

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097603.D
 Acq On : 11 Aug 2017 19:41
 Operator : SJ/JU
 Sample : I4706-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Quant Time: Aug 12 02:18:23 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

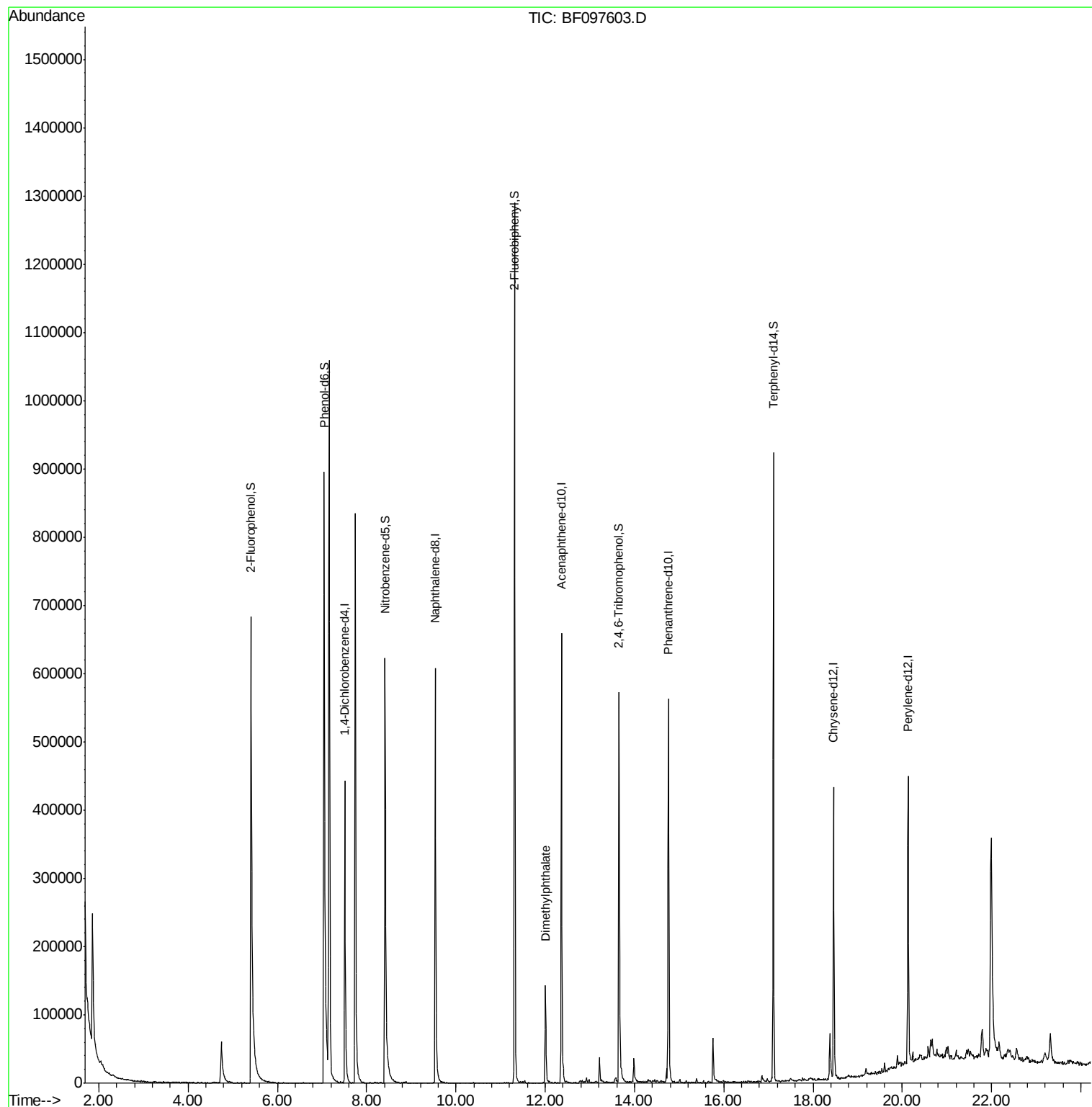
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	106761	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	450627	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	177280	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	312153	20.00	ng	0.00
75) Chrysene-d12	18.46	240	198752	20.00	ng	0.00
86) Perylene-d12	20.13	264	187657	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	442489	65.88	ng	0.00
7) Phenol-d6	7.05	99	527139	63.27	ng	-0.01
23) Nitrobenzene-d5	8.42	82	336119	46.77	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	98744	73.27	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	561680	47.82	ng	0.00
78) Terphenyl-d14	17.12	244	348655	36.31	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	12.00	163	93889	6.872	ng	99

