

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012115\
 Data File : BF076998.D
 Acq On : 21 Jan 2015 15:32
 Operator : TP/IZ
 Sample : G1100-18DL 10X
 Misc : S
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8024DL

Quant Time: Jan 22 00:56:33 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 21 14:45:53 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	28156	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	115979	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	59056	20.00	ng	0.00
63) Phenanthrene-d10	17.69	188	96392	20.00	ng	0.00
75) Chrysene-d12	21.19	240	94109	20.00	ng	-0.01
86) Perylene-d12	22.91	264	86355	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	4.90	112	23058	13.46	ng	0.00
7) Phenol-d6	7.26	99	29428	13.62	ng	-0.01
23) Nitrobenzene-d5	9.16	82	17216	8.22	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	6612	13.79	ng	-0.01
44) 2-Fluorobiphenyl	13.42	172	38464	9.91	ng	0.00
78) Terphenyl-d14	19.92	244	39379	9.63	ng	-0.01

Target Compounds						Qvalue
10) Phenol	7.29	94	43878	19.13	ng	93
11) bis(2-Chloroethyl)ether	7.38	93	37892	21.11	ng	# 72
12) 1,3-Dichlorobenzene	7.69	146	46939	20.90	ng	91
13) 1,4-Dichlorobenzene	7.89	146	53573	22.49	ng	99
14) 1,2-Dichlorobenzene	8.21	146	33384	15.21	ng	96
26) 2-Nitrophenol	9.94	139	6978	7.92	ng	98
28) bis(2-Chloroethoxy)methane	10.42	93	32481	14.99	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	44782	26.23	ng	94
31) Naphthalene	10.81	128	88088	14.75	ng	97
34) Hexachlorobutadiene	11.18	225	15394	15.20	ng	95
36) 4-Chloro-3-methylphenol	12.36	107	39976	22.72	ng	92
37) 2-Methylnaphthalene	12.47	142	91309	22.39	ng	93
42) 2,4,6-Trichlorophenol	13.21	196	27410	25.77	ng	96
43) 2,4,5-Trichlorophenol	13.32	196	9597	8.85	ng	# 91
46) 2-Chloronaphthalene	13.59	162	17167	4.77	ng	94
48) Acenaphthylene	14.54	152	151493	24.93	ng	97
49) Dimethylphthalate	14.48	163	43573	10.40	ng	# 95
50) 2,6-Dinitrotoluene	14.59	165	23396	27.96	ng	93
51) Acenaphthene	14.96	154	68592	19.89	ng	96
55) 4-Nitrophenol	15.56	139	6454	9.83	ng	98
56) 2,4-Dinitrotoluene	15.52	165	18136	15.93	ng	# 88
57) Fluorene	16.13	166	41386	9.73	ng	98
59) Diethylphthalate	16.12	149	67869	16.03	ng	98
60) 4-Chlorophenyl-phenylether	16.22	204	57749	33.17	ng	95
66) 4-Bromophenyl-phenylether	17.07	248	5180	5.30	ng	95
67) Hexachlorobenzene	17.09	284	6236	6.06	ng	# 80
69) Pentachlorophenol	17.45	266	9212	24.74	ng	95
71) Anthracene	17.81	178	64677	11.03	ng	99
74) Fluoranthene	19.37	202	76724	12.46	ng	98
77) Pyrene	19.66	202	122610	19.01	ng	99
79) Butylbenzylphthalate	20.59	149	64150	21.96	ng	# 84
80) Benzo(a)anthracene	21.18	228	99643	16.88	ng	99
82) Chrysene	21.23	228	75715	14.06	ng	99
83) Bis(2-ethylhexyl)phthalate	21.33	149	36282	8.98	ng	# 96

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ALS Vial : 5 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 21 14:45:53 2015
Response via : Initial Calibration

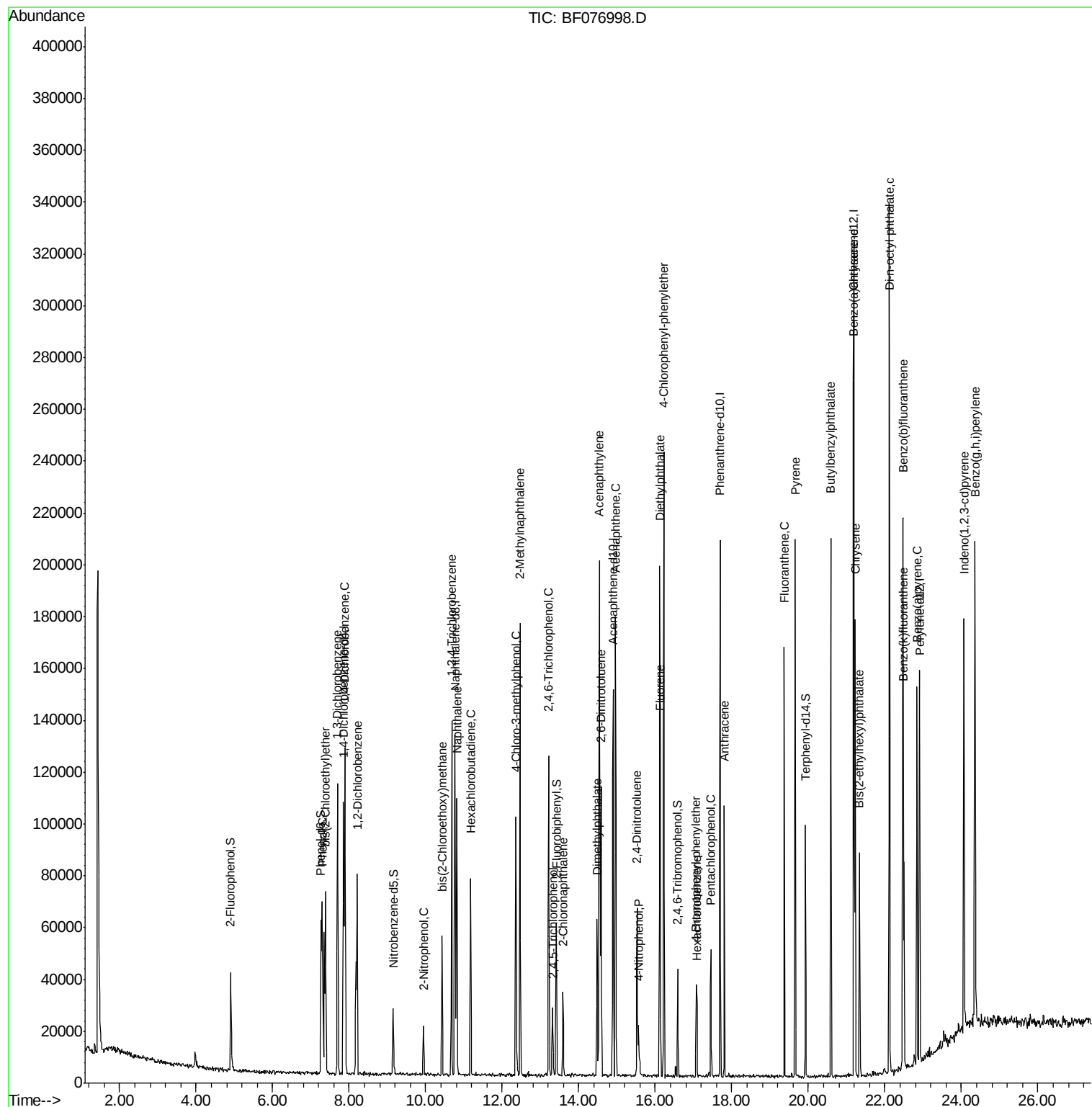
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) Di-n-octyl phthalate	22.12	149	208246	29.69	nq	99
85) Indeno(1,2,3-cd)pyrene	24.07	276	98936m	17.34	nq	
87) Benzo(b)fluoranthene	22.47	252	139292m	23.95	nq	
88) Benzo(k)fluoranthene	22.49	252	67062m	13.20	nq	
89) Benzo(a)pyrene	22.84	252	80343	15.66	nq	97
91) Benzo(a,h,i)perylene	24.36	276	124403	26.58	nq	97

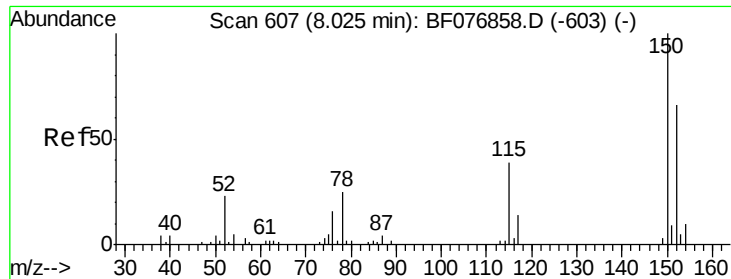
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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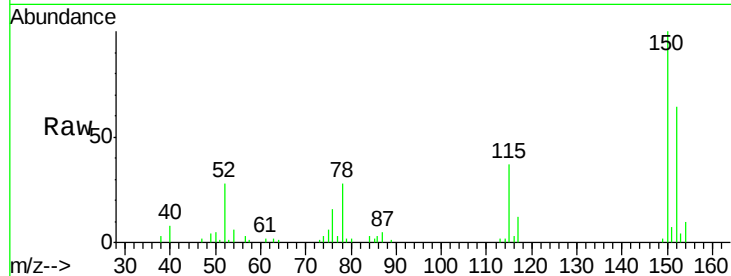


#1

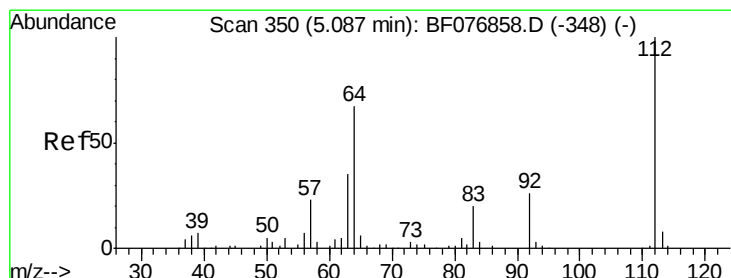
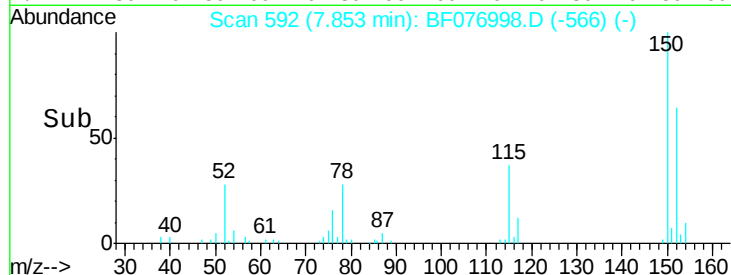
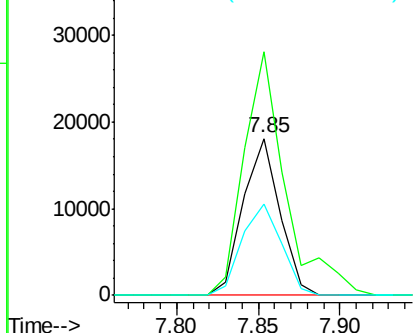
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.85 min Scan# 592
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampleId :
8024DL

Tot Ion:152 Resp: 28156
Ion Ratio Lower Upper
152 100
150 155.4 121.7 182.5
115 58.1 47.0 70.6



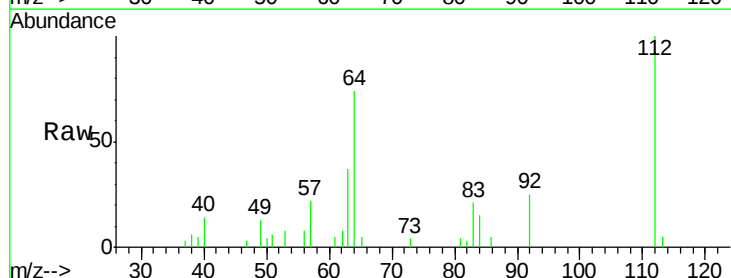
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



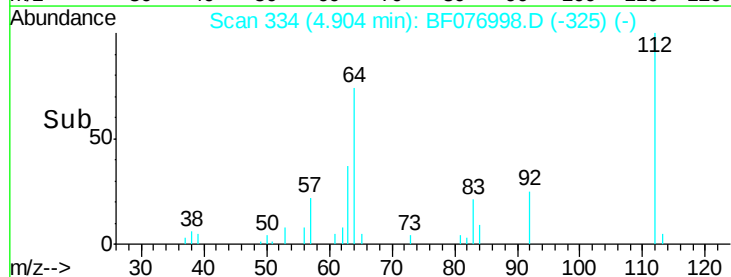
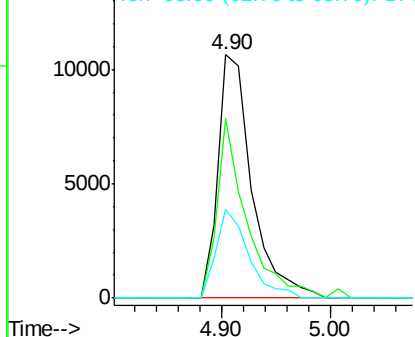
#5

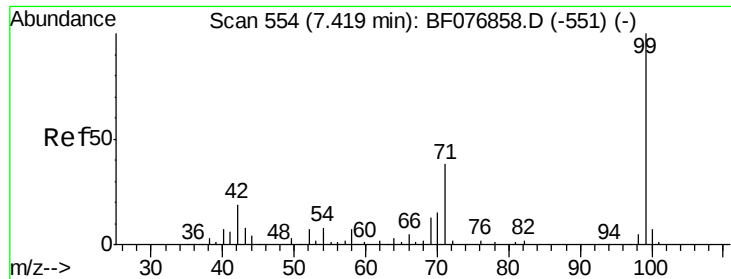
2-Fluorophenol
Concen: 13.46 ng
RT: 4.90 min Scan# 334
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:112 Resp: 23058
Ion Ratio Lower Upper
112 100
64 73.6 54.2 81.4
63 36.7 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





#7

Phenol-d6

Concen: 13.62 ng

RT: 7.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

Instrument :

BNA_F

ClientSampleId :

8024DL

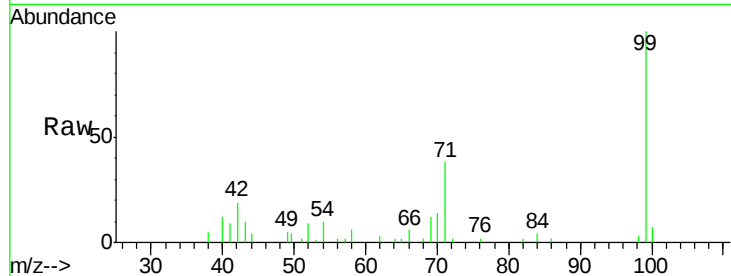
Tot Ion: 99 Resp: 29428

Ion Ratio Lower Upper

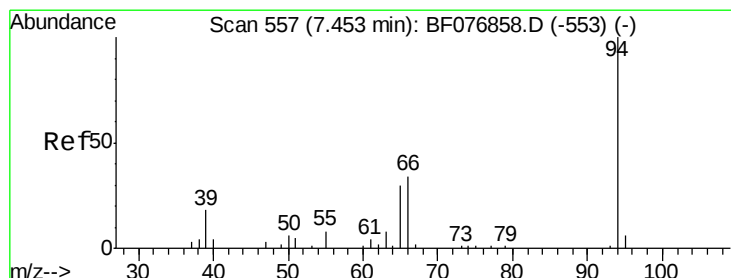
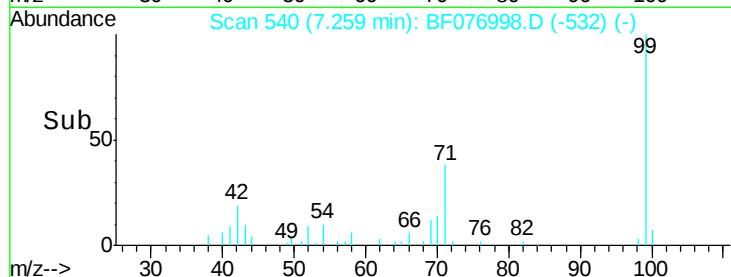
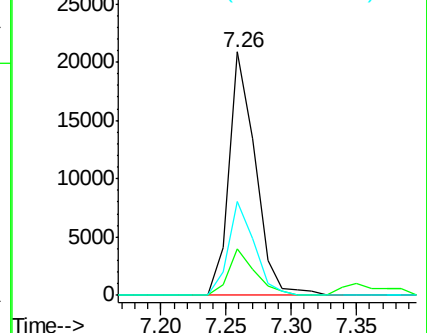
99 100

42 19.0 15.0 22.4

71 38.3 30.5 45.7



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



#10

Phenol

Concen: 19.13 ng

RT: 7.29 min Scan# 543

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

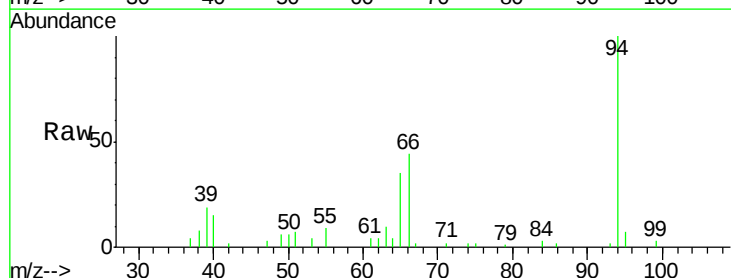
Tgt Ion: 94 Resp: 43878

Ion Ratio Lower Upper

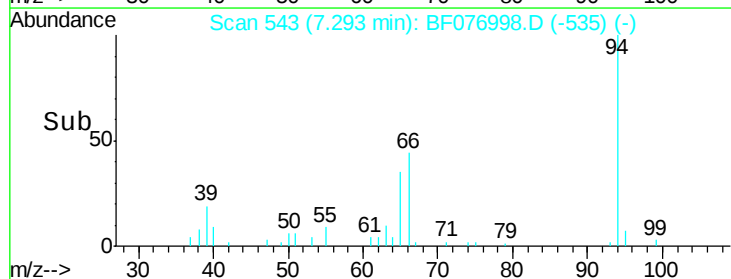
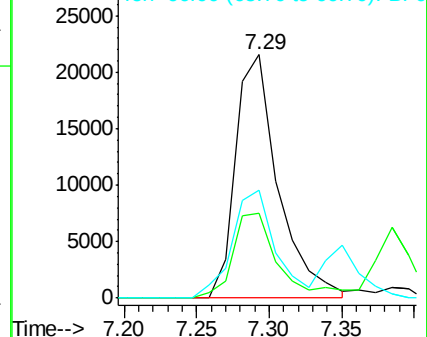
94 100

