

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097496.D
 Acq On : 9 Aug 2017 4:10
 Operator : SJ/JU
 Sample : I4604-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-080217

Quant Time: Aug 09 05:07:57 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

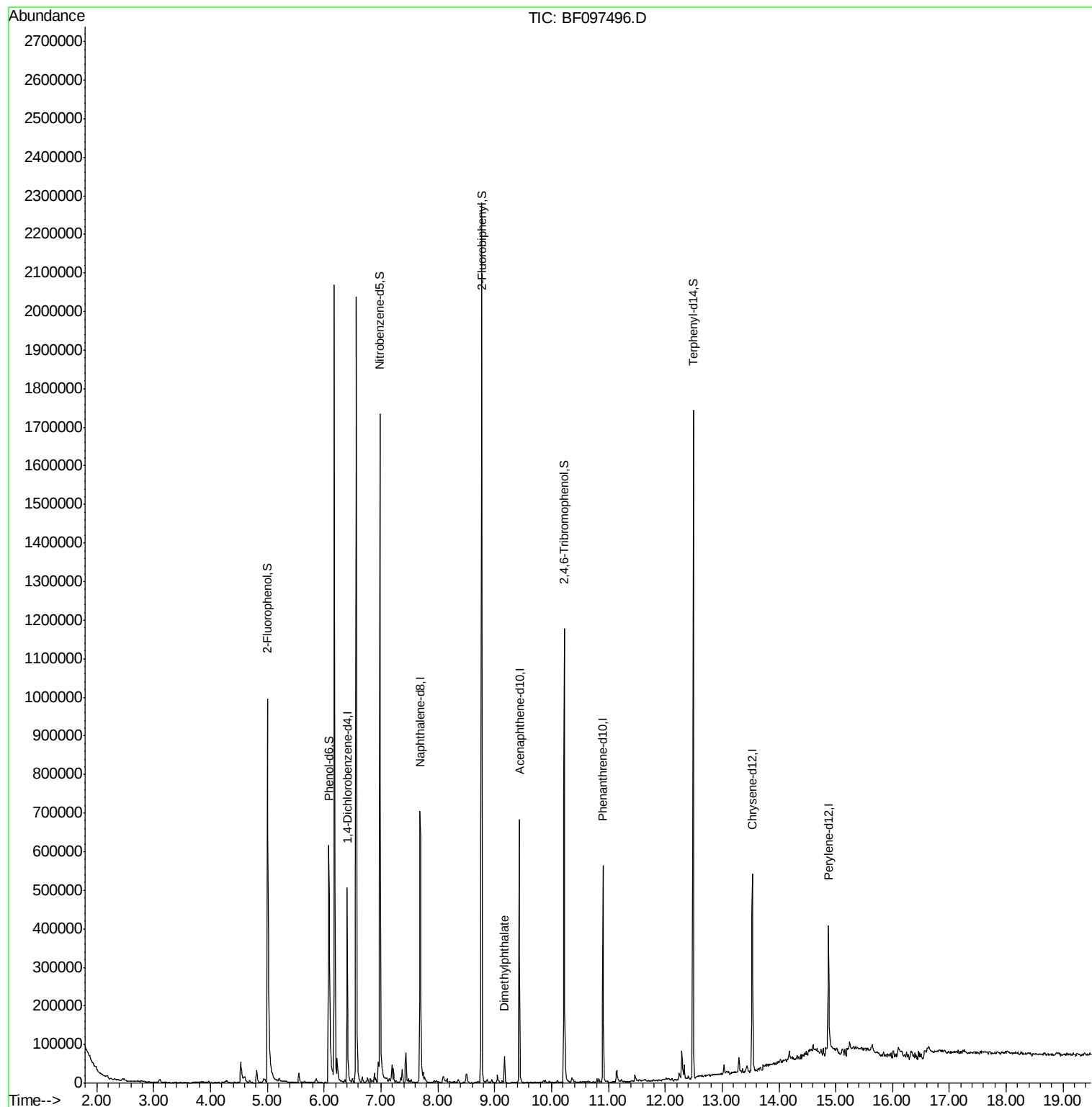
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	81649	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	334366	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	126586	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	199160	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	165678	20.00	ng	0.00
86) Perylene-d12	14.87	264	129062	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	401682	74.16	ng	0.00
7) Phenol-d6	6.08	99	290001	46.90	ng	0.00
23) Nitrobenzene-d5	6.98	82	515371	90.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	127897	127.88	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	709339	95.10	ng	0.00
78) Terphenyl-d14	12.49	244	518656	63.83	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.17	163	29086	3.026	ng	Qvalue 98