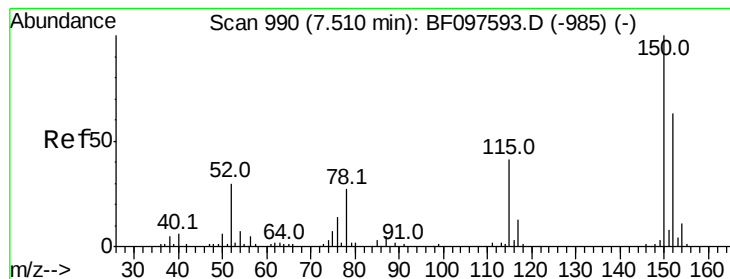
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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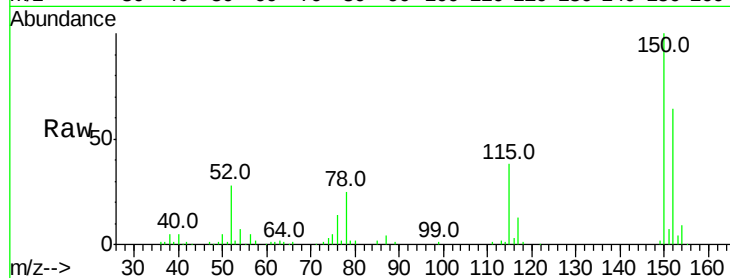


#1

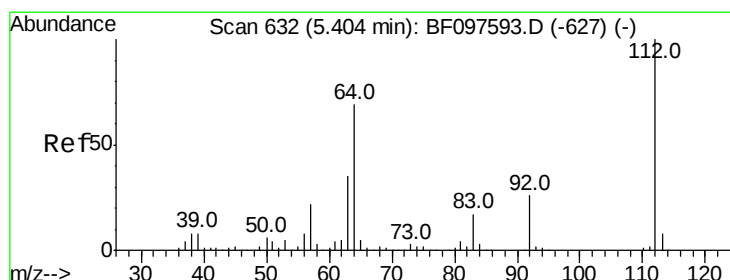
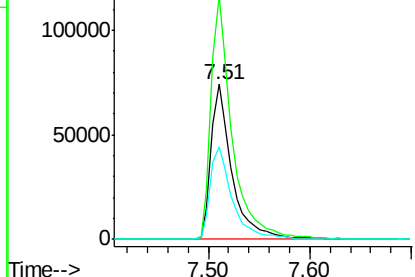
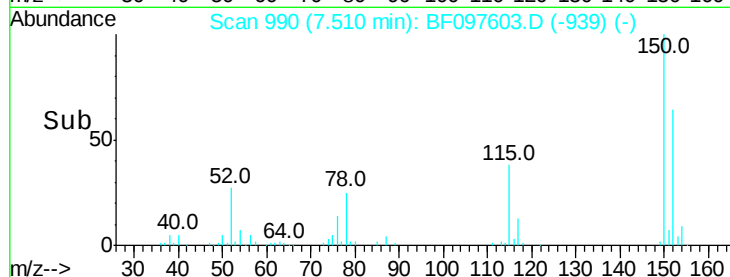
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.51 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Tot Ion:152 Resp: 106761
 Ion Ratio Lower Upper
 152 100
 150 157.3 126.2 189.2
 115 59.8 52.2 78.2



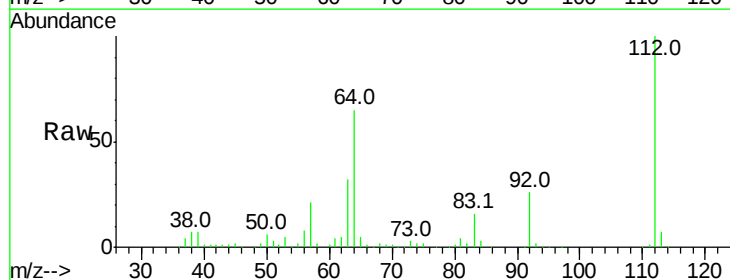
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



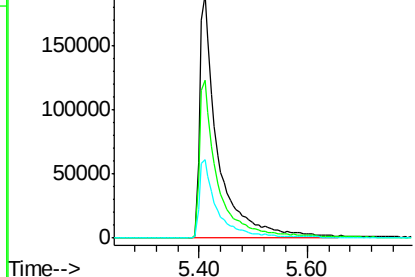
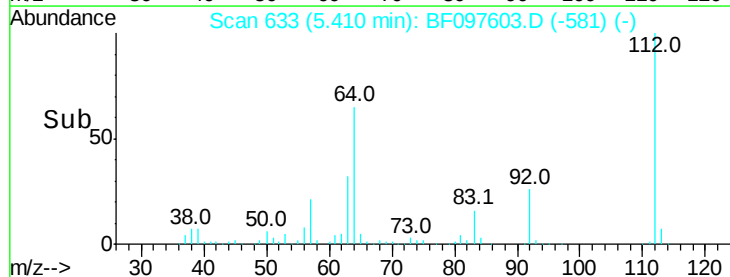
#5

