

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
 Data File : BF076946.D
 Acq On : 20 Jan 2015 2:52
 Operator : IZ / TP
 Sample : G1076-11MSD
 Misc : W
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Quant Time: Jan 20 04:14:42 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 03:20:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	40070	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	178197	20.00	ng	0.00
38) Acenaphthene-d10	15.01	164	97925	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	163325	20.00	ng	0.00
75) Chrysene-d12	21.27	240	171112	20.00	ng	0.00
86) Perylene-d12	22.93	264	154200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.04	112	29500	12.10	ng	0.00
7) Phenol-d6	7.37	99	34937	11.36	ng	0.00
23) Nitrobenzene-d5	9.27	82	24737	7.69	ng	0.00
41) 2,4,6-Tribromophenol	16.68	330	10029	12.62	ng	0.00
44) 2-Fluorobiphenyl	13.53	172	55319	8.60	ng	0.00
78) Terphenyl-d14	20.00	244	55230	7.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.29	88	3533	3.39	ng	91
4) n-Nitrosodimethylamine	1.77	42	3578	2.67	ng	# 93
6) Aniline	7.27	93	12293	2.89	ng	98
8) 2-Chlorophenol	7.51	128	9743	3.47	ng	94
10) Phenol	7.41	94	10386	3.18	ng	93
11) bis(2-Chloroethyl)ether	7.50	93	10173	3.98	ng	90
12) 1,3-Dichlorobenzene	7.82	146	11226	3.51	ng	# 82
13) 1,4-Dichlorobenzene	8.01	146	12117	3.57	ng	96
14) 1,2-Dichlorobenzene	8.32	146	11961	3.83	ng	90
15) Benzyl Alcohol	8.41	79	7842	3.15	ng	87
16) 2,2'-oxybis(1-Chloropropan	8.76	45	14206	4.14	ng	92
17) 2-Methylphenol	8.76	107	7584	3.30	ng	# 90
18) Hexachloroethane	9.08	117	5118	4.34	ng	# 84
19) n-Nitroso-di-n-propylamine	9.03	70	7420	3.45	ng	92
20) 3+4-Methylphenols	9.14	107	9848	3.24	ng	91
22) Acetophenone	8.96	105	15420	3.53	ng	94
24) Nitrobenzene	9.32	77	11575	3.53	ng	99
25) Isophorone	9.91	82	19787	3.38	ng	96
26) 2-Nitrophenol	10.06	139	4048	4.09	ng	# 92
27) 2,4-Dimethylphenol	10.33	122	8143	3.21	ng	88
28) bis(2-Chloroethoxy)methane	10.53	93	12019	3.61	ng	93
29) 2,4-Dichlorophenol	10.68	162	7111	3.01	ng	# 72
30) 1,2,4-Trichlorobenzene	10.79	180	9656	3.68	ng	99
31) Naphthalene	10.93	128	32725	3.57	ng	99
33) 4-Chloroaniline	11.18	127	11412	3.08	ng	# 96
34) Hexachlorobutadiene	11.29	225	5407	3.47	ng	95
35) Caprolactam	11.96	113	1432	2.06	ng	# 74
36) 4-Chloro-3-methylphenol	12.47	107	9106	3.37	ng	98
37) 2-Methylnaphthalene	12.59	142	23033	3.68	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	9945	4.11	ng	91
40) Hexachlorocyclopentadiene	12.97	237	4261	7.66	ng	91
42) 2,4,6-Trichlorophenol	13.34	196	5555	3.15	ng	99
43) 2,4,5-Trichlorophenol	13.43	196	5333	2.96	ng	# 82
45) 1,1'-Biphenyl	13.74	154	28362	3.91	ng	95

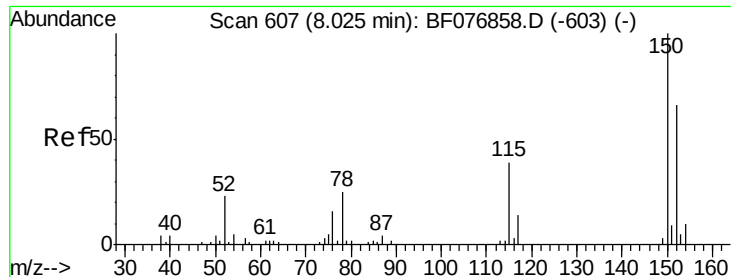
Data Path : Z:\HPCHEM1\BNA F\DATA\BF011915\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 2-Chloronaphthalene	13.72	162	21742	3.64	ng	94
47) 2-Nitroaniline	14.06	65	5838	3.22	ng	95
48) Acenaphthylene	14.67	152	34199	3.39	ng	96
49) Dimethylphthalate	14.60	163	25949	3.74	ng	99
50) 2,6-Dinitrotoluene	14.70	165	5180	3.73	ng	91
51) Acenaphthene	15.09	154	18558	3.25	ng	96
52) 3-Nitroaniline	15.05	138	5298	4.63	ng	# 73
53) 2,4-Dinitrophenol	15.35	184	1256	13.40	ng	# 71
54) Dibenzofuran	15.51	168	32967	3.96	ng	97
55) 4-Nitrophenol	15.66	139	5248	4.82	ng	# 79
56) 2,4-Dinitrotoluene	15.64	165	6121	4.92	ng	# 92
57) Fluorene	16.22	166	27077	3.84	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.85	232	3978	3.04	ng	# 87
59) Diethylphthalate	16.21	149	26073	3.71	ng	98
60) 4-Chlorophenyl-phenylether	16.31	204	10971	3.80	ng	97
61) 4-Nitroaniline	16.36	138	5018	4.21	ng	99
62) Azobenzene	16.60	77	25472	3.48	ng	95
64) 4,6-Dinitro-2-methylphenol	16.44	198	2165	5.23	ng	77
65) n-Nitrosodiphenylamine	16.55	169	20349	3.49	ng	94
66) 4-Bromophenyl-phenylether	17.16	248	6507	3.93	ng	# 83
67) Hexachlorobenzene	17.17	284	7324	4.20	ng	# 87
68) Atrazine	17.51	200	6557	3.71	ng	92
69) Pentachlorophenol	17.53	266	3030	10.37	ng	97
70) Phenanthrene	17.81	178	37929	3.72	ng	98
71) Anthracene	17.89	178	36141	3.64	ng	97
72) Carbazole	18.17	167	34527	3.58	ng	95
73) Di-n-butylphthalate	18.76	149	39013	3.50	ng	98
74) Fluoranthene	19.45	202	38342	3.67	ng	98
77) Pvrene	19.74	202	40298	3.44	ng	99
79) Butylbenzylphthalate	20.67	149	17057	3.21	ng	96
80) Benzo(a)anthracene	21.26	228	38963	3.63	ng	99
81) 3,3'-Dichlorobenzidine	21.27	252	11442	3.35	ng	# 87
82) Chrysene	21.31	228	35600	3.64	ng	98
83) Bis(2-ethylhexyl)phthalate	21.40	149	23977	3.26	ng	# 94
84) Di-n-octyl phthalate	22.16	149	40152	3.15	ng	100
85) Indeno(1,2,3-cd)pyrene	24.05	276	36191	3.49	ng	# 82
87) Benzo(b)fluoranthene	22.51	252	36499	3.51	ng	98
88) Benzo(k)fluoranthene	22.54	252	32239m	3.55	ng	
89) Benzo(a)pyrene	22.87	252	34364	3.75	ng	99
90) Dibenzo(a,h)anthracene	24.07	278	30923	3.68	ng	# 92
91) Benzo(g,h,i)perylene	24.35	276	29055	3.48	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.98 min Scan# 603

Delta R.T. 0.00 min

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Instrument :

BNA_F

ClientSampled :

SP-3MSD

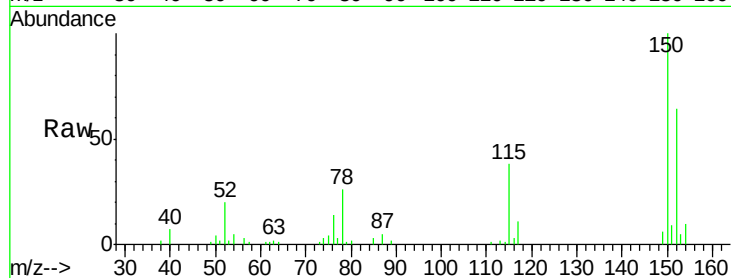
Tot Ion:152 Resp: 40070

Ion Ratio Lower Upper

152 100

150 155.2 121.7 182.5

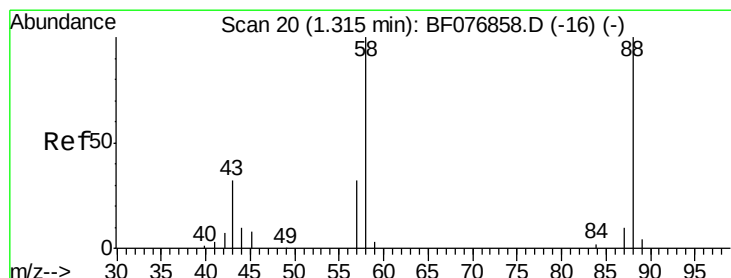
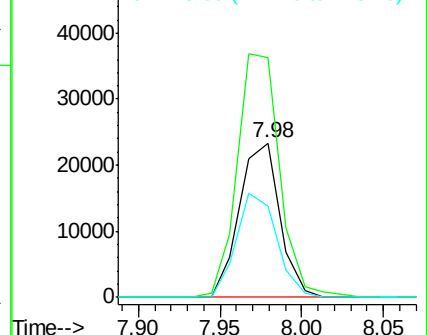
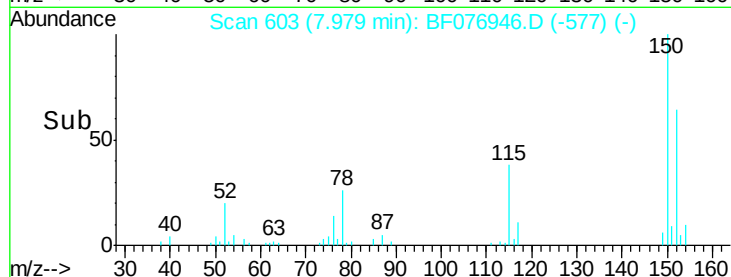
115 58.7 47.0 70.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.39 ng

RT: 1.29 min Scan# 18

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

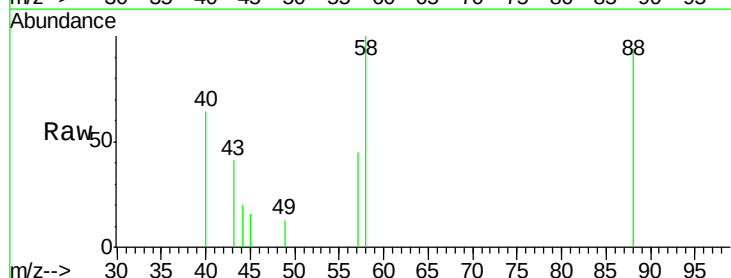
Tgt Ion: 88 Resp: 3533

Ion Ratio Lower Upper

88 100

58 88.4 77.0 115.4

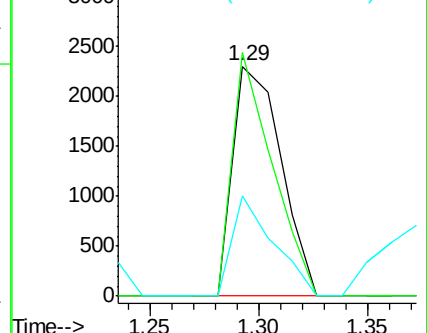
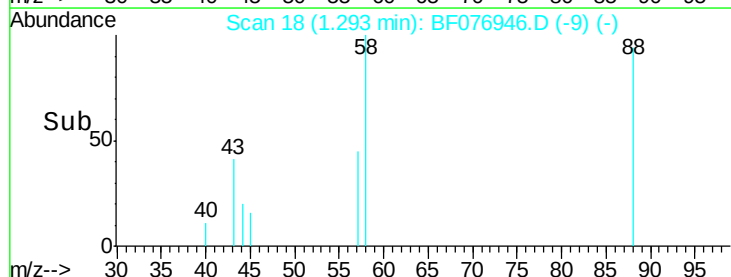
43 37.6 25.6 38.4

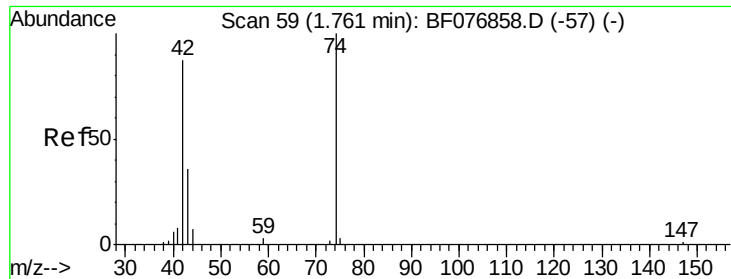


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#4

n-Nitrosodimethylamine

Concen: 2.67 ng

RT: 1.77 min Scan# 60

Delta R.T. 0.01 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

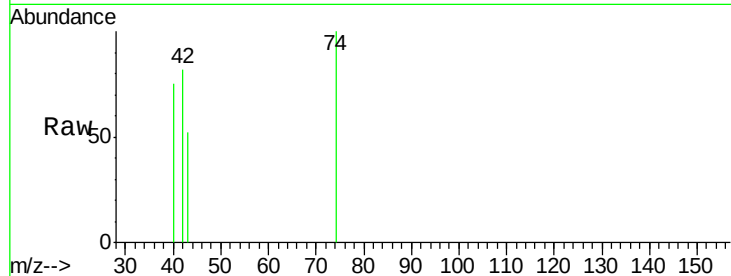
Tot Ion: 42 Resp: 3578

Ion Ratio Lower Upper

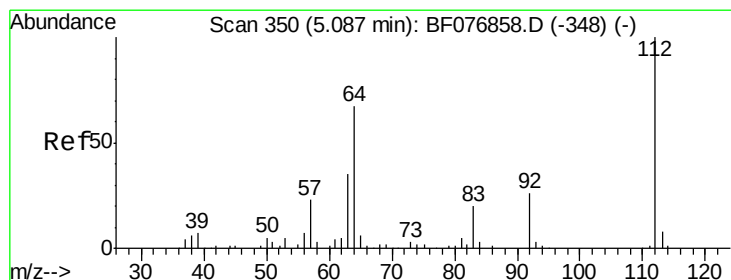
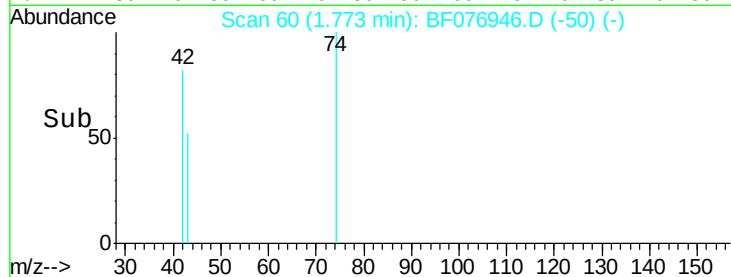
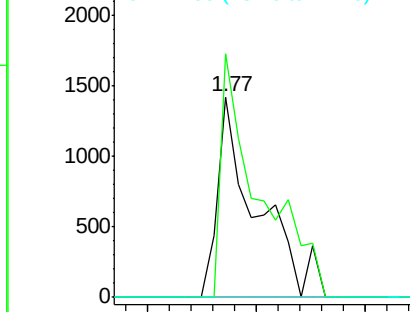
42 100

74 121.5 92.4 138.6

44 0.0 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: 12.10 ng

RT: 5.04 min Scan# 346

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

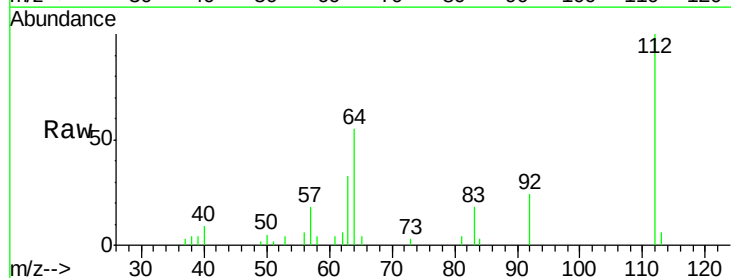
Tgt Ion: 112 Resp: 29500

Ion Ratio Lower Upper

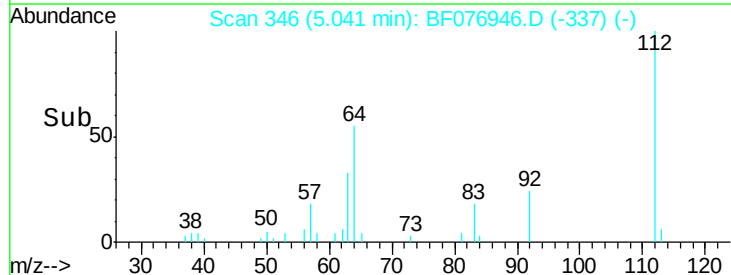
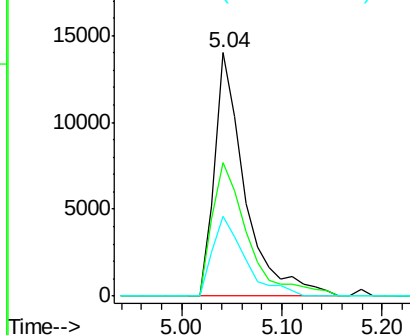
112 100

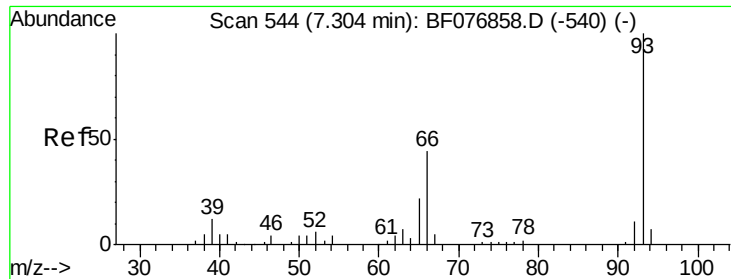
64 55.1 54.2 81.4

63 32.9 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: 2.89 ng

RT: 7.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

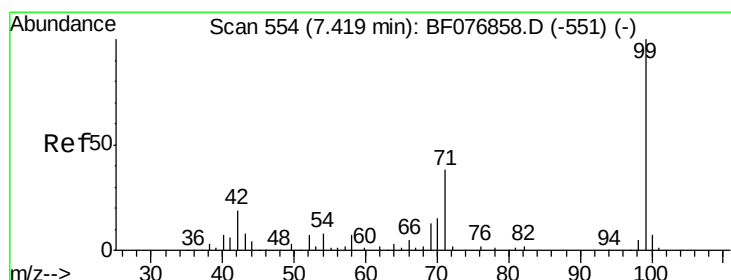
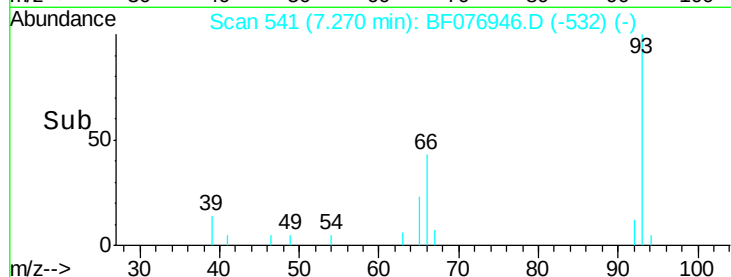
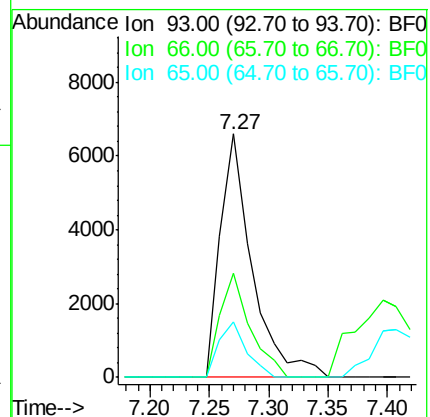
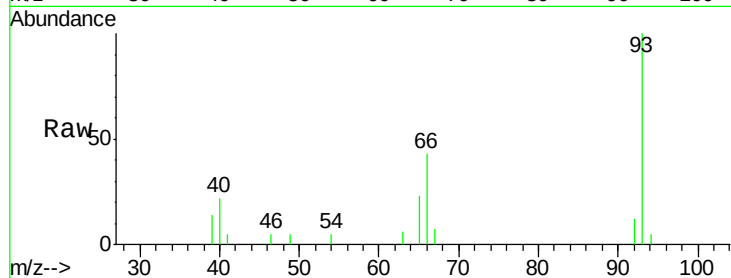
Tot Ion: 93 Resp: 12293

Ion Ratio Lower Upper

93 100

66 42.8 35.0 52.4

65 23.0 17.7 26.5



#7

Phenol-d6

Concen: 11.36 ng

RT: 7.37 min Scan# 550

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

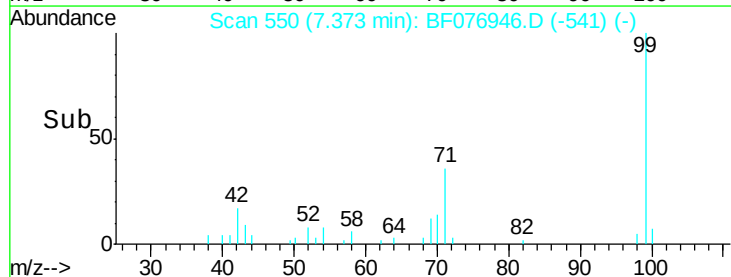
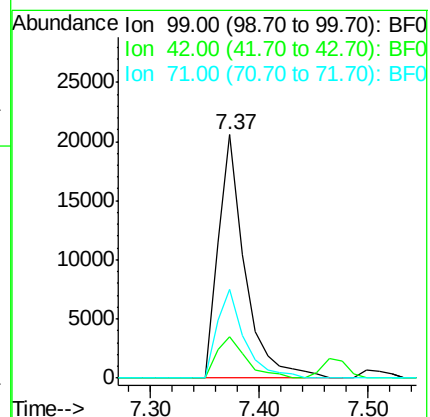
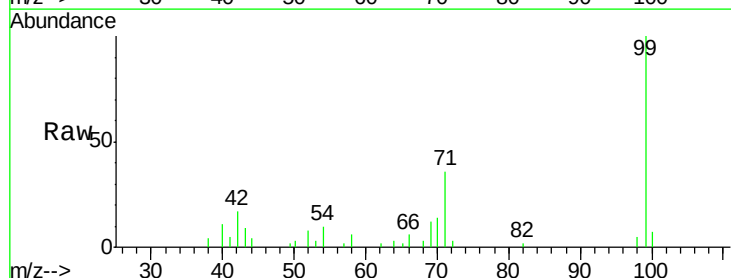
Tgt Ion: 99 Resp: 34937

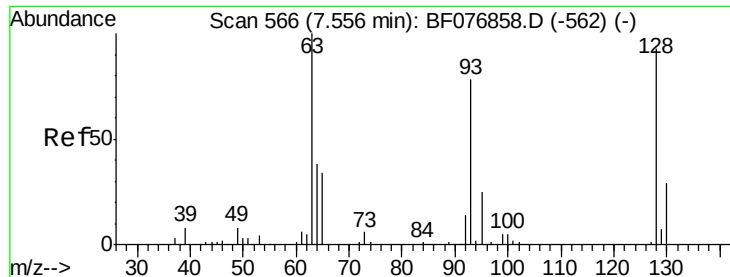
Ion Ratio Lower Upper

99 100

42 17.1 15.0 22.4

71 36.3 30.5 45.7





#8

2-Chlorophenol

Concen: 3.47 ng

RT: 7.51 min Scan# 562

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

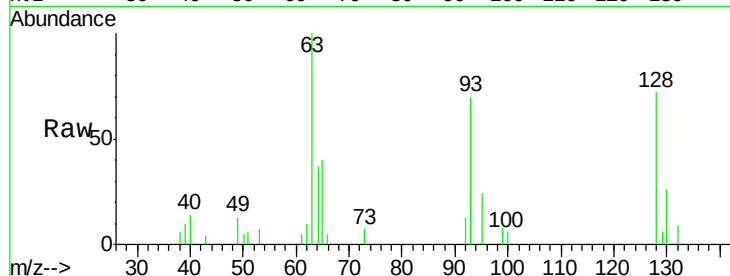
Tot Ion:128 Resp: 9743

Ion Ratio Lower Upper

128 100

130 36.7 11.0 51.0

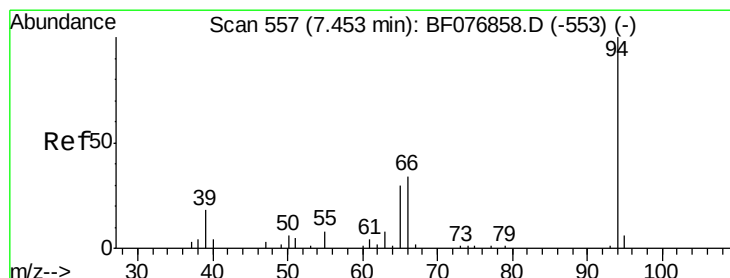
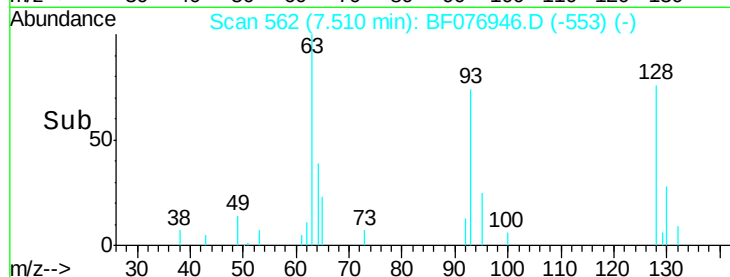
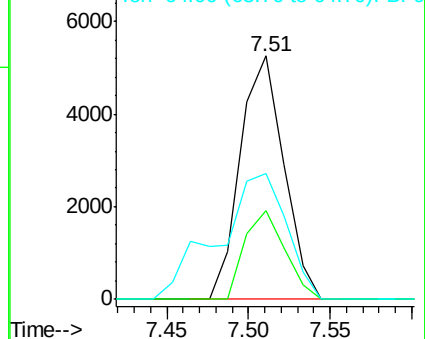
64 51.6 29.3 69.3



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



#10

Phenol

Concen: 3.18 ng

RT: 7.41 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

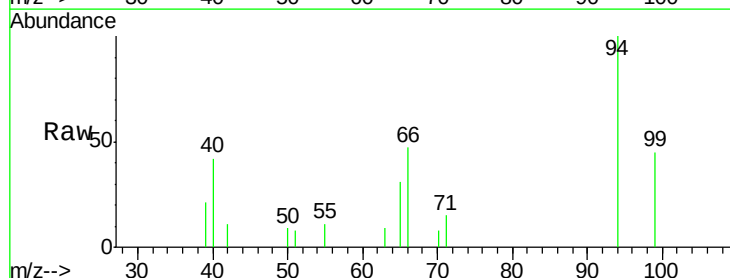
Tgt Ion: 94 Resp: 10386

Ion Ratio Lower Upper

94 100

65 31.3 11.3 51.3

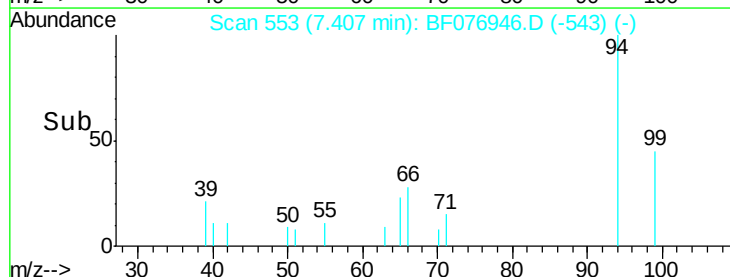
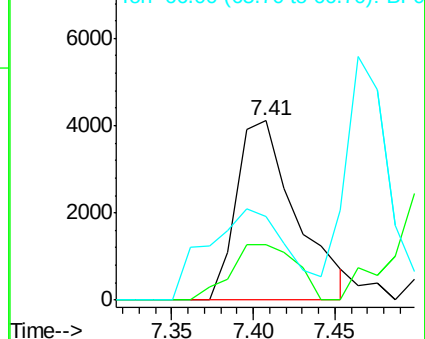
66 46.8 19.5 59.5

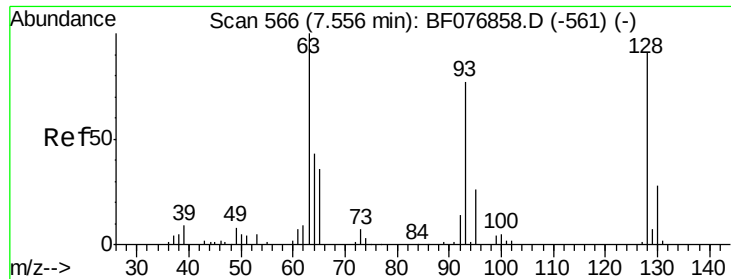


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

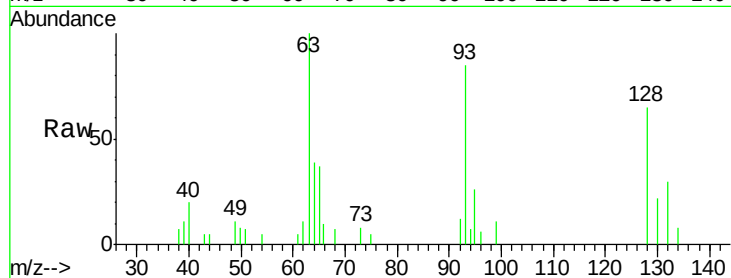




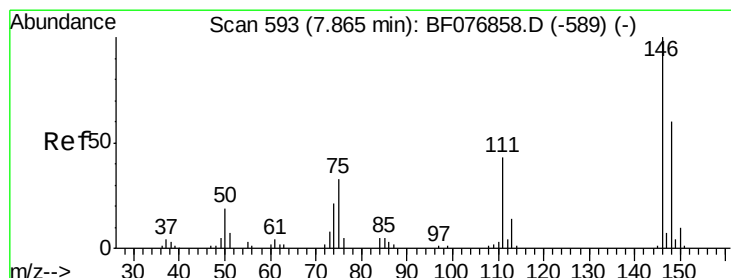
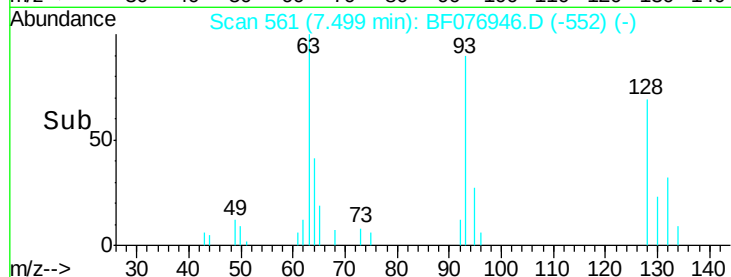
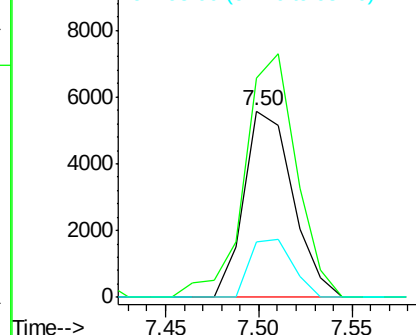
#11
bis(2-Chloroethyl)ether
Concen: 3.98 ng
RT: 7.50 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion: 93 Resp: 10173
Ion Ratio Lower Upper
93 100
63 117.9 111.3 151.3
95 30.1 13.8 53.8

