

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097670.D
 Acq On : 13 Aug 2017 12:47
 Operator : SJ/JU
 Sample : I4682-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-NSW

Quant Time: Aug 14 08:07:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

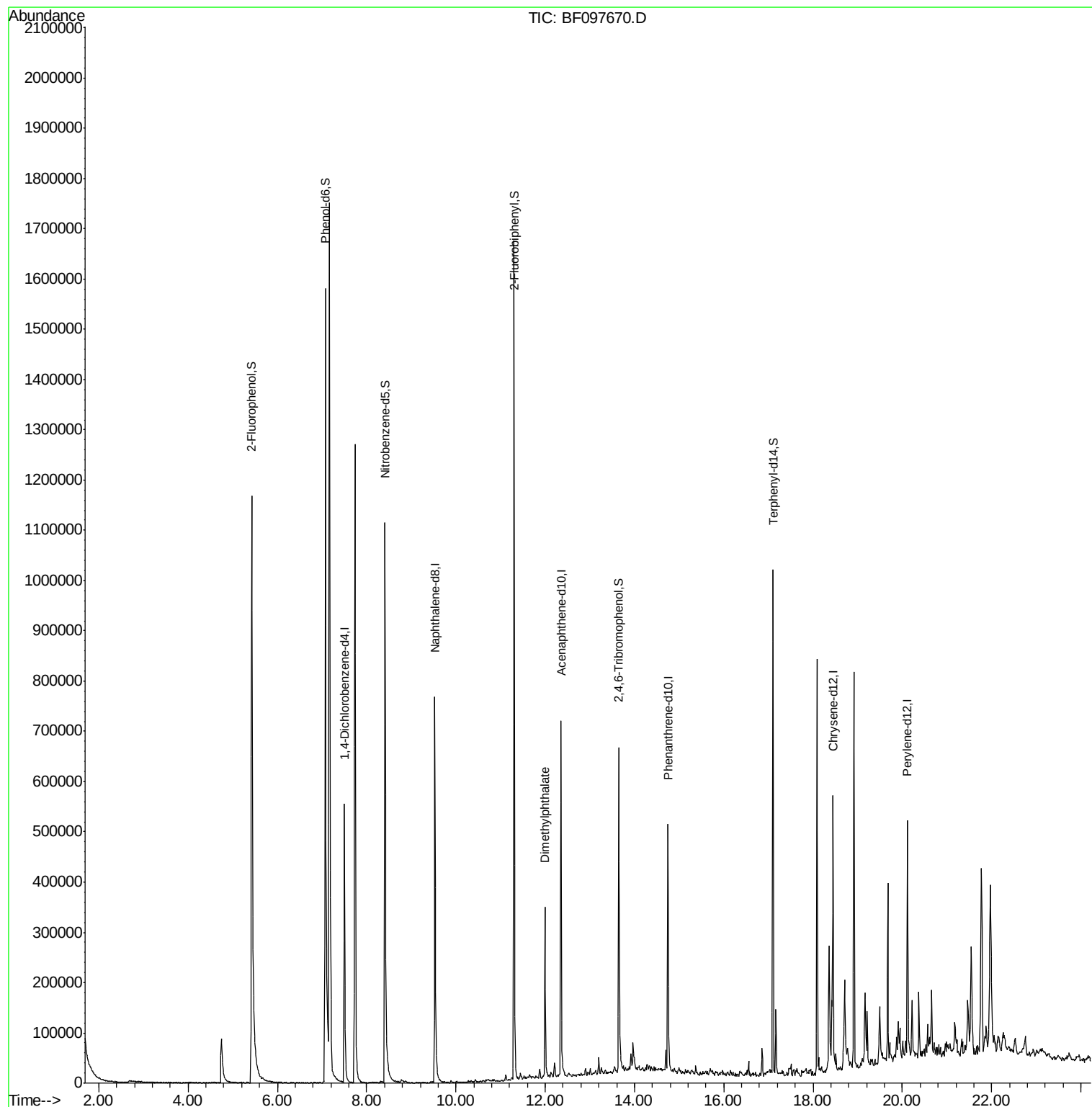
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	128895	20.00	ng	0.00
21) Naphthalene-d8	9.53	136	512154	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	187399	20.00	ng	-0.02
63) Phenanthrene-d10	14.75	188	247745	20.00	ng	-0.01
75) Chrysene-d12	18.45	240	218226	20.00	ng	-0.01
86) Perylene-d12	20.11	264	187056	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	711792	87.78	ng	0.02
7) Phenol-d6	7.07	99	924300	91.88	ng	0.02
23) Nitrobenzene-d5	8.42	82	549794	67.31	ng	0.00
41) 2,4,6-Tribromophenol	13.65	330	103255	72.48	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	692247	55.75	ng	-0.02
78) Terphenyl-d14	17.10	244	354851	33.65	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	11.99	163	197507	13.675	ng	99

