

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097495.D
 Acq On : 9 Aug 2017 3:43
 Operator : SJ/JU
 Sample : I4604-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-080217

Quant Time: Aug 09 04:58:59 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

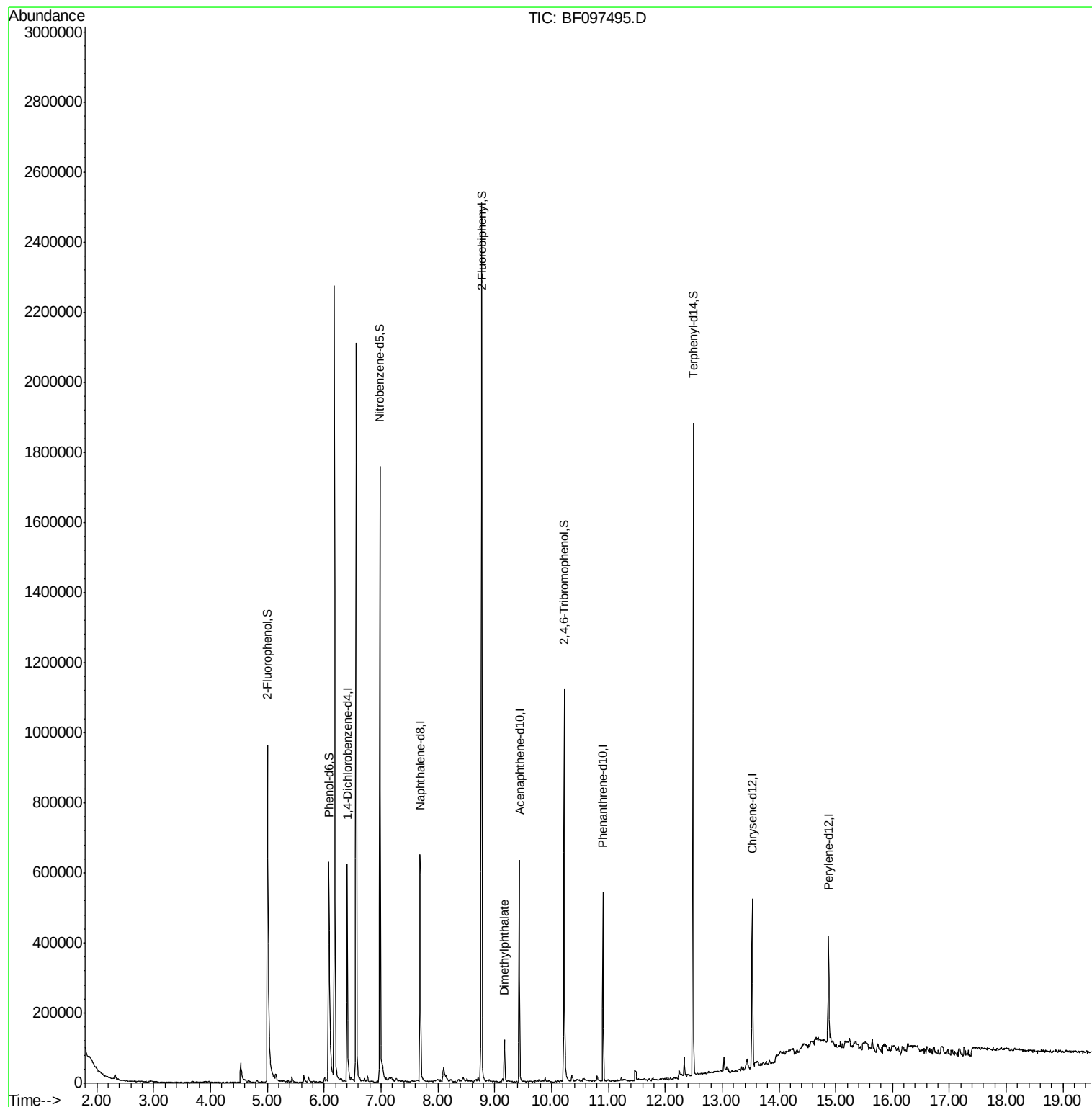
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	92341	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	319945	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	121829	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	195371	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	154169	20.00	ng	0.00
86) Perylene-d12	14.87	264	122611	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	402399	65.69	ng	0.00
7) Phenol-d6	6.08	99	299279	42.80	ng	0.00
23) Nitrobenzene-d5	6.98	82	551608	101.14	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	124573	129.42	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	808182	112.58	ng	0.00
78) Terphenyl-d14	12.49	244	581439	76.89	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.17	163	45248	4.891	ng	99

