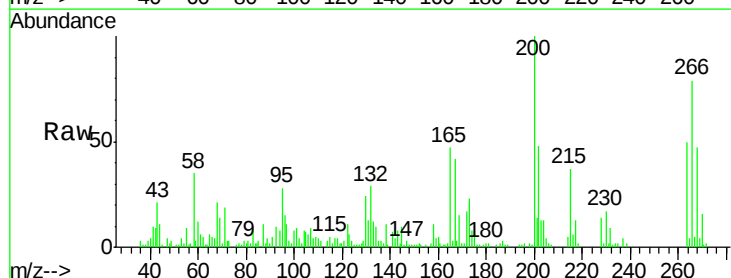


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

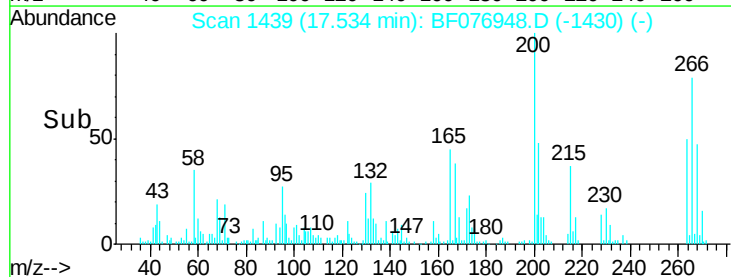
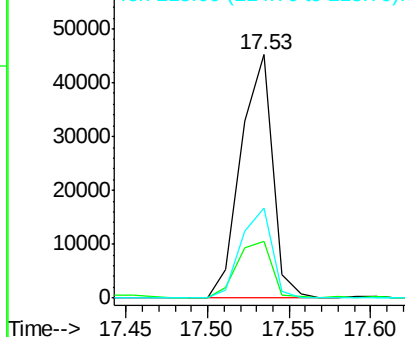


#68
Atrazine
Concen: 45.55 ng
RT: 17.53 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:200 Resp: 60688
Ion Ratio Lower Upper
200 100
173 23.1 6.6 46.6
215 37.2 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

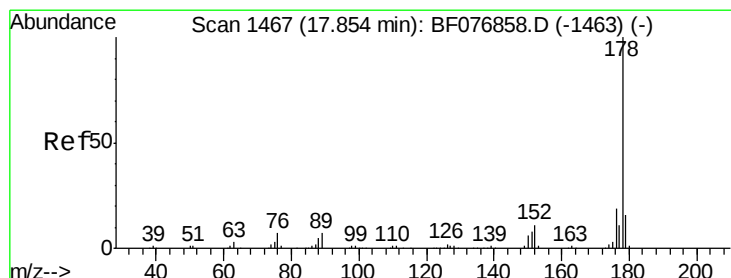
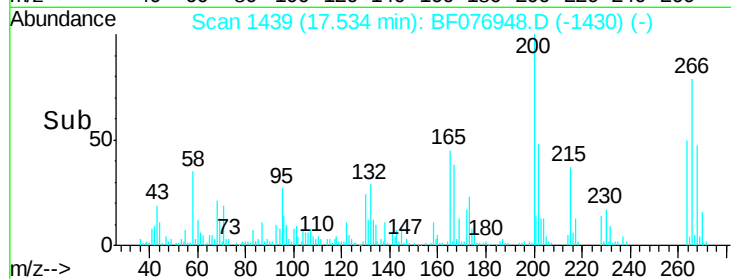
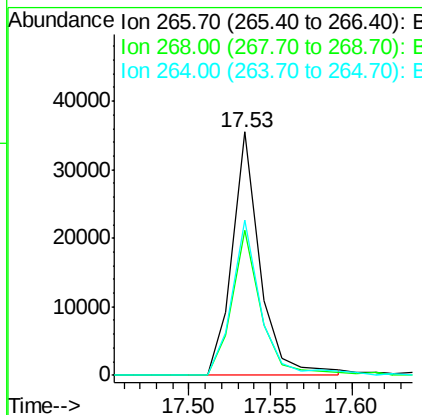
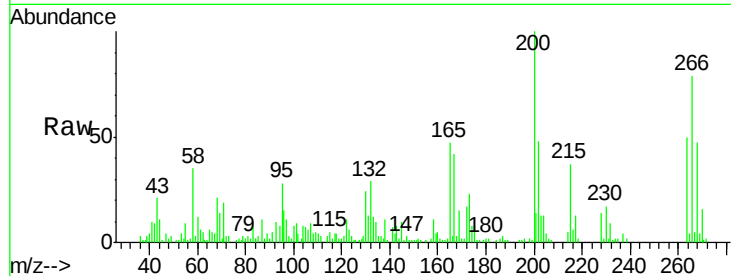




#69
 Pentachlorophenol
 Concen: 70.38 ng
 RT: 17.53 min Scan# 1439
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

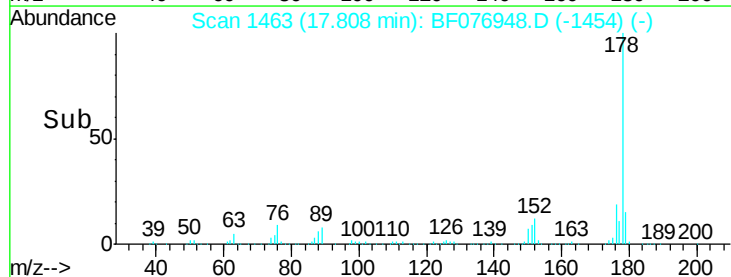
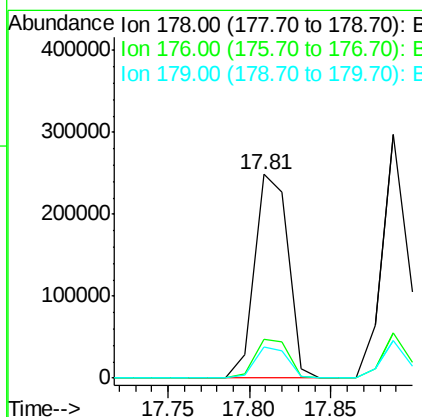
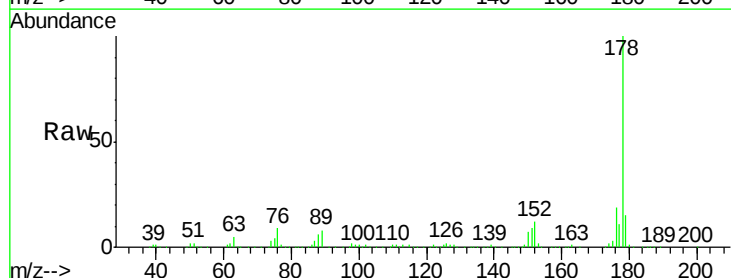
Instrument :
 BNA_F
 ClientSampled :
 S-1MS

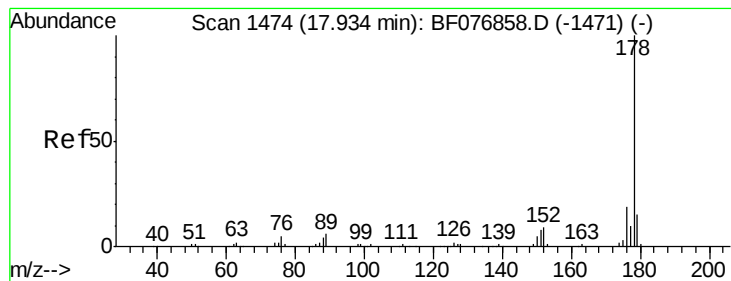
Tot Ion:266 Resp: 41897
 Ion Ratio Lower Upper
 266 100
 268 59.6 48.6 72.8
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 46.23 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF076948.D
 Acq: 20 Jan 2015 4:01