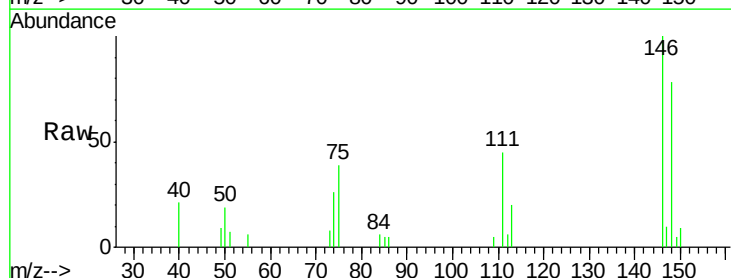


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

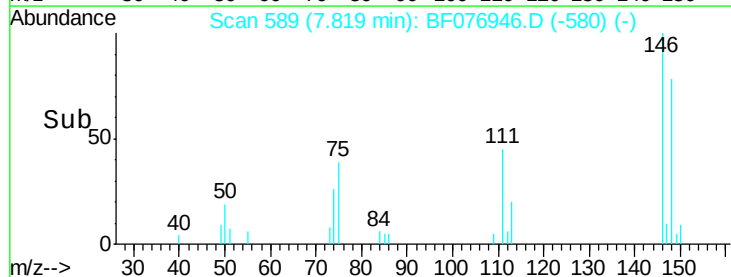
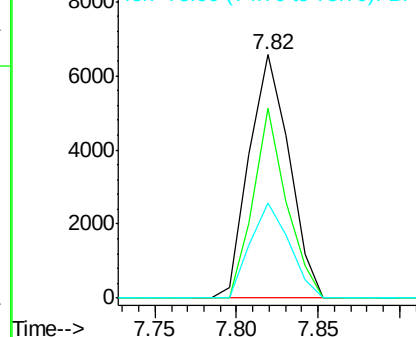


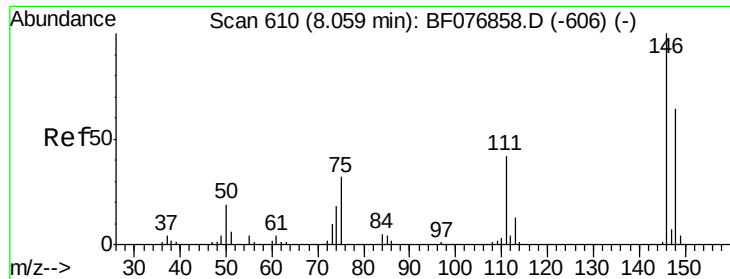
#12
1,3-Dichlorobenzene
Concen: 3.51 ng
RT: 7.82 min Scan# 589
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion: 146 Resp: 11226
Ion Ratio Lower Upper
146 100
148 77.9 48.1 72.1#
75 38.8 26.8 40.2



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

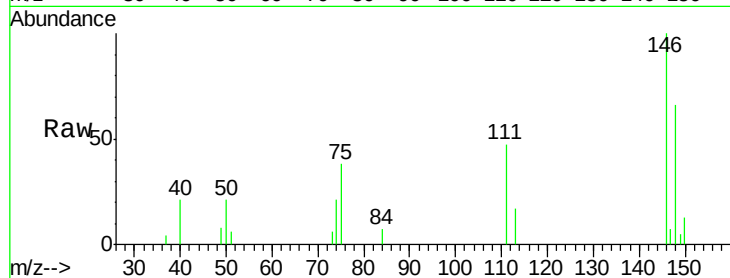




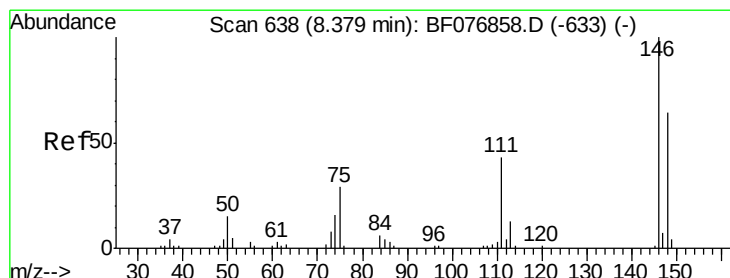
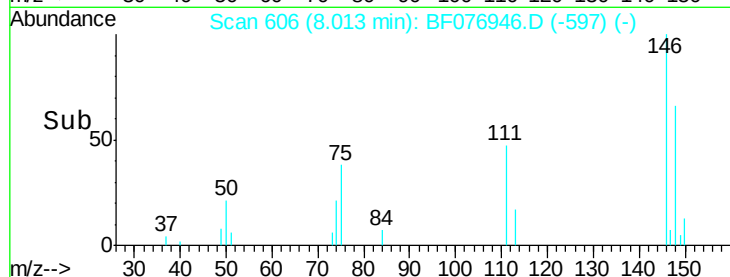
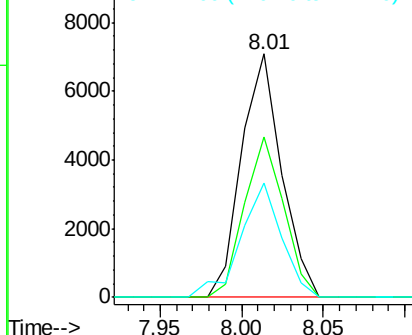
#13
 1,4-Dichlorobenzene
 Concen: 3.57 ng
 RT: 8.01 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion:146 Resp: 12117
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.5 77.3
 111 47.1 33.9 50.9

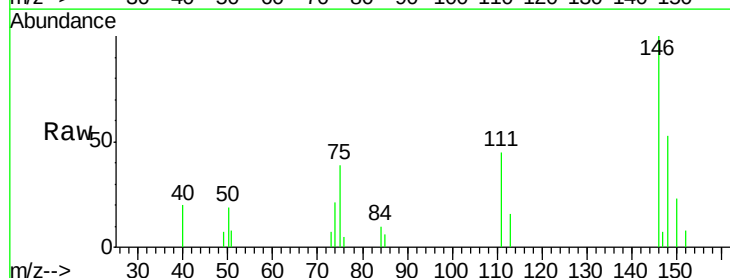


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

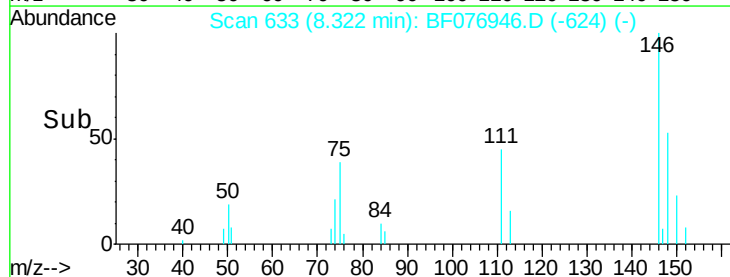
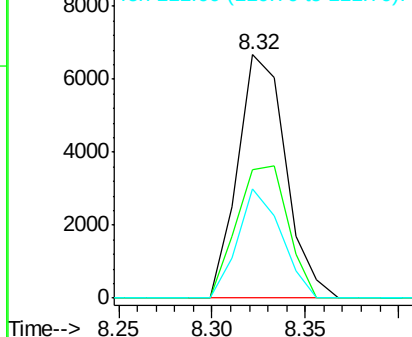


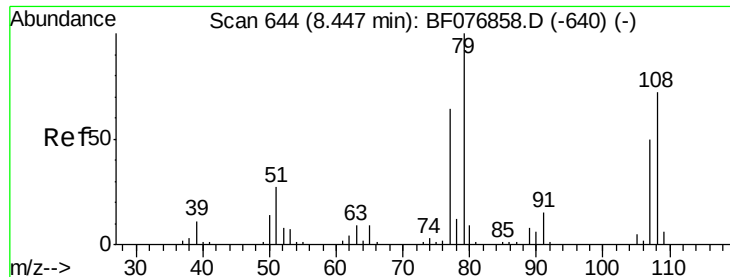
#14
 1,2-Dichlorobenzene
 Concen: 3.83 ng
 RT: 8.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:146 Resp: 11961
 Ion Ratio Lower Upper
 146 100
 148 52.9 51.3 76.9
 111 44.8 34.5 51.7



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





#15

Benzyl Alcohol

Concen: 3.15 ng

RT: 8.41 min Scan# 641

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

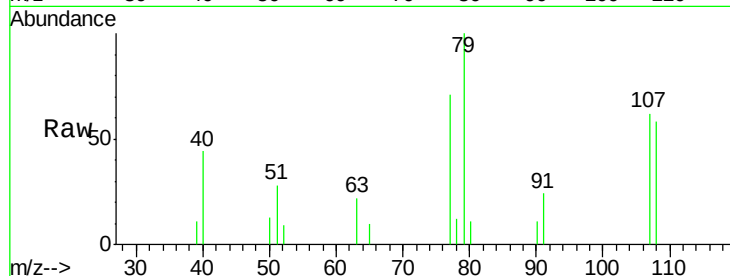
Tot Ion: 79 Resp: 7842

Ion Ratio Lower Upper

79 100

108 57.9 57.2 85.8

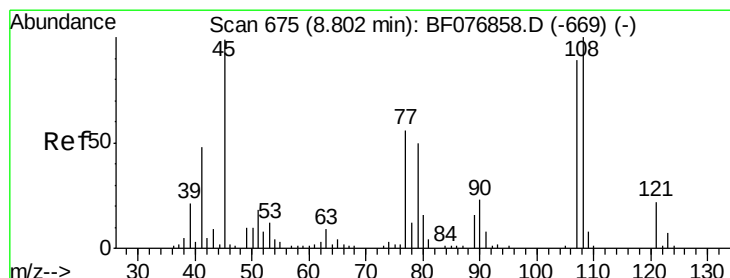
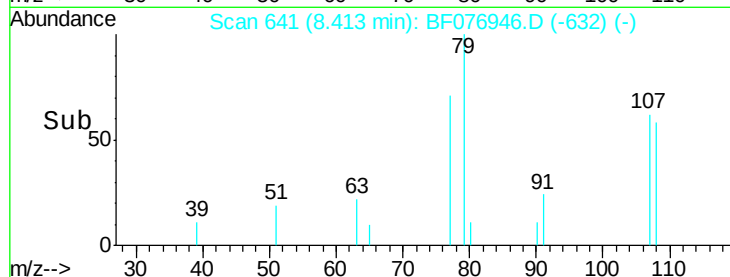
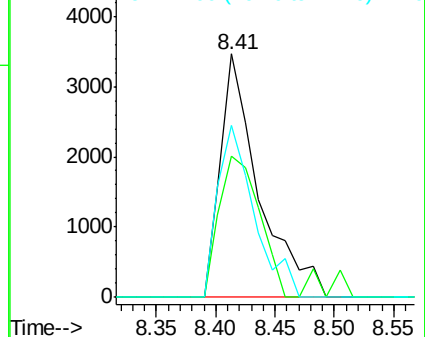
77 70.8 51.2 76.8



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: 4.14 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

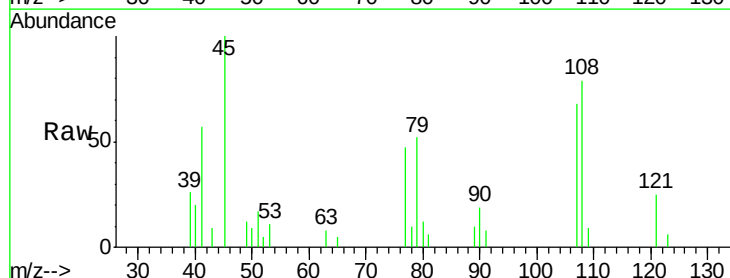
Tgt Ion: 45 Resp: 14206

Ion Ratio Lower Upper

45 100

77 46.6 36.1 76.1

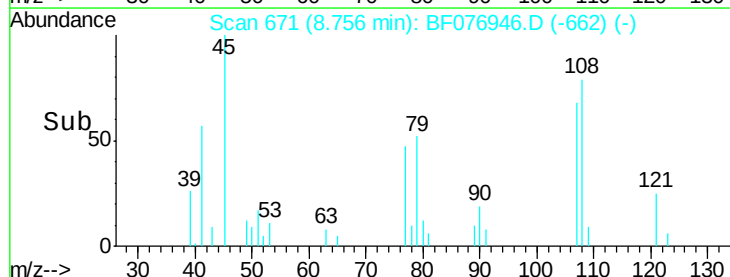
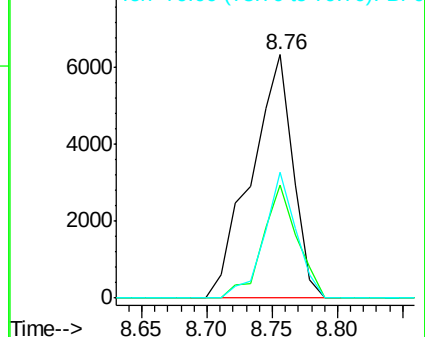
79 51.6 30.5 70.5

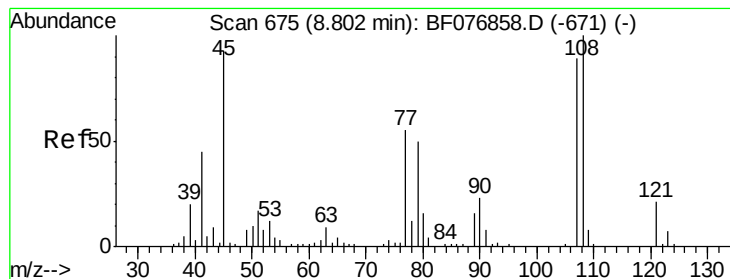


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 3.30 ng

RT: 8.76 min Scan# 671

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tot Ion:107 Resp: 7584

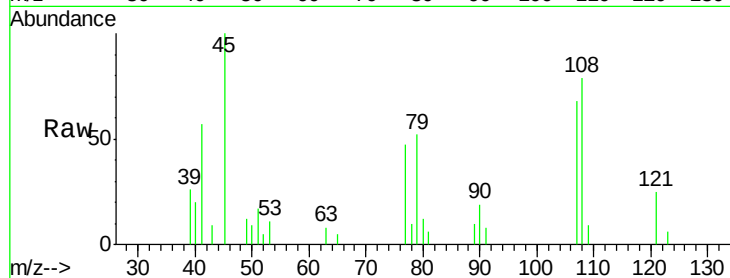
Ion Ratio Lower Upper

107 100

108 115.9 89.7 134.5

77 68.3 50.1 75.1

79 75.6 45.0 67.6#

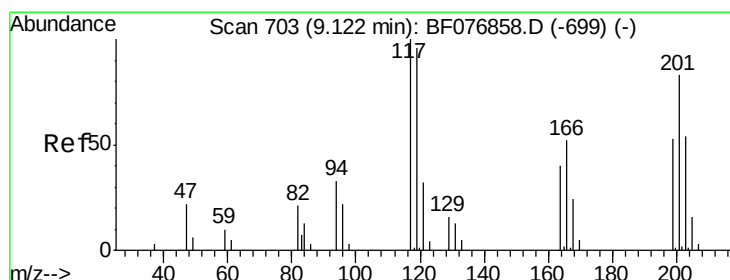
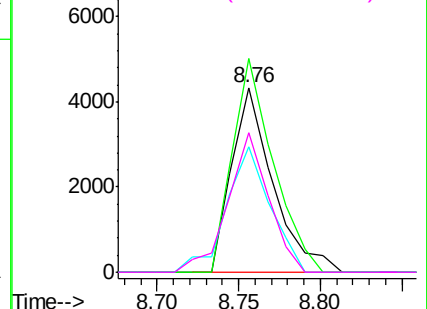
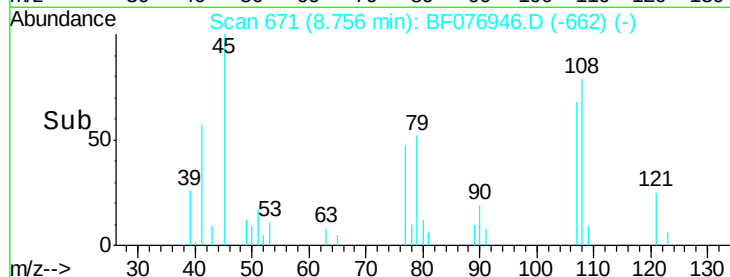


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 4.34 ng

RT: 9.08 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

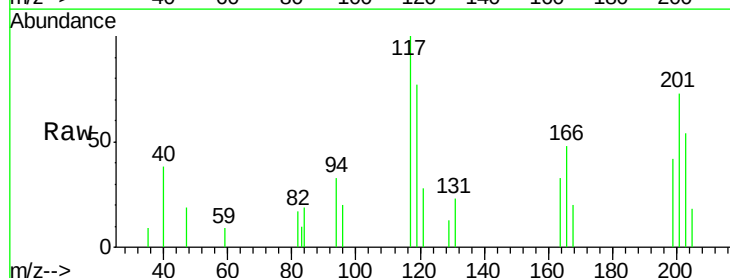
Tgt Ion:117 Resp: 5118

Ion Ratio Lower Upper

117 100

119 76.5 77.1 115.7#

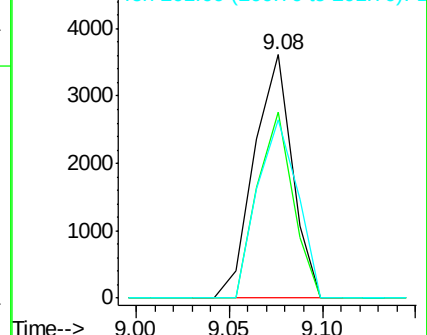
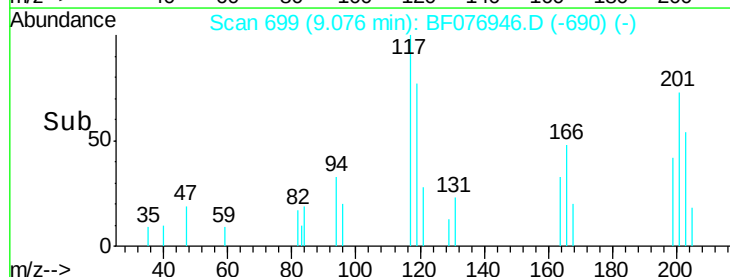
201 73.1 66.8 100.2

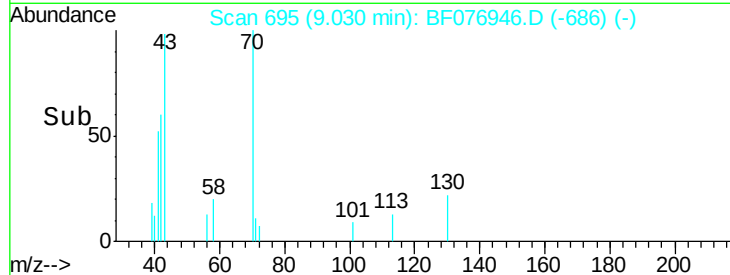
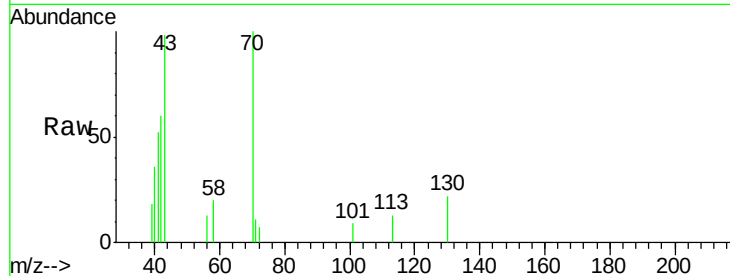
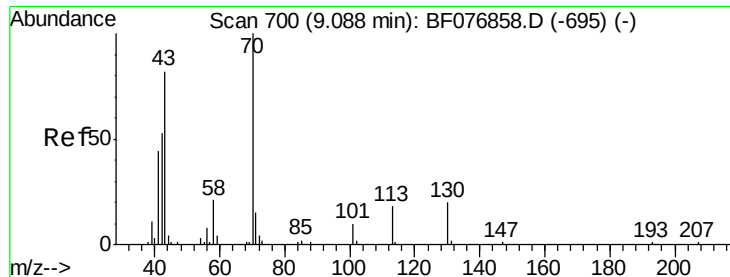


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

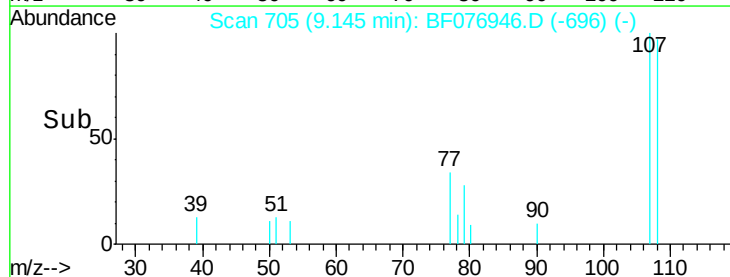
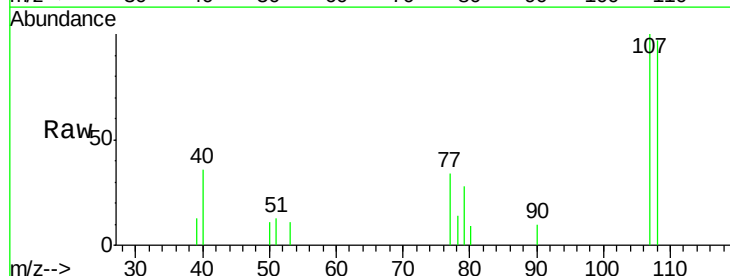
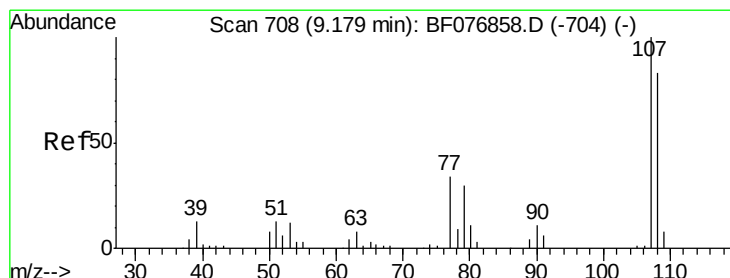
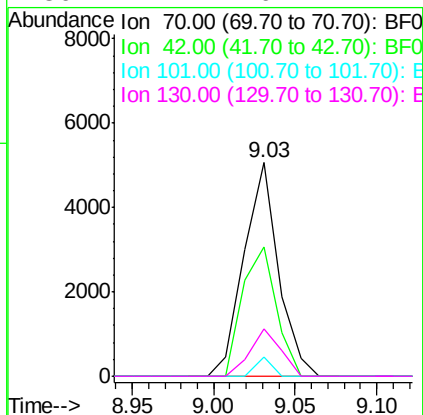




#19
n-Nitroso-di-n-propylamine
Concen: 3.45 ng
RT: 9.03 min Scan# 695
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

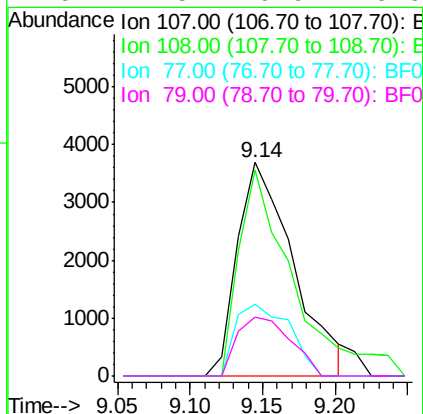
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

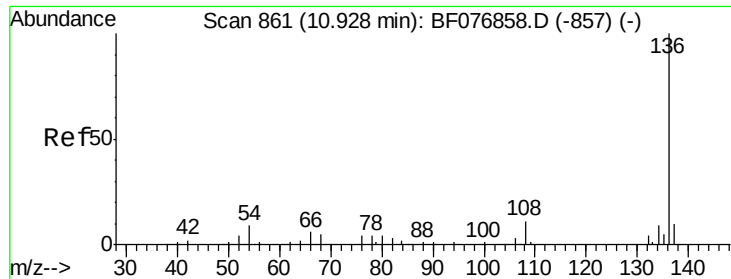
Tot Ion:	70	Resp:	7420
Ion	Ratio	Lower	Upper
70	100		
42	60.3	42.1	63.1
101	8.8	7.8	11.8
130	22.2	16.2	24.4



#20
3+4-Methylphenols
Concen: 3.24 ng
RT: 9.14 min Scan# 705
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:	107	Resp:	9848
Ion	Ratio	Lower	Upper
107	100		
108	96.6	63.5	103.5
77	33.7	14.0	54.0
79	27.5	9.9	49.9

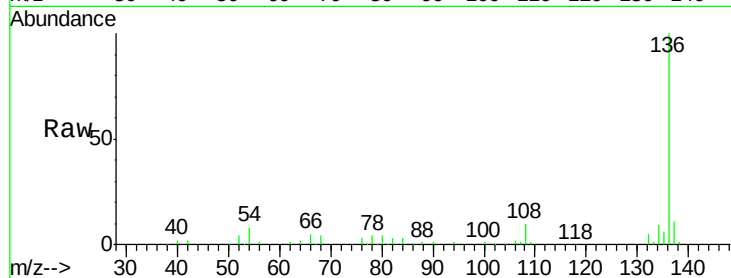




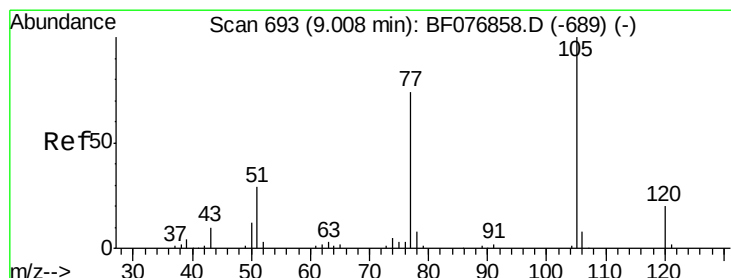
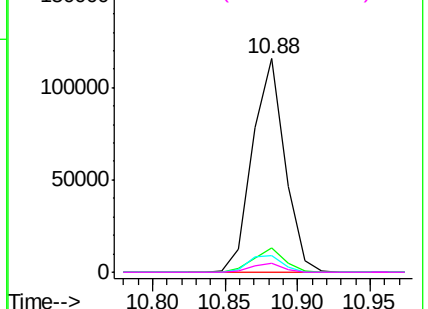
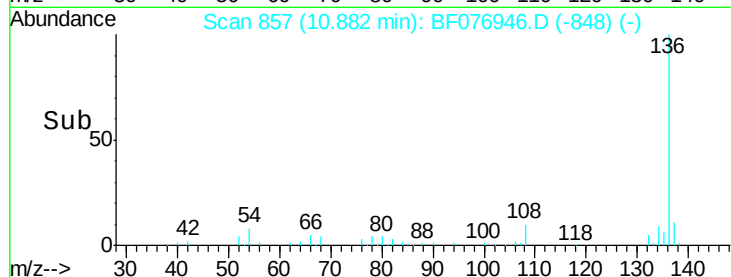
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion:136	Resp:	178197
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.1 12.1
54	7.8	7.0 10.4
68	4.2	3.7 5.5

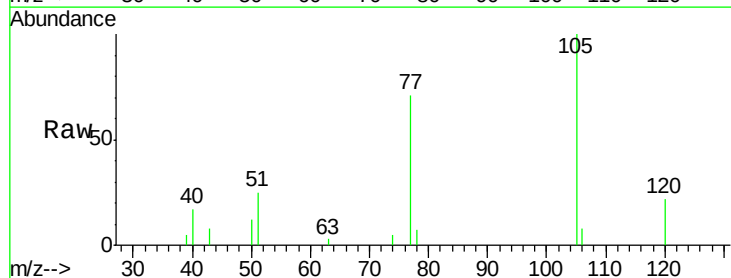


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

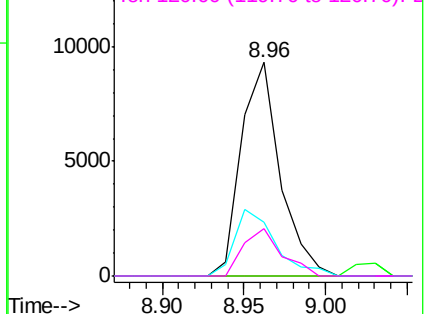
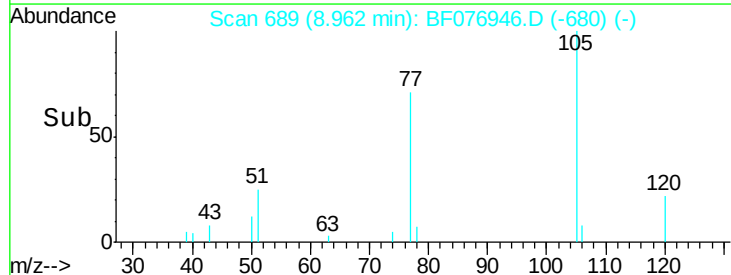