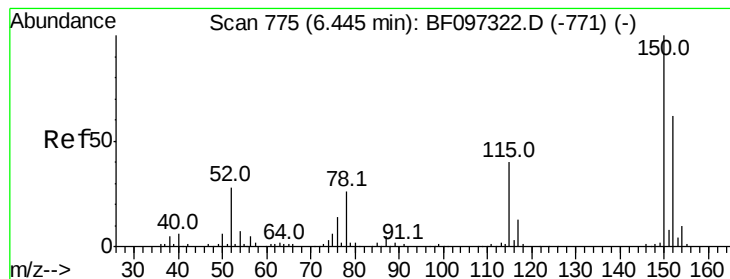
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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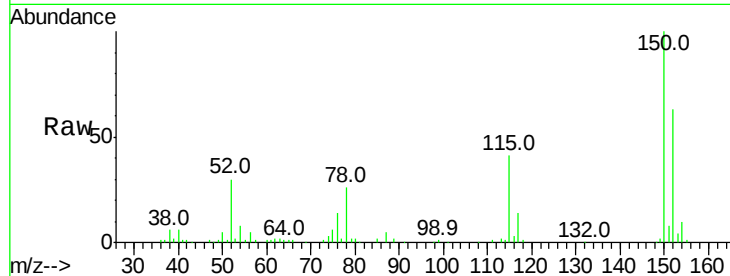


#1

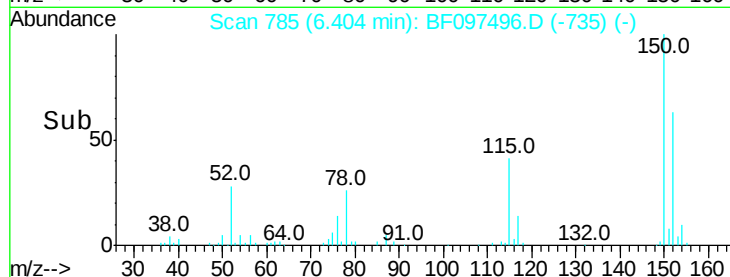
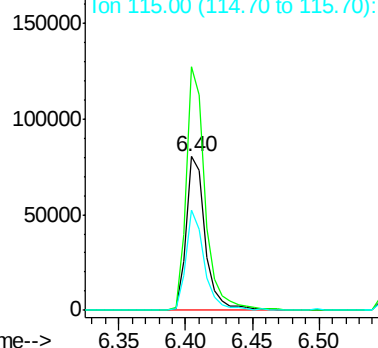
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-080217

Tot Ion:152 Resp: 81649
 Ion Ratio Lower Upper
 152 100
 150 158.5 126.2 189.2
 115 64.9 52.2 78.2



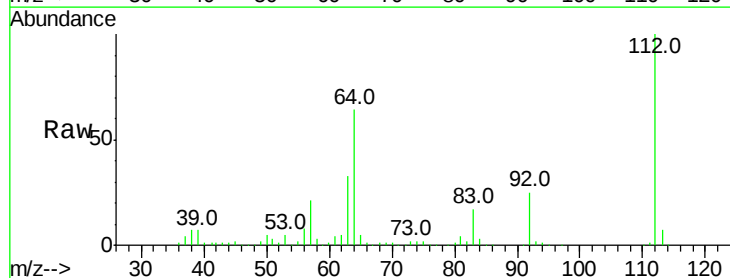
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



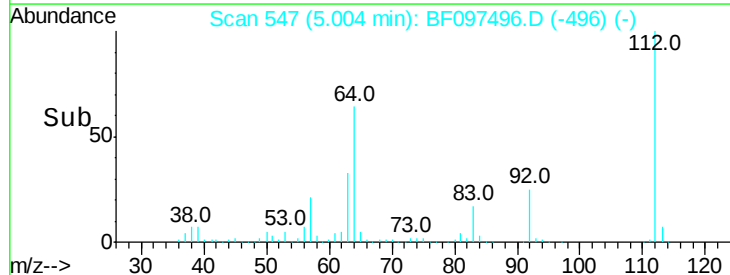
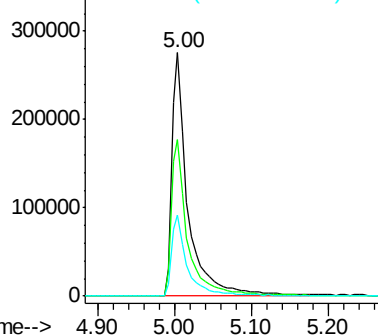
#5

