

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011515\
 Data File : BF076898.D
 Acq On : 16 Jan 2015 1:15
 Operator : IZ / TP
 Sample : G1079-02
 Misc : W
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-SPENT-SORBENT-67

Quant Time: Jan 16 11:28:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 15 11:52:04 2015
 Response via : Initial Calibration

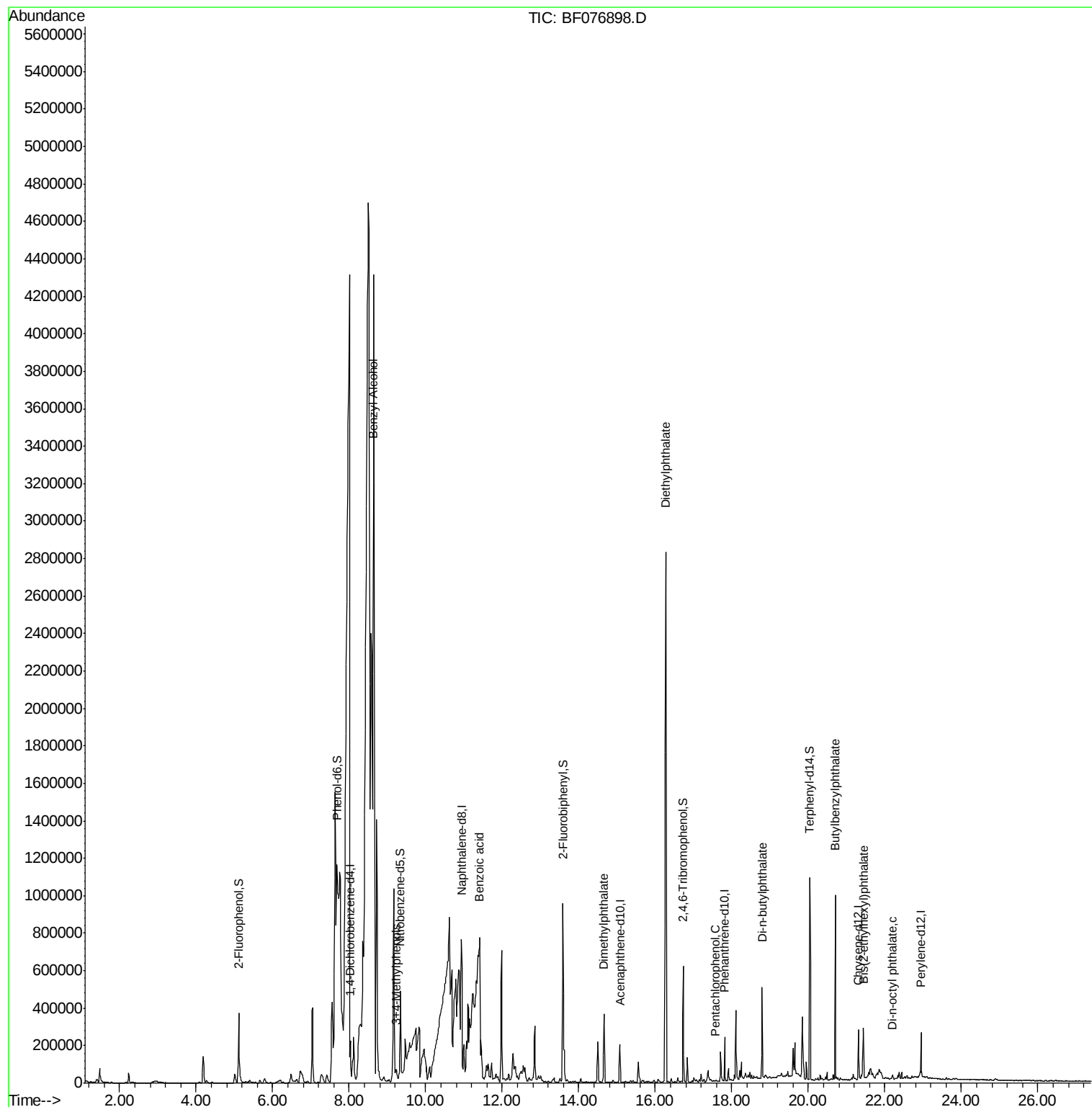
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	32079	20.00	ng	0.01
21) Naphthalene-d8	10.94	136	132053	20.00	ng	0.01
38) Acenaphthene-d10	15.08	164	69649	20.00	ng	0.00
63) Phenanthrene-d10	17.82	188	116255	20.00	ng	0.00
75) Chrysene-d12	21.31	240	111533	20.00	ng	0.00
86) Perylene-d12	22.95	264	108804	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	251141	128.72	ng	0.02
7) Phenol-d6	7.68	99	292777m	118.95	ng	0.26
23) Nitrobenzene-d5	9.34	82	218795	91.79	ng	0.02
41) 2,4,6-Tribromophenol	16.73	330	81451	144.07	ng	0.01
44) 2-Fluorobiphenyl	13.59	172	434423	94.92	ng	0.00
78) Terphenyl-d14	20.04	244	424470	87.62	ng	0.00
Target Compounds						Qvalue
15) Benzyl Alcohol	8.63	79	1015733	509.99	ng	98
20) 3+4-Methylphenols	9.22	107	27263	11.20	ng	93
32) Benzoic acid	11.41	122	544431m	523.34	ng	
49) Dimethylphthalate	14.65	163	276355	55.95	ng	98
59) Diethylphthalate	16.28	149	2383710	477.50	ng	97
69) Pentachlorophenol	17.58	266	767	8.14	ng	# 80
73) Di-n-butylphthalate	18.79	149	269581	33.96	ng	99
79) Butylbenzylphthalate	20.70	149	270480	78.13	ng	92
83) Bis(2-ethylhexyl)phthalate	21.44	149	153816	32.11	ng	96
84) Di-n-octyl phthalate	22.20	149	22226	2.67	ng	# 73

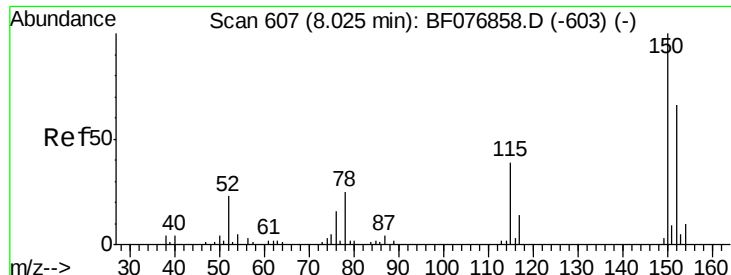
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jan 15 11:52:04 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 608

Delta R.T. 0.01 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

WC-SPENT-SORBENT-67

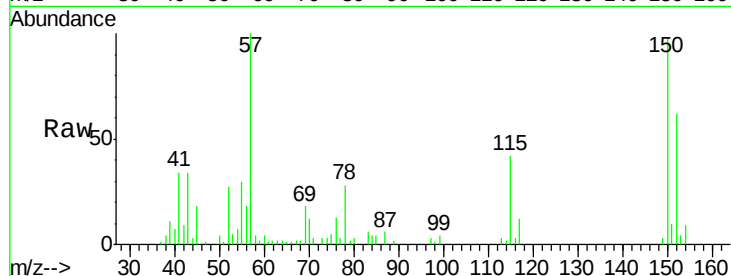
Tot Ion:152 Resp: 32079

Ion Ratio Lower Upper

152 100

150 157.6 121.7 182.5

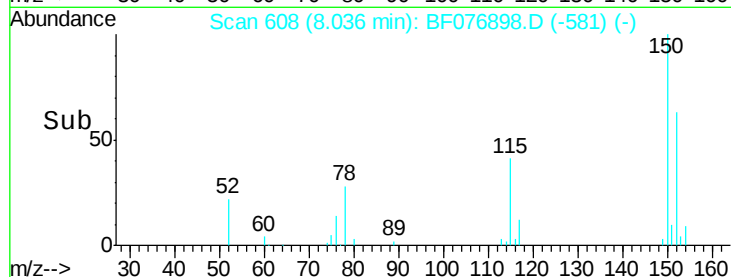
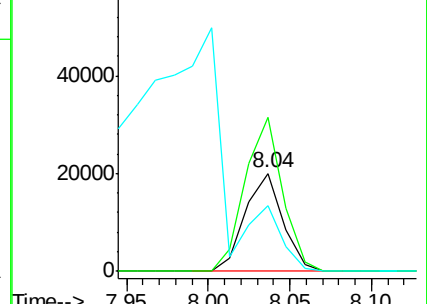
115 67.1 47.0 70.6



