

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092717\
 Data File : BF098887.D
 Acq On : 28 Sep 2017 2:41
 Operator : SJ/JU
 Sample : I5429-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 06:10:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

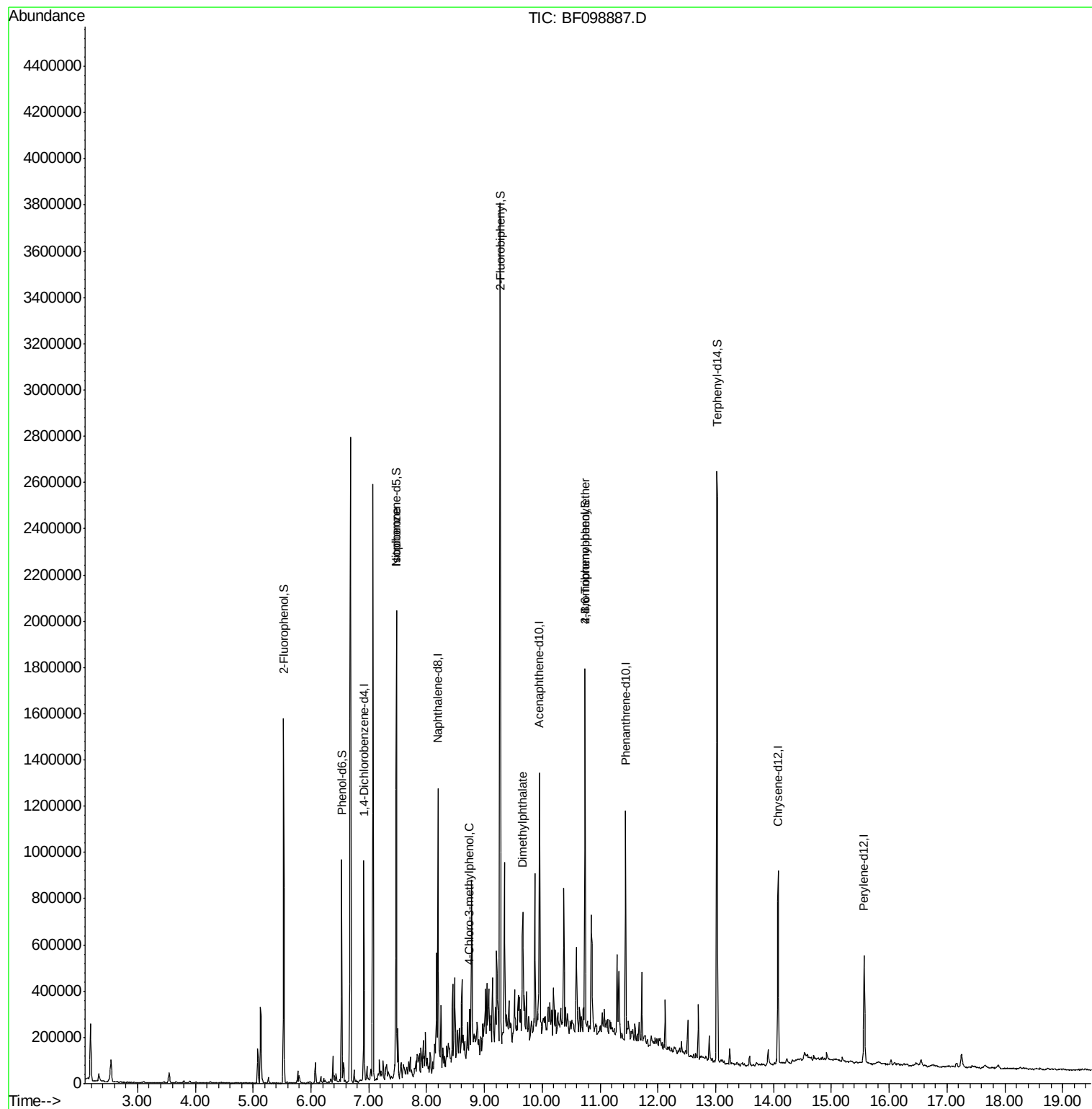
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	121716	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	493058	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	206161	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	307579	20.00	ng	0.00
75) Chrysene-d12	14.08	240	259510	20.00	ng	0.00
86) Perylene-d12	15.57	264	196522	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	396785	51.89	ng	-0.01
7) Phenol-d6	6.53	99	284991	30.21	ng	-0.02
23) Nitrobenzene-d5	7.47	82	690964	89.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	177428	105.18	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1156706	93.67	ng	0.00
78) Terphenyl-d14	13.02	244	851872	74.65	ng	-0.01
Target Compounds						
25) Isophorone	7.47	82	689044	43.35	ng	# 64
36) 4-Chloro-3-methylphenol	8.74	107	22790	2.98	ng	# 20
49) Dimethylphthalate	9.66	163	63916	4.11	ng	# 98
66) 4-Bromophenyl-phenylether	10.74	248	12616	4.19	ng	# 1