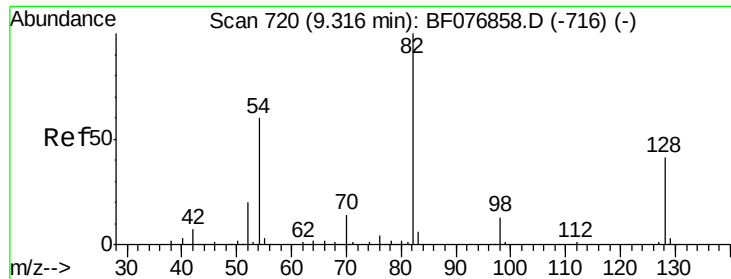
#22
Acetophenone
Concen: 3.53 ng
RT: 8.96 min Scan# 689
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:105	Resp:	15420
Ion Ratio	Lower	Upper
105	100	
71	0.0	0.0 0.0
51	25.4	23.3 34.9
120	22.0	16.1 24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF0
Ion 51.00 (50.70 to 51.70): BF0
Ion 120.00 (119.70 to 120.70): E

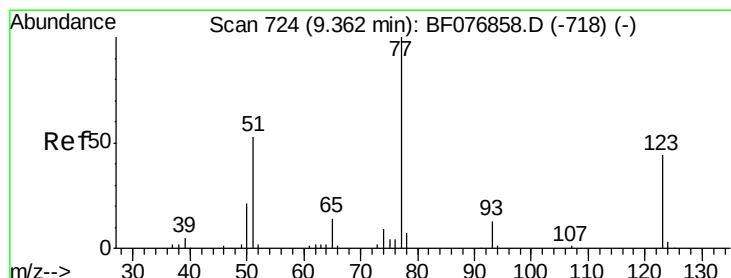
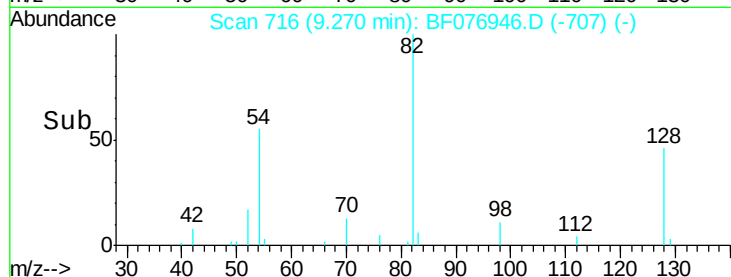
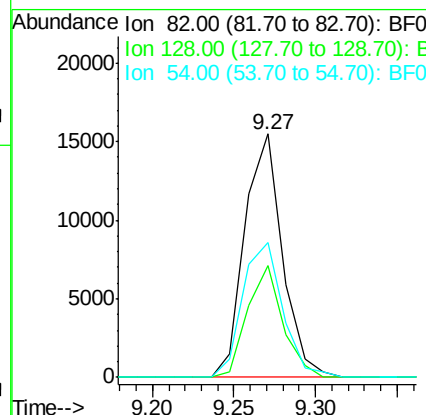
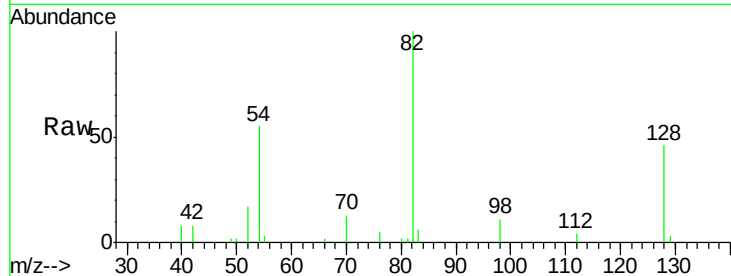




#23
 Nitrobenzene-d5
 Concen: 7.69 ng
 RT: 9.27 min Scan# 716
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

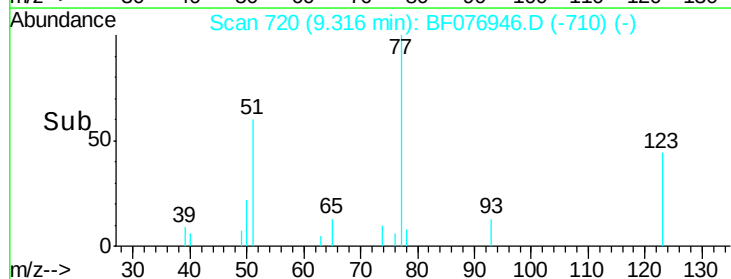
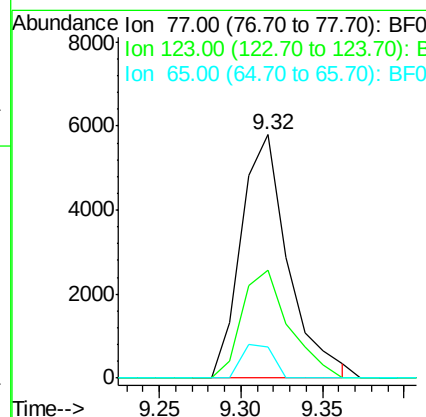
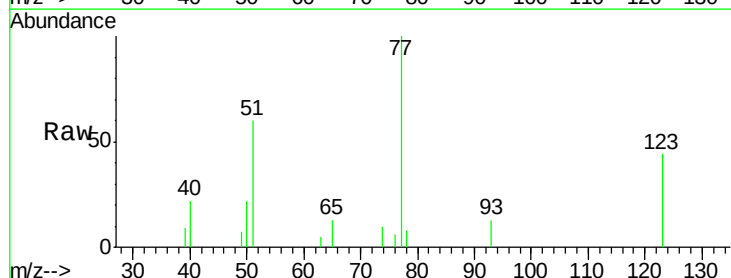
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

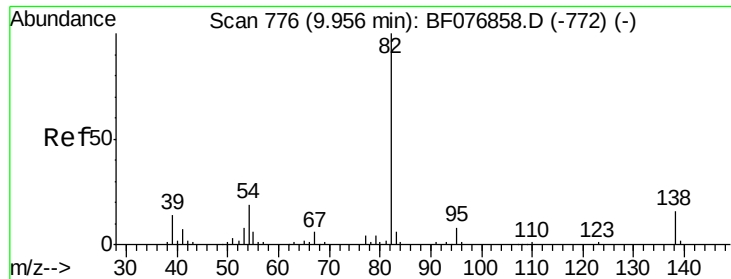
Tot Ion	82	Resp	24737
Ion Ratio	Lower	Upper	
82	100		
128	46.1	33.1	49.7
54	55.3	48.3	72.5



#24
 Nitrobenzene
 Concen: 3.53 ng
 RT: 9.32 min Scan# 720
 Delta R.T. 0.01 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion	77	Resp	11575
Ion Ratio	Lower	Upper	
77	100		
123	44.1	35.2	52.8
65	12.9	11.4	17.2





#25

Isophorone

Concen: 3.38 ng

RT: 9.91 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

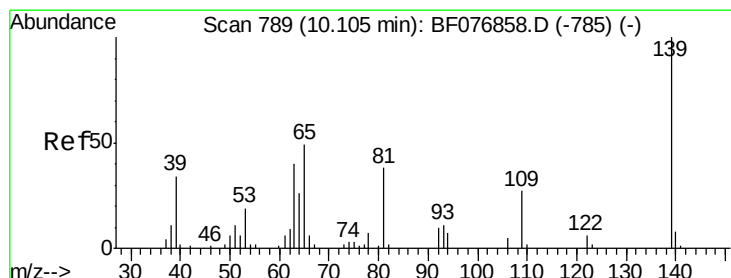
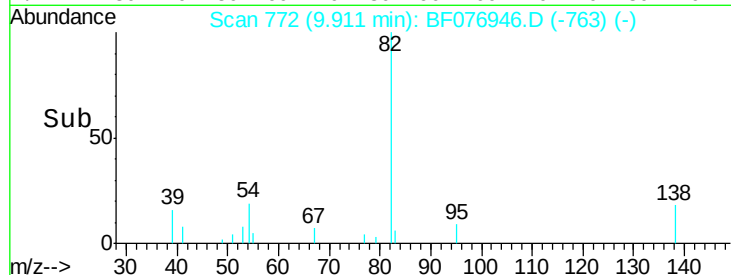
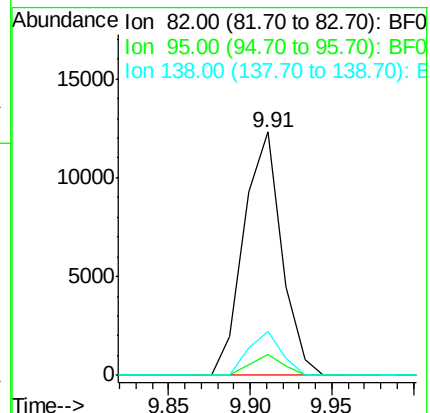
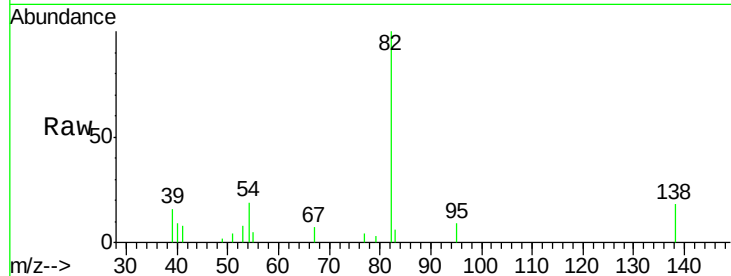
Tot Ion: 82 Resp: 19787

Ion Ratio Lower Upper

82 100

95 8.5 6.6 10.0

138 17.9 12.6 18.8



#26

2-Nitrophenol

Concen: 4.09 ng

RT: 10.06 min Scan# 785

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

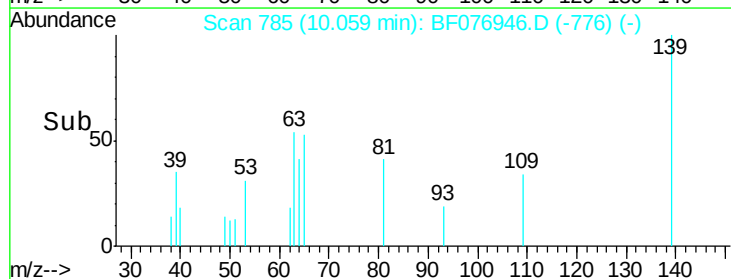
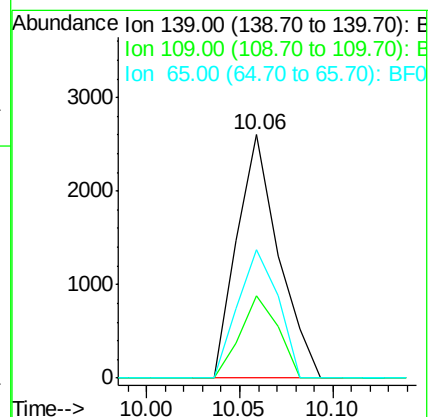
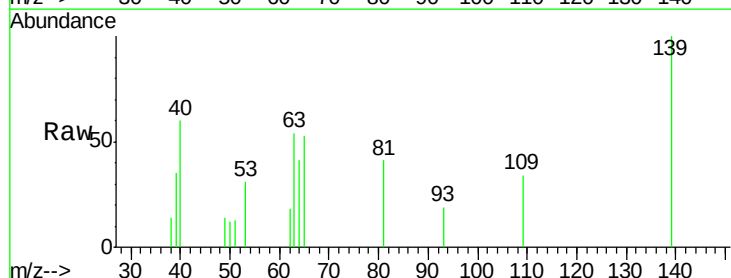
Tgt Ion: 139 Resp: 4048

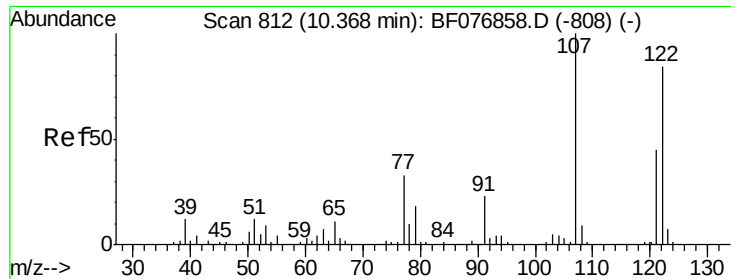
Ion Ratio Lower Upper

139 100

109 33.7 21.3 31.9#

65 52.7 39.4 59.0

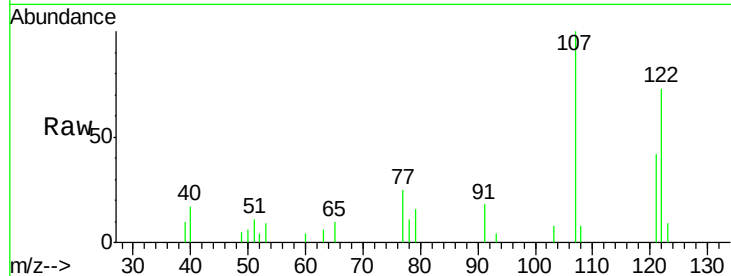




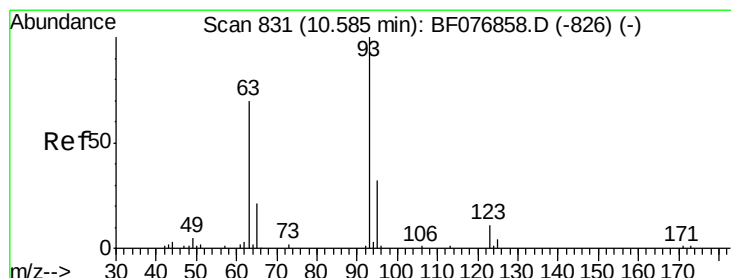
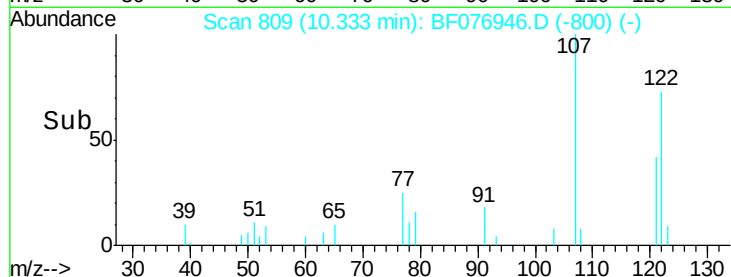
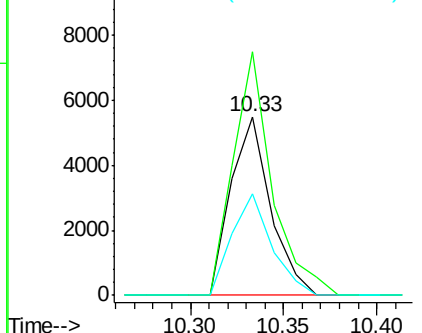
#27
 2,4-Dimethylphenol
 Concen: 3.21 ng
 RT: 10.33 min Scan# 809
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion:122 Resp: 8143
 Ion Ratio Lower Upper
 122 100
 107 136.1 95.2 142.8
 121 56.7 42.9 64.3

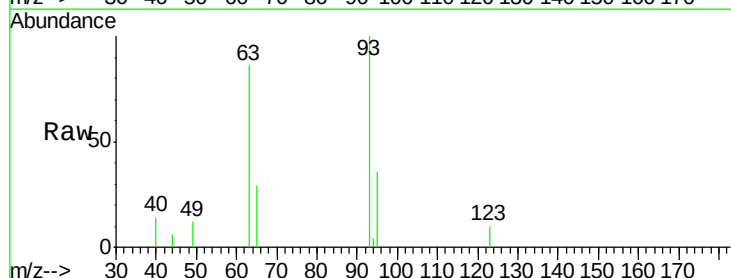


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

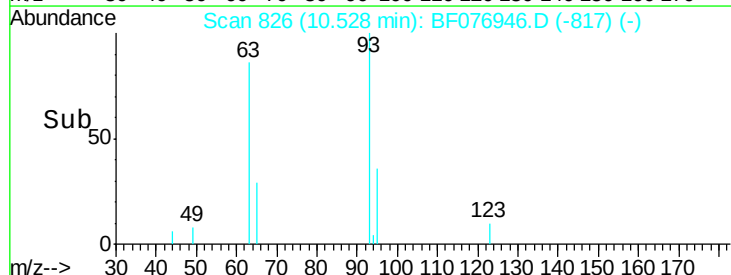
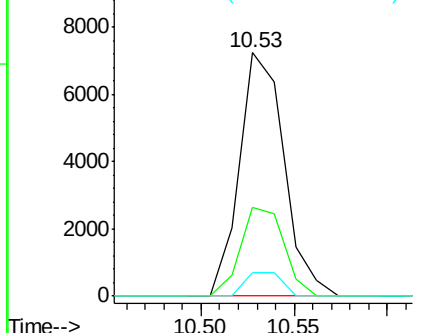


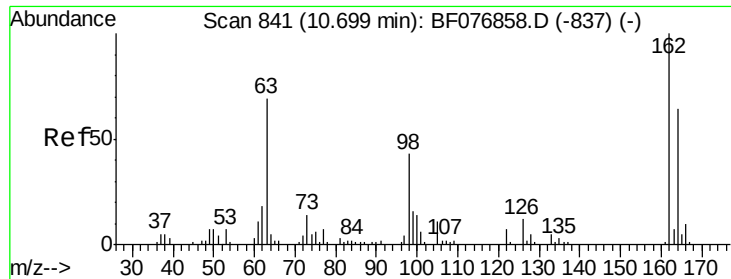
#28
 bis(2-Chloroethoxy)methane
 Concen: 3.61 ng
 RT: 10.53 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion: 93 Resp: 12019
 Ion Ratio Lower Upper
 93 100
 95 36.3 25.6 38.4
 123 9.5 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

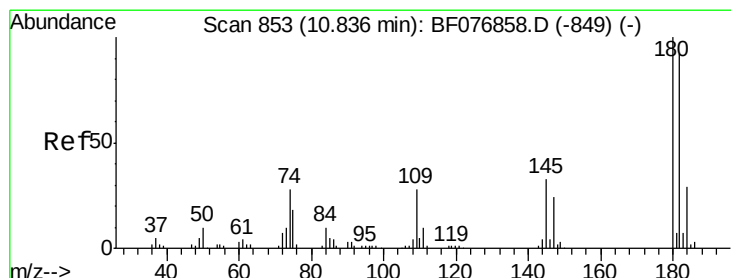
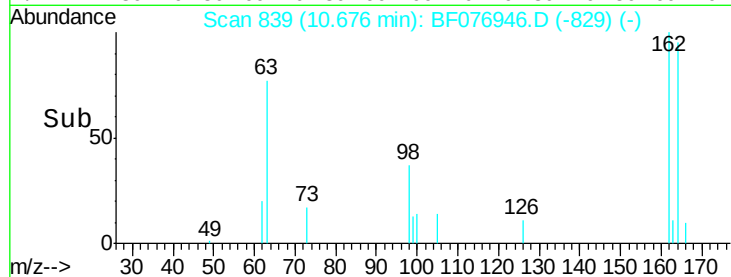
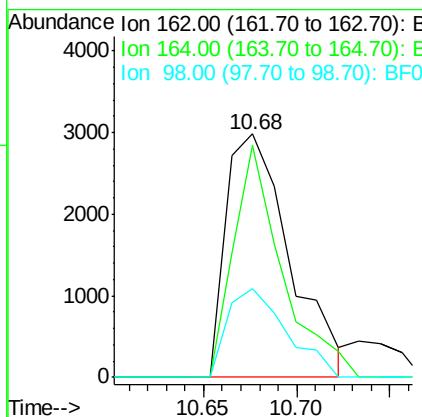
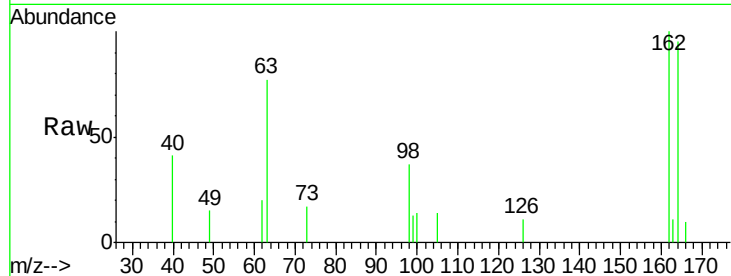




#29
 2,4-Dichlorophenol
 Concen: 3.01 ng
 RT: 10.68 min Scan# 839
 Delta R.T. 0.01 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

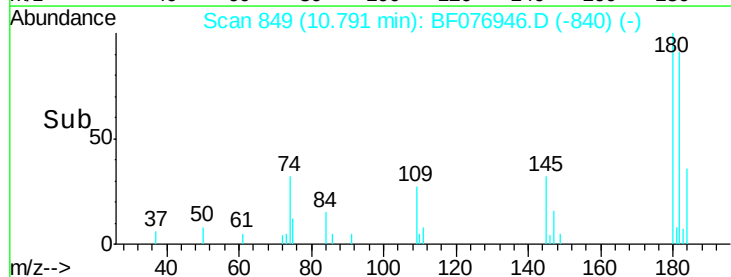
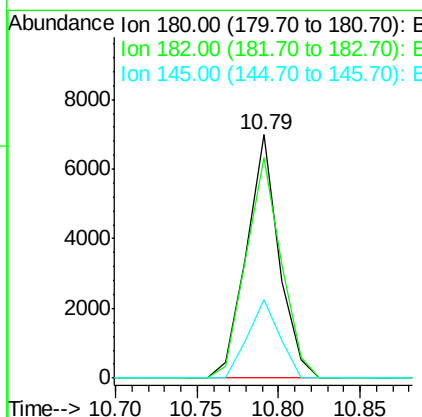
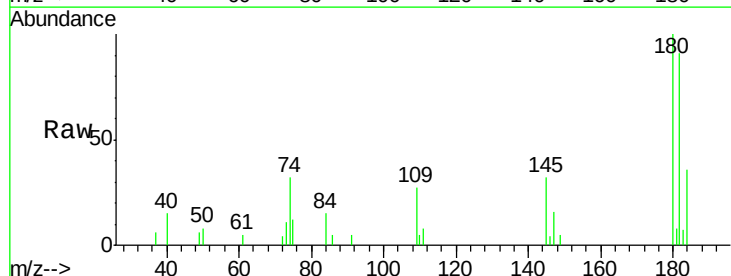
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

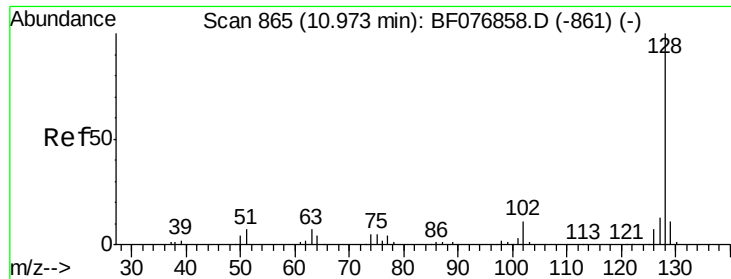
Tot Ion:162 Resp: 7111
 Ion Ratio Lower Upper
 162 100
 164 95.1 43.8 83.8#
 98 36.5 22.5 62.5



#30
 1,2,4-Trichlorobenzene
 Concen: 3.68 ng
 RT: 10.79 min Scan# 849
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:180 Resp: 9656
 Ion Ratio Lower Upper
 180 100
 182 90.7 73.6 110.4
 145 32.3 26.6 39.8

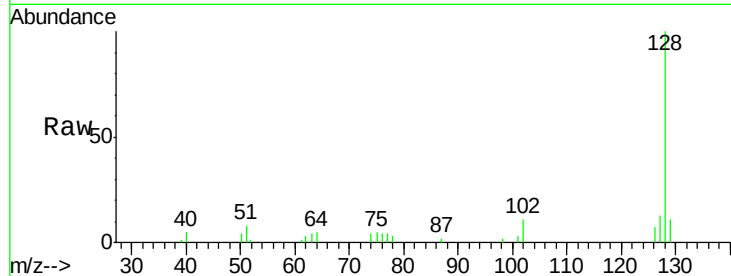




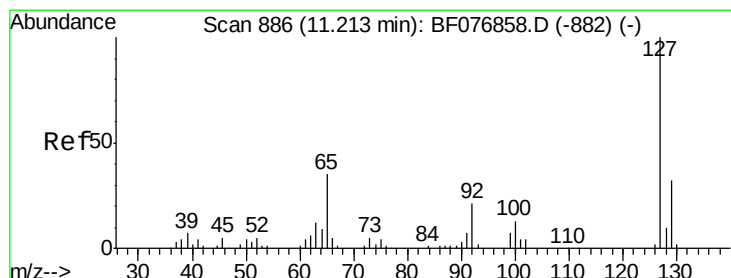
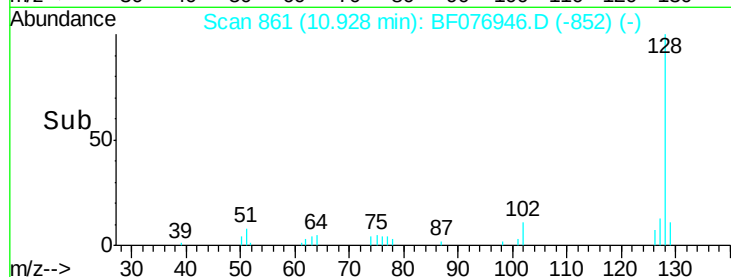
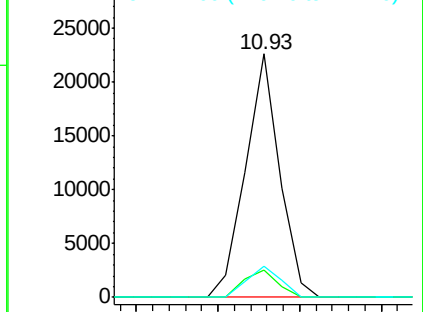
#31
Naphthalene
Concen: 3.57 ng
RT: 10.93 min Scan# 861
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion:128 Resp: 32725
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 10.2 15.2

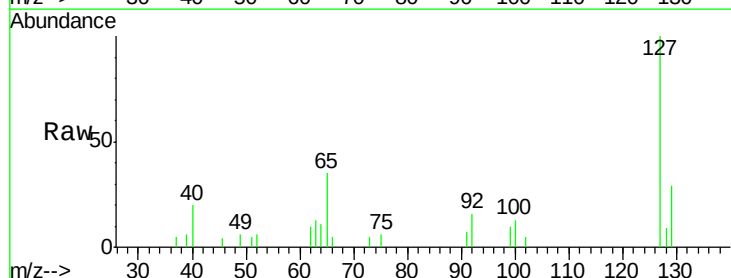


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

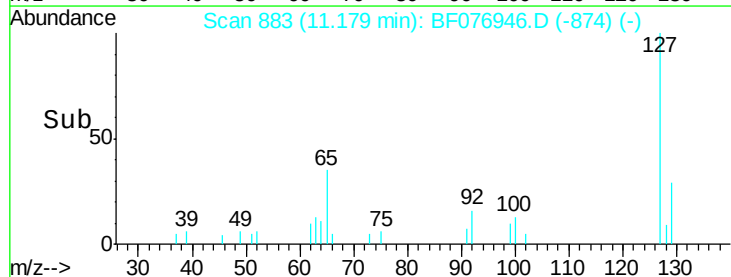
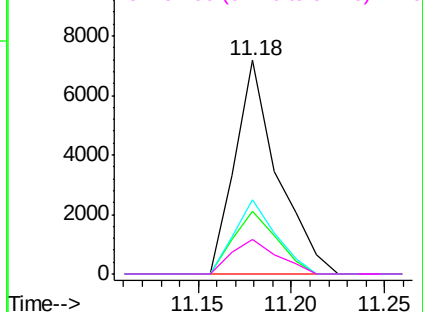


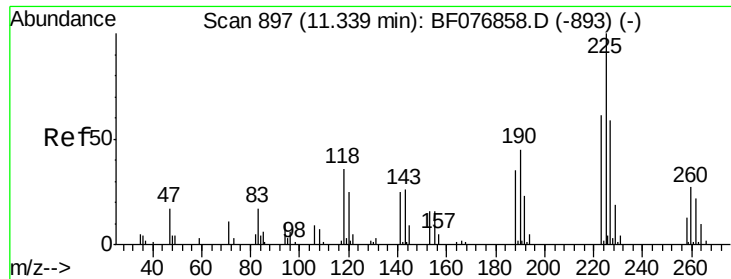
#33
4-Chloroaniline
Concen: 3.08 ng
RT: 11.18 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:127 Resp: 11412
Ion Ratio Lower Upper
127 100
129 29.2 25.3 37.9
65 34.6 27.8 41.6
92 16.0 16.5 24.7#



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





#34

Hexachlorobutadiene

Concen: 3.47 ng

RT: 11.29 min Scan# 893

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

SP-3MSD

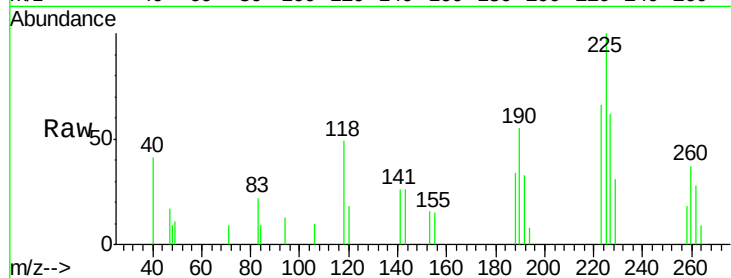
Tot Ion:225 Resp: 5407

Ion Ratio Lower Upper

225 100

223 66.3 49.1 73.7

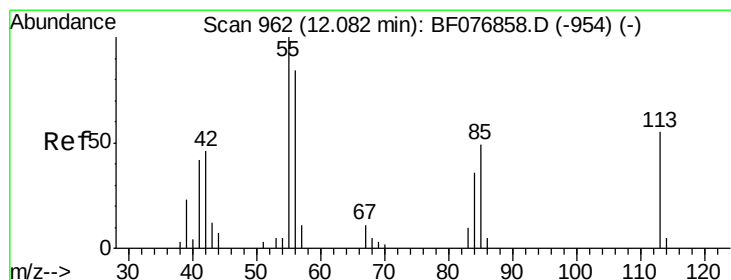
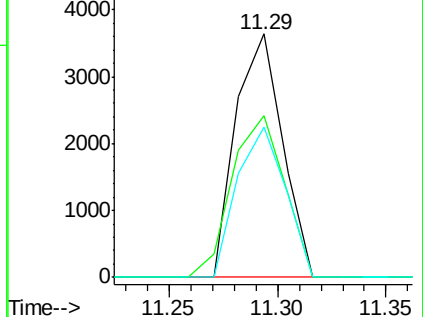
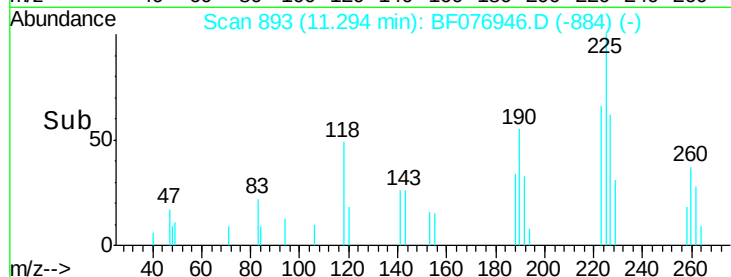
227 61.7 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 2.06 ng