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: 128.72 ng

RT: 5.11 min Scan# 352

Delta R.T. 0.02 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

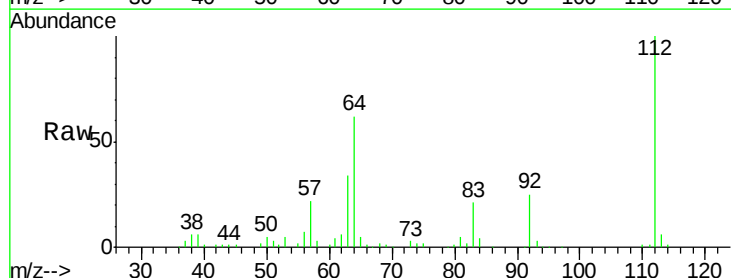
Tgt Ion:112 Resp: 251141

Ion Ratio Lower Upper

112 100

64 62.4 54.2 81.4

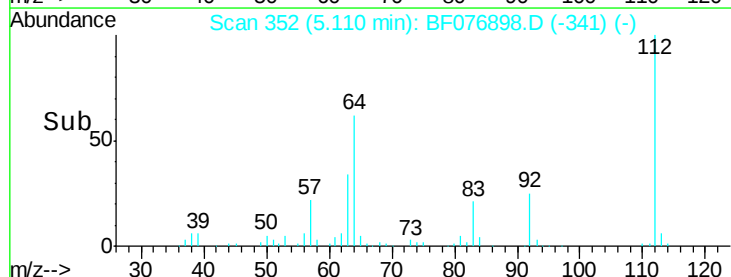
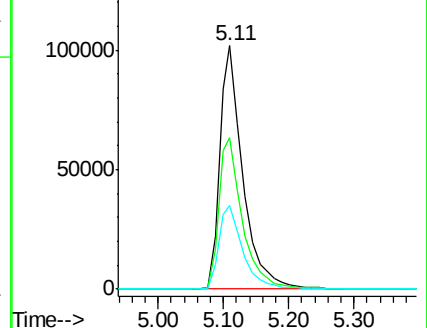
63 34.5 28.4 42.6

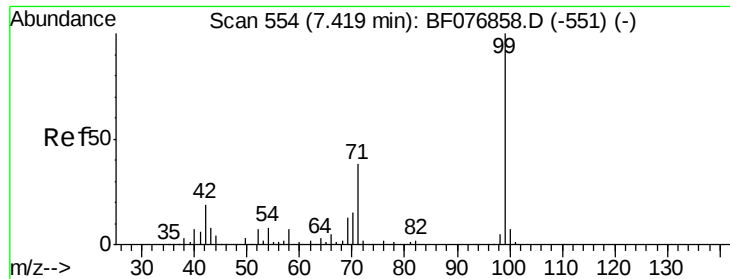


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 118.95 ng/mL

RT: 7.68 min Scan# 577

Delta R.T. 0.26 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

WC-SPENT-SORBENT-67

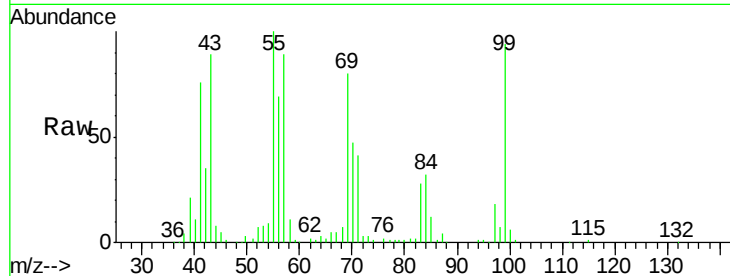
Tot Ion: 99 Resp: 292777

Ion Ratio Lower Upper

99 100

42 37.5 15.0 22.4#

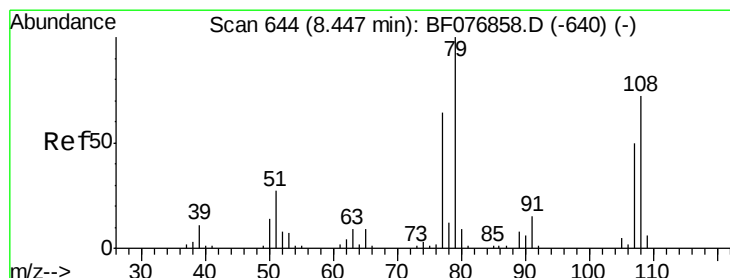
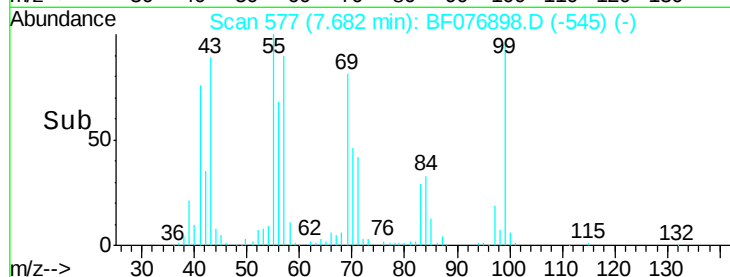
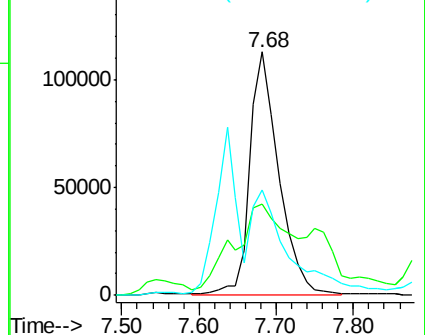
71 43.5 30.5 45.7



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



#15

Benzyl Alcohol

Concen: 509.99 ng/mL

RT: 8.63 min Scan# 660

Delta R.T. 0.18 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

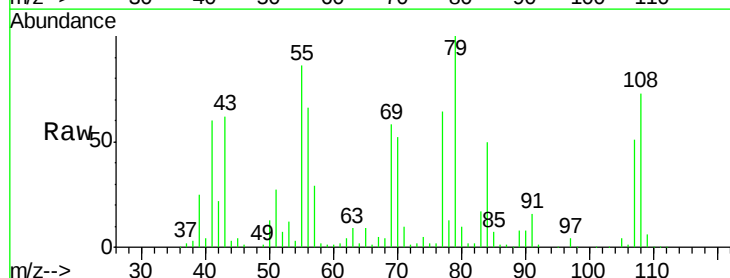
Tgt Ion: 79 Resp: 1015733

Ion Ratio Lower Upper

79 100

108 73.5 57.2 85.8

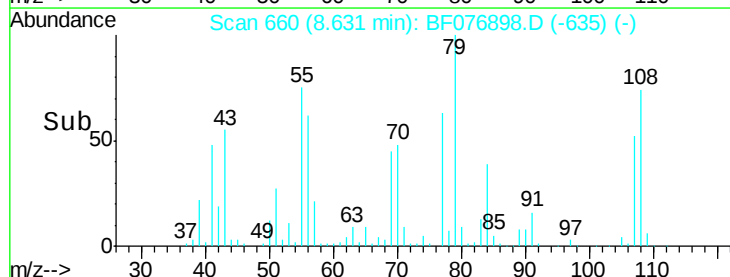
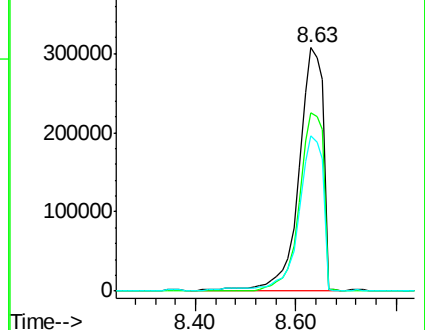
77 63.6 51.2 76.8