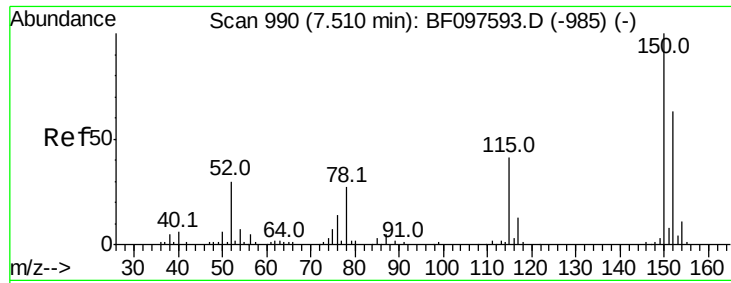
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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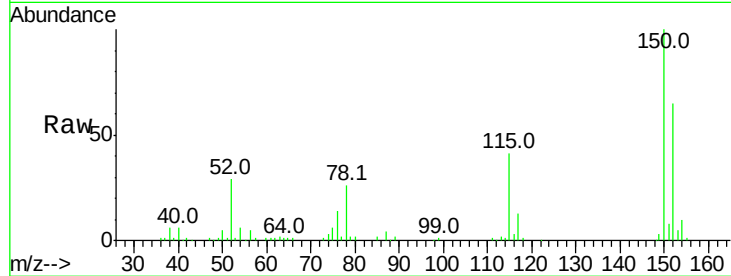


#1

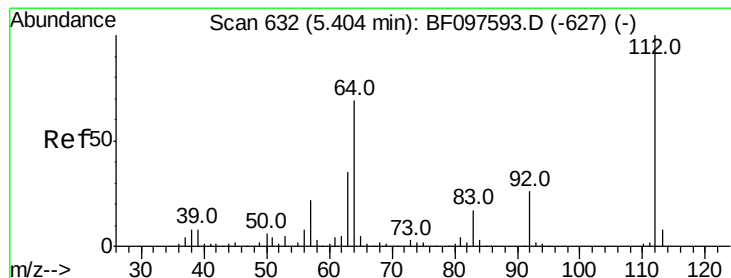
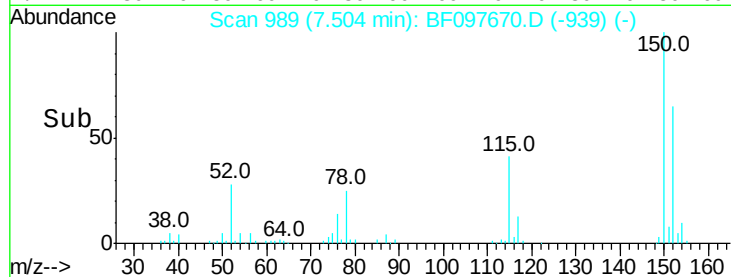
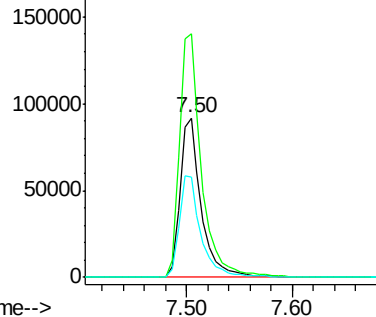
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.50 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF097670.D
 Acq: 13 Aug 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-NSW

Tot Ion:152 Resp: 128895
 Ion Ratio Lower Upper
 152 100
 150 152.7 126.2 189.2
 115 63.1 52.2 78.2



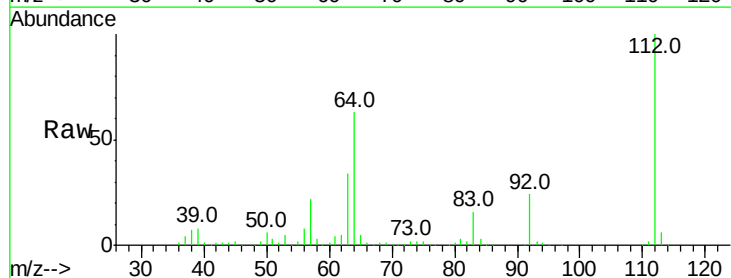
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



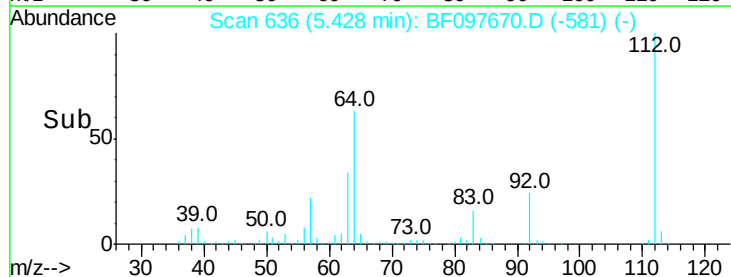
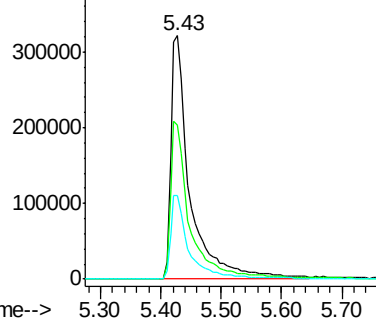
#5