RT: 11.96 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

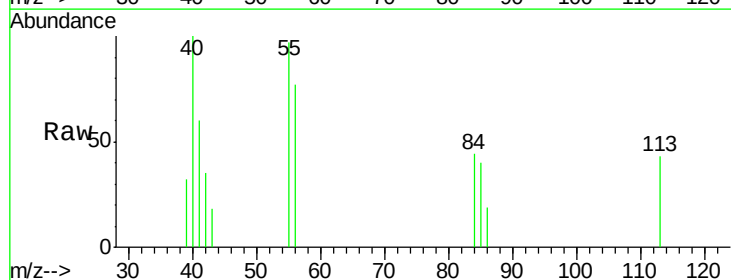
Tgt Ion:113 Resp: 1432

Ion Ratio Lower Upper

113 100

55 226.0 162.1 202.1#

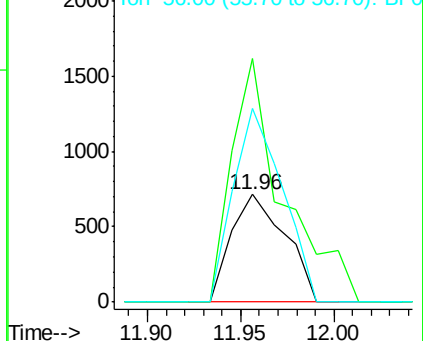
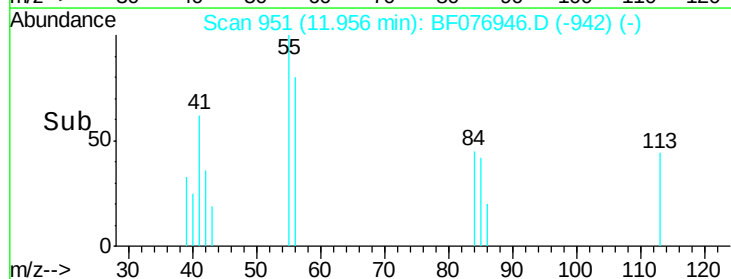
56 180.0 133.7 173.7#

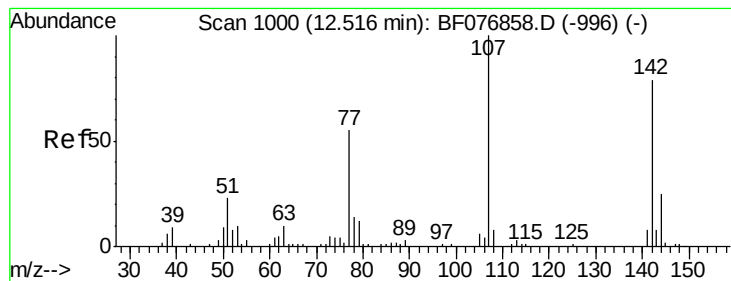


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 3.37 ng

RT: 12.47 min Scan# 996

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

SP-3MSD

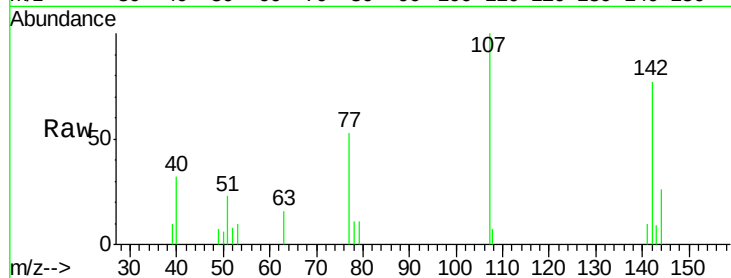
Tot Ion:107 Resp: 9106

Ion Ratio Lower Upper

107 100

144 26.0 20.0 30.0

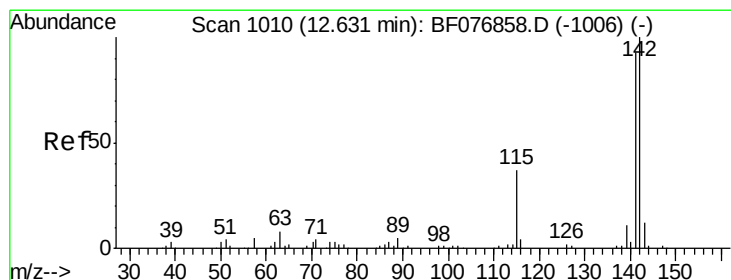
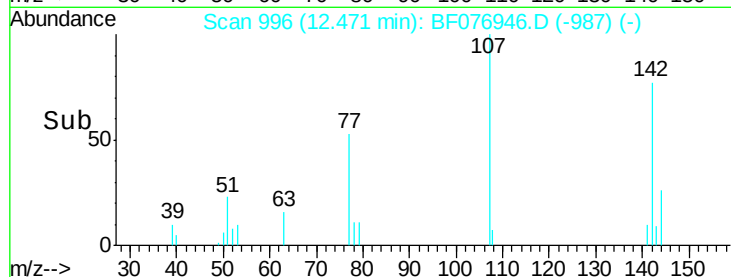
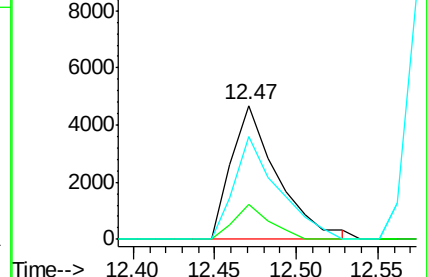
142 77.2 63.5 95.3



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



#37

2-Methylnaphthalene

Concen: 3.68 ng

RT: 12.59 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

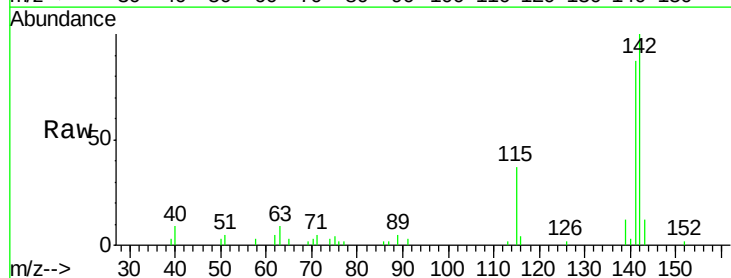
Tgt Ion:142 Resp: 23033

Ion Ratio Lower Upper

142 100

141 86.9 74.5 111.7

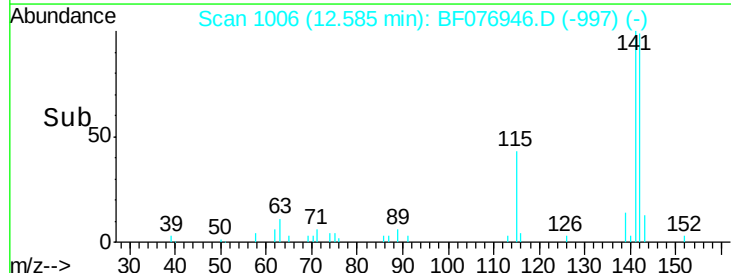
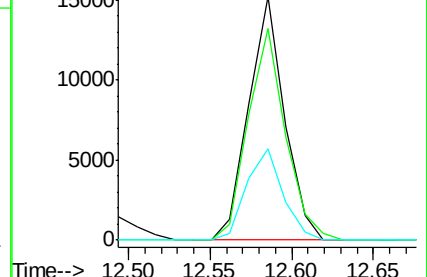
115 37.4 29.7 44.5

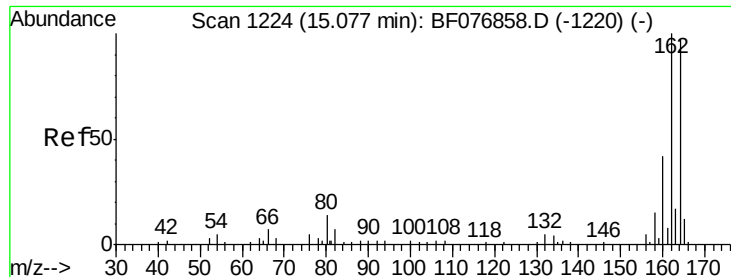


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.01 min Scan# 1218

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

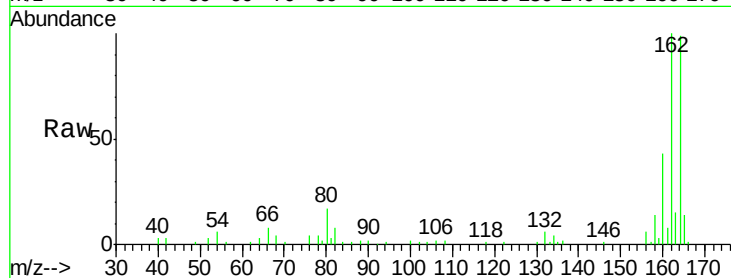
Tot Ion:164 Resp: 97925

Ion Ratio Lower Upper

164 100

162 100.6 82.4 123.6

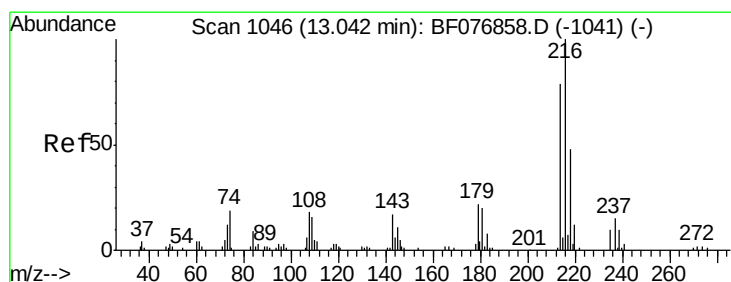
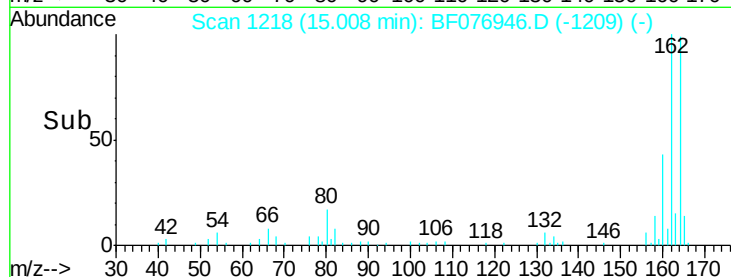
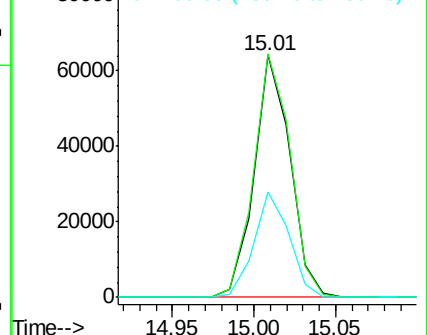
160 43.3 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.11 ng

RT: 12.99 min Scan# 1041

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Tgt Ion:216 Resp: 9945

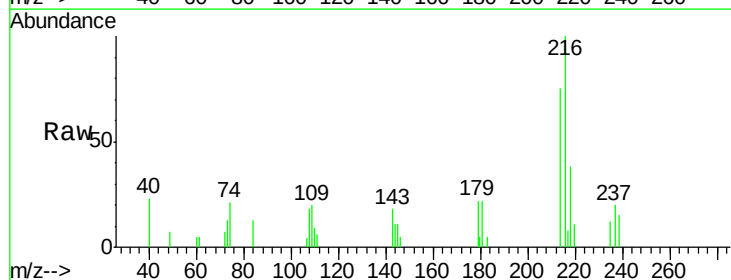
Ion Ratio Lower Upper

216 100

214 72.2 64.9 97.3

179 21.1 18.6 28.0

108 18.8 18.1 27.1

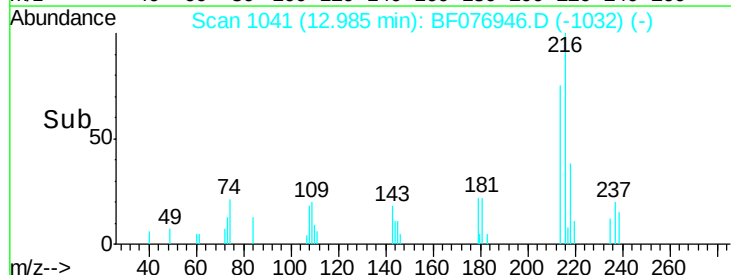
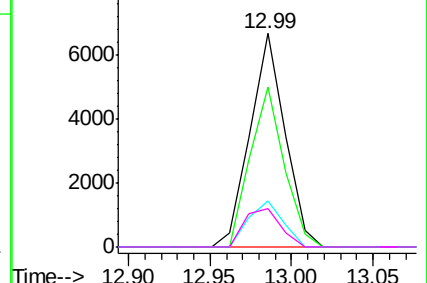


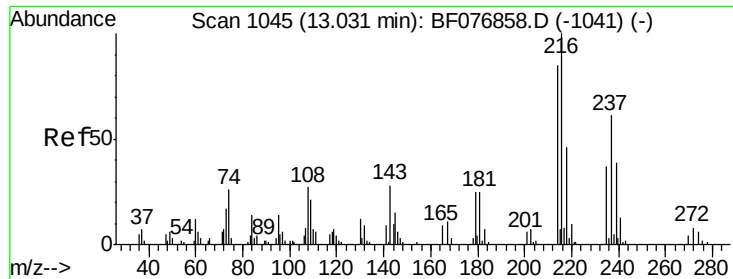
Abundance Ion 216.00 (215.70 to 216.70): E

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

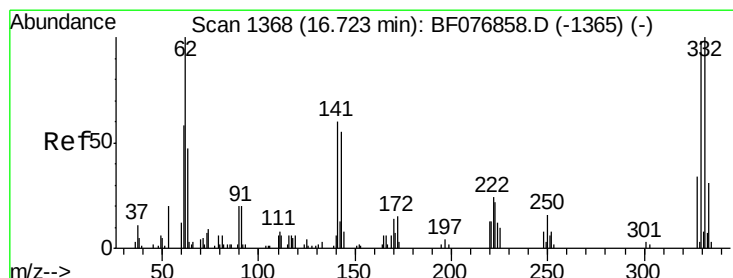
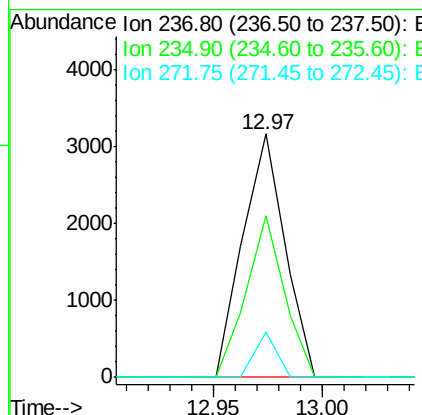
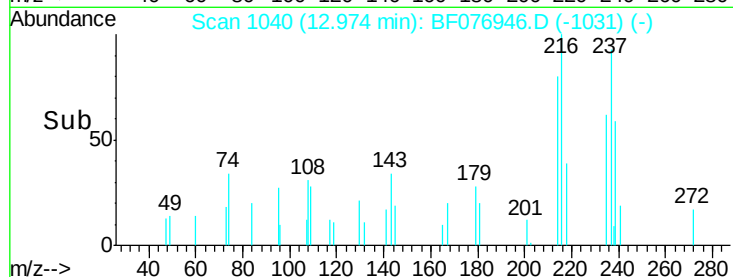
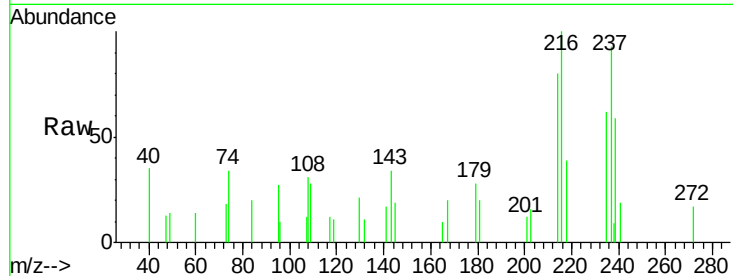




#40
Hexachlorocyclopentadiene
Concen: 7.66 ng
RT: 12.97 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

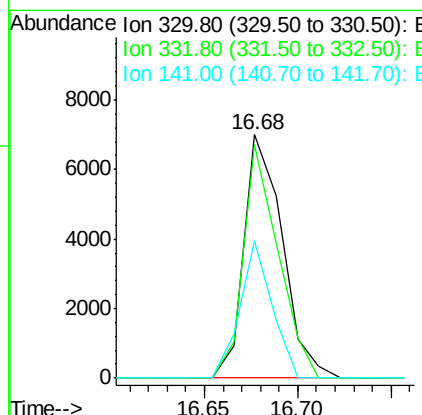
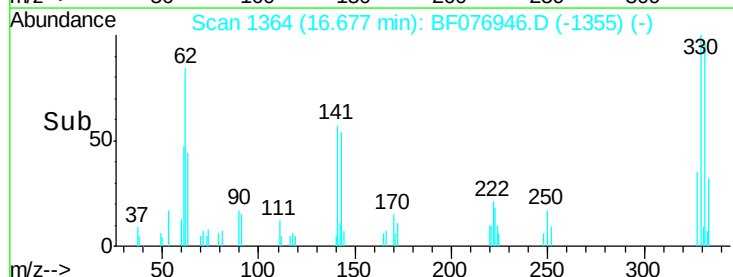
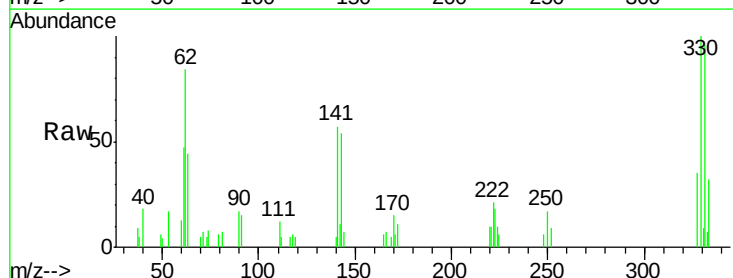
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

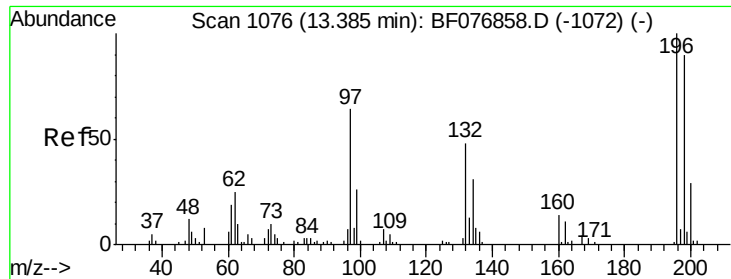
Tot Ion:237 Resp: 4261
Ion Ratio Lower Upper
237 100
235 66.6 40.4 80.4
272 18.7 0.0 33.2



#41
2,4,6-Tribromophenol
Concen: 12.62 ng
RT: 16.68 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:330 Resp: 10029
Ion Ratio Lower Upper
330 100
332 87.3 77.8 116.6
141 46.9 38.5 57.7

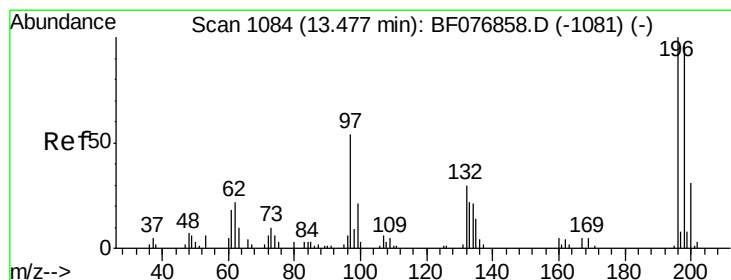
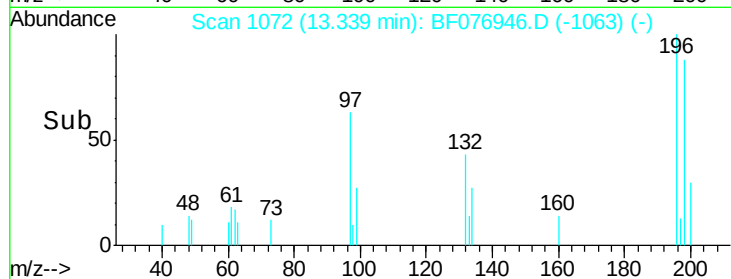
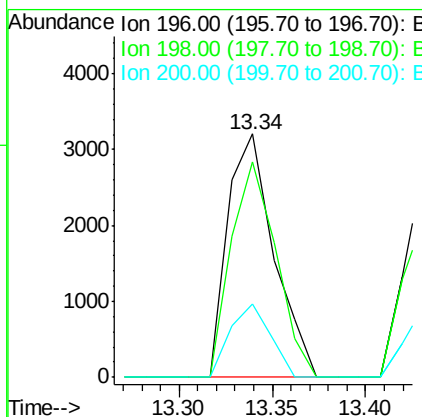
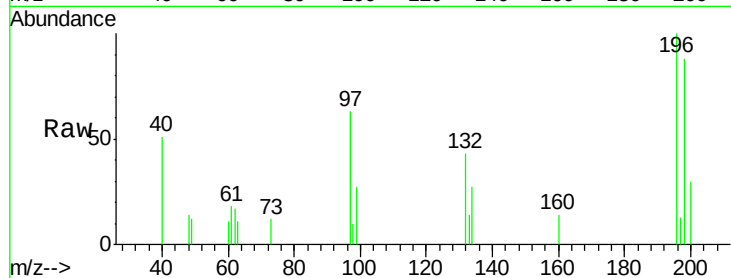




#42
 2,4,6-Trichlorophenol
 Concen: 3.15 ng
 RT: 13.34 min Scan# 1072
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

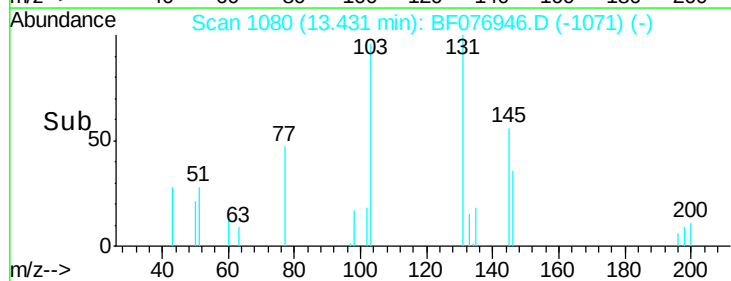
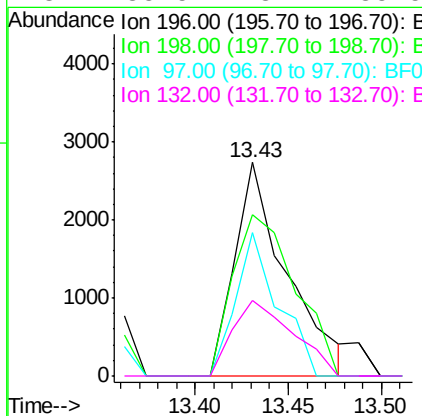
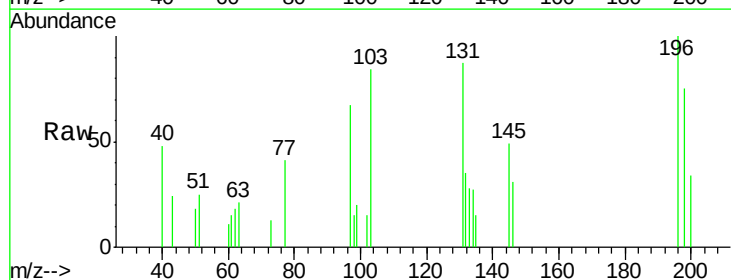
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

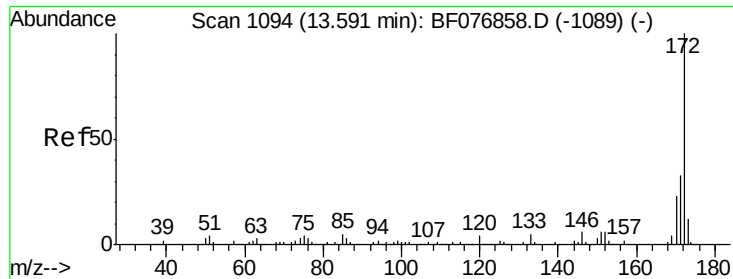
Tot Ion:196 Resp: 5555
 Ion Ratio Lower Upper
 196 100
 198 88.5 72.0 108.0
 200 29.9 23.4 35.2



#43
 2,4,5-Trichlorophenol
 Concen: 2.96 ng
 RT: 13.43 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:196 Resp: 5333
 Ion Ratio Lower Upper
 196 100
 198 75.3 76.6 115.0#
 97 67.1 43.4 65.0#
 132 35.5 23.7 35.5

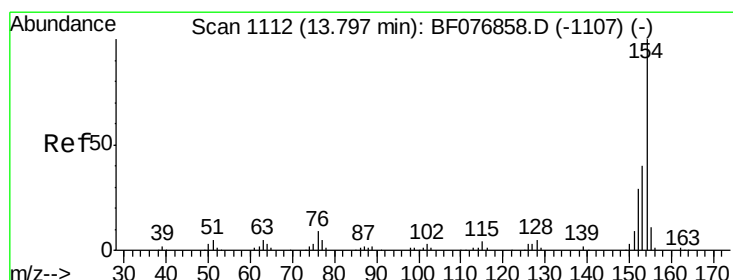
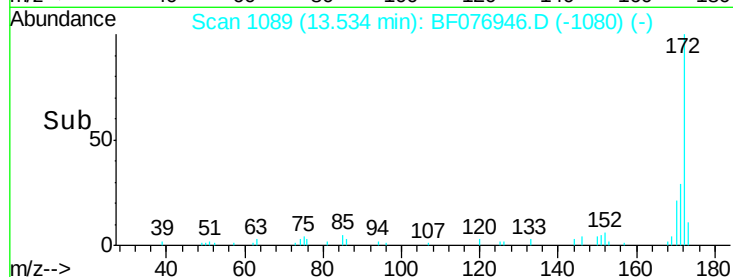
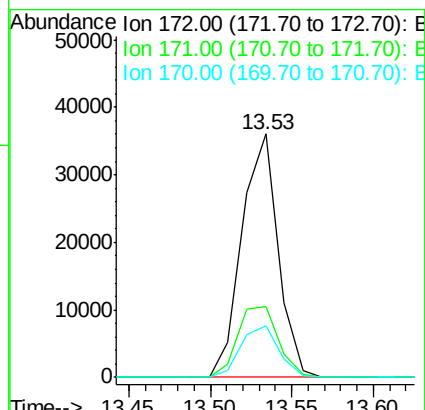
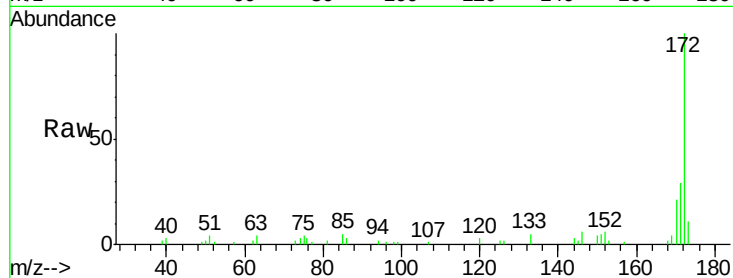




#44
2-Fluorobiphenyl
Concen: 8.60 ng
RT: 13.53 min Scan# 1089
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

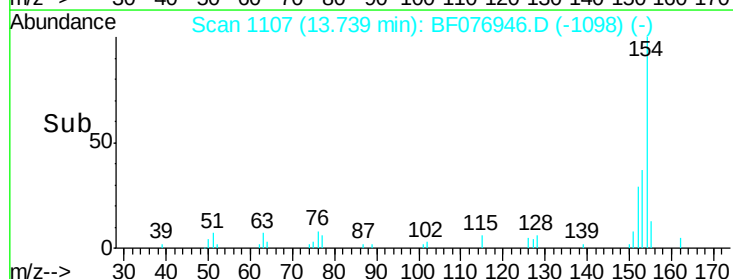
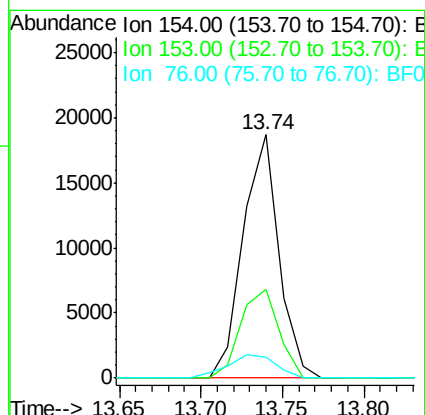
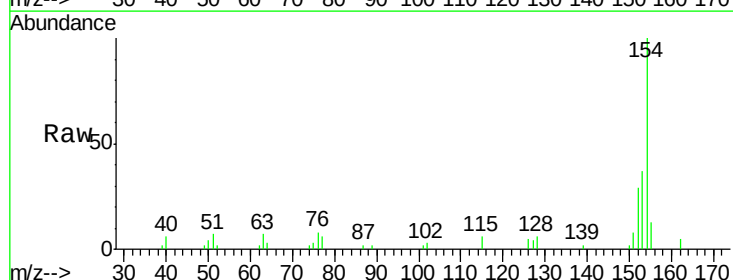
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