Tgt Ion:178 Resp: 354984
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.1 22.7
 179 15.4 12.7 19.1





#71

Anthracene

Concen: 43.13 ng

RT: 17.89 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

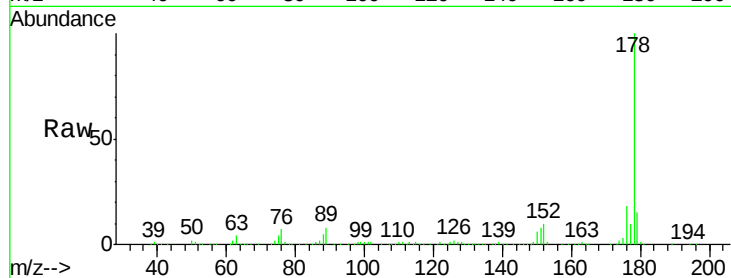
Tot Ion:178 Resp: 323004

Ion Ratio Lower Upper

178 100

176 18.3 15.4 23.0

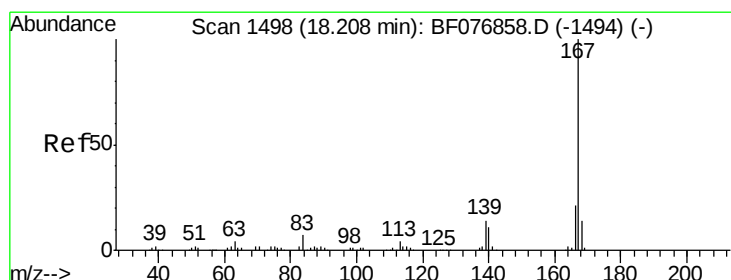
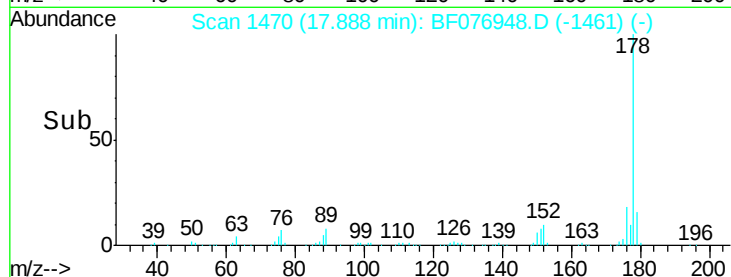
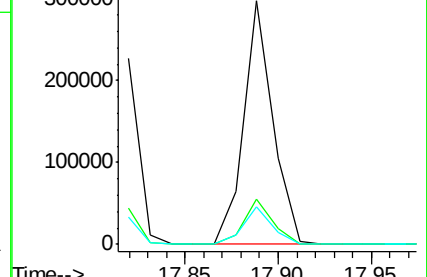
179 15.5 11.9 17.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 45.44 ng

RT: 18.17 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

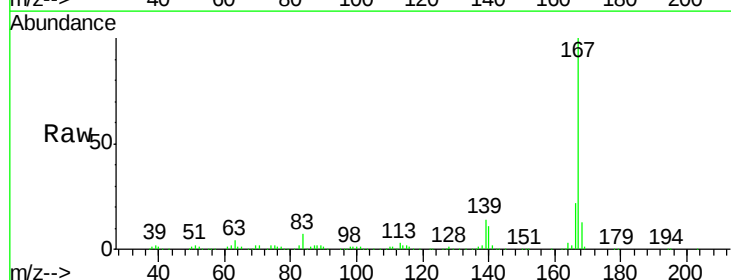
Tgt Ion:167 Resp: 330027

Ion Ratio Lower Upper

167 100

166 22.2 17.0 25.6

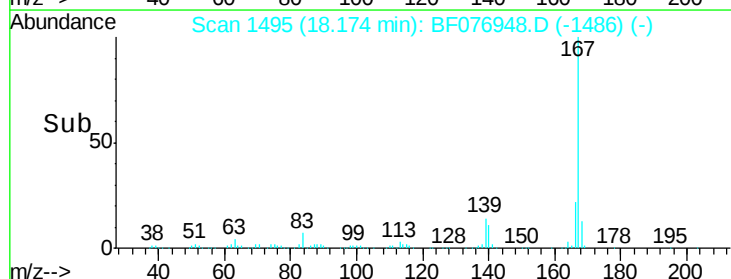
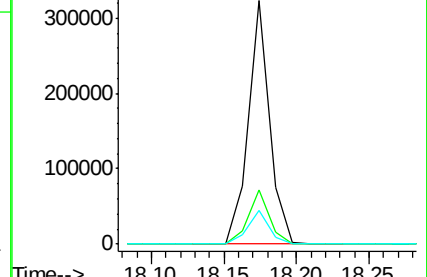
139 13.8 11.3 16.9

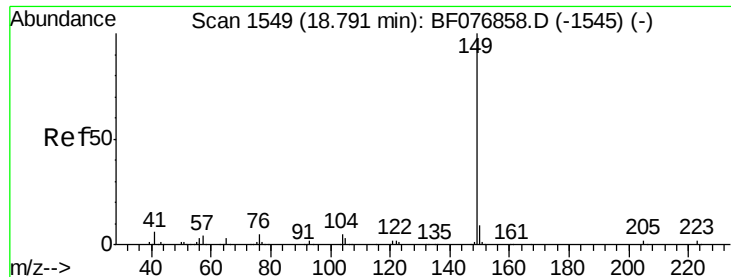


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

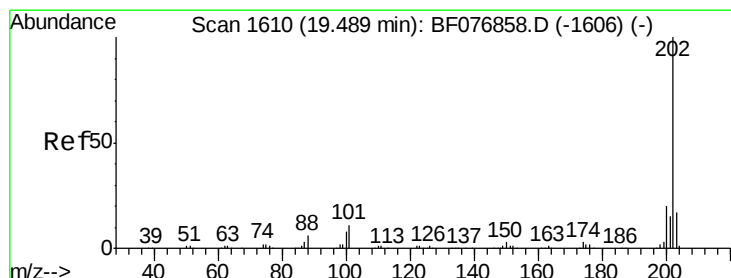
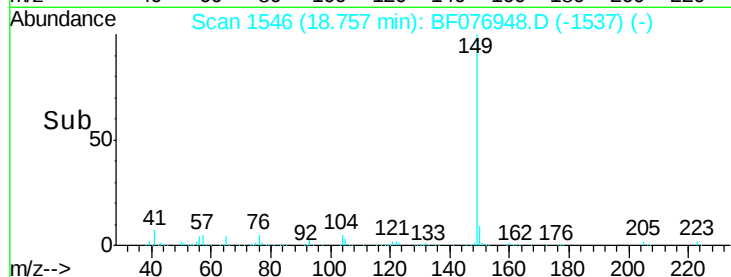
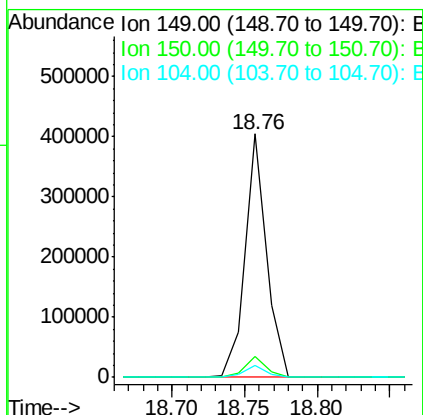
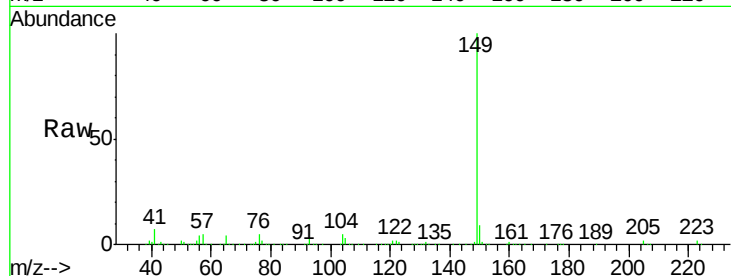