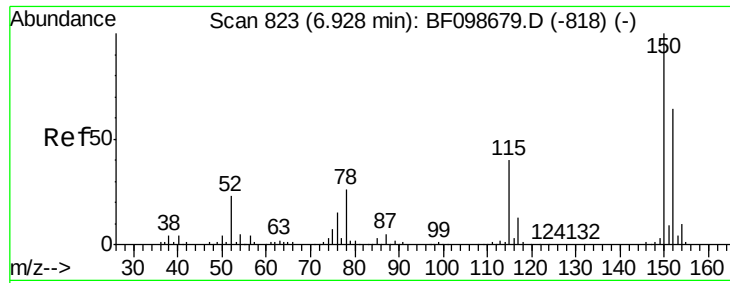
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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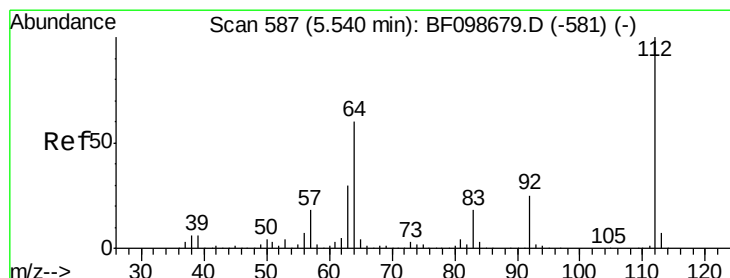
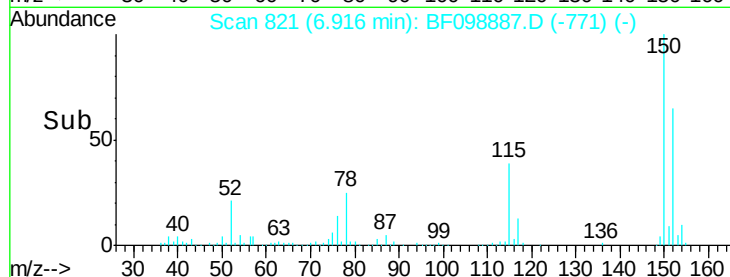
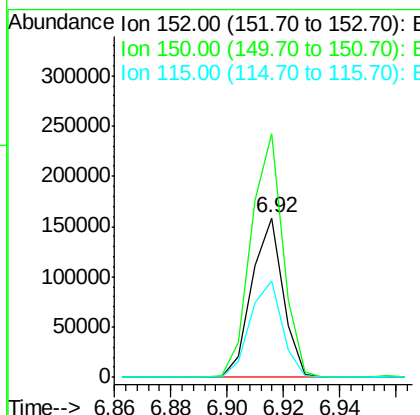
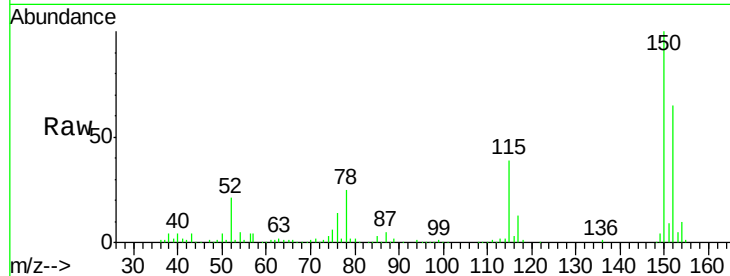




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF098887.D
 Acq: 28 Sep 2017 2:41

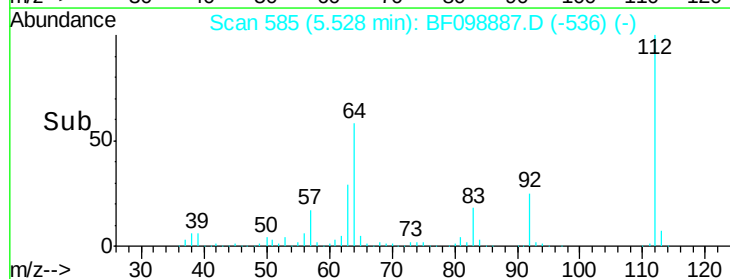
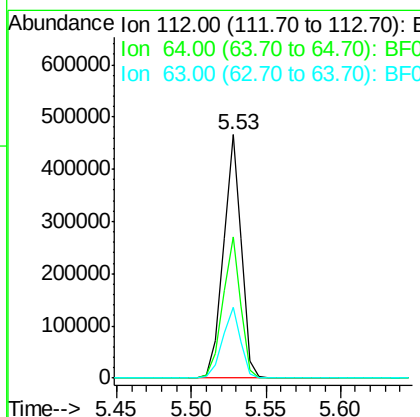
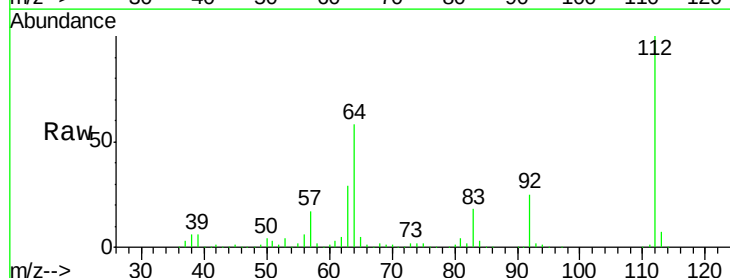
Instrument :
 BNA_F
 ClientSampleId :

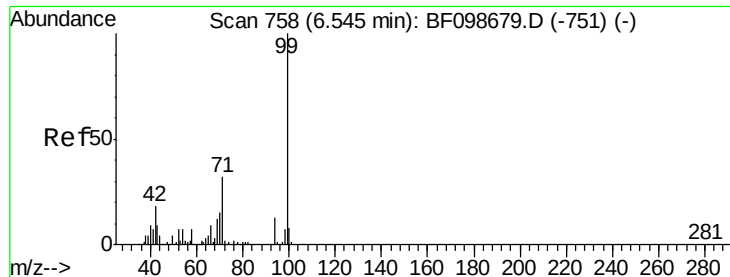
Tot Ion:152 Resp: 121716
 Ion Ratio Lower Upper
 152 100
 150 153.0 124.6 186.8
 115 60.3 50.1 75.1



#5
 2-Fluorophenol
 Concen: 51.89 ng
 RT: 5.53 min Scan# 585
 Delta R.T. -0.01 min
 Lab File: BF098887.D
 Acq: 28 Sep 2017 2:41

Tgt Ion:112 Resp: 396785
 Ion Ratio Lower Upper
 112 100
 64 57.9 47.9 71.9
 63 29.2 23.7 35.5





#7

Phenol-d6

Concen: 30.21 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

Instrument :

BNA_F

ClientSampleId :

