

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082417\
 Data File : BF098021.D
 Acq On : 25 Aug 2017 00:15
 Operator : SJ/JU
 Sample : I4922-01 2X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

Quant Time: Aug 25 02:38:57 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

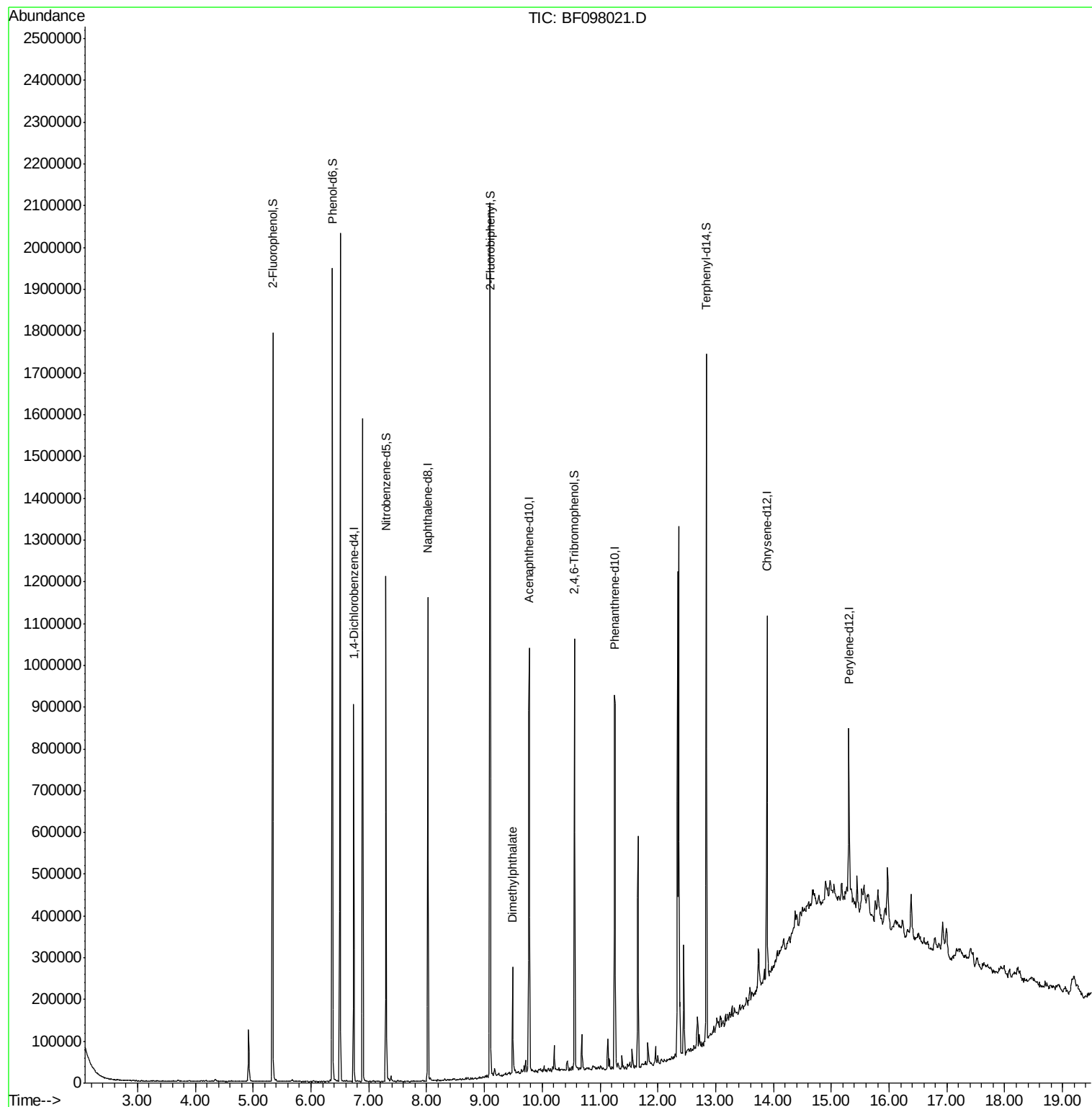
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	120931	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	458660	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	186675	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	327418	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	277304	20.00	ng	-0.01
86) Perylene-d12	15.30	264	192452	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	510808	64.25	ng	-0.01
7) Phenol-d6	6.37	99	688398	63.73	ng	-0.02
23) Nitrobenzene-d5	7.30	82	409790	48.54	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	101929	62.93	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	594186	46.76	ng	-0.01
78) Terphenyl-d14	12.84	244	455547	34.26	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.49	163	86625	6.348	ng	98