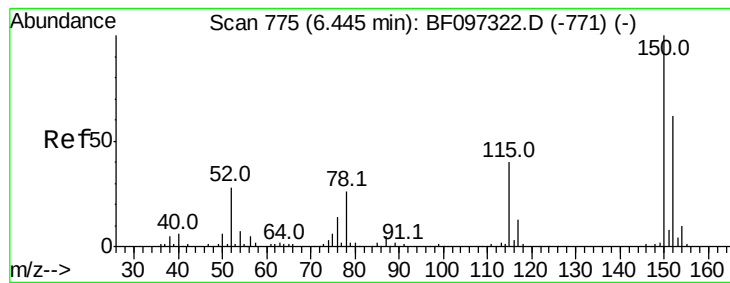
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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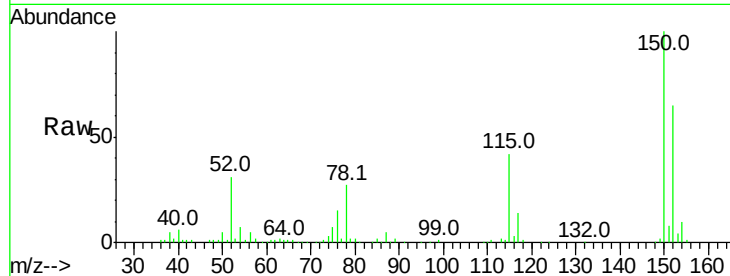


#1

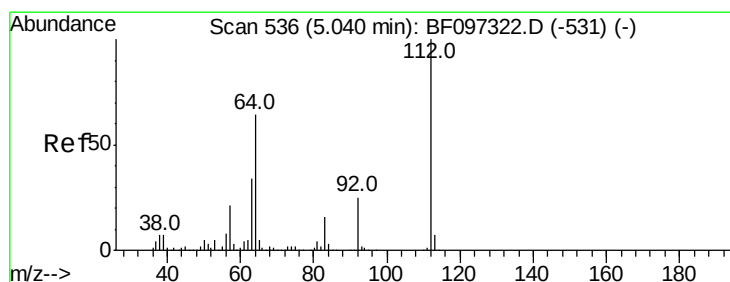
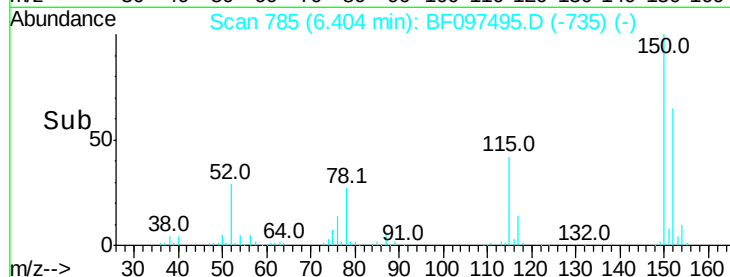
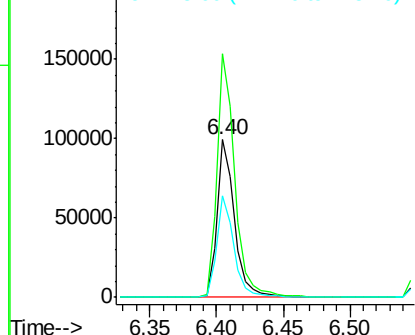
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097495.D
Acq: 9 Aug 2017 3:43