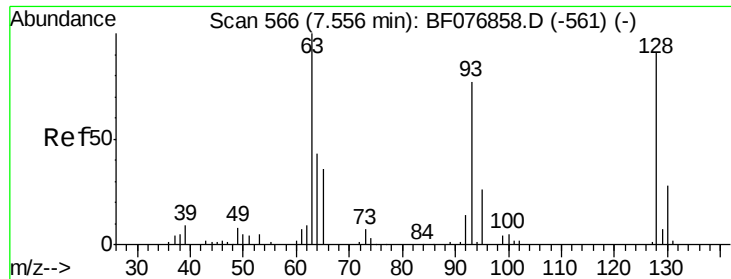
65 35.0 11.3 51.3

66 44.4 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

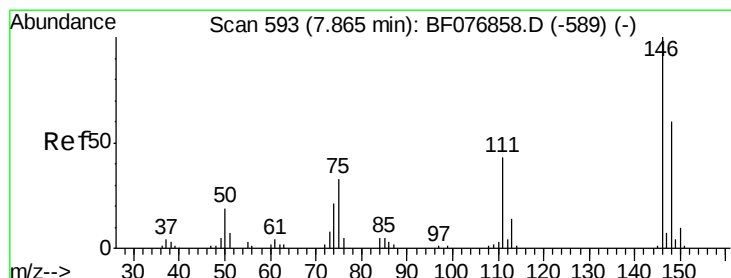
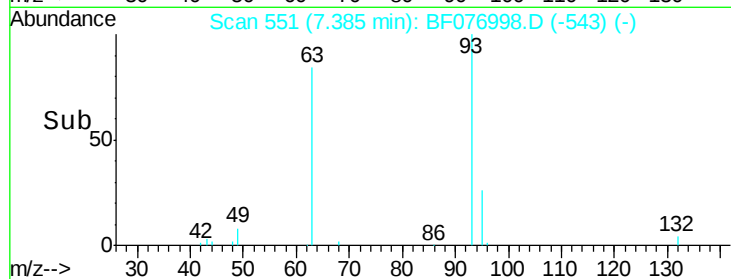
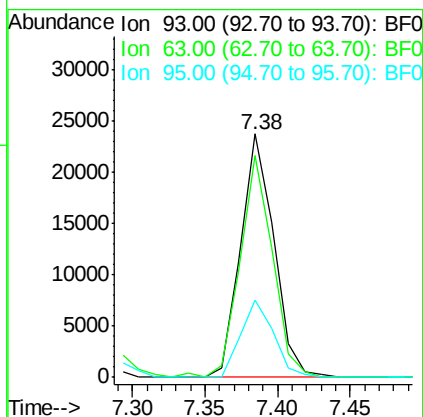
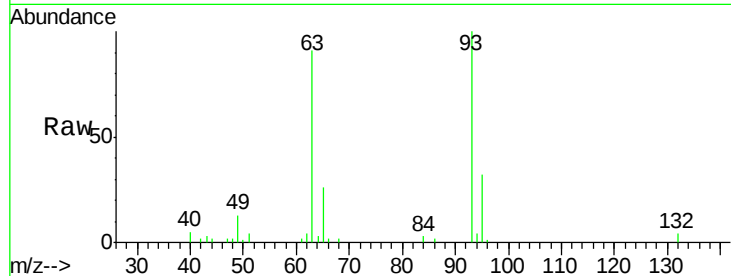




#11
bis(2-Chloroethyl)ether
Concen: 21.11 ng
RT: 7.38 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

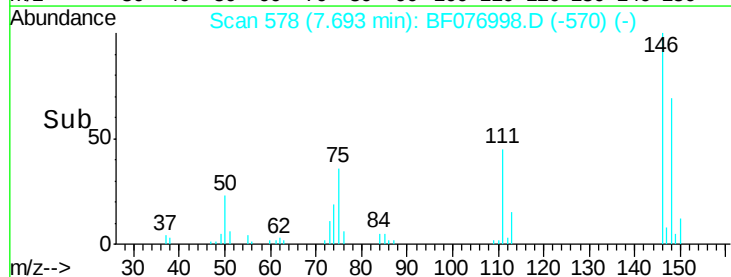
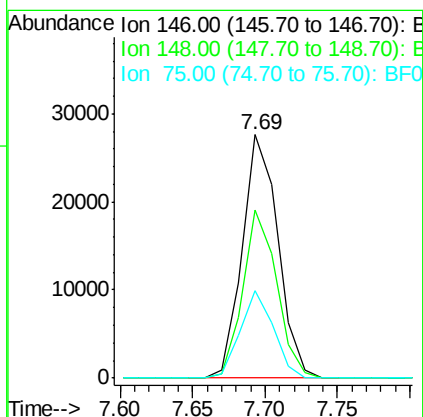
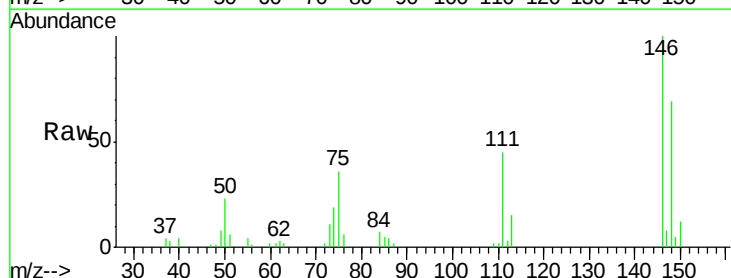
Instrument :
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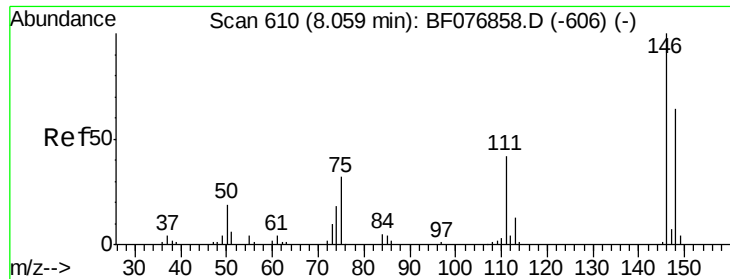
Tot Ion: 93 Resp: 37892
Ion Ratio Lower Upper
93 100
63 91.2 111.3 151.3#
95 31.5 13.8 53.8



#12
1,3-Dichlorobenzene
Concen: 20.90 ng
RT: 7.69 min Scan# 578
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion: 146 Resp: 46939
Ion Ratio Lower Upper
146 100
148 68.9 48.1 72.1
75 35.8 26.8 40.2

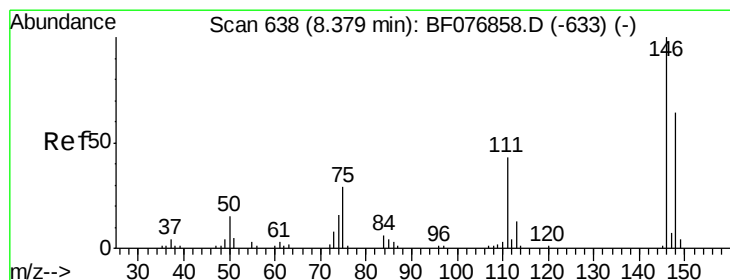
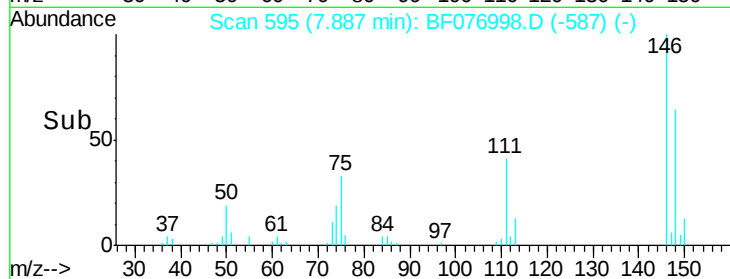
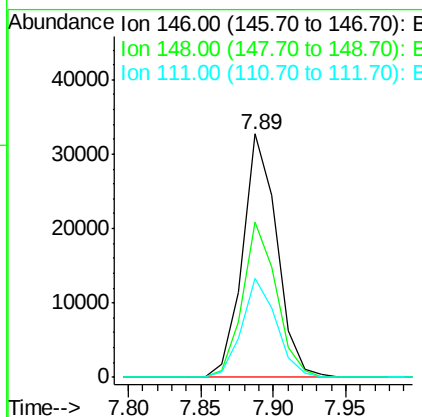
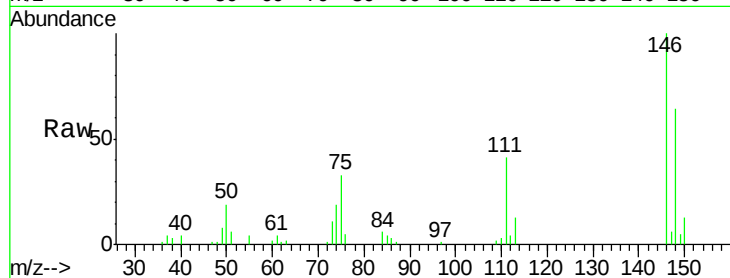




#13
 1,4-Dichlorobenzene
 Concen: 22.49 ng
 RT: 7.89 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

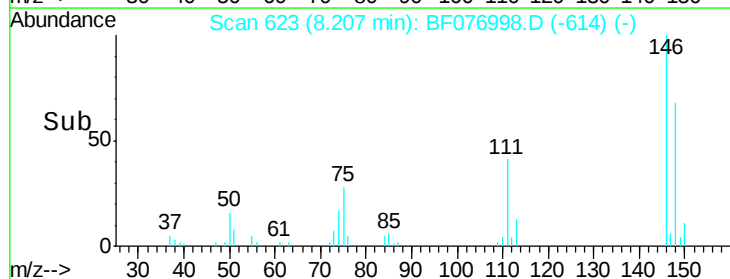
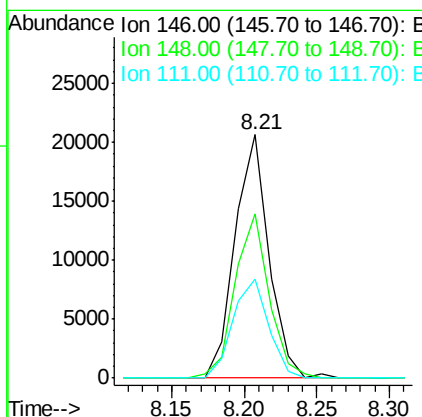
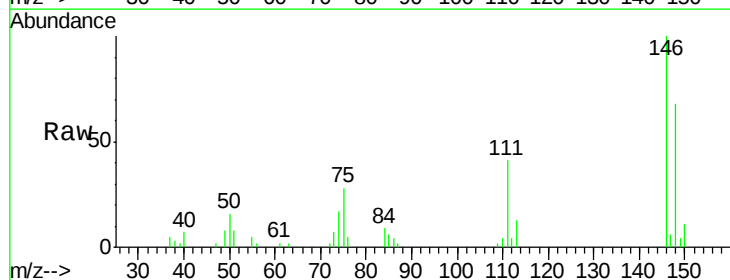
Instrument :
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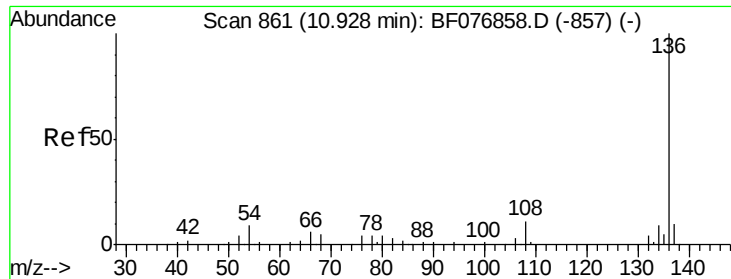
Tot Ion:146 Resp: 53573
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.5 77.3
 111 40.8 33.9 50.9



#14
 1,2-Dichlorobenzene
 Concen: 15.21 ng
 RT: 8.21 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:146 Resp: 33384
 Ion Ratio Lower Upper
 146 100
 148 67.7 51.3 76.9
 111 40.6 34.5 51.7

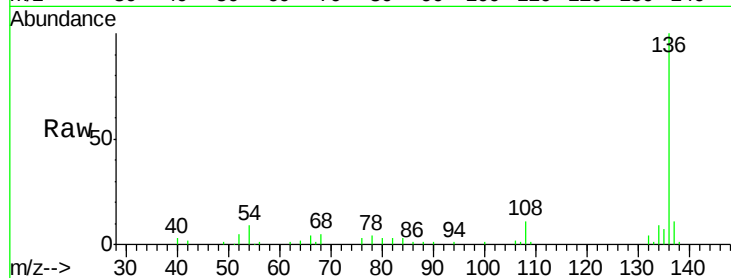




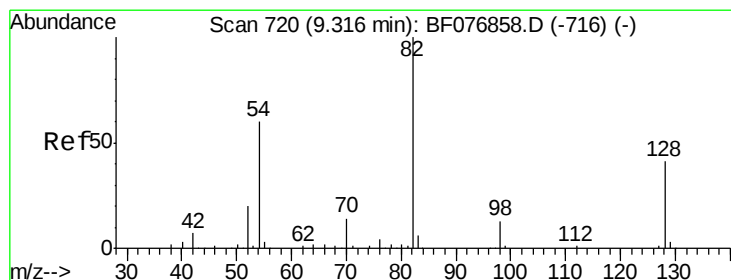
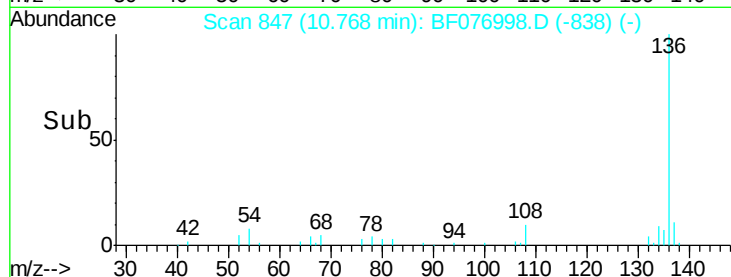
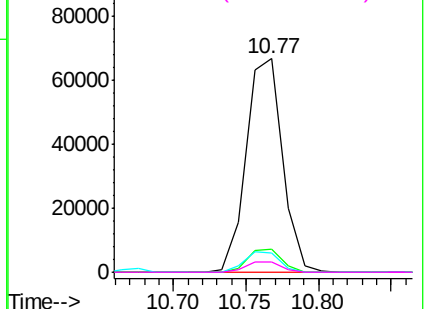
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.77 min Scan# 847
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampleId :
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Tot Ion:136	Resp:	115979
Ion	Ratio	Lower Upper
136	100	
137	10.6	8.1 12.1
54	8.8	7.0 10.4
68	4.7	3.7 5.5

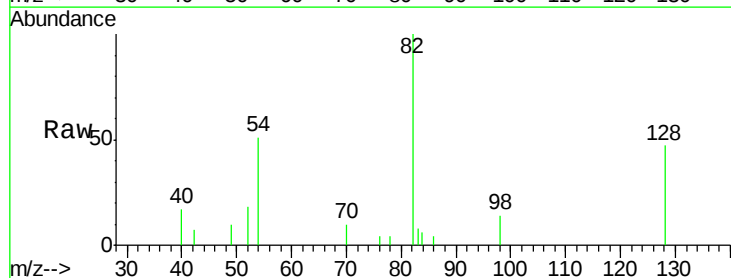


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

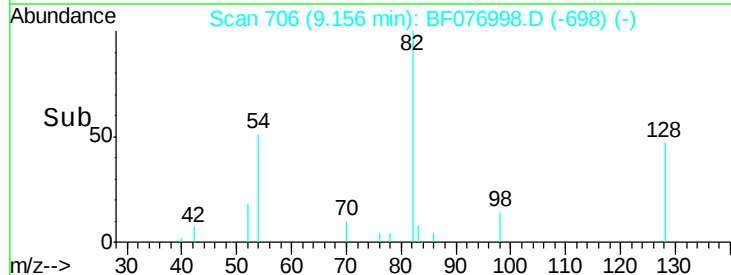
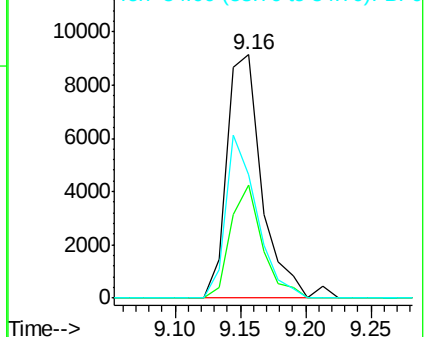


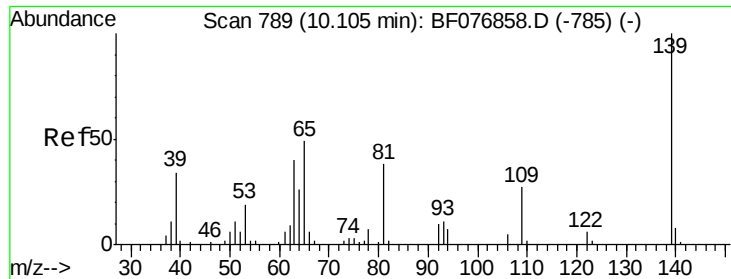
#23
Nitrobenzene-d5
Concen: 8.22 ng
RT: 9.16 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion: 82	Resp:	17216
Ion	Ratio	Lower Upper
82	100	
128	46.5	33.1 49.7
54	50.5	48.3 72.5



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

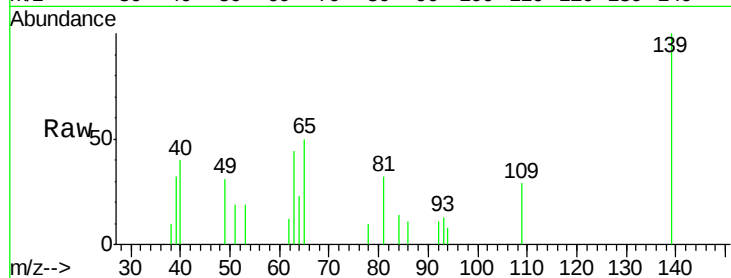




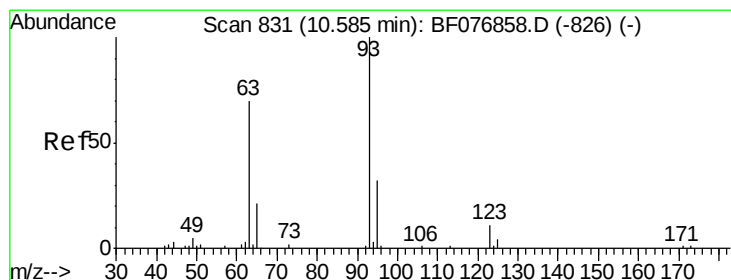
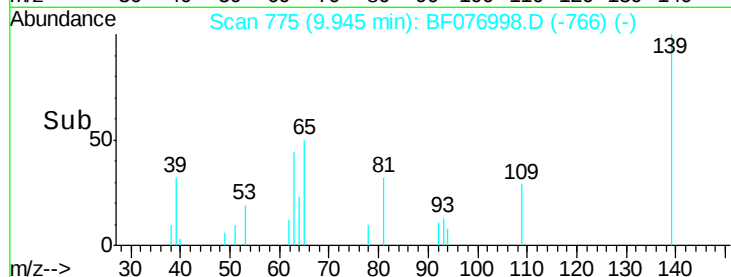
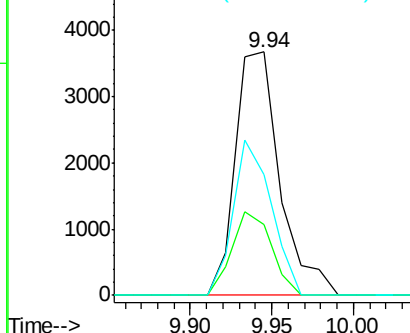
#26
 2-Nitrophenol
 Concen: 7.92 ng
 RT: 9.94 min Scan# 775
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Instrument :
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 ClientSampled :
 8024DL