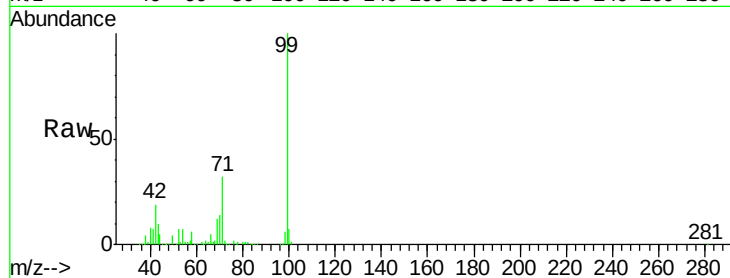
Tot Ion: 99 Resp: 284991

Ion Ratio Lower Upper

99 100

42 19.3 14.5 21.7

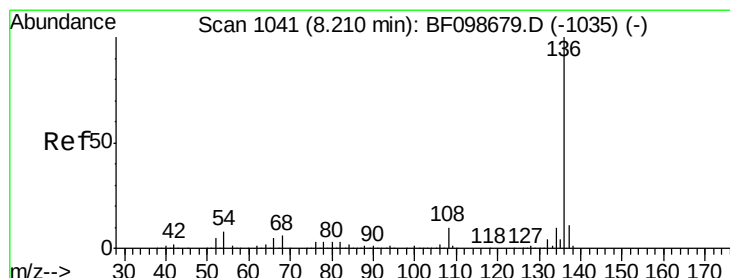
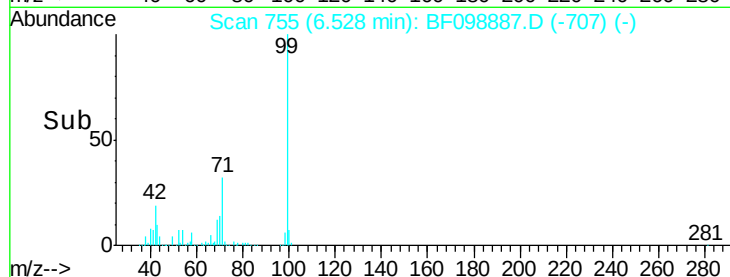
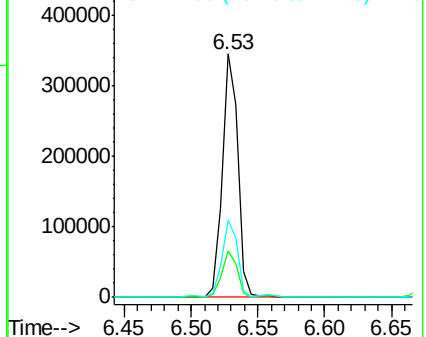
71 31.9 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

Tgt Ion: 136 Resp: 493058

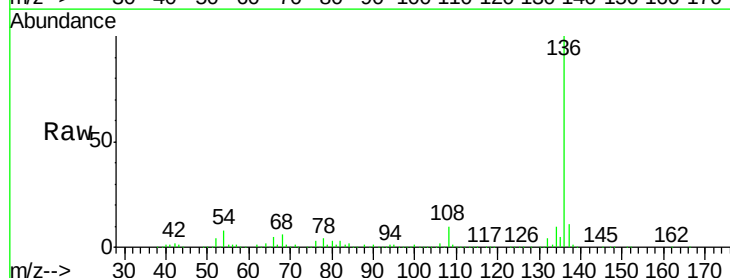
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.7 6.6 9.8

68 6.0 5.0 7.4

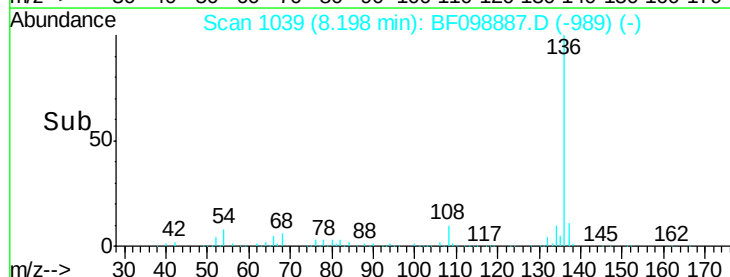
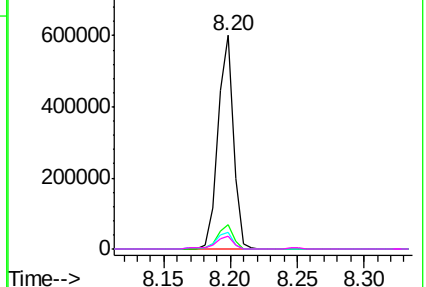


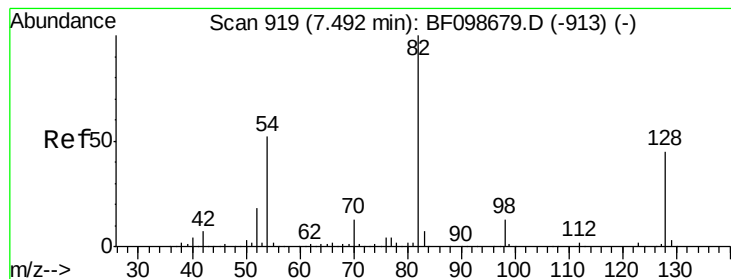
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.87 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

Instrument :

BNA_F

ClientSampled :

