

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090117\
 Data File : BF098216.D
 Acq On : 1 Sep 2017 10:29
 Operator : SJ/JU
 Sample : PB101969BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Quant Time: Sep 01 13:04:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 01 12:59:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	108788	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	439311	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	206642	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	429459	20.00	ng	0.00
75) Chrysene-d12	13.87	240	325016	20.00	ng	0.00
86) Perylene-d12	15.28	264	232089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	897972	125.55	ng	0.01
7) Phenol-d6	6.37	99	1221327	125.68	ng	0.00
23) Nitrobenzene-d5	7.29	82	747555	92.44	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	258220	144.02	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	1163058	82.69	ng	0.00
78) Terphenyl-d14	12.82	244	1115050	71.54	ng	0.00

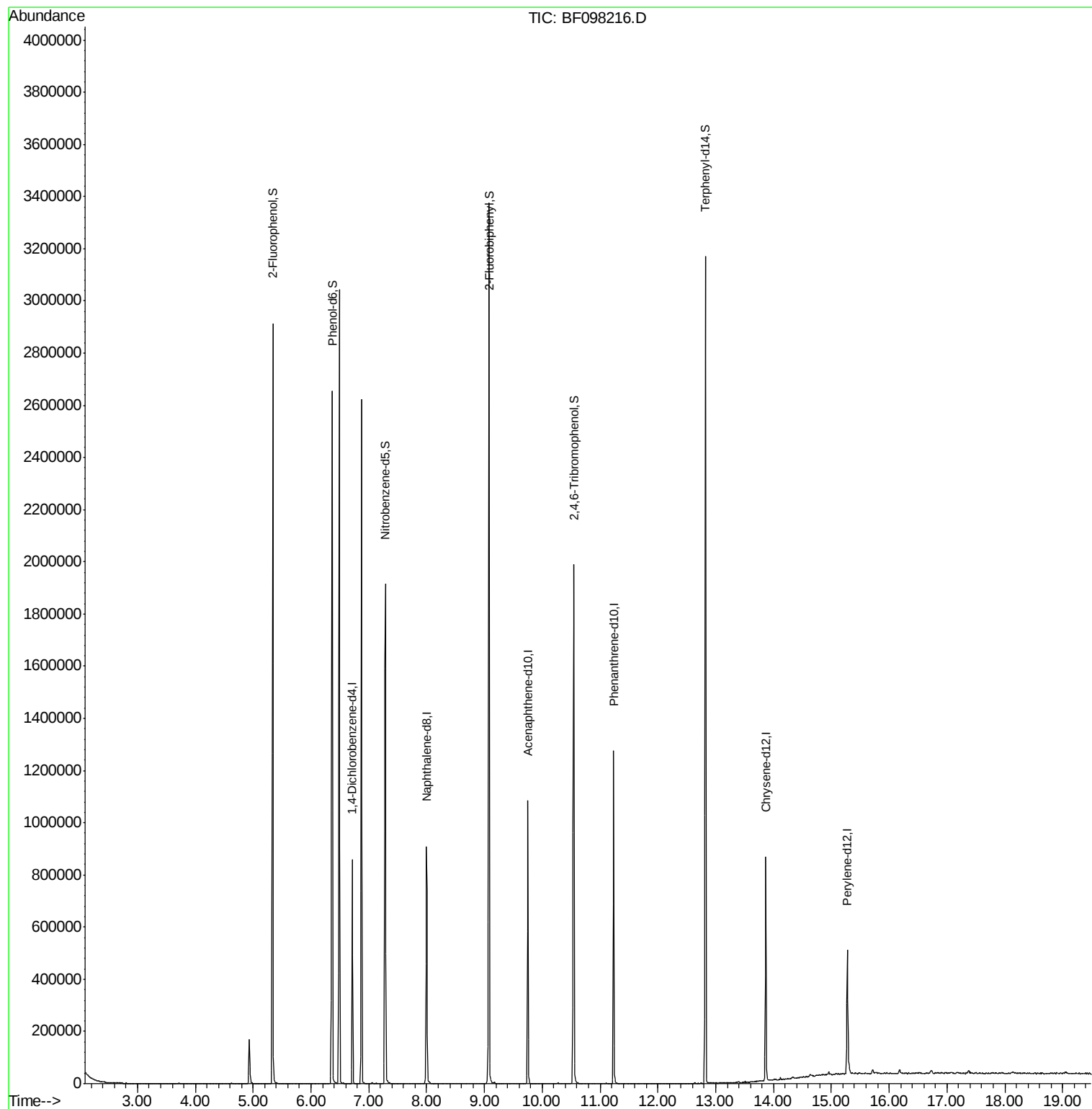
Target Compounds Qvalue

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

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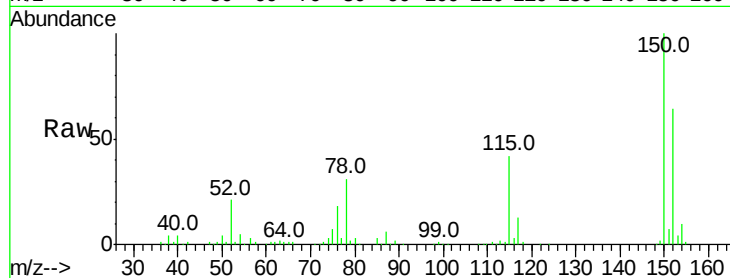


#1

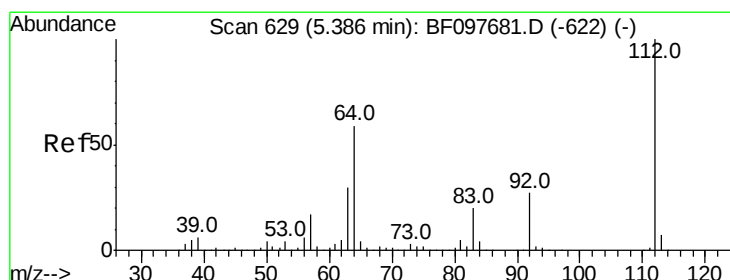
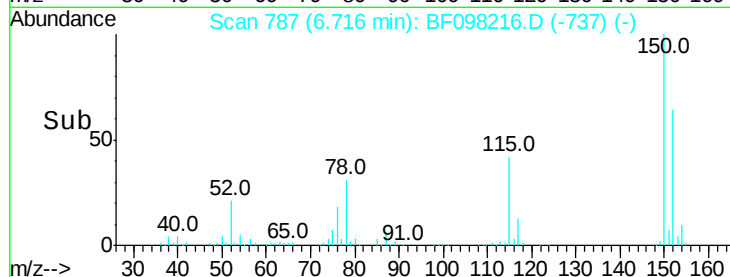
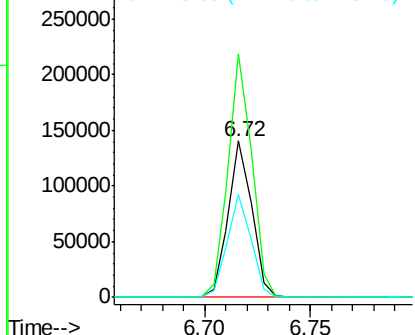
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Tot Ion:152 Resp: 108788
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.2 189.2
 115 66.0 52.2 78.2



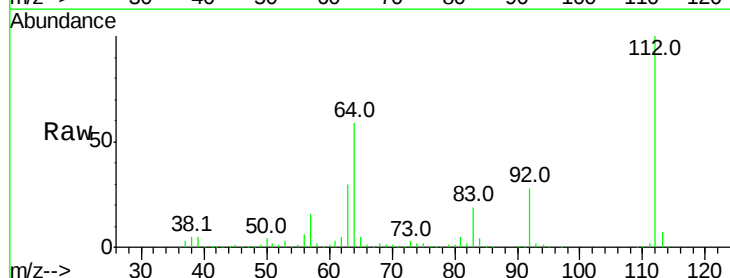
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