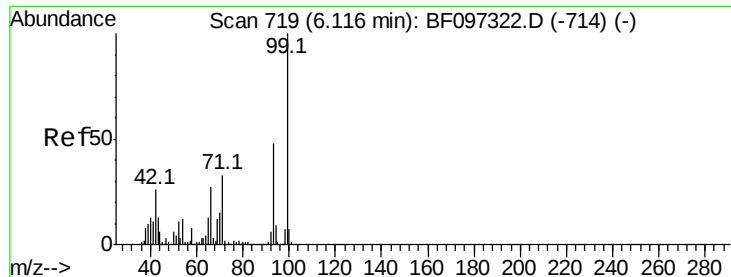
2-Fluorophenol
 Concen: 74.163 ng
 RT: 5.00 min Scan# 547
 Delta R.T. 0.00 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Tgt Ion:112 Resp: 401682
 Ion Ratio Lower Upper
 112 100
 64 64.4 46.0 69.0
 63 33.3 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: 46.901 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampleId :

MW-2A-080217

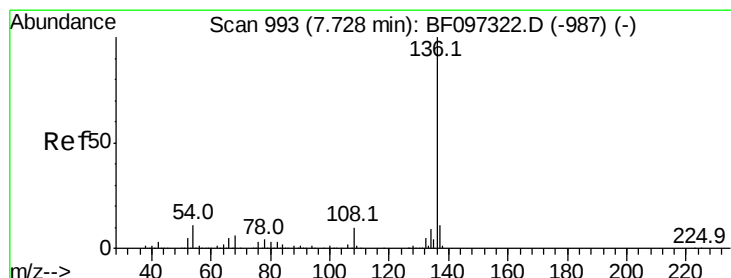
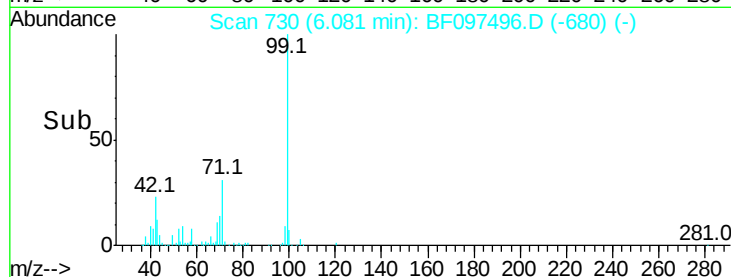
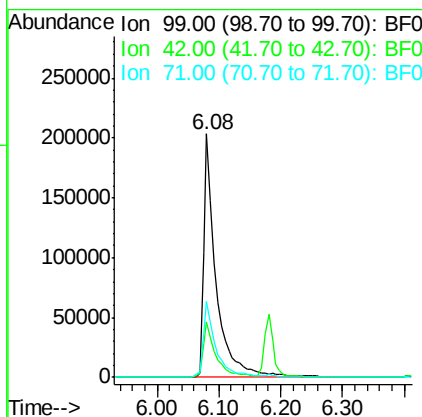
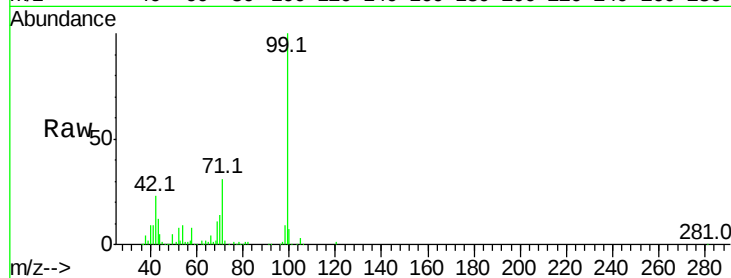
Tot Ion: 99 Resp: 290001

Ion Ratio Lower Upper

99 100

42 23.0 13.5 20.3#

71 31.0 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Tgt Ion: 136 Resp: 334366

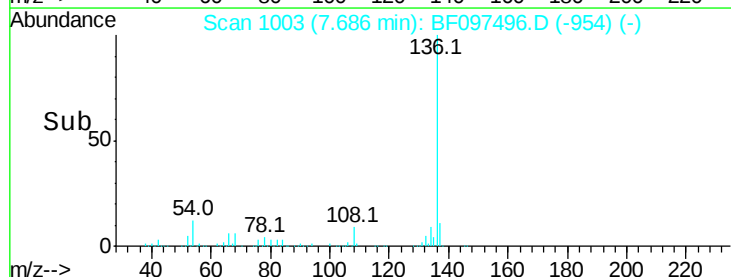
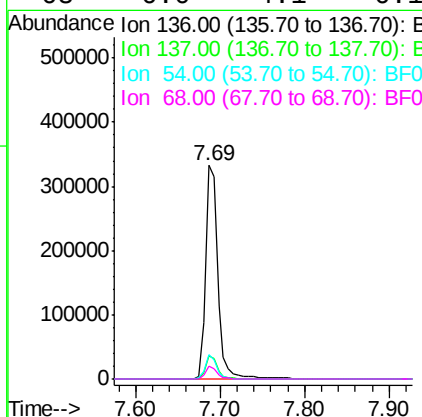
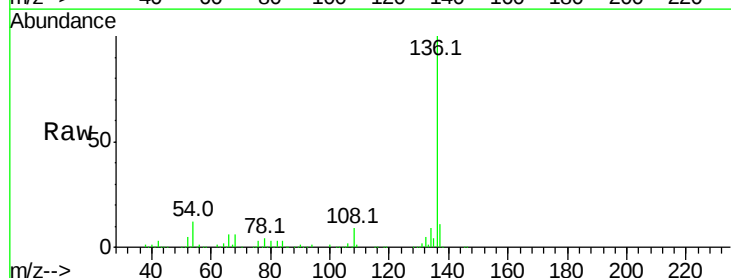
Ion Ratio Lower Upper

