

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098509.D
 Acq On : 14 Sep 2017 00:29
 Operator : SJ/JU
 Sample : I5202-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A5972-OT

Quant Time: Sep 14 07:40:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 02:14:50 2017
 Response via : Initial Calibration

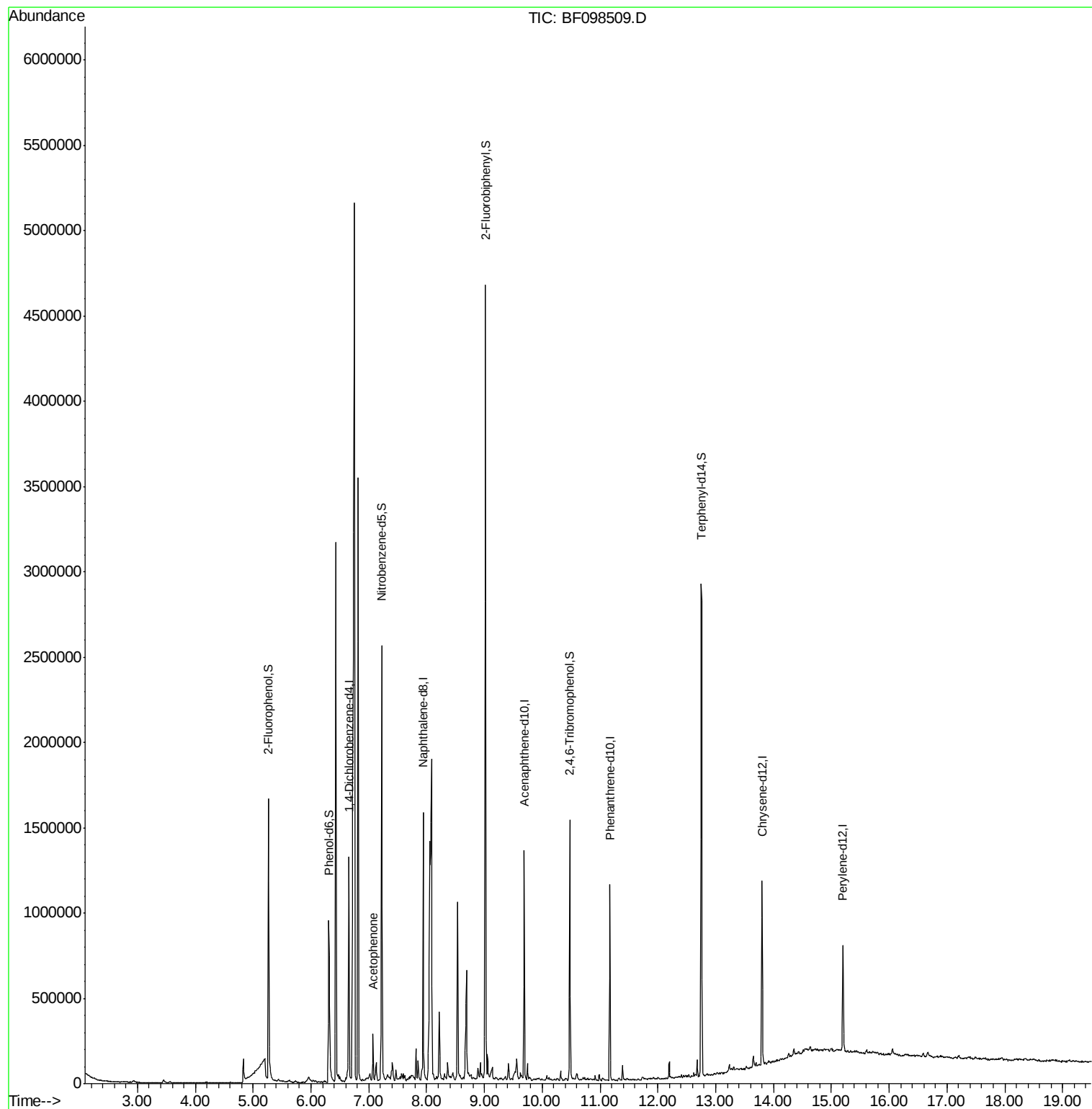
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	161071	20.00	ng	-0.01
21) Naphthalene-d8	7.94	136	632080	20.00	ng	-0.01
38) Acenaphthene-d10	9.69	164	248208	20.00	ng	-0.02
63) Phenanthrene-d10	11.17	188	358203	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	338132	20.00	ng	-0.01
86) Perylene-d12	15.20	264	268531	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	480810	44.14	ng	-0.01
7) Phenol-d6	6.31	99	370303	26.77	ng	-0.01
23) Nitrobenzene-d5	7.23	82	778990	68.71	ng	-0.01
41) 2,4,6-Tribromophenol	10.48	330	156716	94.60	ng	-0.01
44) 2-Fluorobiphenyl	9.02	172	1408838	96.20	ng	-0.02
78) Terphenyl-d14	12.75	244	903023	57.64	ng	-0.02
Target Compounds						
22) Acetophenone	7.07	105	72448	4.435	ng	Qvalue # 89