Instrument :
BNA_F
ClientSampleId :
MW-3A-080217

Tot Ion:152 Resp: 92341
Ion Ratio Lower Upper
152 100
150 154.3 126.2 189.2
115 64.7 52.2 78.2



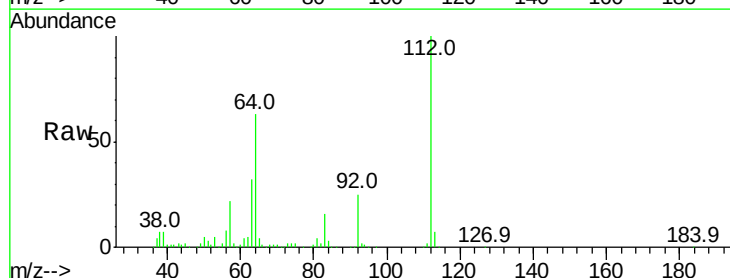
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



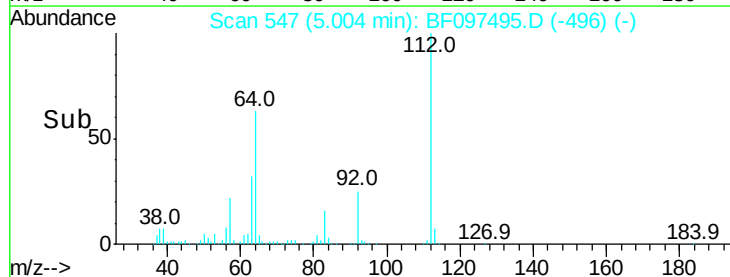
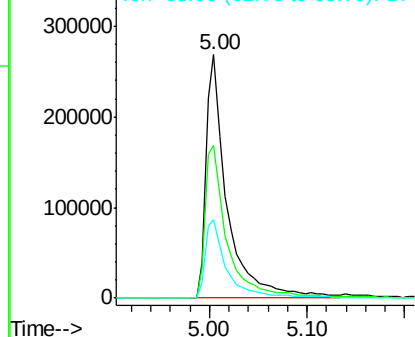
#5

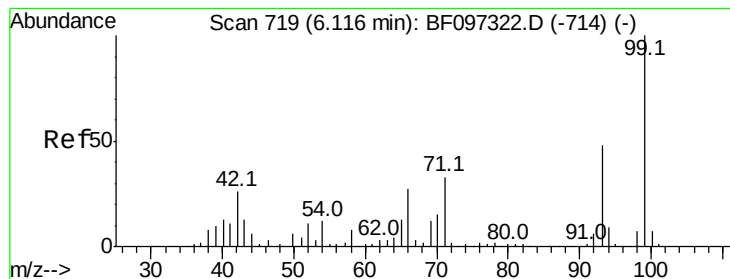
2-Fluorophenol
Concen: 65.693 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097495.D
Acq: 9 Aug 2017 3:43

Tgt Ion:112 Resp: 402399
Ion Ratio Lower Upper
112 100
64 62.8 46.0 69.0
63 32.5 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: 42.797 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097495.D

Acq: 9 Aug 2017 3:43

Instrument :

BNA_F

ClientSampled :