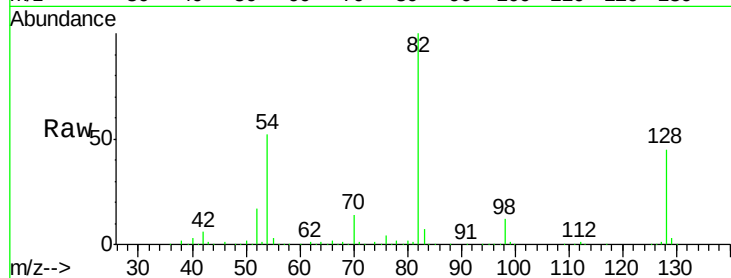
Tot Ion: 82 Resp: 690964

Ion Ratio Lower Upper

82 100

128 44.8 36.1 54.1

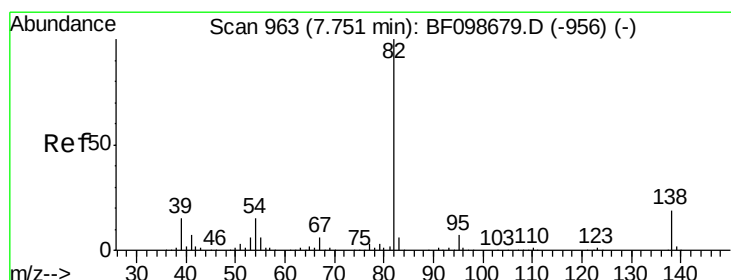
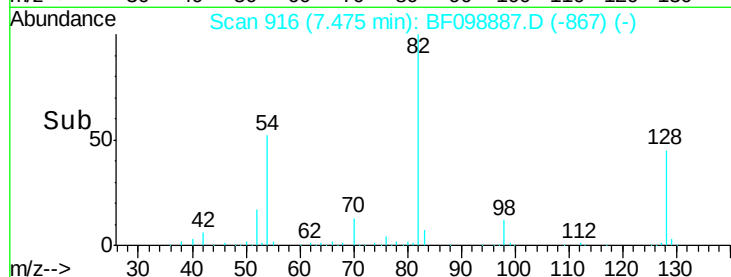
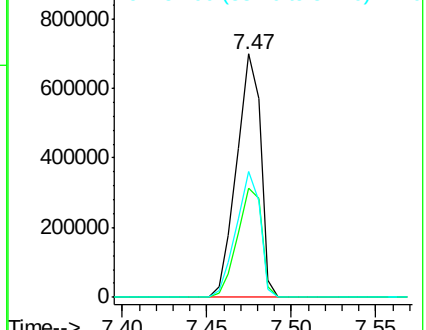
54 51.5 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 43.35 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.27 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

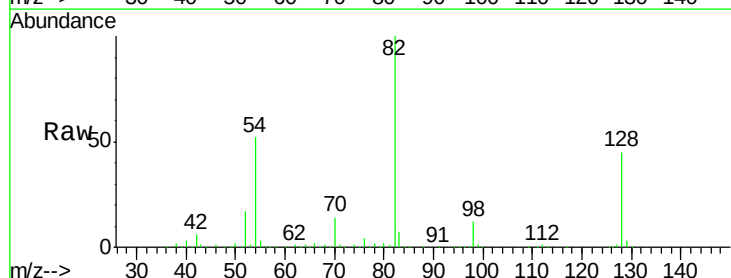
Tgt Ion: 82 Resp: 689044

Ion Ratio Lower Upper

82 100

95 0.1 5.2 7.8#

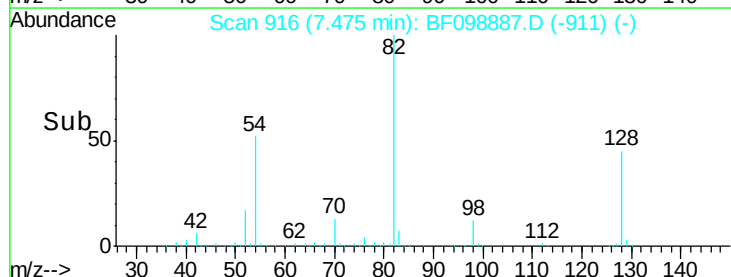
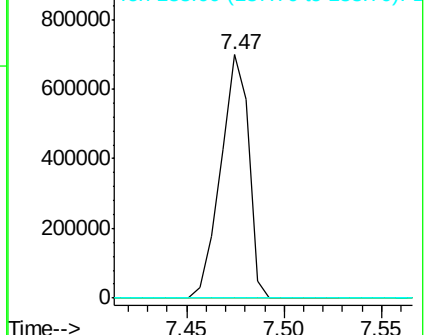
138 0.0 14.9 22.3#

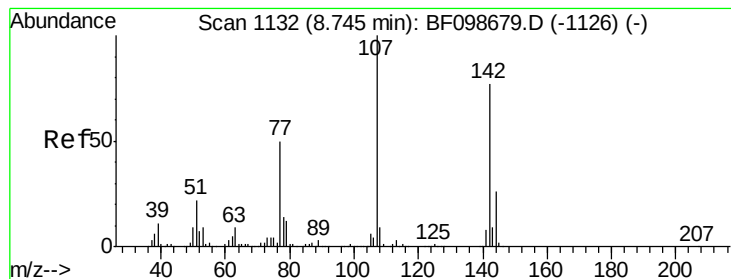


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#36

4-Chloro-3-methylphenol

Concen: 2.98 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

Instrument :

BNA_F

ClientSampleId :

