

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF091317\
 Data File : BF098484.D
 Acq On : 13 Sep 2017 12:33
 Operator : SJ/JU
 Sample : PB102212BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BL

Quant Time: Sep 13 13:42:43 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	6.65	152	168815	20.00	ng	-0.02
21) Naphthalene-d8	7.93	136	695811	20.00	ng	-0.02
38) Acenaphthene-d10	9.69	164	313788	20.00	ng	-0.02
63) Phenanthrene-d10	11.16	188	599820	20.00	ng	-0.02
75) Chrysene-d12	13.80	240	518984	20.00	ng	-0.02
86) Perylene-d12	15.20	264	449656	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	1433601	125.56	ng	0.00
7) Phenol-d6	6.30	99	1731881	119.47	ng	-0.02
23) Nitrobenzene-d5	7.22	82	1075861	86.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.47	330	305368	145.81	ng	-0.02
44) 2-Fluorobiphenyl	9.01	172	1804339	97.46	ng	-0.02
78) Terphenyl-d14	12.76	244	1684873	70.07	ng	-0.01

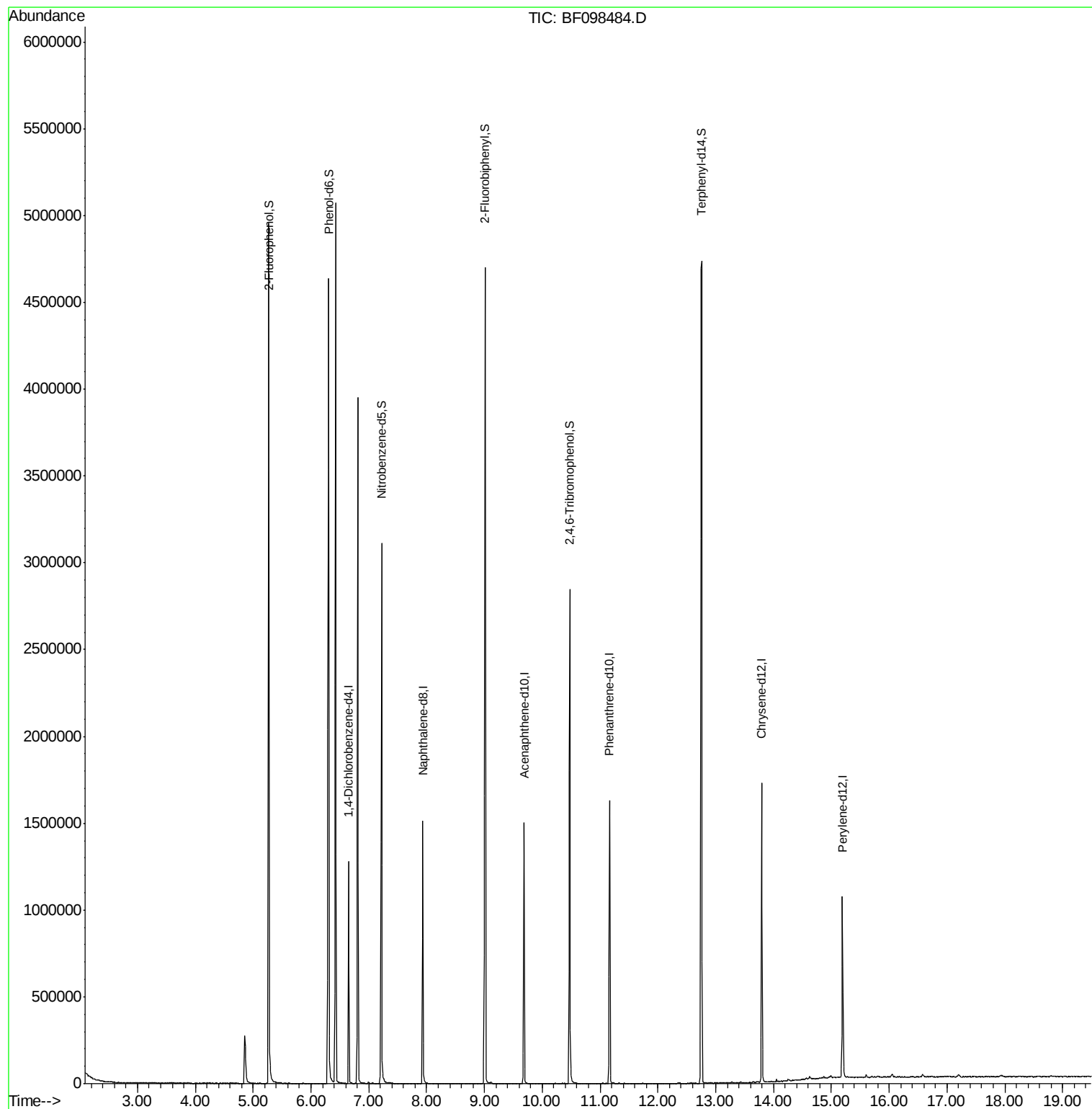
Target Compounds Qvalue

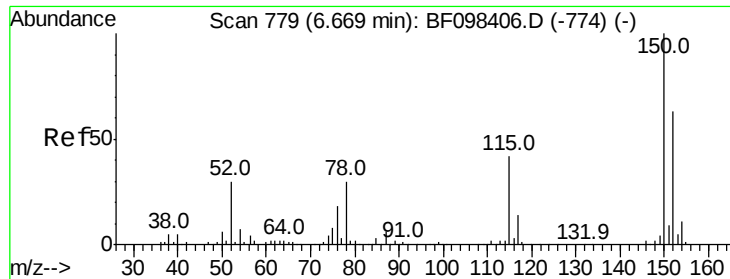
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

PB102212BL

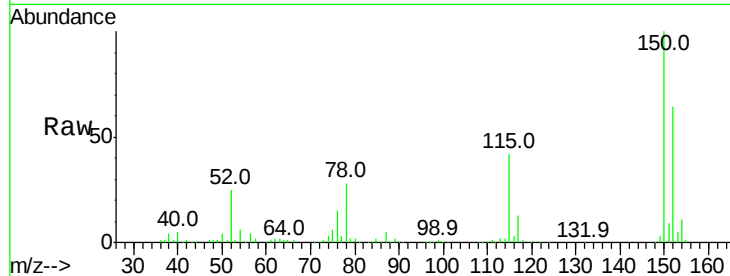
Tot Ion:152 Resp: 168815

Ion Ratio Lower Upper

152 100

150 155.2 126.2 189.2

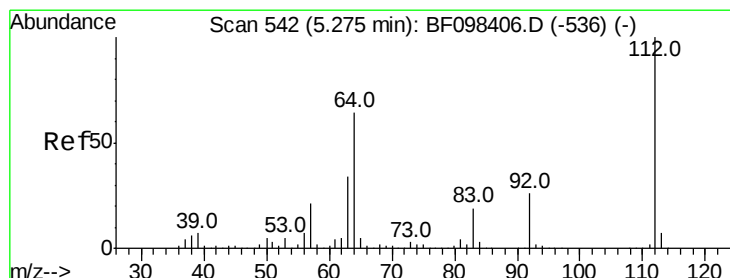
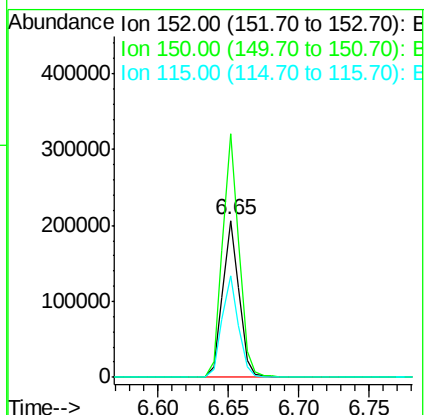
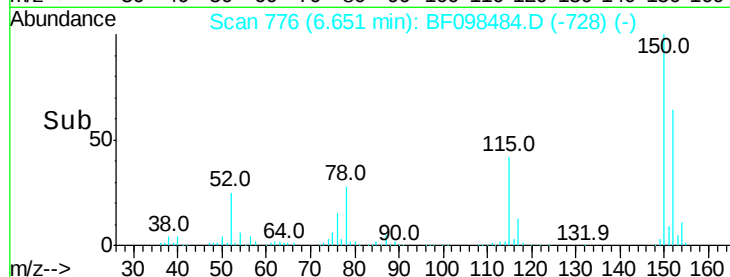
115 65.1 52.2 78.2