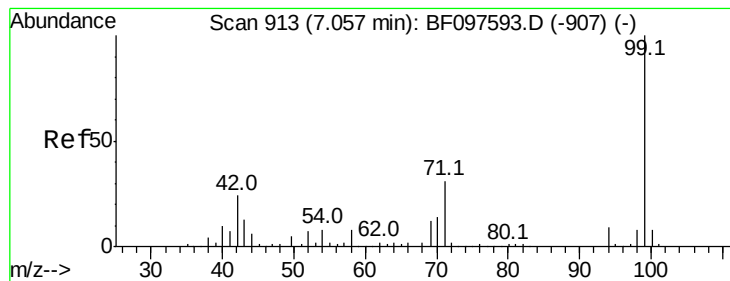
2-Fluorophenol
 Concen: 87.776 ng
 RT: 5.43 min Scan# 636
 Delta R.T. 0.02 min
 Lab File: BF097670.D
 Acq: 13 Aug 2017 12:47

Tgt Ion:112 Resp: 711792
 Ion Ratio Lower Upper
 112 100
 64 63.2 46.0 69.0
 63 34.3 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: 91.883 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.02 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Instrument :

BNA_F

ClientSampleId :

E2-G10-NSW

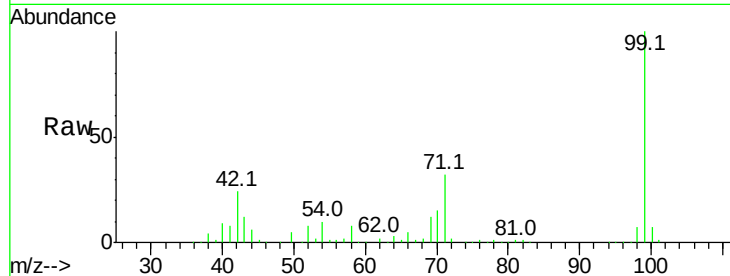
Tot Ion: 99 Resp: 924300

Ion Ratio Lower Upper

99 100

42 24.3 13.5 20.3#

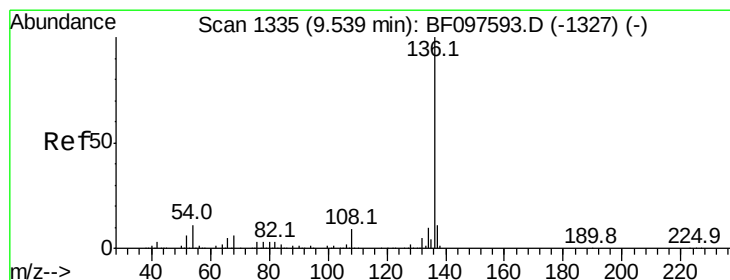
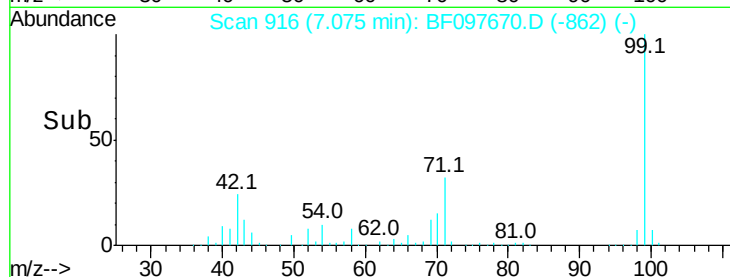
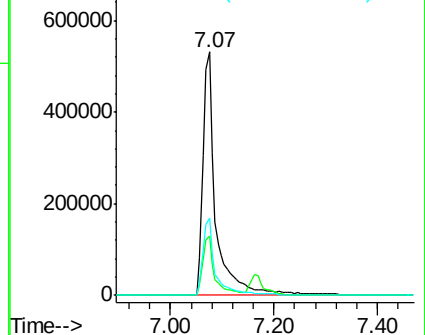
71 31.5 24.5 36.7



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: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Tgt Ion: 136 Resp: 512154

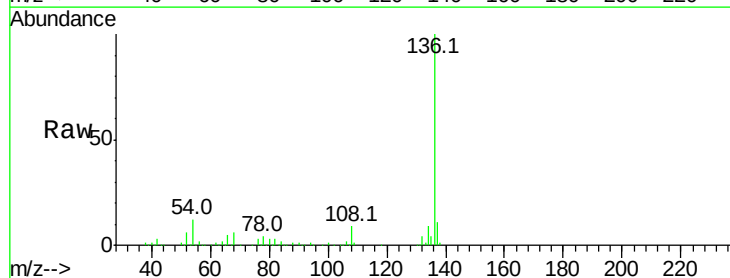
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 11.6 4.9 7.3#