Tot Ion	Ratio	Lower	Upper
139	100		
109	29.2	21.3	31.9
65	49.8	39.4	59.0

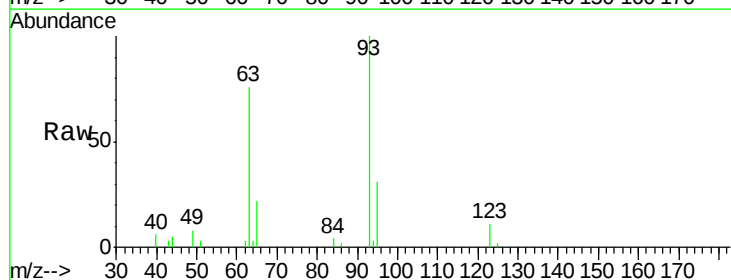


Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): E

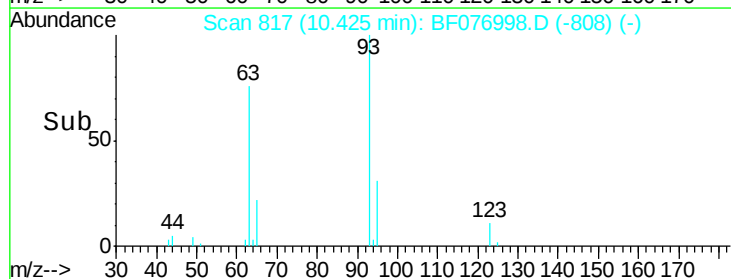
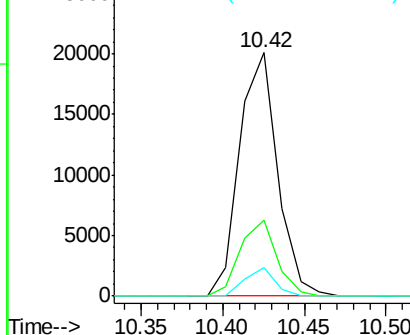


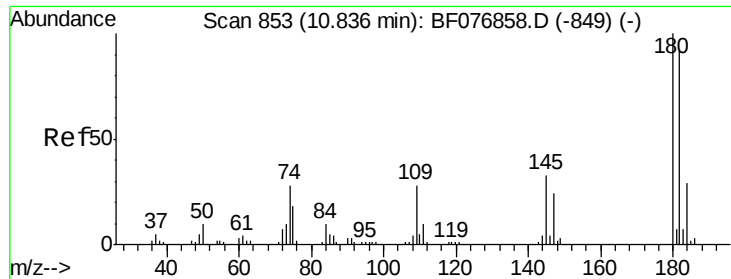
#28
 bis(2-Chloroethoxy)methane
 Concen: 14.99 ng
 RT: 10.42 min Scan# 817
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	25.6	38.4
123	11.5	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

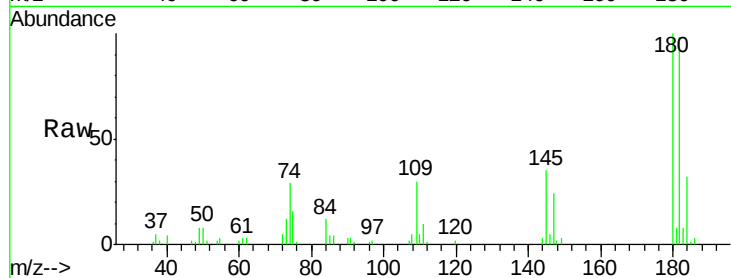




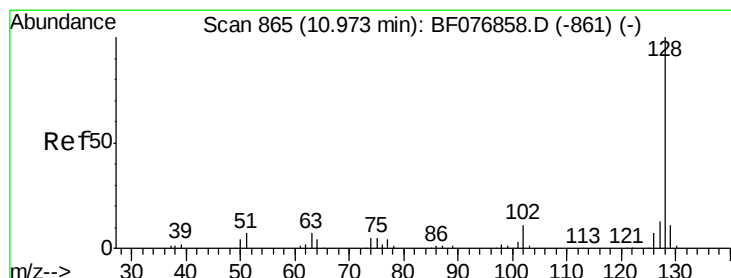
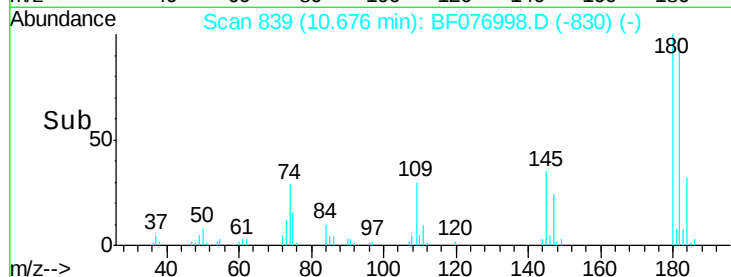
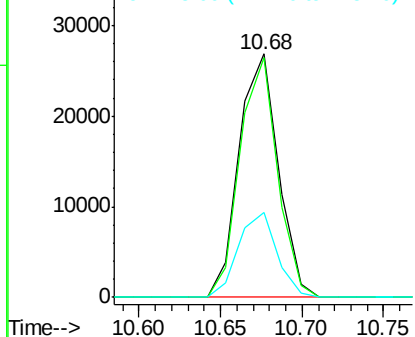
#30
 1,2,4-Trichlorobenzene
 Concen: 26.23 ng
 RT: 10.68 min Scan# 839
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 8024DL

Tot Ion:180 Resp: 44782
 Ion Ratio Lower Upper
 180 100
 182 98.3 73.6 110.4
 145 34.7 26.6 39.8

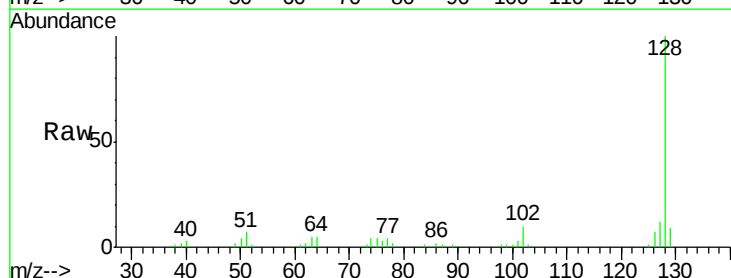


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

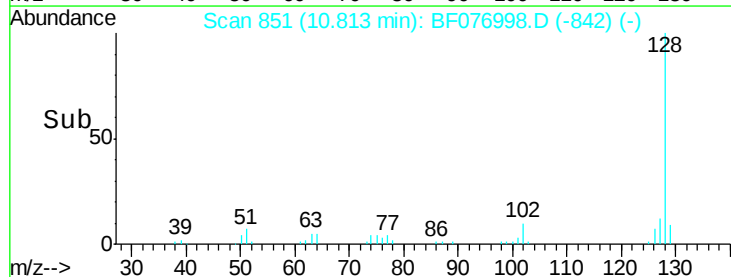
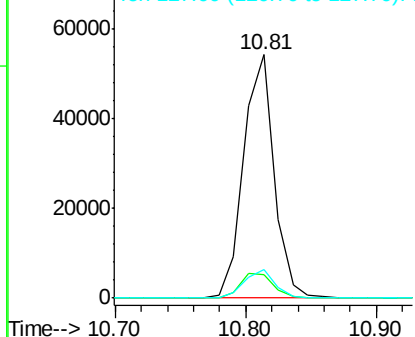


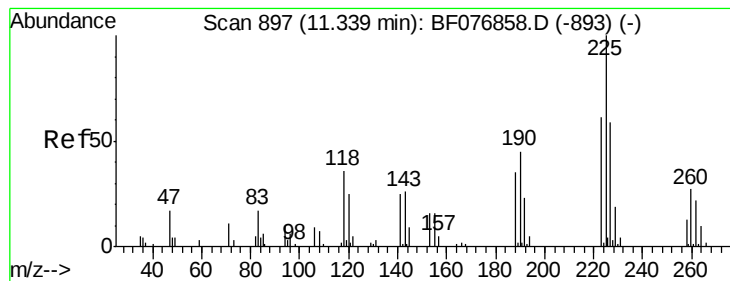
#31
 Naphthalene
 Concen: 14.75 ng
 RT: 10.81 min Scan# 851
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:128 Resp: 88088
 Ion Ratio Lower Upper
 128 100
 129 9.5 9.0 13.6
 127 11.9 10.2 15.2



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





#34

Hexachlorobutadiene

Concen: 15.20 ng

RT: 11.18 min Scan# 883

Delta R.T. -0.00 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

Instrument :

BNA_F

ClientSampled :

8024DL

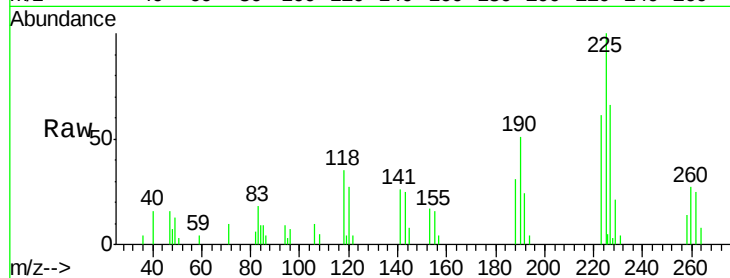
Tot Ion:225 Resp: 15394

Ion Ratio Lower Upper

225 100

223 61.0 49.1 73.7

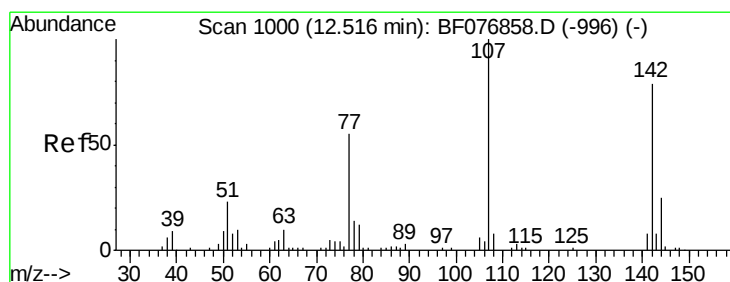
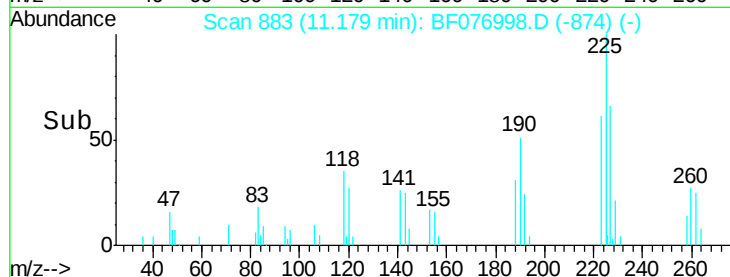
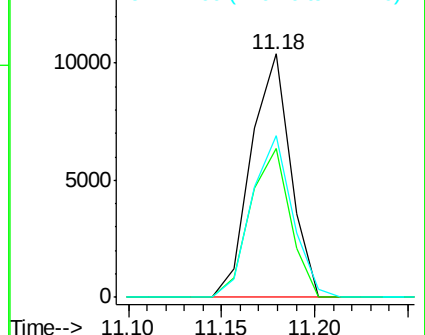
227 66.2 47.5 71.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#36

4-Chloro-3-methylphenol

Concen: 22.72 ng

RT: 12.36 min Scan# 986

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

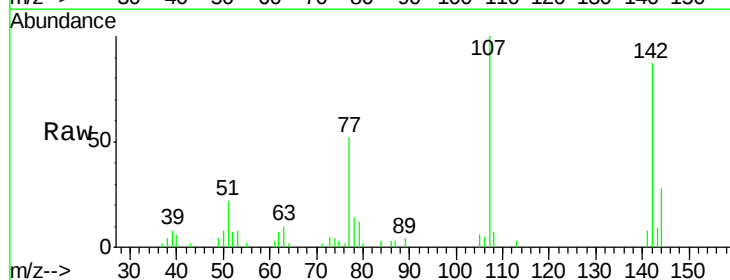
Tgt Ion:107 Resp: 39976

Ion Ratio Lower Upper

107 100

144 27.7 20.0 30.0

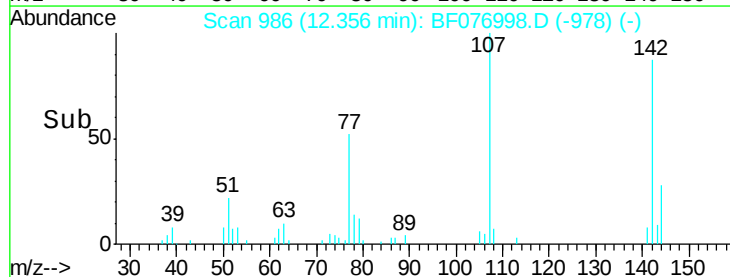
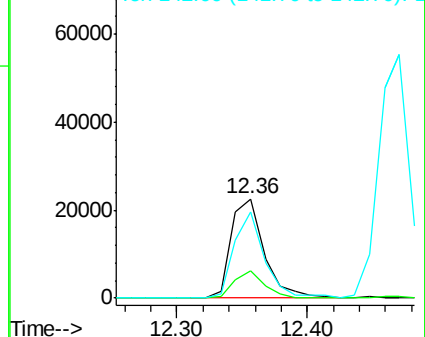
142 87.1 63.5 95.3

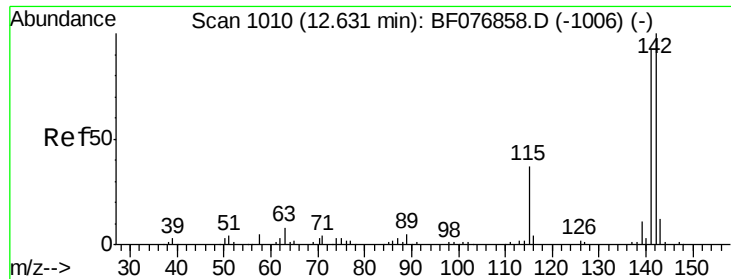


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

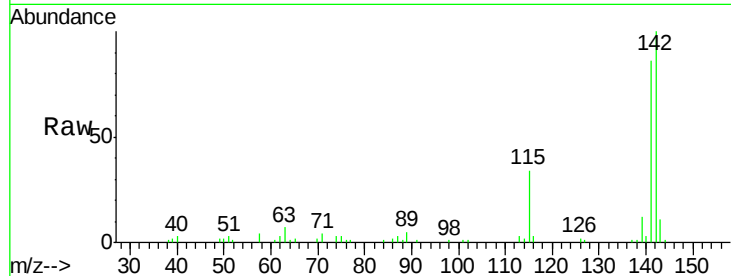




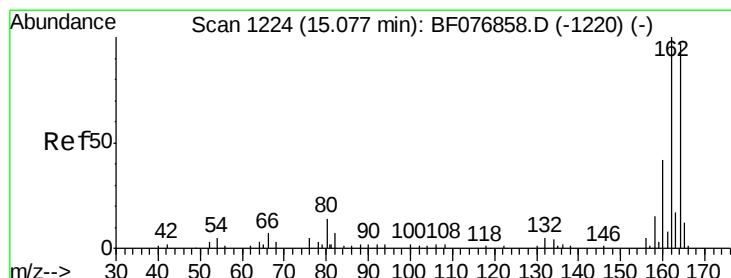
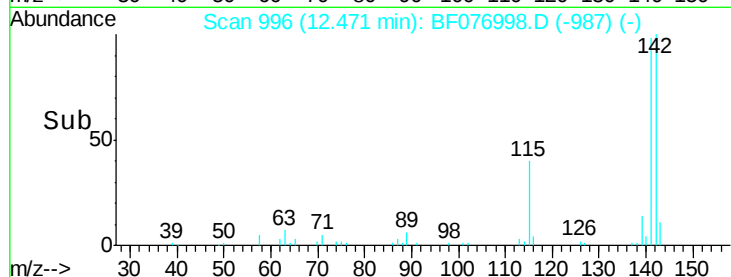
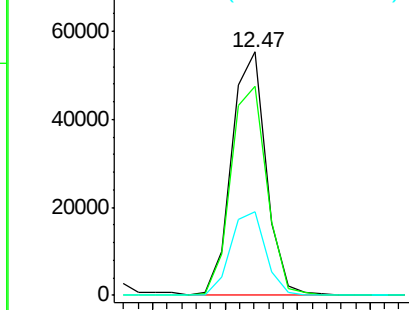
#37
 2-Methylnaphthalene
 Concen: 22.39 ng
 RT: 12.47 min Scan# 996
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 8024DL

Tot Ion:142 Resp: 91309
 Ion Ratio Lower Upper
 142 100
 141 86.1 74.5 111.7
 115 34.4 29.7 44.5