MW-3A-080217

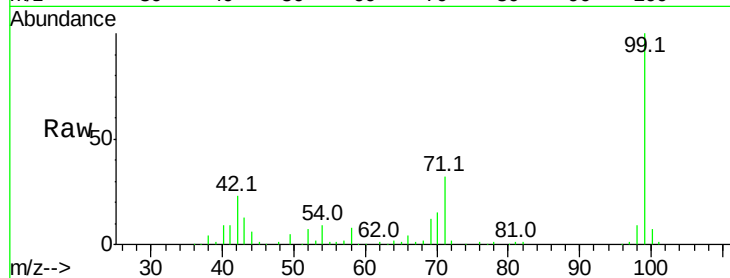
Tot Ion: 99 Resp: 299279

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

71 31.8 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

250000

200000

150000

100000

50000

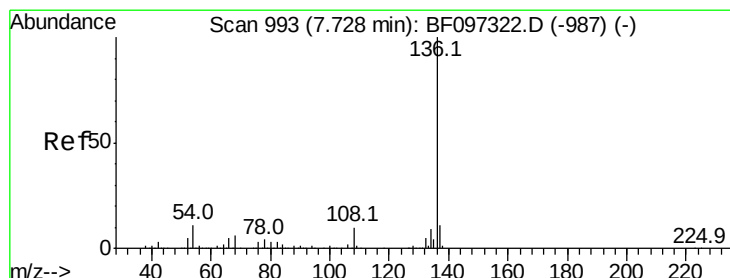
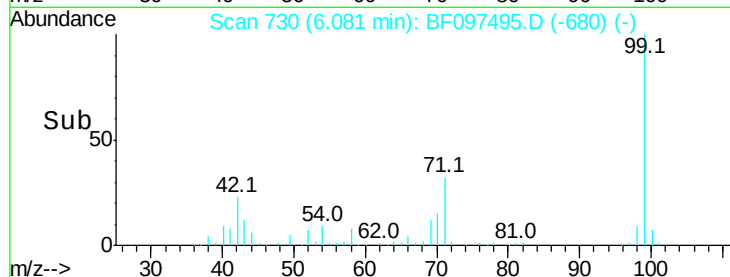
0

6.08

6.10

6.20

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097495.D

Acq: 9 Aug 2017 3:43

Tgt Ion: 136 Resp: 319945

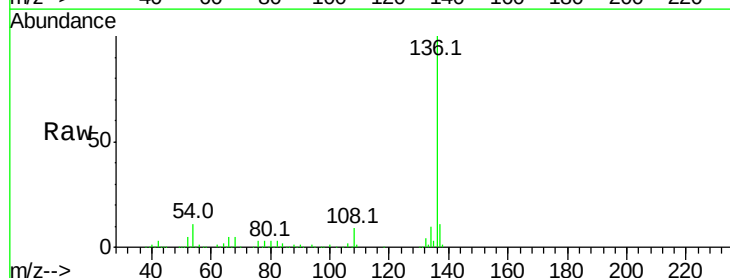
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.5 4.9 7.3#