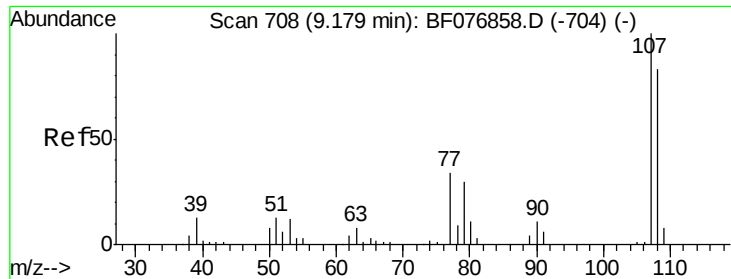


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

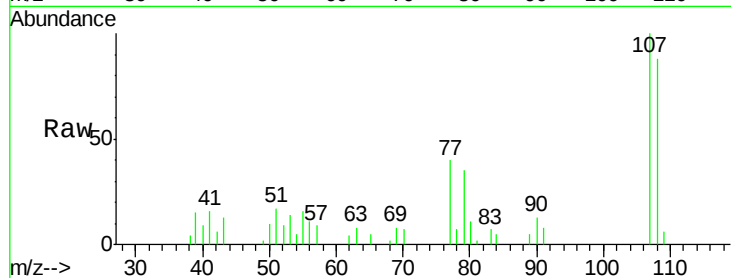




#20
3+4-Methylphenols
Concen: 11.20 ng
RT: 9.22 min Scan# 712
Delta R.T. 0.05 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Instrument :
BNA_F
ClientSampleId :
WC-SPENT-SORBENT-67

Tot Ion:	107	Resp:	27263
Ion	Ratio	Lower	Upper
107	100		
108	88.5	63.5	103.5
77	40.1	14.0	54.0
79	34.6	9.9	49.9



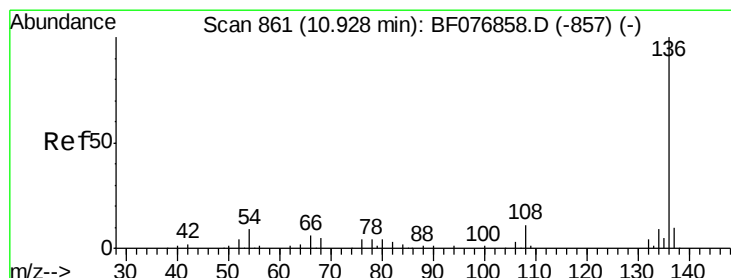
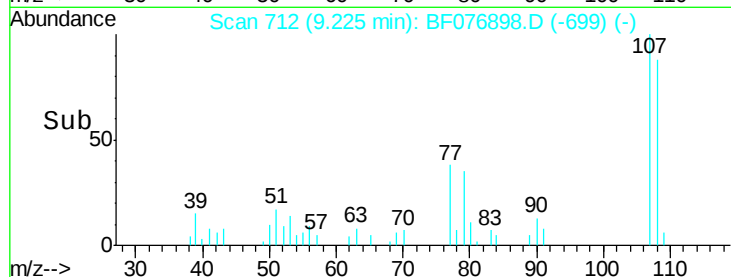
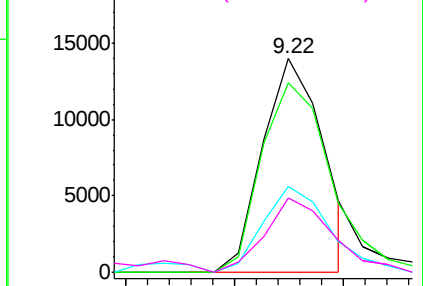
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

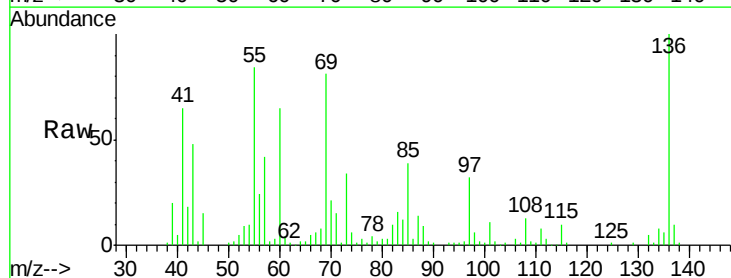
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion:	136	Resp:	132053
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.1	12.1
54	10.0	7.0	10.4
68	8.0	3.7	5.5#



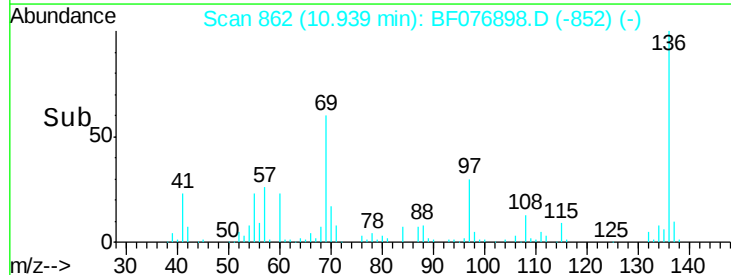
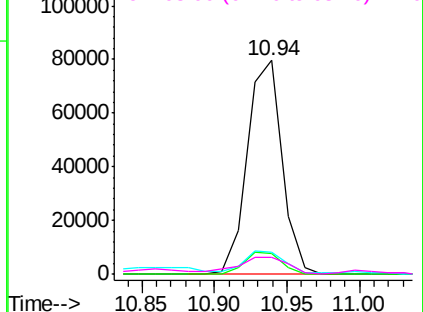
Abundance

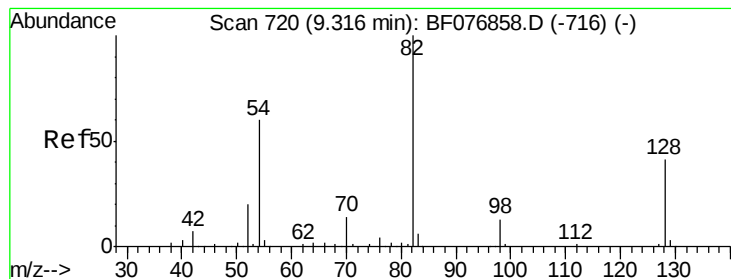
Ion 136.00 (135.70 to 136.70): E

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: 91.79 ng

RT: 9.34 min Scan# 722

Delta R.T. 0.02 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

WC-SPENT-SORBENT-67

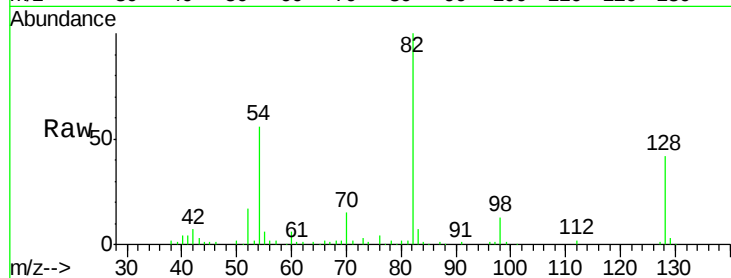
Tot Ion: 82 Resp: 218795

Ion Ratio Lower Upper

82 100

128 42.1 33.1 49.7

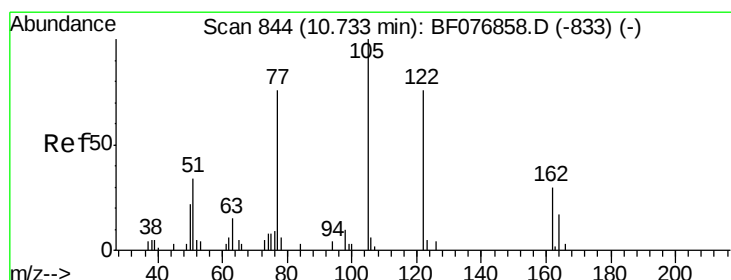
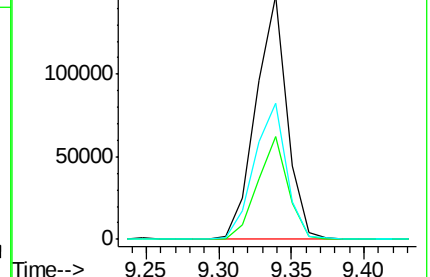
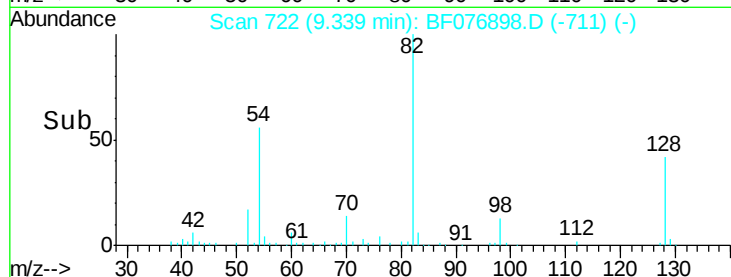
54 56.0 48.3 72.5



Abundance Ion 82.00 (81.70 to 82.70): BF076898.D (-716) (-)