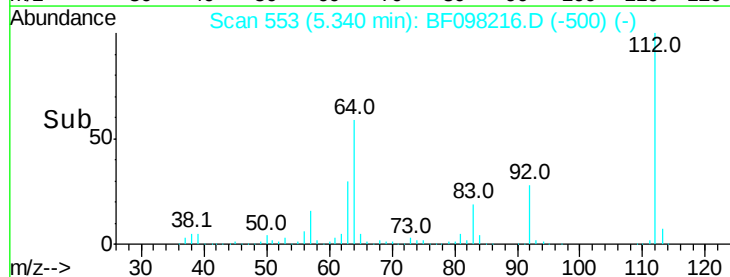
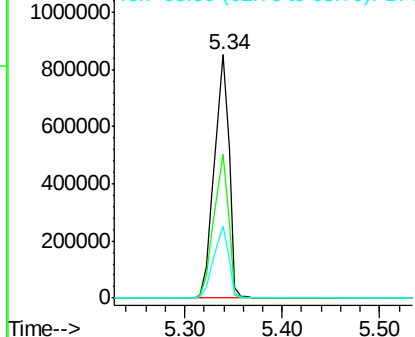
#5

2-Fluorophenol
 Concen: 125.554 ng
 RT: 5.34 min Scan# 553
 Delta R.T. 0.01 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion:112 Resp: 897972
 Ion Ratio Lower Upper
 112 100
 64 59.2 46.0 69.0
 63 29.7 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: 125.682 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Instrument :

BNA_F

ClientSampleId :

PB101969BL

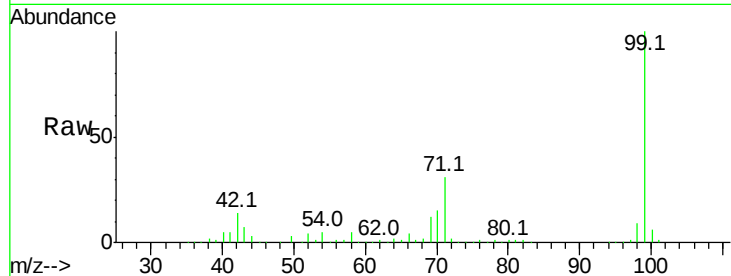
Tot Ion: 99 Resp: 1221327

Ion Ratio Lower Upper

99 100

42 13.7 13.5 20.3

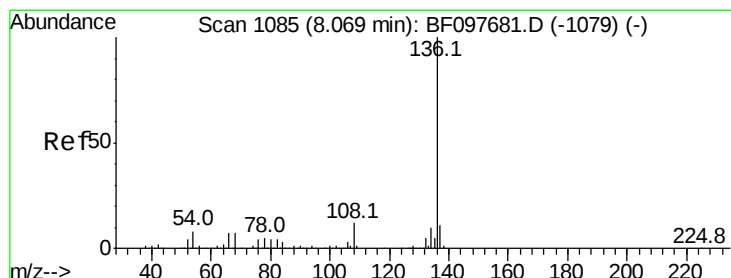
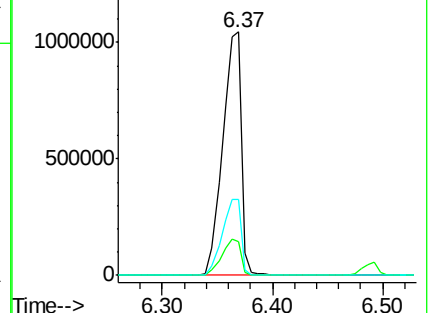
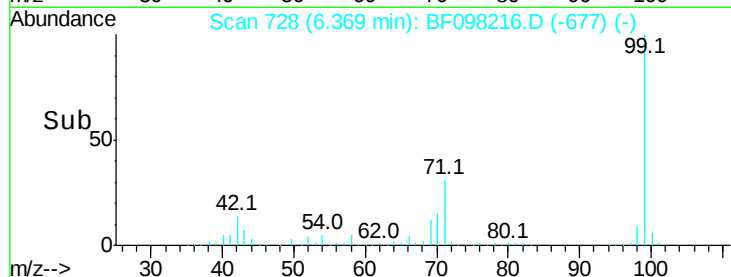
71 31.1 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Tgt Ion: 136 Resp: 439311

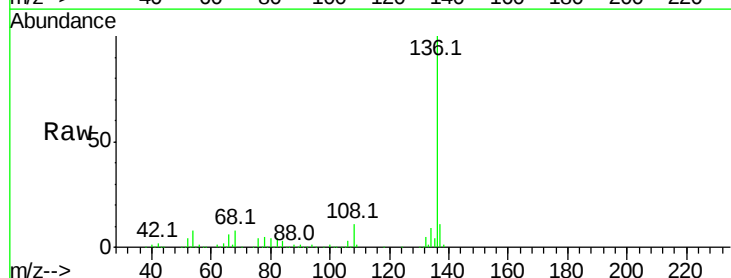
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.1 4.9 7.3#