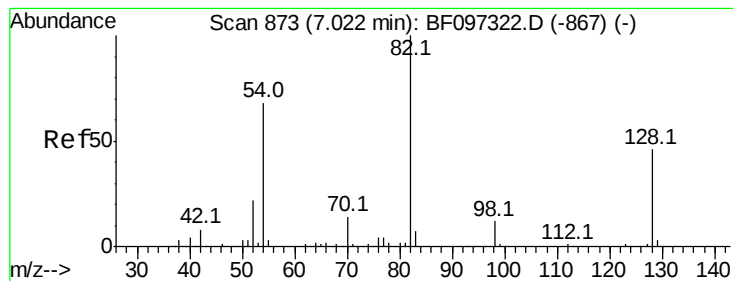
136 100

137 10.8 8.5 12.7

54 11.7 4.9 7.3#

68 6.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 90.421 ng

RT: 6.98 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampleId :

MW-2A-080217

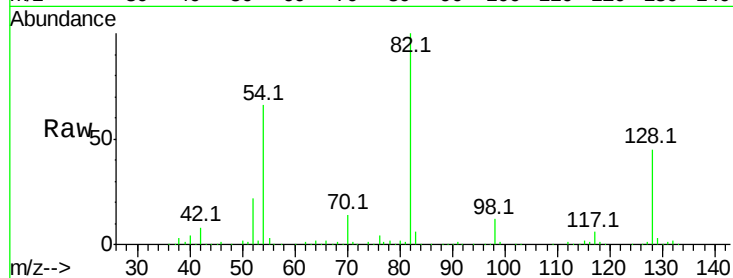
Tot Ion: 82 Resp: 515371

Ion Ratio Lower Upper

82 100

128 45.3 34.0 51.0

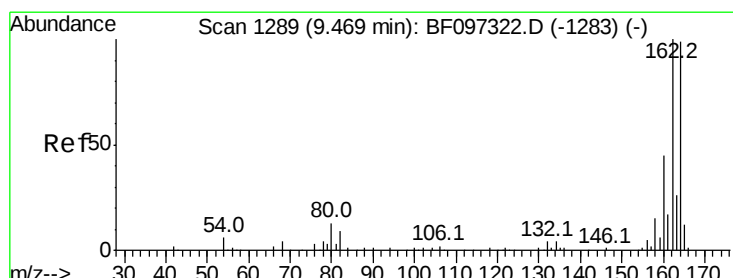
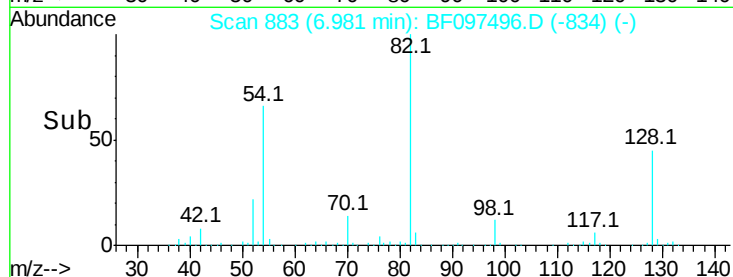
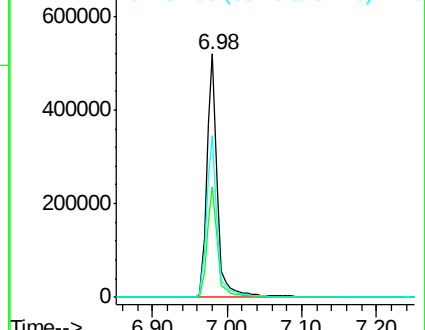
54 66.4 42.2 63.2#



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: 9.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