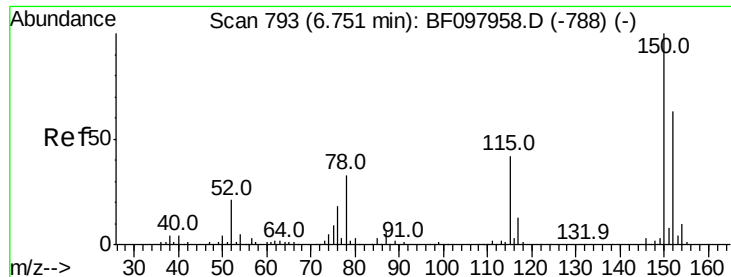
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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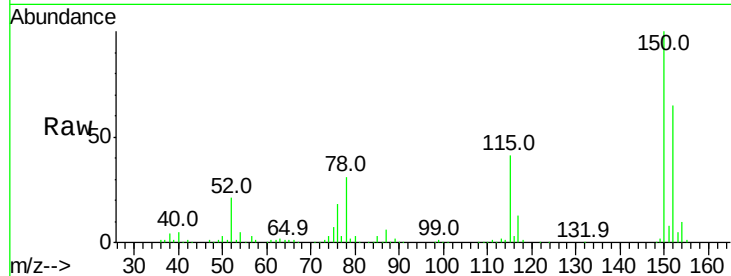


#1

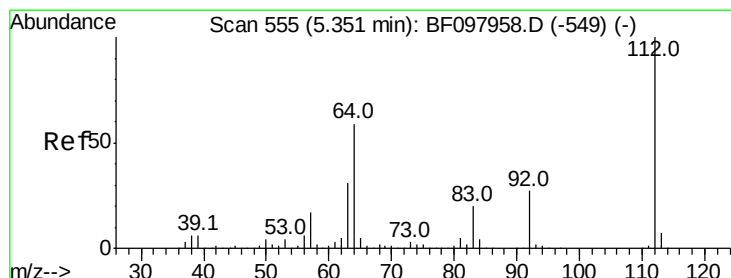
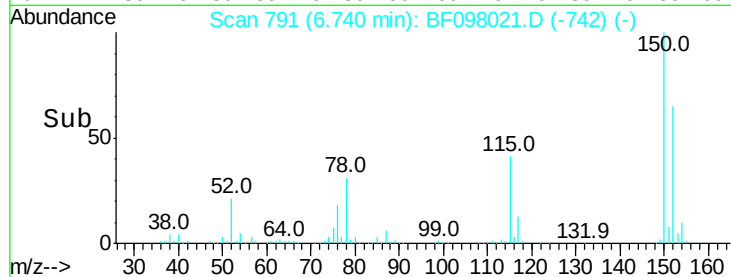
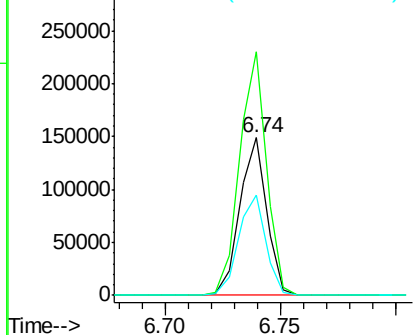
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098021.D
Acq: 25 Aug 2017 00:15

Instrument :
BNA_F
ClientSampleId :
SA-01-082217

Tot Ion:152 Resp: 120931
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 63.8 52.2 78.2



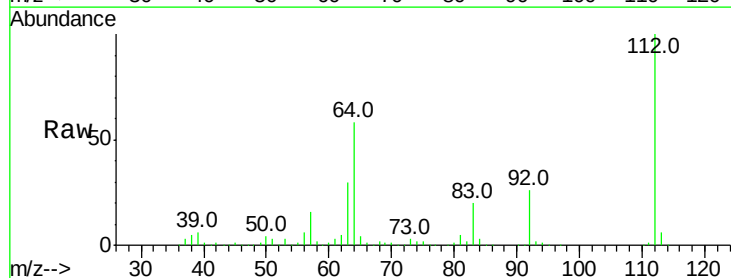
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



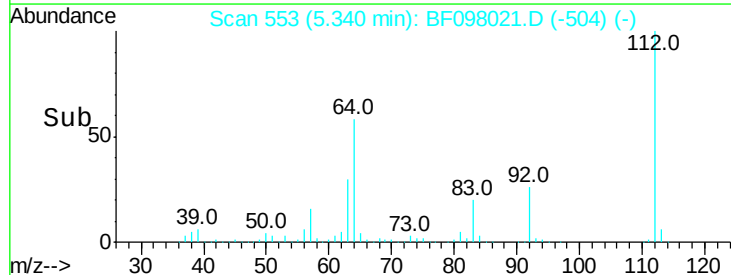
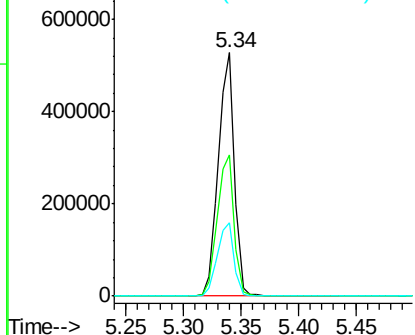
#5

