

Data Path : Z:\HPCHEM1\BNA F\DATA\BF083017\
 Data File : BF098163.D
 Acq On : 30 Aug 2017 18:43
 Operator : SJ/JU
 Sample : PB101906TB
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101906TB

Quant Time: Aug 31 07:22:23 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	113499	20.00	ng	-0.03
21) Naphthalene-d8	8.00	136	462450	20.00	ng	-0.03
38) Acenaphthene-d10	9.76	164	209416	20.00	ng	-0.03
63) Phenanthrene-d10	11.23	188	434718	20.00	ng	-0.03
75) Chrysene-d12	13.87	240	392476	20.00	ng	-0.03
86) Perylene-d12	15.28	264	285733	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	971653	130.22	ng	-0.01
7) Phenol-d6	6.36	99	1286853	126.93	ng	-0.02
23) Nitrobenzene-d5	7.29	82	809664	95.11	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	270147	148.68	ng	-0.03
44) 2-Fluorobiphenyl	9.08	172	1265162	88.76	ng	-0.03
78) Terphenyl-d14	12.83	244	1245636	66.18	ng	-0.02

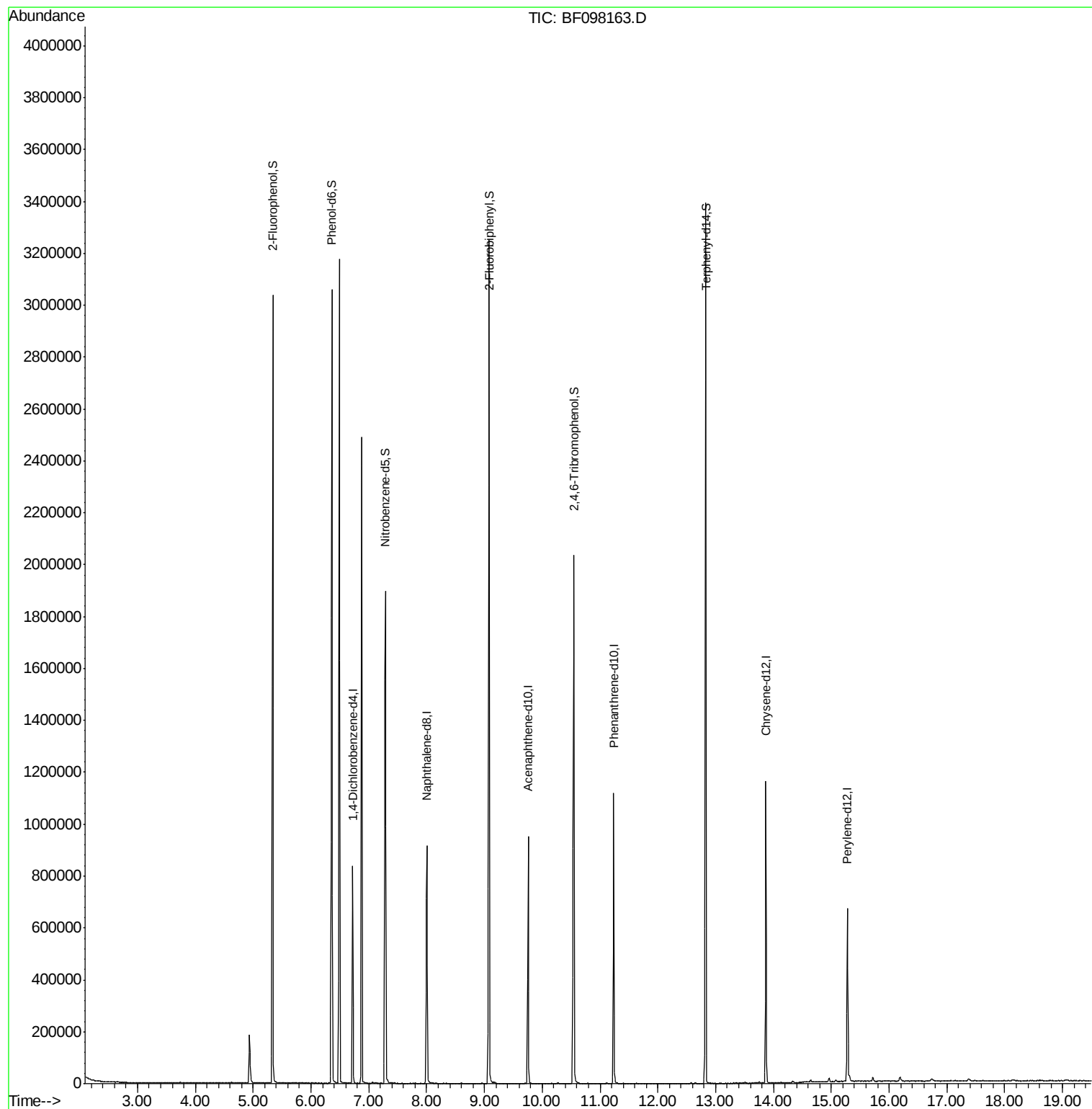
Target Compounds Qvalue

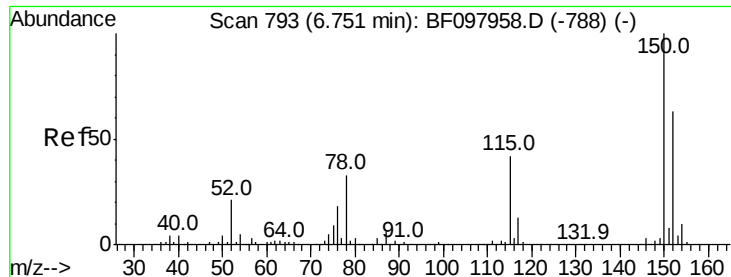
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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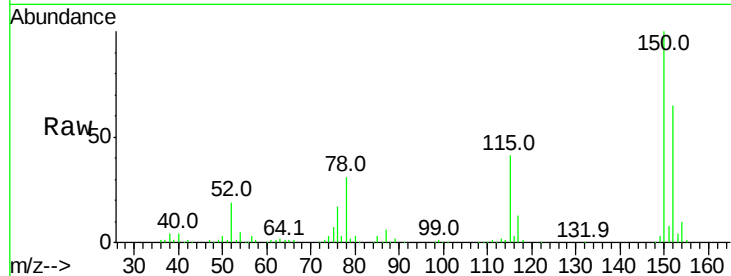


#1

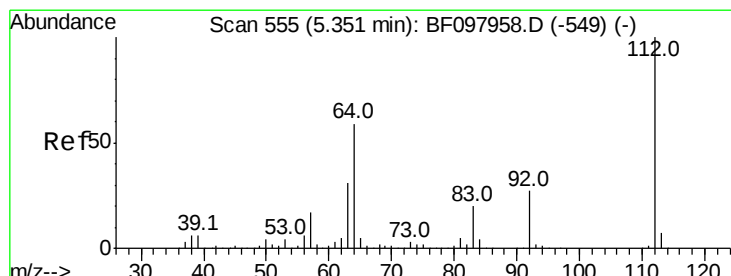
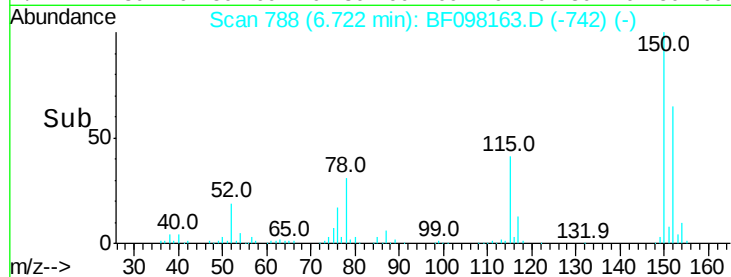
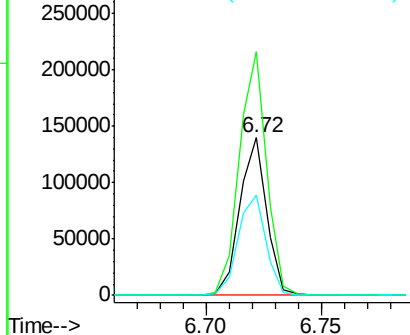
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.03 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB101906TB

Tot Ion:152 Resp: 113499
 Ion Ratio Lower Upper
 152 100
 150 154.4 126.2 189.2
 115 63.7 52.2 78.2



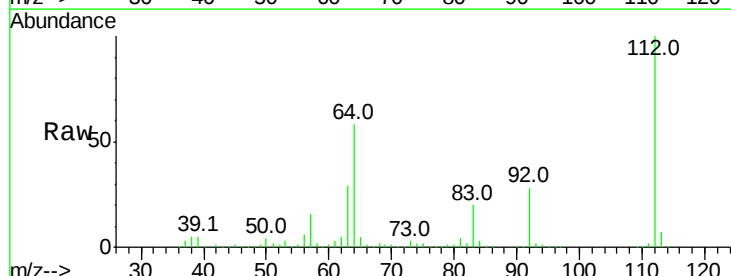
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