#73
Di-n-butylphthalate
Concen: 49.28 ng
RT: 18.76 min Scan# 1546
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

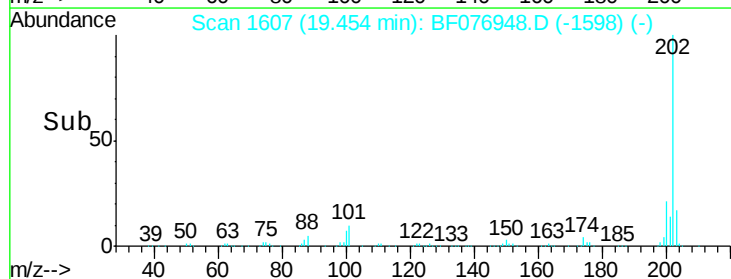
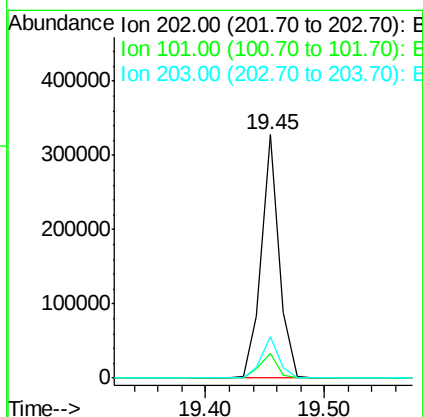
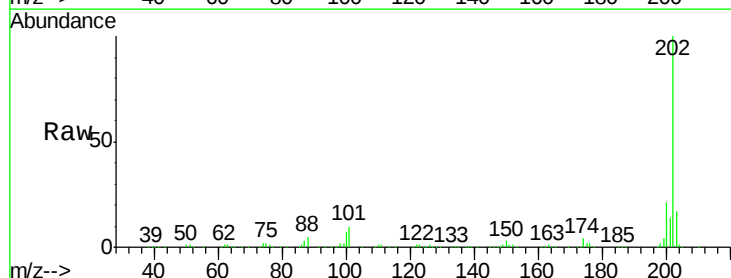
Instrument :
BNA_F
ClientSampled :
S-1MS

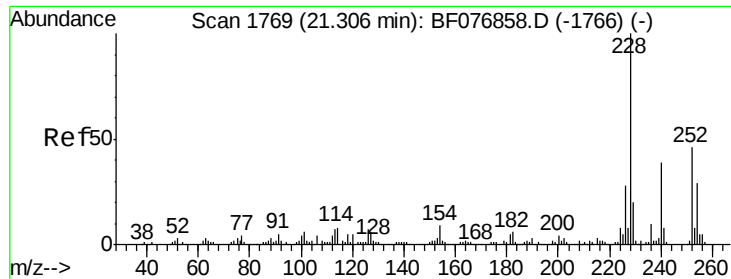
Tot Ion:149 Resp: 414298
Ion Ratio Lower Upper
149 100
150 8.8 6.9 10.3
104 5.1 3.7 5.5



#74
Fluoranthene
Concen: 44.06 ng
RT: 19.45 min Scan# 1607
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:202 Resp: 346731
Ion Ratio Lower Upper
202 100
101 10.0 0.0 30.7
203 17.0 0.0 36.9

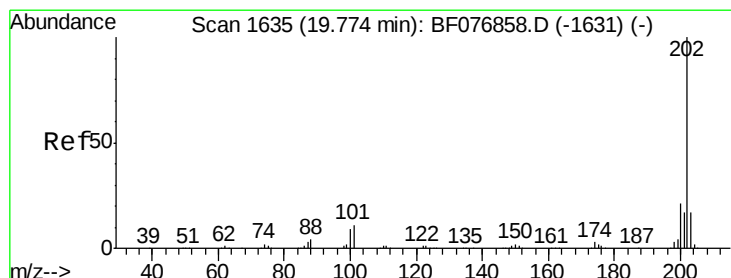
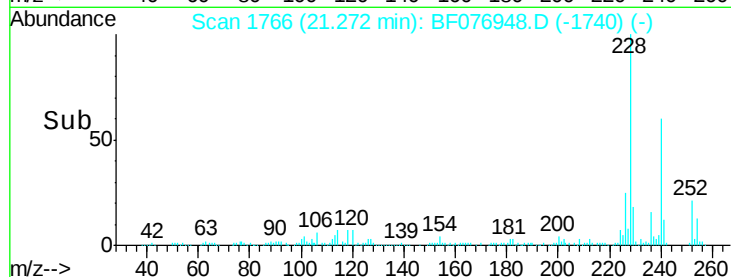
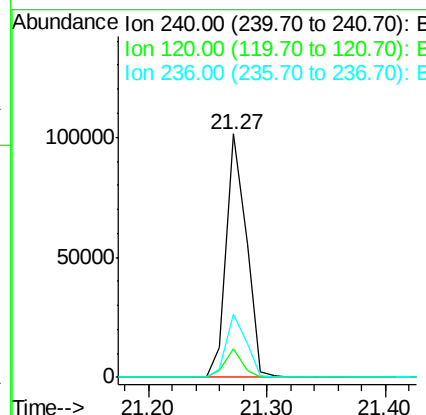
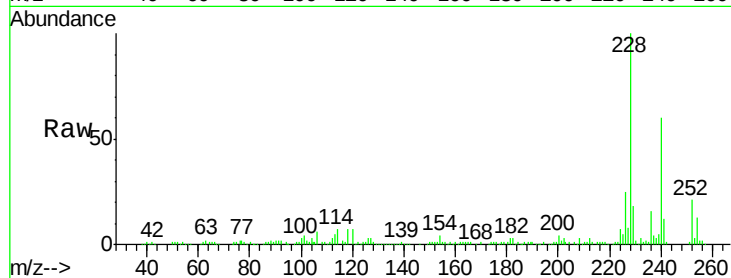




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.27 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