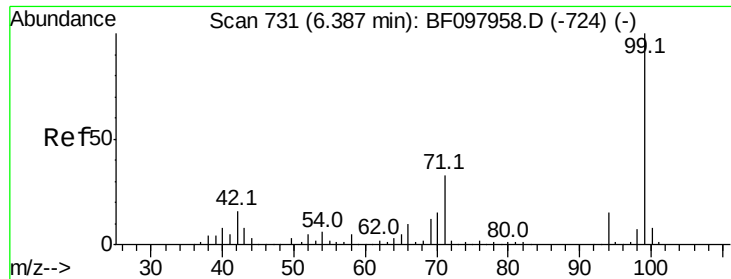
2-Fluorophenol
Concen: 64.250 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF098021.D
Acq: 25 Aug 2017 00:15

Tgt Ion:112 Resp: 510808
Ion Ratio Lower Upper
112 100
64 58.0 46.0 69.0
63 29.9 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: 63.727 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.02 min

Lab File: BF098021.D

Acq: 25 Aug 2017 00:15

Instrument :

BNA_F

ClientSampleId :

SA-01-082217

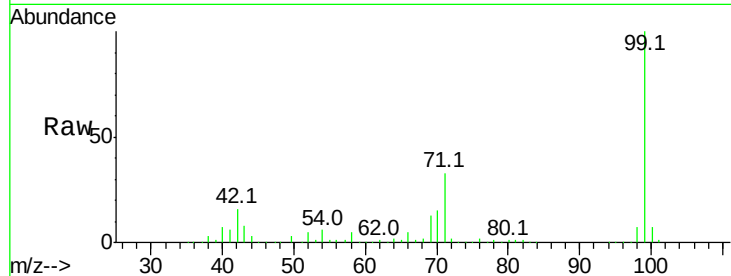
Tot Ion: 99 Resp: 688398

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

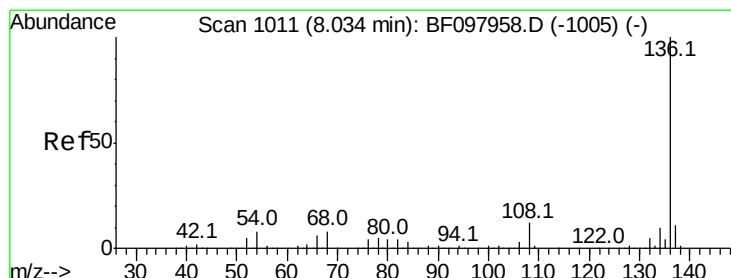
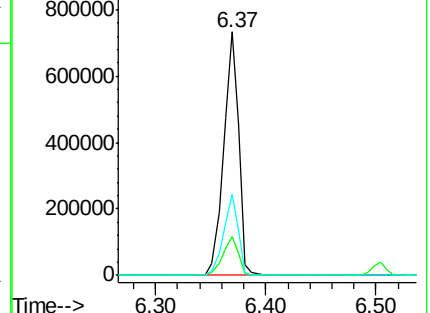
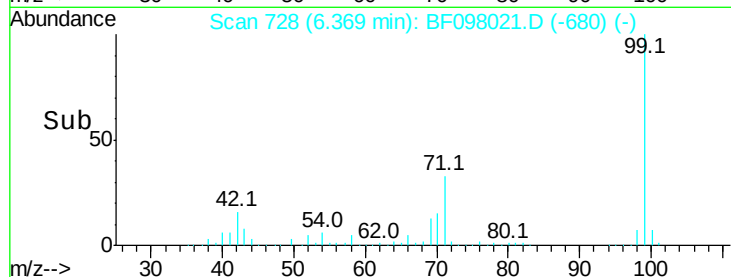
71 33.1 24.5 36.7



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098021.D

Acq: 25 Aug 2017 00:15

Tgt Ion: 136 Resp: 458660

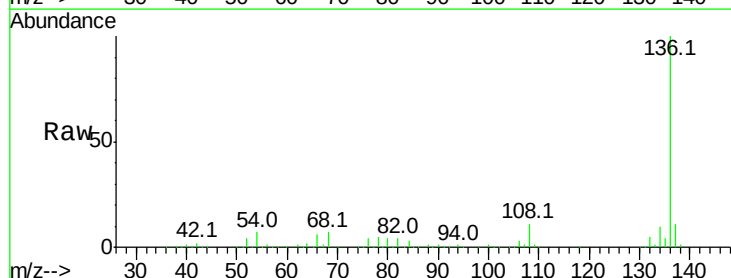
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.4 4.9 7.3#