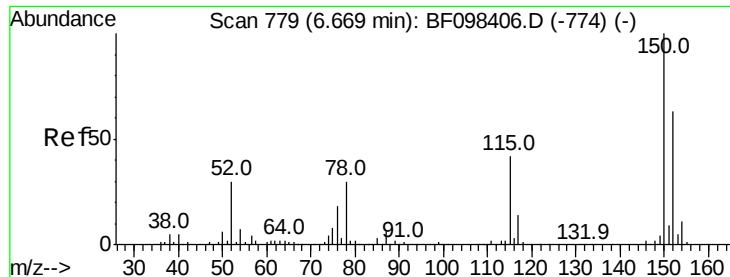
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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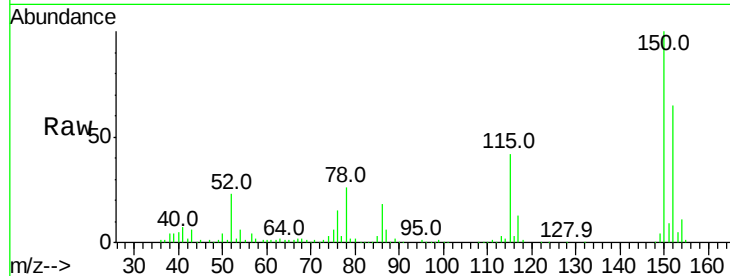


#1

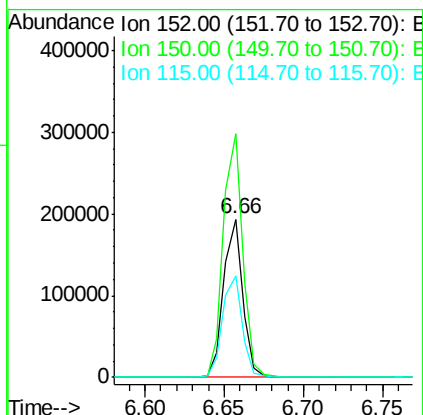
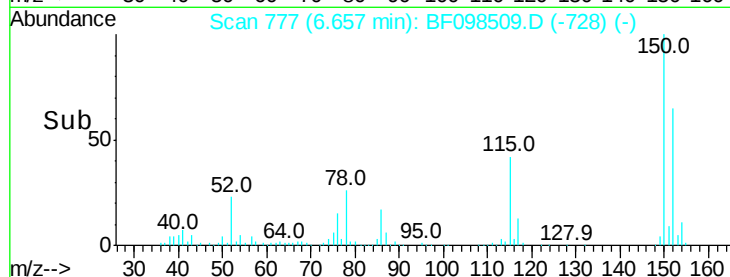
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 777
 Delta R.T. -0.01 min
 Lab File: BF098509.D
 Acq: 14 Sep 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 A5972-OT

Tot Ion:152 Resp: 161071
 Ion Ratio Lower Upper
 152 100
 150 154.0 126.2 189.2
 115 64.4 52.2 78.2



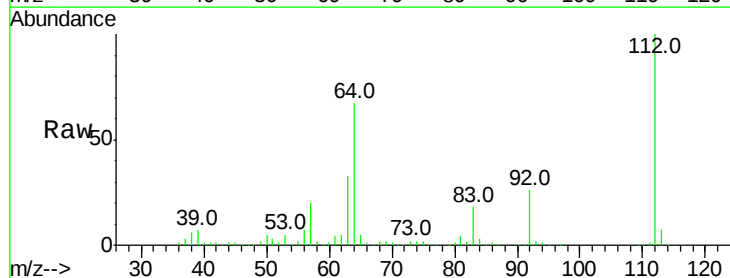
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



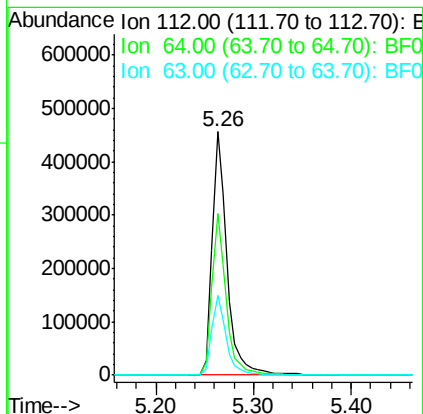
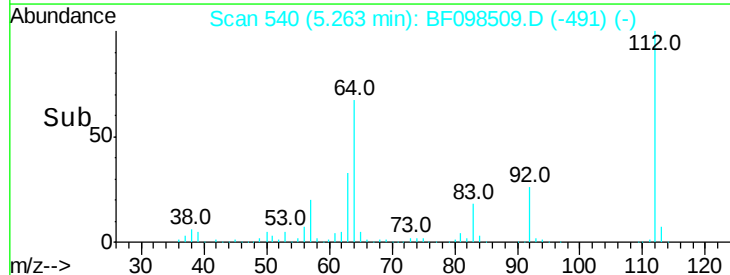
#5