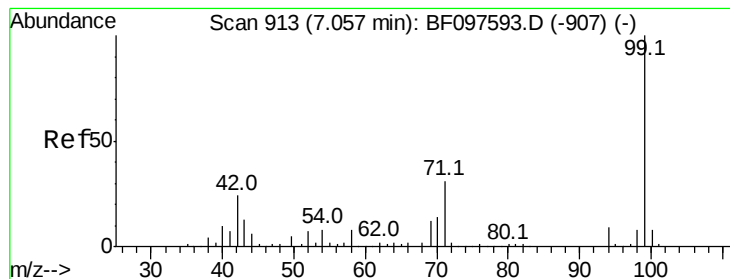
2-Fluorophenol
 Concen: 65.879 ng
 RT: 5.41 min Scan# 633
 Delta R.T. 0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Tgt Ion:112 Resp: 442489
 Ion Ratio Lower Upper
 112 100
 64 64.8 46.0 69.0
 63 32.4 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: 63.266 ng

RT: 7.05 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

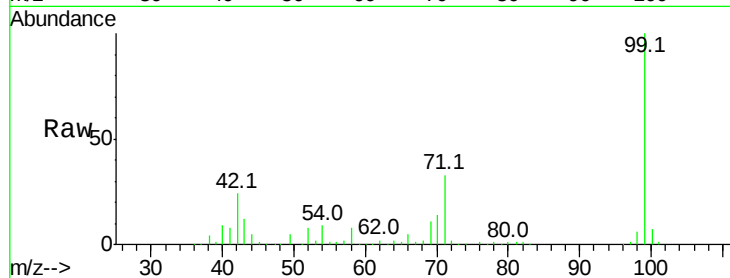
Tot Ion: 99 Resp: 527139

Ion Ratio Lower Upper

99 100

42 23.9 13.5 20.3#

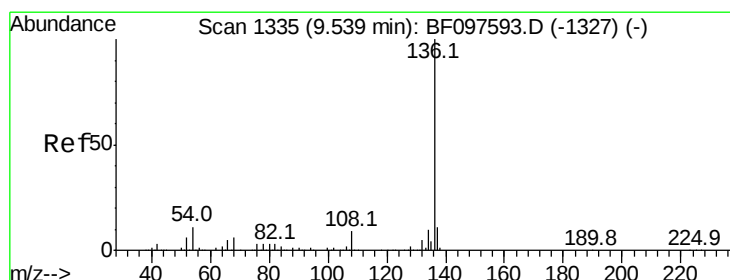
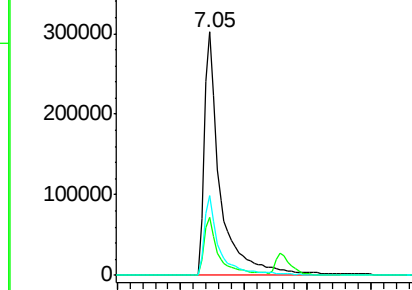
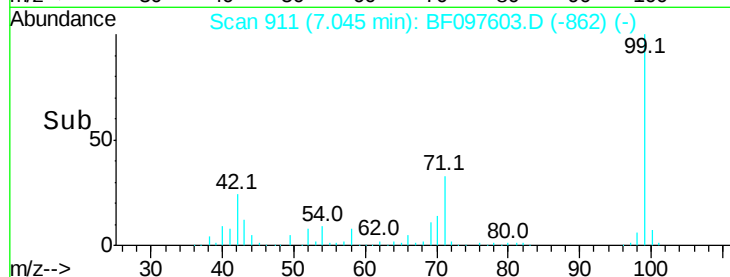
71 32.6 24.5 36.7



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: 9.54 min Scan# 1335

Delta R.T. 0.00 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Tgt Ion: 136 Resp: 450627

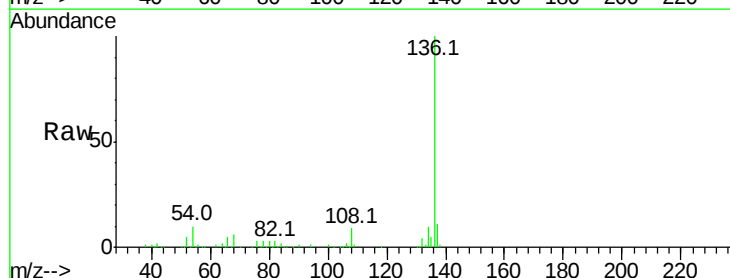
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.0 4.9 7.3#