68 7.0 4.1 6.1#

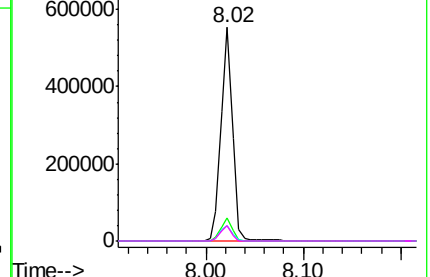
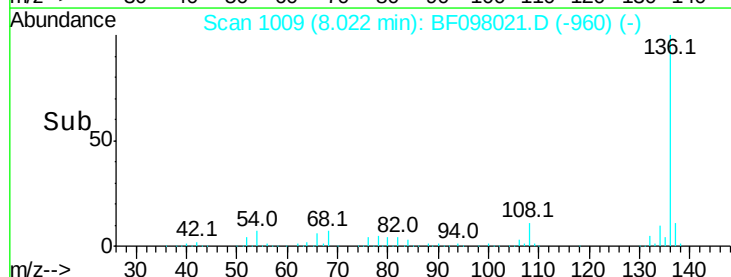


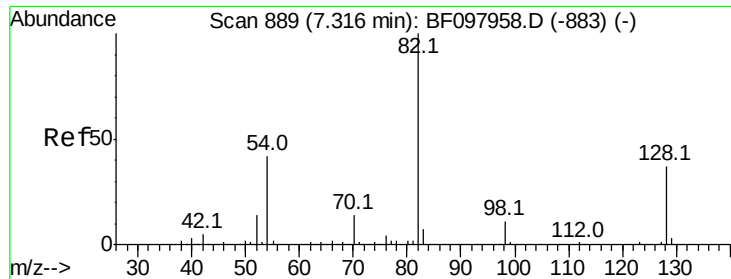
Abundance Ion 136.00 (135.70 to 136.70): E

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

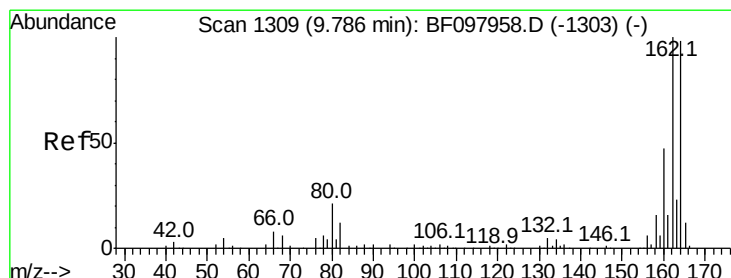
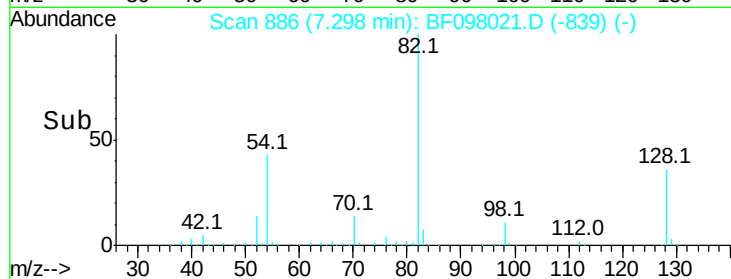
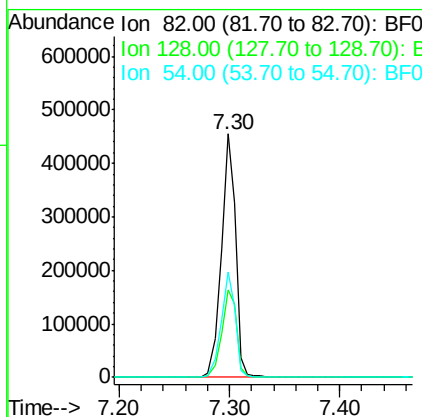
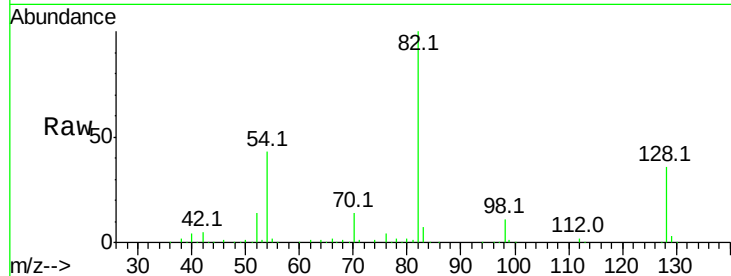




#23
 Nitrobenzene-d5
 Concen: 48.536 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.02 min
 Lab File: BF098021.D
 Acq: 25 Aug 2017 00:15