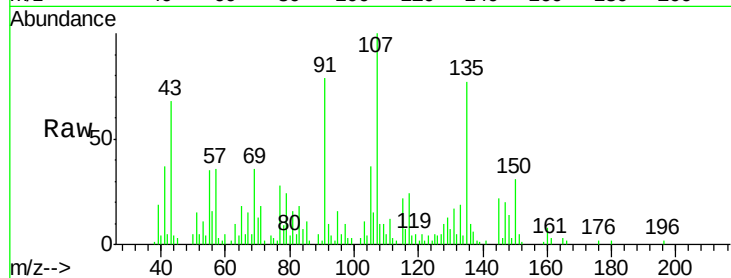
Tot Ion:107 Resp: 22790

Ion Ratio Lower Upper

107 100

144 0.0 20.5 30.7#

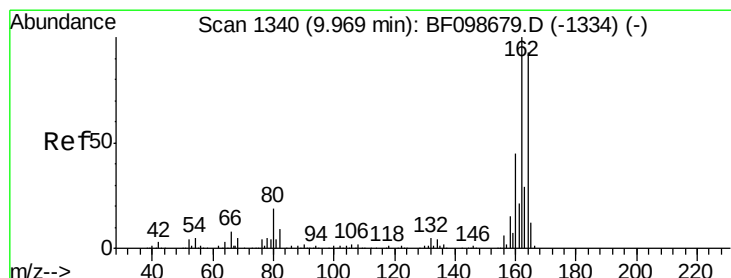
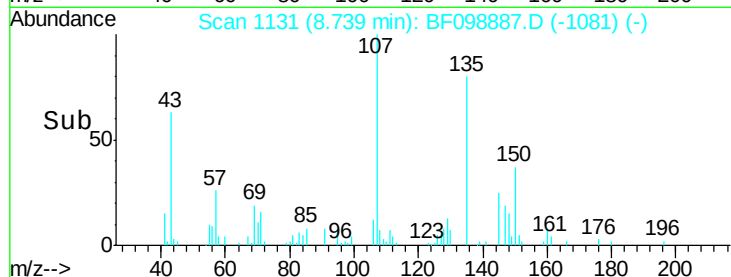
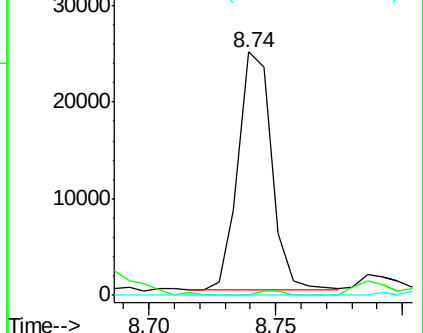
142 0.0 62.0 93.0#



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

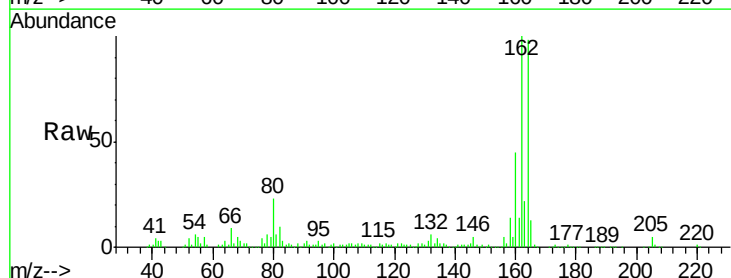
Tgt Ion:164 Resp: 206161

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

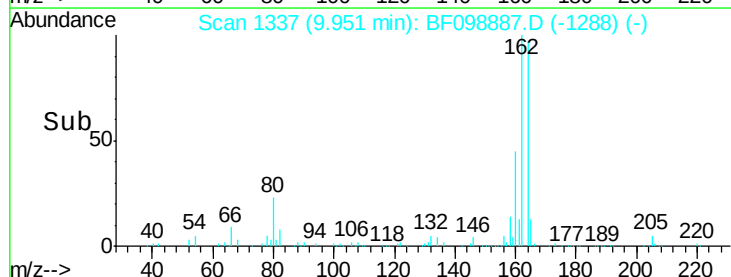
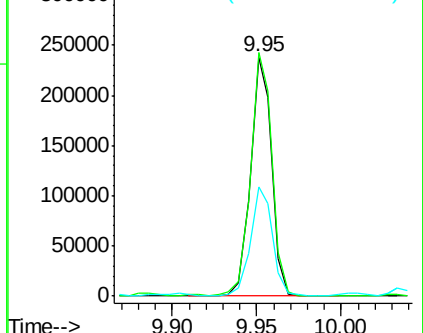
160 46.0 38.3 57.5

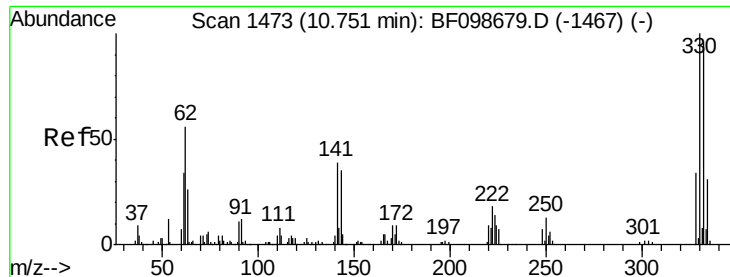


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 105.18 ng

RT: 10.74 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

Instrument :

BNA_F

ClientSampleId :

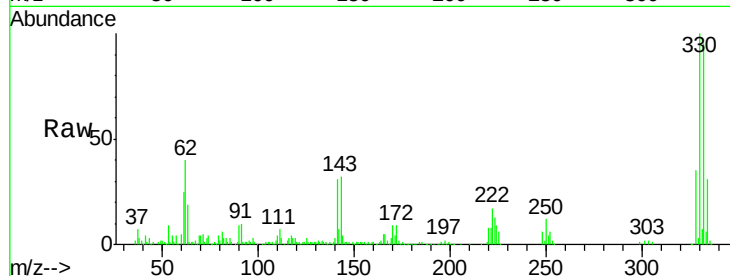
Tot Ion:330 Resp: 177428

Ion Ratio Lower Upper

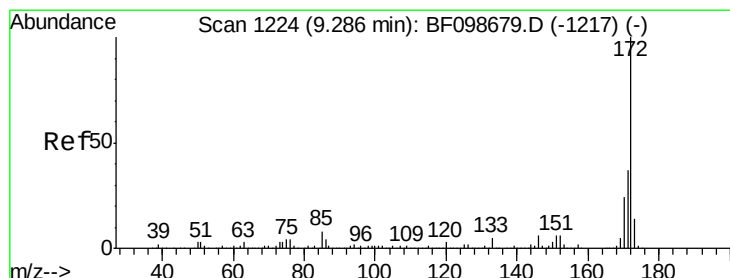
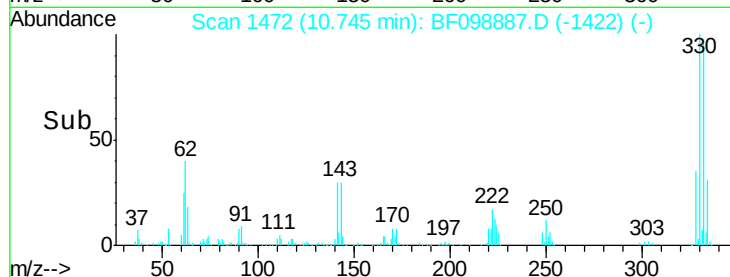
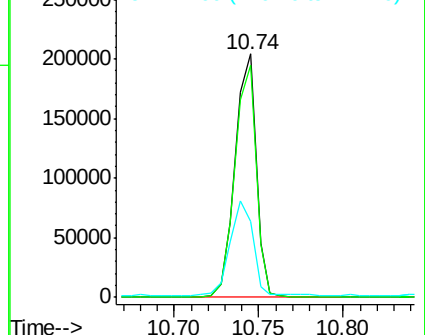
330 100