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: 125.558 ng

RT: 5.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

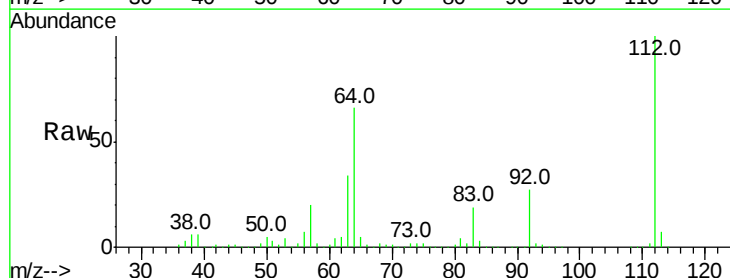
Tgt Ion:112 Resp: 1433601

Ion Ratio Lower Upper

112 100

64 65.8 46.0 69.0

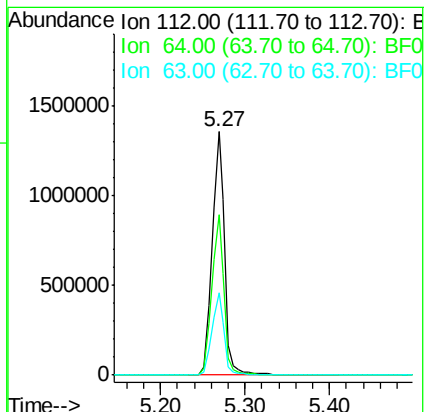
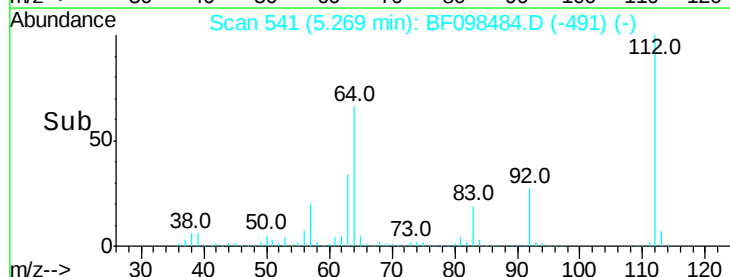
63 33.6 23.4 35.0



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: 119.467 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

PB102212BL

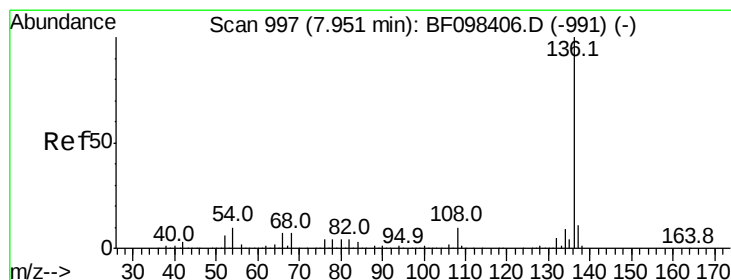
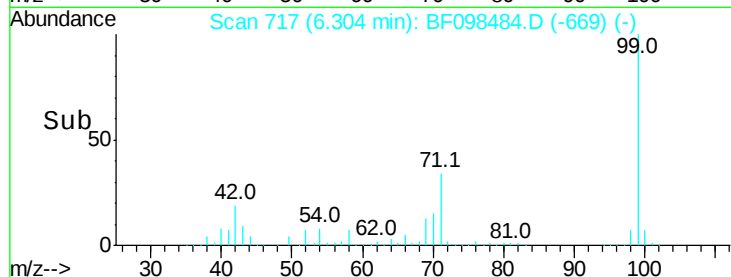
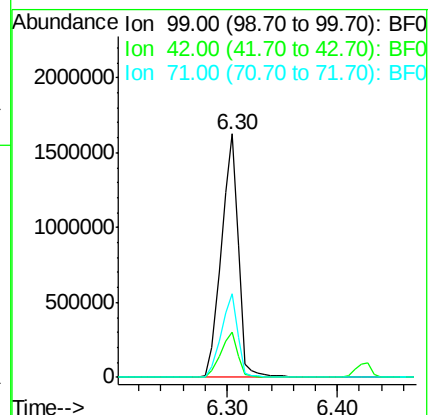
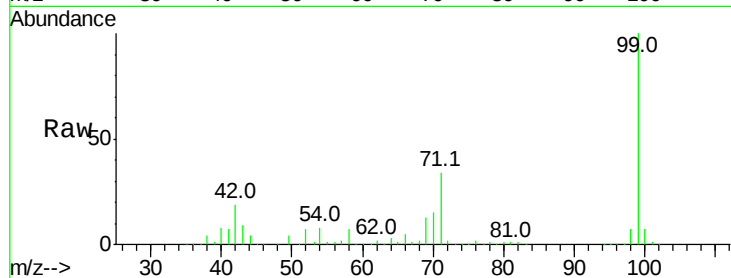
Tot Ion: 99 Resp: 1731881