68 5.9 4.1 6.1

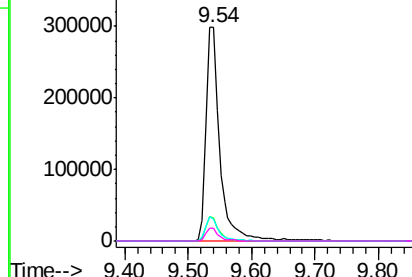
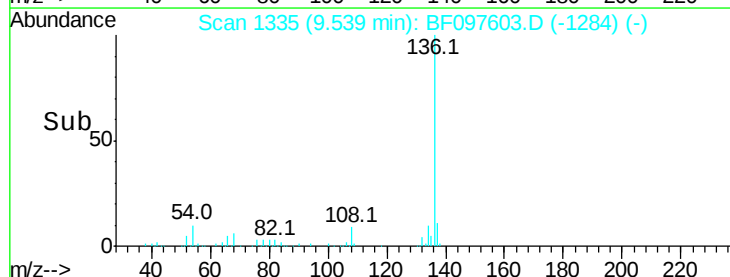


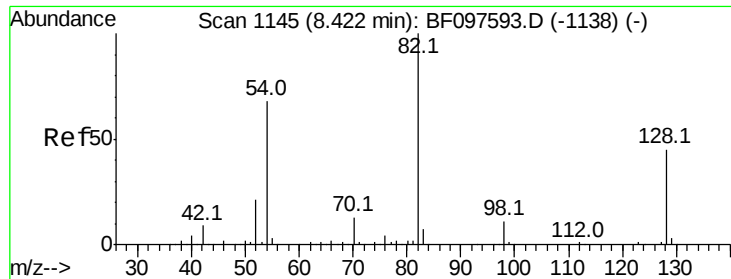
Abundance Ion 136.00 (135.70 to 136.70): E

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

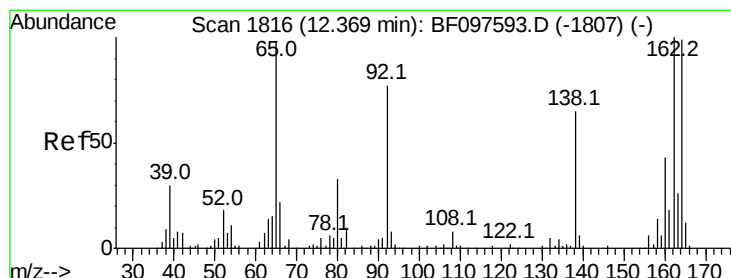
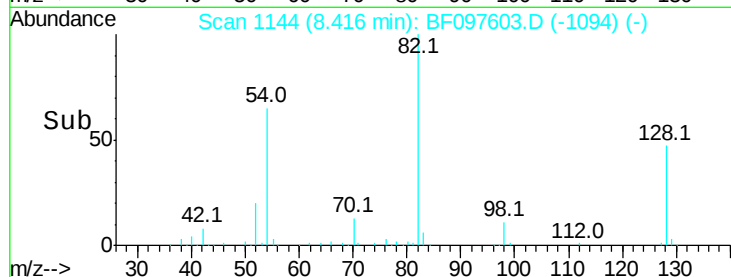
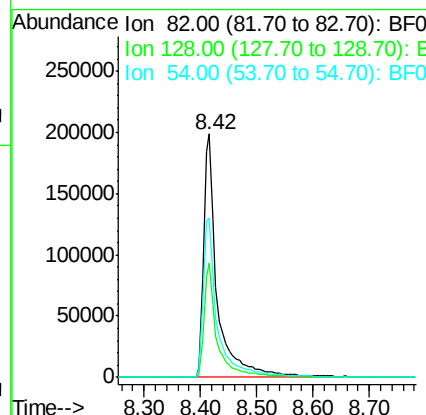
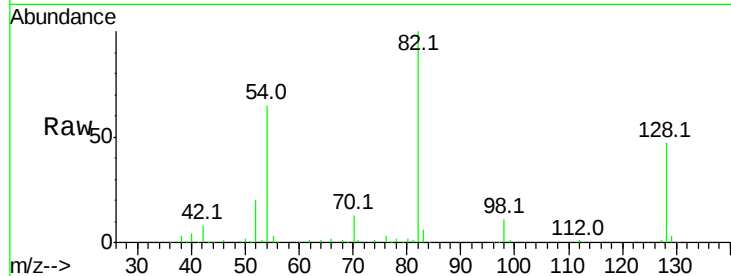




#23
Nitrobenzene-d5
Concen: 46.771 ng
RT: 8.42 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