68 5.5 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

500000

400000

300000

200000

100000

0

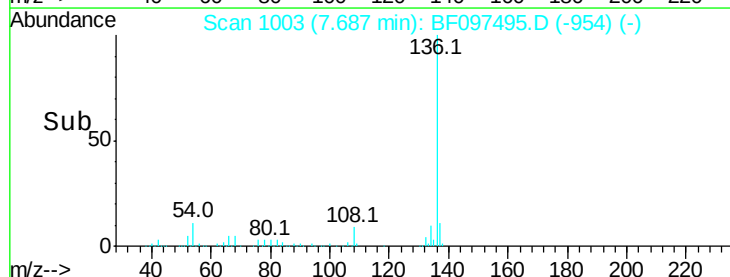
7.69

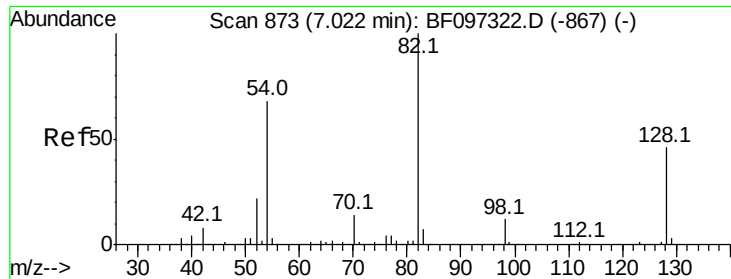
7.70

7.80

7.90

Time-->

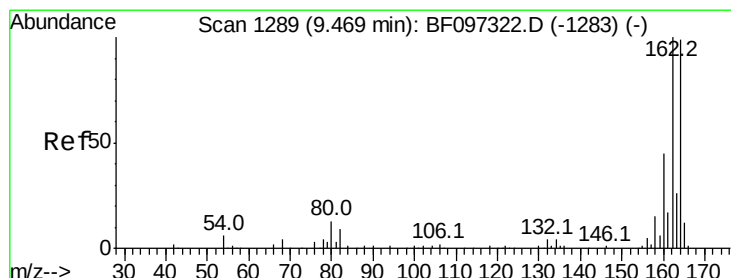
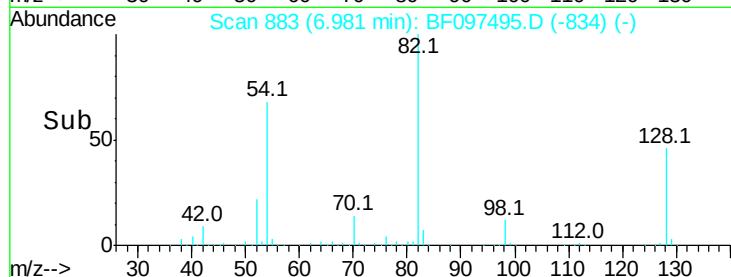
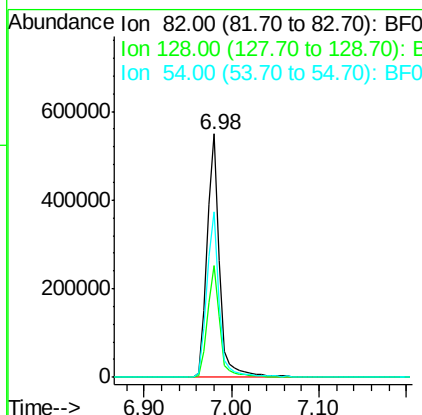
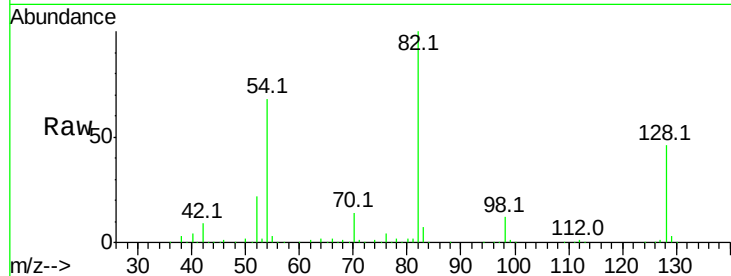




#23
 Nitrobenzene-d5
 Concen: 101.141 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097495.D
 Acq: 9 Aug 2017 3:43

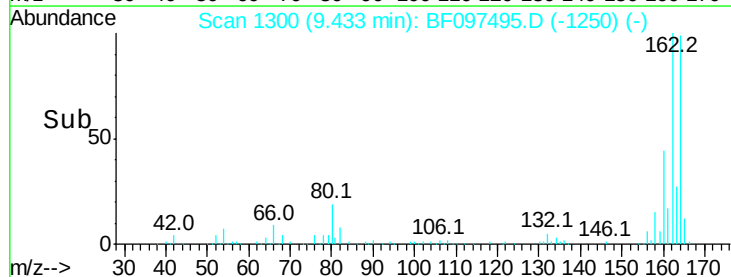
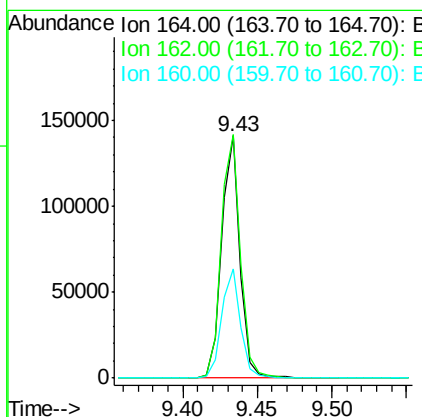
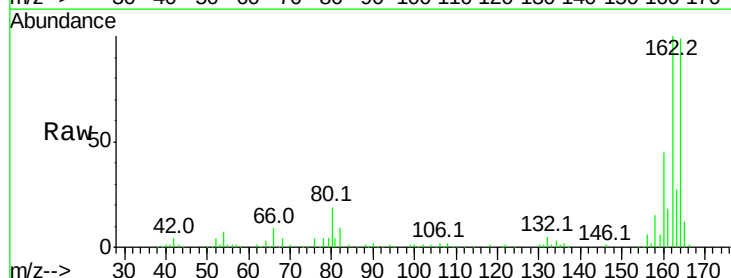
Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-080217