Ion	Ratio	Lower	Upper
99	100		
42	18.5	13.5	20.3
71	34.3	24.5	36.7

99 100

42 18.5 13.5 20.3

71 34.3 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 994

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Tgt Ion: 136 Resp: 695811

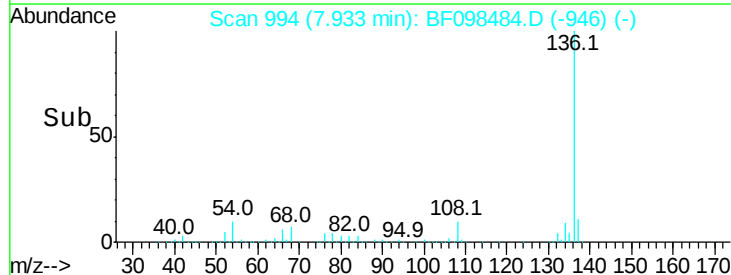
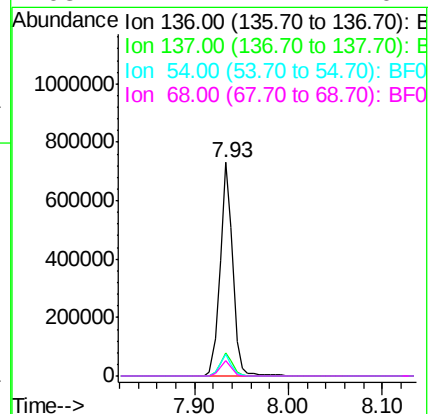
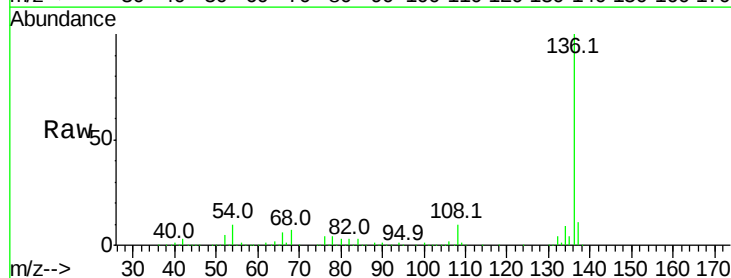
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.2	4.9	7.3#
68	7.1	4.1	6.1#

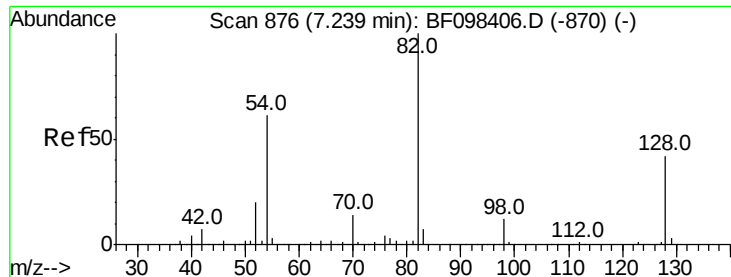
136 100

137 10.9 8.5 12.7

54 10.2 4.9 7.3#

68 7.1 4.1 6.1#

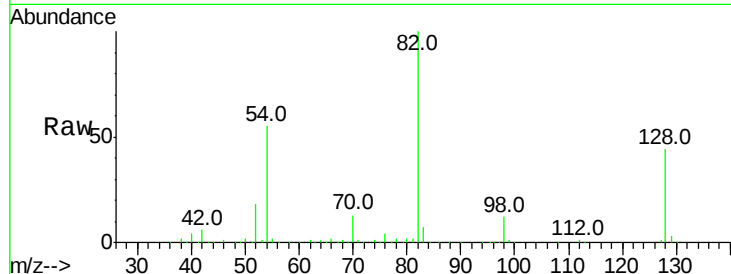




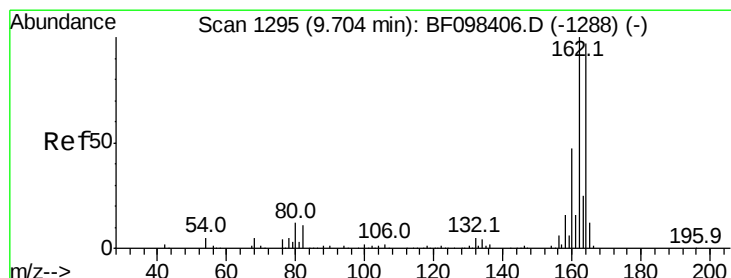
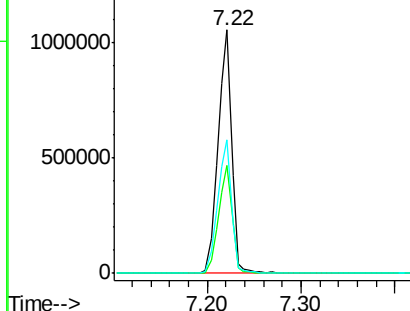
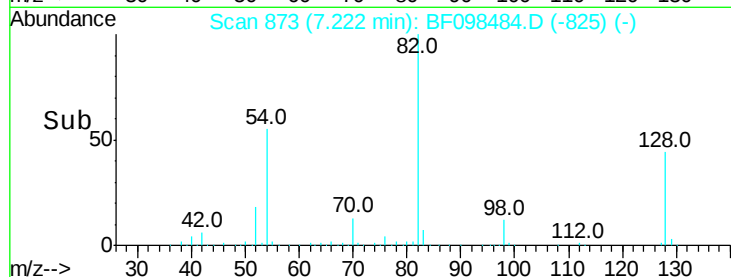
#23
 Nitrobenzene-d5
 Concen: 86.200 ng
 RT: 7.22 min Scan# 873
 Delta R.T. -0.02 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BL