68 7.5 4.1 6.1#

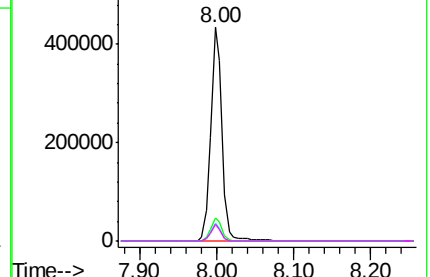
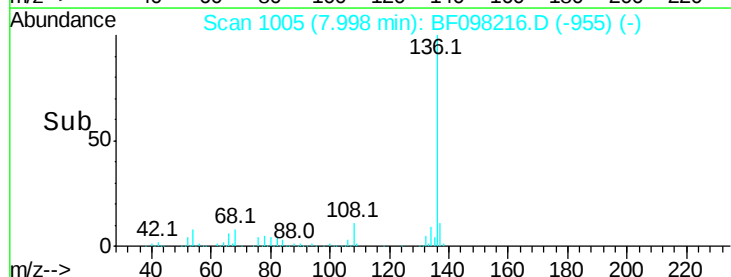


Abundance Ion 136.00 (135.70 to 136.70): E

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

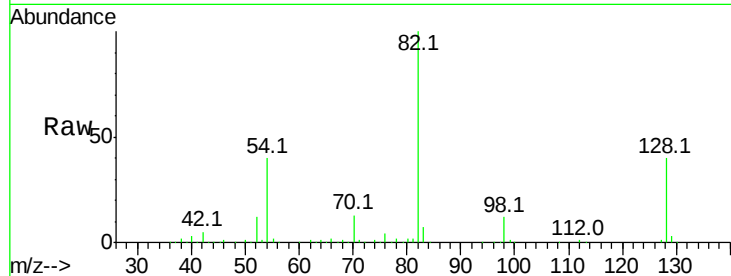




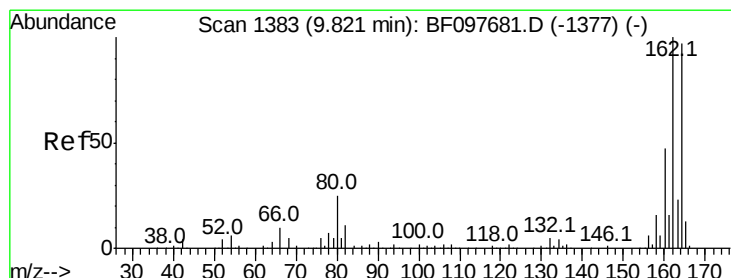
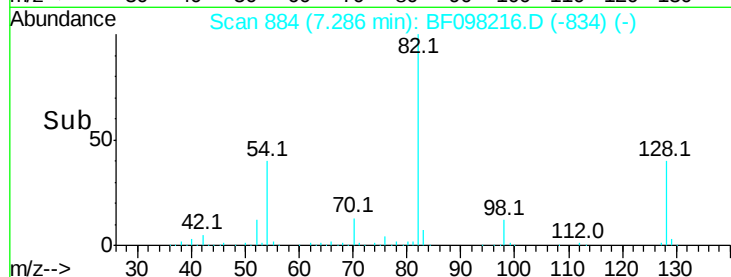
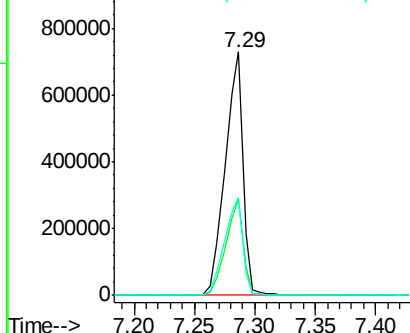
#23
 Nitrobenzene-d5
 Concen: 92.442 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Tot Ion	82	Resp	747555
Ion Ratio	100	Lower	Upper
128	39.6	34.0	51.0
54	40.0	42.2	63.2#