332 96.8 77.0 115.6

141 41.4 29.9 44.9



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: 93.67 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

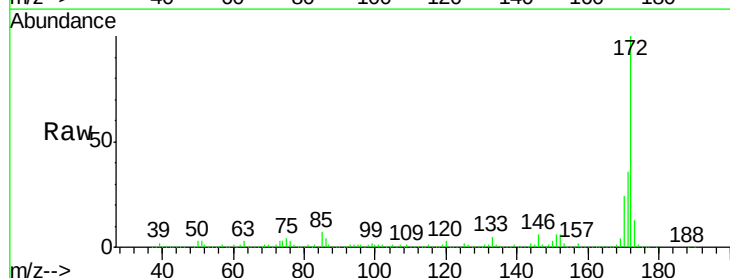
Tgt Ion:172 Resp: 1156706

Ion Ratio Lower Upper

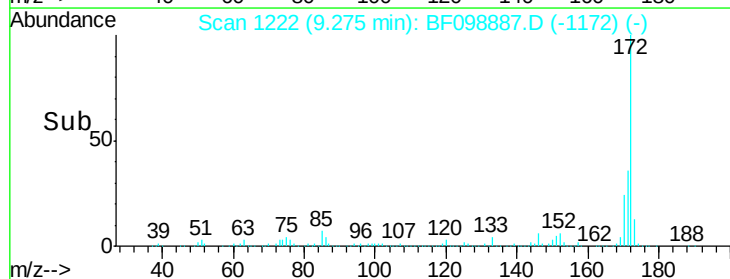
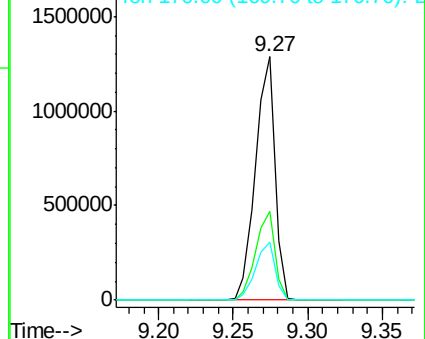
172 100

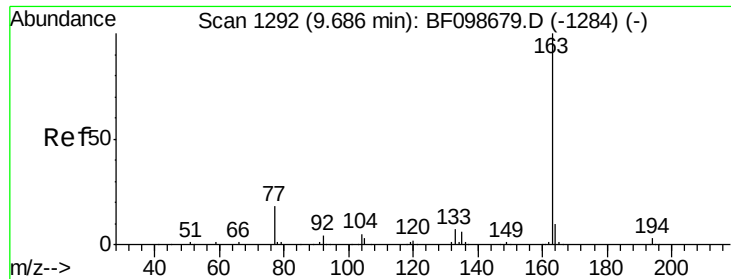
171 36.2 29.7 44.5

170 23.9 19.6 29.4



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

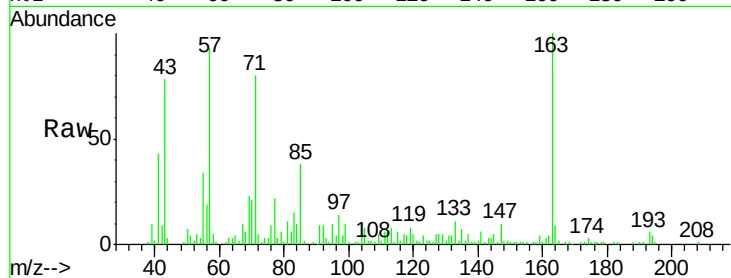




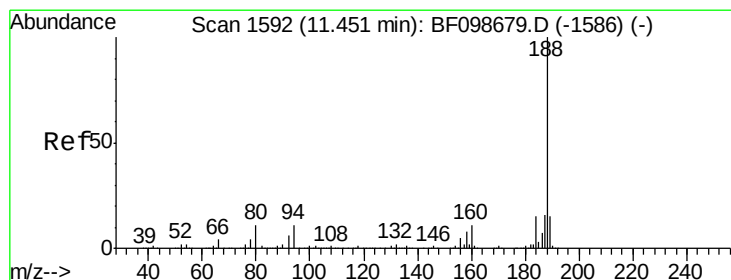
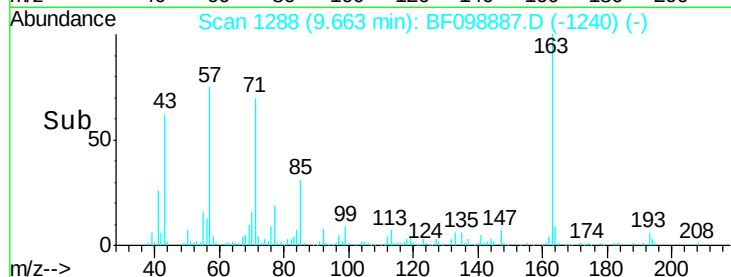
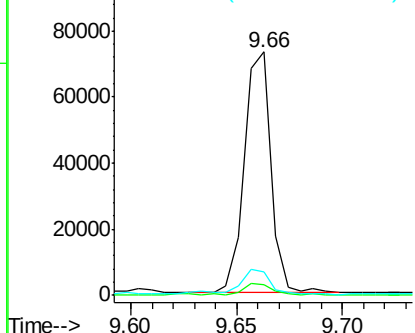
#49
Dimethylphthalate
Concen: 4.11 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BF098887.D
Acq: 28 Sep 2017 2:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 63916
Ion Ratio Lower Upper
163 100
194 4.4 2.7 4.1#
164 9.4 8.2 12.2