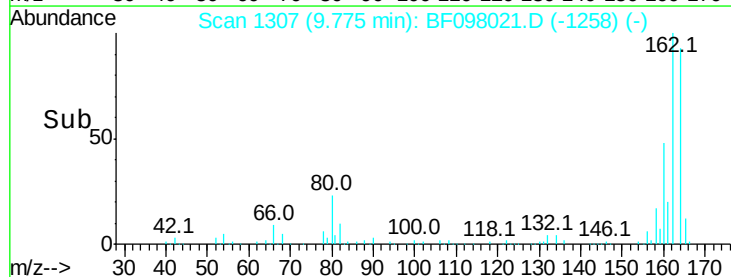
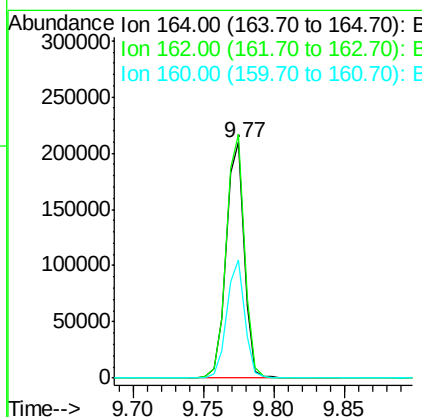
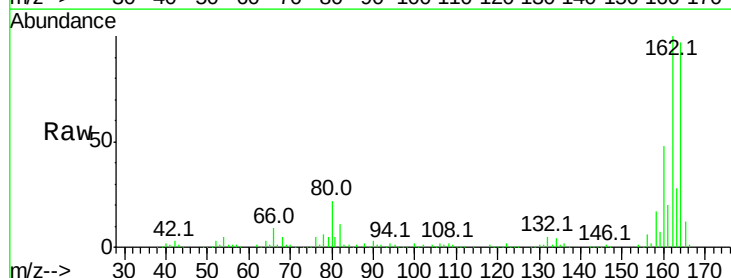
Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

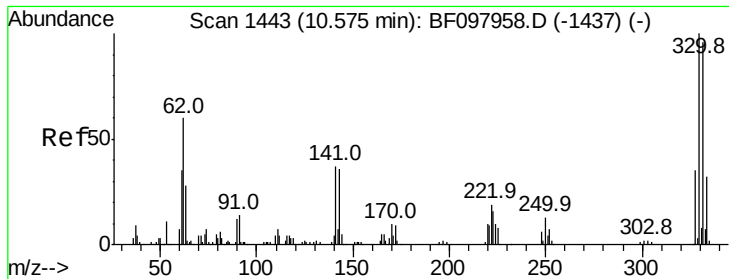
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.1	34.0	51.0
54	43.1	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098021.D
 Acq: 25 Aug 2017 00:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	82.6	123.8
160	49.9	36.2	54.2

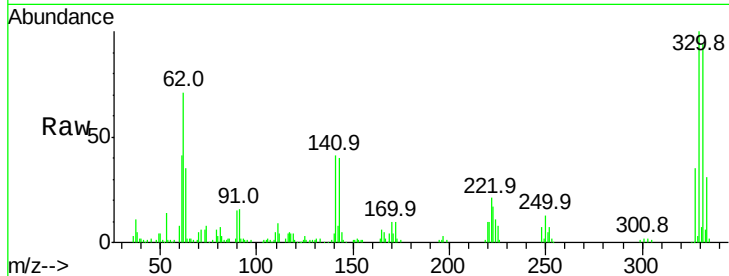




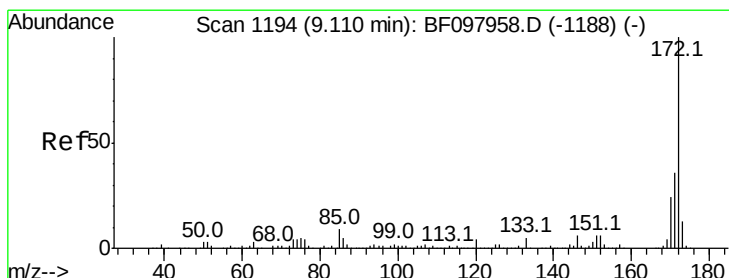
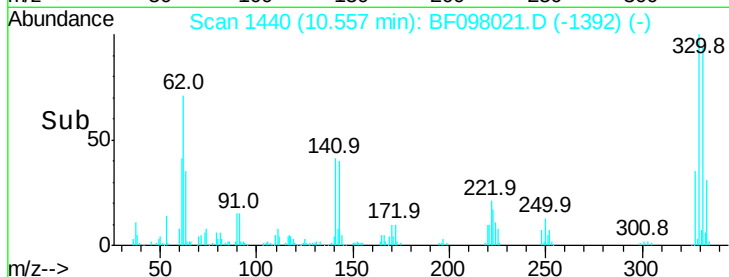
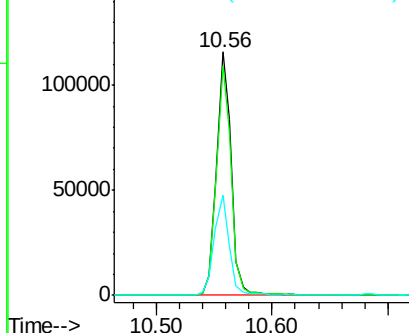
#41
 2,4,6-Tribromophenol
 Concen: 62.930 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.02 min
 Lab File: BF098021.D
 Acq: 25 Aug 2017 00:15