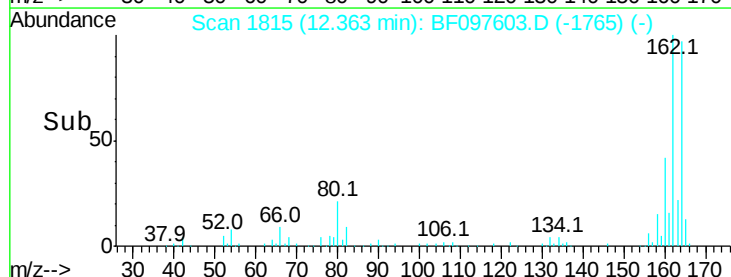
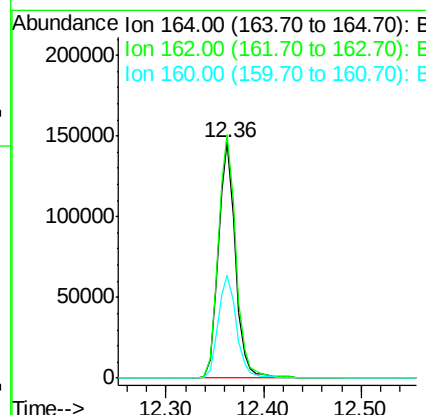
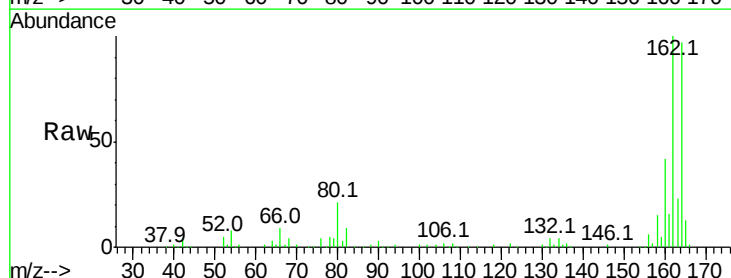
Instrument :
BNA_F
ClientSampleId :
OR-02-081017

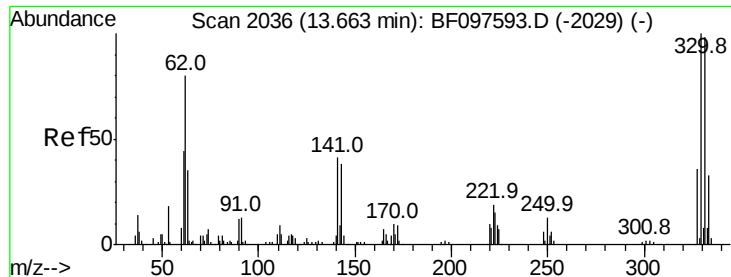
Tot Ion: 82 Resp: 336119
Ion Ratio Lower Upper
82 100
128 46.9 34.0 51.0
54 65.4 42.2 63.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 12.36 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF097603.D
Acq: 11 Aug 2017 19:41

Tgt Ion:164 Resp: 177280
Ion Ratio Lower Upper
164 100
162 103.4 82.6 123.8
160 43.9 36.2 54.2

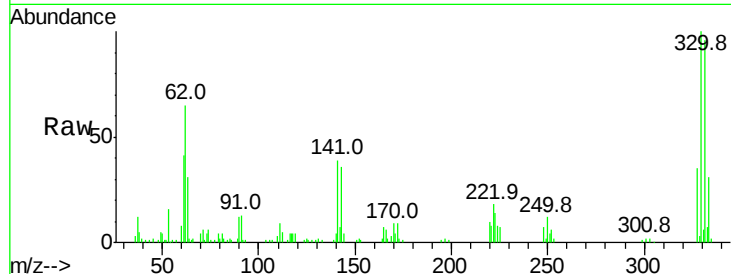




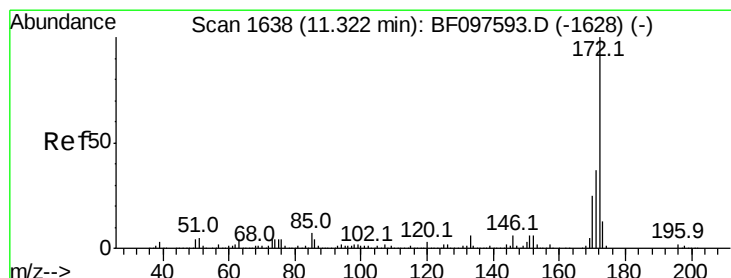
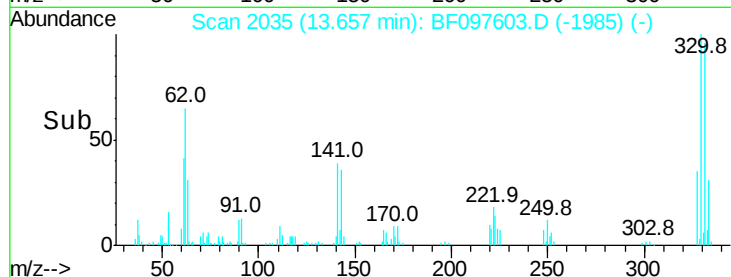
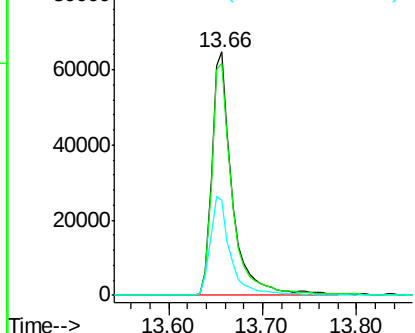
#41
 2,4,6-Tribromophenol
 Concen: 73.271 ng
 RT: 13.66 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Tot Ion:330 Resp: 98744
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 40.4 31.4 47.2