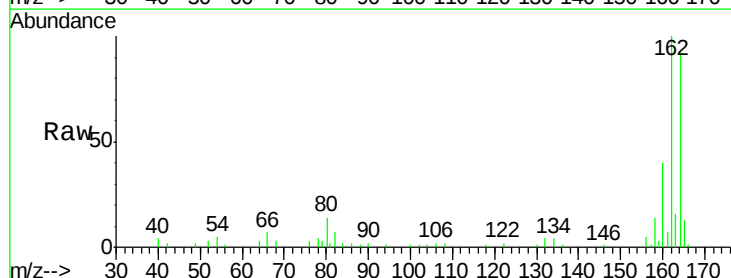


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

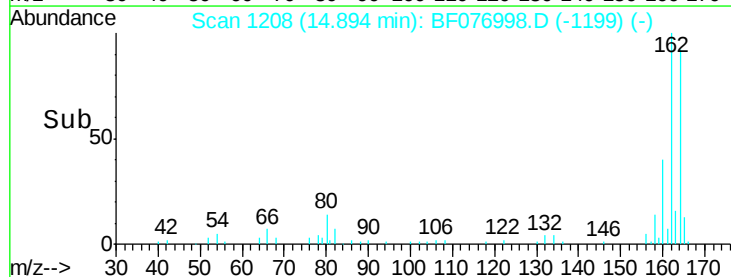
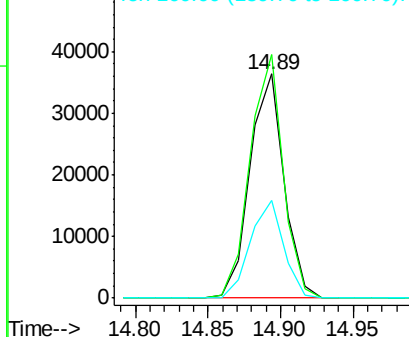


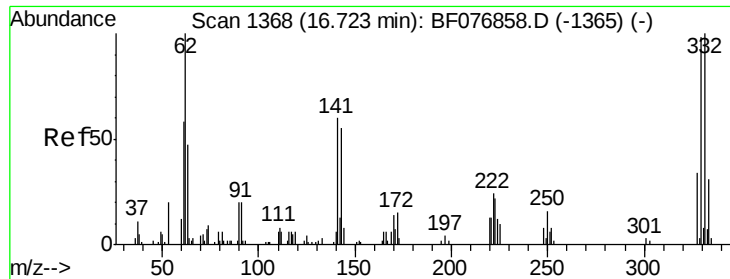
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.89 min Scan# 1208
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:164 Resp: 59056
 Ion Ratio Lower Upper
 164 100
 162 108.5 82.4 123.6
 160 43.7 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





#41

2,4,6-Tribromophenol

Concen: 13.79 ng

RT: 16.59 min Scan# 1356

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

Instrument :

BNA_F

ClientSampled :

8024DL

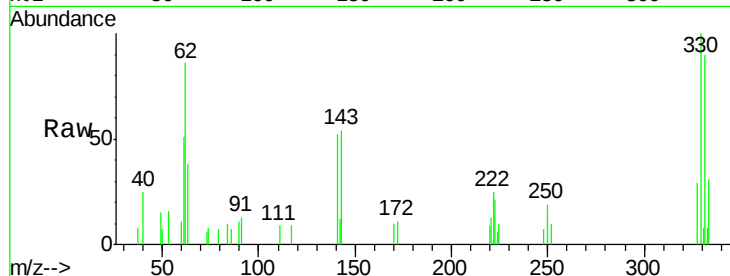
Tot Ion:330 Resp: 6612

Ion Ratio Lower Upper

330 100

332 93.8 77.8 116.6

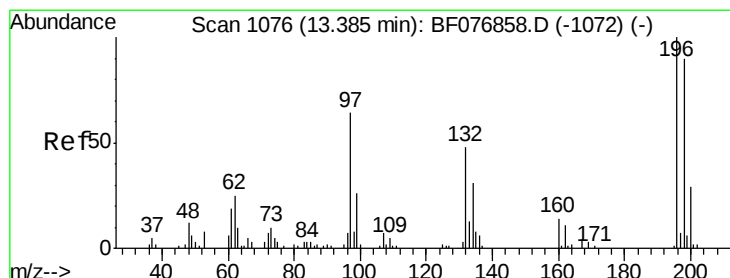
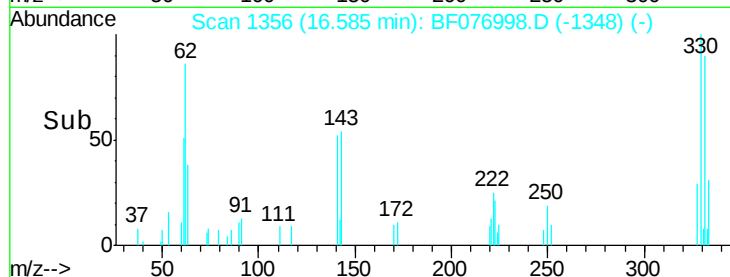
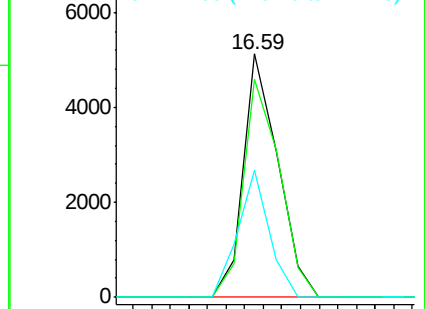
141 47.4 38.5 57.7



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 25.77 ng

RT: 13.21 min Scan# 1061

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

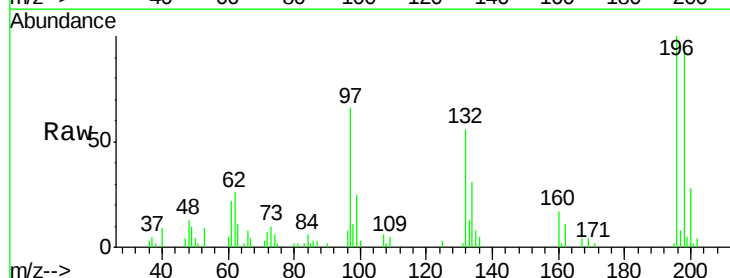
Tgt Ion:196 Resp: 27410

Ion Ratio Lower Upper

196 100

198 94.6 72.0 108.0

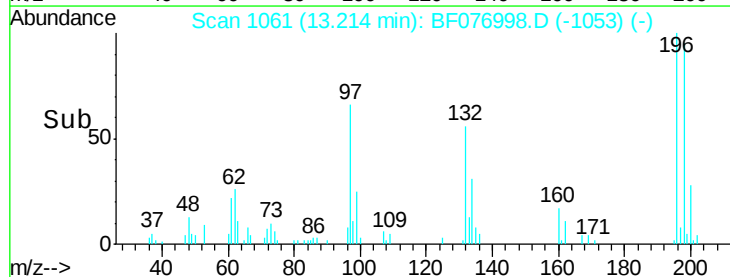
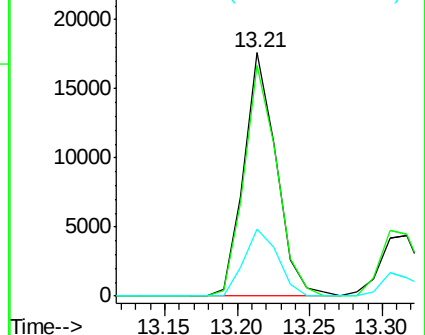
200 27.6 23.4 35.2

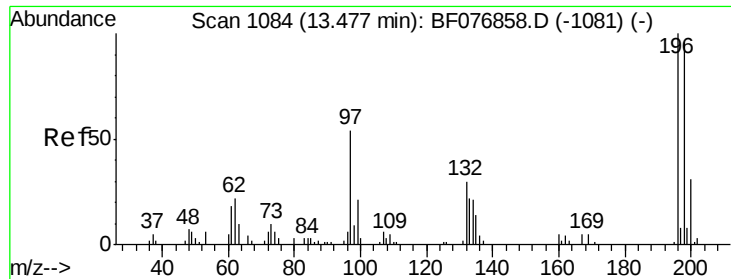


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

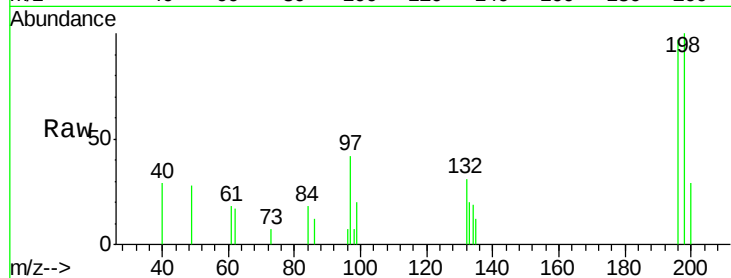




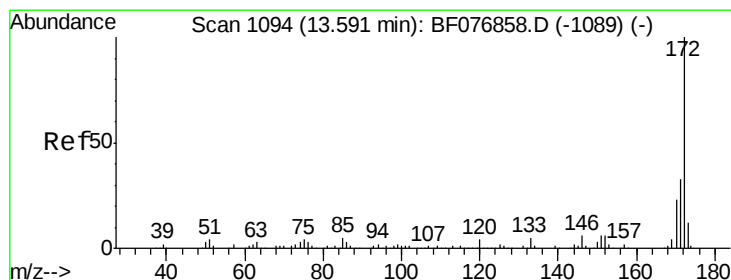
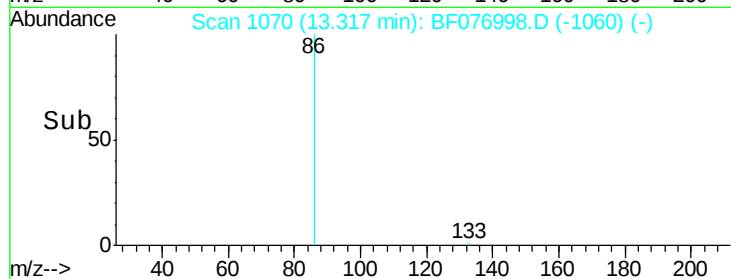
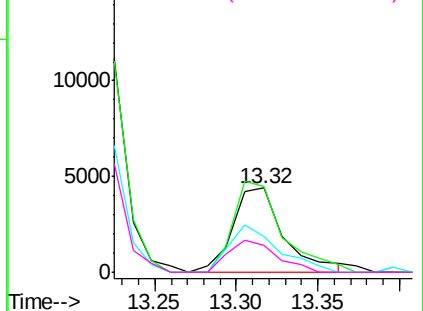
#43
 2,4,5-Trichlorophenol
 Concen: 8.85 ng
 RT: 13.32 min Scan# 1070
 Delta R.T. 0.01 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Instrument :
 BNA_F
 ClientSampleId :
 8024DL

Tot Ion:196 Resp: 9597
 Ion Ratio Lower Upper
 196 100
 198 102.7 76.6 115.0
 97 43.1 43.4 65.0#
 132 31.6 23.7 35.5

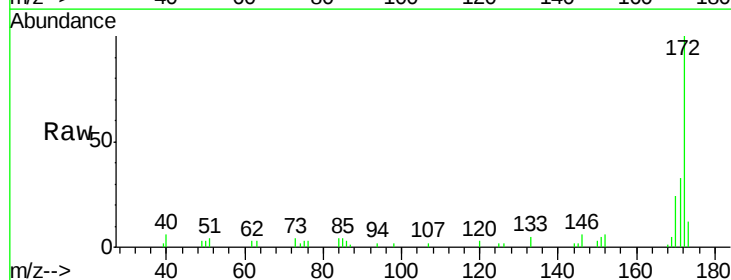


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

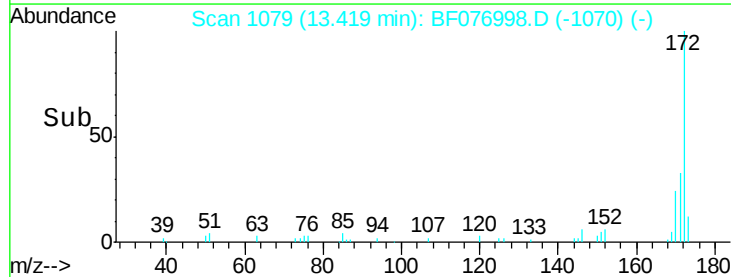
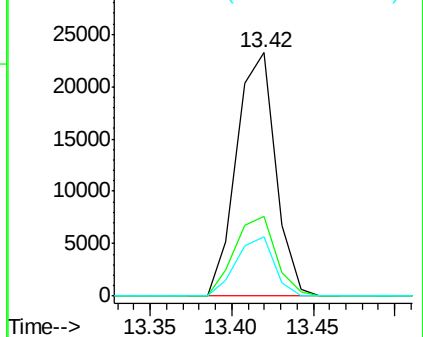


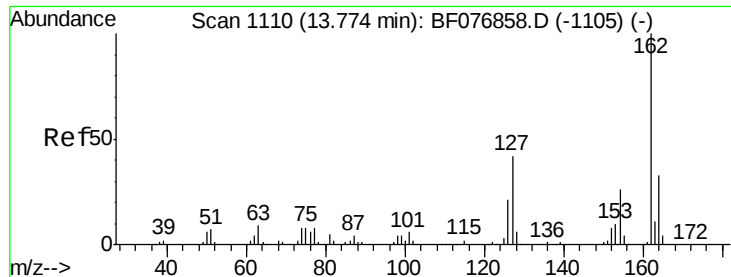
#44
 2-Fluorobiphenyl
 Concen: 9.91 ng
 RT: 13.42 min Scan# 1079
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:172 Resp: 38464
 Ion Ratio Lower Upper
 172 100
 171 32.9 26.6 40.0
 170 24.4 18.0 27.0



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

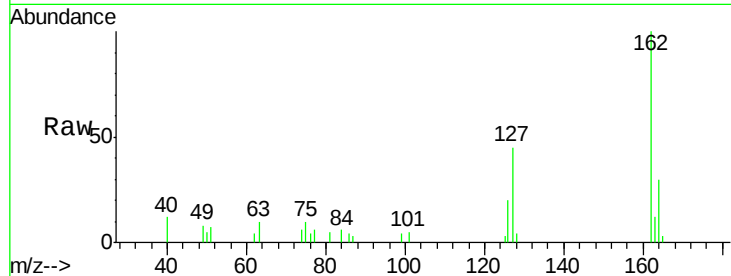




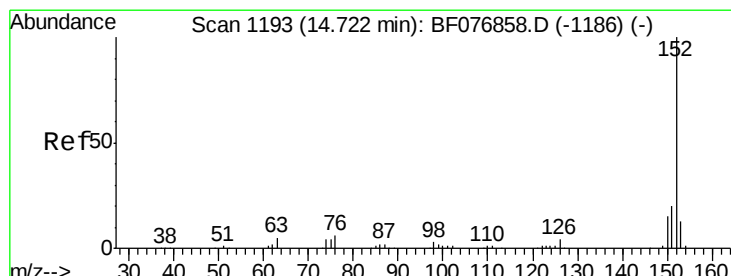
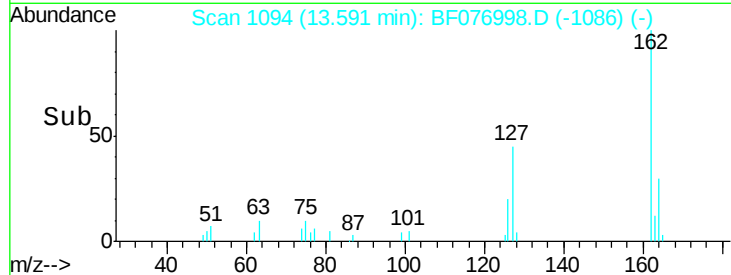
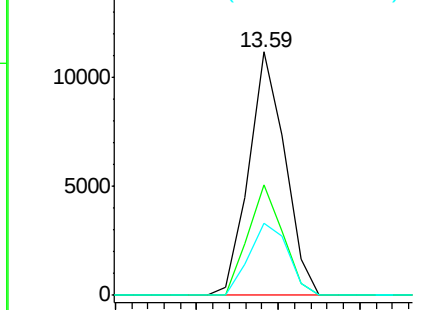
#46
2-Chloronaphthalene
Concen: 4.77 ng
RT: 13.59 min Scan# 1094
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampled :
8024DL

Tot Ion:162 Resp: 17167
Ion Ratio Lower Upper
162 100
127 45.2 33.8 50.6
164 29.9 26.8 40.2

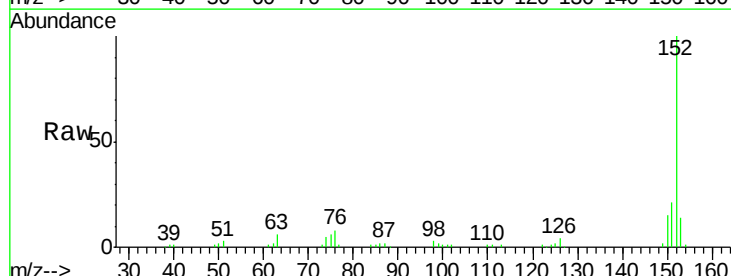


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

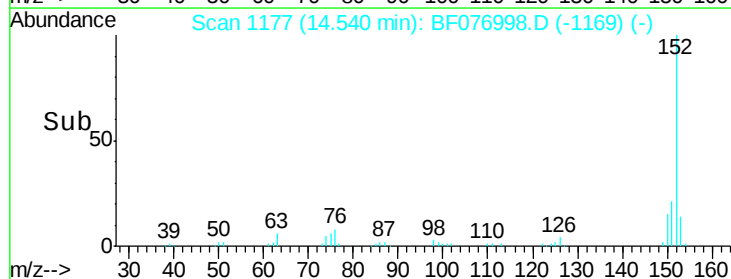
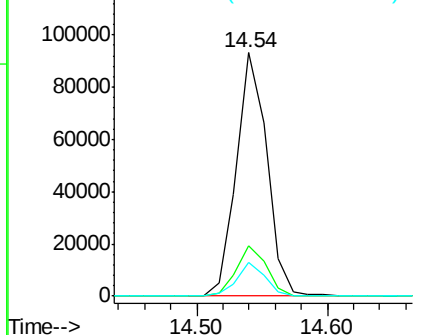


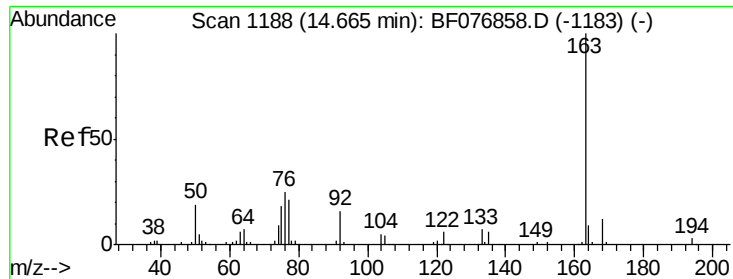
#48
Acenaphthylene
Concen: 24.93 ng
RT: 14.54 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:152 Resp: 151493
Ion Ratio Lower Upper
152 100
151 20.9 15.9 23.9
153 14.1 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