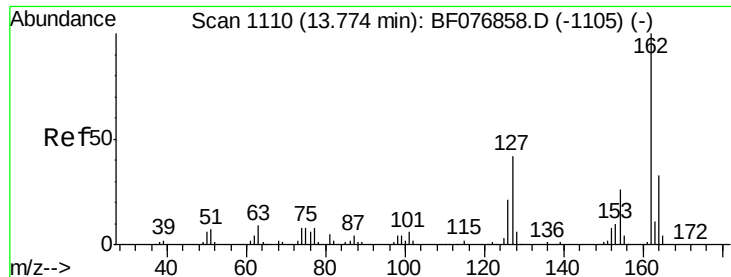
Tot Ion:172 Resp: 55319
Ion Ratio Lower Upper
172 100
171 29.1 26.6 40.0
170 21.4 18.0 27.0



#45
1,1'-Biphenyl
Concen: 3.91 ng
RT: 13.74 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:154 Resp: 28362
Ion Ratio Lower Upper
154 100
153 36.6 20.2 60.2
76 8.4 0.0 29.0

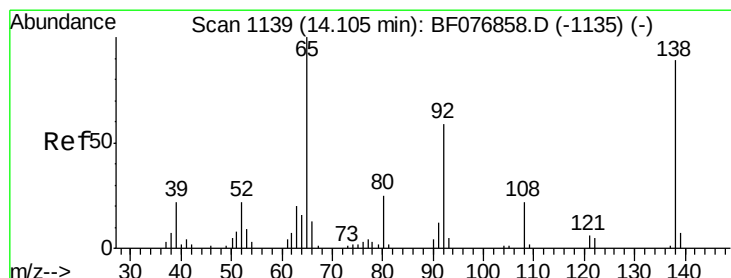
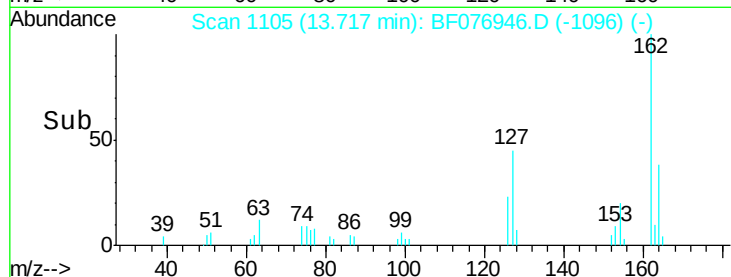
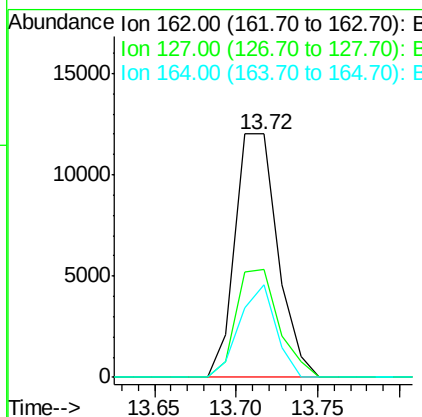
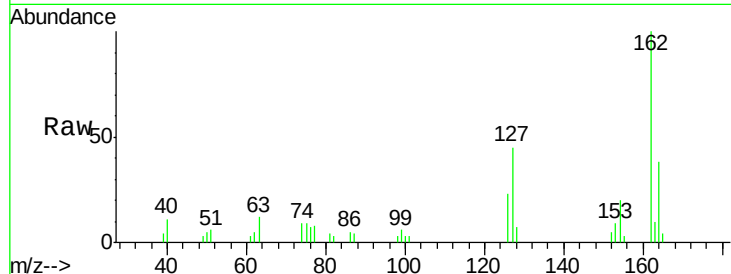




#46
 2-Chloronaphthalene
 Concen: 3.64 ng
 RT: 13.72 min Scan# 1105
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

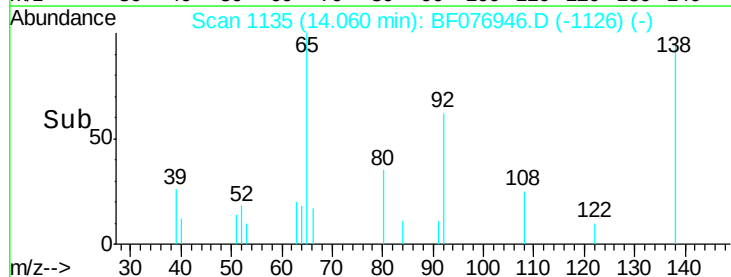
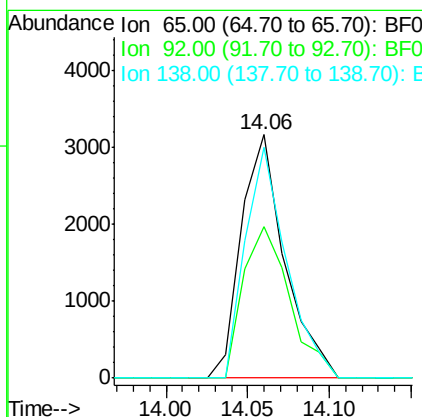
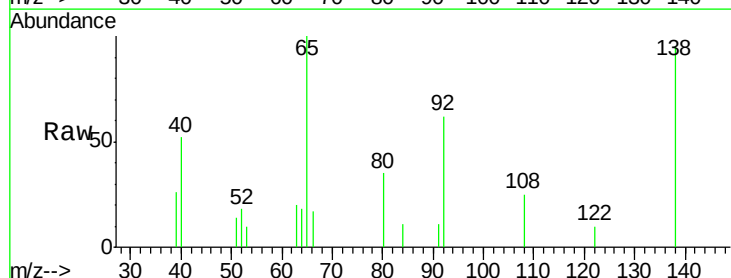
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

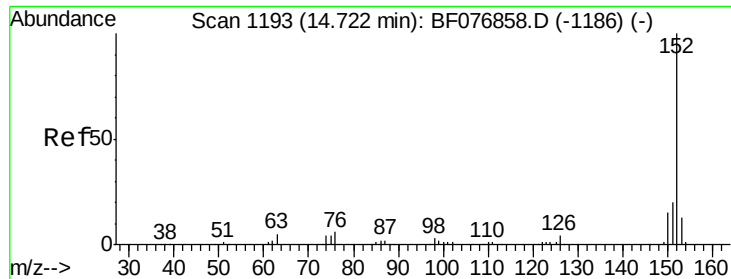
Tot Ion:162 Resp: 21742
 Ion Ratio Lower Upper
 162 100
 127 44.6 33.8 50.6
 164 38.1 26.8 40.2



#47
 2-Nitroaniline
 Concen: 3.22 ng
 RT: 14.06 min Scan# 1135
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion: 65 Resp: 5838
 Ion Ratio Lower Upper
 65 100
 92 62.0 47.3 70.9
 138 94.7 71.4 107.2





#48

Acenaphthylene

Concen: 3.39 ng

RT: 14.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampled :

SP-3MSD

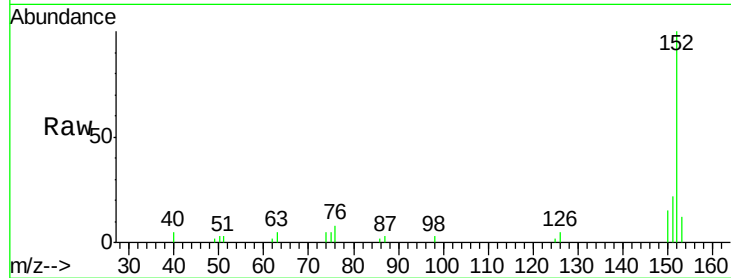
Tot Ion:152 Resp: 34199

Ion Ratio Lower Upper

152 100

151 22.4 15.9 23.9

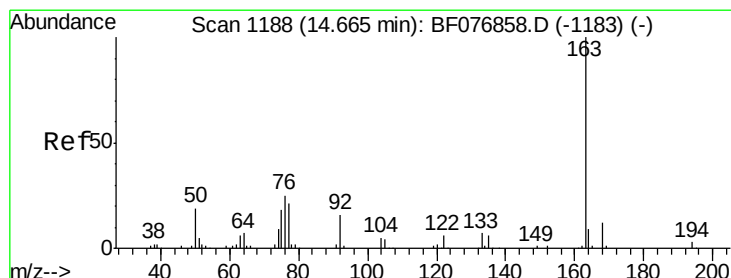
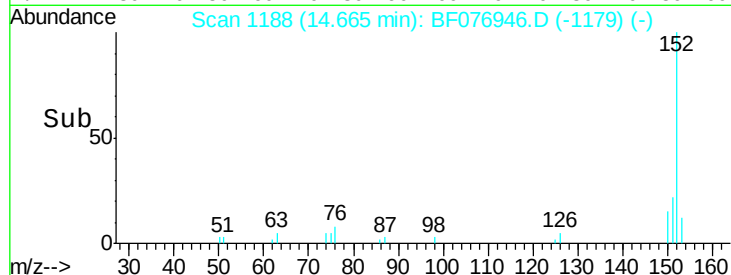
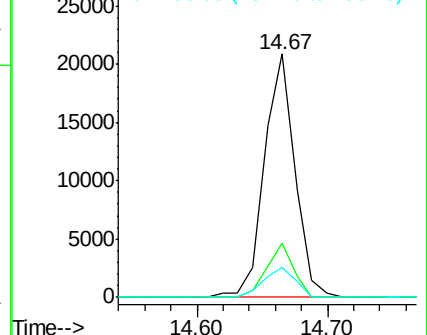
153 12.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 3.74 ng

RT: 14.60 min Scan# 1182

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

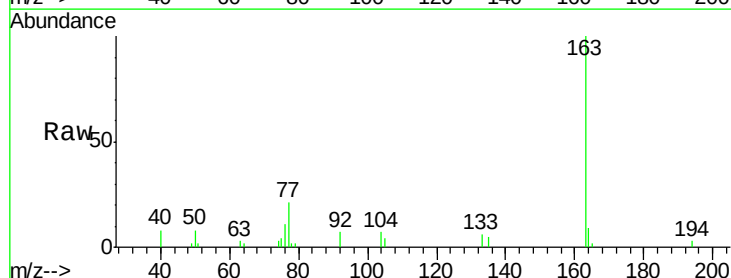
Tgt Ion:163 Resp: 25949

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

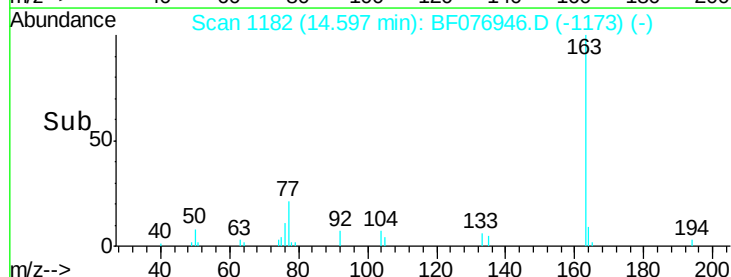
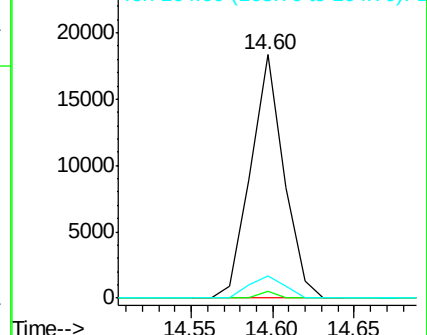
164 9.1 7.5 11.3

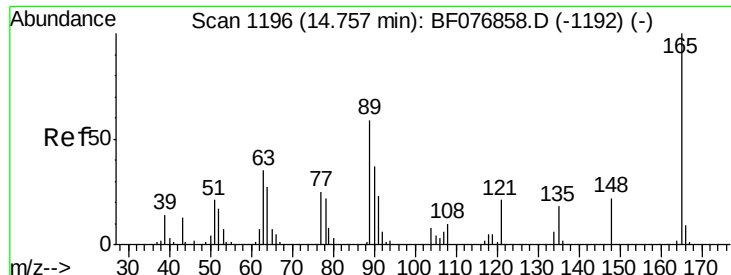


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

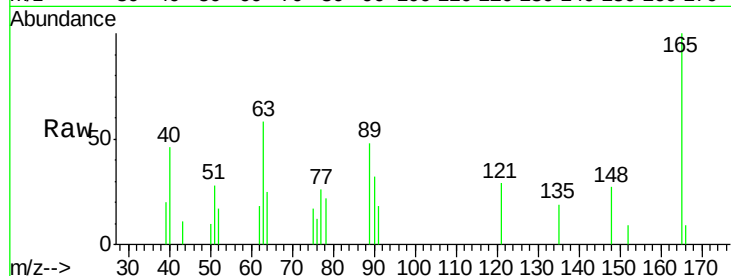




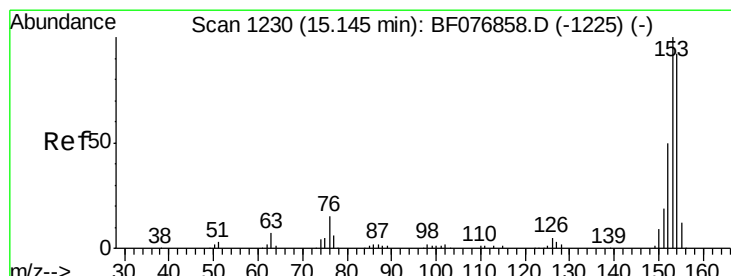
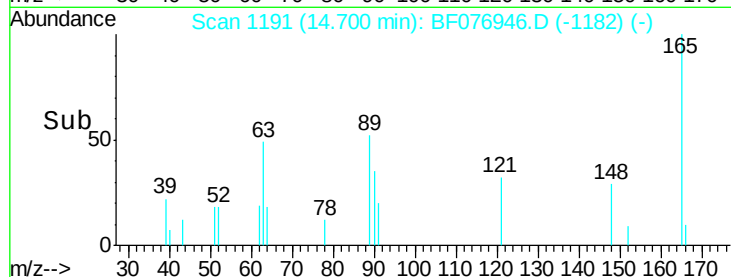
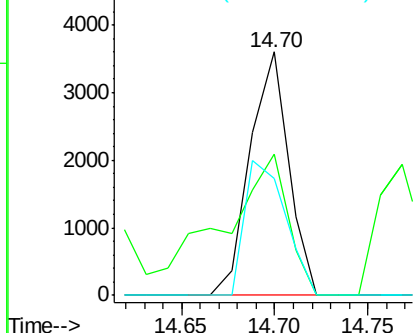
#50
2,6-Dinitrotoluene
Concen: 3.73 ng
RT: 14.70 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampled :
SP-3MSD

Tot Ion:165 Resp: 5180
Ion Ratio Lower Upper
165 100
63 58.2 48.1 72.1
89 47.8 47.2 70.8

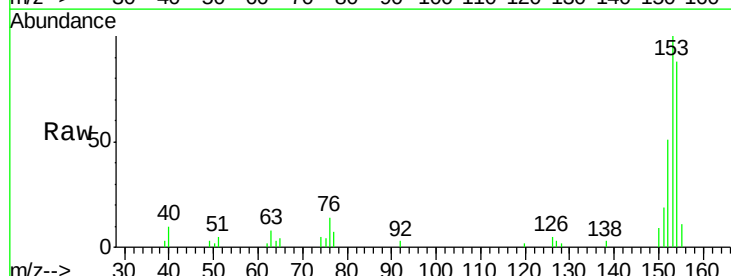


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

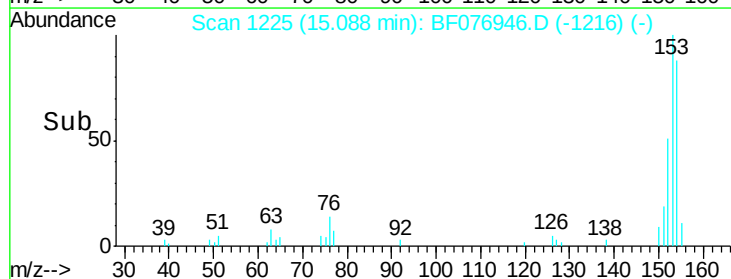
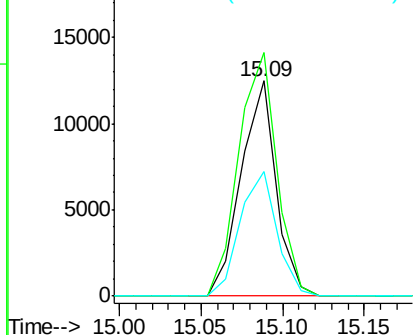


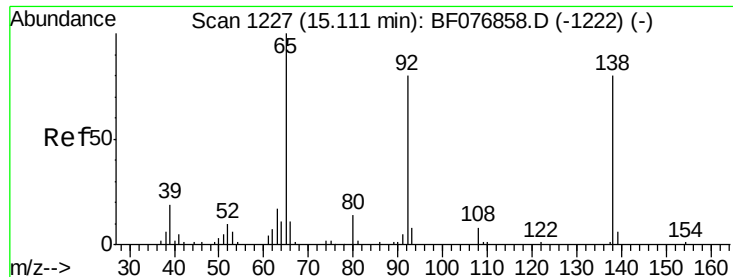
#51
Acenaphthene
Concen: 3.25 ng
RT: 15.09 min Scan# 1225
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:154 Resp: 18558
Ion Ratio Lower Upper
154 100
153 113.1 87.0 130.6
152 58.0 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

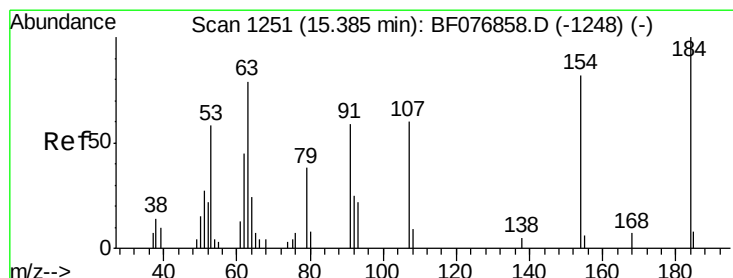
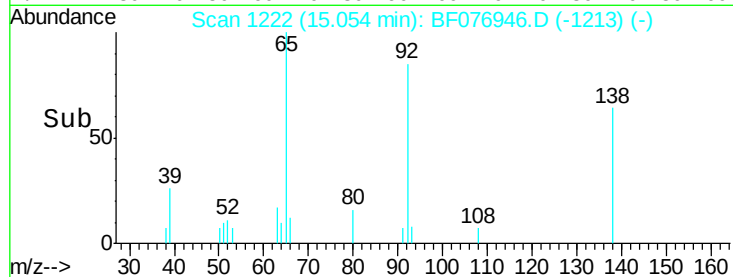
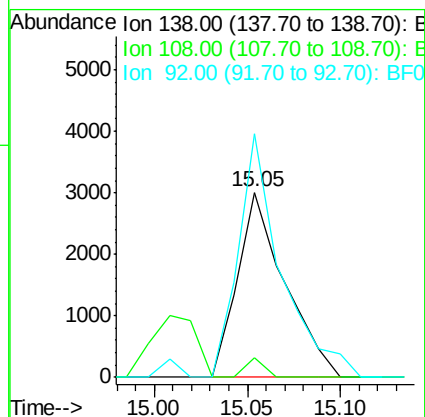
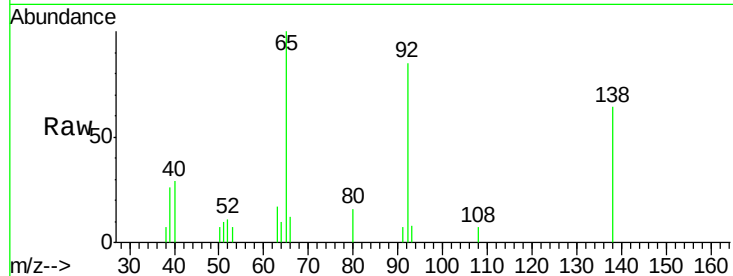




#52
3-Nitroaniline
Concen: 4.63 ng
RT: 15.05 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

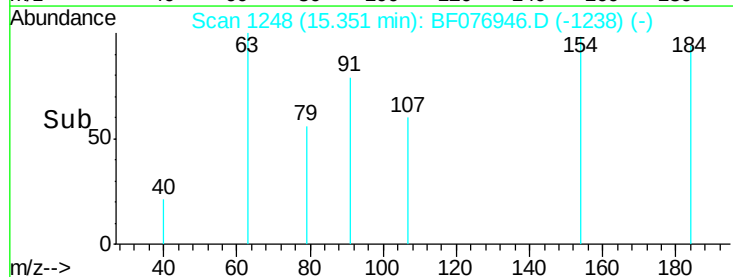
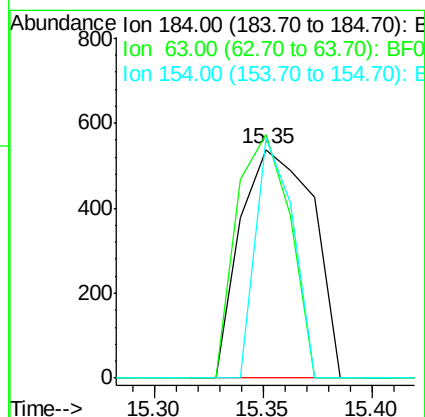
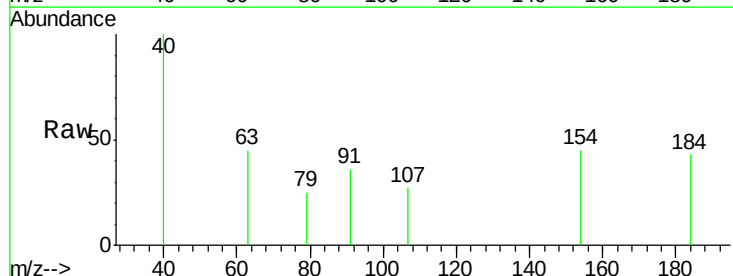
Instrument :
BNA_F
ClientSampled :
SP-3MSD

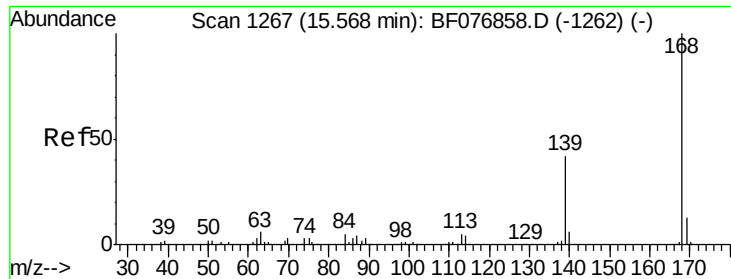
Tot Ion:138 Resp: 5298
Ion Ratio Lower Upper
138 100
108 10.5 8.3 12.5
92 131.5 80.9 121.3#



#53
2,4-Dinitrophenol
Concen: 13.40 ng
RT: 15.35 min Scan# 1248
Delta R.T. 0.01 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:184 Resp: 1256
Ion Ratio Lower Upper
184 100
63 106.5 63.0 94.6#
154 104.8 65.5 98.3#

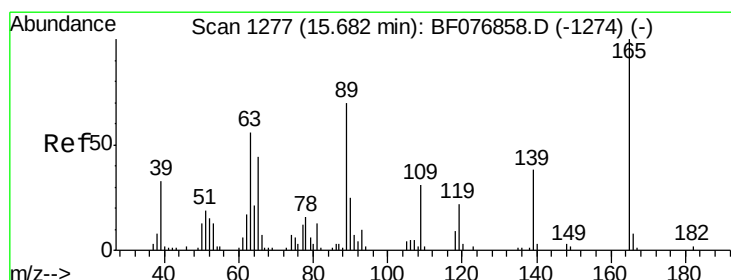
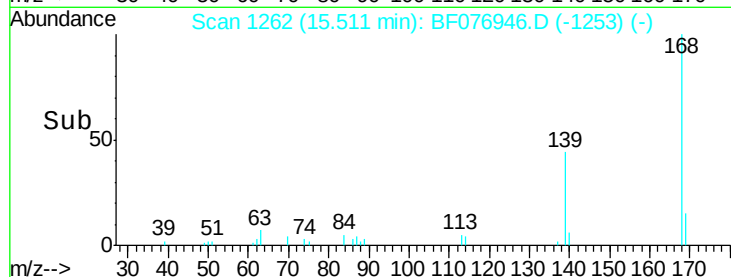
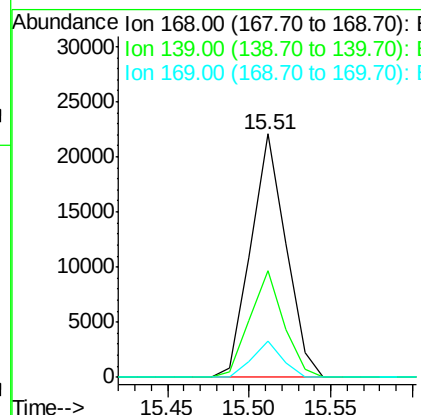
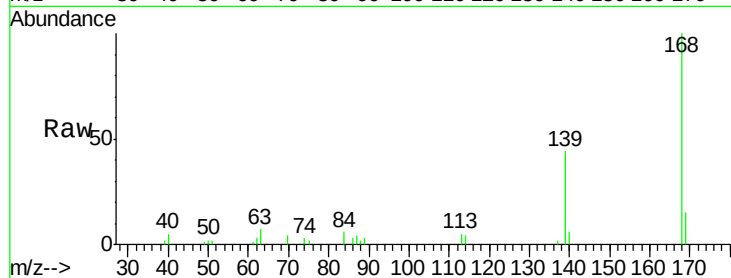




#54
Dibenzenofuran
Concen: 3.96 ng
RT: 15.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

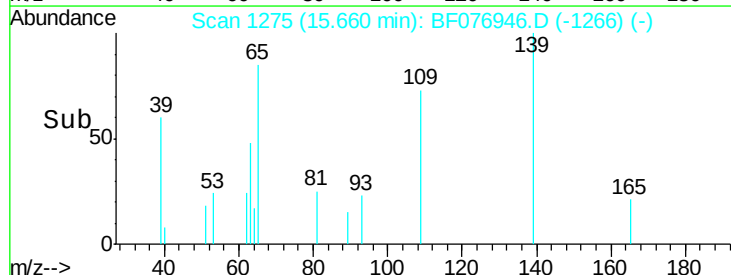
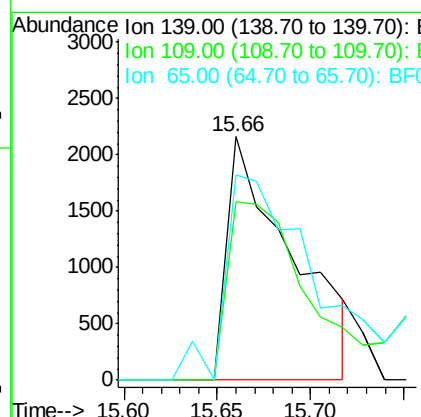
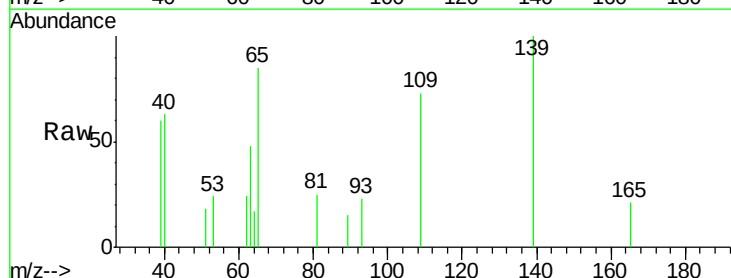
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

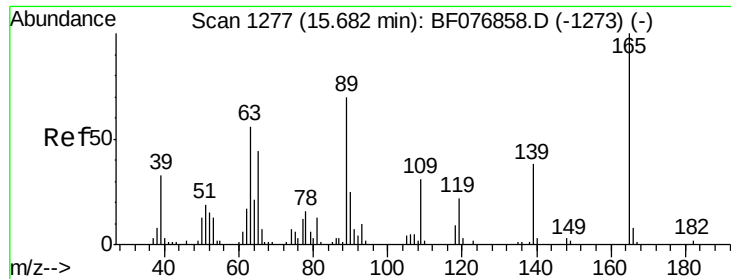
Tot Ion:168 Resp: 32967
Ion Ratio Lower Upper
168 100
139 43.7 33.4 50.2
169 15.1 10.6 15.8



#55
4-Nitrophenol
Concen: 4.82 ng
RT: 15.66 min Scan# 1275
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:139 Resp: 5248
Ion Ratio Lower Upper
139 100
109 73.5 61.0 101.0
65 84.5 96.6 136.6#

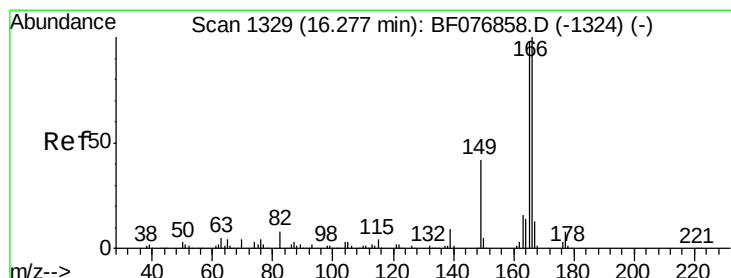
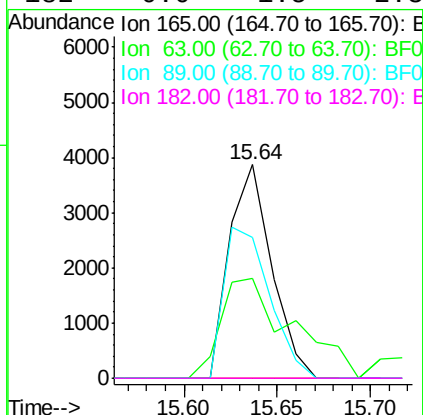
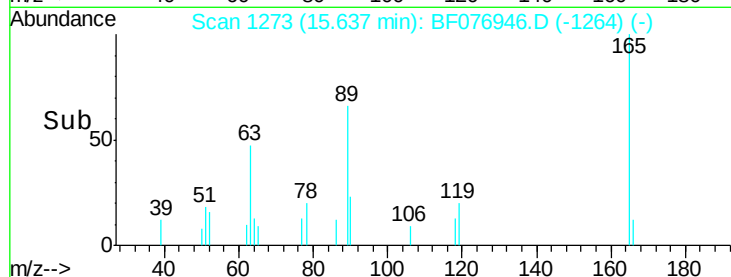
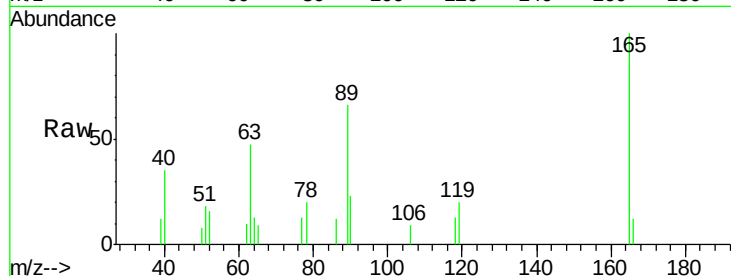