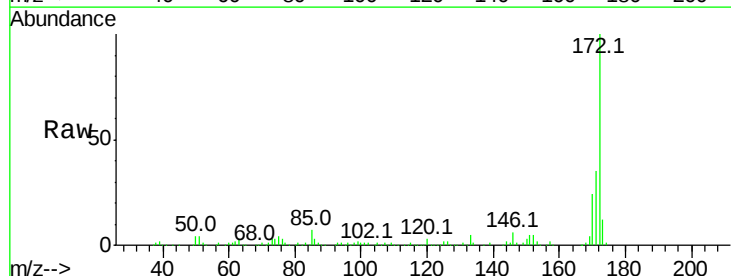


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

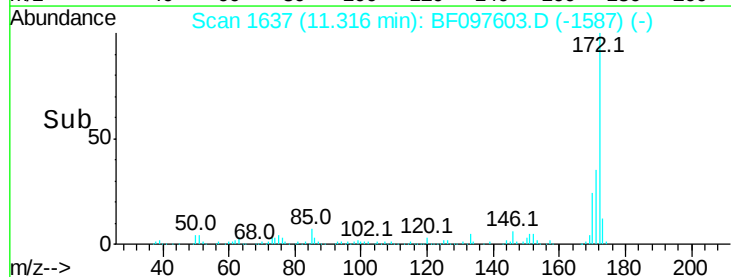
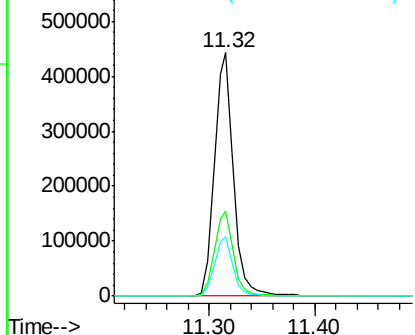


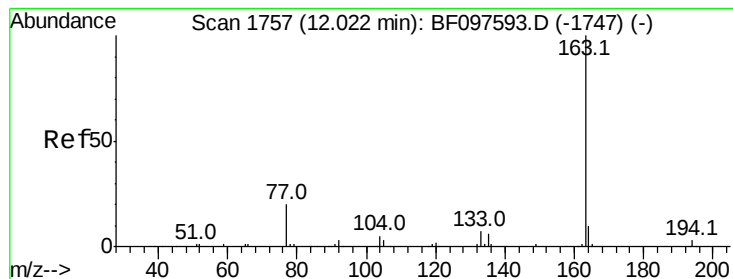
#44
 2-Fluorobiphenyl
 Concen: 47.816 ng
 RT: 11.32 min Scan# 1637
 Delta R.T. -0.01 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Tgt Ion:172 Resp: 561680
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.6 44.4
 170 24.4 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: 6.872 ng

RT: 12.00 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

BNA_F

ClientSampleId :

OR-02-081017

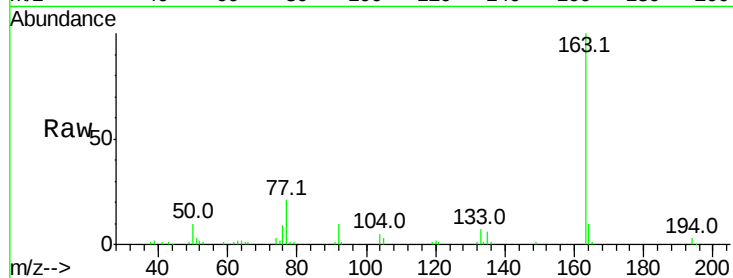
Tot Ion:163 Resp: 93889

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

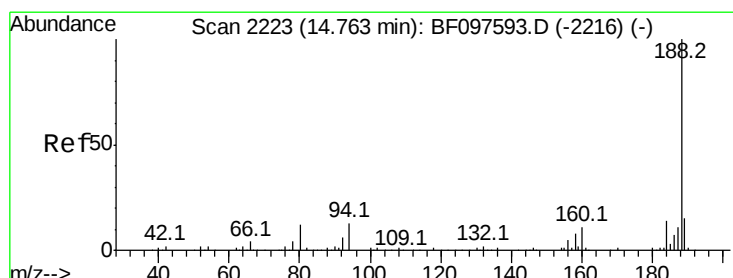
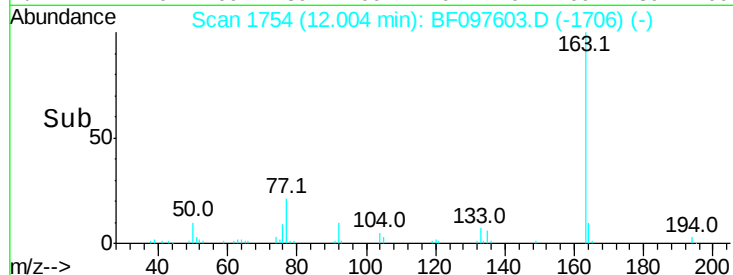
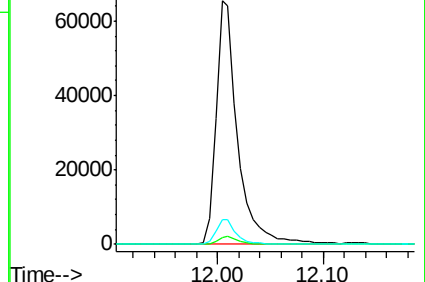
164 10.4 8.4 12.6