2-Fluorophenol
 Concen: 44.135 ng
 RT: 5.26 min Scan# 540
 Delta R.T. -0.01 min
 Lab File: BF098509.D
 Acq: 14 Sep 2017 00:29

Tgt Ion:112 Resp: 480810
 Ion Ratio Lower Upper
 112 100
 64 66.6 46.0 69.0
 63 33.0 23.4 35.0



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: 26.772 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF098509.D

Acq: 14 Sep 2017 00:29

Instrument :

BNA_F

ClientSampleId :

A5972-OT

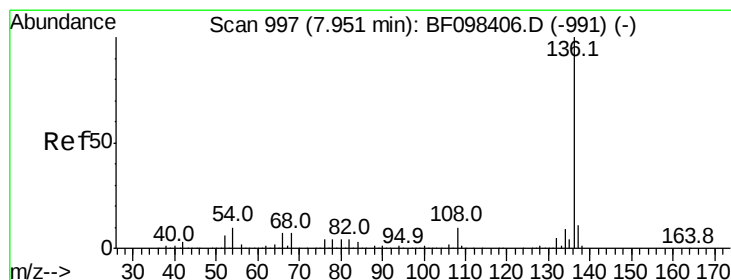
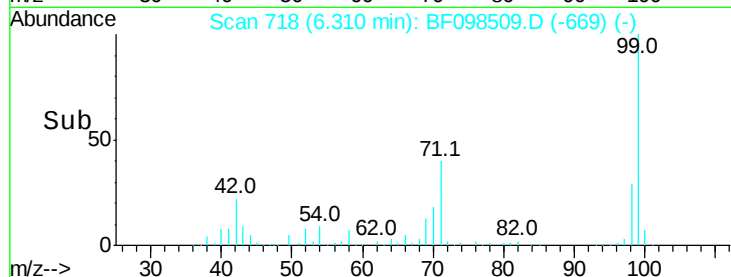
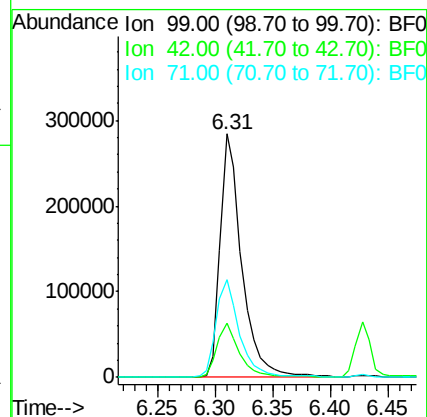
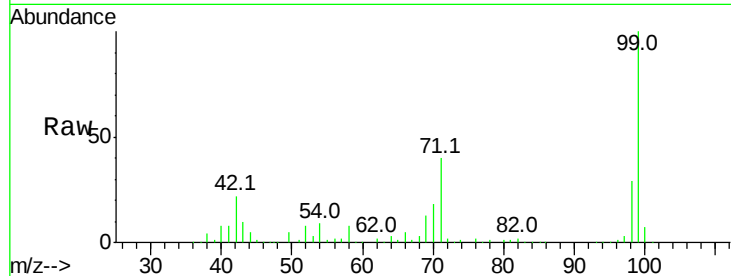
Tot Ion: 99 Resp: 370303

Ion Ratio Lower Upper

99 100

42 22.3 13.5 20.3#

71 40.2 24.5 36.7#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF098509.D

Acq: 14 Sep 2017 00:29

Tgt Ion: 136 Resp: 632080

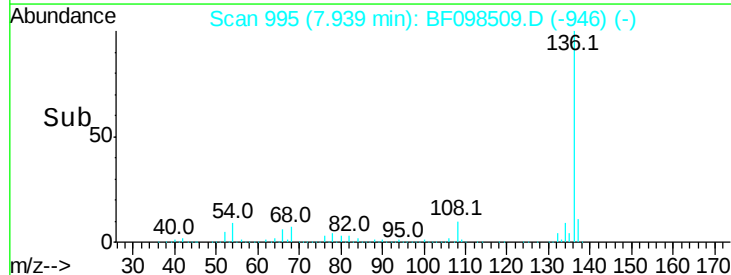
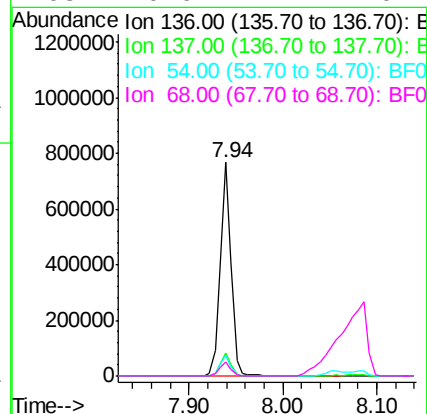
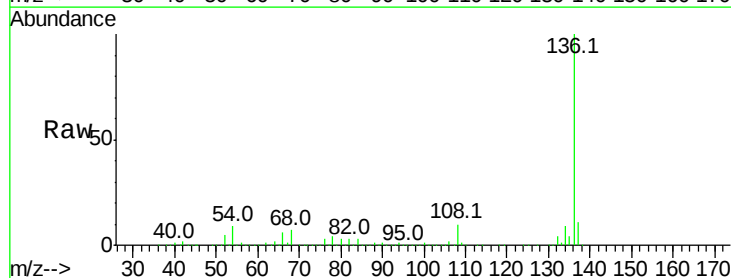
Ion Ratio Lower Upper