Ion 128.00 (127.70 to 128.70): BF076898.D (-716) (-)

Ion 54.00 (53.70 to 54.70): BF076898.D (-716) (-)



#32

Benzoic acid

Concen: 523.34 ng m

RT: 11.41 min Scan# 903

Delta R.T. 0.67 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

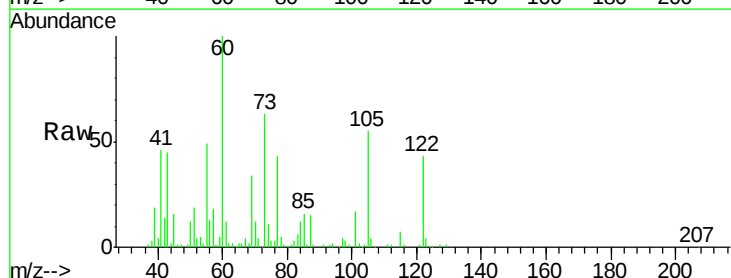
Tgt Ion: 122 Resp: 544431

Ion Ratio Lower Upper

122 100

105 126.6 111.3 151.3

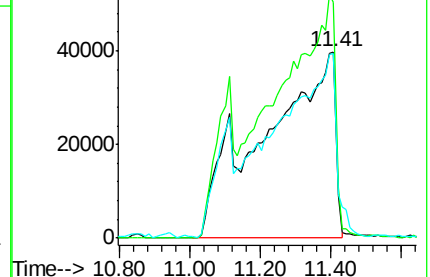
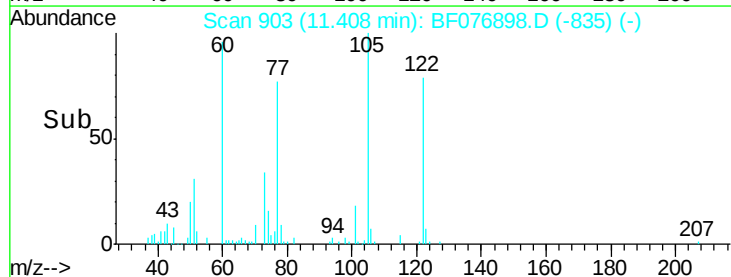
77 99.3 79.2 119.2

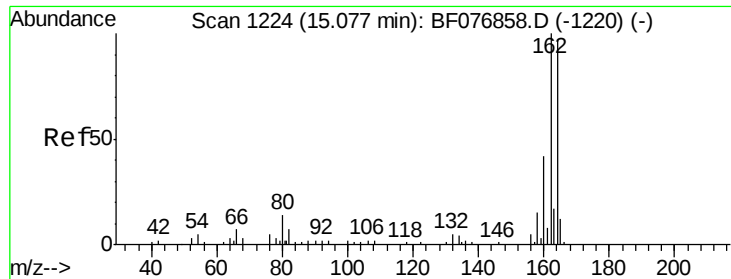


Abundance Ion 122.00 (121.70 to 122.70): BF076898.D (-835) (-)

Ion 105.00 (104.70 to 105.70): BF076898.D (-835) (-)

Ion 77.00 (76.70 to 77.70): BF076898.D (-835) (-)





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.08 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

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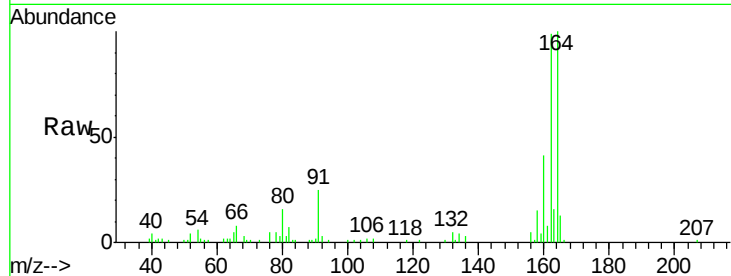
Tot Ion:164 Resp: 69649

Ion Ratio Lower Upper

164 100

162 98.8 82.4 123.6

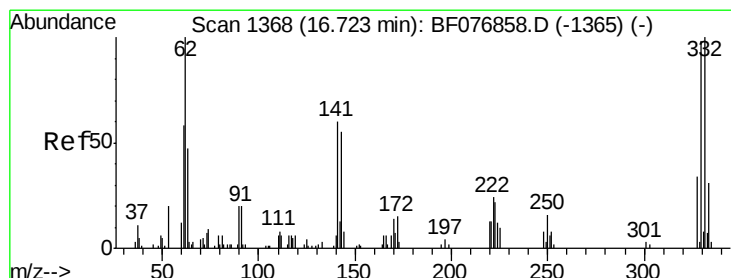
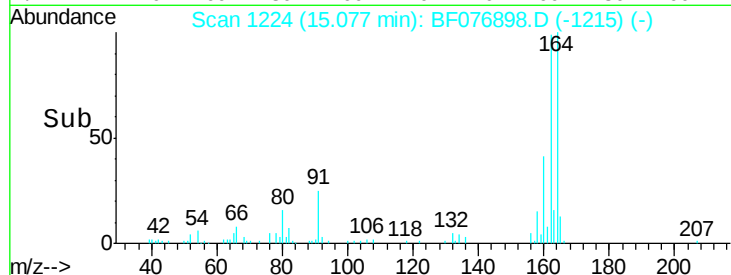
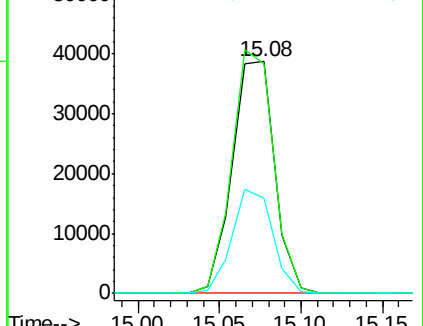
160 40.9 34.8 52.2



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: 144.07 ng

RT: 16.73 min Scan# 1369

Delta R.T. 0.01 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

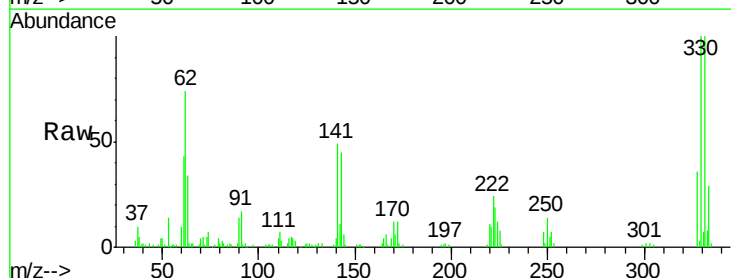
Tgt Ion:330 Resp: 81451

Ion Ratio Lower Upper

330 100

332 98.3 77.8 116.6

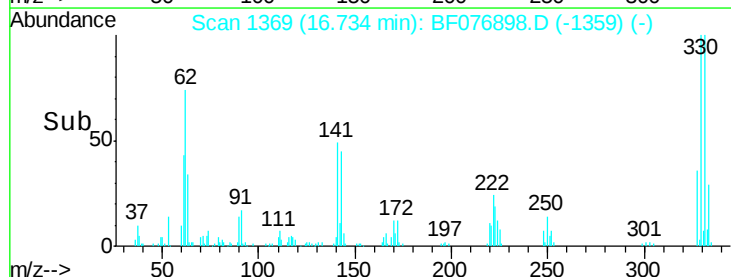
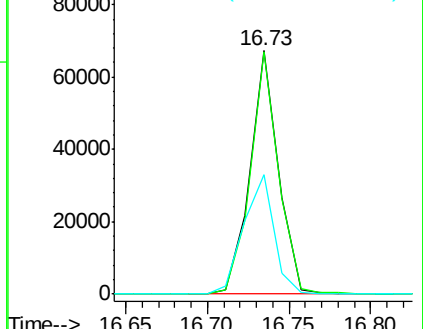
141 51.9 38.5 57.7