#56
2,4-Dinitrotoluene
Concen: 4.92 ng
RT: 15.64 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

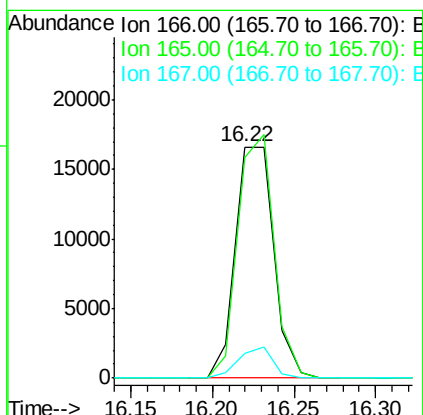
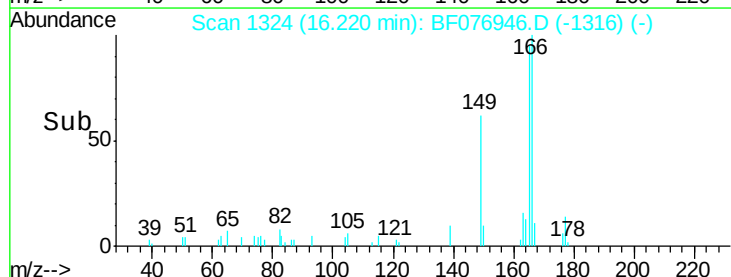
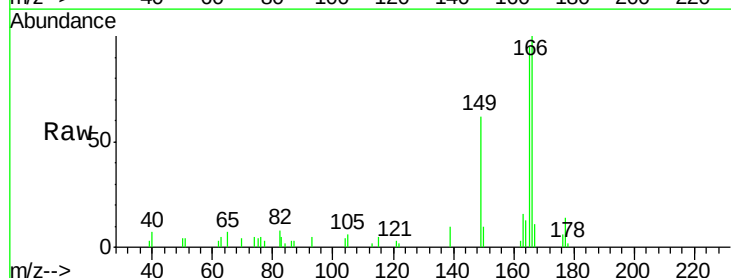
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

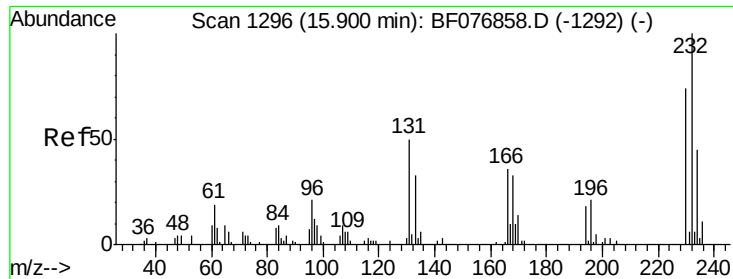
Tot Ion:165 Resp: 6121
Ion Ratio Lower Upper
165 100
63 46.8 44.8 67.2
89 66.2 56.2 84.2
182 0.0 1.5 2.3#



#57
Fluorene
Concen: 3.84 ng
RT: 16.22 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:166 Resp: 27077
Ion Ratio Lower Upper
166 100
165 95.1 78.5 117.7
167 10.8 10.4 15.6

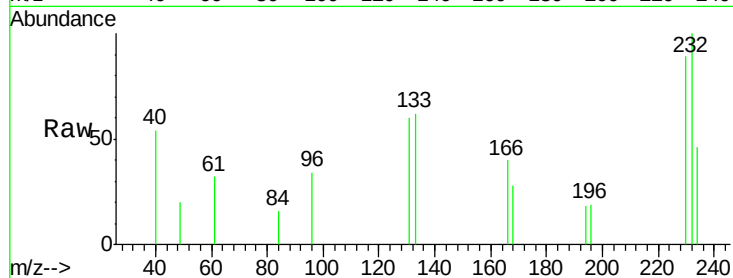




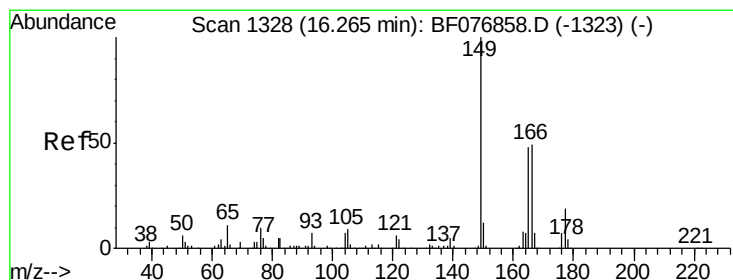
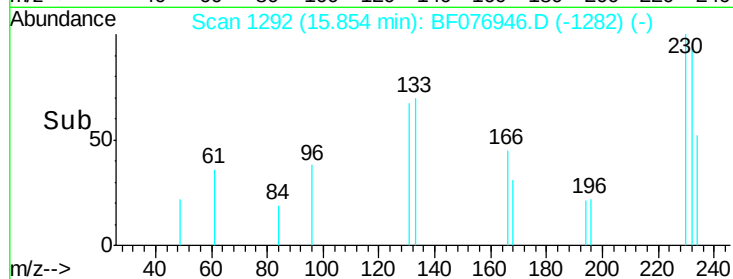
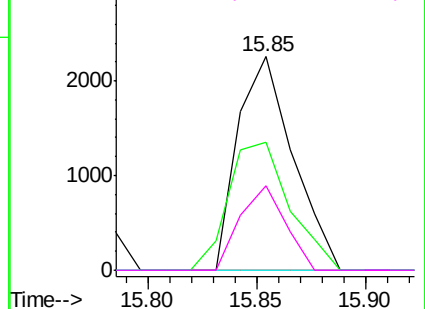
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.04 ng
 RT: 15.85 min Scan# 1292
 Delta R.T. 0.01 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion:232 Resp: 3978
 Ion Ratio Lower Upper
 232 100
 131 66.8 45.0 67.6
 130 0.0 2.6 3.8#
 166 32.3 30.9 46.3

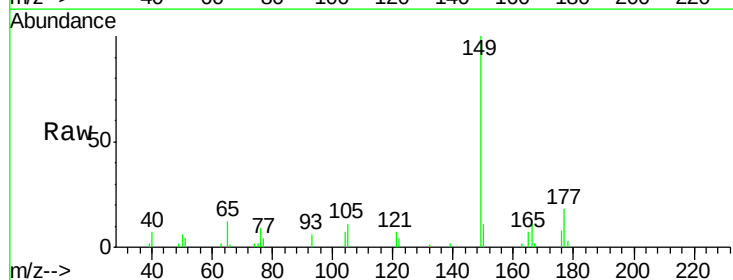


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

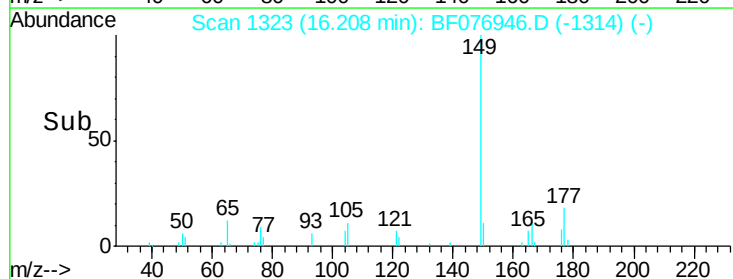
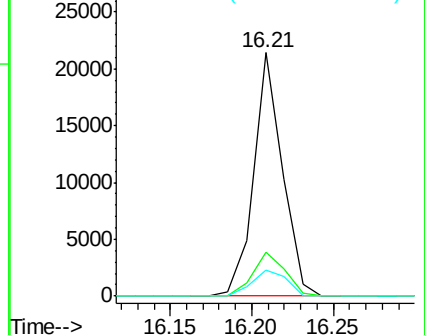


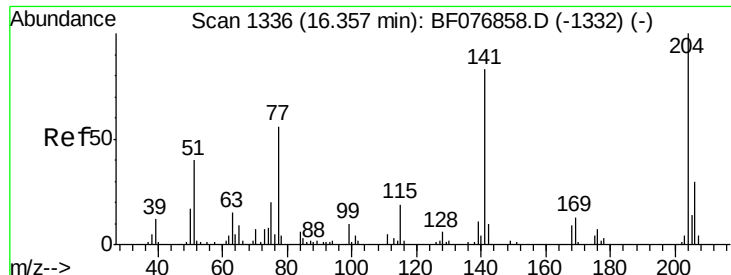
#59
 Diethylphthalate
 Concen: 3.71 ng
 RT: 16.21 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:149 Resp: 26073
 Ion Ratio Lower Upper
 149 100
 177 18.0 15.0 22.6
 150 10.5 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

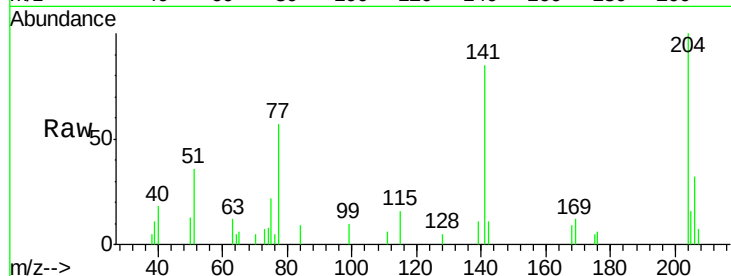




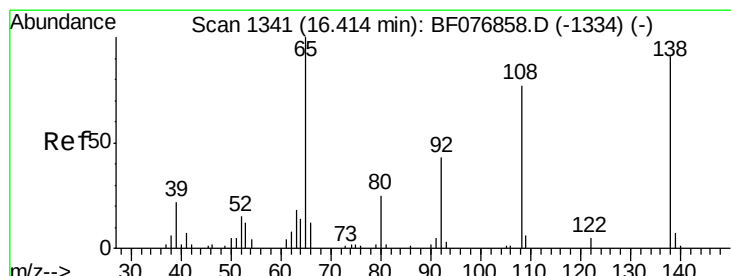
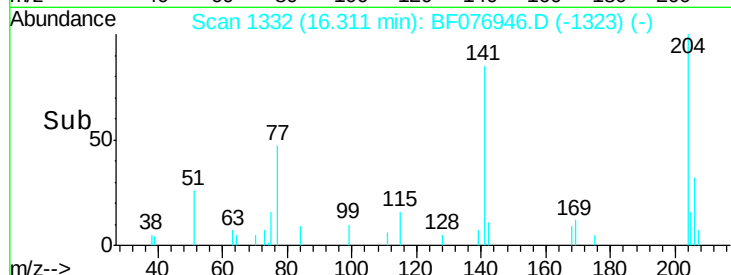
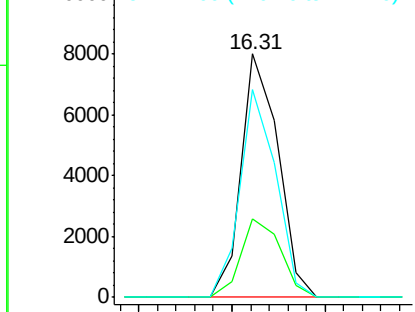
#60
4-Chlorophenyl-phenylether
Concen: 3.80 ng
RT: 16.31 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion:204 Resp: 10971
Ion Ratio Lower Upper
204 100
206 32.4 24.2 36.2
141 85.3 66.7 100.1

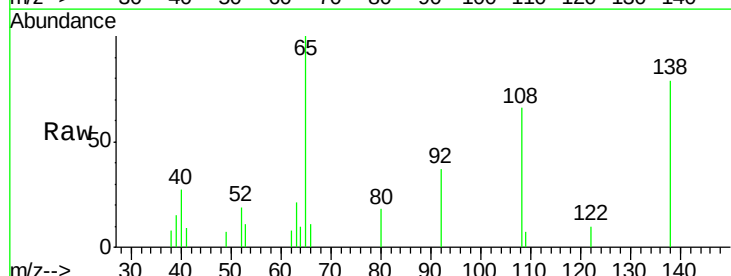


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

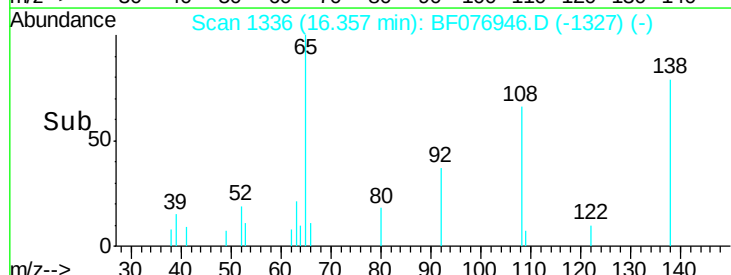
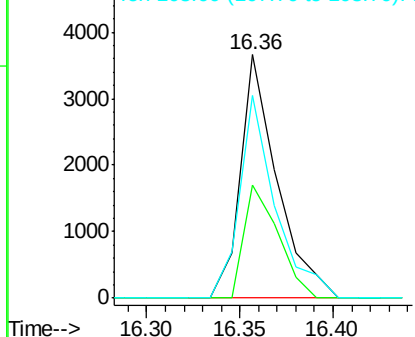


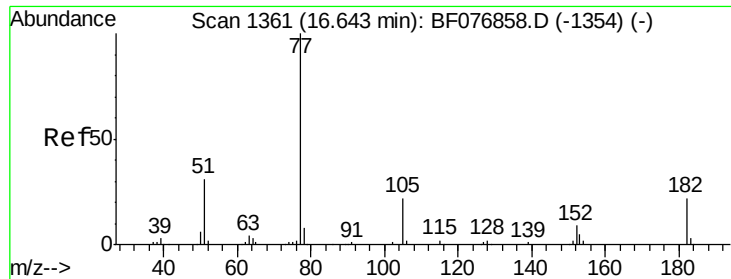
#61
4-Nitroaniline
Concen: 4.21 ng
RT: 16.36 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:138 Resp: 5018
Ion Ratio Lower Upper
138 100
92 46.3 26.7 66.7
108 83.2 64.5 104.5



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





#62

Azobenzene

Concen: 3.48 ng

RT: 16.60 min Scan# 1357

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tot Ion: 77 Resp: 25472

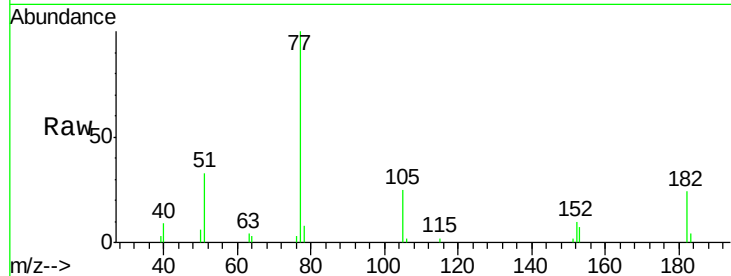
Ion Ratio Lower Upper

77 100

182 24.0 2.0 42.0

105 24.6 2.3 42.3

51 33.5 10.7 50.7

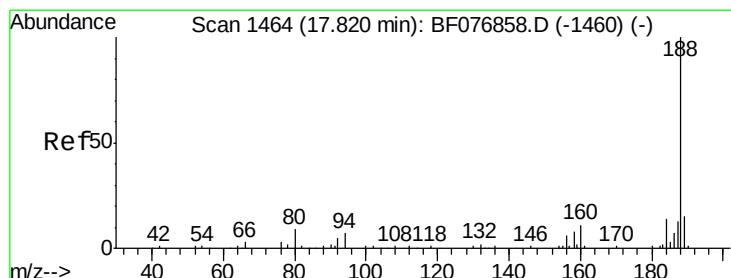
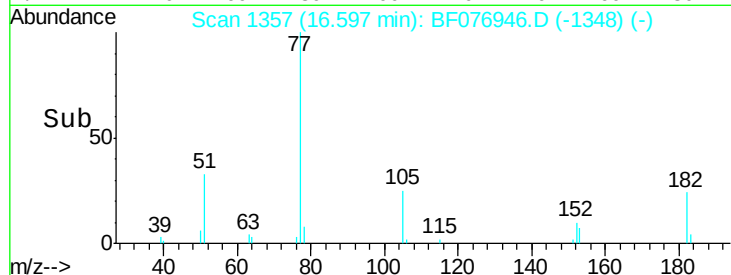
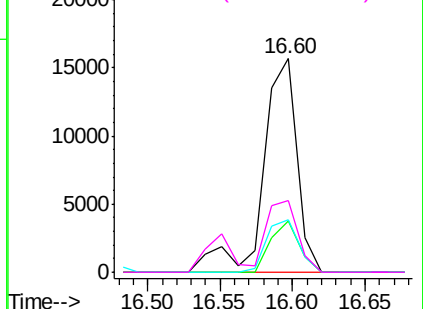


Abundance Ion 77.00 (76.70 to 77.70): BF076858.D (-1354) (-)

Ion 182.00 (181.70 to 182.70): BF076858.D (-1354) (-)

Ion 105.00 (104.70 to 105.70): BF076858.D (-1354) (-)

Ion 51.00 (50.70 to 51.70): BF076858.D (-1354) (-)



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.77 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

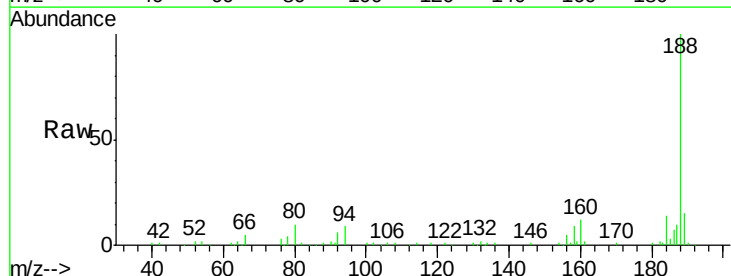
Tgt Ion: 188 Resp: 163325

Ion Ratio Lower Upper

188 100

94 9.2 6.0 9.0#

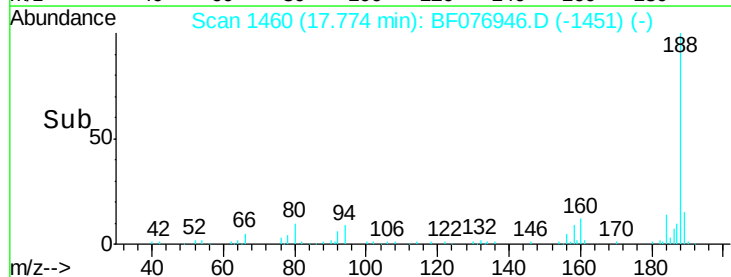
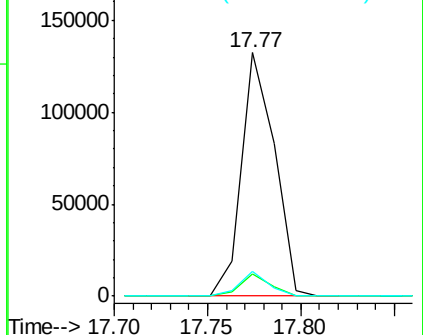
80 10.2 6.9 10.3

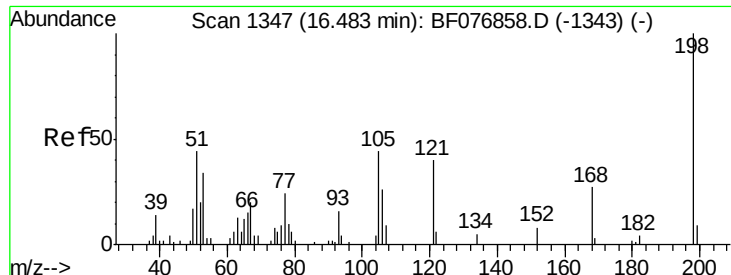


Abundance Ion 188.00 (187.70 to 188.70): BF076858.D (-1460) (-)

Ion 94.00 (93.70 to 94.70): BF076858.D (-1460) (-)

Ion 80.00 (79.70 to 80.70): BF076858.D (-1460) (-)





#64

4,6-Dinitro-2-methylphenol

Concen: 5.23 ng

RT: 16.44 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

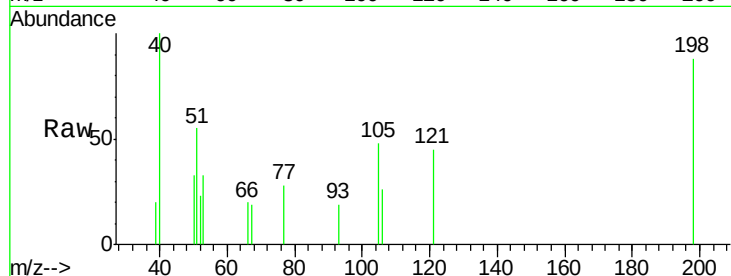
Tot Ion:198 Resp: 2165

Ion Ratio Lower Upper

198 100

51 63.0 24.2 64.2

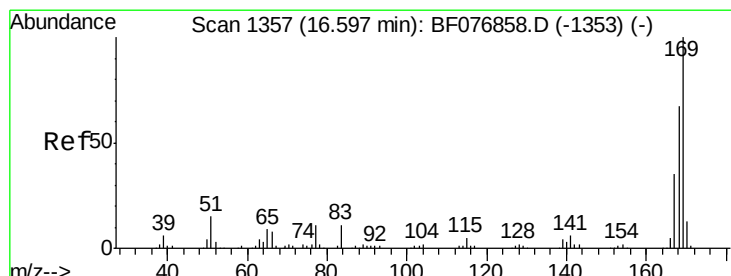
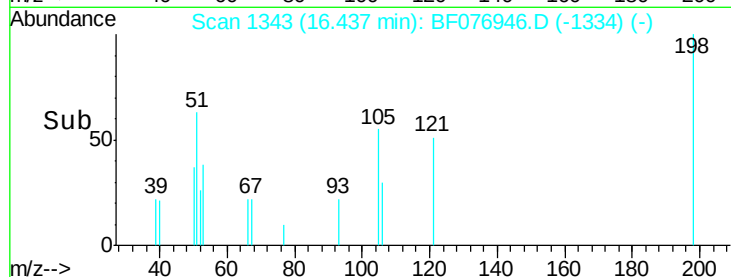
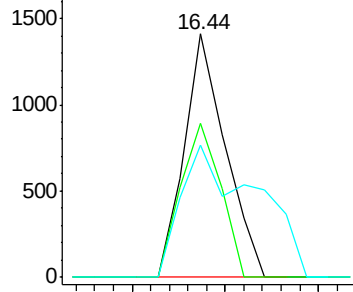
105 54.6 24.0 64.0



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



#65

n-Nitrosodiphenylamine

Concen: 3.49 ng

RT: 16.55 min Scan# 1353

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

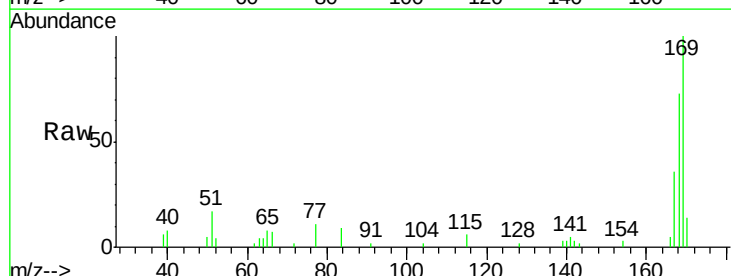
Tgt Ion:169 Resp: 20349

Ion Ratio Lower Upper

169 100

168 73.2 53.8 80.6

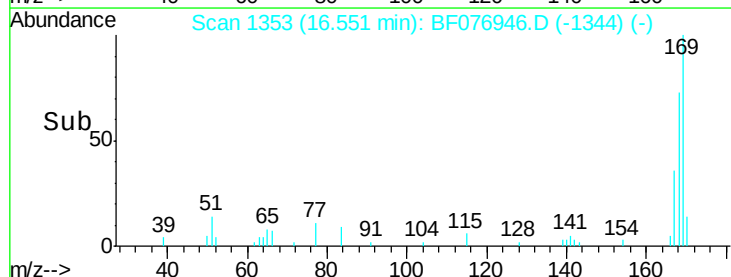
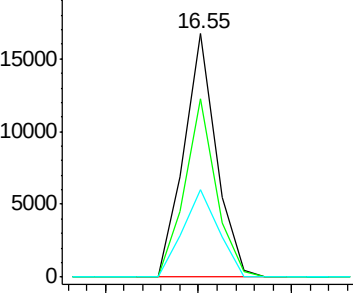
167 36.1 27.8 41.6

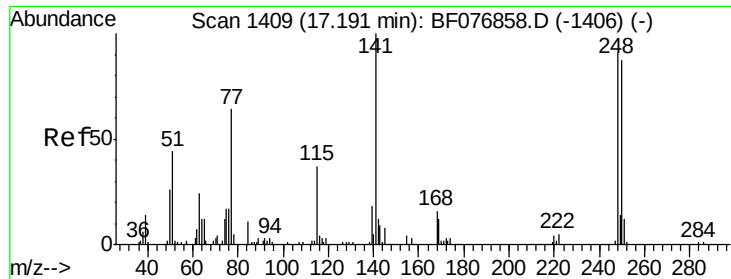


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

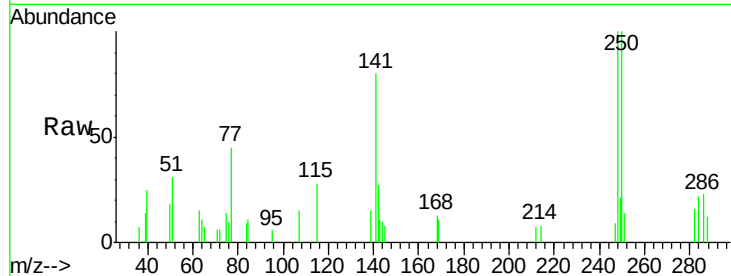




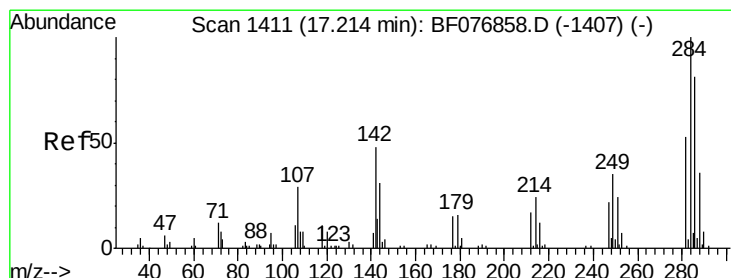
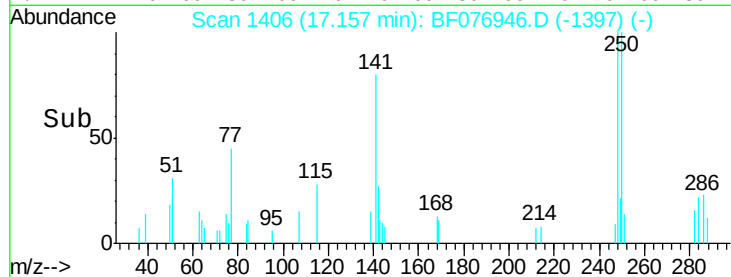
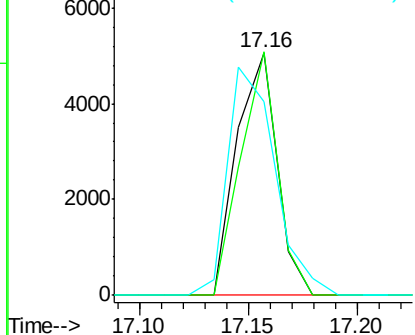
#66
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 17.16 min Scan# 1406
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion:248 Resp: 6507
Ion Ratio Lower Upper
248 100
250 100.4 77.1 115.7
141 80.1 88.2 132.4#

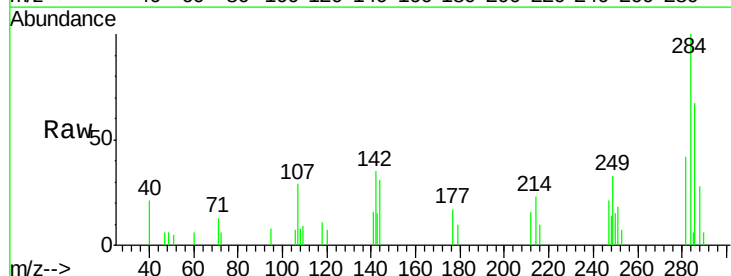


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

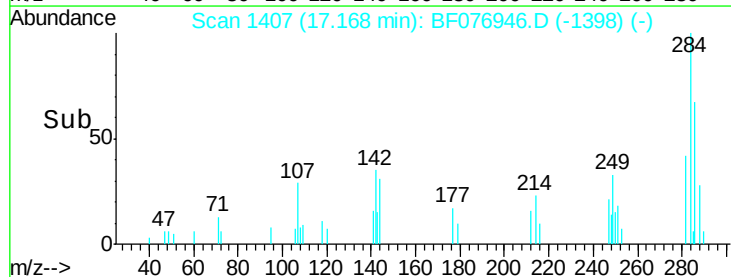
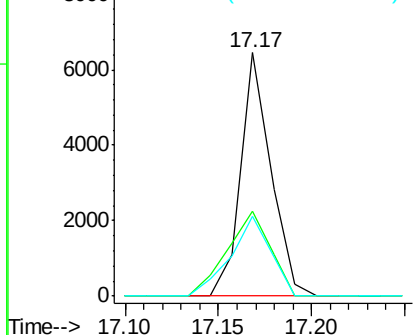


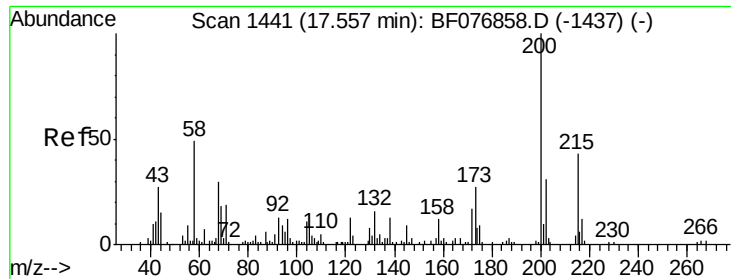
#67
Hexachlorobenzene
Concen: 4.20 ng
RT: 17.17 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:284 Resp: 7324
Ion Ratio Lower Upper
284 100
142 34.7 38.2 57.4#
249 32.6 28.2 42.2