Instrument :
 BNA_F
 ClientSampleId :
 SA-01-082217

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	42.6	31.4	47.2

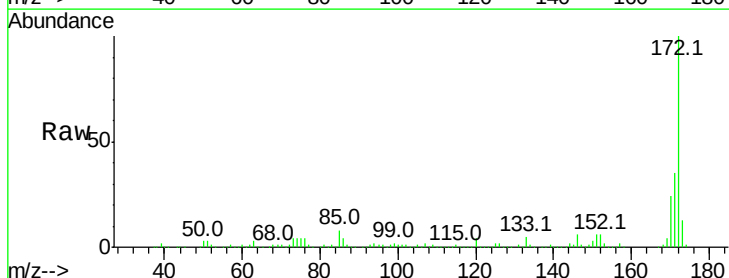


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

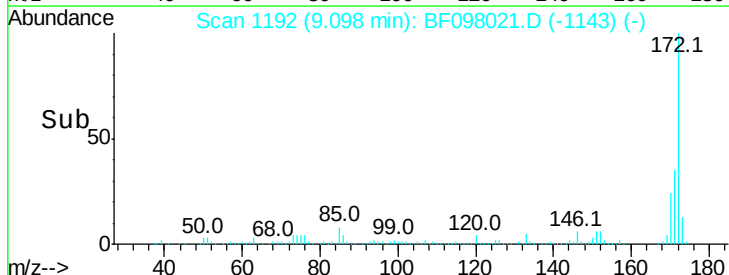
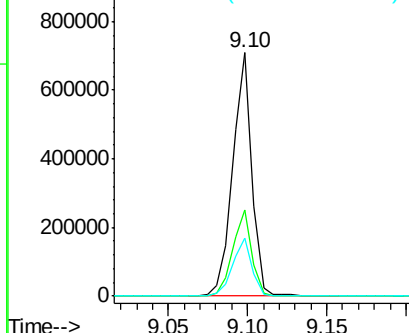


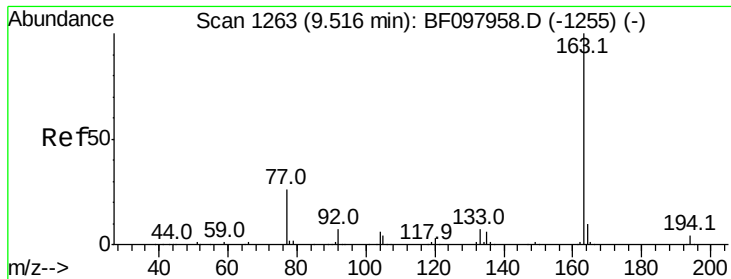
#44
 2-Fluorobiphenyl
 Concen: 46.765 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098021.D
 Acq: 25 Aug 2017 00:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	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

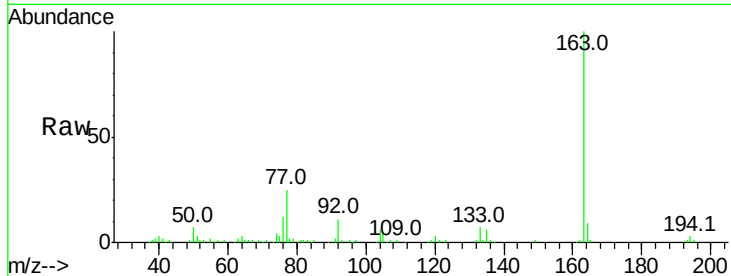




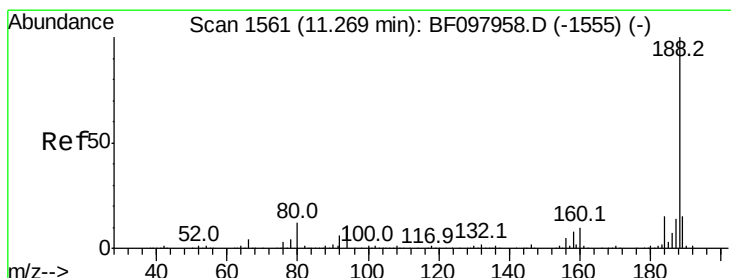
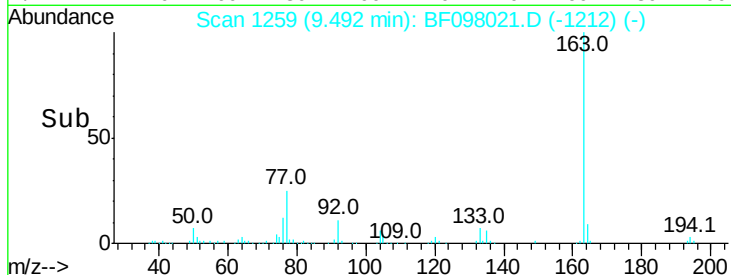
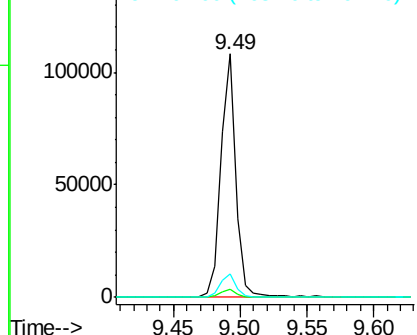
#49
Dimethylphthalate
Concen: 6.348 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098021.D
Acq: 25 Aug 2017 00:15