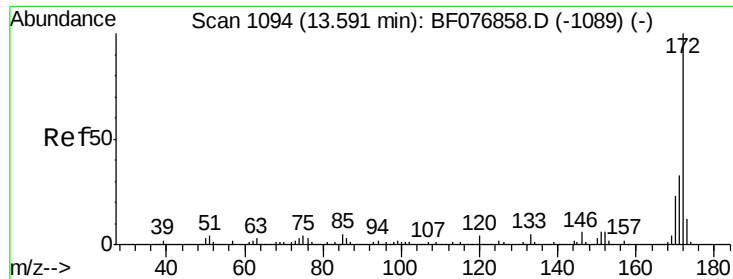


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

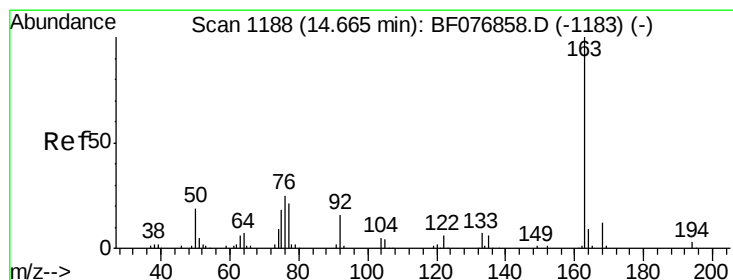
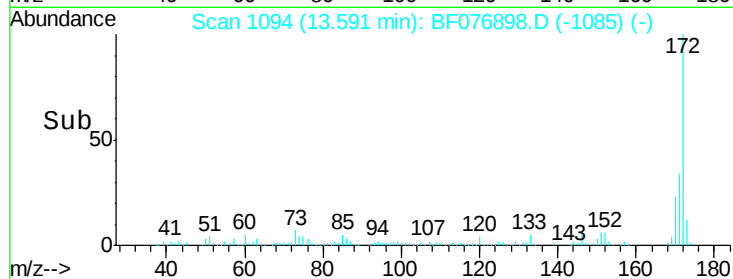
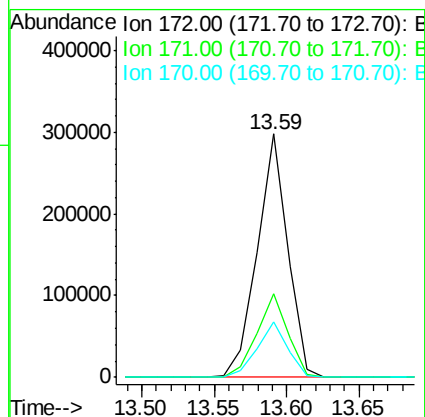
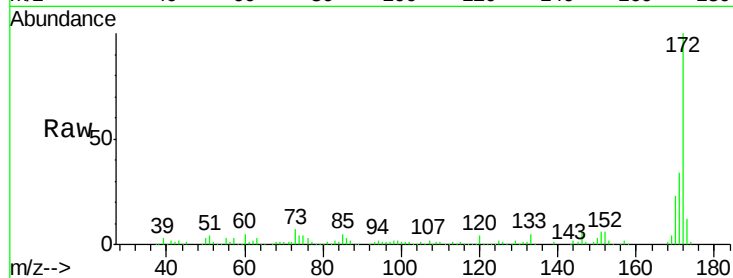




#44
2-Fluorobiphenyl
Concen: 94.92 ng
RT: 13.59 min Scan# 1094
Delta R.T. 0.00 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

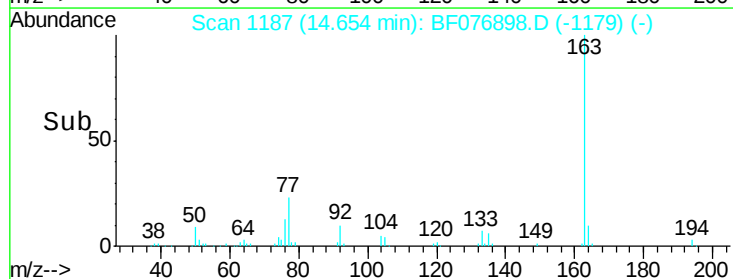
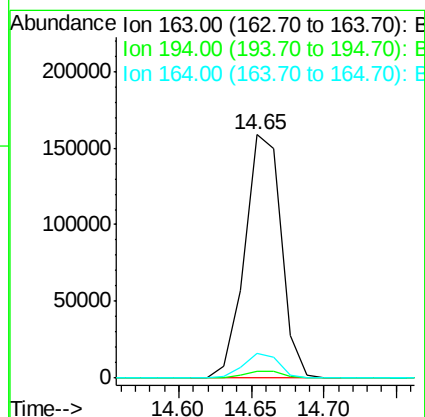
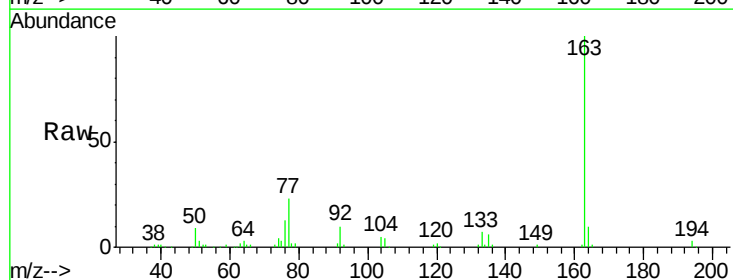
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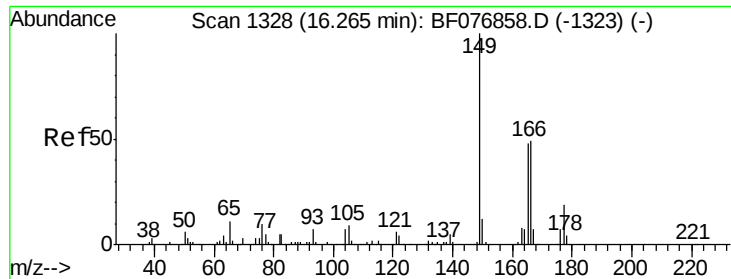
Tot Ion:172 Resp: 434423
Ion Ratio Lower Upper
172 100
171 34.4 26.6 40.0
170 23.0 18.0 27.0



#49
Dimethylphthalate
Concen: 55.95 ng
RT: 14.65 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion:163 Resp: 276355
Ion Ratio Lower Upper
163 100
194 2.7 2.6 4.0
164 10.1 7.5 11.3





#59

Diethylphthalate

Concen: 477.50 ng

RT: 16.28 min Scan# 1329

Delta R.T. 0.01 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

WC-SPENT-SORBENT-67

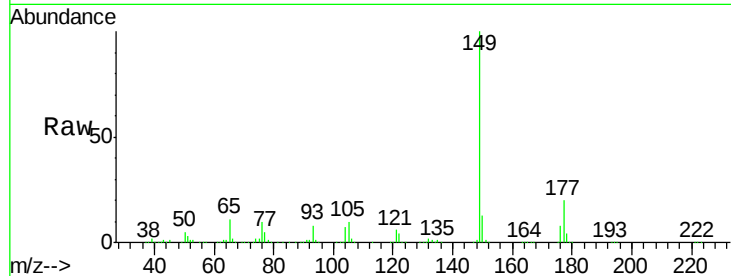
Tot Ion:149 Resp: 2383710

Ion Ratio Lower Upper

149 100

177 20.1 15.0 22.6

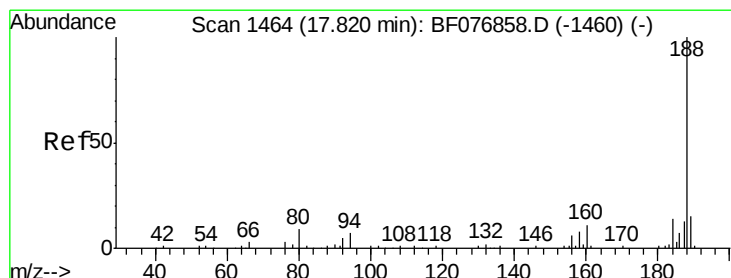
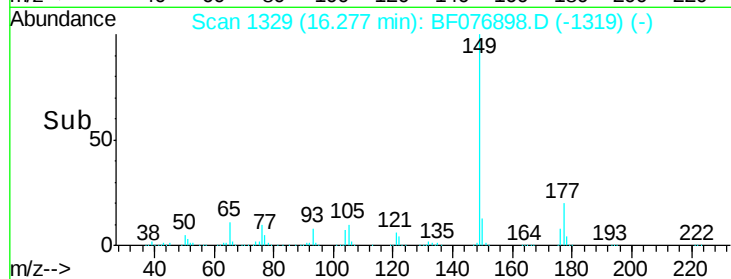
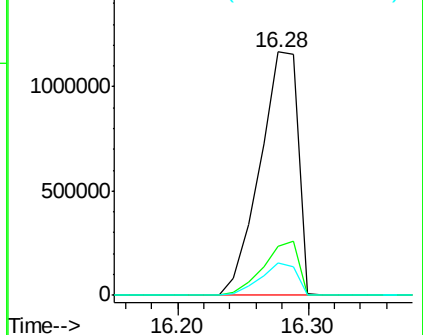
150 13.1 9.4 14.0