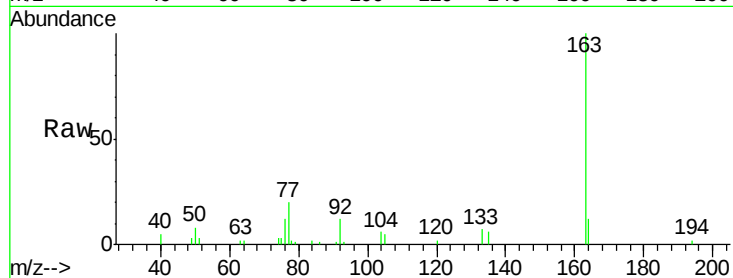




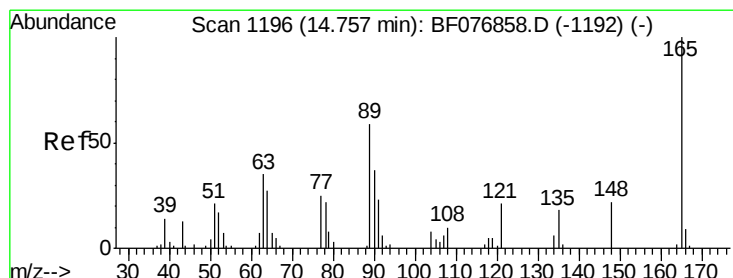
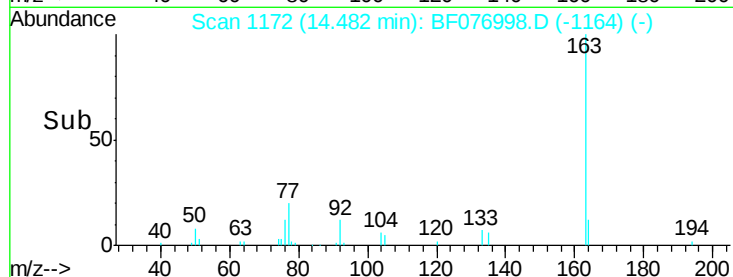
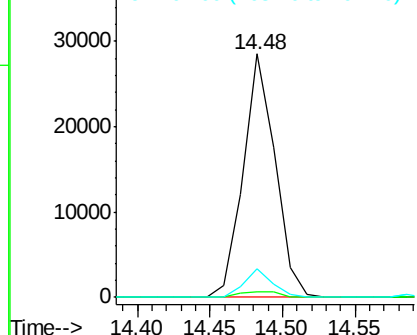
#49
Dimethylphthalate
Concen: 10.40 ng
RT: 14.48 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampleId :
8024DL

Tot Ion:163 Resp: 43573
Ion Ratio Lower Upper
163 100
194 2.1 2.6 4.0#
164 11.6 7.5 11.3#

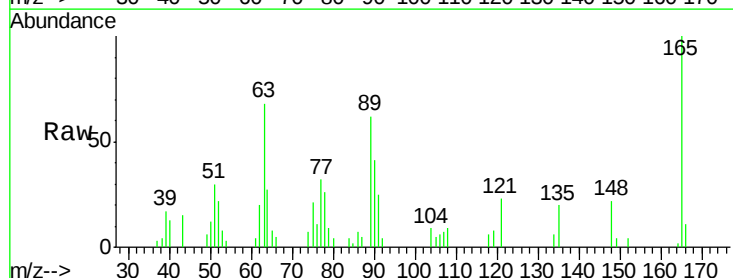


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

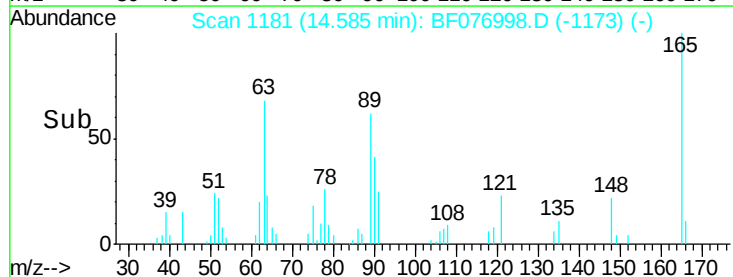
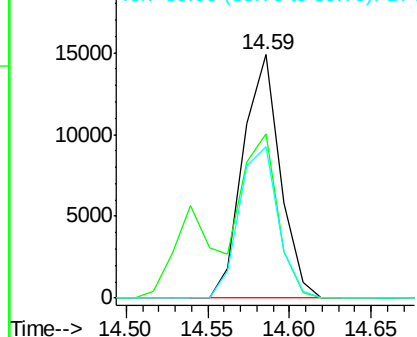


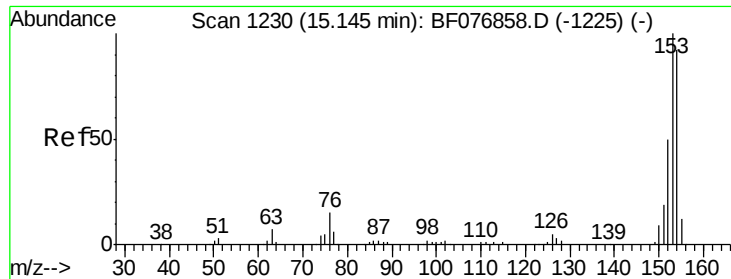
#50
2,6-Dinitrotoluene
Concen: 27.96 ng
RT: 14.59 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:165 Resp: 23396
Ion Ratio Lower Upper
165 100
63 67.5 48.1 72.1
89 62.2 47.2 70.8



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





#51

Acenaphthene

Concen: 19.89 ng

RT: 14.96 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

Instrument :

BNA_F

ClientSampleId :

8024DL

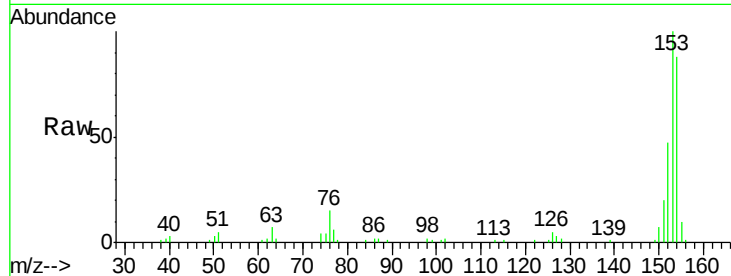
Tot Ion:154 Resp: 68592

Ion Ratio Lower Upper

154 100

153 113.5 87.0 130.6

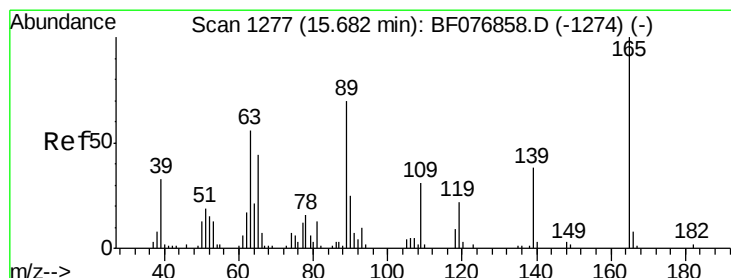
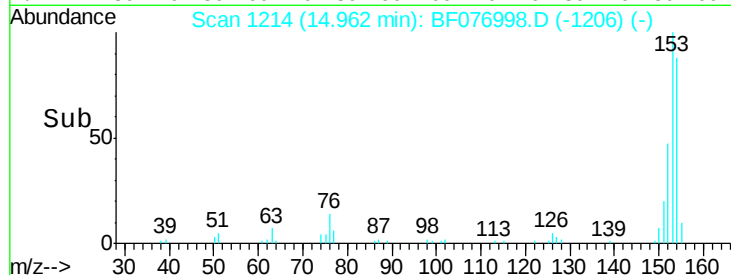
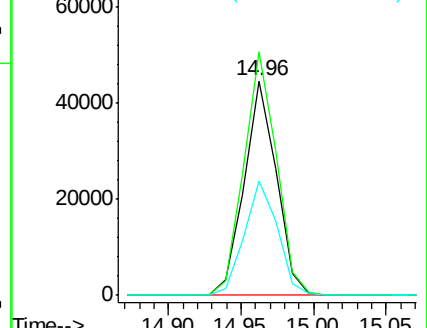
152 53.1 43.5 65.3



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



#55

4-Nitrophenol

Concen: 9.83 ng

RT: 15.56 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

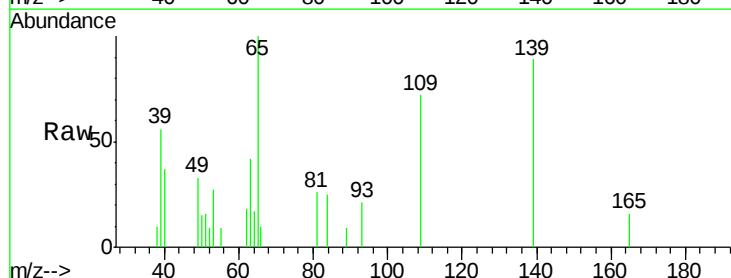
Tgt Ion:139 Resp: 6454

Ion Ratio Lower Upper

139 100

109 81.9 61.0 101.0

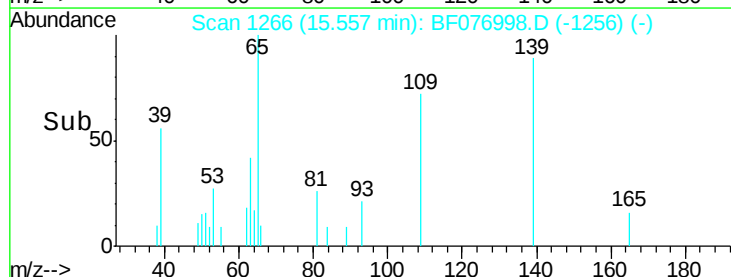
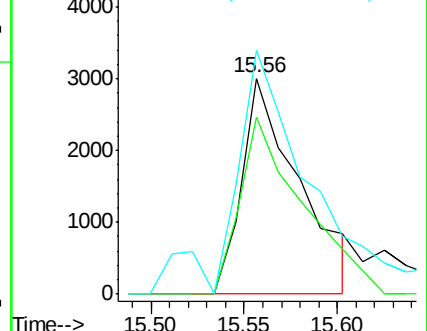
65 113.0 96.6 136.6

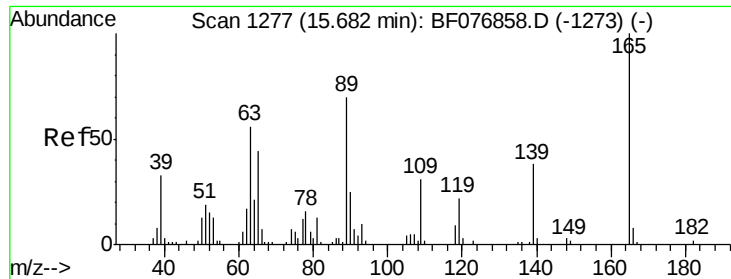


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

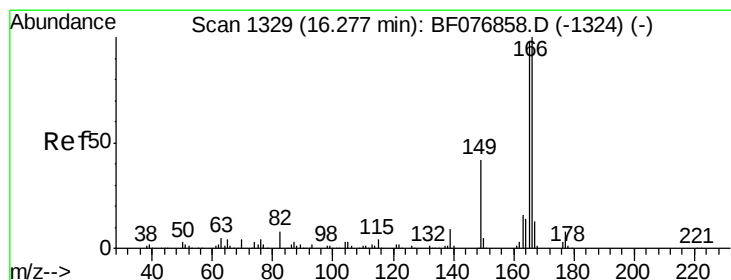
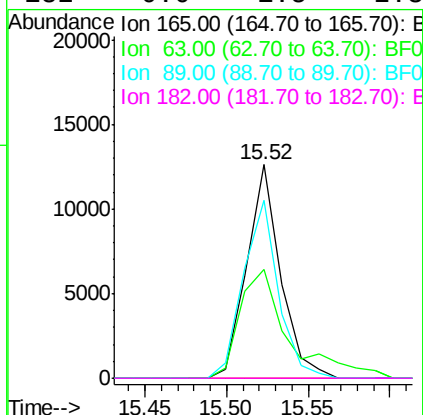
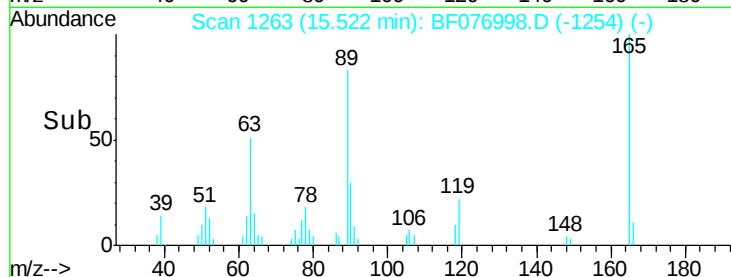
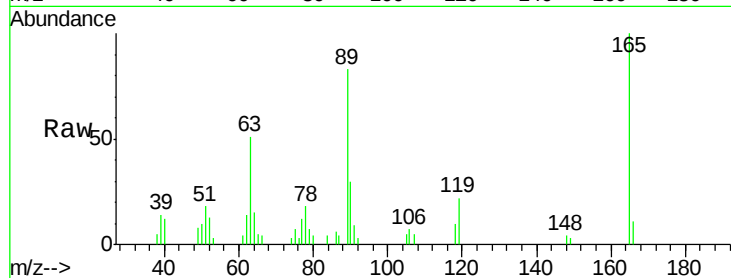




#56
2,4-Dinitrotoluene
Concen: 15.93 ng
RT: 15.52 min Scan# 1263
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

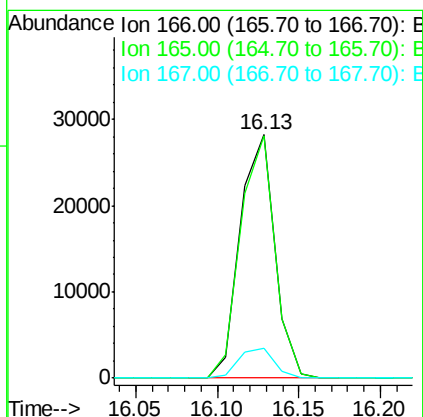
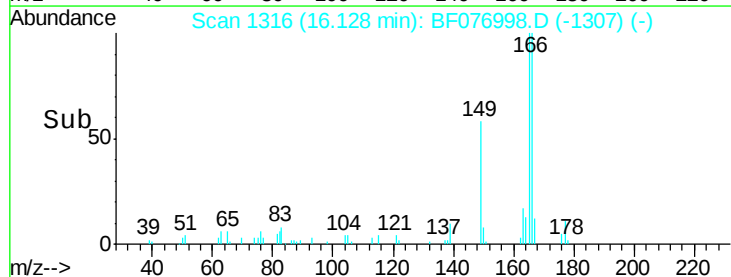
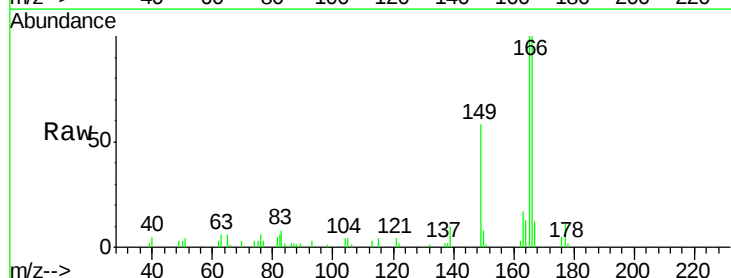
Instrument :
BNA_F
ClientSampleId :
8024DL

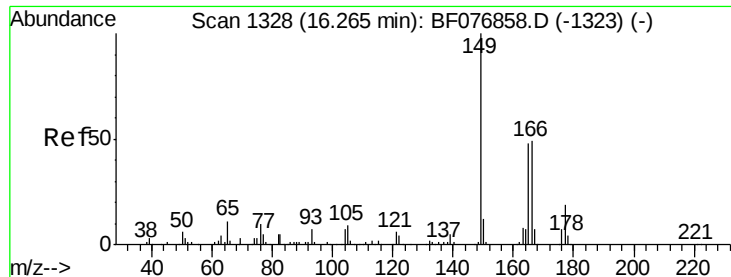
Tot Ion:	165	Resp:	18136
Ion	Ratio	Lower	Upper
165	100		
63	50.8	44.8	67.2
89	83.3	56.2	84.2
182	0.0	1.5	2.3#



#57
Fluorene
Concen: 9.73 ng
RT: 16.13 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:	166	Resp:	41386
Ion	Ratio	Lower	Upper
166	100		
165	99.8	78.5	117.7
167	12.2	10.4	15.6





#59

Diethylphthalate

Concen: 16.03 ng

RT: 16.12 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

Instrument :

BNA_F

ClientSampleId :

8024DL

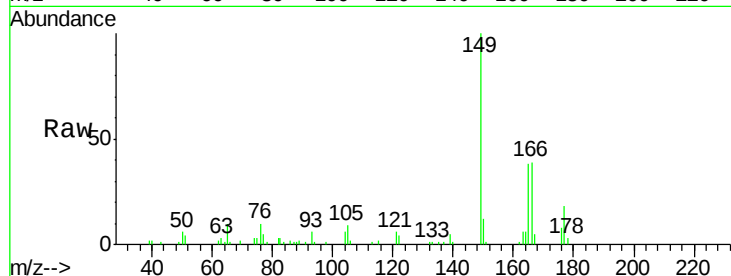
Tot Ion:149 Resp: 67869

Ion Ratio Lower Upper

149 100

177 17.7 15.0 22.6

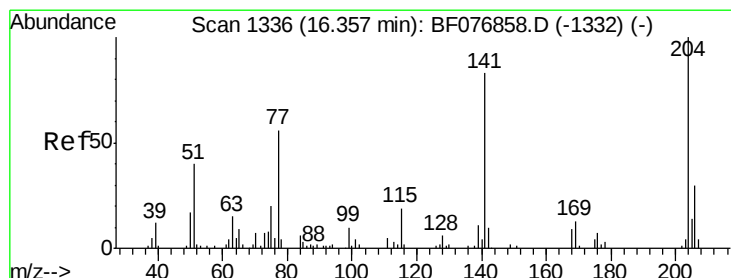
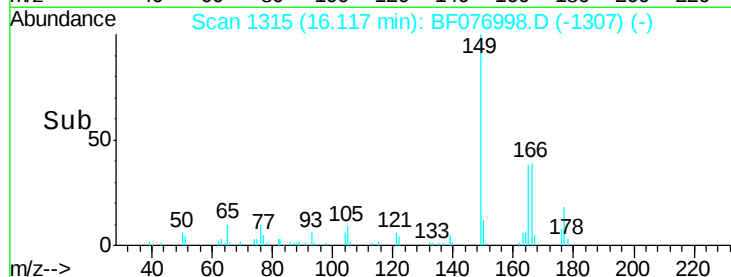
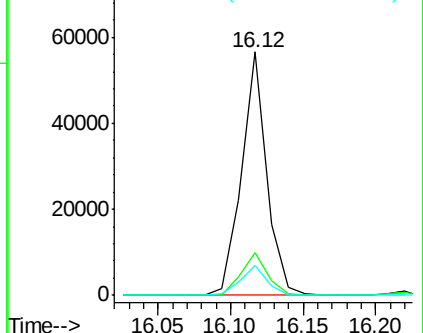
150 12.3 9.4 14.0