68 6.2 4.1 6.1#

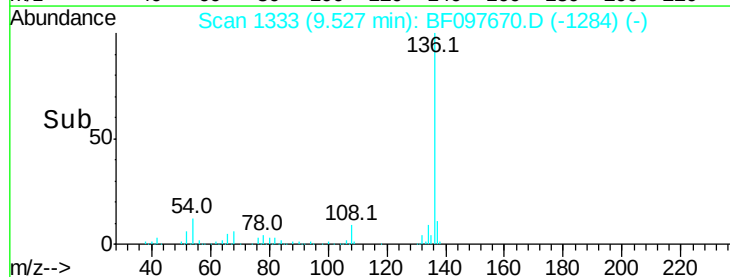
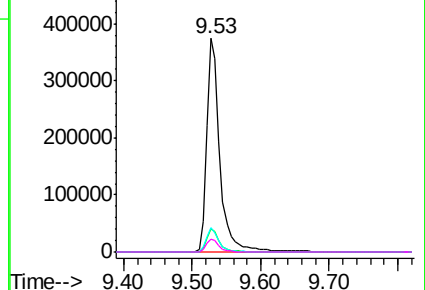


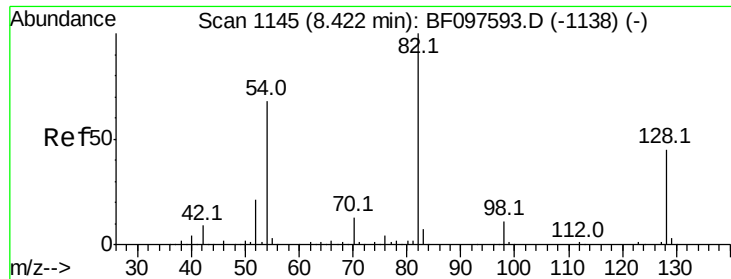
Abundance Ion 136.00 (135.70 to 136.70): E

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

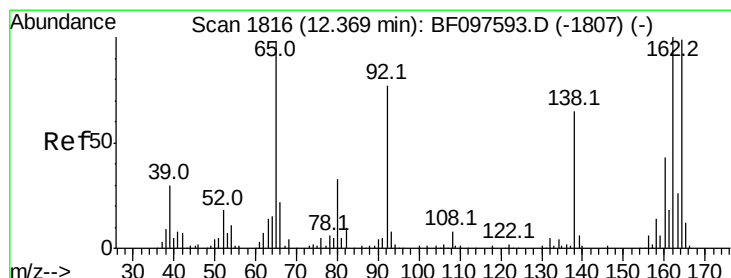
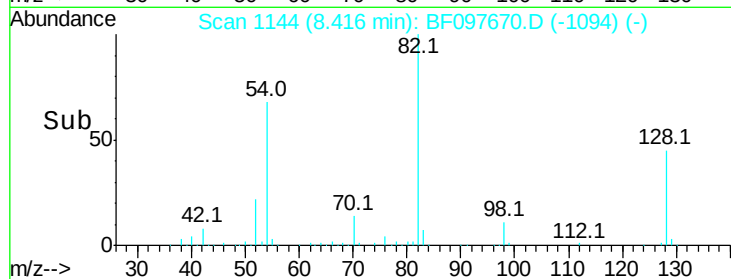
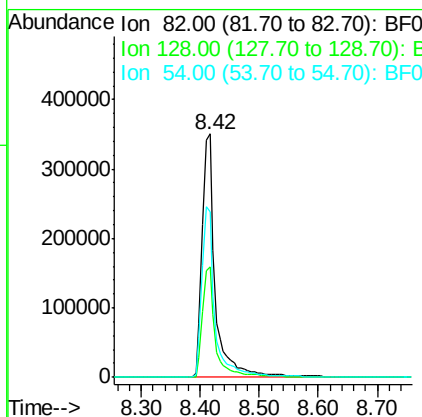
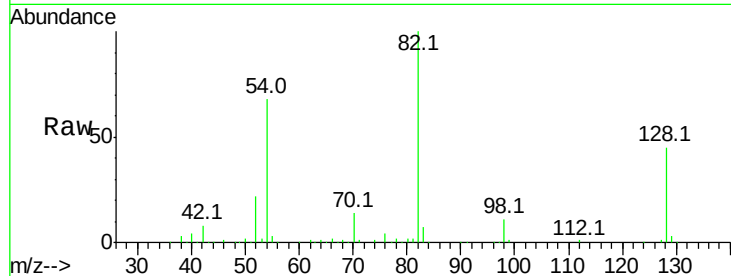




#23
Nitrobenzene-d5
Concen: 67.313 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF097670.D
Acq: 13 Aug 2017 12:47