Tot Ion: 82 Resp: 1075861
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 54.9 42.2 63.2

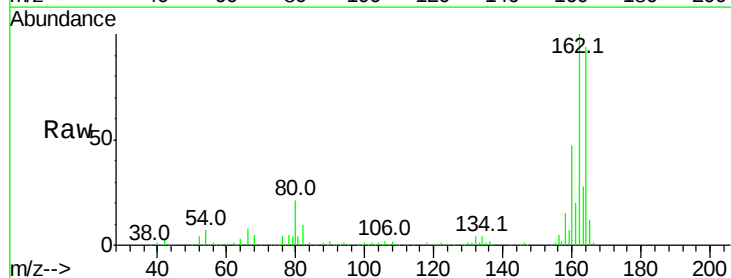


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

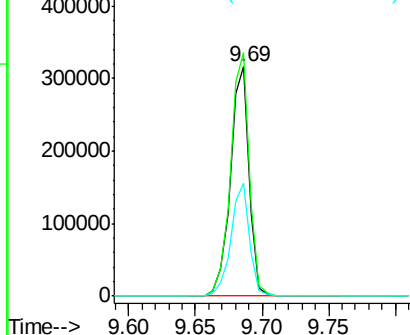
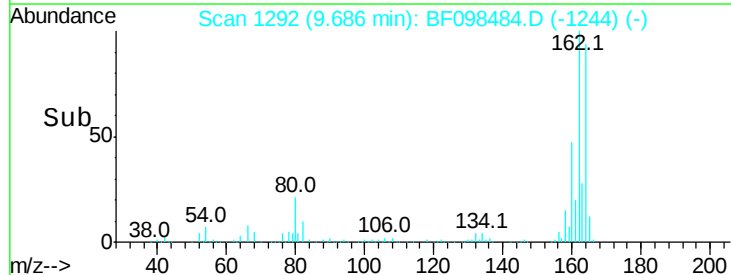


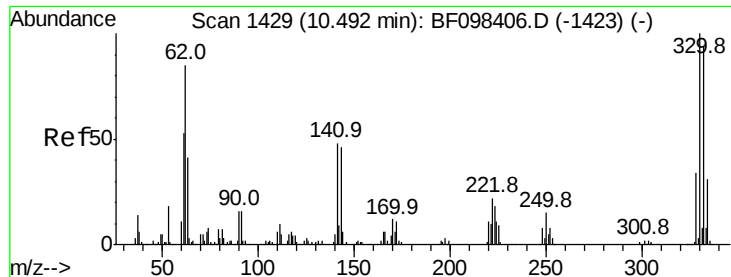
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.69 min Scan# 1292
 Delta R.T. -0.02 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Tgt Ion:164 Resp: 313788
 Ion Ratio Lower Upper
 164 100
 162 106.1 82.6 123.8
 160 49.4 36.2 54.2