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: 33.17 ng

RT: 16.22 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

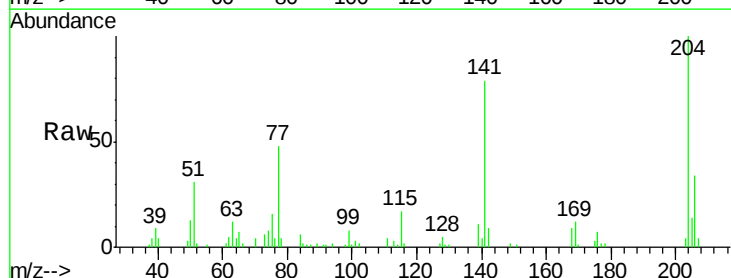
Tgt Ion:204 Resp: 57749

Ion Ratio Lower Upper

204 100

206 34.3 24.2 36.2

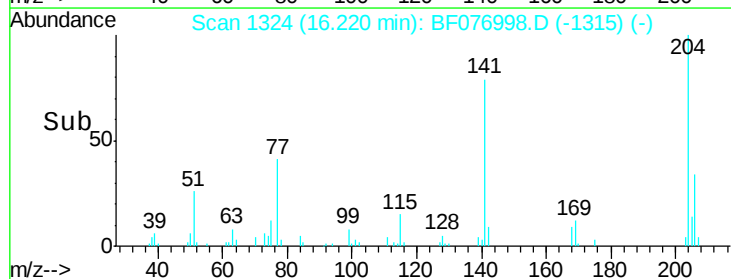
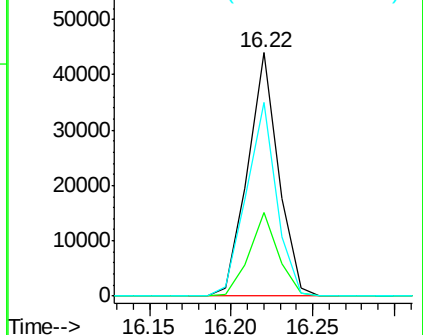
141 79.4 66.7 100.1

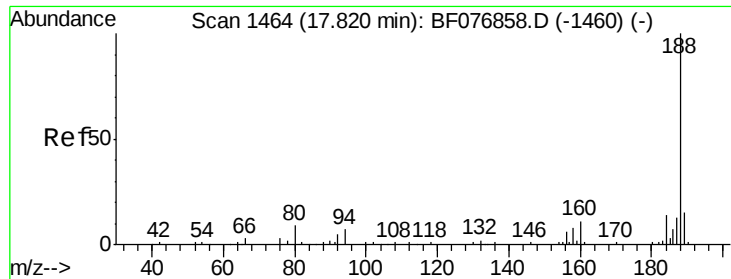


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

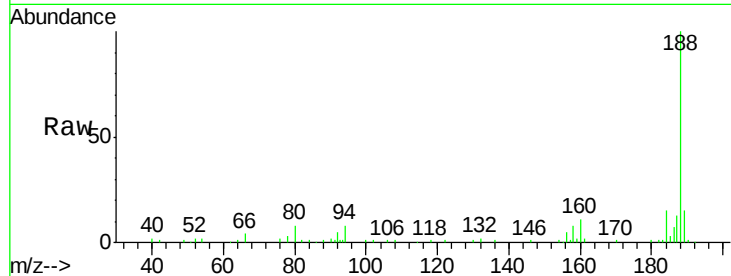




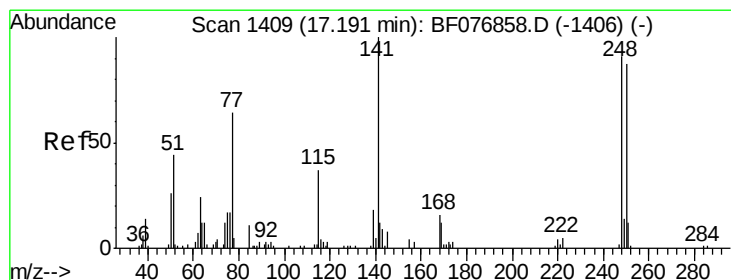
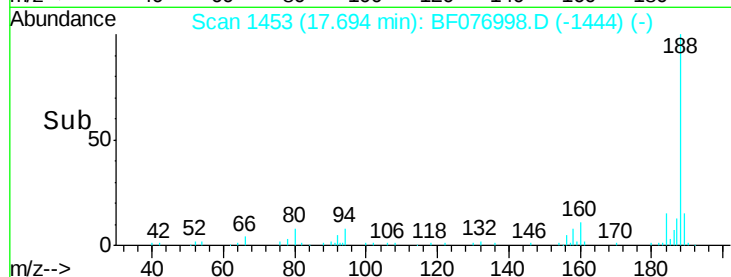
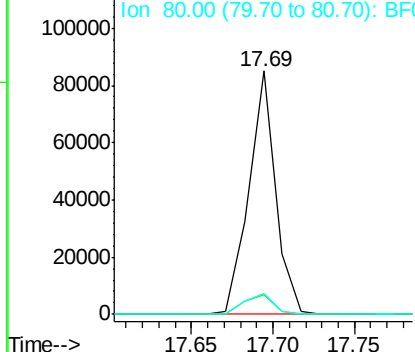
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.69 min Scan# 1453
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Instrument :
 BNA_F
 ClientSampleID :
 8024DL

Tot Ion:188 Resp: 96392
 Ion Ratio Lower Upper
 188 100
 94 7.9 6.0 9.0
 80 8.5 6.9 10.3

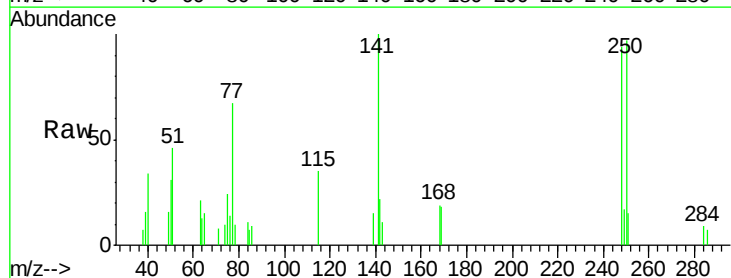


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

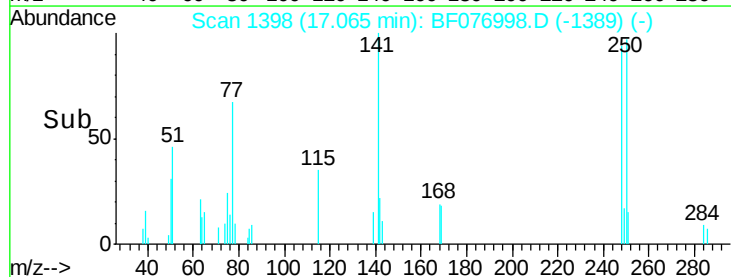
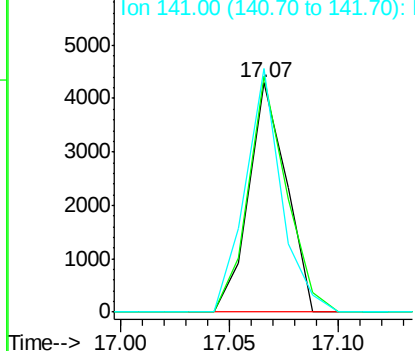


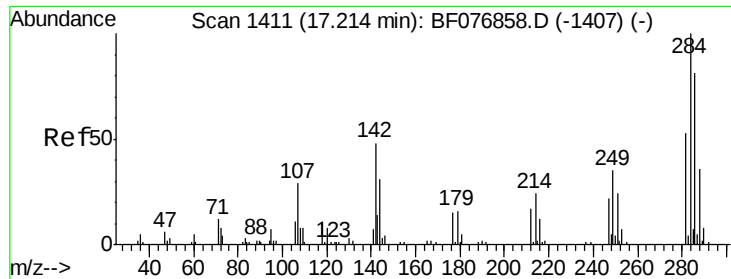
#66
 4-Bromophenyl-phenylether
 Concen: 5.30 ng
 RT: 17.07 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:248 Resp: 5180
 Ion Ratio Lower Upper
 248 100
 250 103.1 77.1 115.7
 141 106.3 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

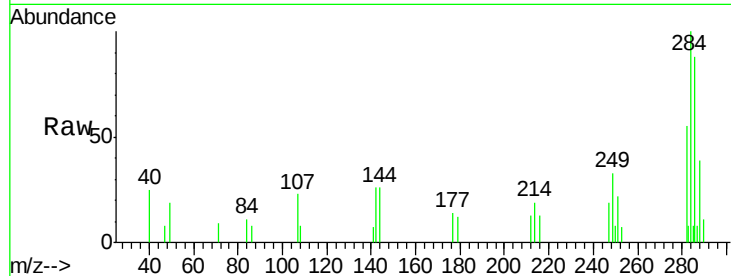




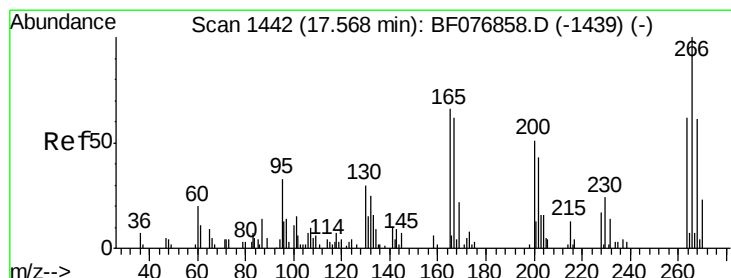
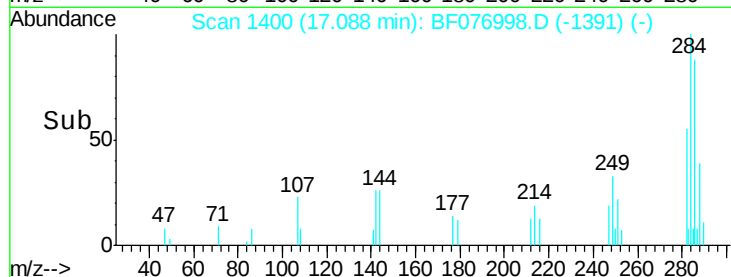
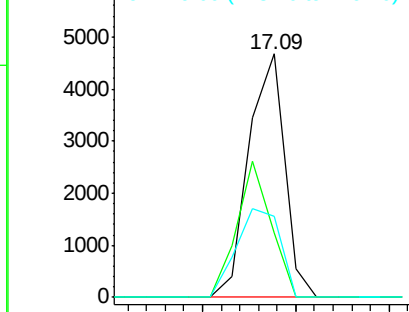
#67
Hexachlorobenzene
Concen: 6.06 ng
RT: 17.09 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampleId :
8024DL

Tot Ion:284 Resp: 6236
Ion Ratio Lower Upper
284 100
142 26.4 38.2 57.4#
249 33.4 28.2 42.2

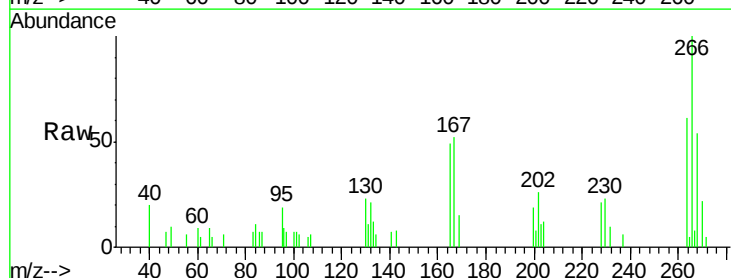


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

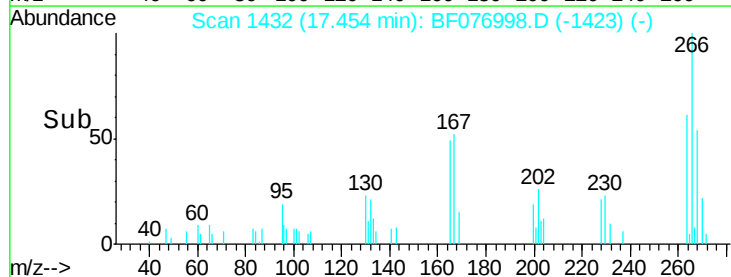
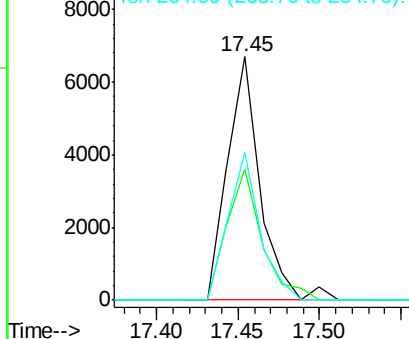


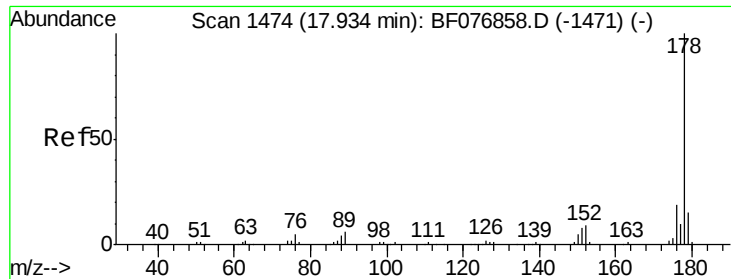
#69
Pentachlorophenol
Concen: 24.74 ng
RT: 17.45 min Scan# 1432
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:266 Resp: 9212
Ion Ratio Lower Upper
266 100
268 53.8 48.6 72.8
264 60.6 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

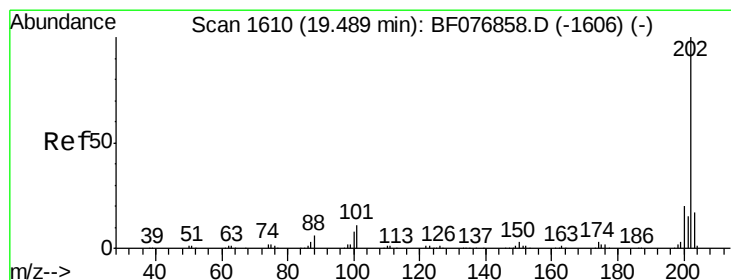
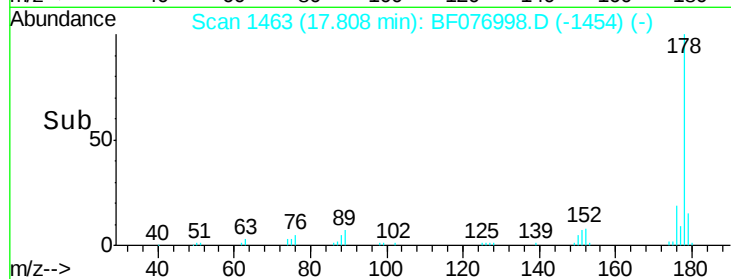
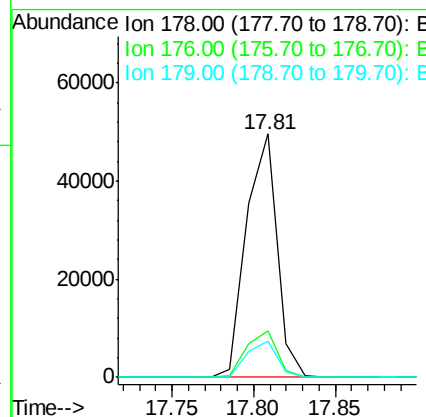
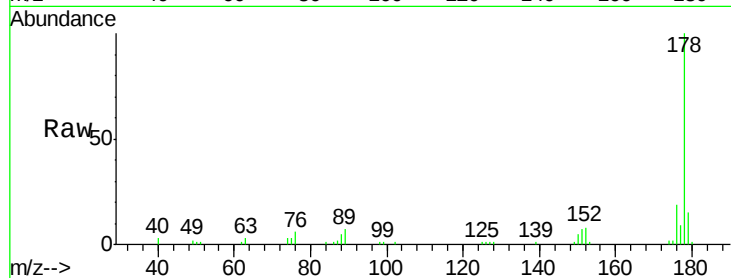




#71
 Anthracene
 Concen: 11.03 ng
 RT: 17.81 min Scan# 1463
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

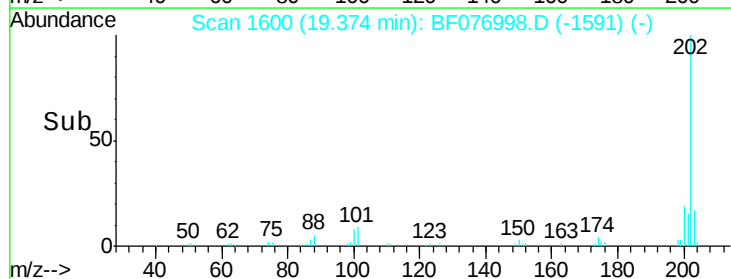
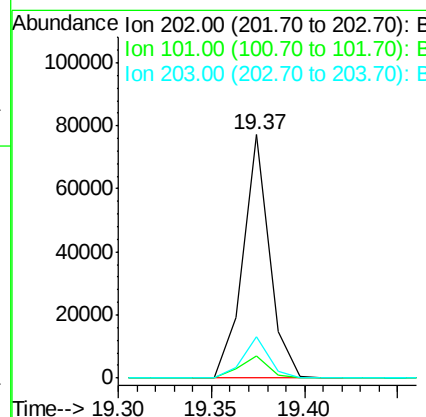
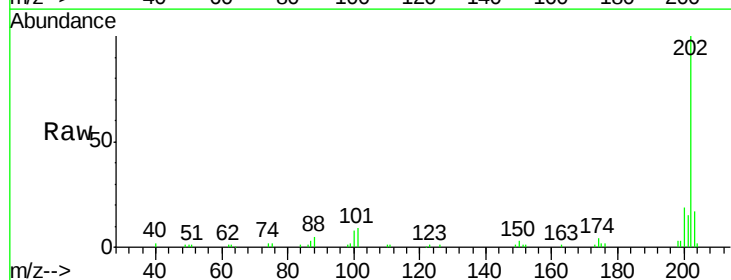
Instrument :
 BNA_F
 ClientSampleId :
 8024DL

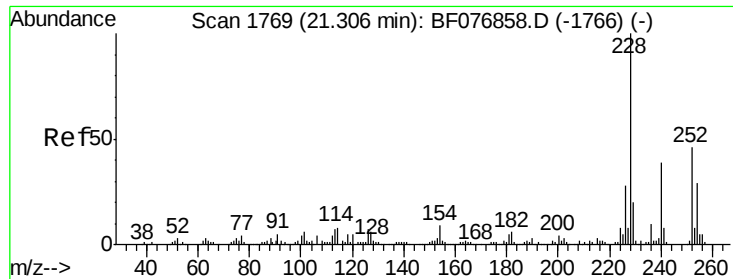
Tot Ion:178 Resp: 64677
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.4 23.0
 179 14.7 11.9 17.9