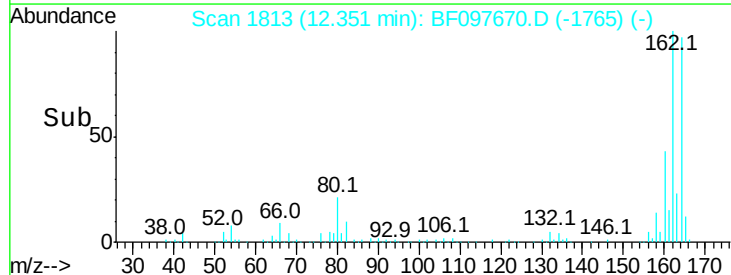
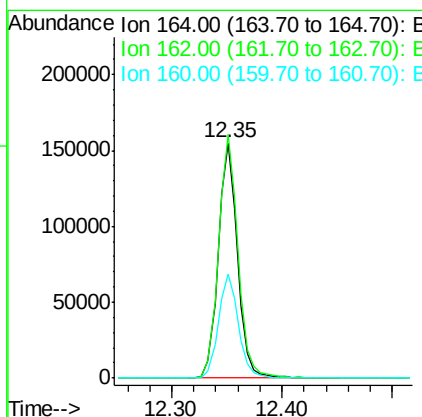
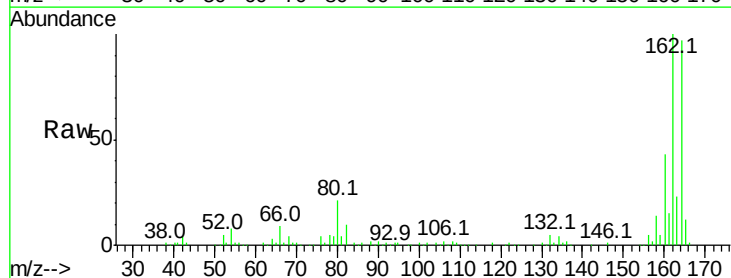
Instrument :
BNA_F
ClientSampleId :
E2-G10-NSW

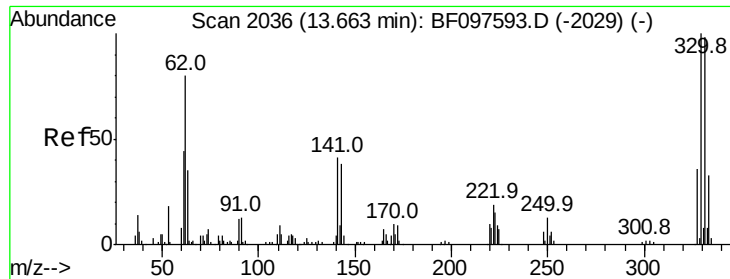
Tot Ion: 82 Resp: 549794
Ion Ratio Lower Upper
82 100
128 45.5 34.0 51.0
54 68.0 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.35 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BF097670.D
Acq: 13 Aug 2017 12:47

Tgt Ion:164 Resp: 187399
Ion Ratio Lower Upper
164 100
162 103.5 82.6 123.8
160 44.2 36.2 54.2

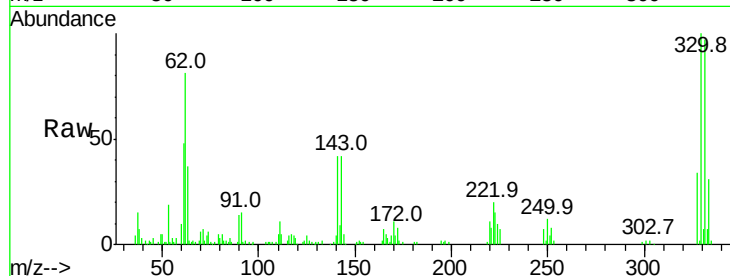




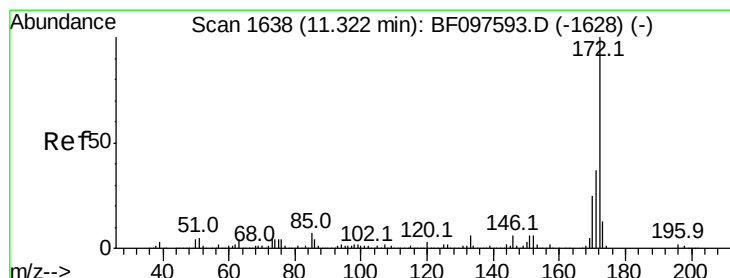
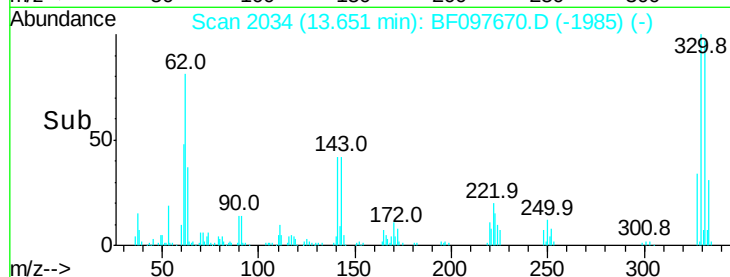
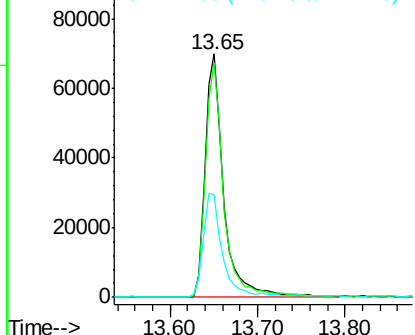
#41
 2,4,6-Tribromophenol
 Concen: 72.481 ng
 RT: 13.65 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BF097670.D
 Acq: 13 Aug 2017 12:47