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.82 min Scan# 1464

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

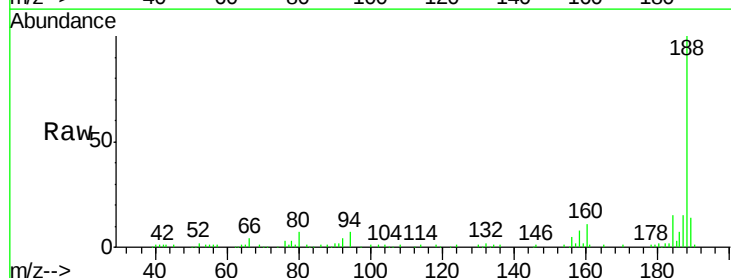
Tgt Ion:188 Resp: 116255

Ion Ratio Lower Upper

188 100

94 6.6 6.0 9.0

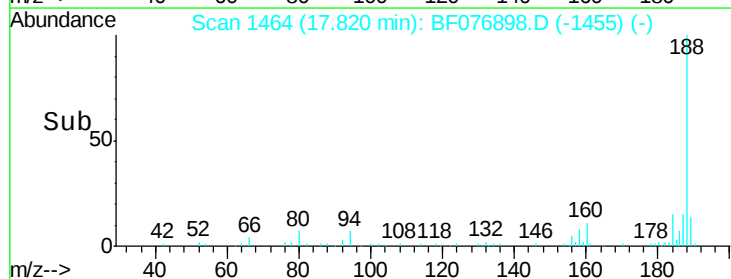
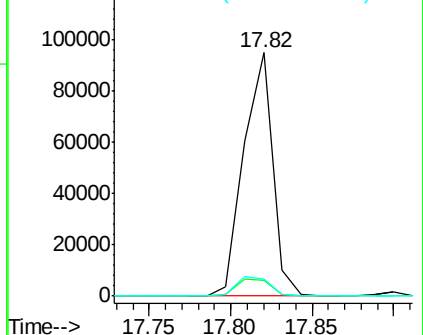
80 7.1 6.9 10.3

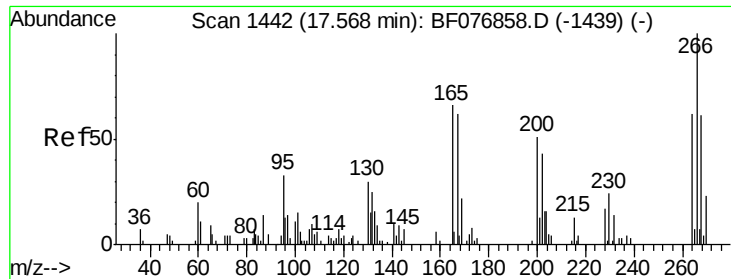


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

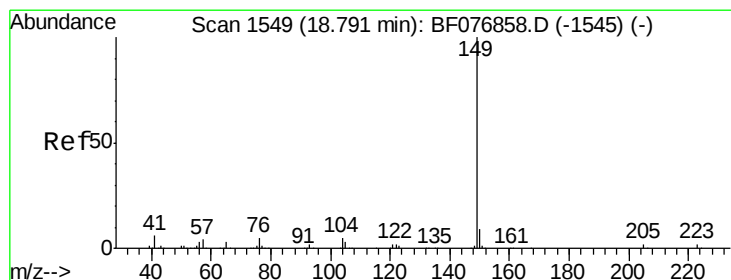
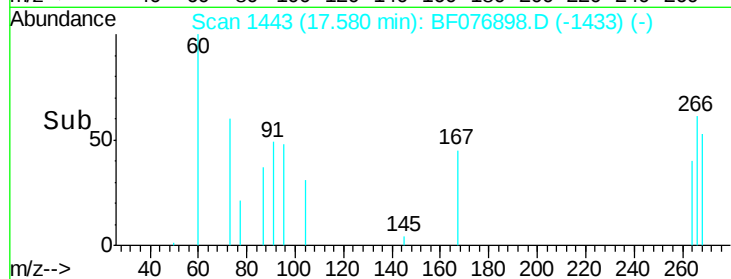
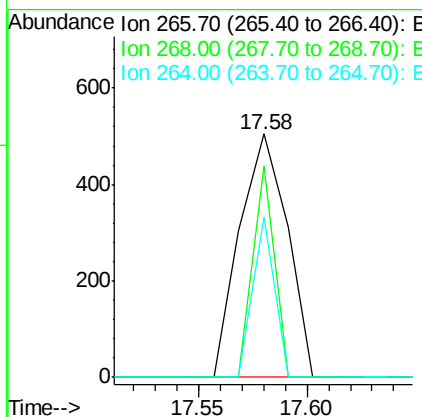
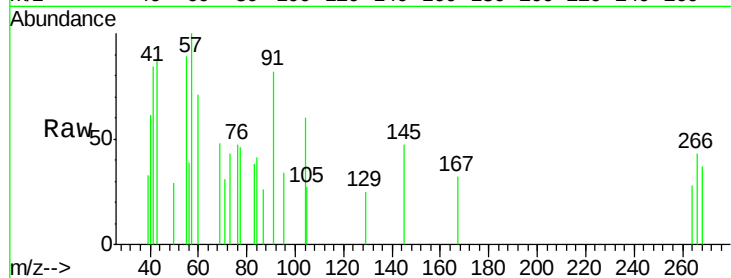




#69
 Pentachlorophenol
 Concen: 8.14 ng
 RT: 17.58 min Scan# 1443
 Delta R.T. 0.01 min
 Lab File: BF076898.D
 Acq: 16 Jan 2015 1:15

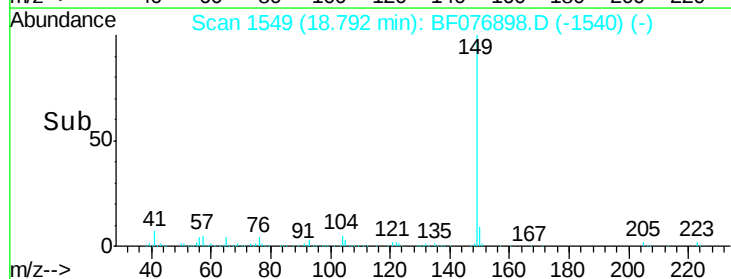
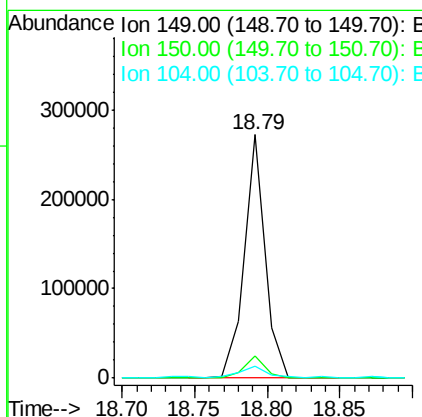
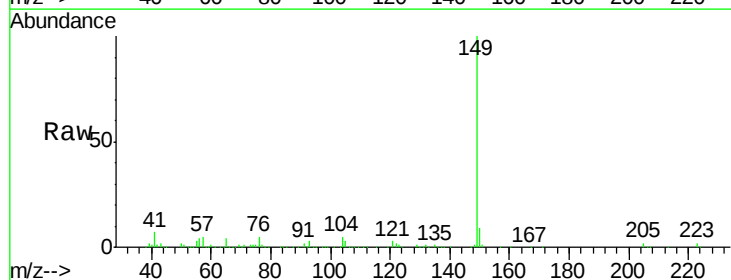
Instrument :
 BNA_F
 ClientSampleId :
 WC-SPENT-SORBENT-67

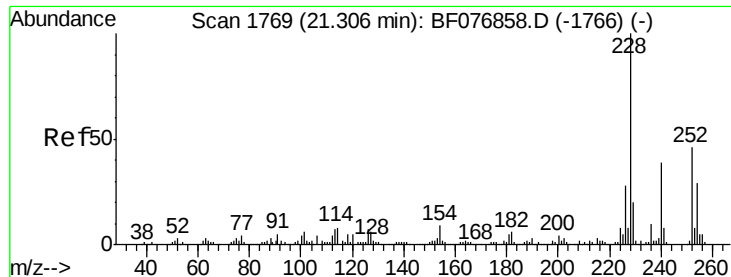
Tot Ion:266 Resp: 767
 Ion Ratio Lower Upper
 266 100
 268 86.7 48.6 72.8#
 264 65.9 49.5 74.3