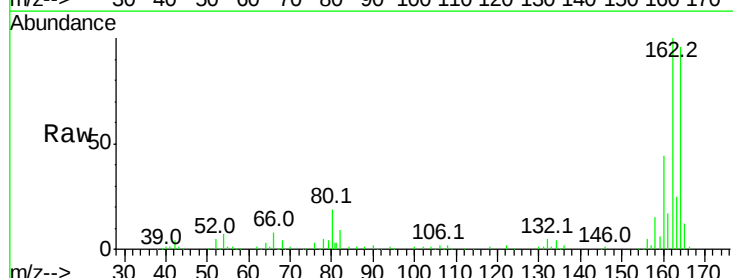
Tgt Ion:164 Resp: 126586

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

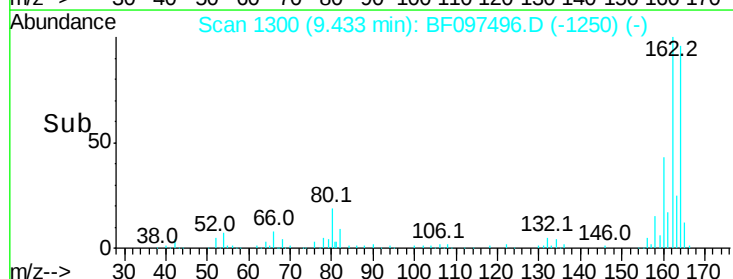
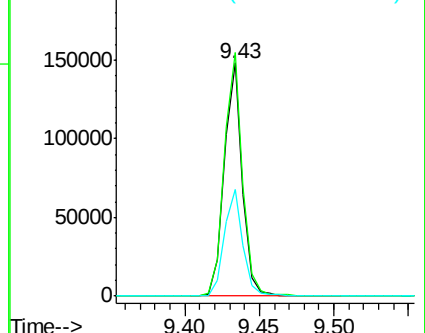
160 45.9 36.2 54.2



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

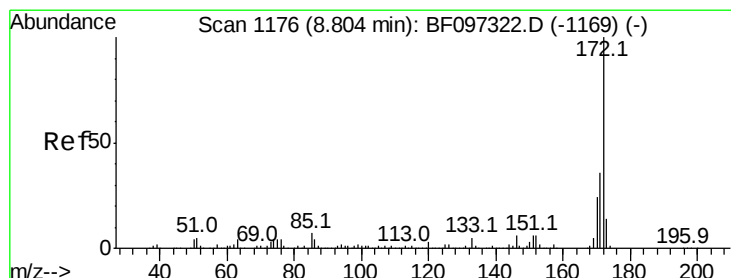
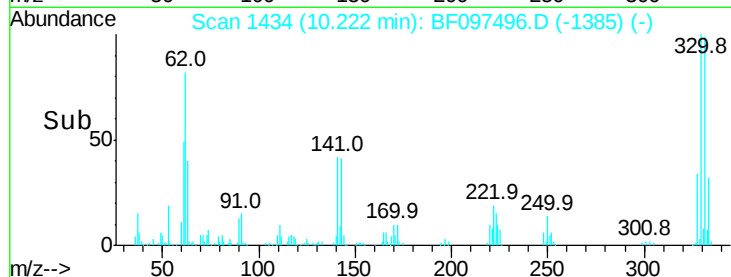
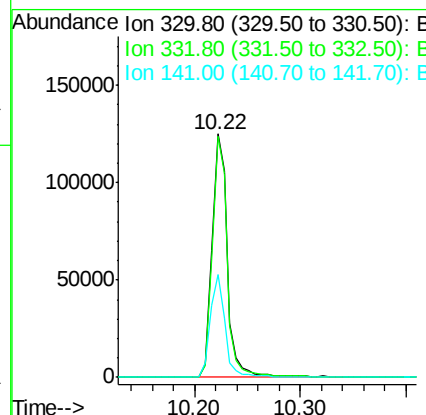
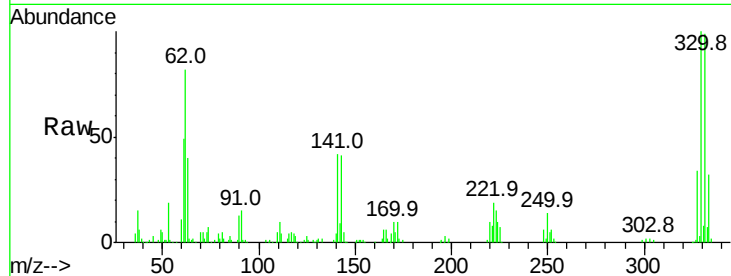




#41
 2,4,6-Tribromophenol
 Concen: 127.878 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