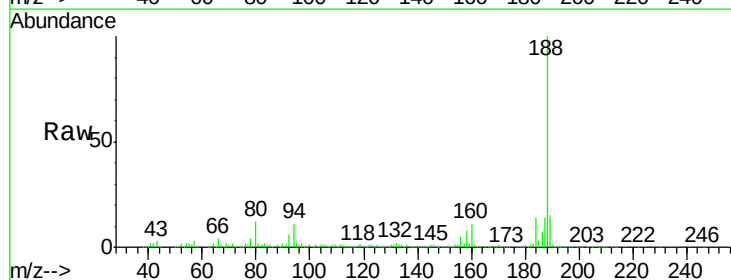


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

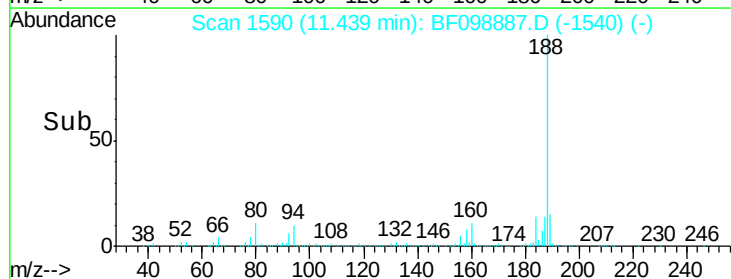
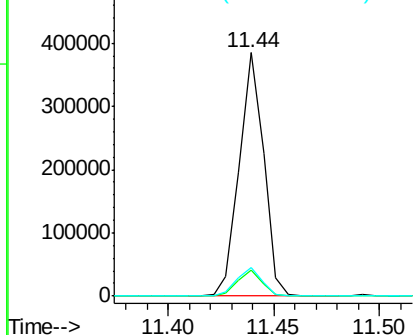


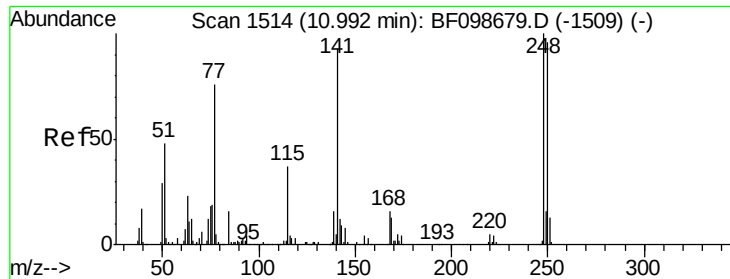
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098887.D
Acq: 28 Sep 2017 2:41

Tgt Ion:188 Resp: 307579
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.6 9.2 13.8



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

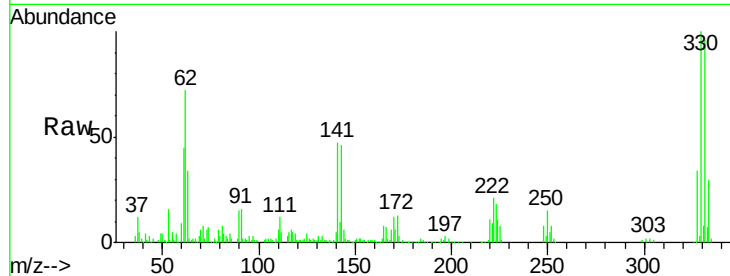




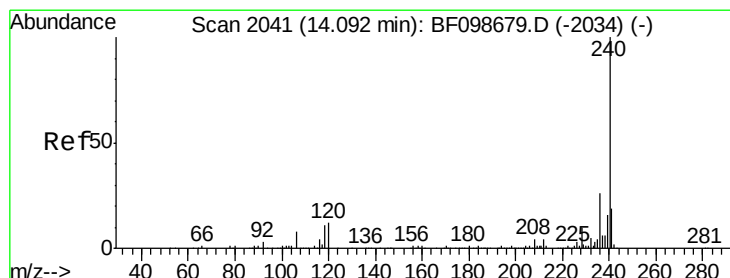
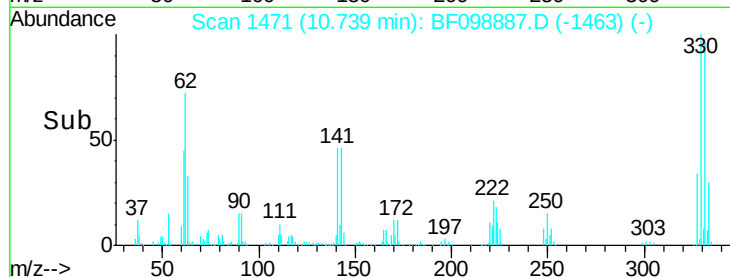
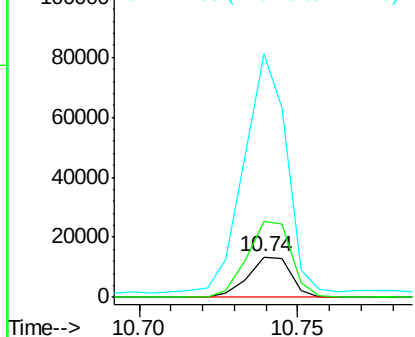
#66
 4-Bromophenyl-phenylether
 Concen: 4.19 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.25 min
 Lab File: BF098887.D
 Acq: 28 Sep 2017 2:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 12616
 Ion Ratio Lower Upper
 248 100
 250 187.3 76.9 115.3#
 141 600.9 74.4 111.6#