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





#68

Atrazine

Concen: 3.71 ng

RT: 17.51 min Scan# 1437

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

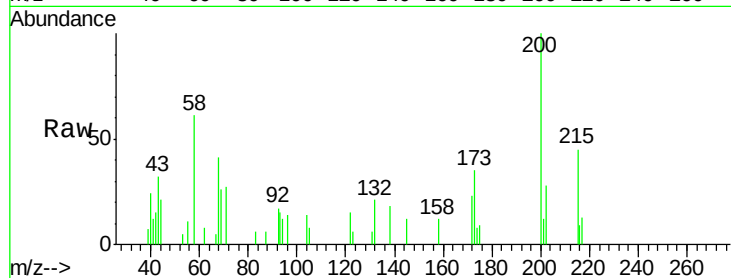
Tot Ion:200 Resp: 6557

Ion Ratio Lower Upper

200 100

173 34.9 6.6 46.6

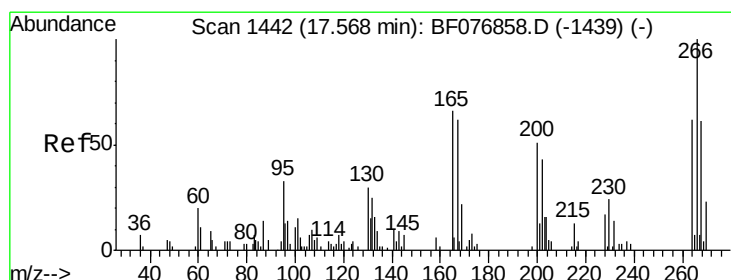
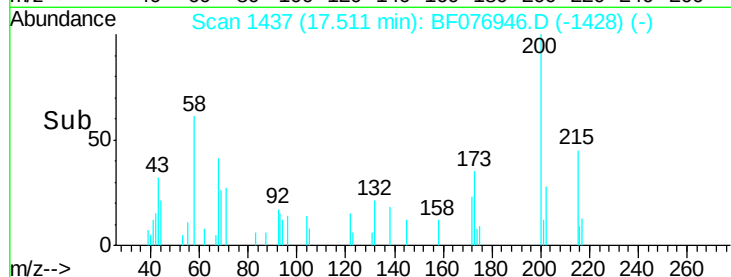
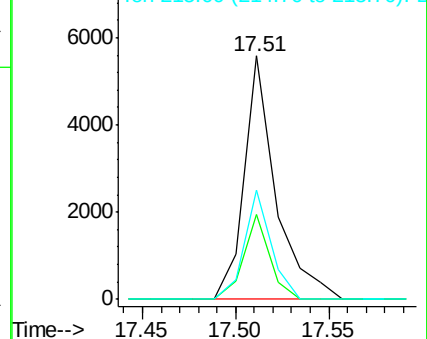
215 44.8 22.9 62.9



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: 10.37 ng

RT: 17.53 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

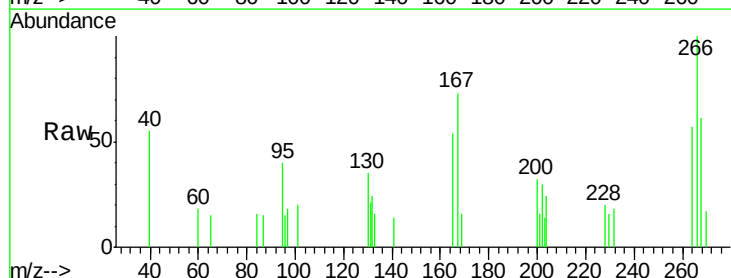
Tgt Ion:266 Resp: 3030

Ion Ratio Lower Upper

266 100

268 61.1 48.6 72.8

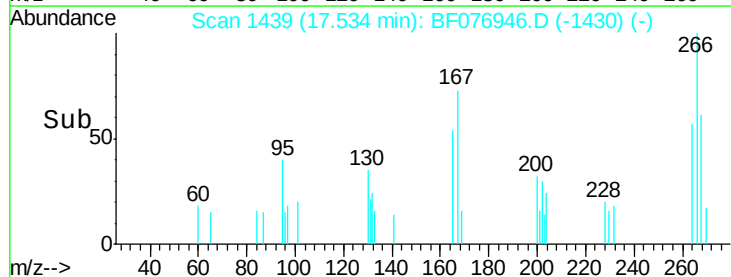
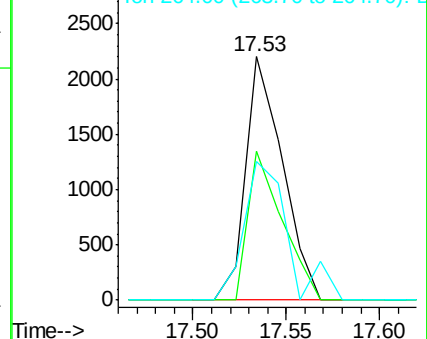
264 57.0 49.5 74.3

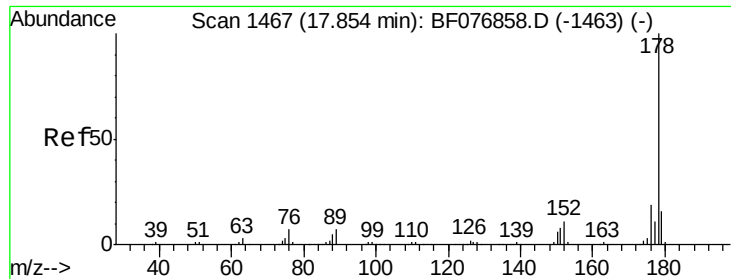


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

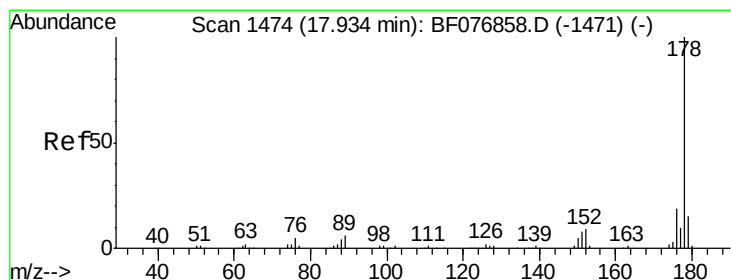
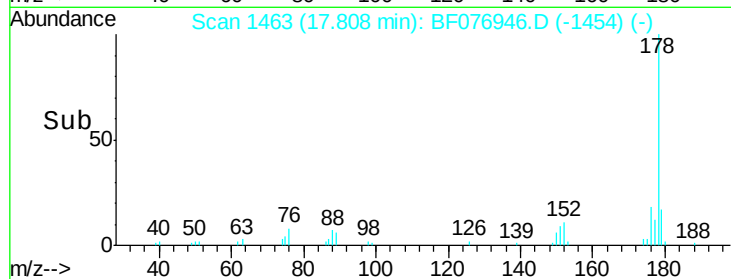
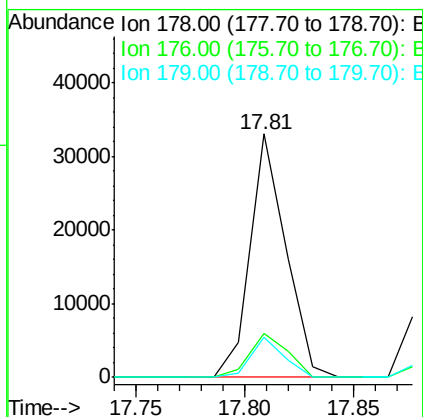
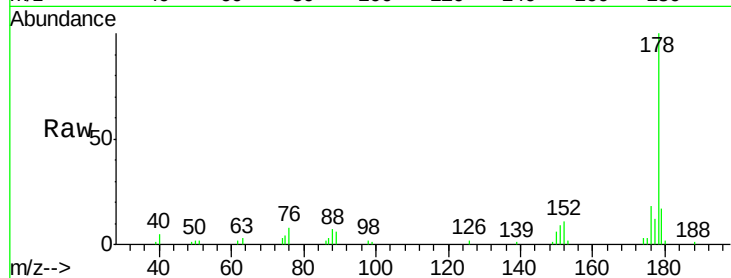




#70
 Phenanthrene
 Concen: 3.72 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

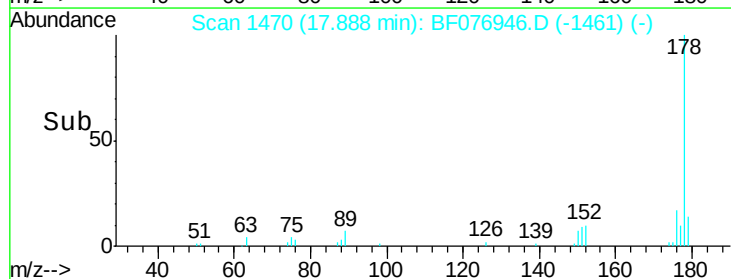
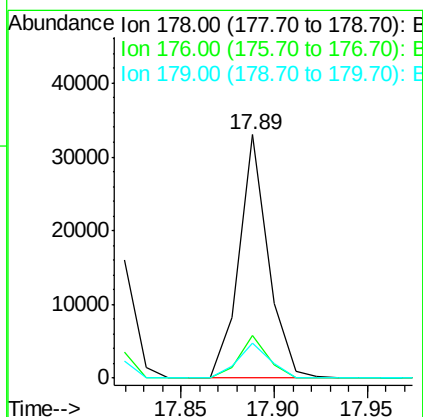
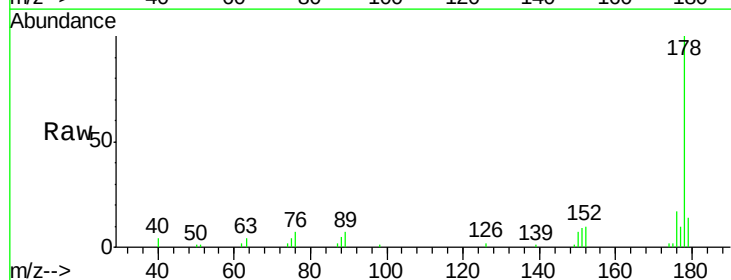
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

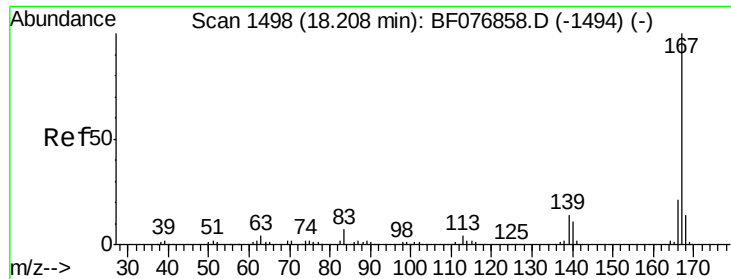
Tot Ion:178 Resp: 37929
 Ion Ratio Lower Upper
 178 100
 176 18.0 15.1 22.7
 179 16.5 12.7 19.1



#71
 Anthracene
 Concen: 3.64 ng
 RT: 17.89 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:178 Resp: 36141
 Ion Ratio Lower Upper
 178 100
 176 17.5 15.4 23.0
 179 14.2 11.9 17.9





#72

Carbazole

Concen: 3.58 ng

RT: 18.17 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

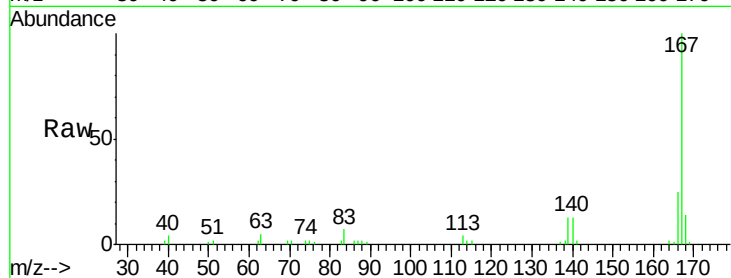
Tot Ion:167 Resp: 34527

Ion Ratio Lower Upper

167 100

166 24.6 17.0 25.6

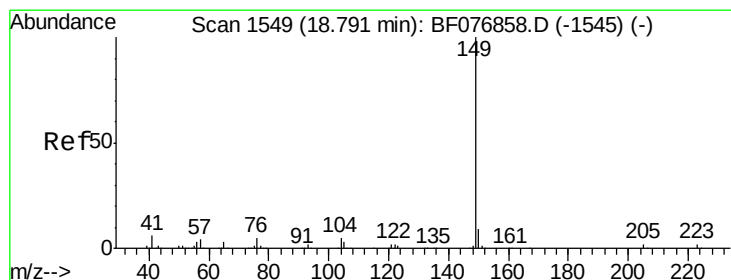
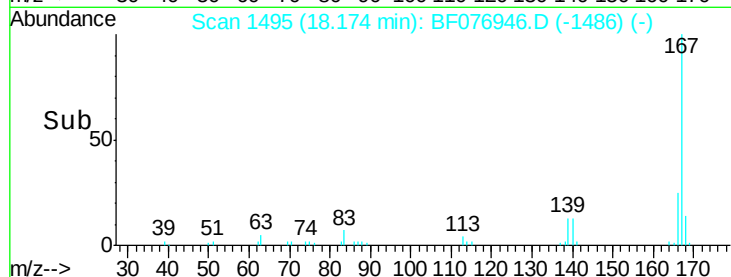
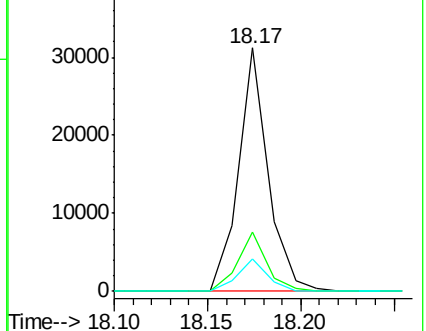
139 13.1 11.3 16.9



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: 3.50 ng

RT: 18.76 min Scan# 1546

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

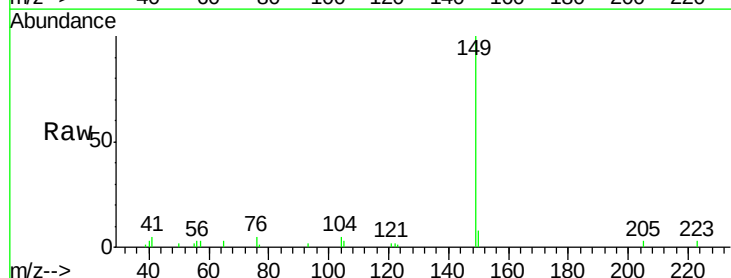
Tgt Ion:149 Resp: 39013

Ion Ratio Lower Upper

149 100

150 7.9 6.9 10.3

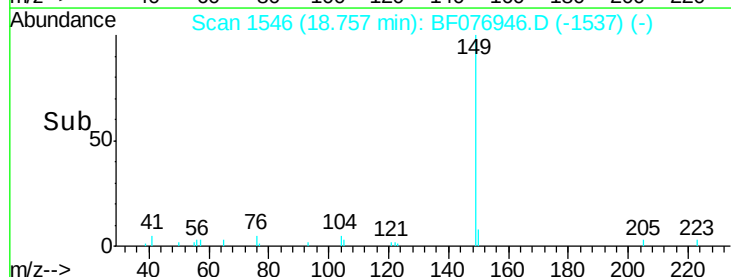
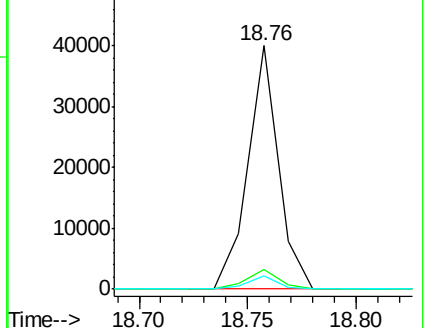
104 5.4 3.7 5.5

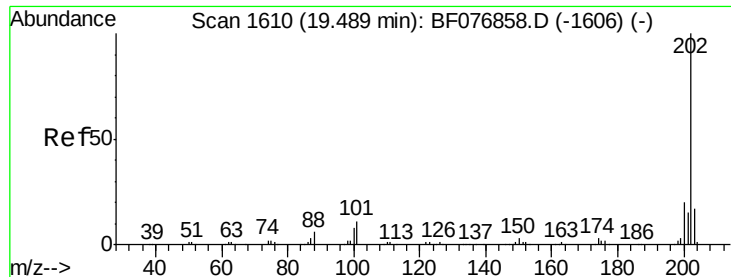


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

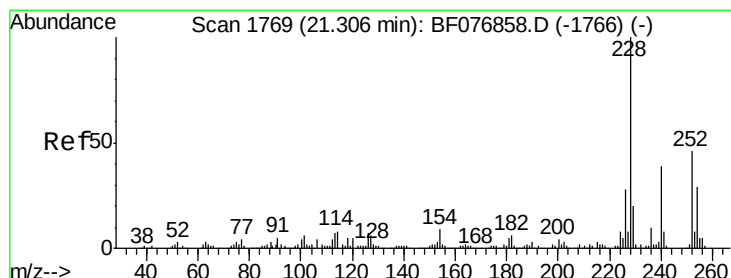
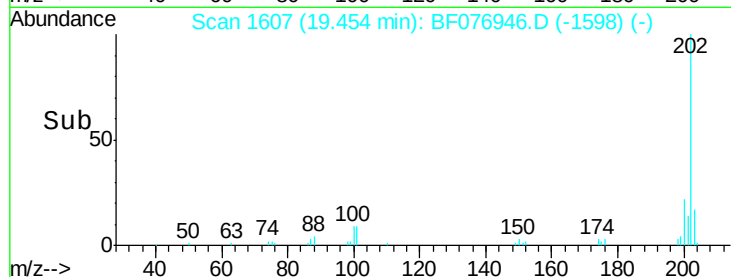
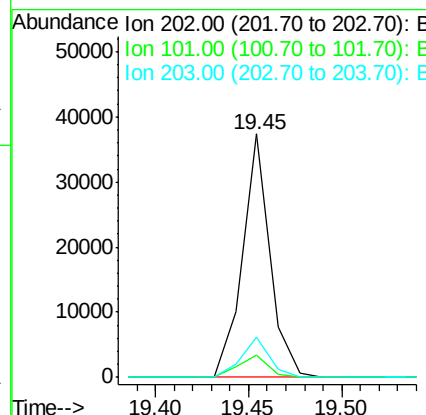
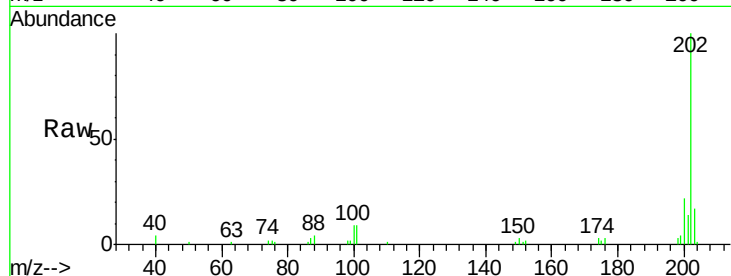




#74
 Fluoranthene
 Concen: 3.67 ng
 RT: 19.45 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

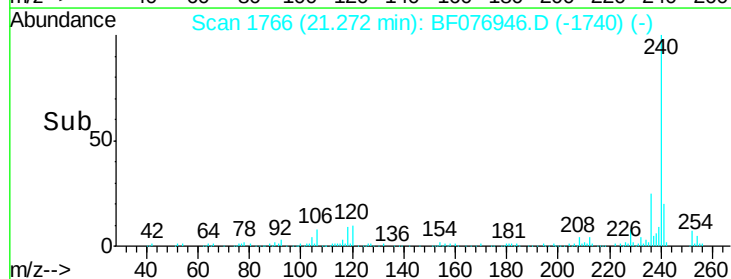
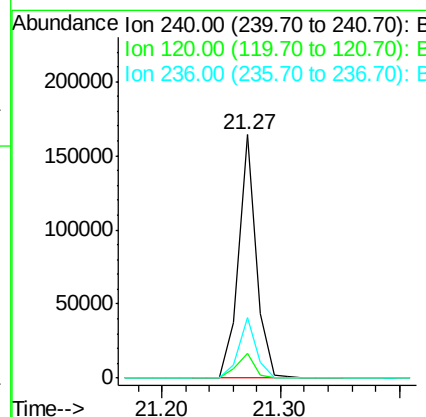
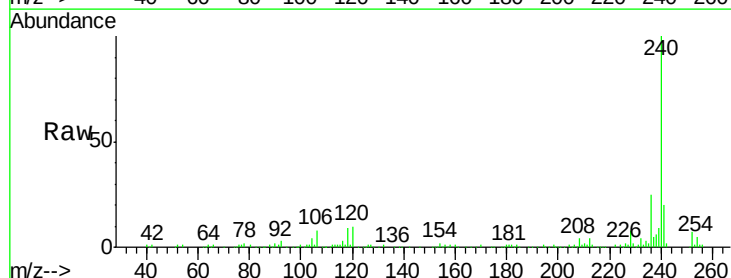
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

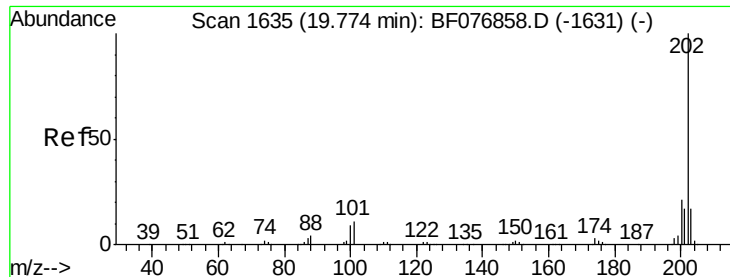
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.7
203	16.6	0.0	36.9



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	10.4	15.6#
236	24.9	20.2	30.2

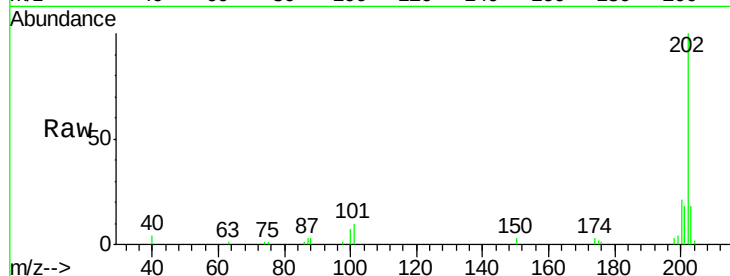




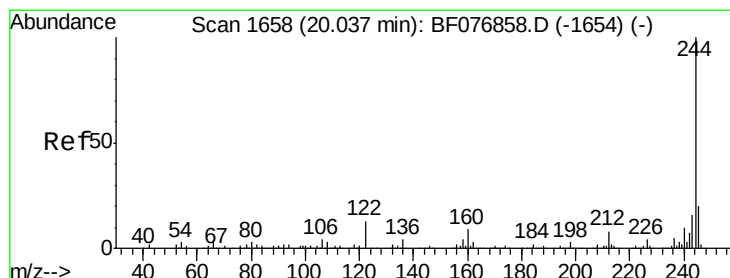
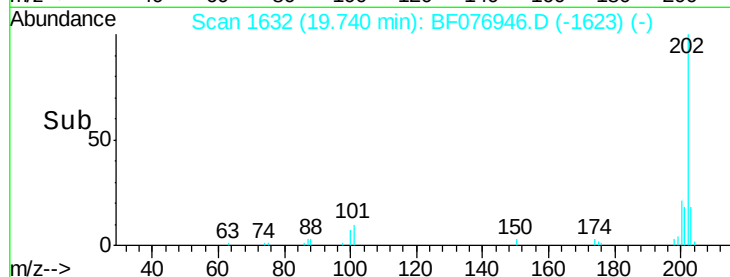
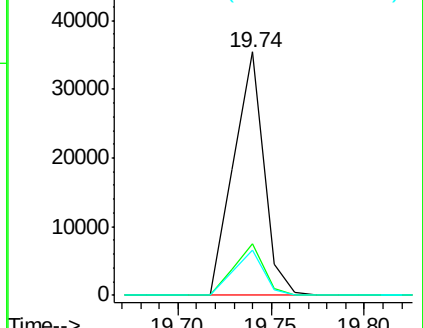
#77
Pvrene
Concen: 3.44 ng
RT: 19.74 min Scan# 1632
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	18.3	14.0	21.0

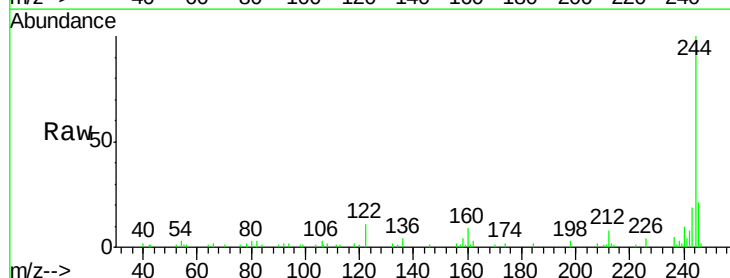


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

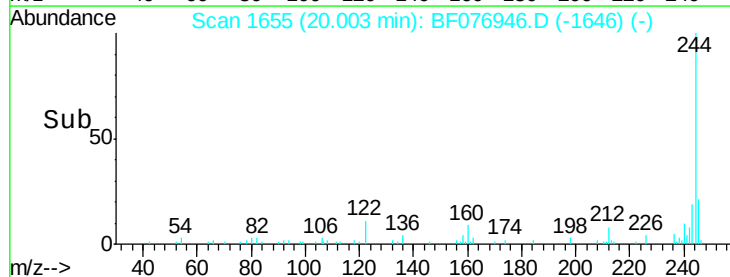
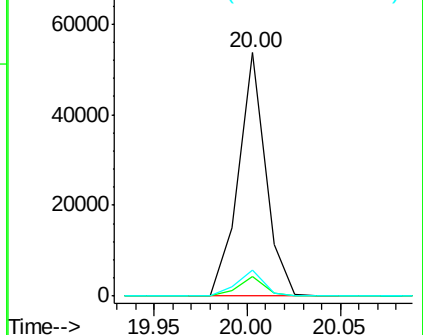


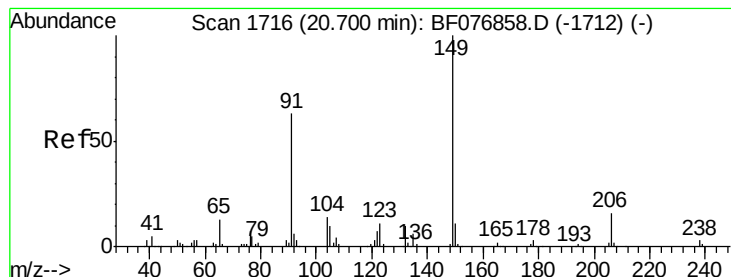
#78
Terphenyl-d14
Concen: 7.43 ng
RT: 20.00 min Scan# 1655
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.3	9.5
122	10.8	10.1	15.1



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 3.21 ng

RT: 20.67 min Scan# 1713

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

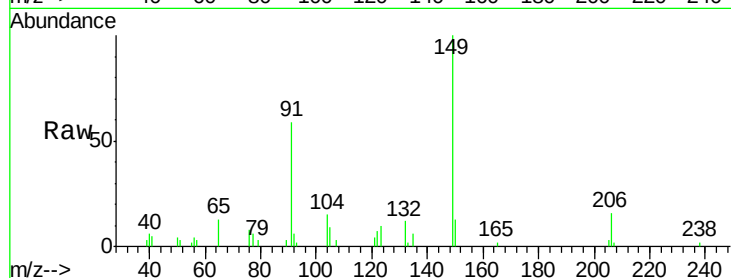
Tot Ion:149 Resp: 17057

Ion Ratio Lower Upper

149 100

91 59.2 50.6 76.0

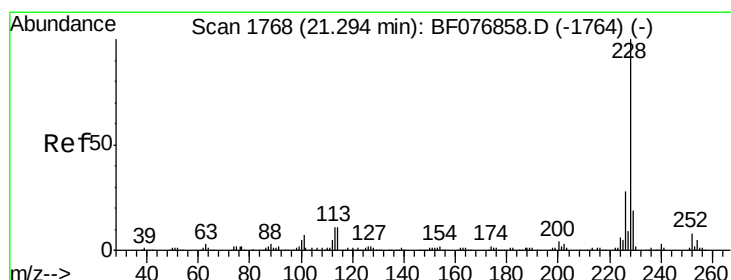
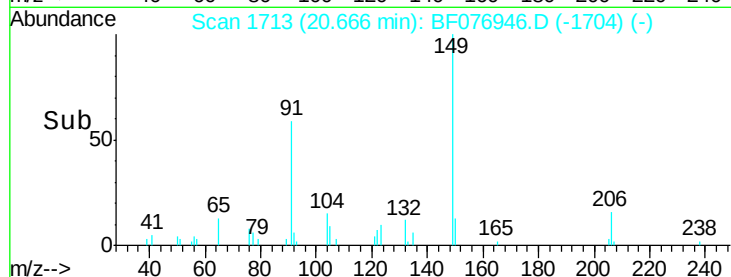
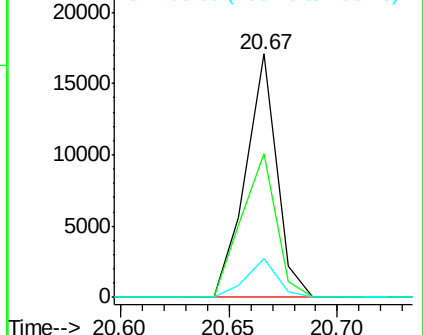
206 16.1 12.8 19.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 3.63 ng