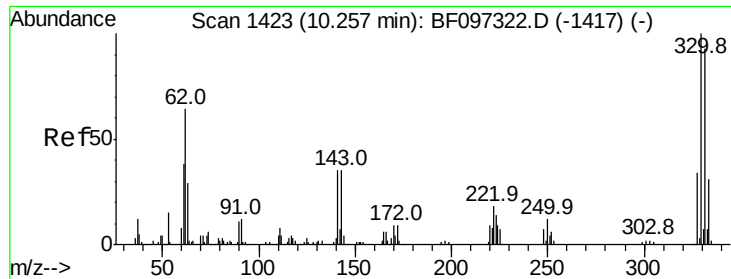
Tot Ion: 82 Resp: 551608
 Ion Ratio Lower Upper
 82 100
 128 45.8 34.0 51.0
 54 68.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF097495.D
 Acq: 9 Aug 2017 3:43

Tgt Ion:164 Resp: 121829
 Ion Ratio Lower Upper
 164 100
 162 100.6 82.6 123.8
 160 44.9 36.2 54.2

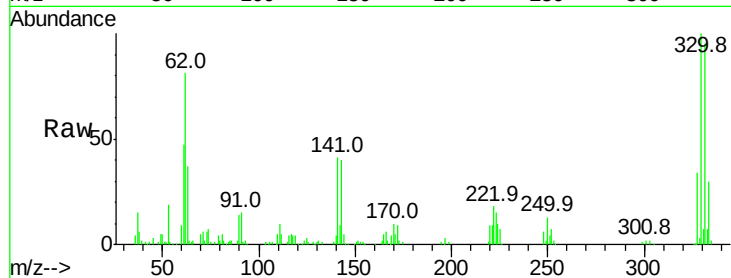




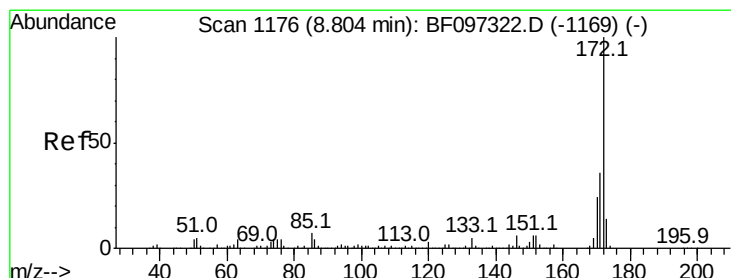
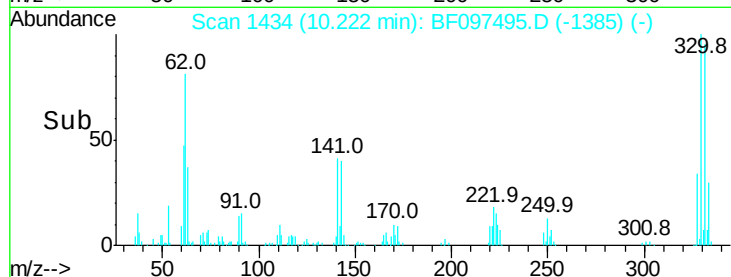
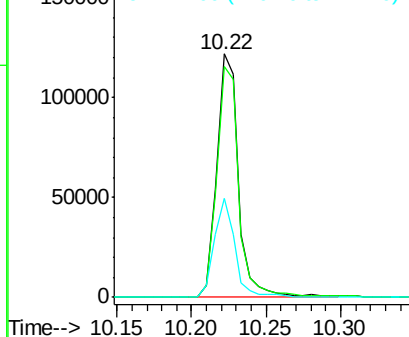
#41
 2,4,6-Tribromophenol
 Concen: 129.418 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097495.D
 Acq: 9 Aug 2017 3:43