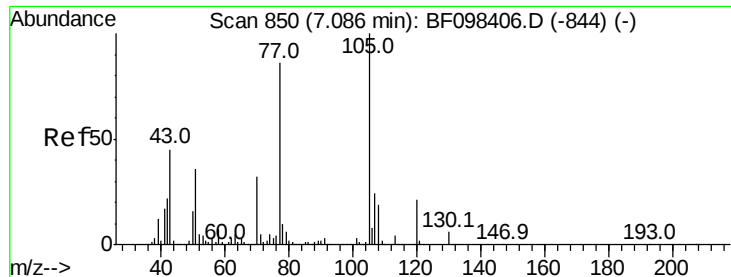
136 100

137 10.9 8.5 12.7

54 9.4 4.9 7.3#

68 6.6 4.1 6.1#





#22

Acetophenone

Concen: 4.435 ng

RT: 7.07 min Scan# 847

Delta R.T. -0.02 min

Lab File: BF098509.D

Acq: 14 Sep 2017 00:29

Instrument :

BNA_F

ClientSampleId :

A5972-OT

Tot Ion:105 Resp: 72448

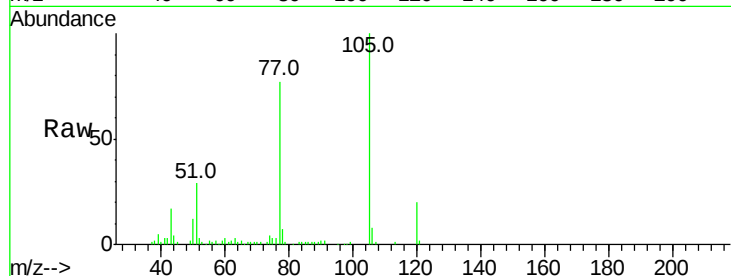
Ion Ratio Lower Upper

105 100

71 0.6 2.8 4.2#

51 28.9 30.7 46.1#

120 20.4 17.4 26.0

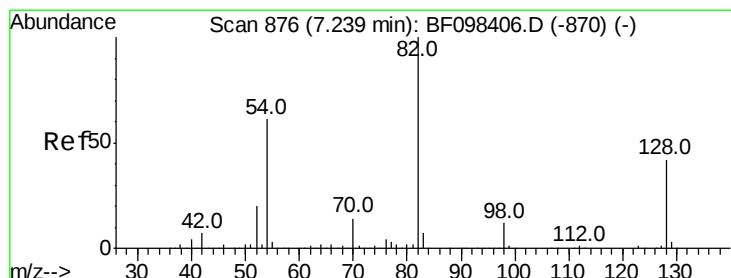
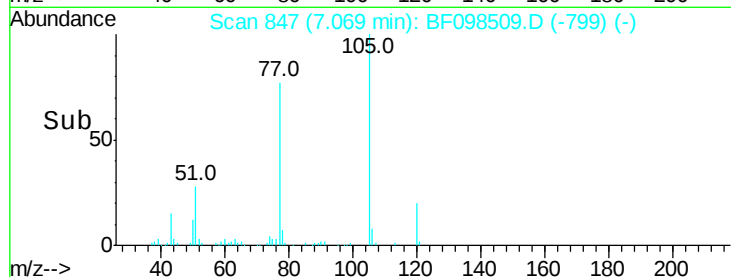
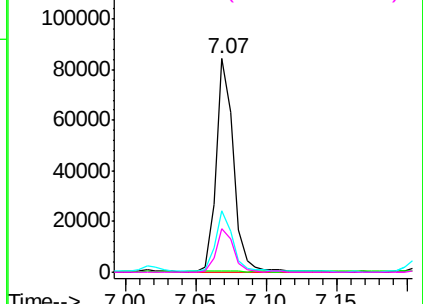


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 68.707 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.01 min