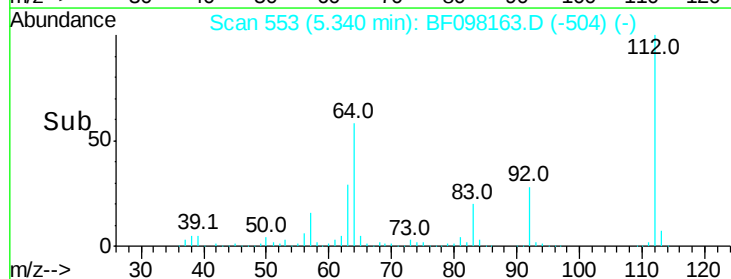
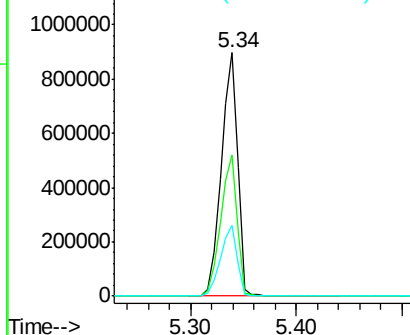
#5

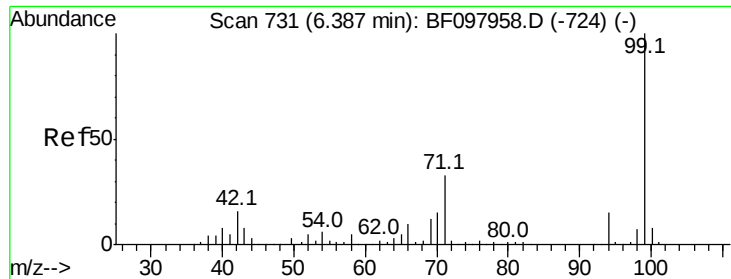
2-Fluorophenol
 Concen: 130.218 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

Tgt Ion:112 Resp: 971653
 Ion Ratio Lower Upper
 112 100
 64 57.9 46.0 69.0
 63 29.2 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: 126.929 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF098163.D

Acq: 30 Aug 2017 18:43

Instrument :

BNA_F

ClientSampleId :

PB101906TB

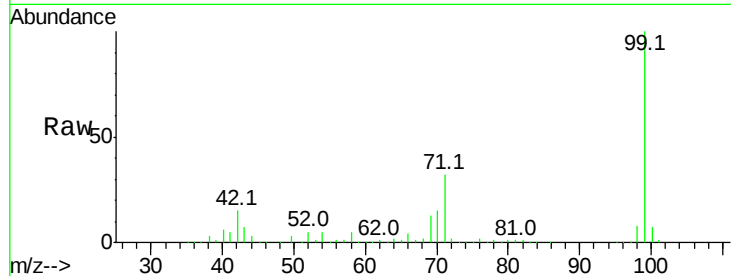
Tot Ion: 99 Resp: 1286853

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

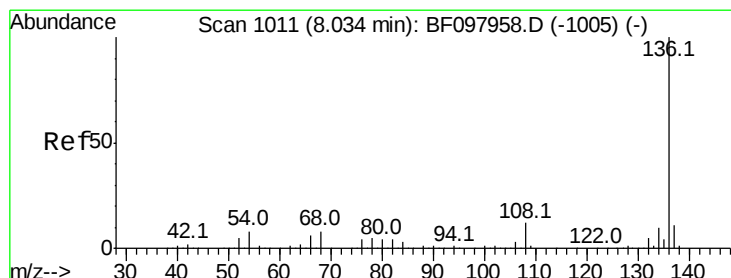
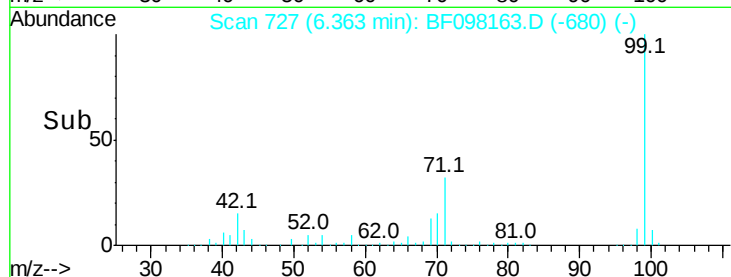
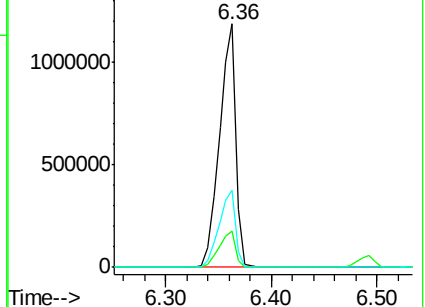
71 31.9 24.5 36.7