Instrument :
BNA_F
ClientSampleId :
SA-01-082217

Tot Ion:163 Resp: 86625
Ion Ratio Lower Upper
163 100
194 3.2 2.6 4.0
164 9.4 8.4 12.6

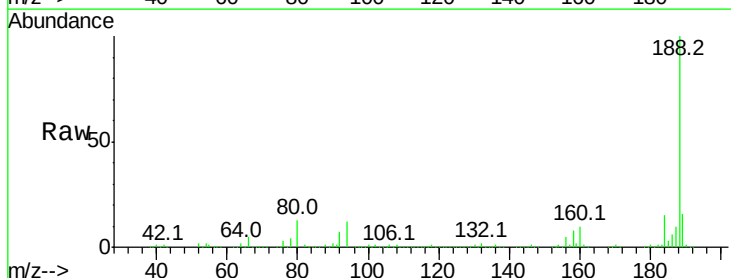


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

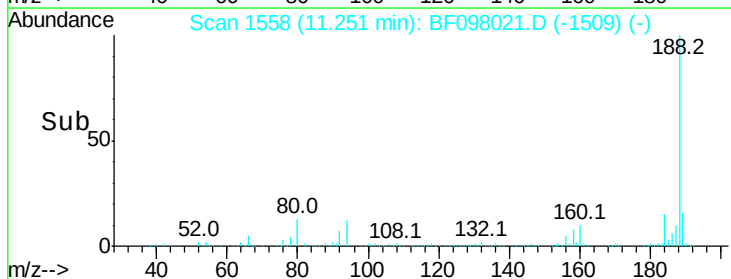
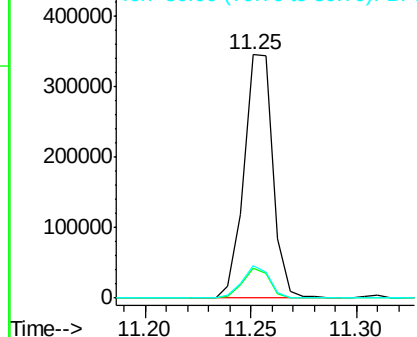


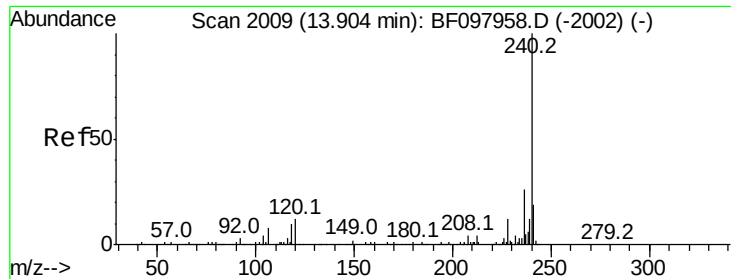
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098021.D
Acq: 25 Aug 2017 00:15

Tgt Ion:188 Resp: 327418
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 13.3 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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098021.D

Acq: 25 Aug 2017 00:15

Instrument :

BNA_F

ClientSampleId :