#74
 Fluoranthene
 Concen: 12.46 ng
 RT: 19.37 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:202 Resp: 76724
 Ion Ratio Lower Upper
 202 100
 101 8.9 0.0 30.7
 203 16.8 0.0 36.9

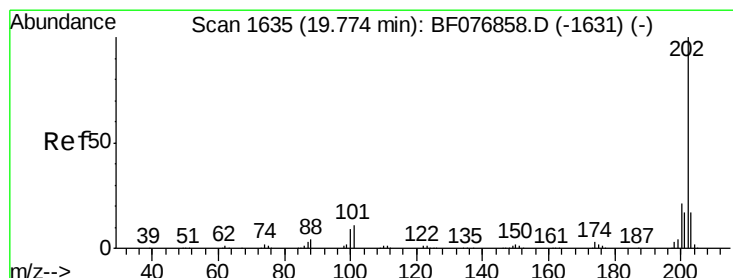
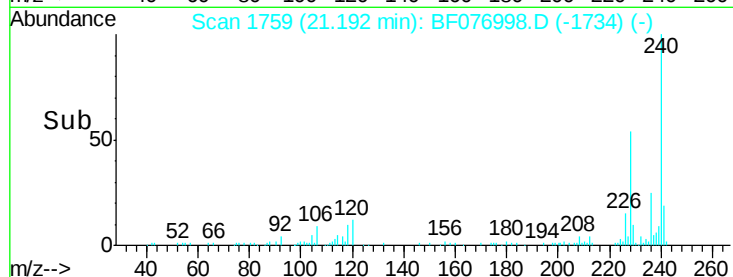
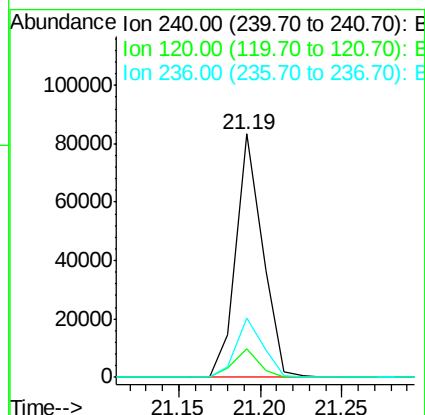
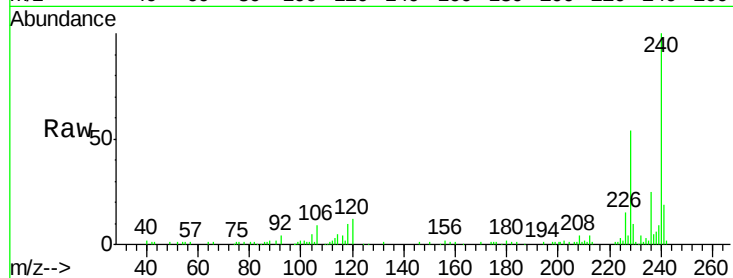




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.19 min Scan# 1759
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

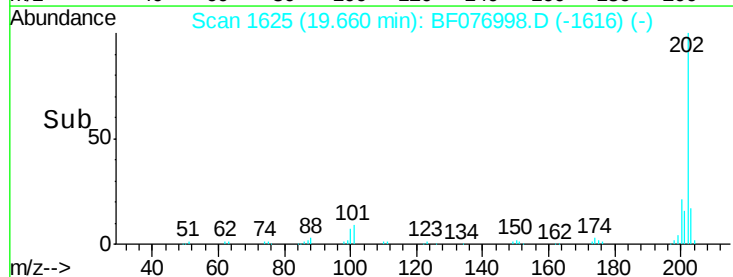
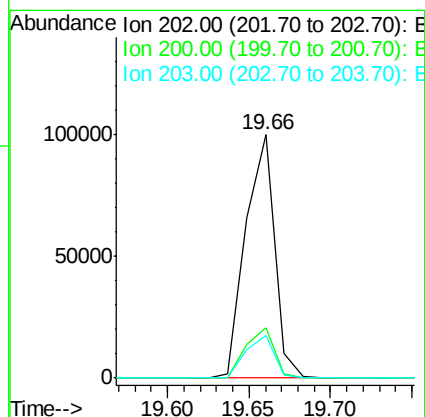
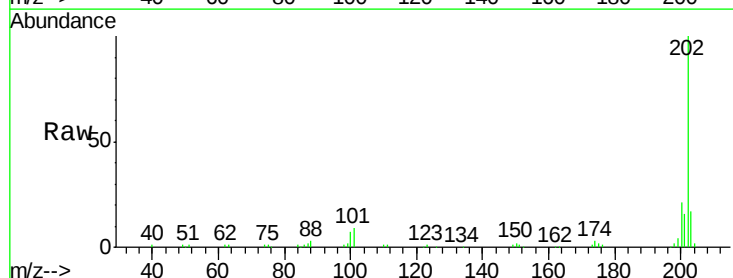
Instrument :
BNA_F
ClientSampleId :
8024DL

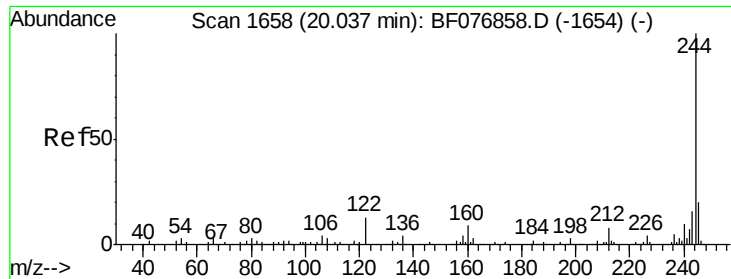
Tot Ion:240 Resp: 94109
Ion Ratio Lower Upper
240 100
120 12.0 10.4 15.6
236 24.5 20.2 30.2



#77
Pyrene
Concen: 19.01 ng
RT: 19.66 min Scan# 1625
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:202 Resp: 122610
Ion Ratio Lower Upper
202 100
200 20.6 16.7 25.1
203 17.3 14.0 21.0





#78

Terphenyl-d14

Concen: 9.63 ng

RT: 19.92 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

Instrument :

BNA_F

ClientSampleId :

8024DL

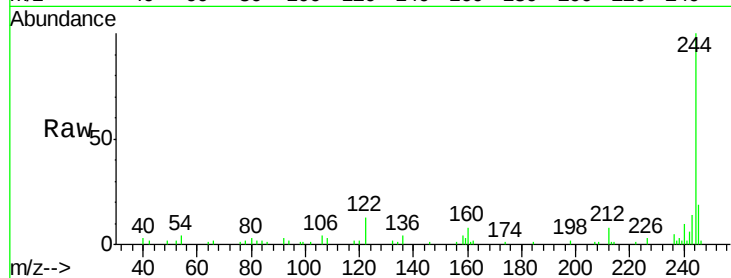
Tot Ion:244 Resp: 39379

Ion Ratio Lower Upper

244 100

212 8.3 6.3 9.5

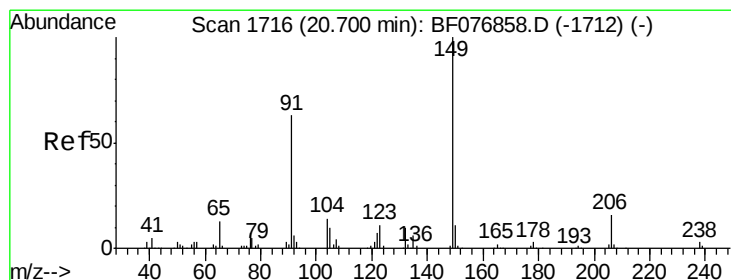
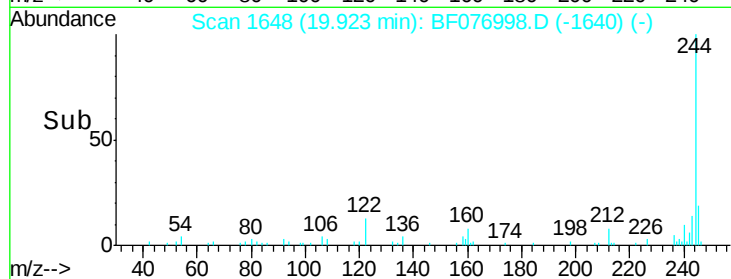
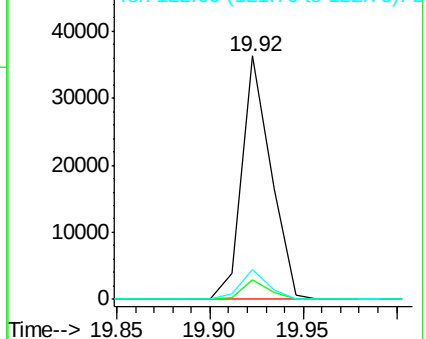
122 12.5 10.1 15.1



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: 21.96 ng

RT: 20.59 min Scan# 1706

Delta R.T. -0.00 min

Lab File: BF076998.D

Acq: 21 Jan 2015 15:32

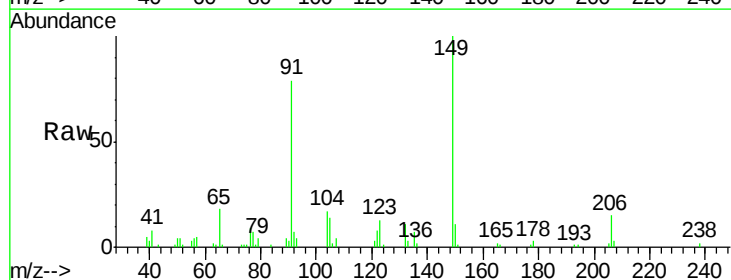
Tgt Ion:149 Resp: 64150

Ion Ratio Lower Upper

149 100

91 78.8 50.6 76.0#

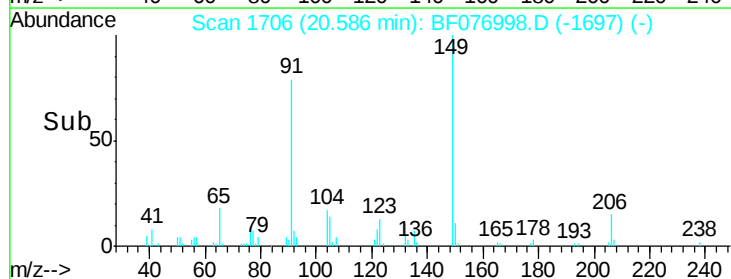
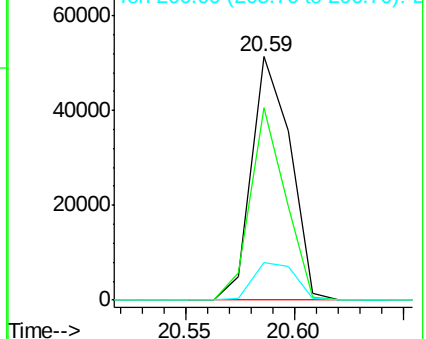
206 15.3 12.8 19.2

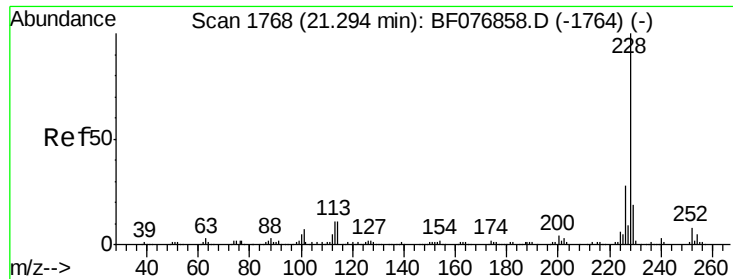


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

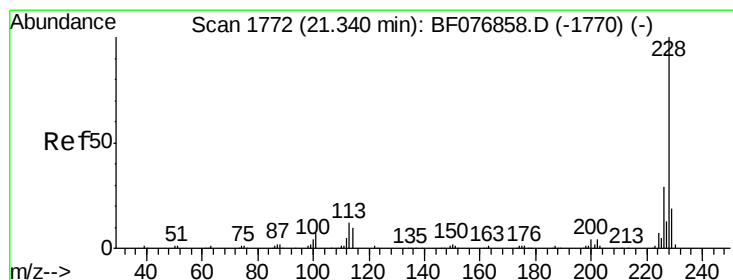
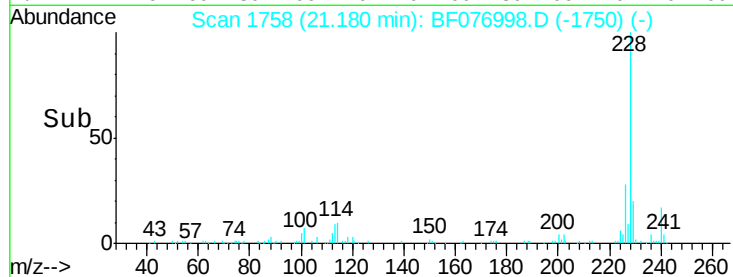
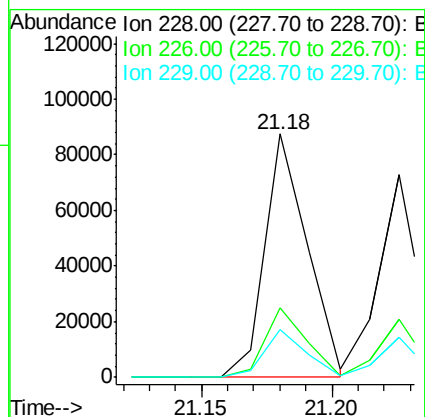
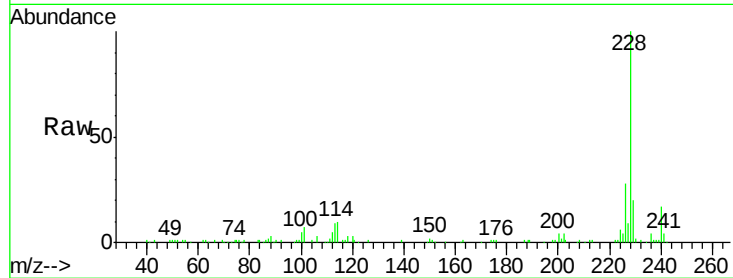




#80
Benzo(a)anthracene
Concen: 16.88 ng
RT: 21.18 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

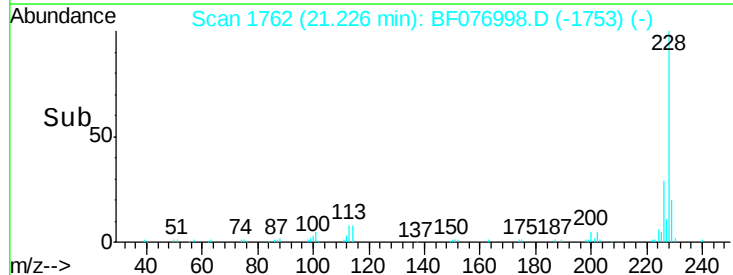
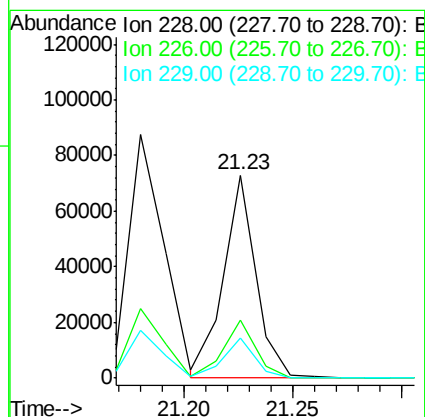
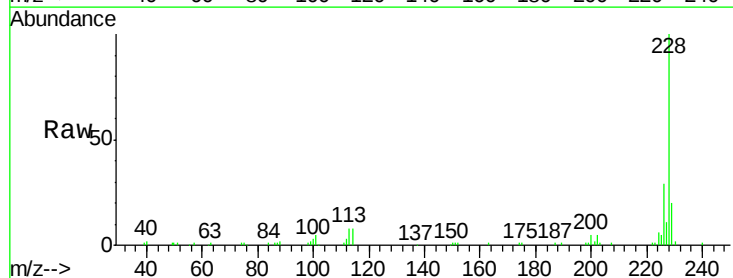
Instrument :
BNA_F
ClientSampled :
8024DL

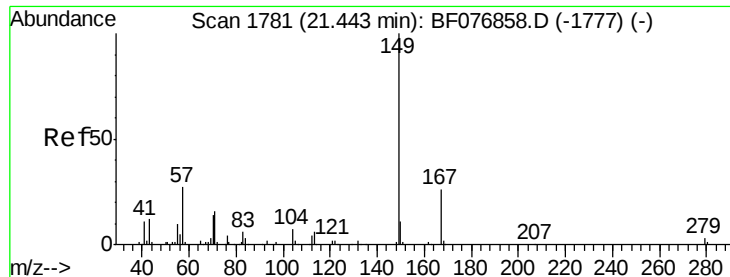
Tot Ion:228 Resp: 99643
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 19.6 15.5 23.3



#82
Chrysene
Concen: 14.06 ng
RT: 21.23 min Scan# 1762
Delta R.T. -0.00 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:228 Resp: 75715
Ion Ratio Lower Upper
228 100
226 28.7 23.4 35.0
229 19.8 15.4 23.0

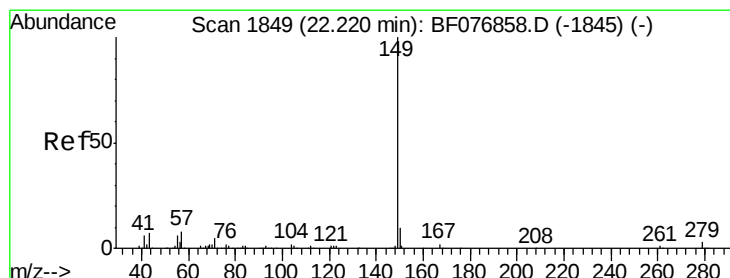
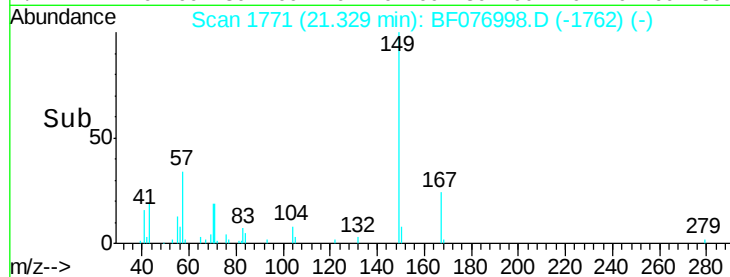
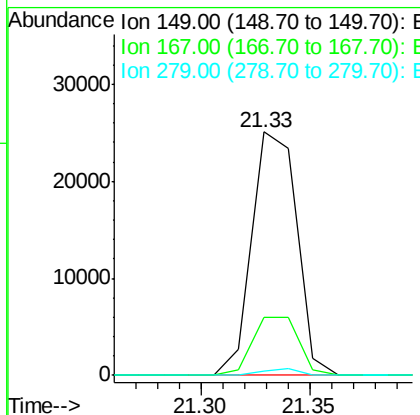
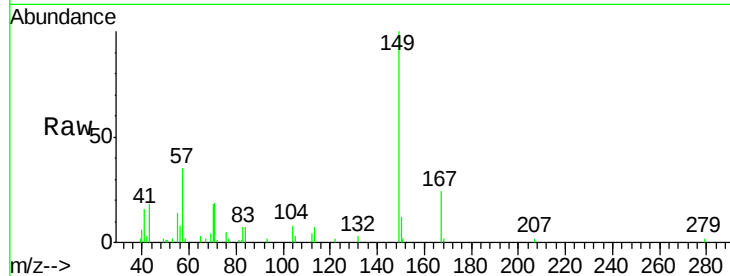