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: 14.76 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

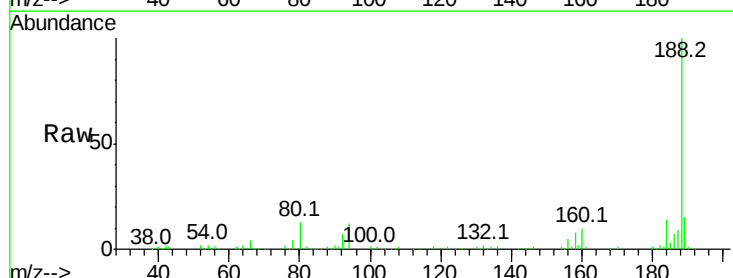
Tgt Ion:188 Resp: 312153

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

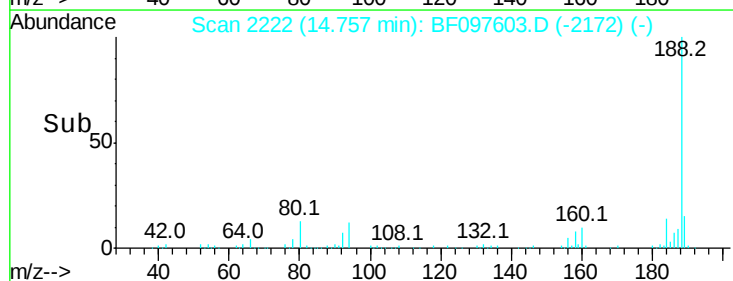
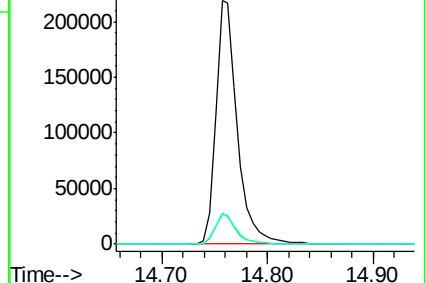
80 12.6 10.2 15.2

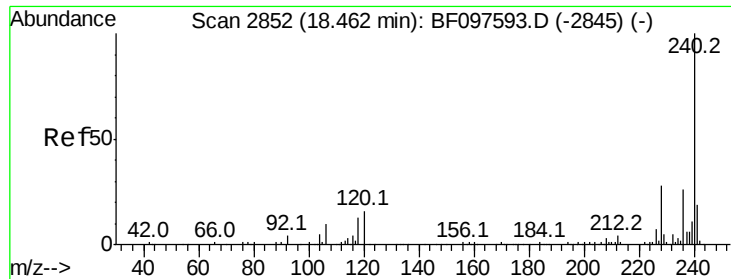


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.46 min Scan# 2852

Delta R.T. 0.00 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

Instrument :

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ClientSampleId :