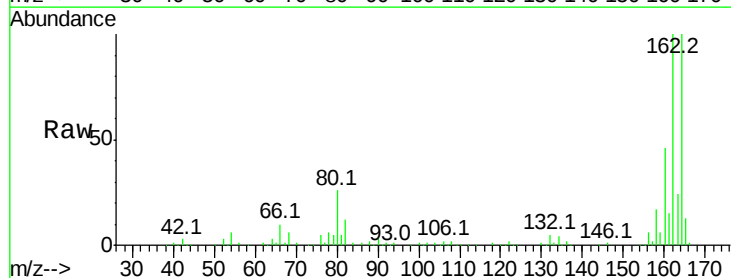


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

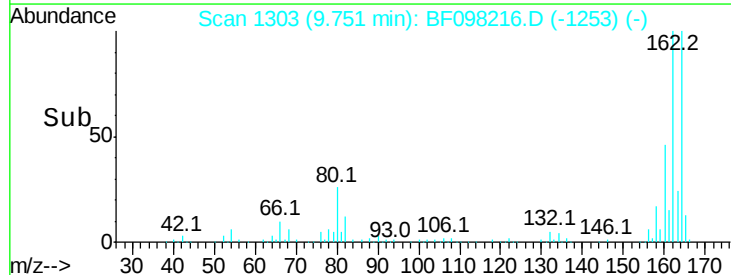
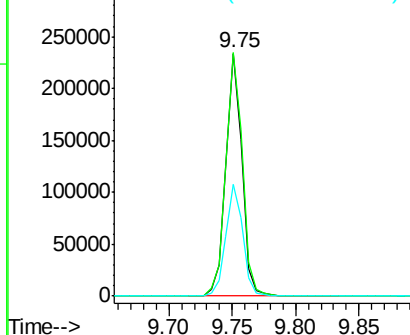


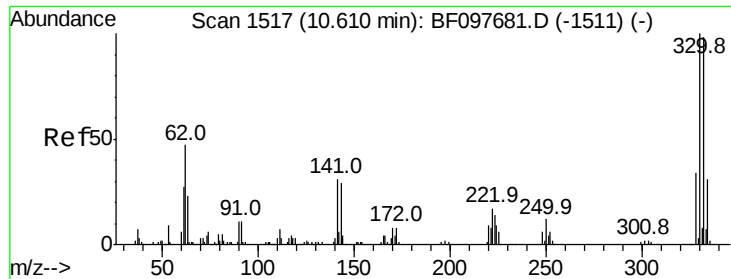
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.01 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion	164	Resp	206642
Ion Ratio	100	Lower	Upper
162	100.3	82.6	123.8
160	46.2	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

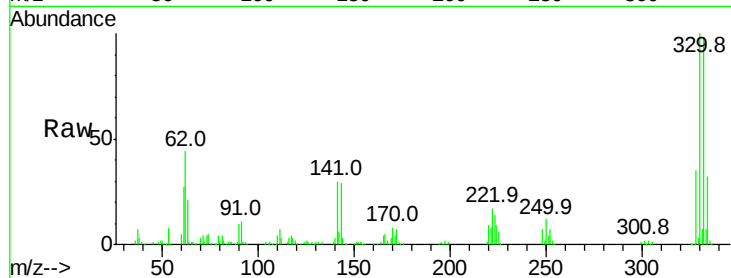




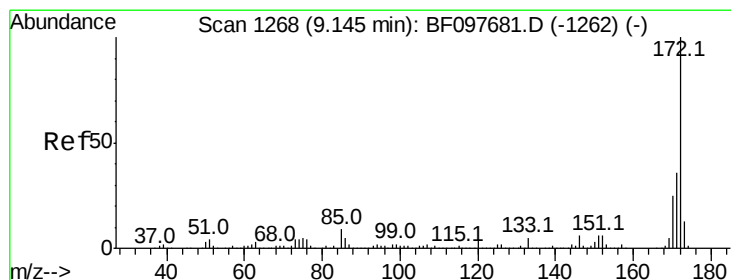
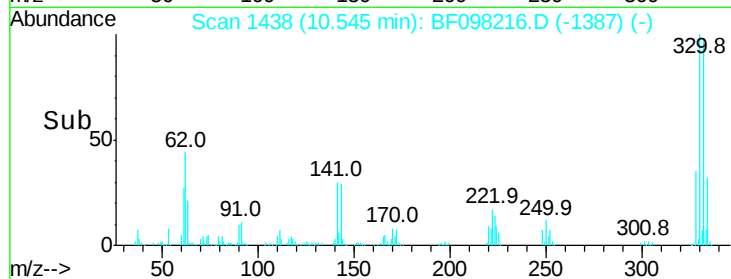
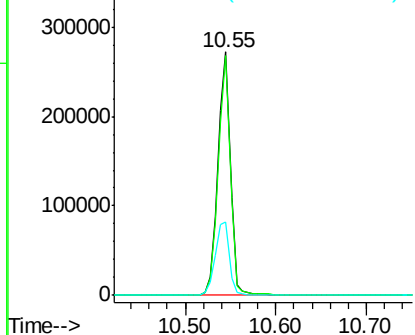
#41
 2,4,6-Tribromophenol
 Concen: 144.019 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Instrument :
 BNA_F
 ClientSampleId :
 PB101969BL