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 8.98 ng
 RT: 21.33 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

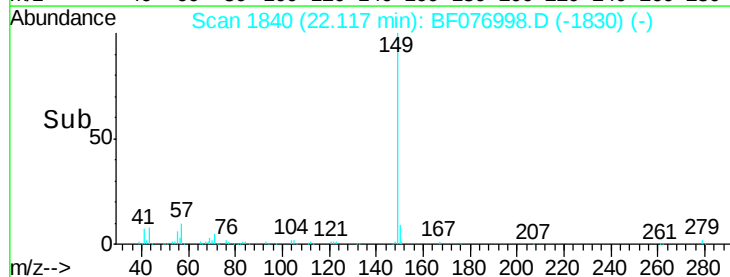
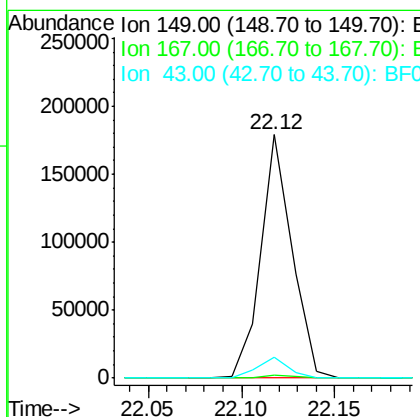
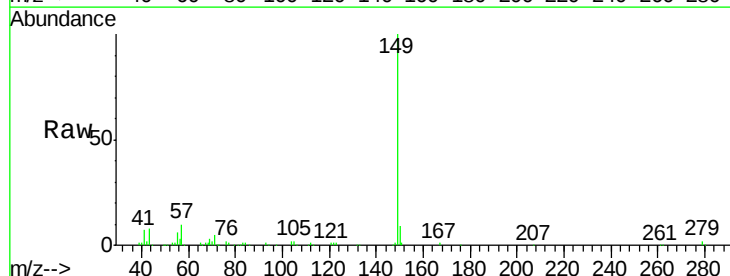
Instrument :
 BNA_F
 ClientSampleId :
 8024DL

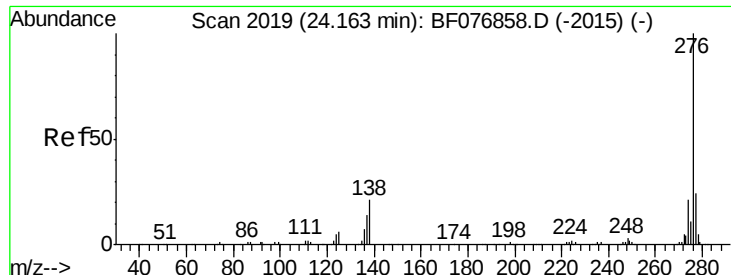
Tot Ion:149 Resp: 36282
 Ion Ratio Lower Upper
 149 100
 167 23.6 20.6 30.8
 279 1.6 2.2 3.2#



#84
 Di-n-octyl phthalate
 Concen: 29.69 ng
 RT: 22.12 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF076998.D
 Acq: 21 Jan 2015 15:32

Tgt Ion:149 Resp: 208246
 Ion Ratio Lower Upper
 149 100
 167 1.4 1.1 1.7
 43 8.8 6.6 10.0

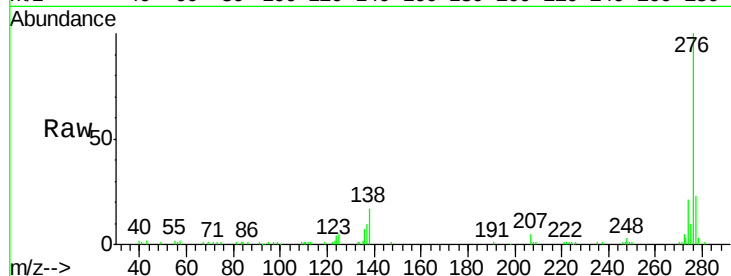




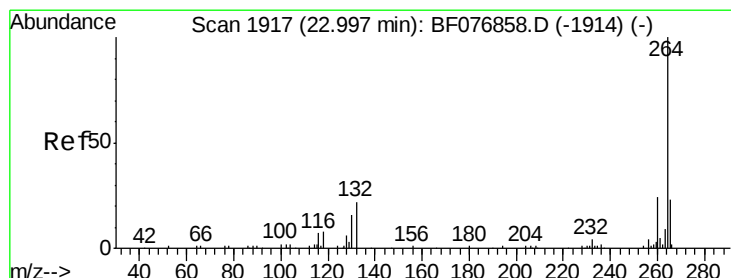
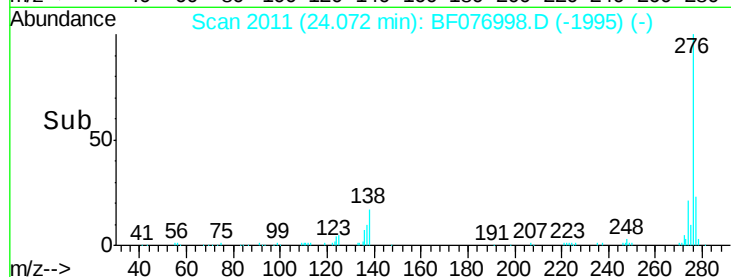
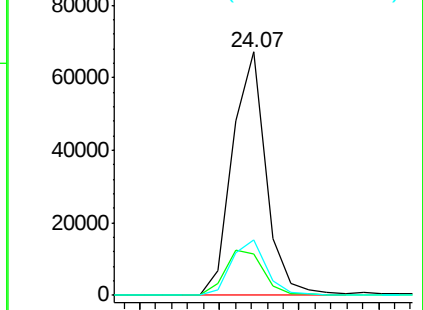
#85
Indeno(1,2,3-cd)pyrene
Concen: 17.34 ng/mL
RT: 24.07 min Scan# 2011
Delta R.T. 0.08 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampleId :
8024DL

Tot Ion:276 Resp: 98936
Ion Ratio Lower Upper
276 100
138 0.0 14.6 22.0#
277 0.0 14.8 22.2#

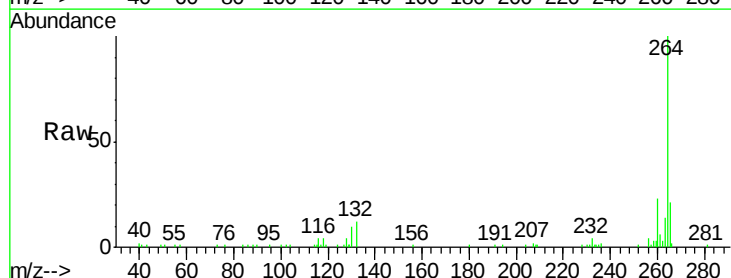


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

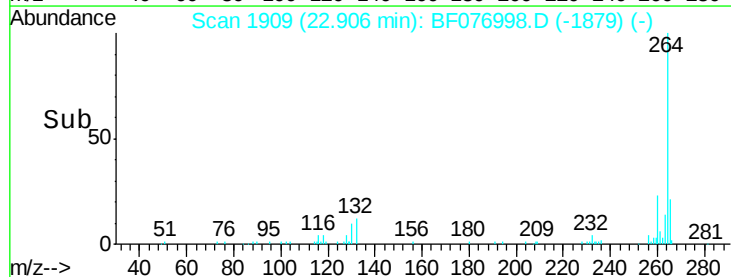
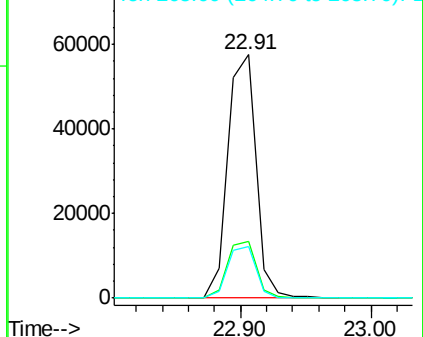


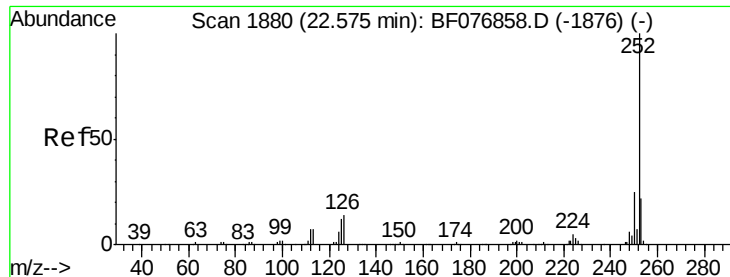
#86
Perylene-d12
Concen: 20.00 ng
RT: 22.91 min Scan# 1909
Delta R.T. 0.05 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:264 Resp: 86355
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 21.3 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

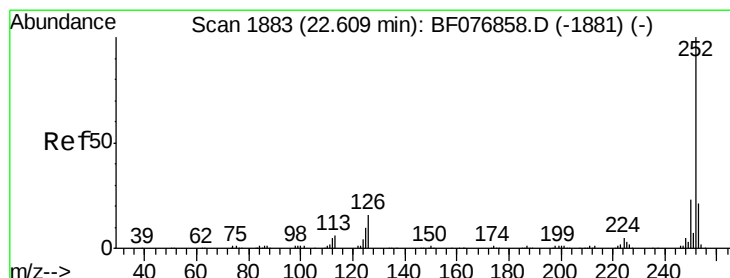
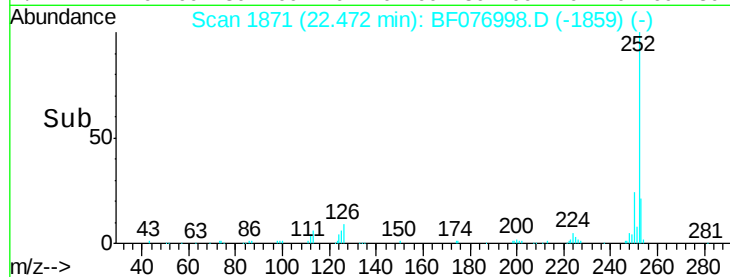
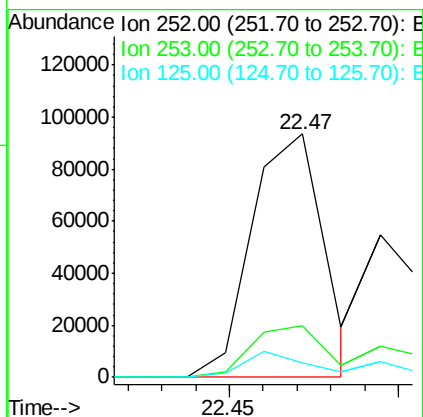
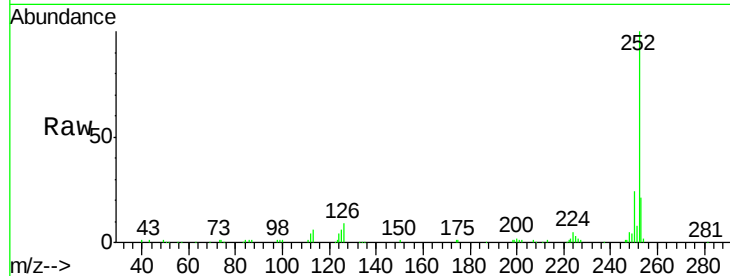




#87
Benzo(b)fluoranthene
Concen: 23.95 ng m
RT: 22.47 min Scan# 1871
Delta R.T. 0.03 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

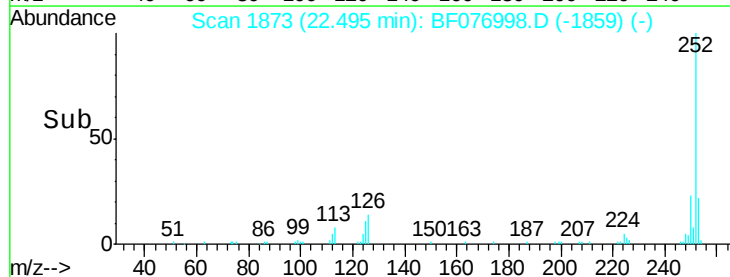
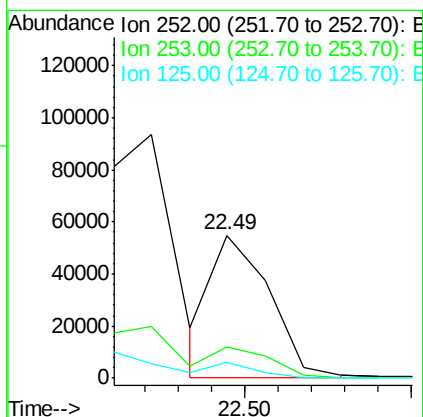
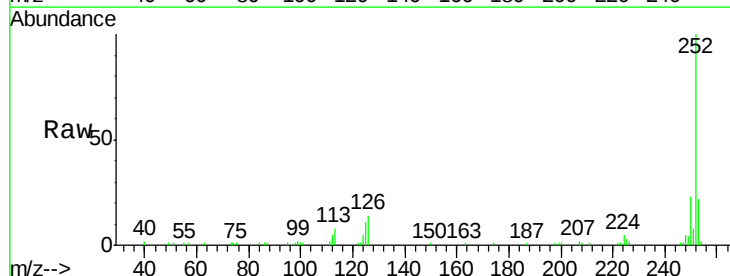
Instrument :
BNA_F
ClientSampleId :
8024DL

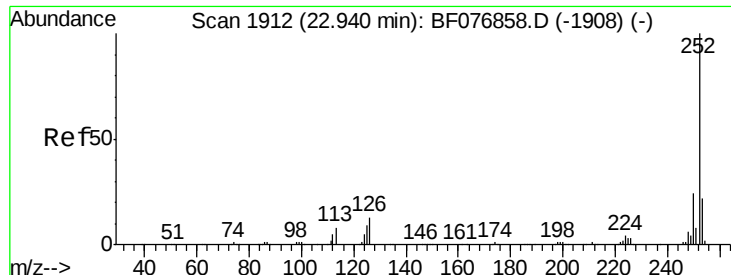
Tot Ion:252 Resp: 139292
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 6.2 9.4 14.0#



#88
Benzo(k)fluoranthene
Concen: 13.20 ng m
RT: 22.49 min Scan# 1873
Delta R.T. 0.06 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:252 Resp: 67062
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 10.8 7.1 10.7#

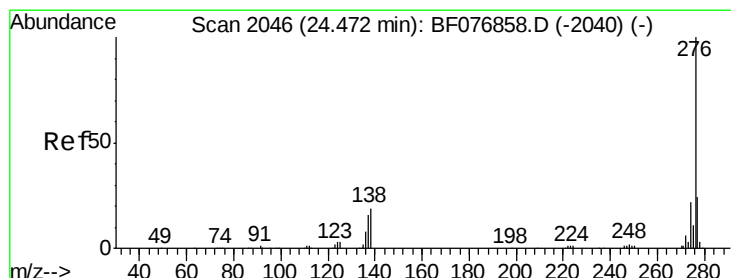
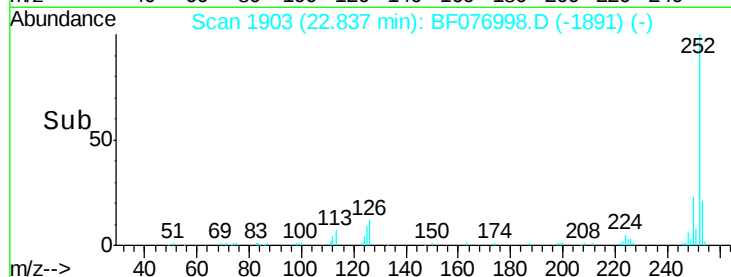
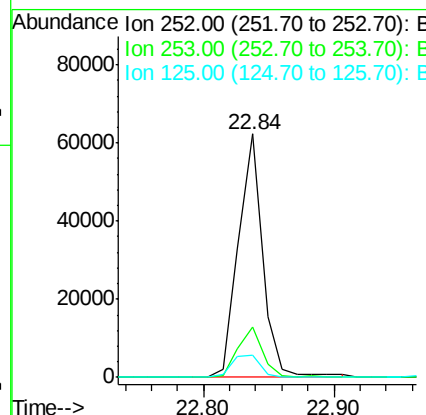
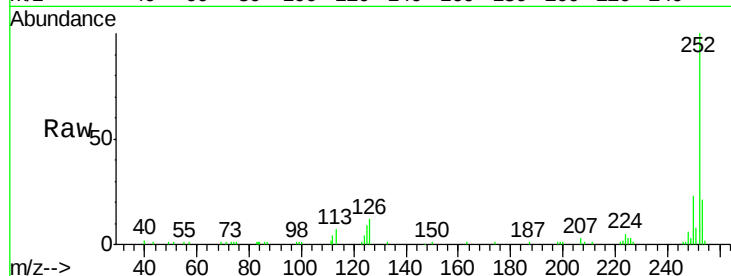




#89
Benzo(a)pyrene
Concen: 15.66 ng
RT: 22.84 min Scan# 1903
Delta R.T. 0.03 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Instrument :
BNA_F
ClientSampleId :
8024DL

Tot Ion:252 Resp: 80343
Ion Ratio Lower Upper
252 100
253 20.6 17.9 26.9
125 9.2 7.2 10.8



#91
Benzo(g,h,i)perylene
Concen: 26.58 ng
RT: 24.36 min Scan# 2036
Delta R.T. 0.08 min
Lab File: BF076998.D
Acq: 21 Jan 2015 15:32

Tgt Ion:276 Resp: 124403
Ion Ratio Lower Upper
276 100
277 22.8 19.5 29.3
138 20.4 15.0 22.6