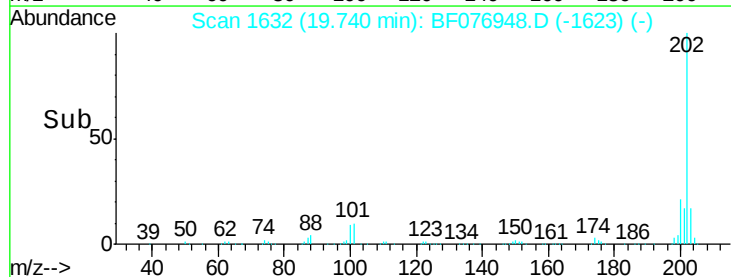
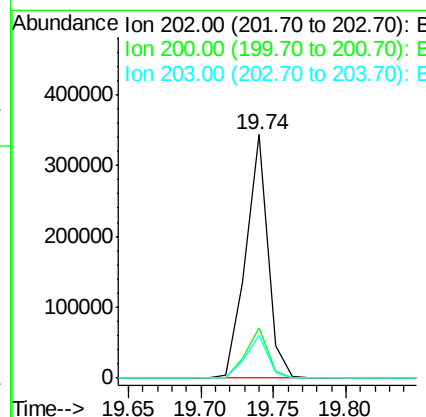
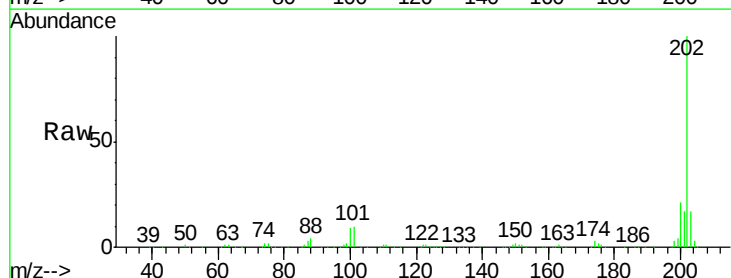
Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:240 Resp: 119165
Ion Ratio Lower Upper
240 100
120 11.5 10.4 15.6
236 25.9 20.2 30.2



#77
Pyrene
Concen: 44.61 ng
RT: 19.74 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:202 Resp: 364313
Ion Ratio Lower Upper
202 100
200 20.9 16.7 25.1
203 17.4 14.0 21.0





#78

Terphenyl-d14

Concen: 83.63 ng

RT: 20.00 min Scan# 1655

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

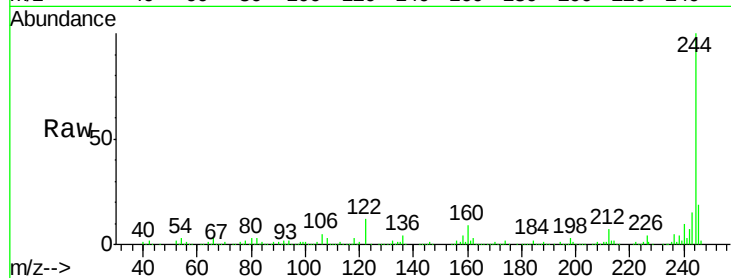
Tot Ion:244 Resp: 432897

Ion Ratio Lower Upper

244 100

212 7.3 6.3 9.5

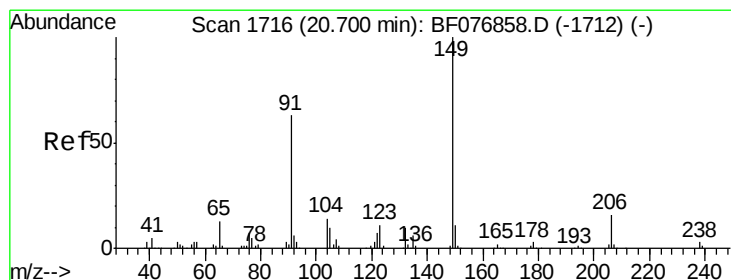
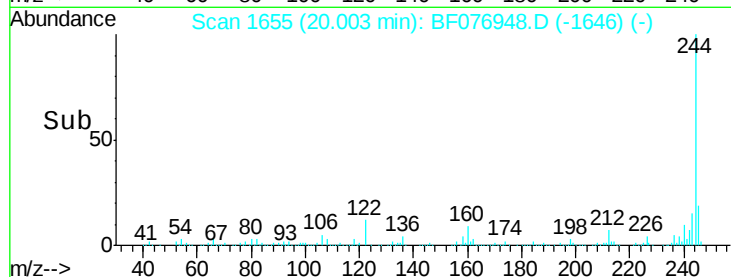
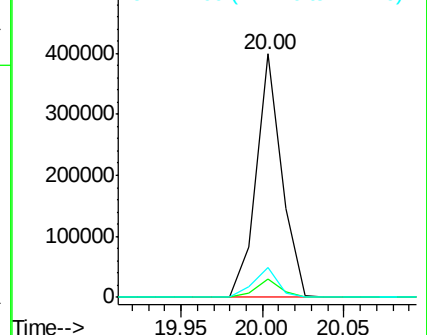
122 12.4 10.1 15.1



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: 48.76 ng

RT: 20.67 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

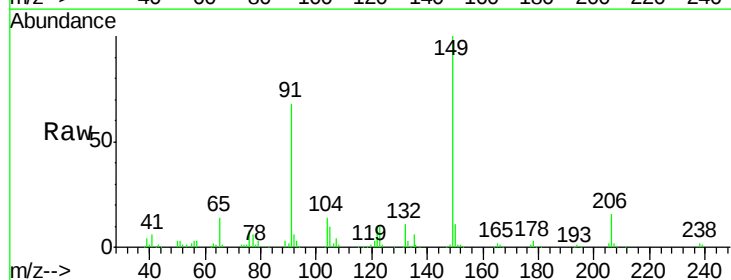
Tgt Ion:149 Resp: 180367

Ion Ratio Lower Upper

149 100

91 68.3 50.6 76.0

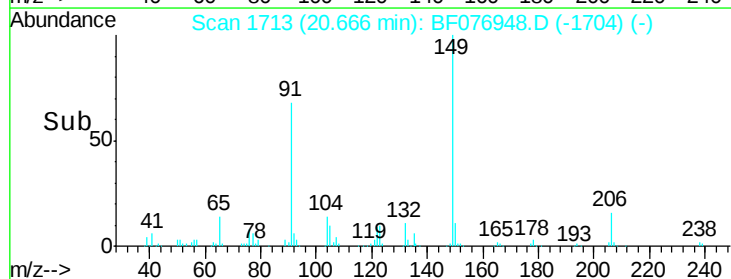
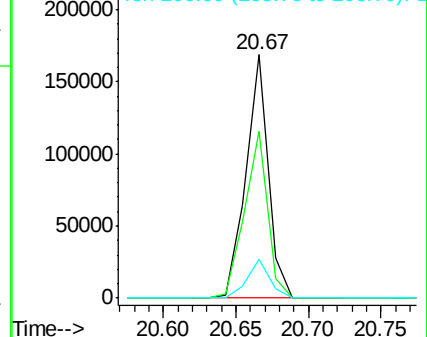
206 15.7 12.8 19.2