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# 1006

Delta R.T. -0.03 min

Lab File: BF098163.D

Acq: 30 Aug 2017 18:43

Tgt Ion: 136 Resp: 462450

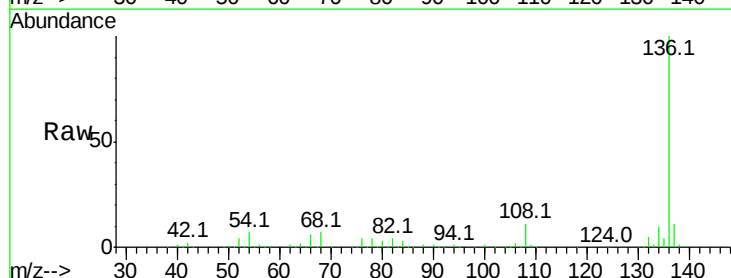
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.5 4.9 7.3#

68 6.9 4.1 6.1#

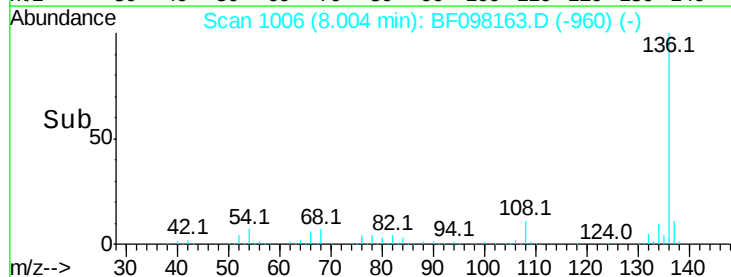
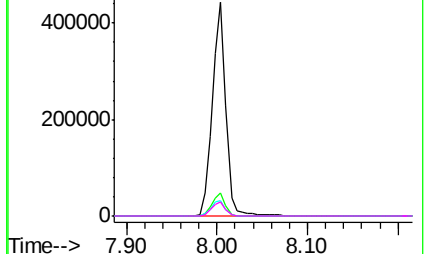


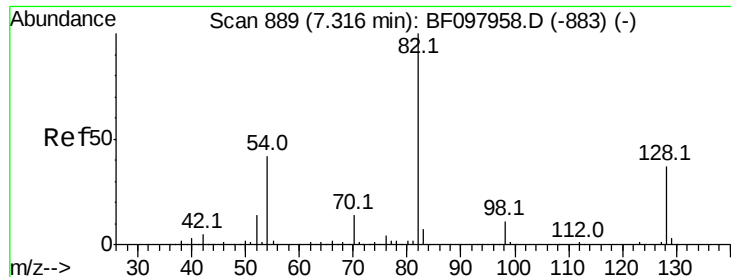
Abundance Ion 136.00 (135.70 to 136.70): E

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

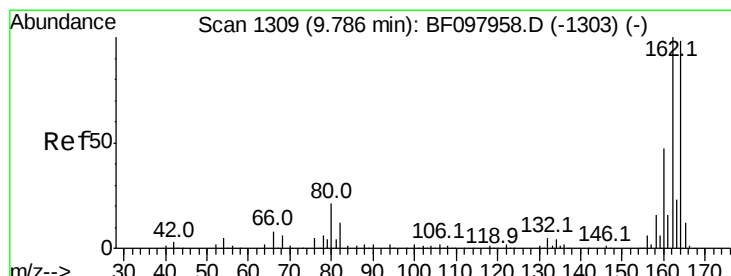
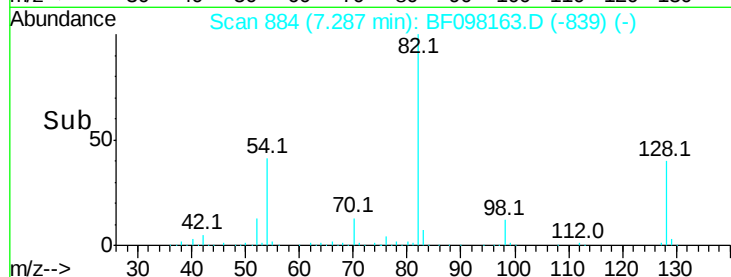
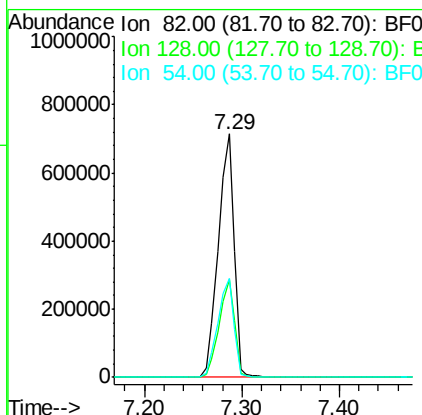
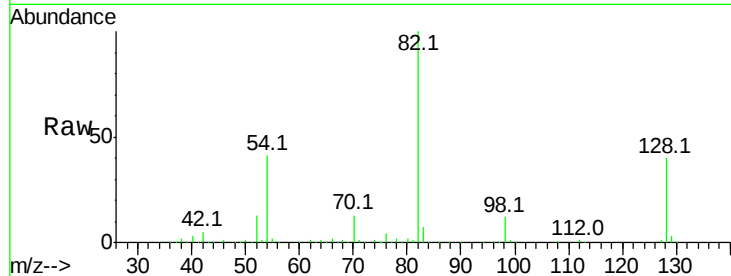