RT: 21.26 min Scan# 1765

Delta R.T. 0.00 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

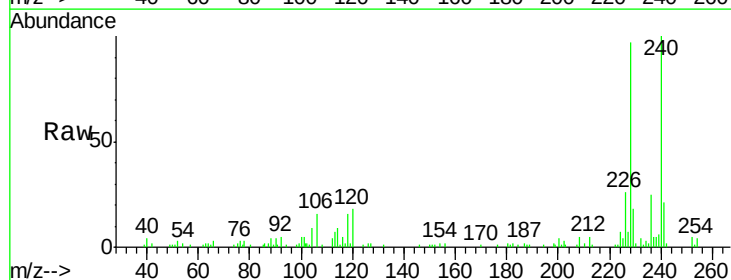
Tgt Ion:228 Resp: 38963

Ion Ratio Lower Upper

228 100

226 27.0 22.1 33.1

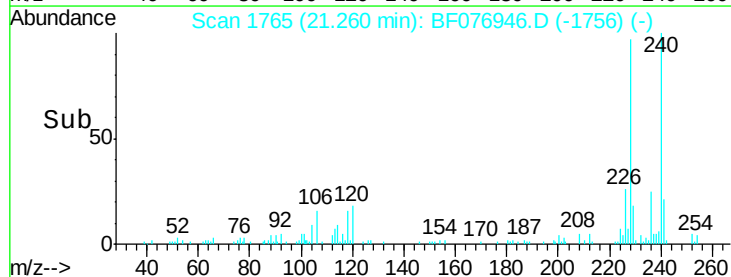
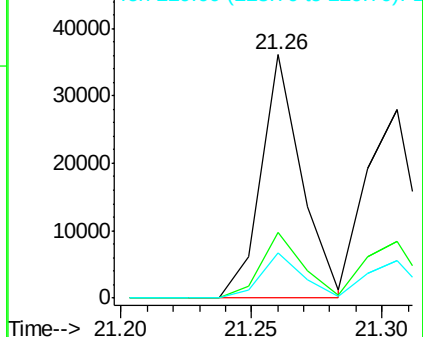
229 18.7 15.5 23.3

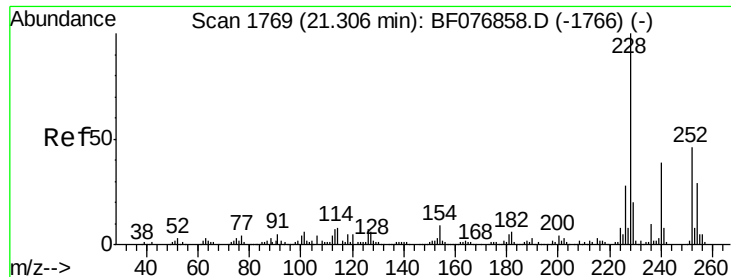


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

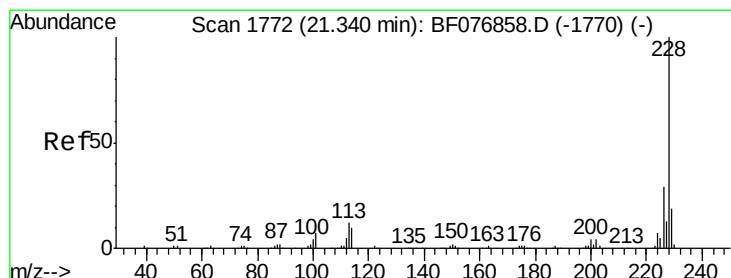
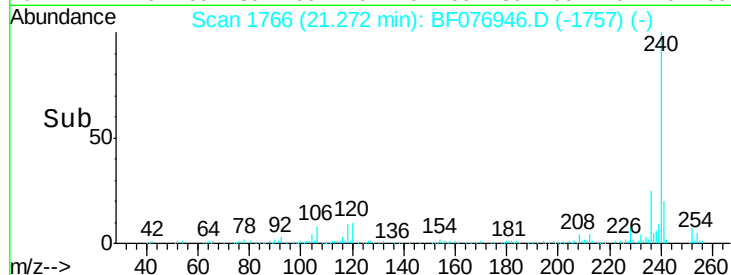
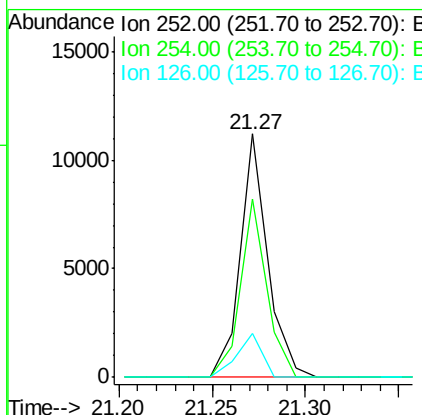
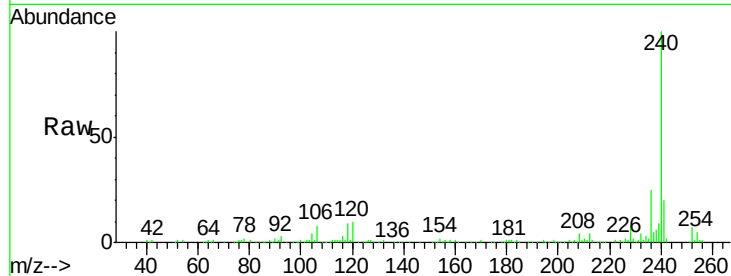




#81
 3,3'-Dichlorobenzidine
 Concen: 3.35 ng
 RT: 21.27 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

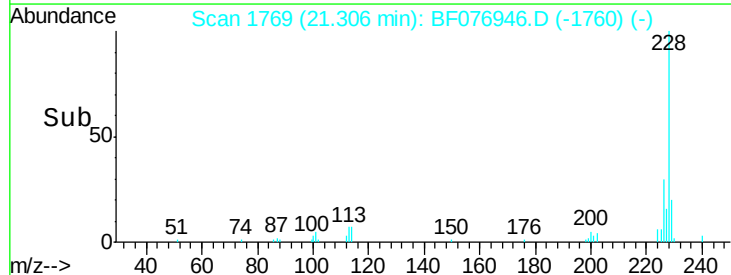
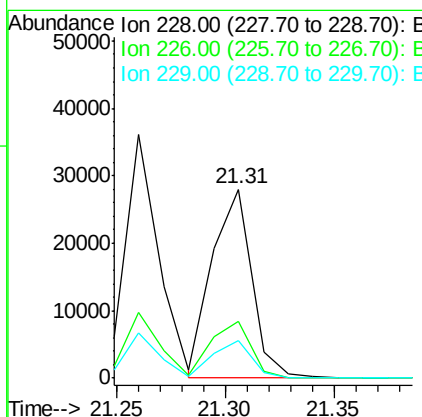
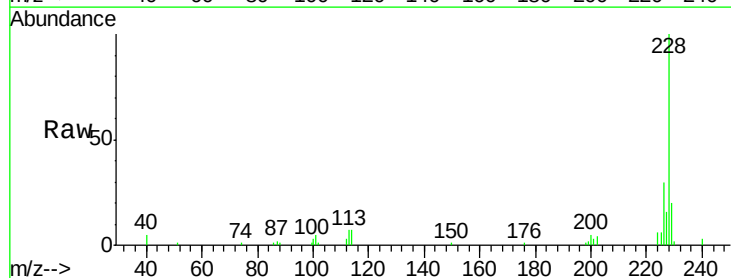
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

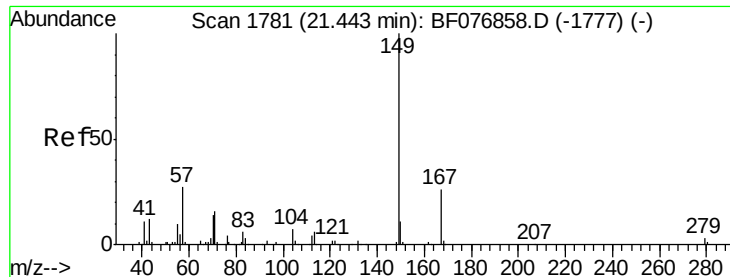
Tot Ion:252 Resp: 11442
 Ion Ratio Lower Upper
 252 100
 254 73.1 50.2 75.4
 126 18.1 11.5 17.3#



#82
 Chrysene
 Concen: 3.64 ng
 RT: 21.31 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:228 Resp: 35600
 Ion Ratio Lower Upper
 228 100
 226 30.3 23.4 35.0
 229 20.0 15.4 23.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.26 ng

RT: 21.40 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

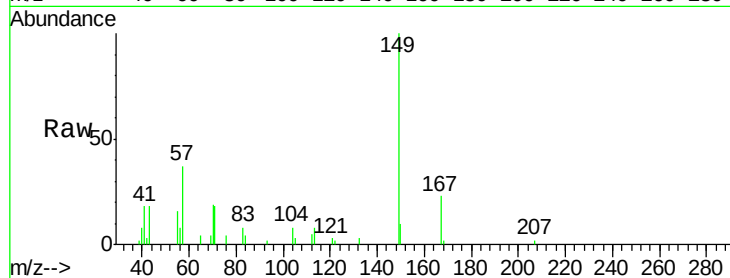
Tot Ion:149 Resp: 23977

Ion Ratio Lower Upper

149 100

167 22.7 20.6 30.8

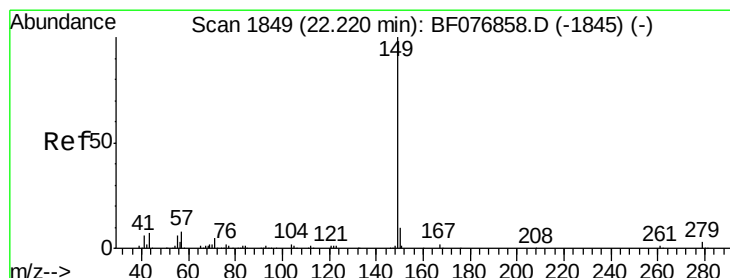
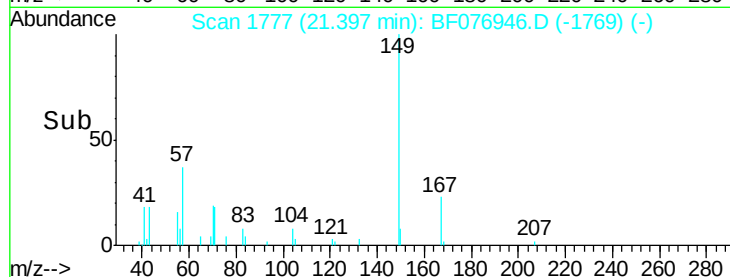
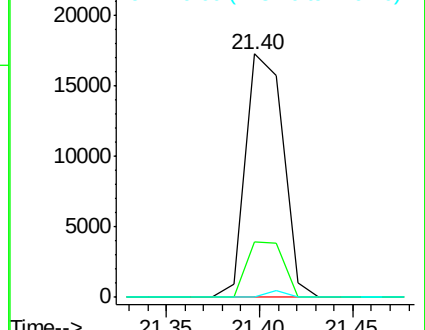
279 0.0 2.2 3.2#



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: 3.15 ng

RT: 22.16 min Scan# 1844

Delta R.T. -0.01 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

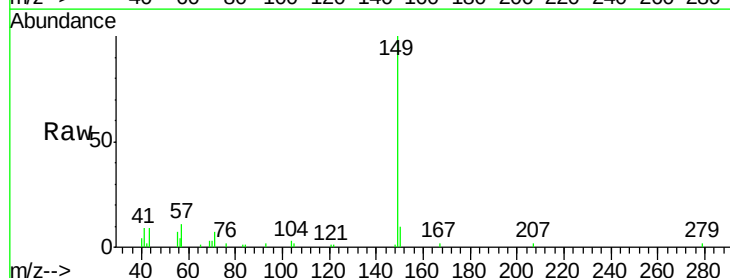
Tgt Ion:149 Resp: 40152

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

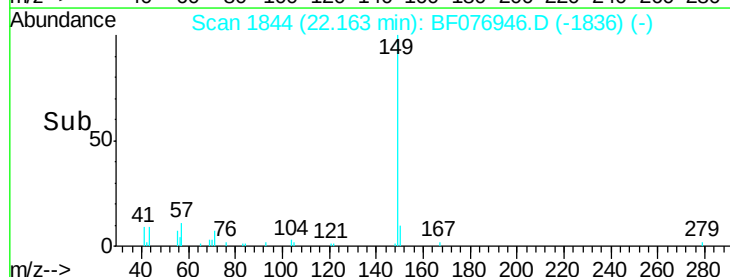
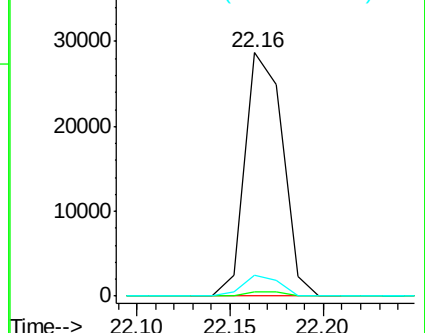
43 8.2 6.6 10.0

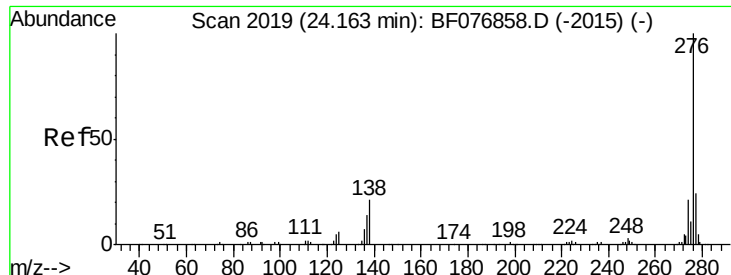


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

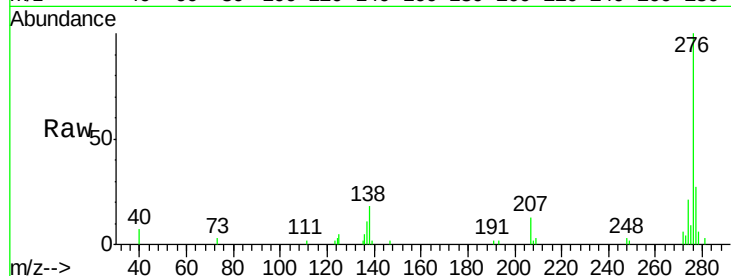




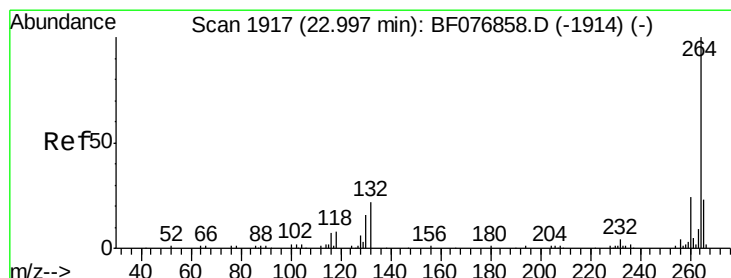
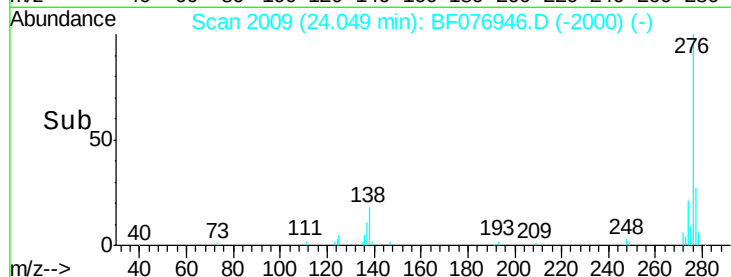
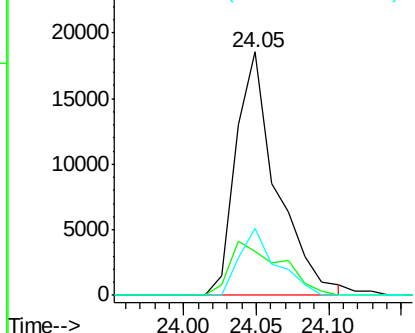
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.49 ng
 RT: 24.05 min Scan# 2009
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Tot Ion:276 Resp: 36191
 Ion Ratio Lower Upper
 276 100
 138 27.8 14.6 22.0#
 277 25.0 14.8 22.2#

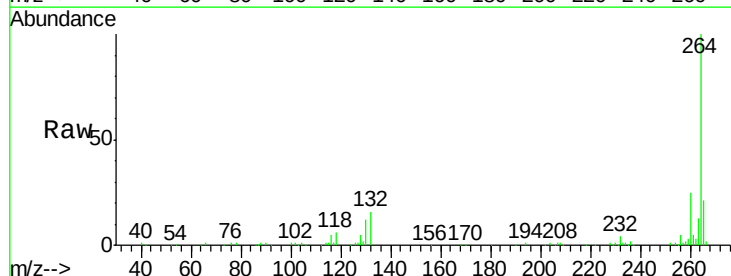


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

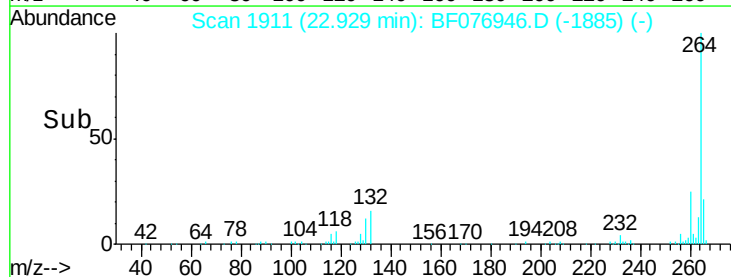
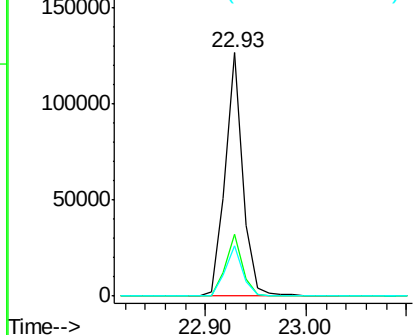


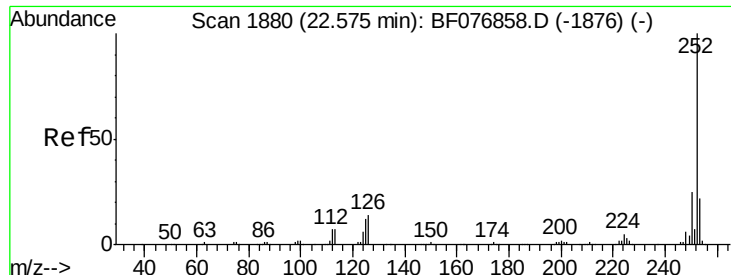
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 22.93 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BF076946.D
 Acq: 20 Jan 2015 2:52

Tgt Ion:264 Resp: 154200
 Ion Ratio Lower Upper
 264 100
 260 25.3 19.0 28.4
 265 20.6 18.1 27.1



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

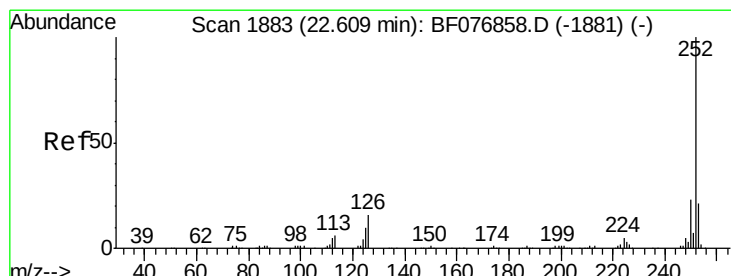
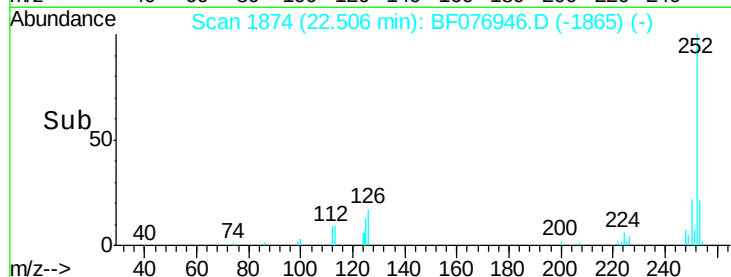
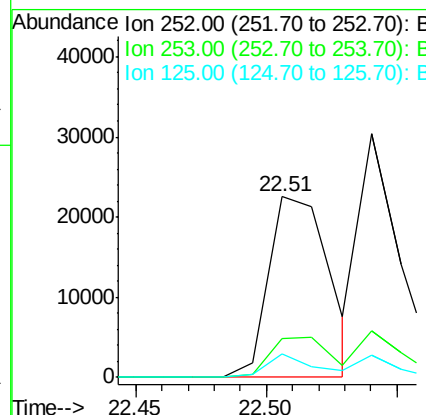
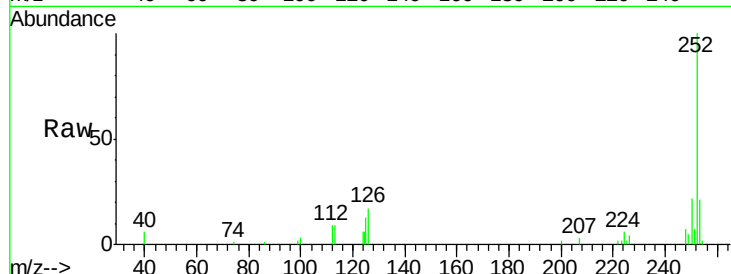




#87
Benzo(b)fluoranthene
Concen: 3.51 ng
RT: 22.51 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

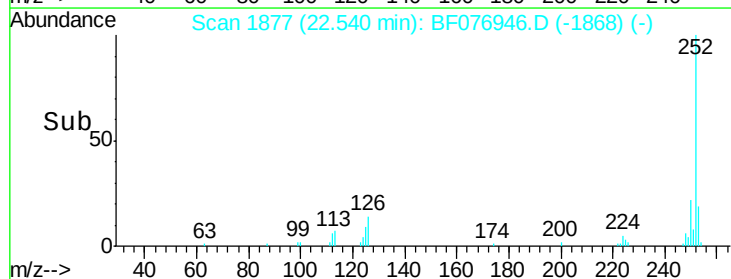
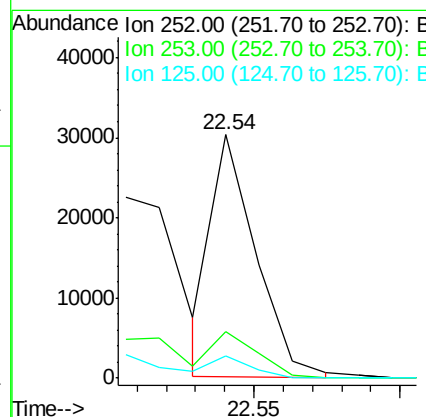
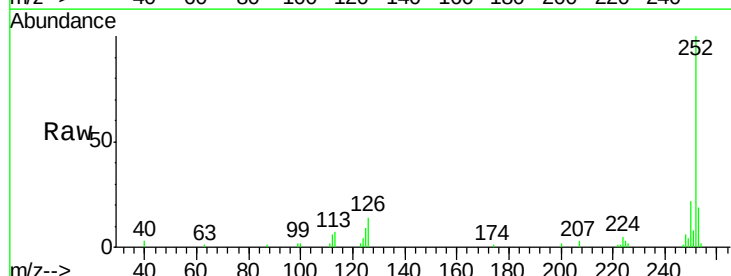
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

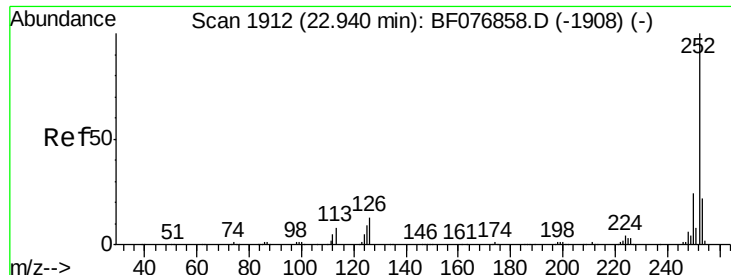
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	13.0	9.4	14.0



#88
Benzo(k)fluoranthene
Concen: 3.55 ng m
RT: 22.54 min Scan# 1877
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.8	17.2	25.8
125	9.1	7.1	10.7

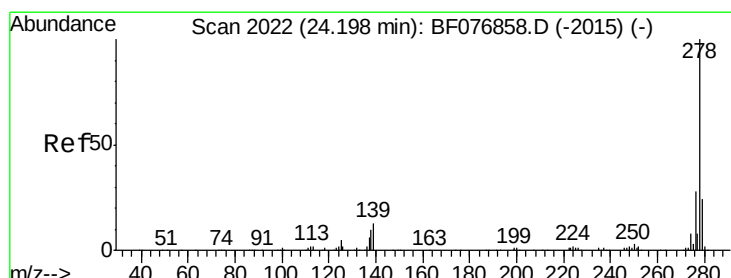
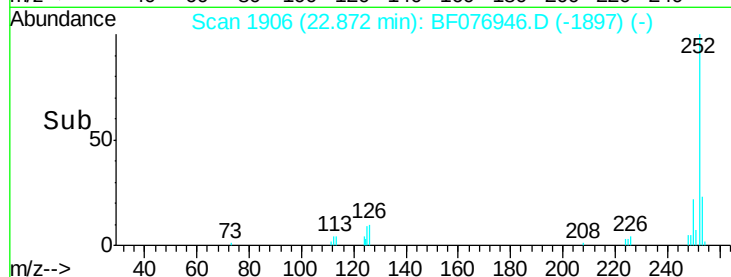
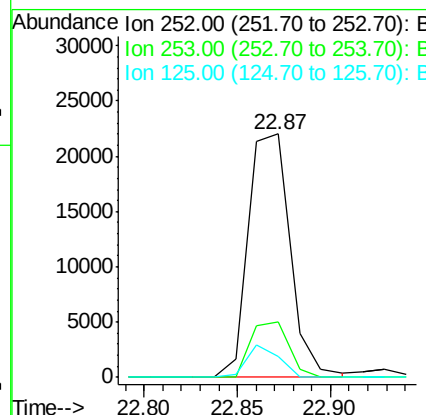
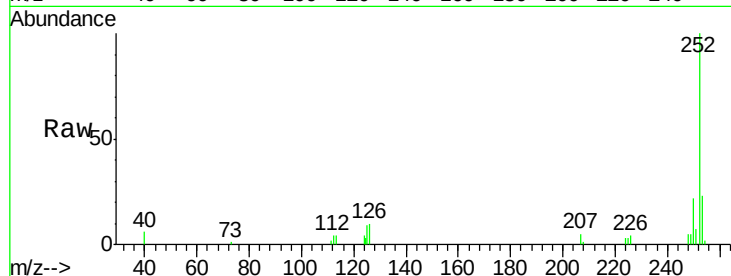




#89
Benzo(a)pyrene
Concen: 3.75 ng
RT: 22.87 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

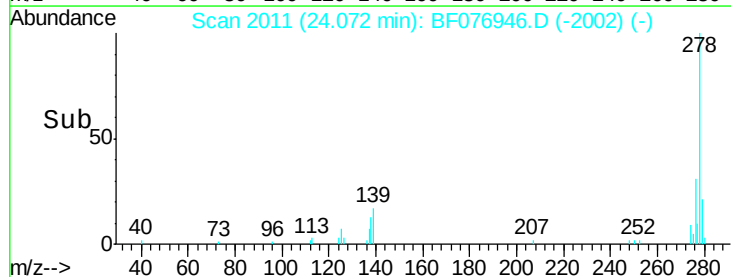
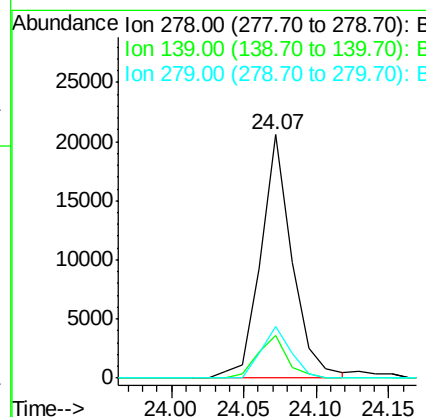
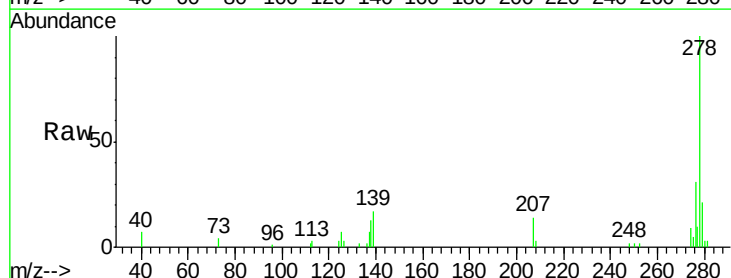
Instrument :
BNA_F
ClientSampleId :
SP-3MSD

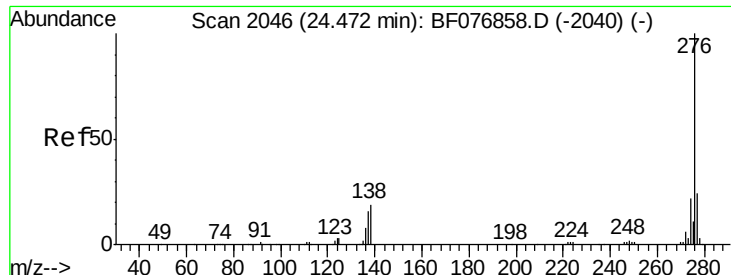
Tot Ion:252 Resp: 34364
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 8.7 7.2 10.8



#90
Dibenzo(a,h)anthracene
Concen: 3.68 ng
RT: 24.07 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BF076946.D
Acq: 20 Jan 2015 2:52

Tgt Ion:278 Resp: 30923
Ion Ratio Lower Upper
278 100
139 17.5 10.5 15.7#
279 21.2 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 3.48 ng

RT: 24.35 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BF076946.D

Acq: 20 Jan 2015 2:52

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

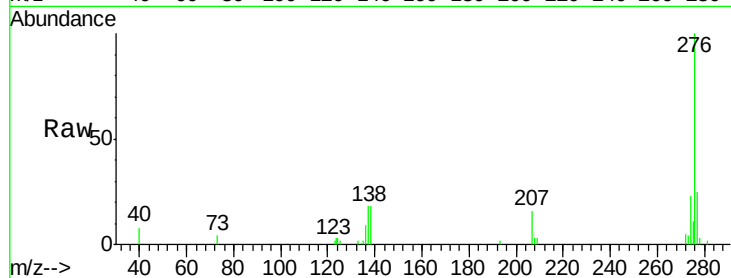
Tot Ion: 276 Resp: 29055

Ion Ratio Lower Upper

276 100

277 25.1 19.5 29.3

138 17.8 15.0 22.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