OR-02-081017

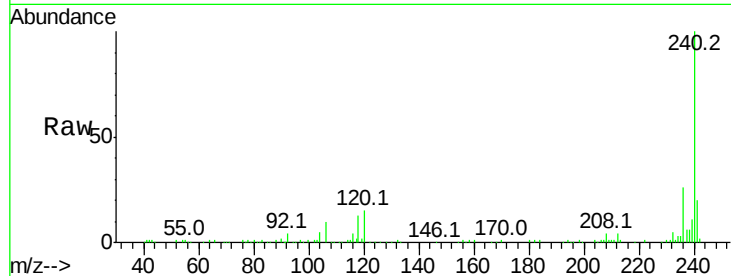
Tot Ion:240 Resp: 198752

Ion Ratio Lower Upper

240 100

120 14.7 5.8 8.8#

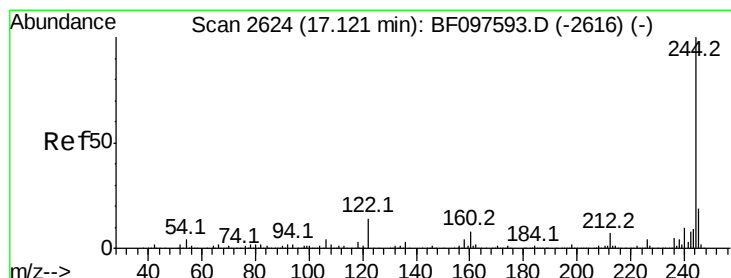
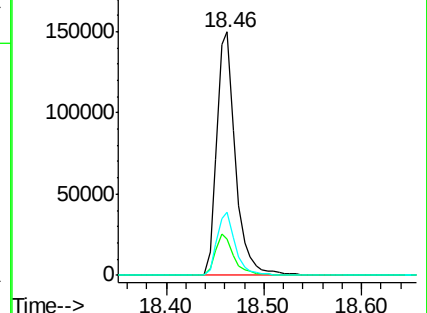
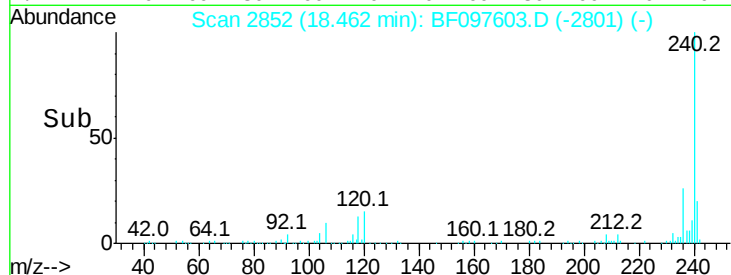
236 25.8 20.5 30.7



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: 36.306 ng

RT: 17.12 min Scan# 2623

Delta R.T. -0.01 min

Lab File: BF097603.D

Acq: 11 Aug 2017 19:41

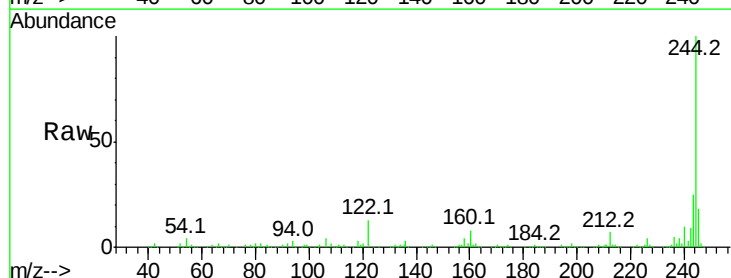
Tgt Ion:244 Resp: 348655

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

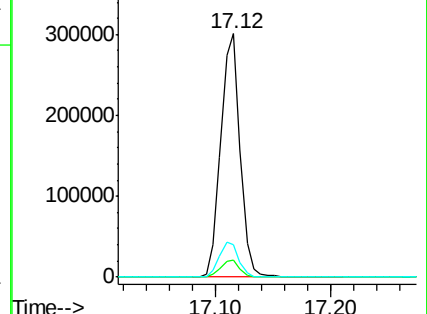
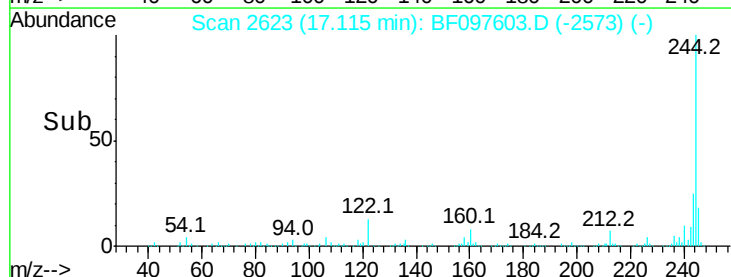
122 13.5 10.3 15.5

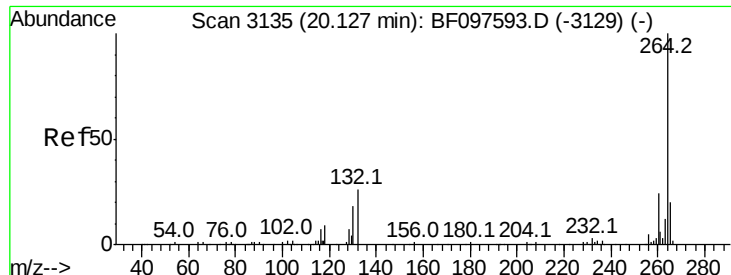


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

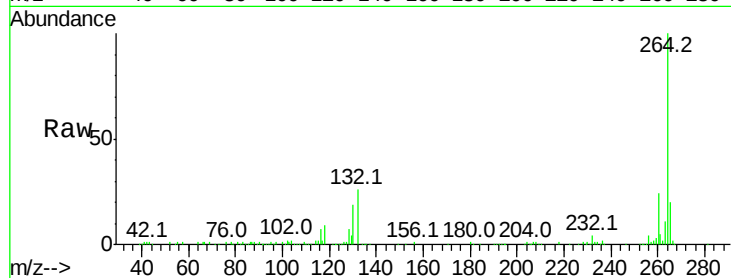




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. 0.00 min
 Lab File: BF097603.D
 Acq: 11 Aug 2017 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OR-02-081017

Tot Ion: 264 Resp: 187657
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 20.4 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 200000
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