#23
 Nitrobenzene-d5
 Concen: 95.112 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.04 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

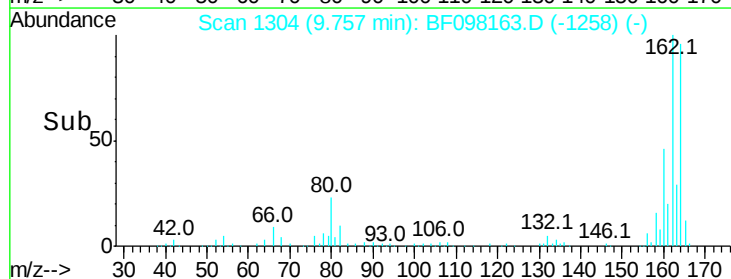
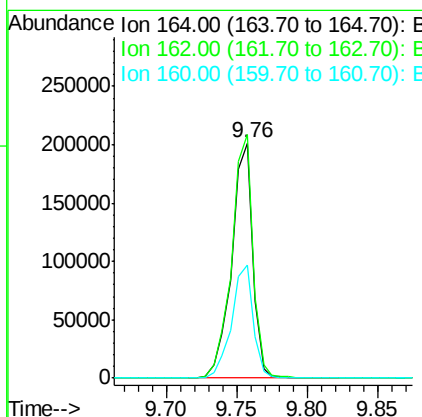
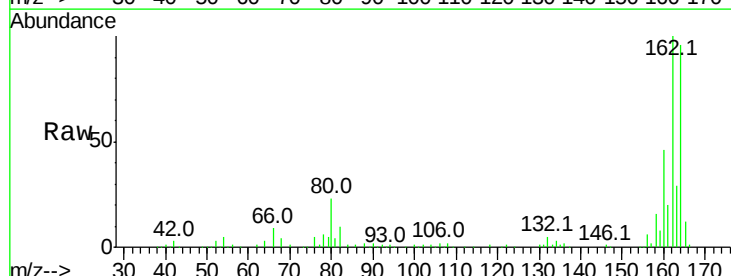
Instrument :
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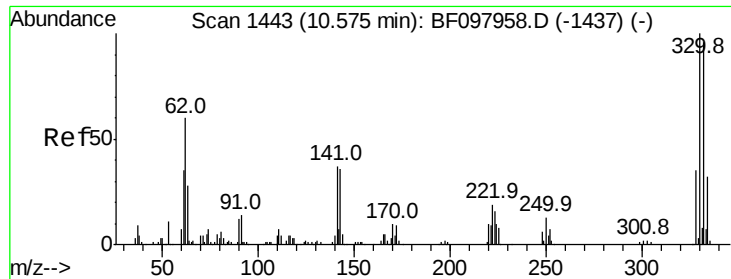
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.0	51.0
54	40.6	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.03 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.7	82.6	123.8
160	48.1	36.2	54.2