Instrument :
 BNA_F
 ClientSampleId :
 E2-G10-NSW

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	76.6	115.0
141	45.1	31.4	47.2

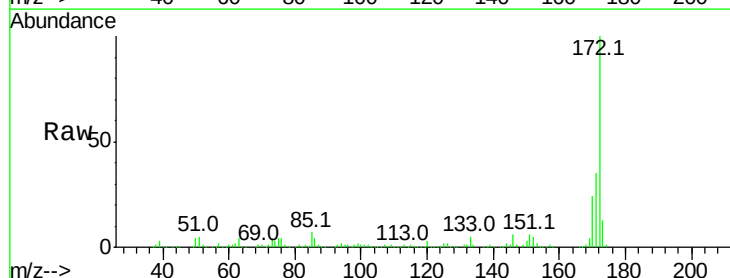


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

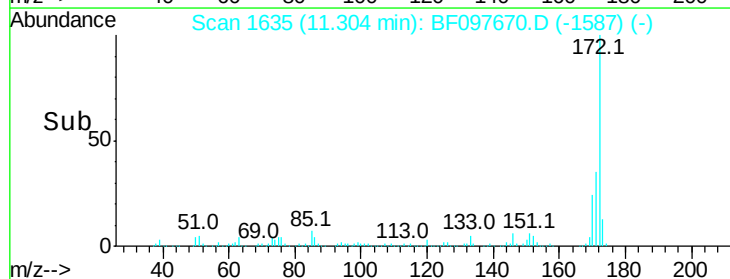
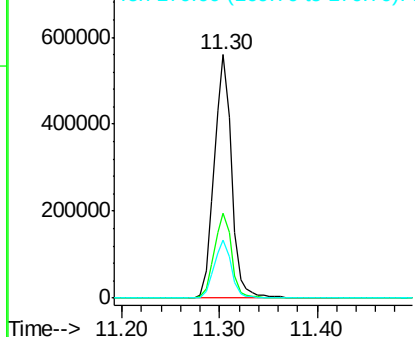


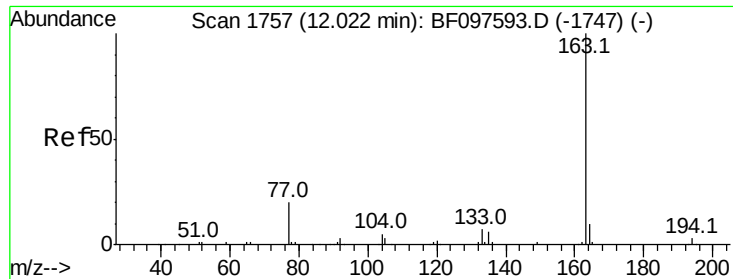
#44
 2-Fluorobiphenyl
 Concen: 55.749 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097670.D
 Acq: 13 Aug 2017 12:47

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	29.6	44.4
170	24.0	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: 13.675 ng

RT: 11.99 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Instrument :

BNA_F

ClientSampleId :

E2-G10-NSW

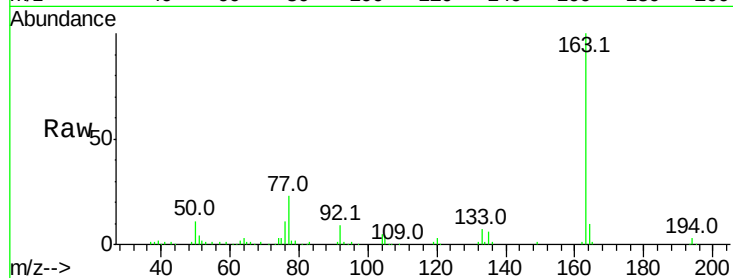
Tot Ion:163 Resp: 197507

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

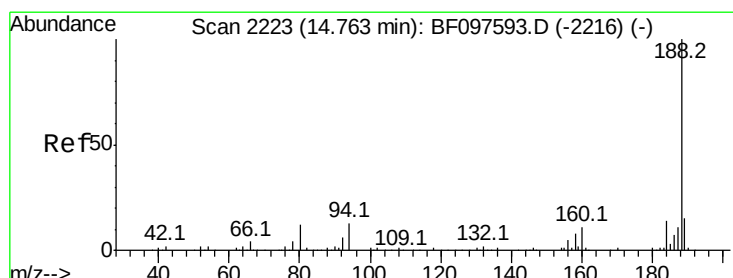
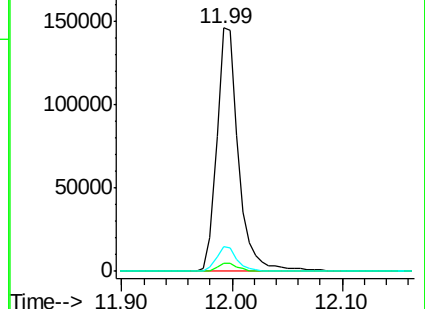
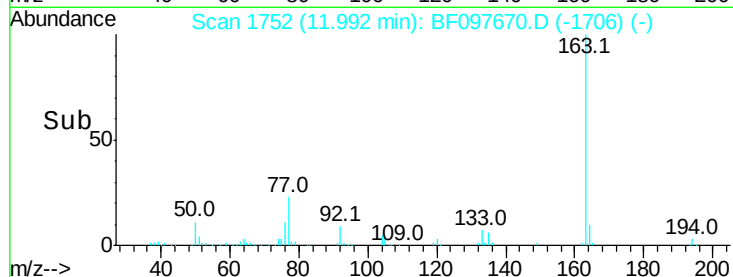
164 10.0 8.4 12.6