Lab File: BF098509.D

Acq: 14 Sep 2017 00:29

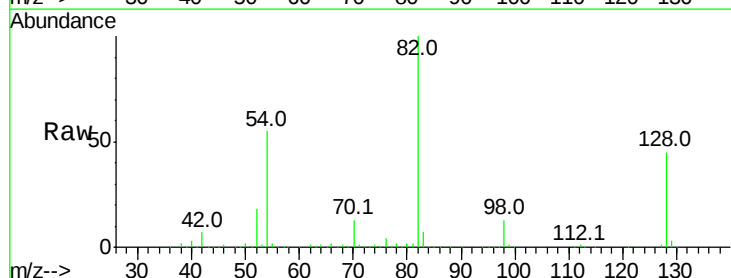
Tgt Ion: 82 Resp: 778990

Ion Ratio Lower Upper

82 100

128 44.8 34.0 51.0

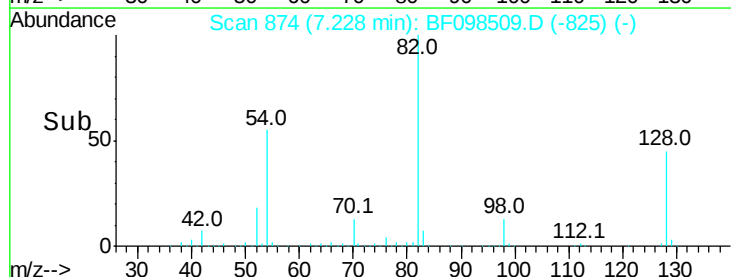
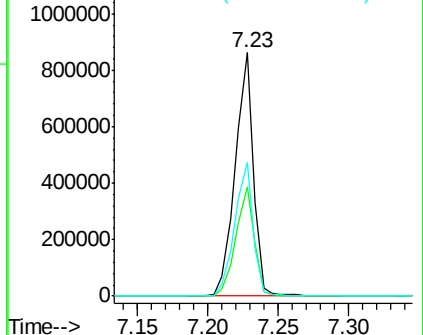
54 54.9 42.2 63.2

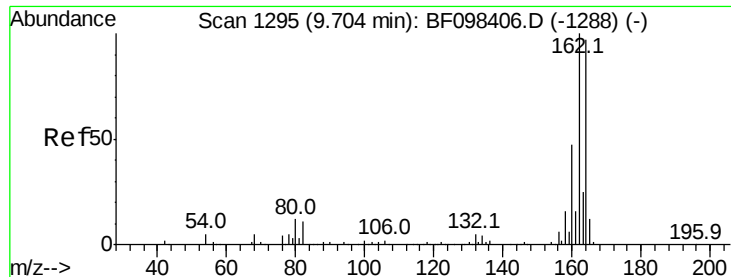


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

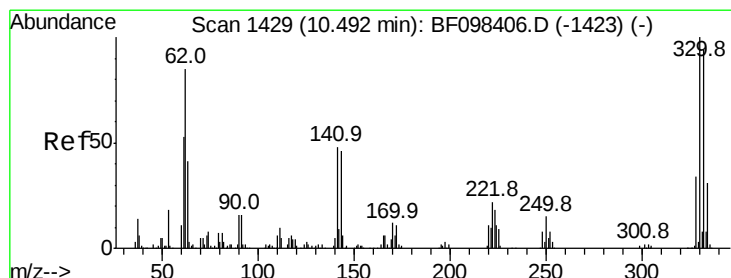
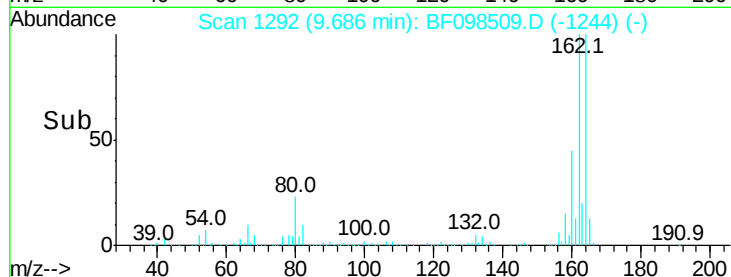
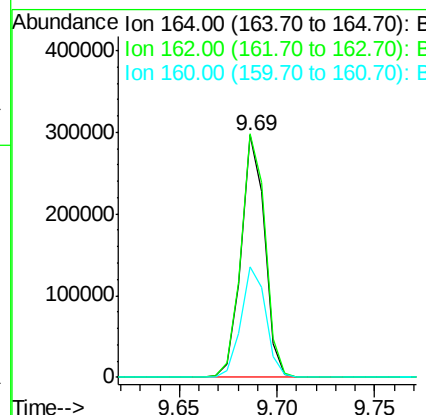
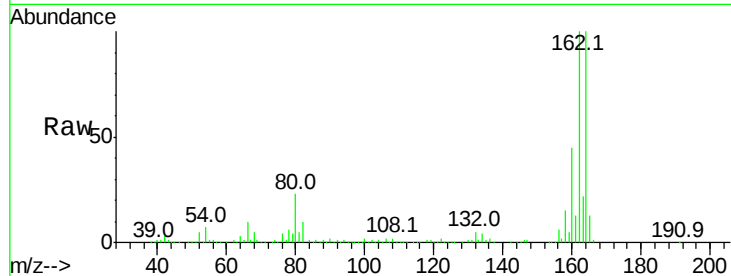




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098509.D
 Acq: 14 Sep 2017 00:29