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

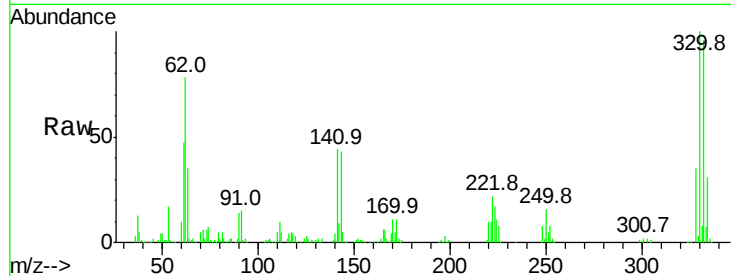




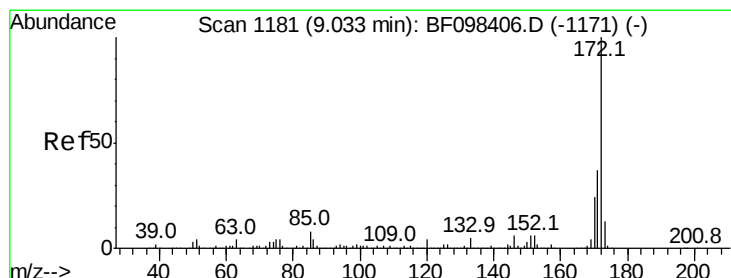
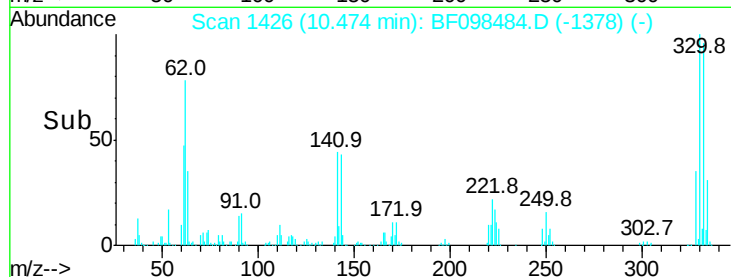
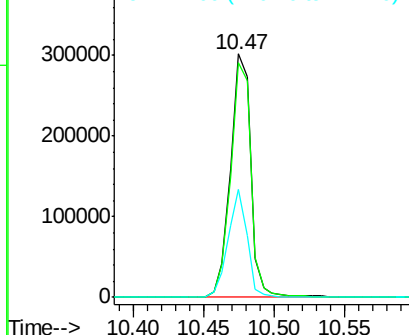
#41
 2,4,6-Tribromophenol
 Concen: 145.811 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.02 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Instrument :
 BNA_F
 ClientSampleId :
 PB102212BL

Tot Ion:330 Resp: 305368
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.6 115.0
 141 41.6 31.4 47.2

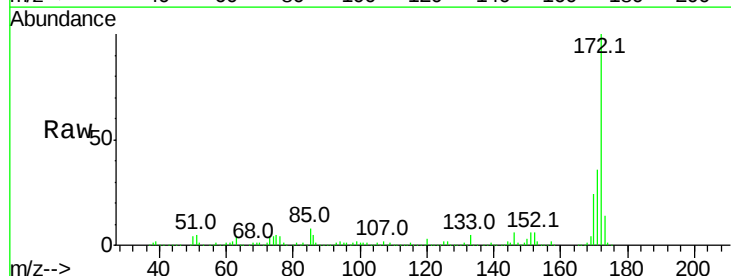


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

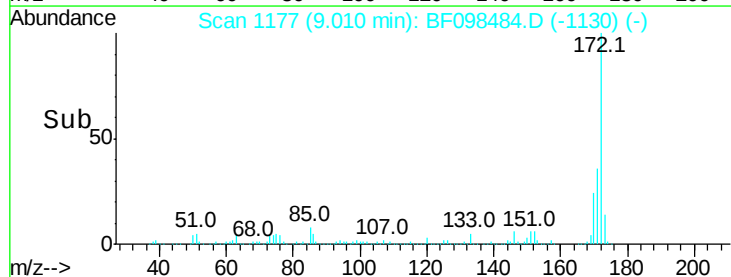
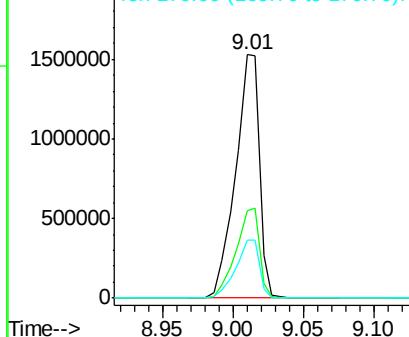


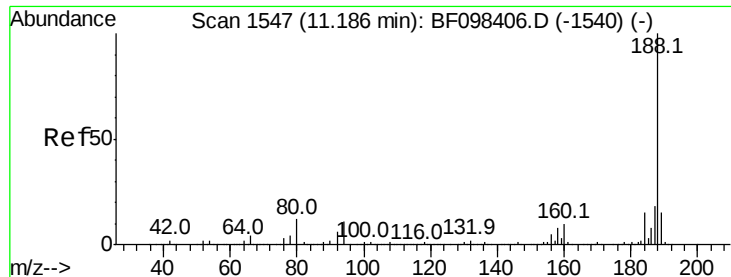
#44
 2-Fluorobiphenyl
 Concen: 97.461 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.02 min
 Lab File: BF098484.D
 Acq: 13 Sep 2017 12:33

Tgt Ion:172 Resp: 1804339
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.7 19.8 29.8