Instrument :
 BNA_F
 ClientSampleId :
 MW-3A-080217

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.8	31.4	47.2

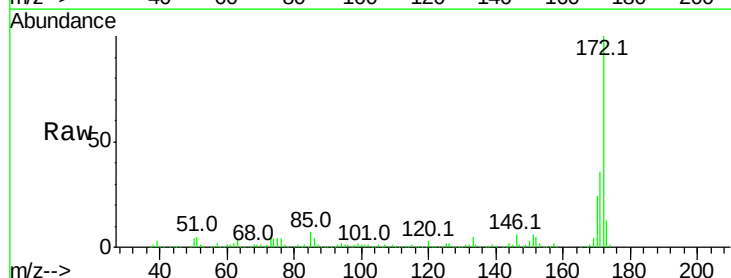


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

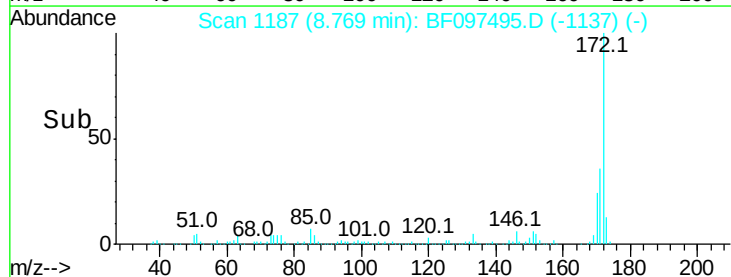
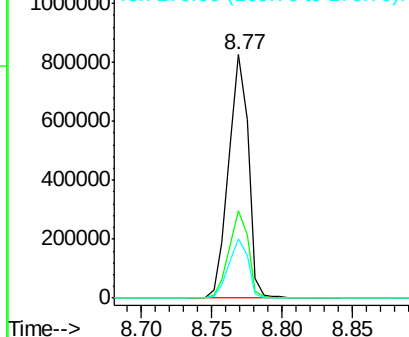


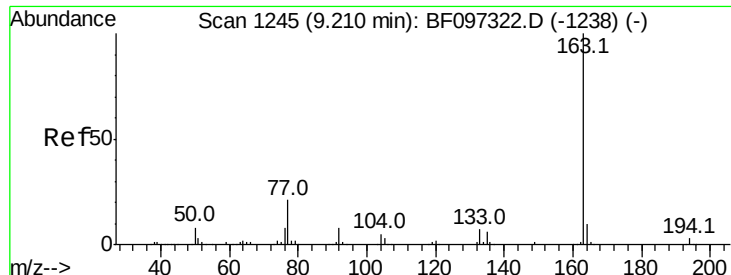
#44
 2-Fluorobiphenyl
 Concen: 112.581 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097495.D
 Acq: 9 Aug 2017 3:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.2	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