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: 14.75 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

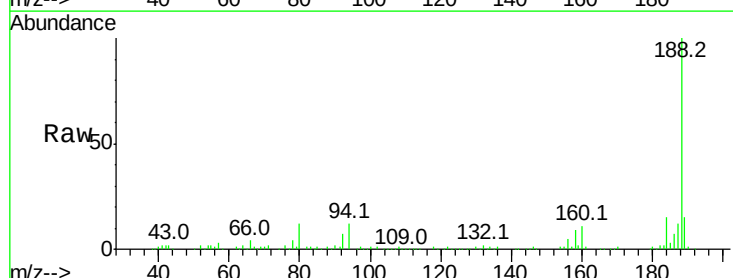
Tgt Ion:188 Resp: 247745

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

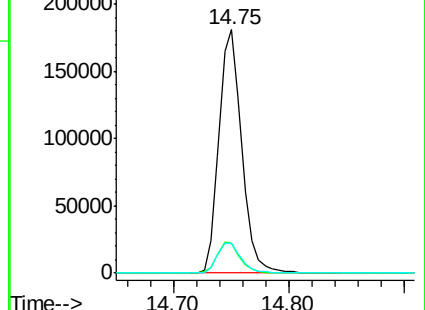
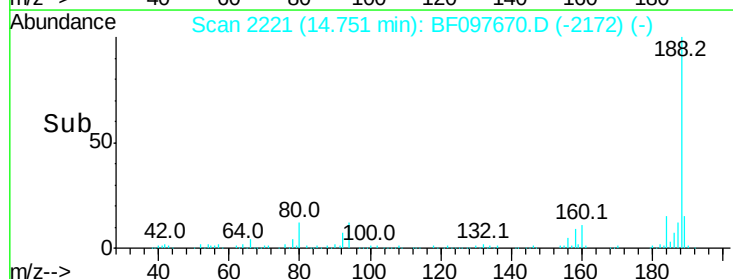
80 12.2 10.2 15.2

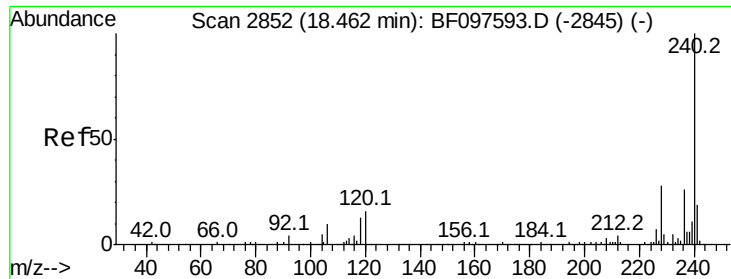


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.45 min Scan# 2850

Delta R.T. -0.01 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

Instrument :

BNA_F

ClientSampleId :