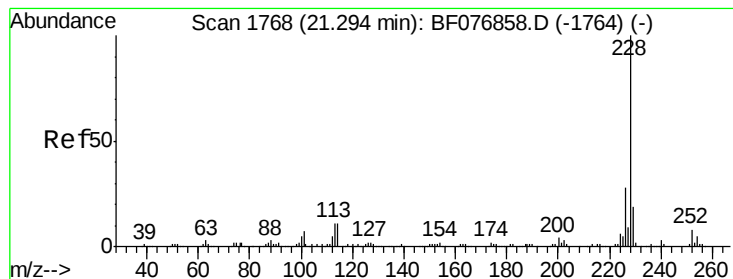


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 43.61 ng

RT: 21.26 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

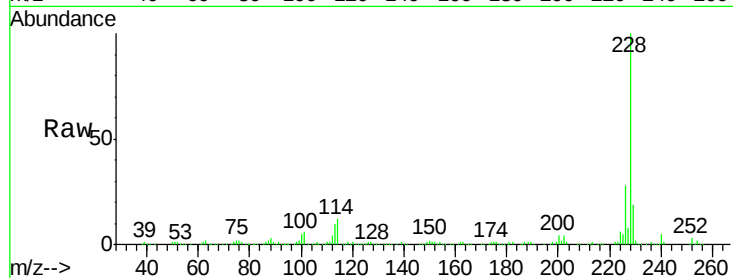
Tot Ion:228 Resp: 326066

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

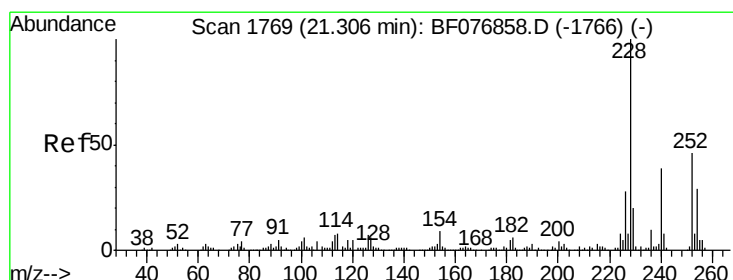
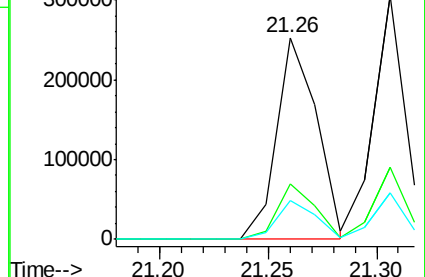
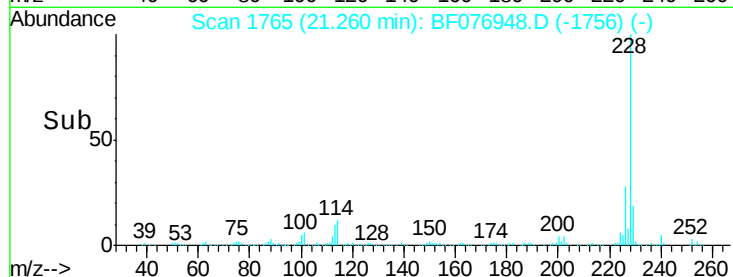
229 19.1 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 15.18 ng

RT: 21.27 min Scan# 1766

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

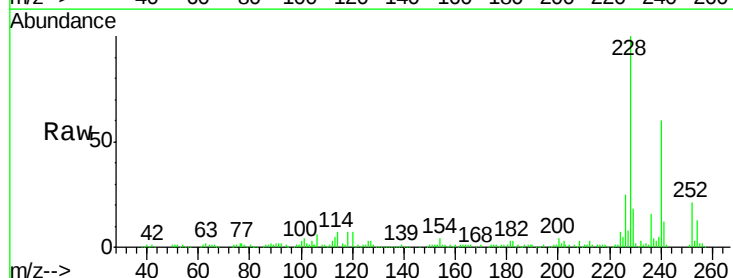
Tgt Ion:252 Resp: 36068

Ion Ratio Lower Upper

252 100

254 62.3 50.2 75.4

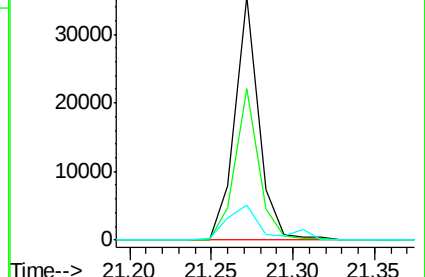
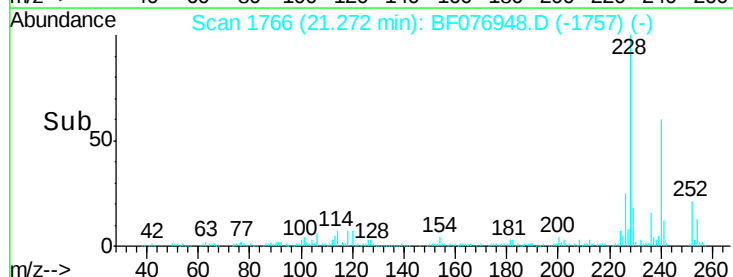
126 14.3 11.5 17.3

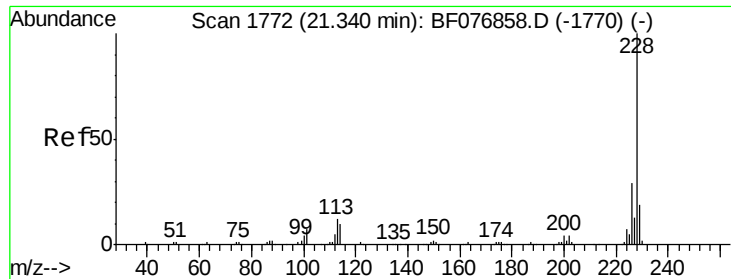


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 45.40 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

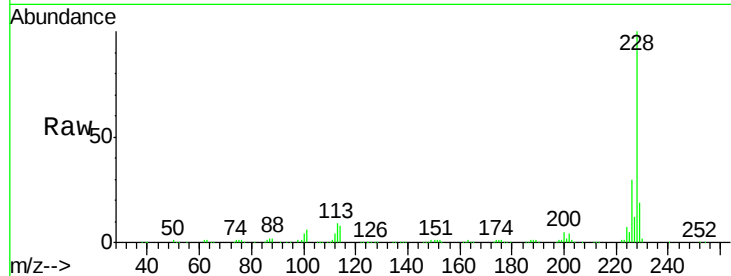
Tot Ion:228 Resp: 309560

Ion Ratio Lower Upper

228 100

226 29.6 23.4 35.0

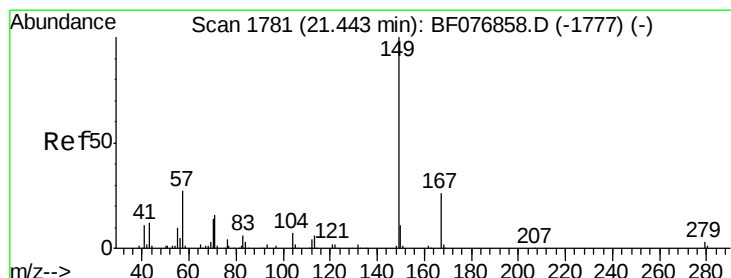
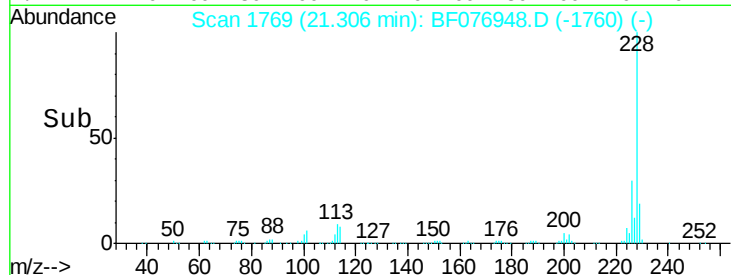
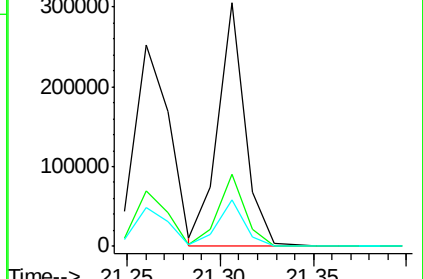
229 19.3 15.4 23.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 51.98 ng