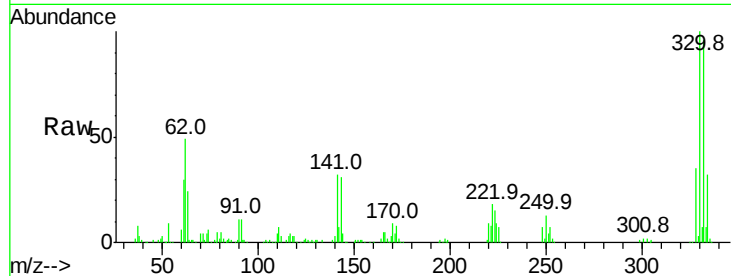




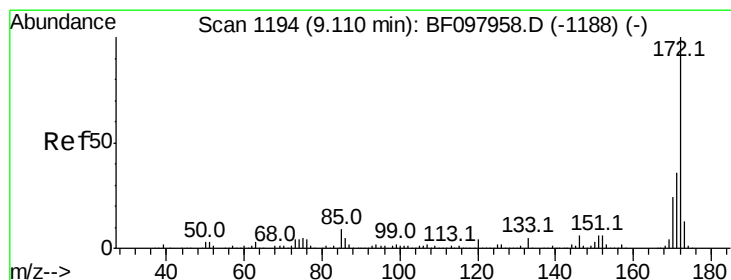
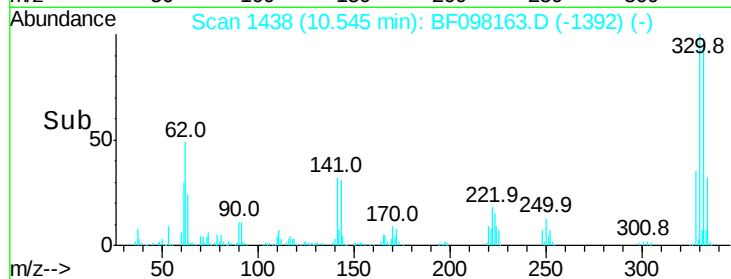
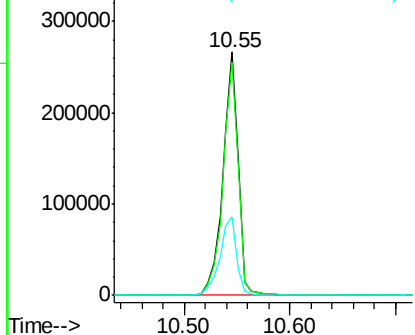
#41
 2,4,6-Tribromophenol
 Concen: 148.675 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.03 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

Instrument :
 BNA_F
 ClientSampleId :
 PB101906TB

Tot Ion:330 Resp: 270147
 Ion Ratio Lower Upper
 330 100
 332 95.4 76.6 115.0
 141 35.7 31.4 47.2

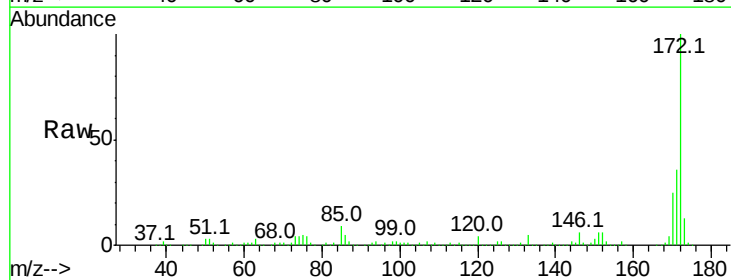


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

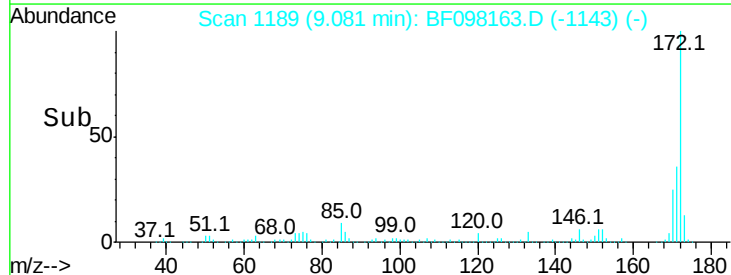
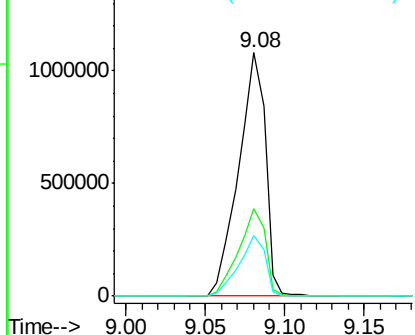