E2-G10-NSW

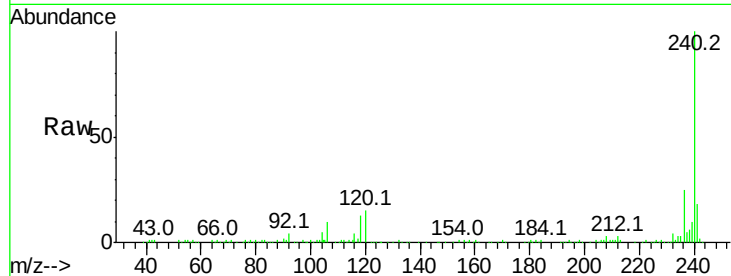
Tot Ion:240 Resp: 218226

Ion Ratio Lower Upper

240 100

120 15.1 5.8 8.8#

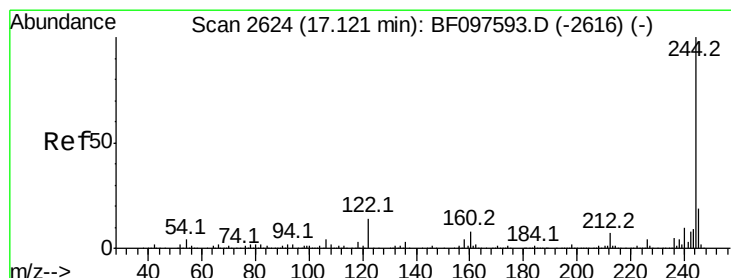
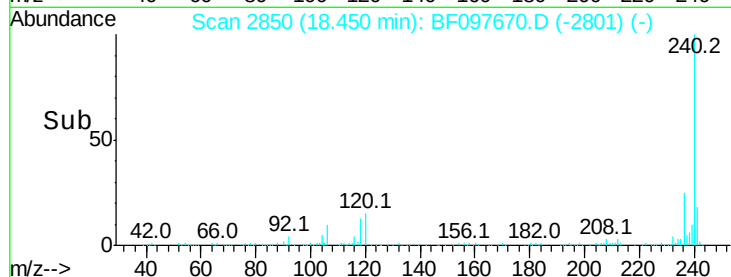
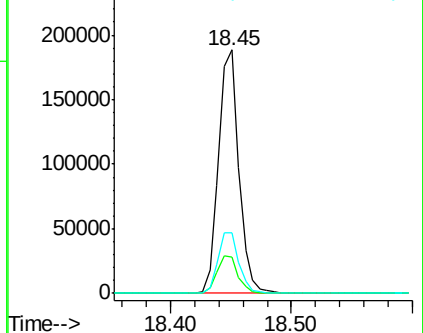
236 24.7 20.5 30.7



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: 33.654 ng

RT: 17.10 min Scan# 2621

Delta R.T. -0.02 min

Lab File: BF097670.D

Acq: 13 Aug 2017 12:47

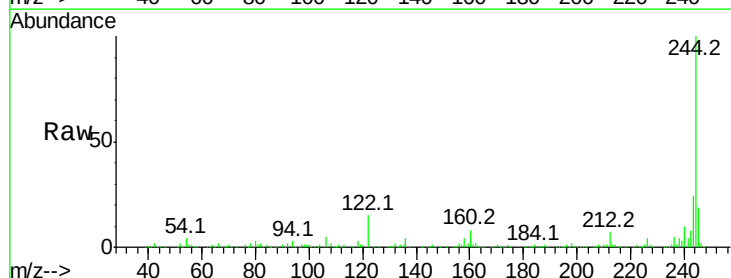
Tgt Ion:244 Resp: 354851

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

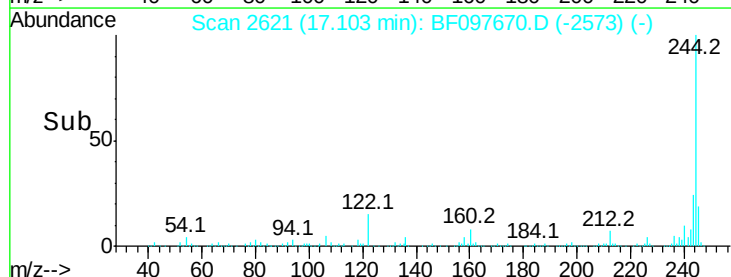
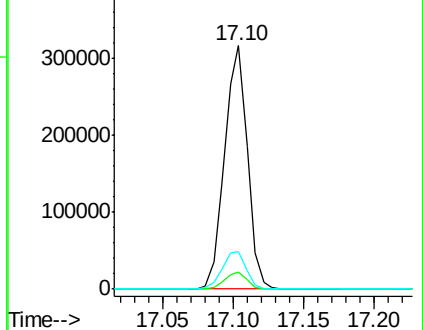
122 15.3 10.3 15.5

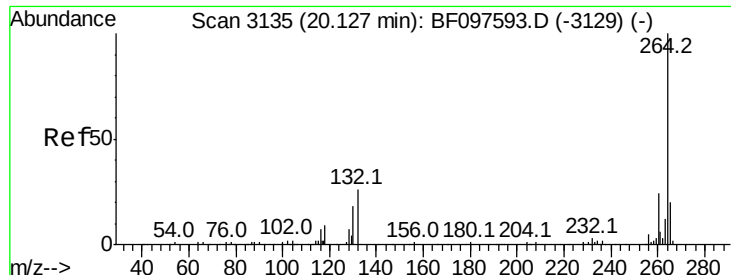


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

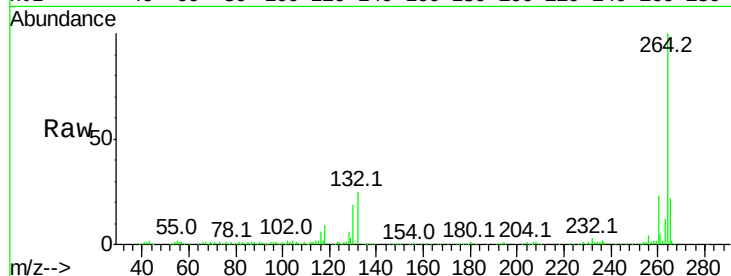




#86
Pervlene-d12
Concen: 20.000 ng
RT: 20.11 min Scan# 3133
Delta R.T. -0.01 min
Lab File: BF097670.D
Acq: 13 Aug 2017 12:47

Instrument :
BNA_F
ClientSampleId :
E2-G10-NSW

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	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