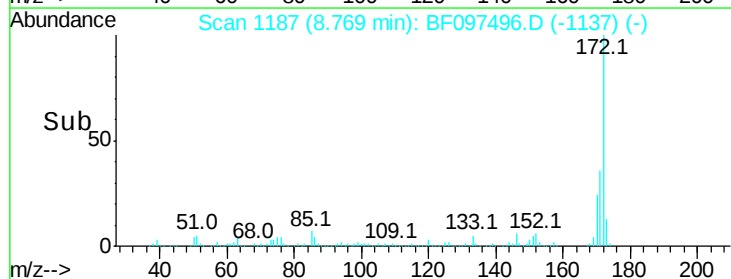
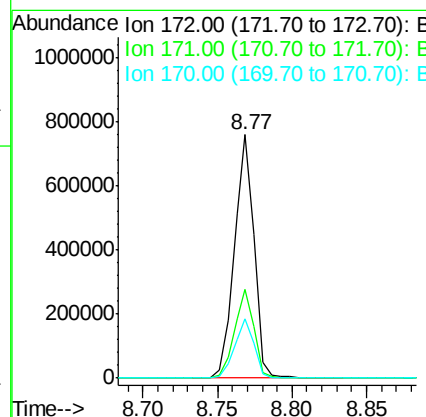
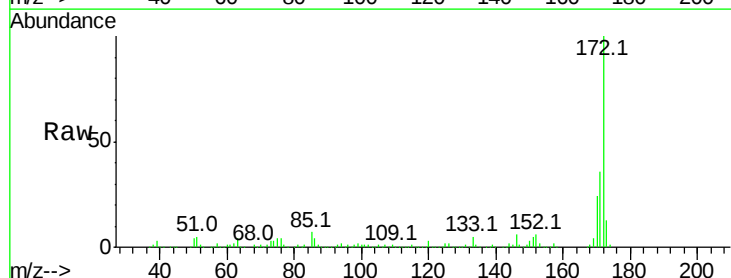
Instrument :
 BNA_F
 ClientSampleId :
 MW-2A-080217

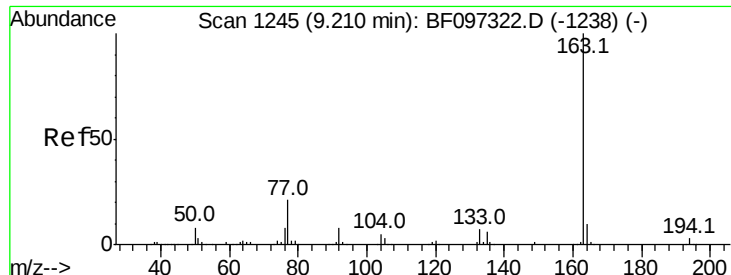
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.6	115.0
141	40.3	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 95.099 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097496.D
 Acq: 9 Aug 2017 4:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.5	19.8	29.8

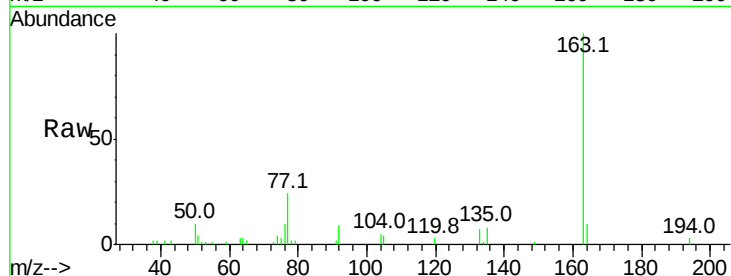




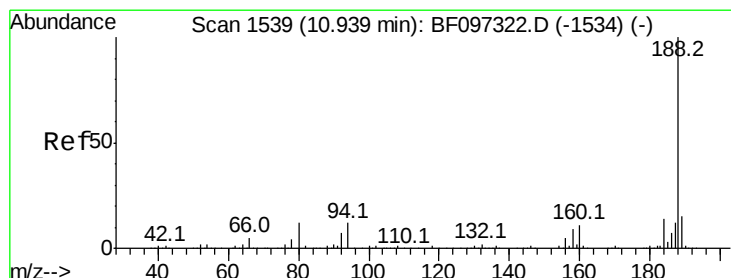
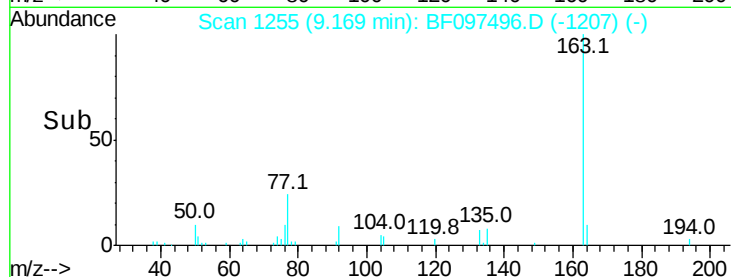
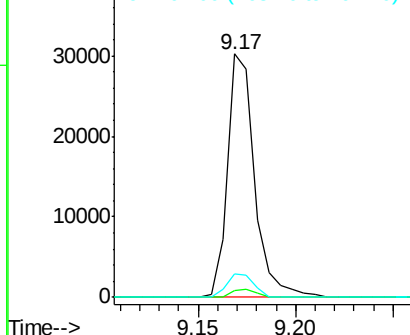
#49
Dimethylphthalate
Concen: 3.026 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
MW-2A-080217