Tot Ion:330 Resp: 258220
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 34.5 31.4 47.2

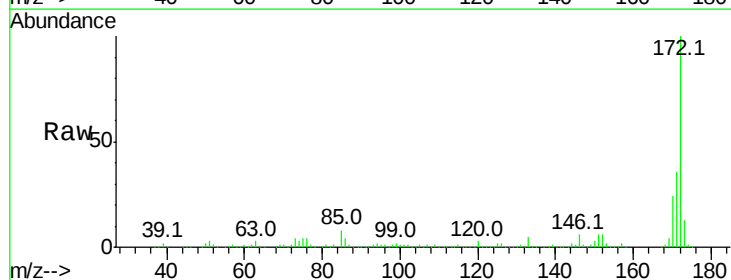


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

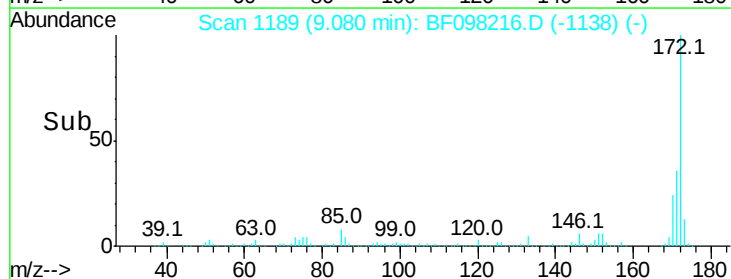
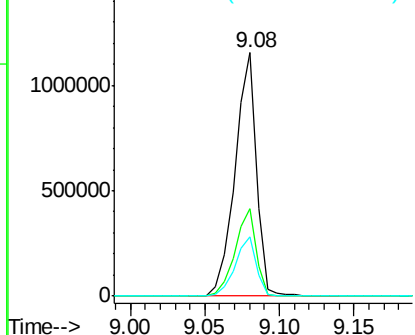


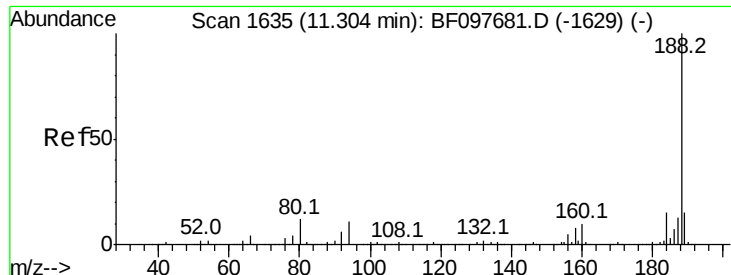
#44
 2-Fluorobiphenyl
 Concen: 82.692 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF098216.D
 Acq: 1 Sep 2017 10:29

Tgt Ion:172 Resp: 1163058
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.1 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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Instrument :

BNA_F

ClientSampleId :