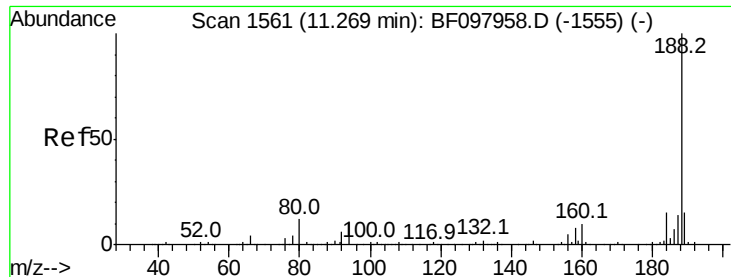
#44
 2-Fluorobiphenyl
 Concen: 88.760 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.03 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

Tgt Ion:172 Resp: 1265162
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 24.7 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: 11.23 min Scan# 1555

Delta R.T. -0.03 min

Lab File: BF098163.D

Acq: 30 Aug 2017 18:43

Instrument :

BNA_F

ClientSampleId :

PB101906TB

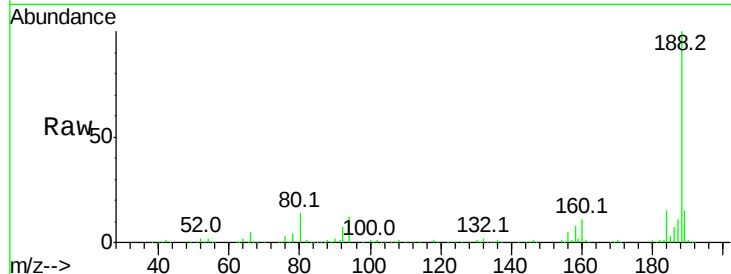
Tot Ion:188 Resp: 434718

Ion Ratio Lower Upper

188 100

94 12.3 9.4 14.2

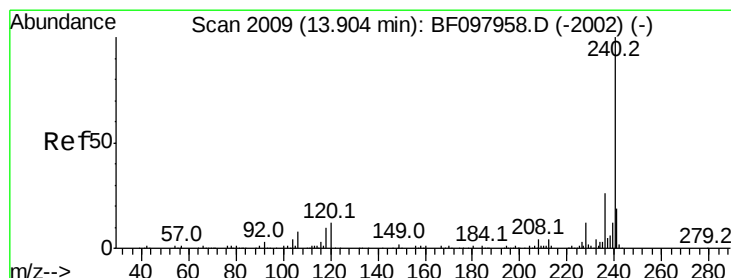
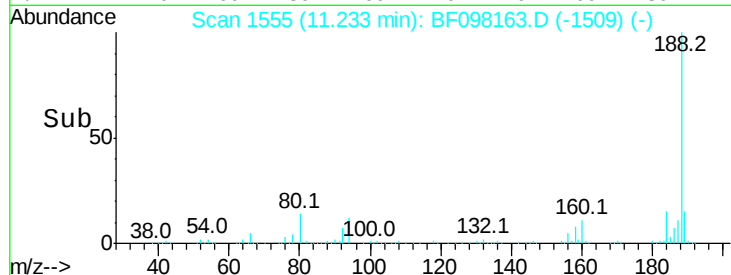
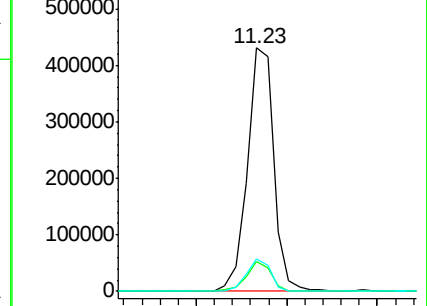
80 13.5 10.2 15.2