Tot Ion:163 Resp: 29086
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 9.6 8.4 12.6

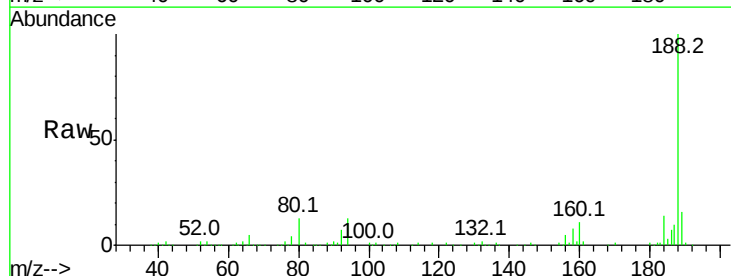


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

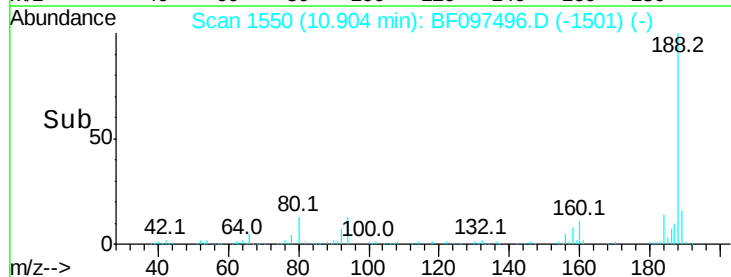
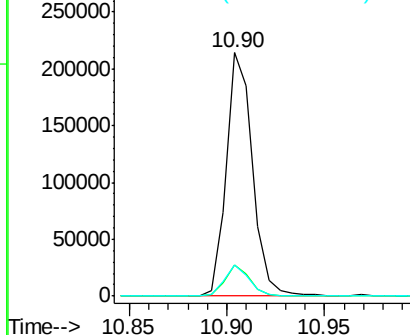


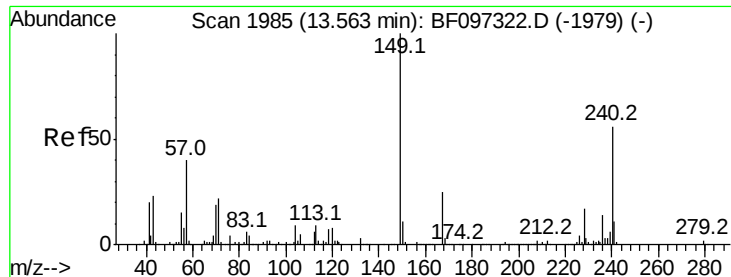
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Tgt Ion:188 Resp: 199160
Ion Ratio Lower Upper
188 100
94 12.6 9.4 14.2
80 13.0 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: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

Instrument :

BNA_F

ClientSampleId :