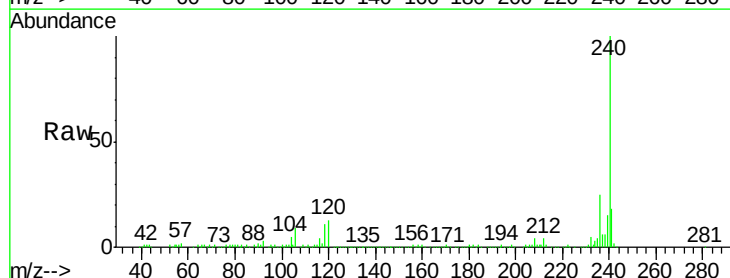


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

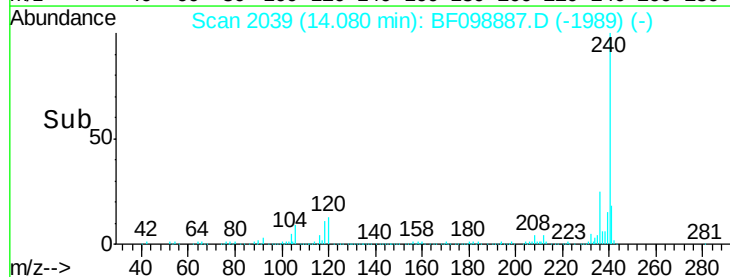
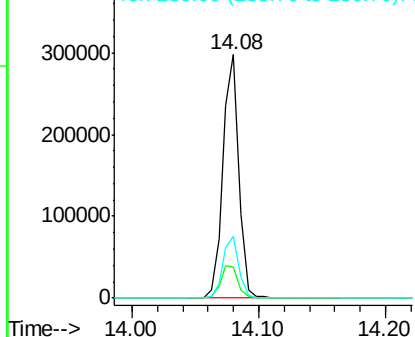


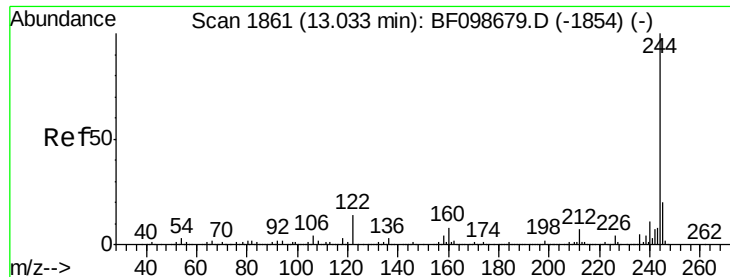
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.08 min Scan# 2039
 Delta R.T. -0.01 min
 Lab File: BF098887.D
 Acq: 28 Sep 2017 2:41

Tgt Ion:240 Resp: 259510
 Ion Ratio Lower Upper
 240 100
 120 12.8 9.5 14.3
 236 25.4 20.7 31.1



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: 74.65 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

Instrument :

BNA_F

ClientSampled :

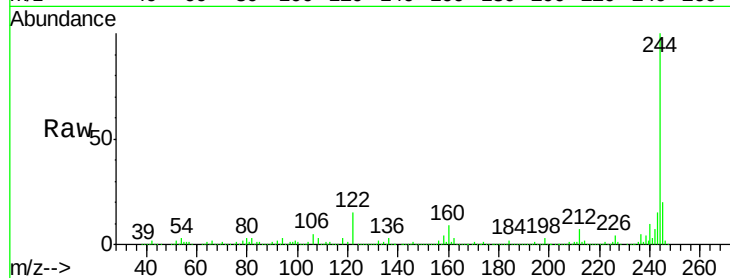
Tot Ion:244 Resp: 851872

Ion Ratio Lower Upper

244 100

212 7.4 5.4 8.0

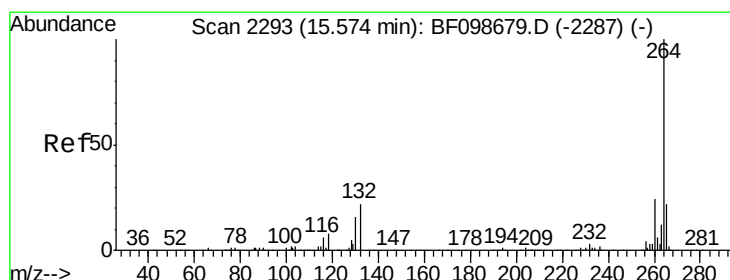
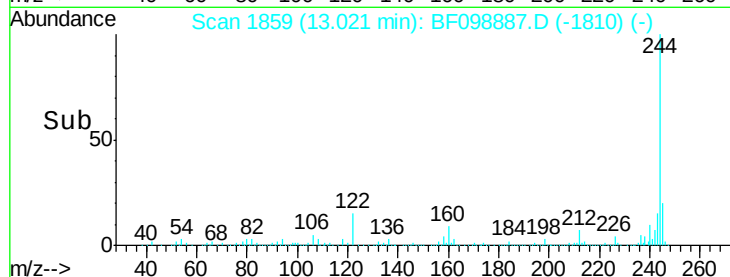
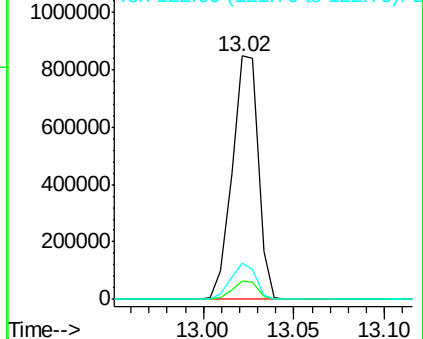
122 15.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098887.D

Acq: 28 Sep 2017 2:41

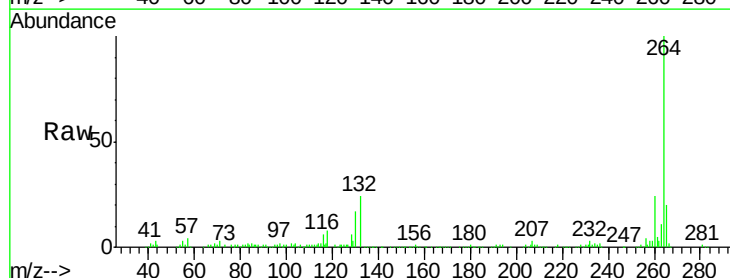
Tgt Ion:264 Resp: 196522

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 20.1 17.5 26.3



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