PB101969BL

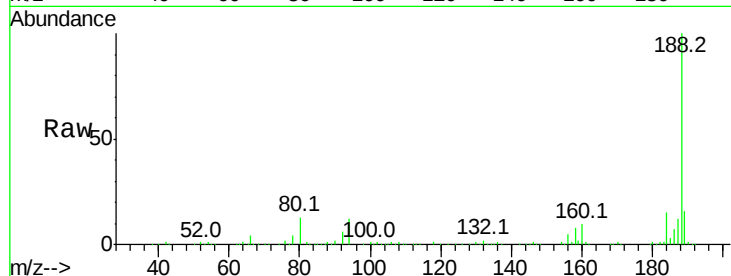
Tot Ion:188 Resp: 429459

Ion Ratio Lower Upper

188 100

94 12.1 9.4 14.2

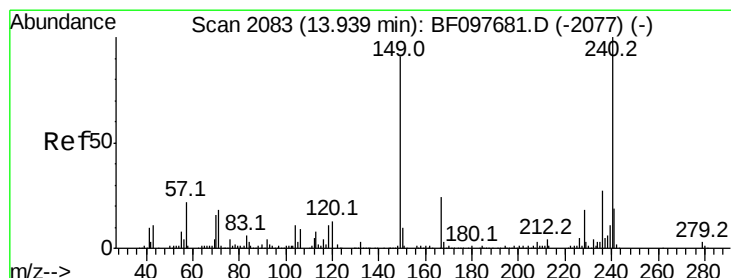
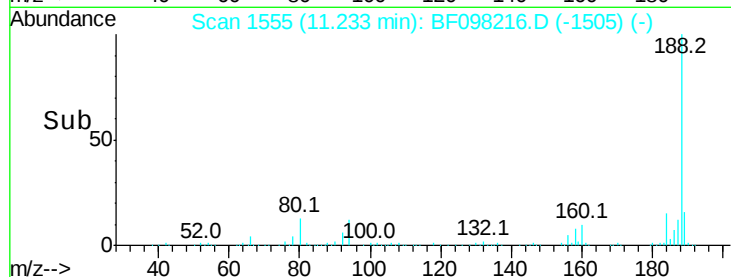
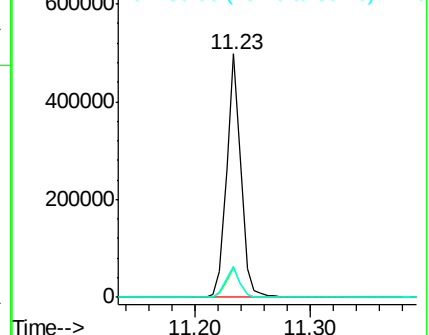
80 12.9 10.2 15.2



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

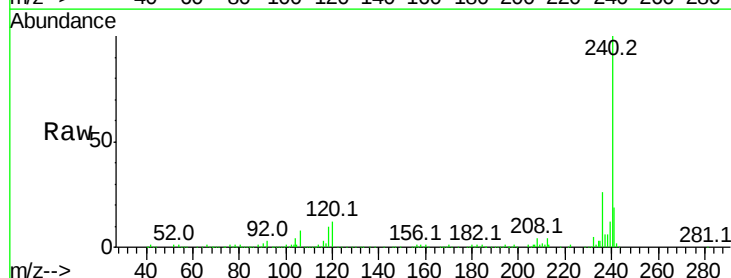
Tgt Ion:240 Resp: 325016

Ion Ratio Lower Upper

240 100

120 12.2 5.8 8.8#

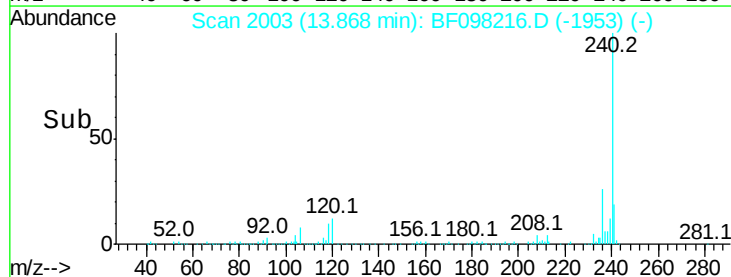
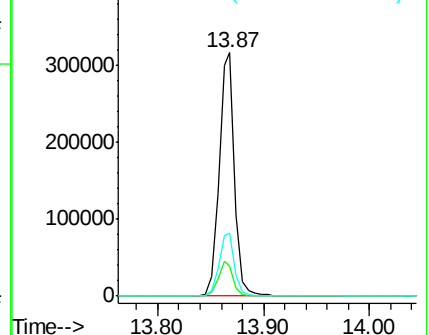
236 26.2 20.5 30.7