#73
 Di-n-butylphthalate
 Concen: 33.96 ng
 RT: 18.79 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BF076898.D
 Acq: 16 Jan 2015 1:15

Tgt Ion:149 Resp: 269581
 Ion Ratio Lower Upper
 149 100
 150 9.1 6.9 10.3
 104 5.0 3.7 5.5





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.31 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

WC-SPENT-SORBENT-67

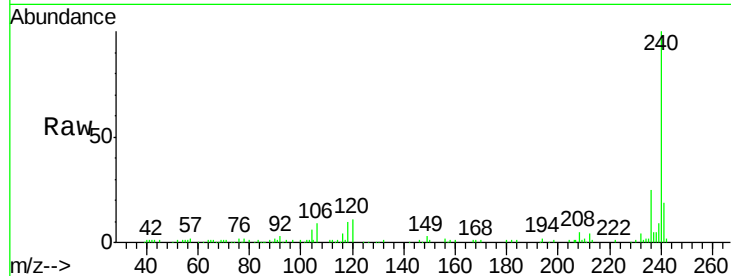
Tot Ion:240 Resp: 111533

Ion Ratio Lower Upper

240 100

120 11.1 10.4 15.6

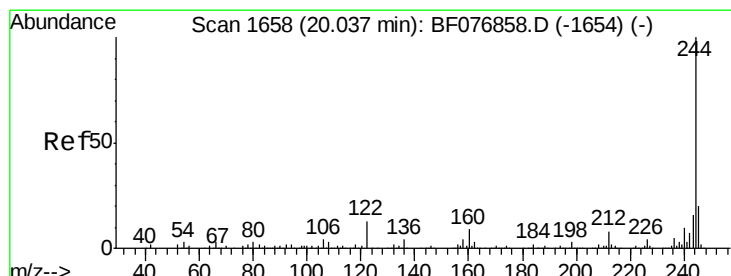
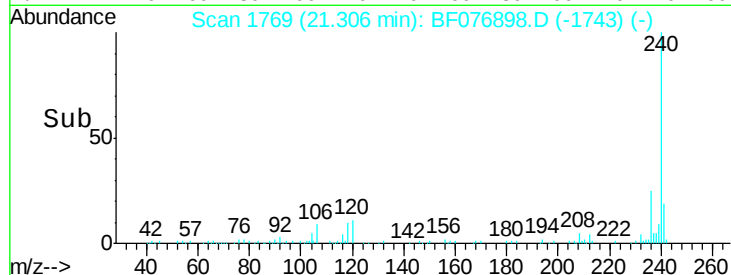
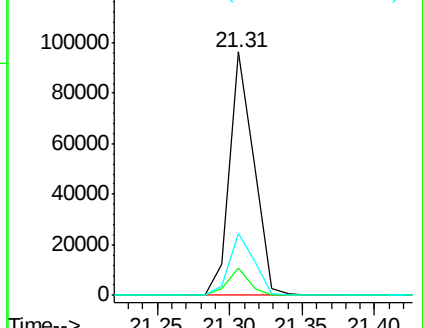
236 25.4 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 87.62 ng

RT: 20.04 min Scan# 1658

Delta R.T. 0.00 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

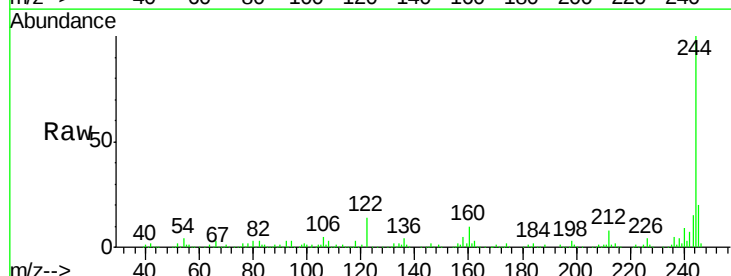
Tgt Ion:244 Resp: 424470

Ion Ratio Lower Upper

244 100

212 8.1 6.3 9.5

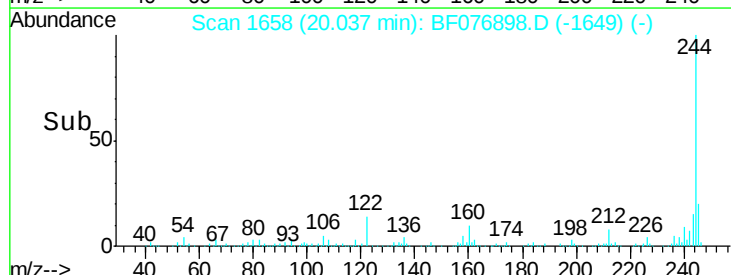
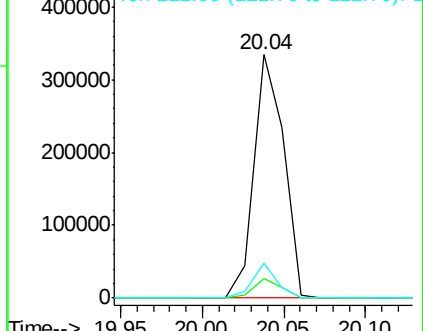
122 14.2 10.1 15.1

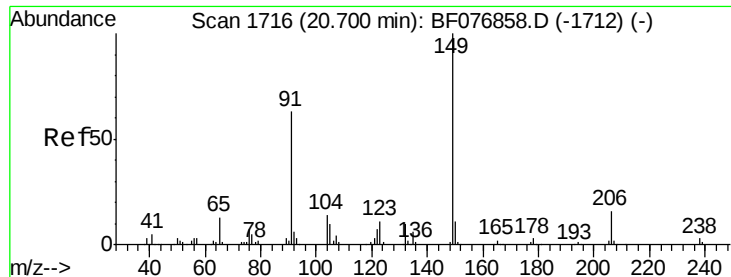


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

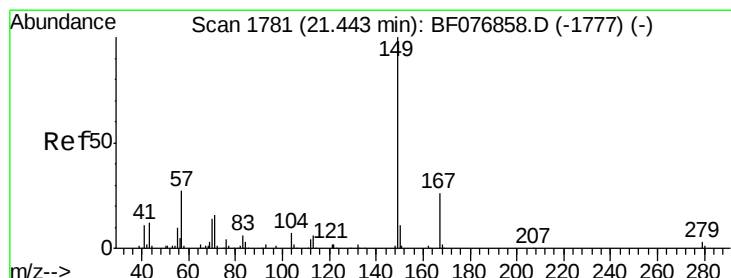
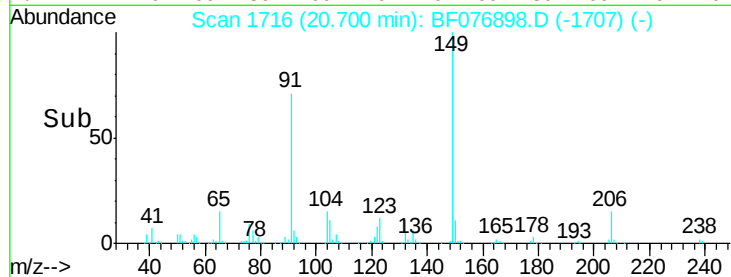
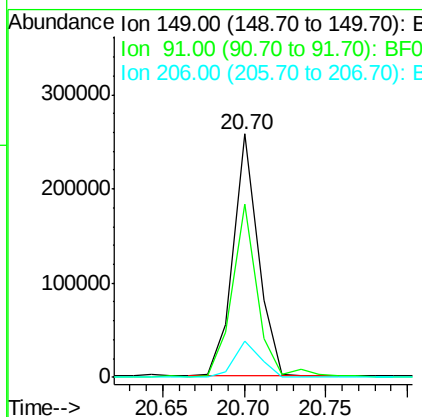
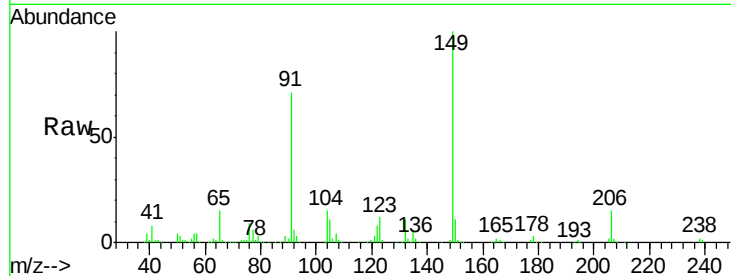