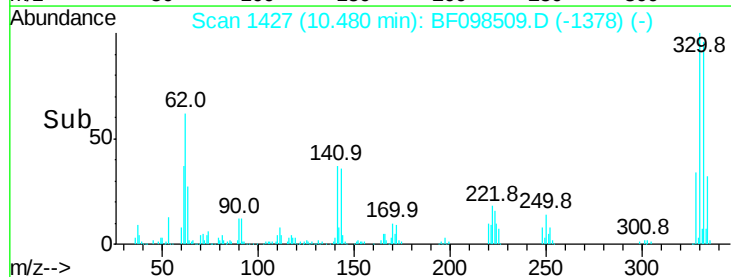
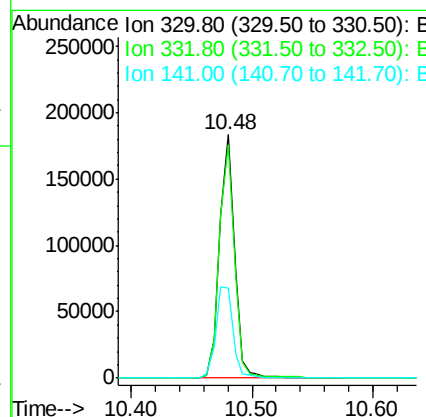
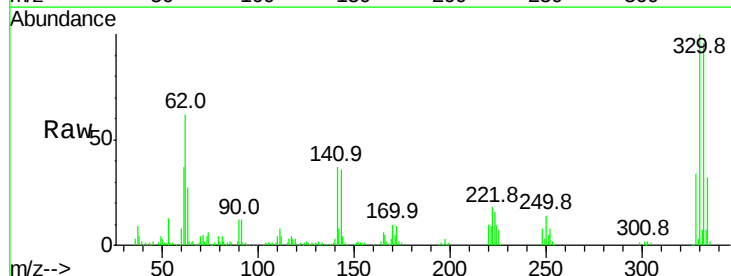
Instrument :
 BNA_F
 ClientSampleId :
 A5972-OT

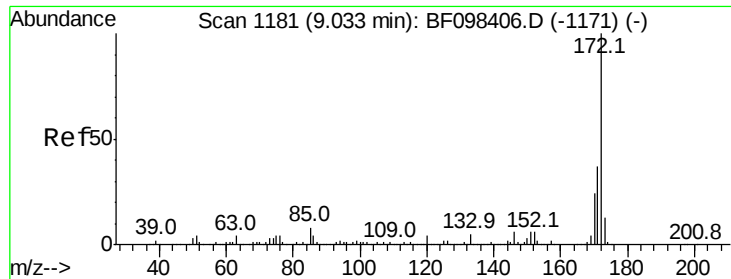
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	82.6	123.8
160	45.5	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 94.602 ng
 RT: 10.48 min Scan# 1427
 Delta R.T. -0.01 min
 Lab File: BF098509.D
 Acq: 14 Sep 2017 00:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.6	115.0
141	42.6	31.4	47.2

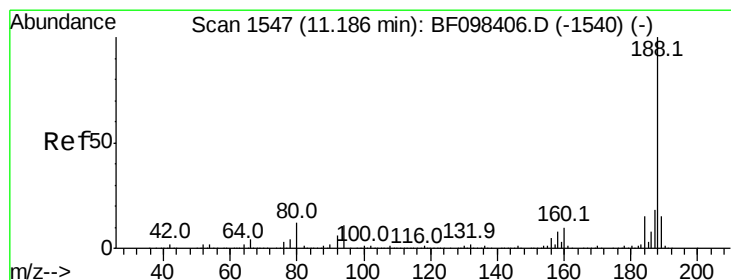
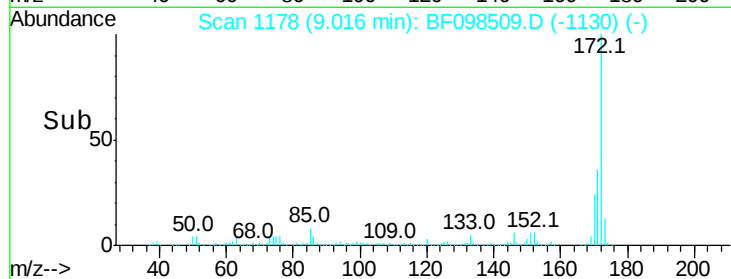
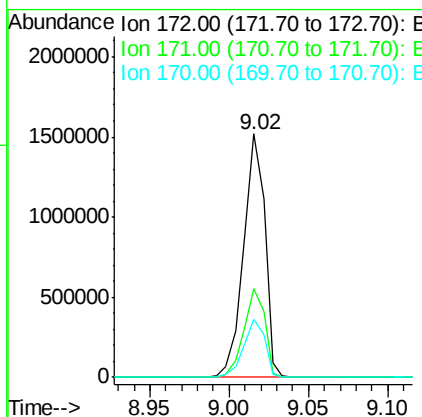
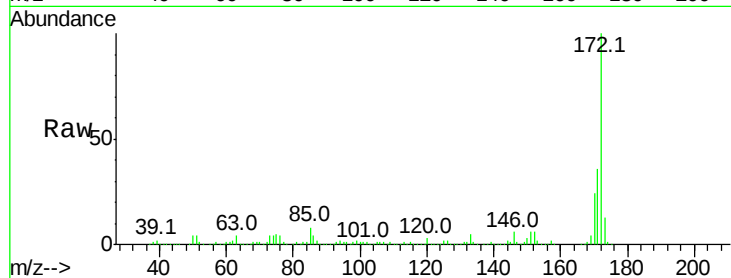