SA-01-082217

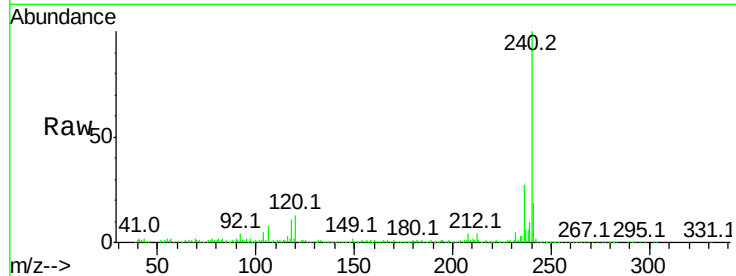
Tot Ion:240 Resp: 277304

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

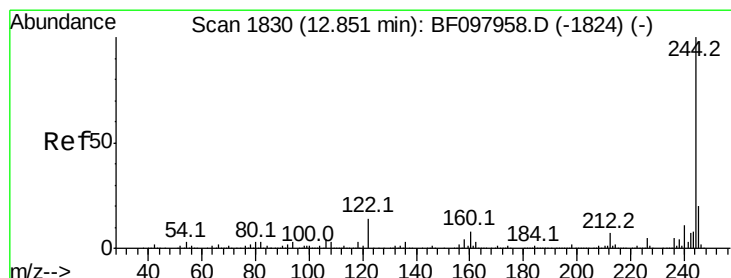
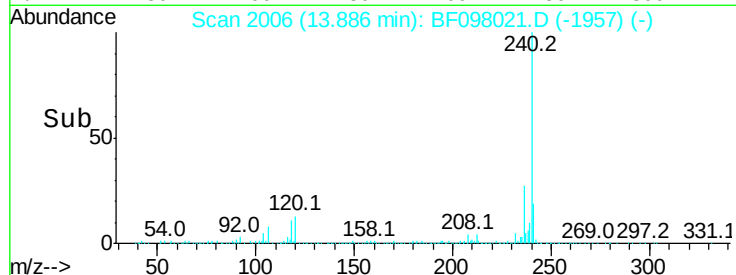
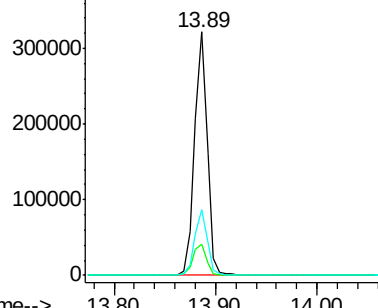
236 27.0 20.5 30.7



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: 34.257 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098021.D

Acq: 25 Aug 2017 00:15

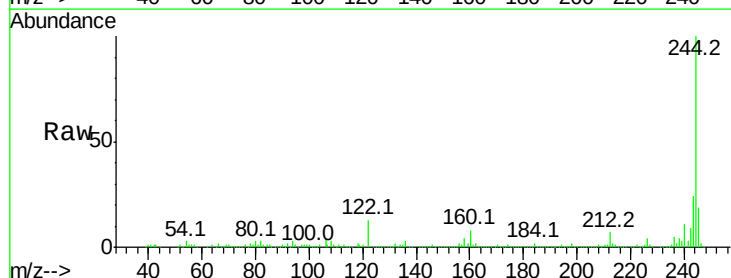
Tgt Ion:244 Resp: 455547

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

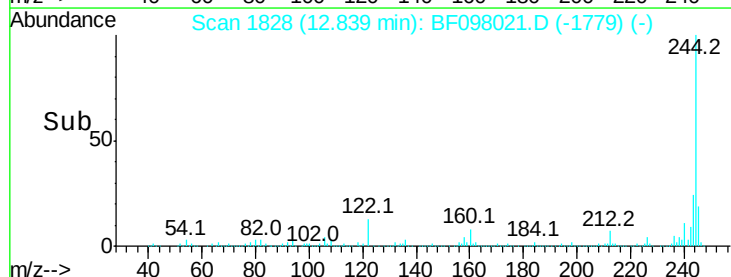
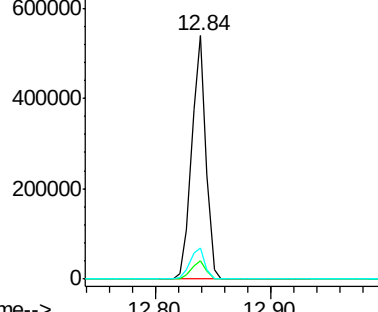
122 12.6 10.3 15.5

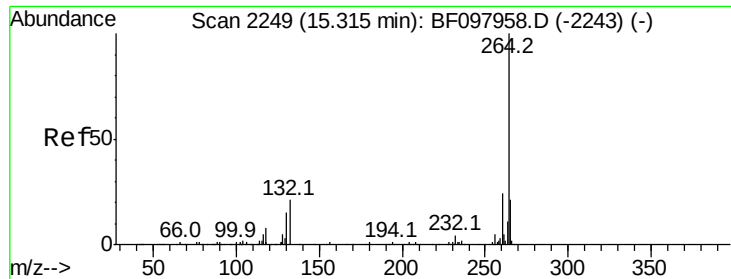


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

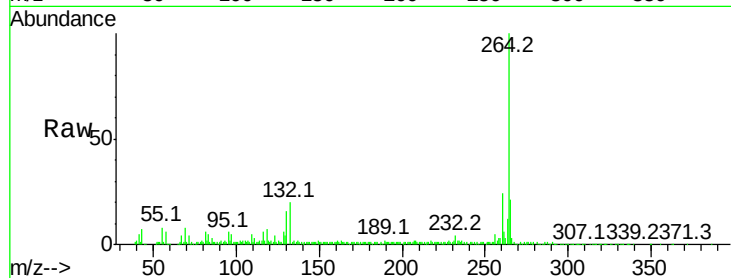




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.30 min Scan# 2247
Delta R.T. -0.01 min
Lab File: BF098021.D
Acq: 25 Aug 2017 00:15

Instrument :
BNA_F
ClientSampleId :
SA-01-082217

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.1	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