RT: 21.41 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

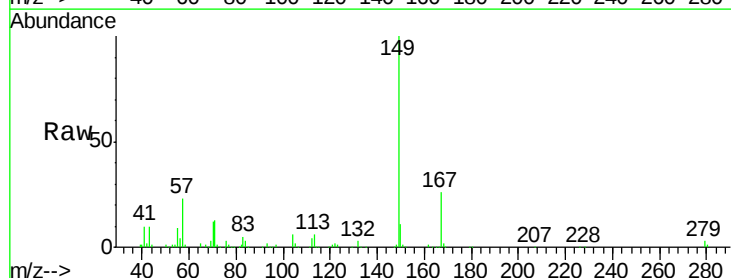
Tgt Ion:149 Resp: 266018

Ion Ratio Lower Upper

149 100

167 26.0 20.6 30.8

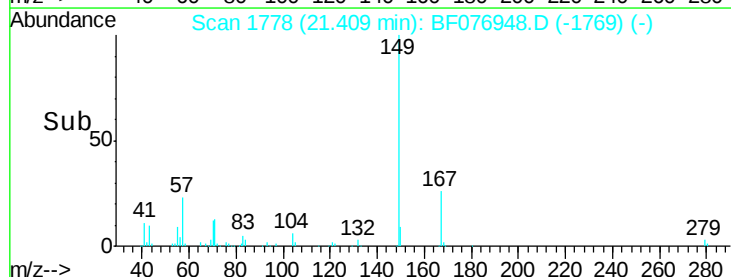
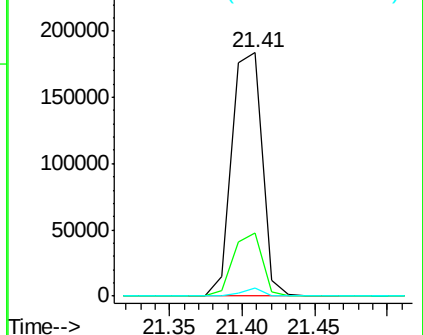
279 3.3 2.2 3.2#

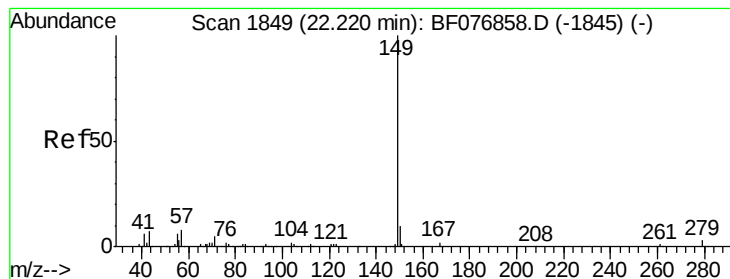


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 50.47 ng

RT: 22.16 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

Instrument :

BNA_F

ClientSampleId :

S-1MS

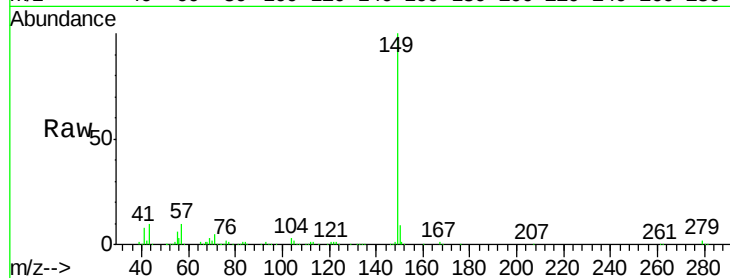
Tot Ion:149 Resp: 448298

Ion Ratio Lower Upper

149 100

167 1.3 1.1 1.7

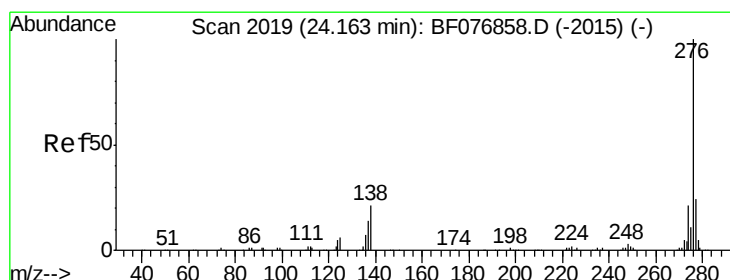
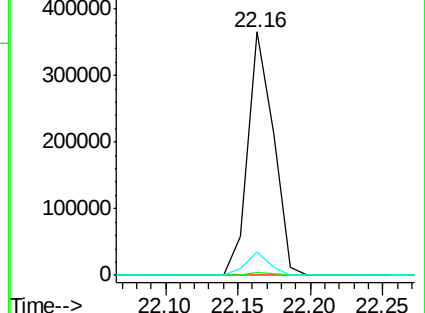
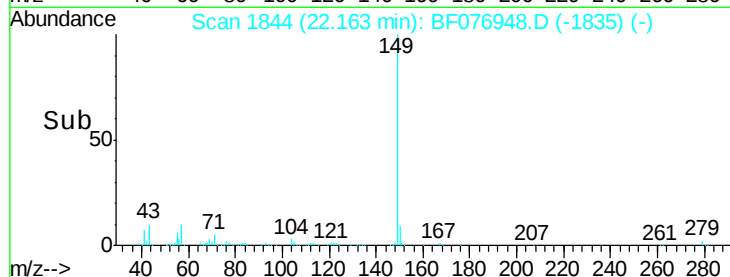
43 9.1 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 43.70 ng

RT: 24.01 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF076948.D

Acq: 20 Jan 2015 4:01

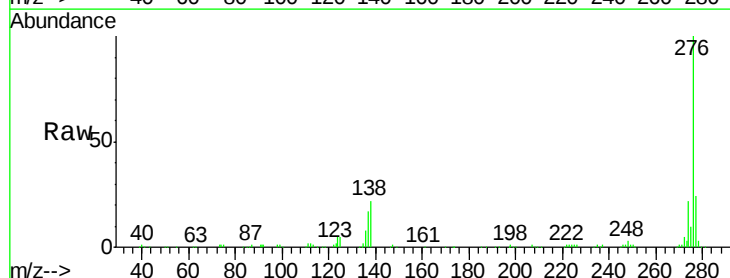
Tgt Ion:276 Resp: 315737

Ion Ratio Lower Upper

276 100

138 25.9 14.6 22.0#

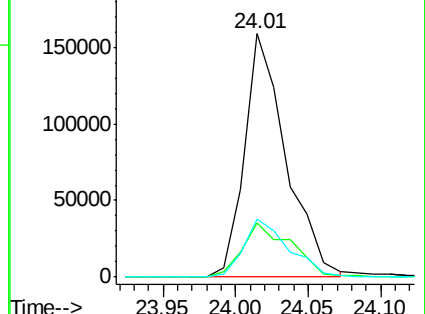
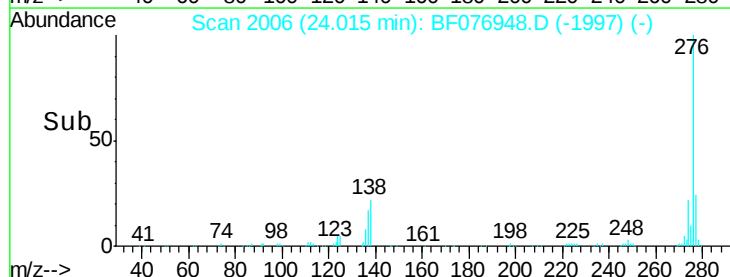
277 25.6 14.8 22.2#