#44
 2-Fluorobiphenyl
 Concen: 96.204 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF098509.D
 Acq: 14 Sep 2017 00:29

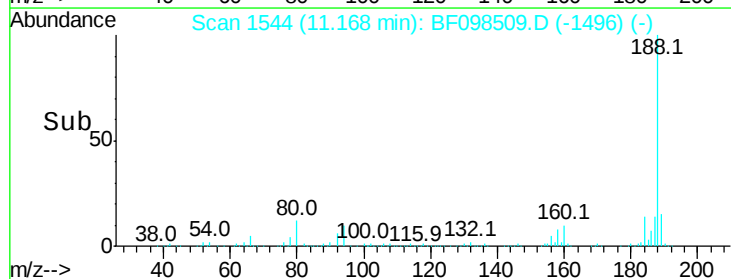
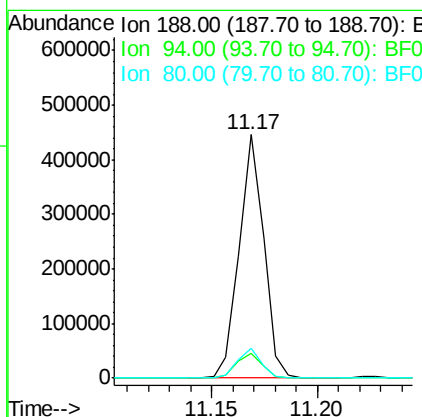
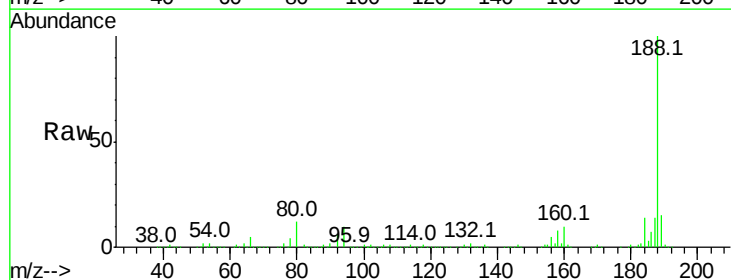
Instrument :
 BNA_F
 ClientSampleId :
 A5972-OT

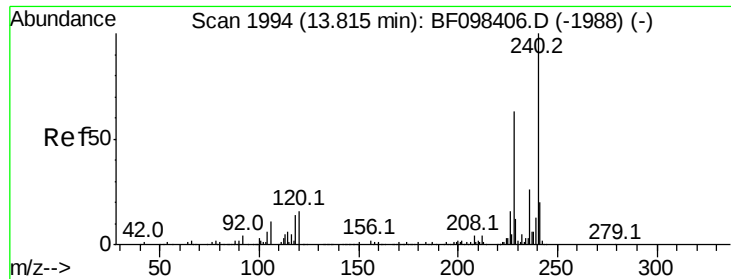
Tot Ion:172 Resp: 1408838
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 23.9 19.8 29.8



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.02 min
 Lab File: BF098509.D
 Acq: 14 Sep 2017 00:29

Tgt Ion:188 Resp: 358203
 Ion Ratio Lower Upper
 188 100
 94 10.4 9.4 14.2
 80 12.0 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BF098509.D

Acq: 14 Sep 2017 00:29

Instrument :

BNA_F

ClientSampleId :