MW-2A-080217

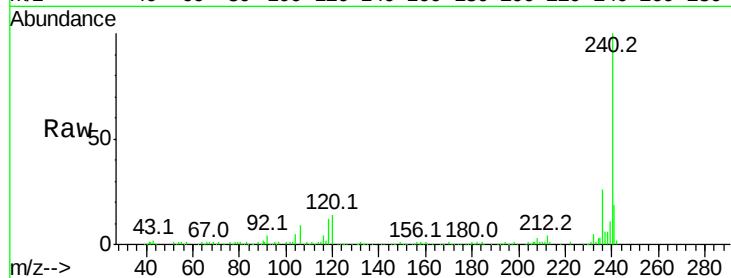
Tot Ion:240 Resp: 165678

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

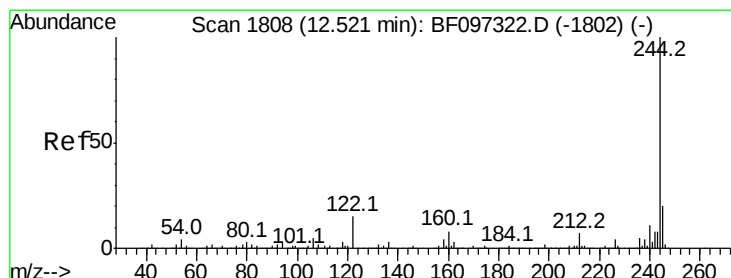
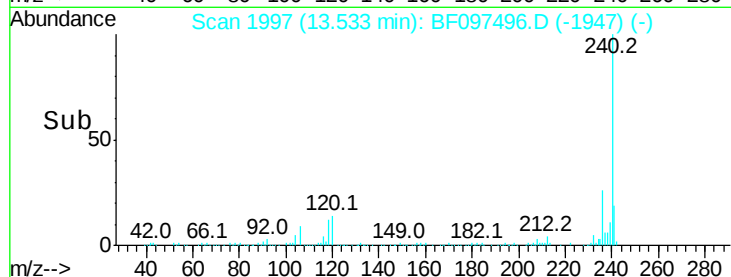
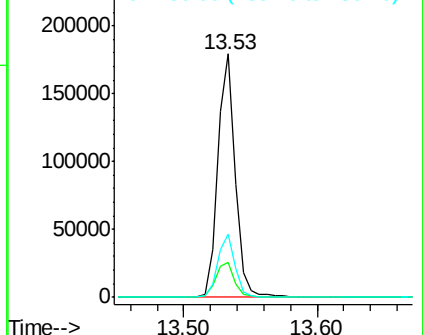
236 25.9 20.5 30.7



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: 63.826 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097496.D

Acq: 9 Aug 2017 4:10

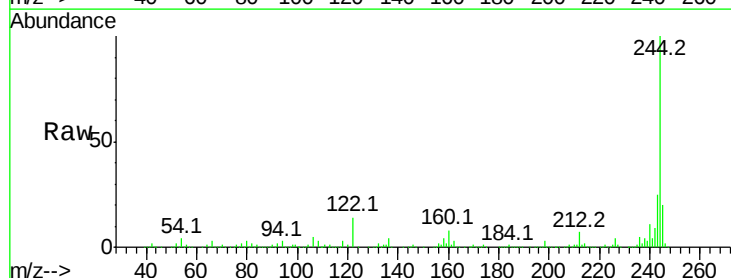
Tgt Ion:244 Resp: 518656

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

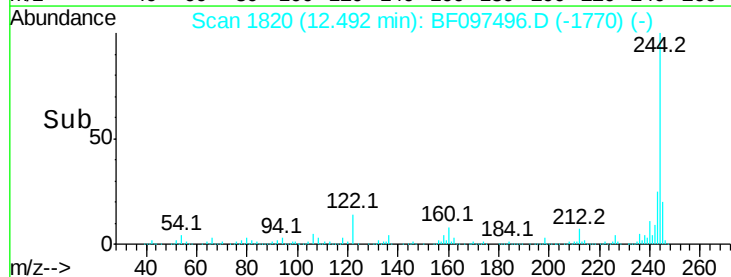
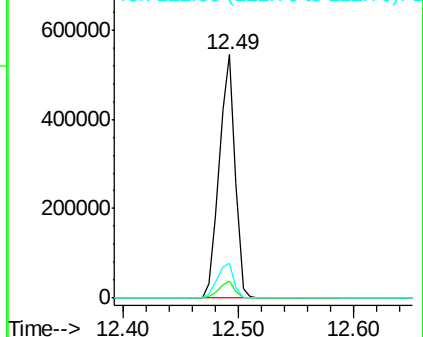
122 14.1 10.3 15.5

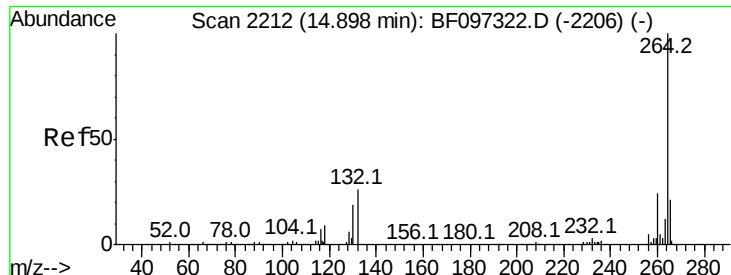


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

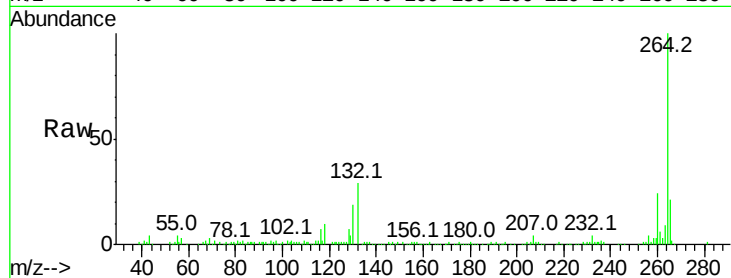




#86
Pervlene-d12
Concen: 20.000 ng
RT: 14.87 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BF097496.D
Acq: 9 Aug 2017 4:10

Instrument :
BNA_F
ClientSampleId :
MW-2A-080217

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	20.9	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