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. -0.03 min

Lab File: BF098163.D

Acq: 30 Aug 2017 18:43

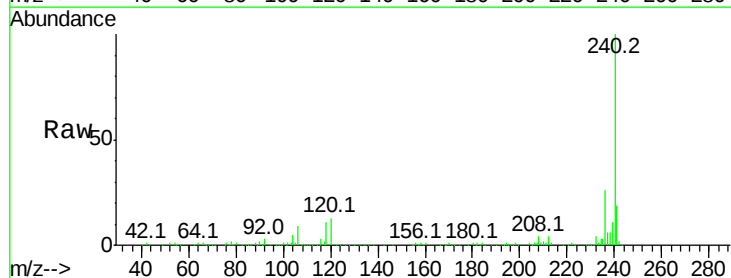
Tgt Ion:240 Resp: 392476

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

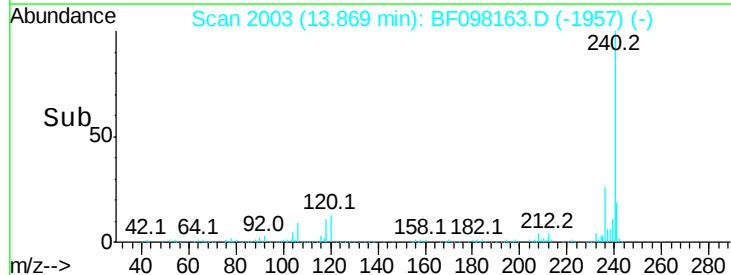
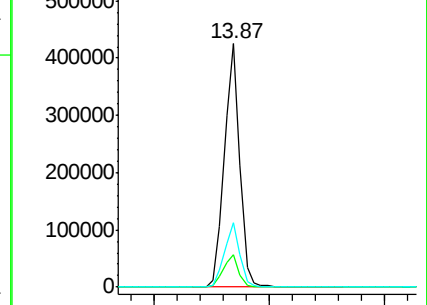
236 26.3 20.5 30.7

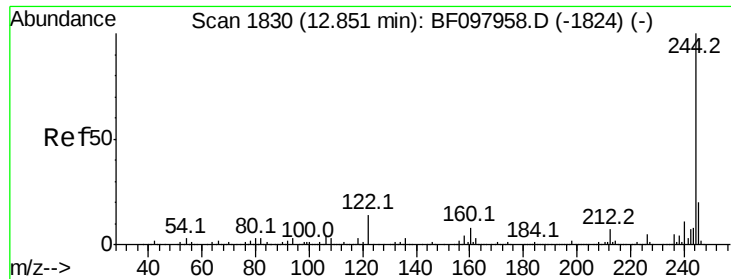


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



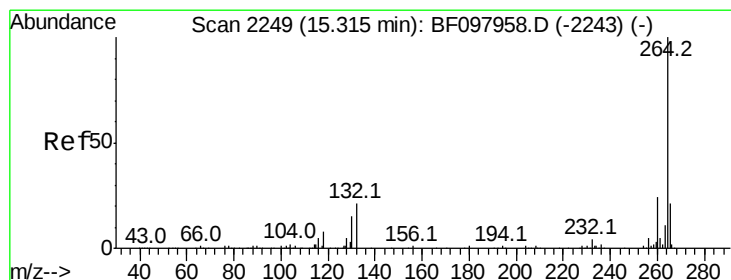
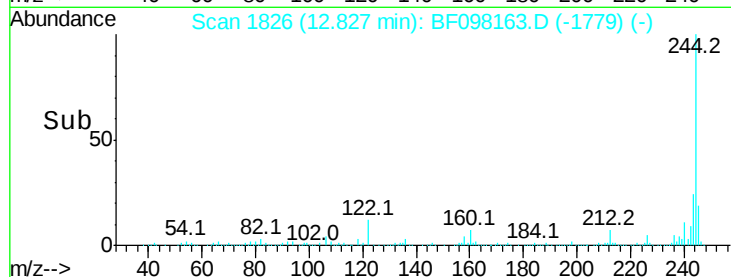
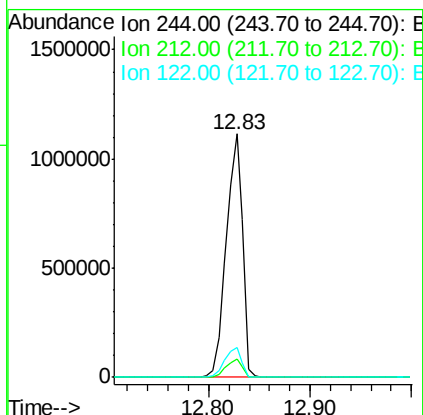
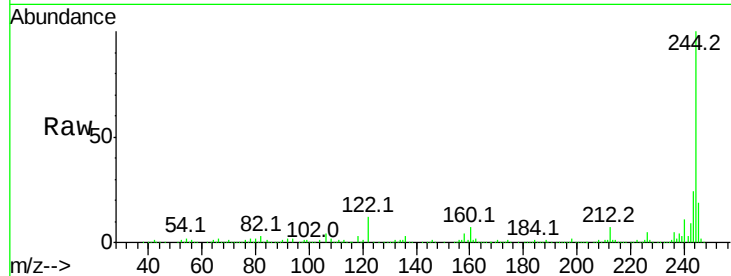


#78
 Terphenyl-d14
 Concen: 66.184 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.02 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

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Tot Ion:244 Resp: 1245636

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	12.4	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.28 min Scan# 2243
 Delta R.T. -0.03 min
 Lab File: BF098163.D
 Acq: 30 Aug 2017 18:43

Tgt Ion:264 Resp: 285733

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.5	29.3
265	22.0	17.2	25.8