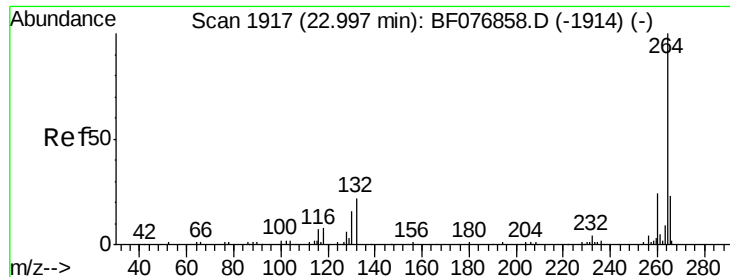


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

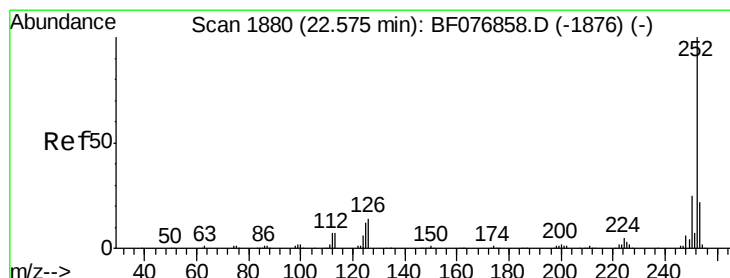
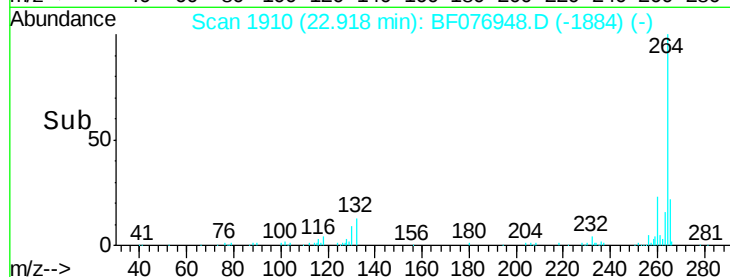
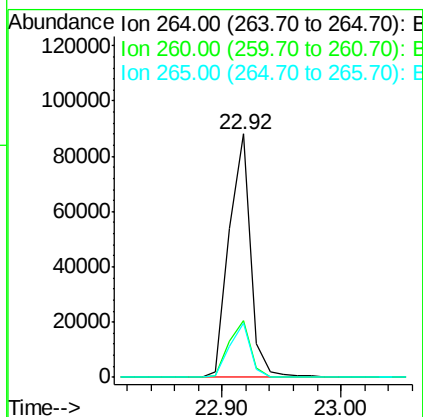
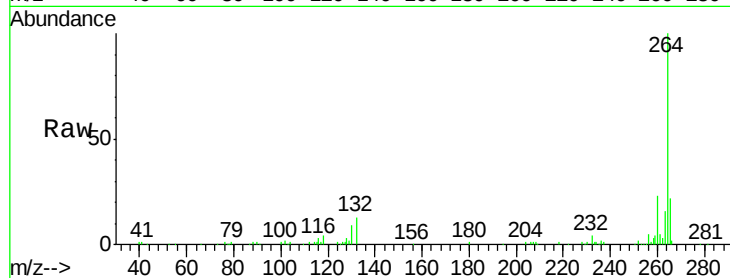




#86
Pervlene-d12
Concen: 20.00 ng
RT: 22.92 min Scan# 1910
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

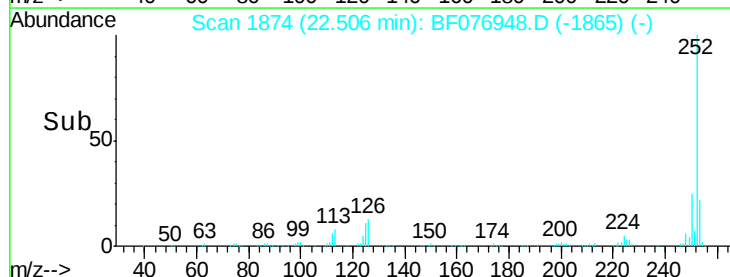
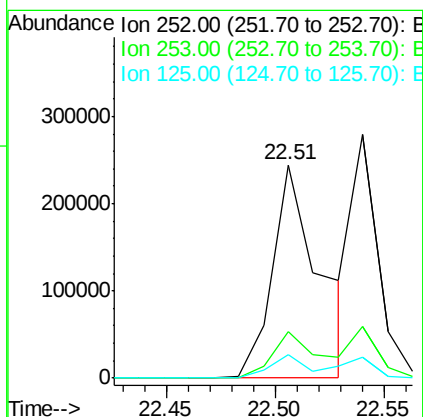
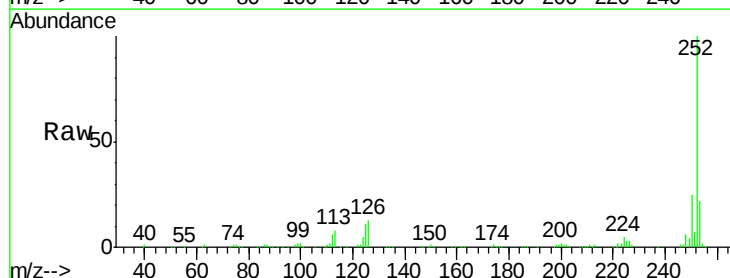
Instrument :
BNA_F
ClientSampleId :
S-1MS

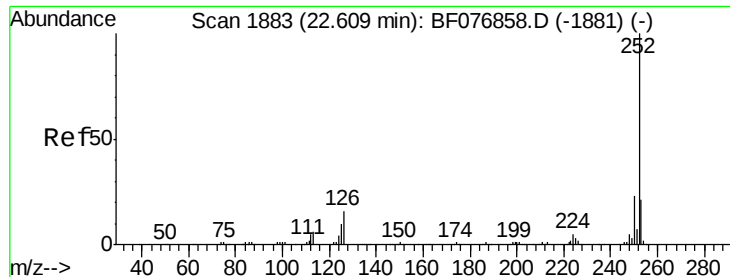
Tot Ion:264 Resp: 110073
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.1 18.1 27.1



#87
Benzo(b)fluoranthene
Concen: 50.13 ng
RT: 22.51 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:252 Resp: 371666
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.8 9.4 14.0

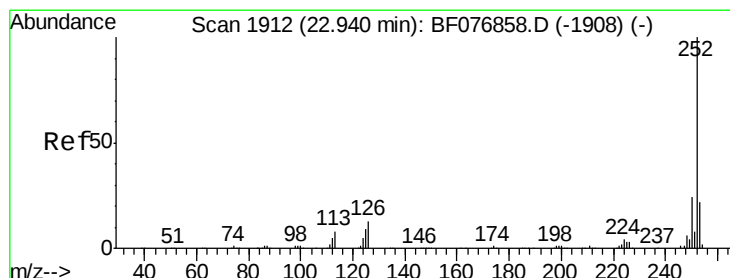
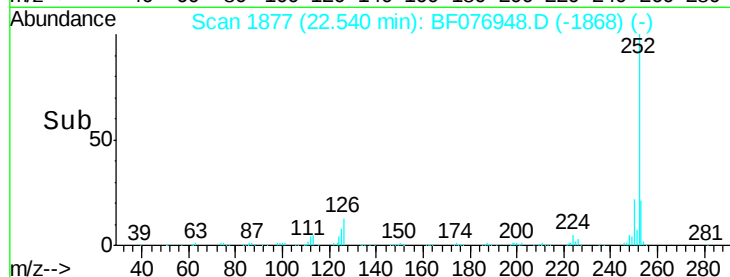
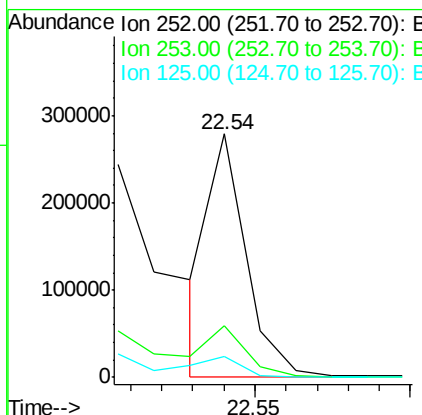
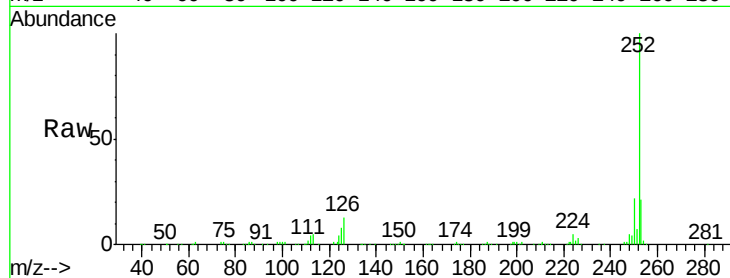