#79
Butylbenzylphthalate
Concen: 78.13 ng
RT: 20.70 min Scan# 1716
Delta R.T. 0.00 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

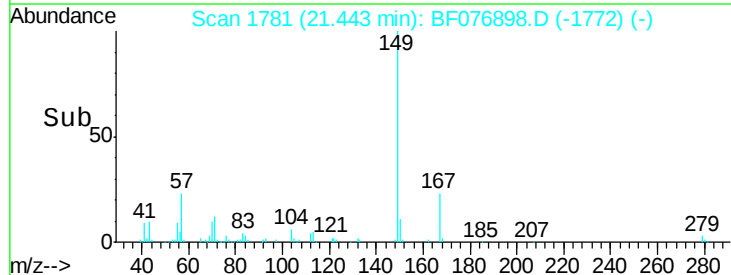
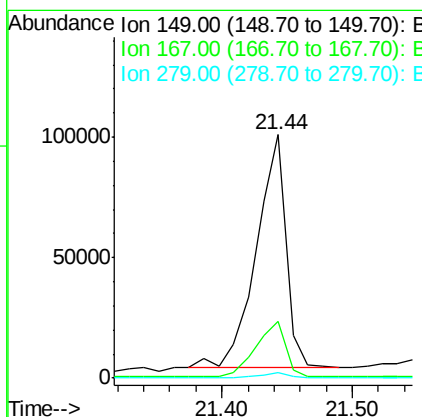
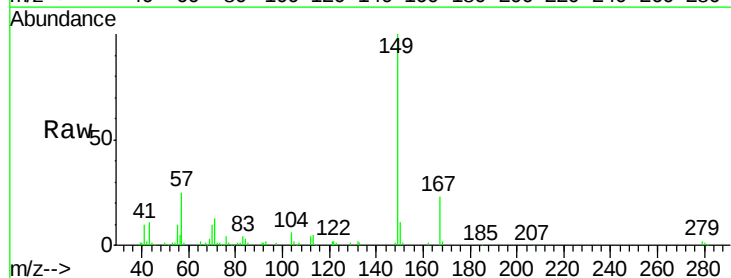
Instrument :
BNA_F
ClientSampleId :
WC-SPENT-SORBENT-67

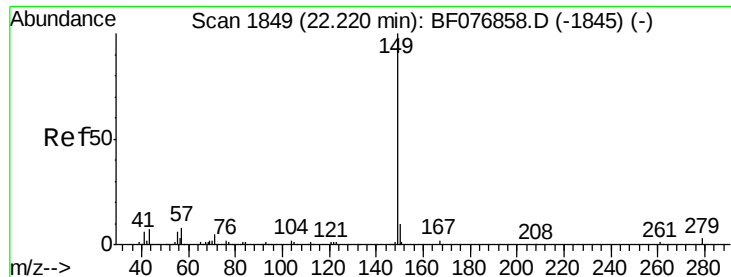
Tot Ion:149 Resp: 270480
Ion Ratio Lower Upper
149 100
91 70.9 50.6 76.0
206 15.0 12.8 19.2



#83
Bis(2-ethylhexyl)phthalate
Concen: 32.11 ng
RT: 21.44 min Scan# 1781
Delta R.T. 0.00 min
Lab File: BF076898.D
Acq: 16 Jan 2015 1:15

Tgt Ion:149 Resp: 153816
Ion Ratio Lower Upper
149 100
167 23.3 20.6 30.8
279 2.5 2.2 3.2





#84

Di-n-octyl phthalate

Concen: 2.67 ng

RT: 22.20 min Scan# 1847

Delta R.T. -0.02 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

Instrument :

BNA_F

ClientSampleId :

WC-SPENT-SORBENT-67

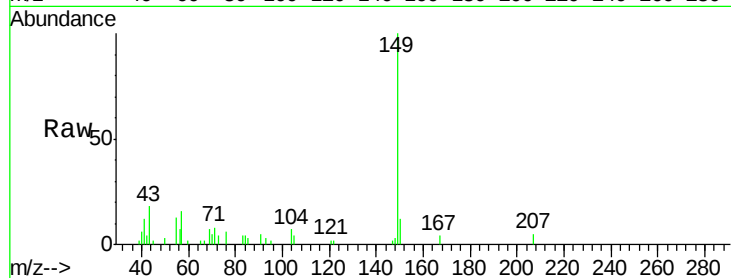
Tot Ion:149 Resp: 22226

Ion Ratio Lower Upper

149 100

167 11.7 1.1 1.7#

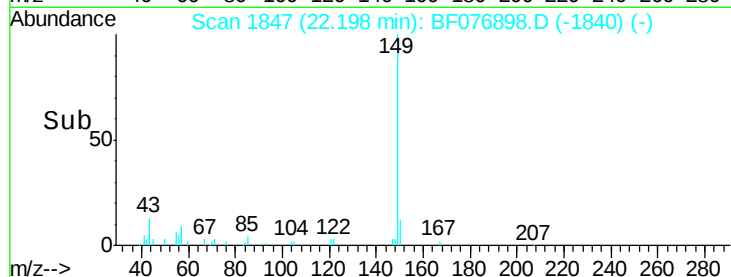
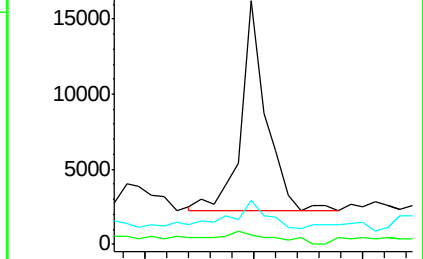
43 17.9 6.6 10.0#



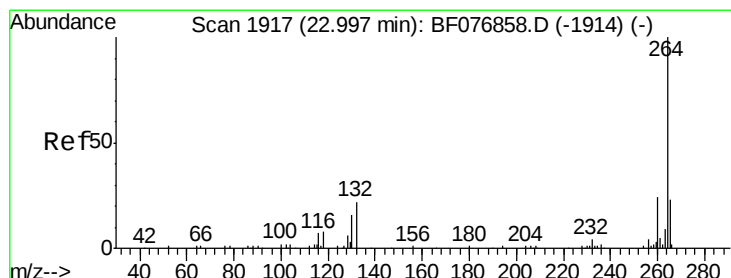
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 22.95 min Scan# 1913

Delta R.T. -0.05 min

Lab File: BF076898.D

Acq: 16 Jan 2015 1:15

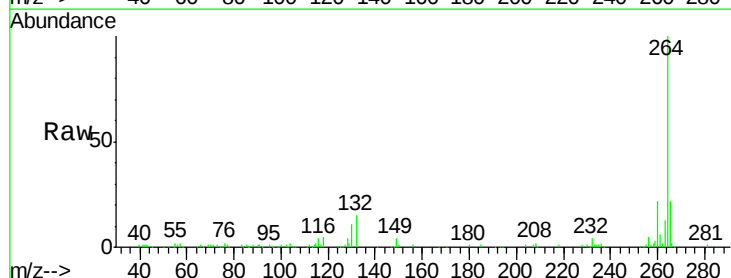
Tgt Ion:264 Resp: 108804

Ion Ratio Lower Upper

264 100

260 21.9 19.0 28.4

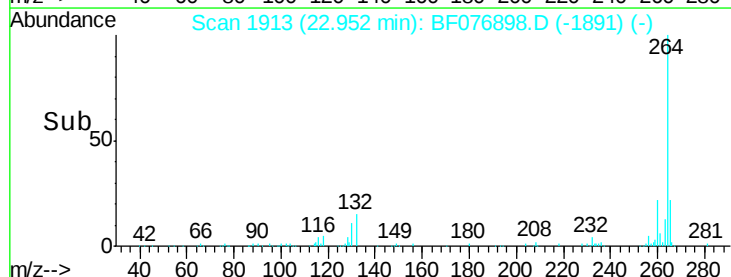
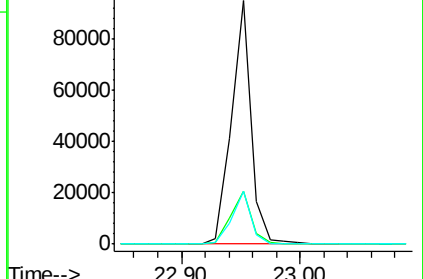
265 21.7 18.1 27.1



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



Time-->