A5972-OT

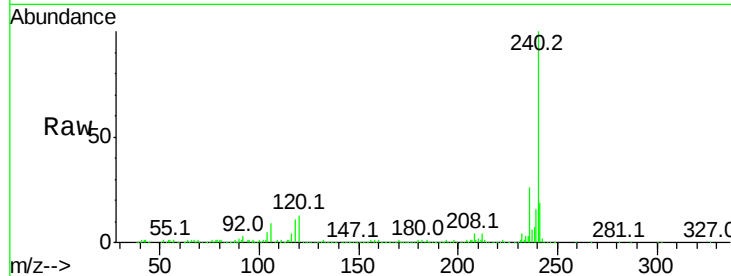
Tot Ion:240 Resp: 338132

Ion Ratio Lower Upper

240 100

120 12.7 5.8 8.8#

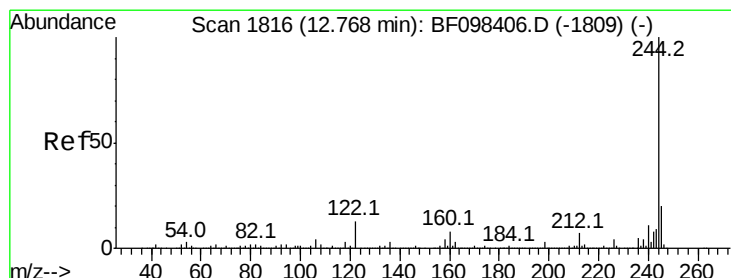
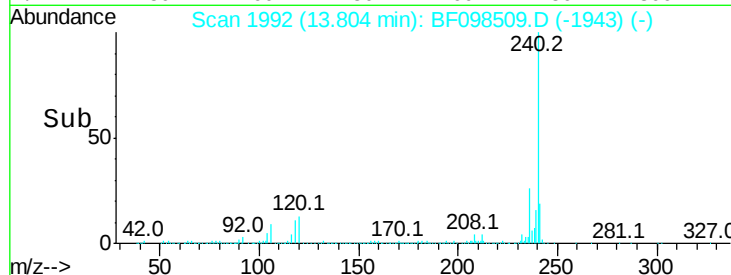
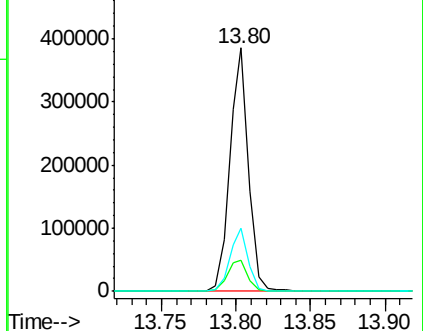
236 26.0 20.5 30.7



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: 57.644 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF098509.D

Acq: 14 Sep 2017 00:29

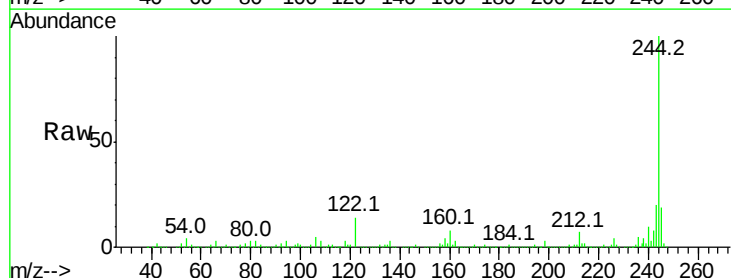
Tgt Ion:244 Resp: 903023

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

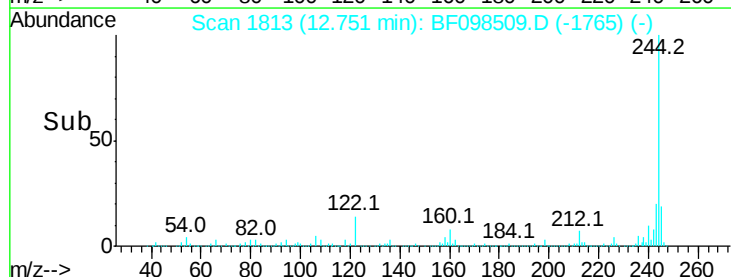
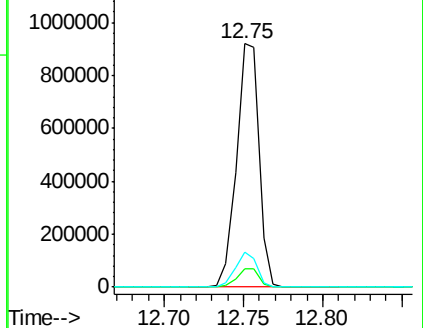
122 14.3 10.3 15.5

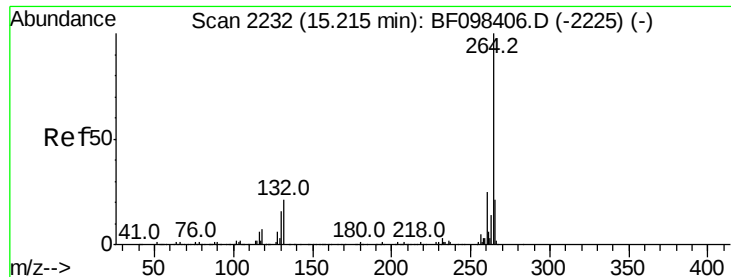


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

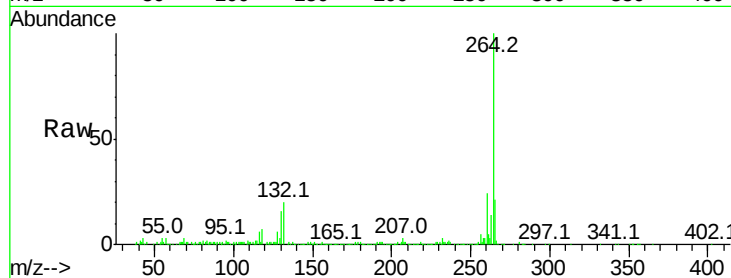




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.01 min
Lab File: BF098509.D
Acq: 14 Sep 2017 00:29

Instrument :
BNA_F
ClientSampleId :
A5972-OT

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8



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