#88
Benzo(k)fluoranthene
Concen: 36.26 ng m
RT: 22.54 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

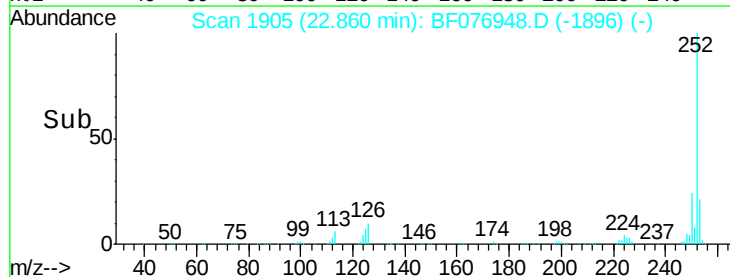
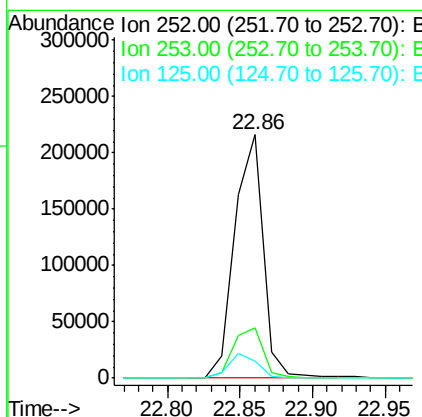
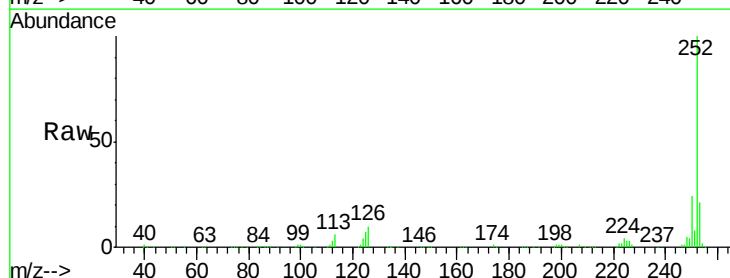
Instrument :
BNA_F
ClientSampleId :
S-1MS

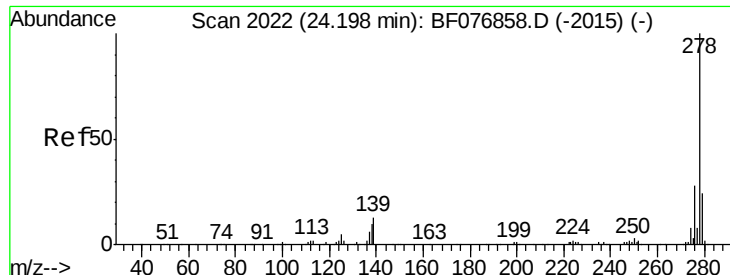
Tot Ion:252 Resp: 234830
Ion Ratio Lower Upper
252 100
253 21.1 17.2 25.8
125 8.4 7.1 10.7



#89
Benzo(a)pyrene
Concen: 45.34 ng
RT: 22.86 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:252 Resp: 296460
Ion Ratio Lower Upper
252 100
253 20.9 17.9 26.9
125 7.1 7.2 10.8#

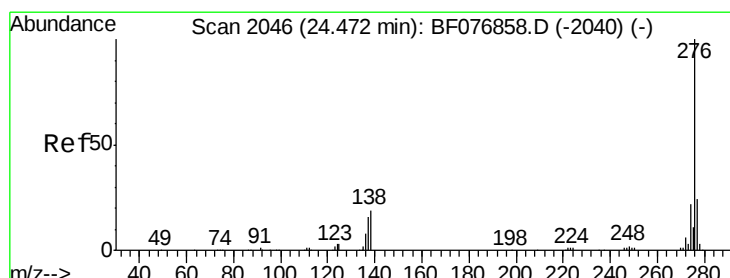
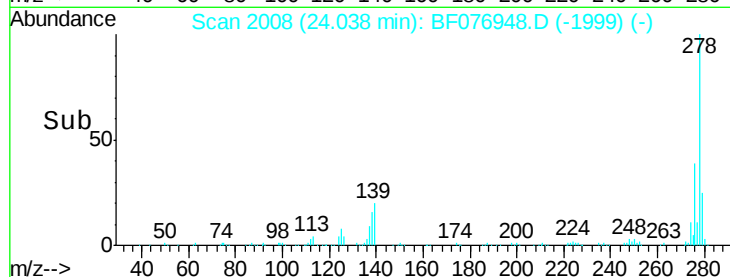
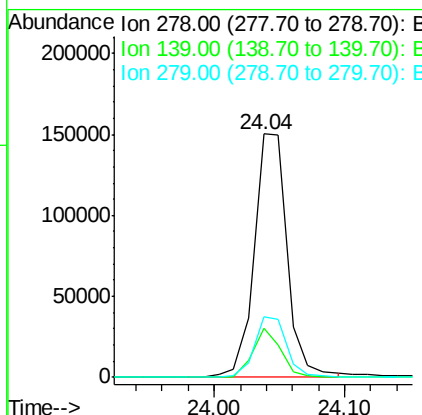
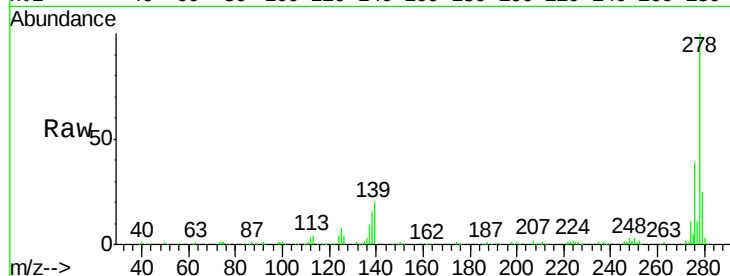




#90
Dibenzo(a,h)anthracene
Concen: 44.49 ng
RT: 24.04 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion:278 Resp: 266963
Ion Ratio Lower Upper
278 100
139 20.3 10.5 15.7#
279 24.9 19.3 28.9



#91
Benzo(g,h,i)perylene
Concen: 44.70 ng
RT: 24.31 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF076948.D
Acq: 20 Jan 2015 4:01

Tgt Ion:276 Resp: 266620
Ion Ratio Lower Upper
276 100
277 24.7 19.5 29.3
138 25.0 15.0 22.6#