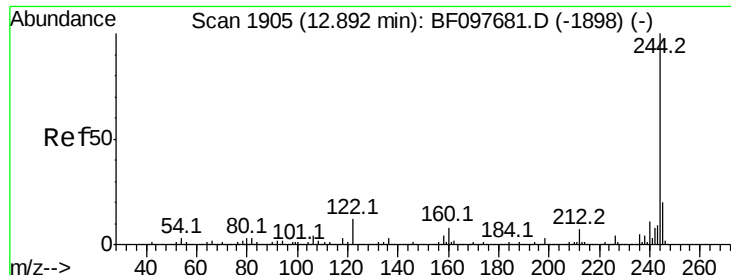


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 71.543 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

Instrument :

BNA_F

ClientSampleId :

PB101969BL

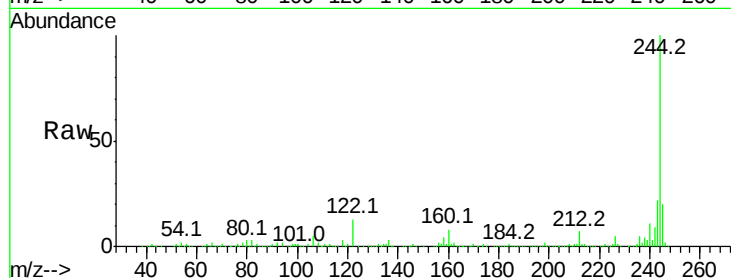
Tot Ion:244 Resp: 1115050

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

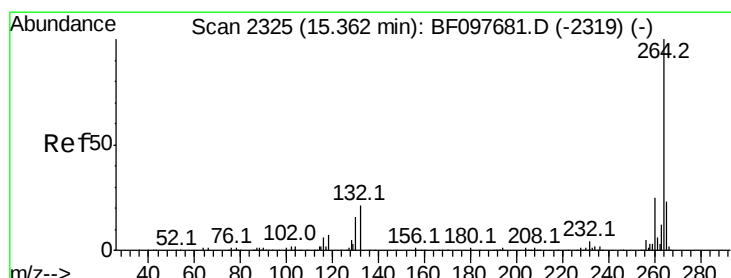
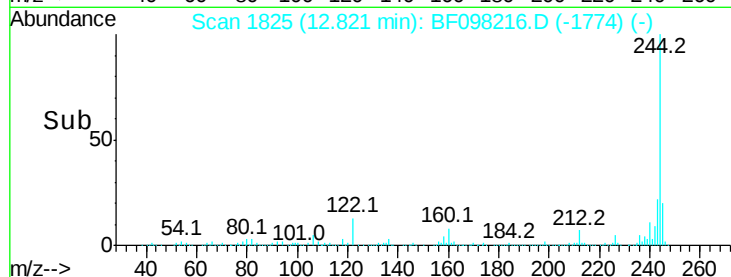
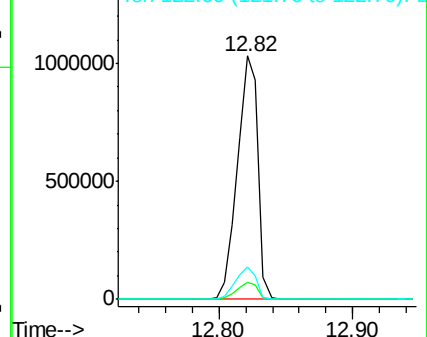
122 13.2 10.3 15.5



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: 15.28 min Scan# 2243

Delta R.T. 0.00 min

Lab File: BF098216.D

Acq: 1 Sep 2017 10:29

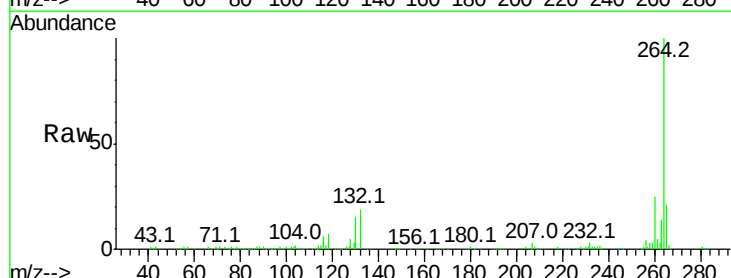
Tgt Ion:264 Resp: 232089

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.3 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