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

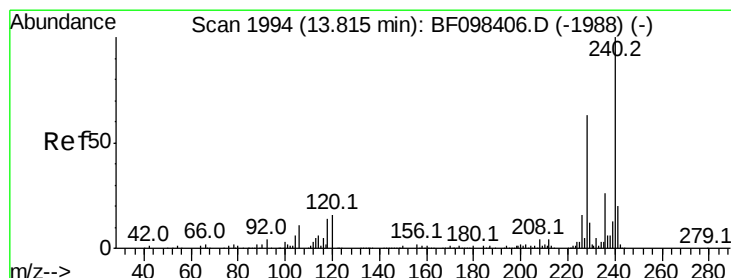
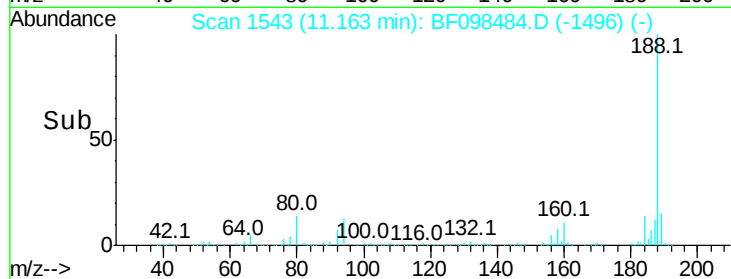
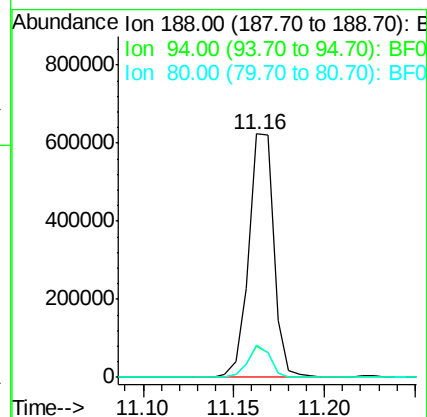
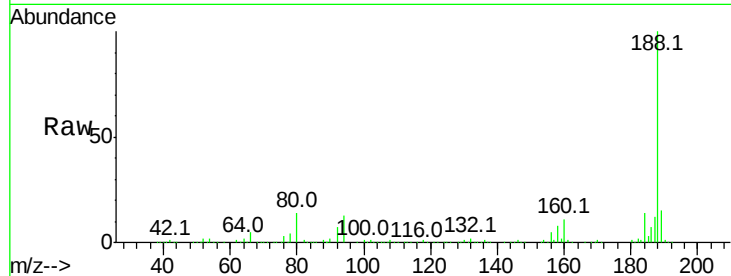




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.16 min Scan# 1543
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

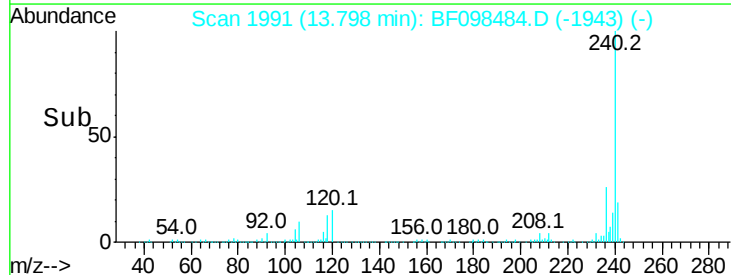
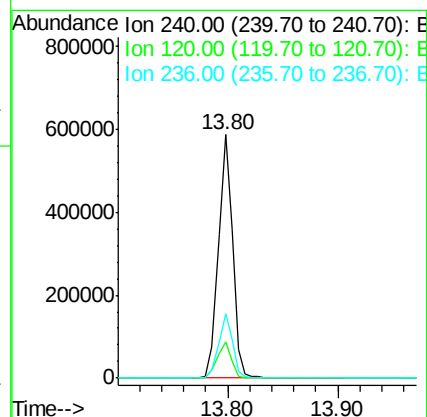
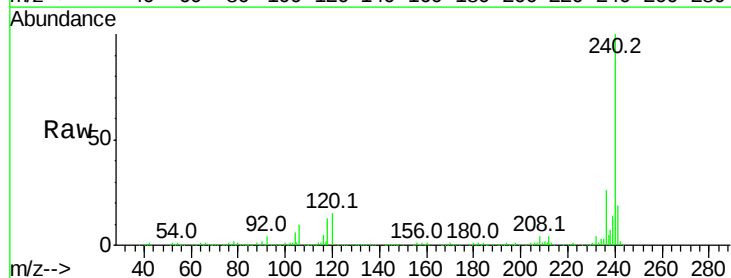
Instrument :
BNA_F
ClientSampleId :
PB102212BL

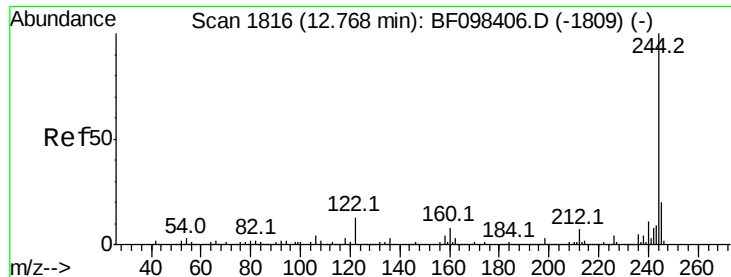
Tot Ion:188 Resp: 599820
Ion Ratio Lower Upper
188 100
94 12.7 9.4 14.2
80 13.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1991
Delta R.T. -0.02 min
Lab File: BF098484.D
Acq: 13 Sep 2017 12:33

Tgt Ion:240 Resp: 518984
Ion Ratio Lower Upper
240 100
120 15.1 5.8 8.8#
236 26.3 20.5 30.7





#78

Terphenyl-d14

Concen: 70.074 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

Instrument :

BNA_F

ClientSampleId :

PB102212BL

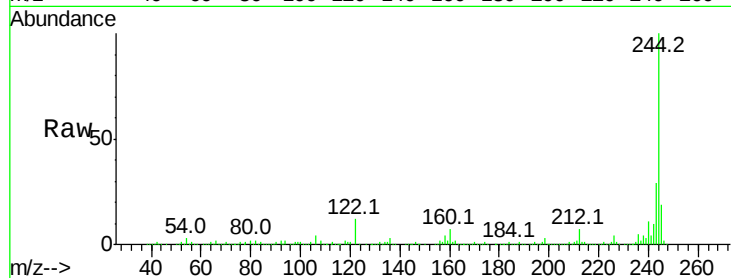
Tot Ion:244 Resp: 1684873

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

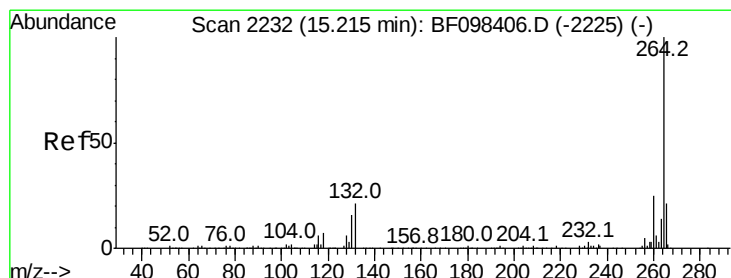
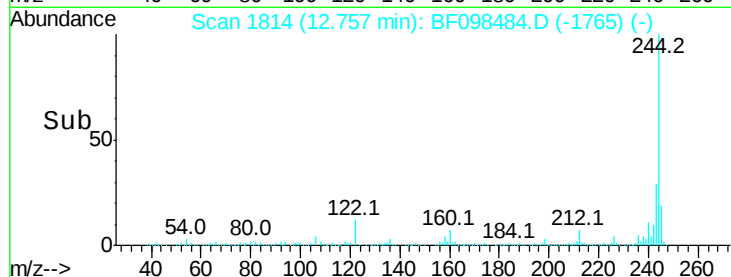
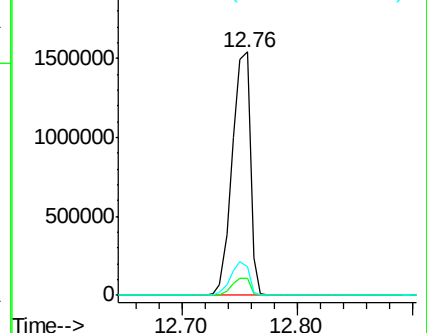
122 11.9 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.02 min

Lab File: BF098484.D

Acq: 13 Sep 2017 12:33

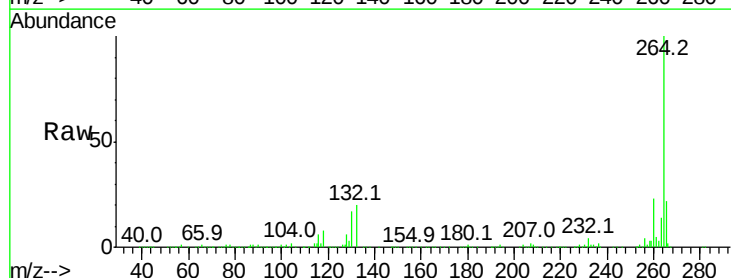
Tgt Ion:264 Resp: 449656

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 21.7 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