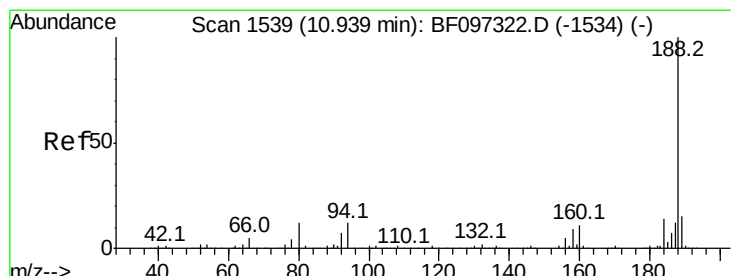
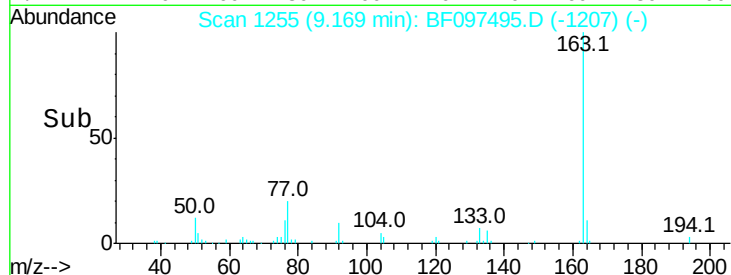
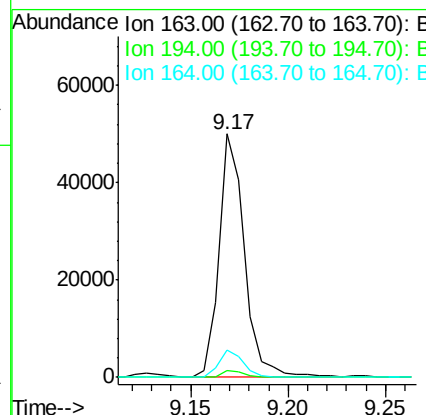
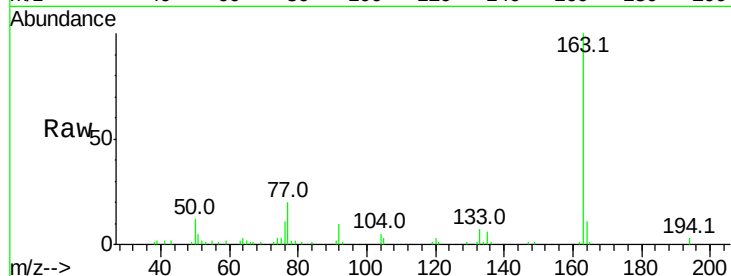




#49
Dimethylphthalate
Concen: 4.891 ng
RT: 9.17 min Scan# 1255
Delta R.T. -0.02 min
Lab File: BF097495.D
Acq: 9 Aug 2017 3:43

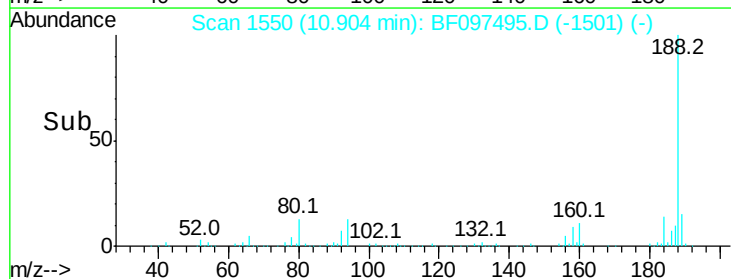
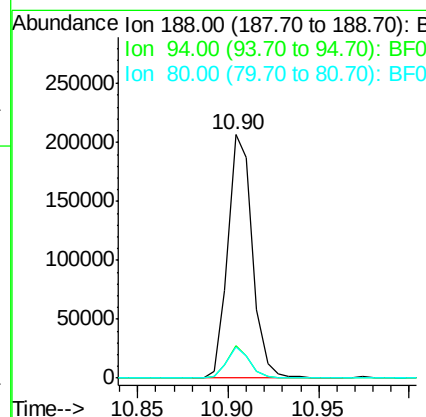
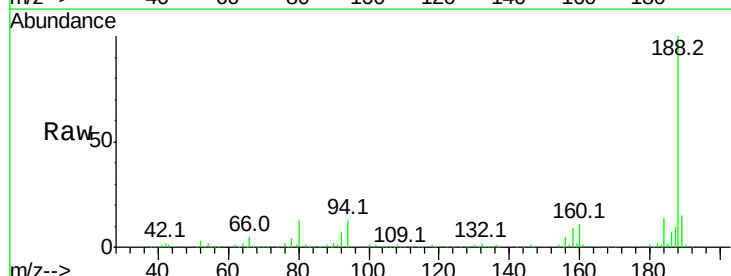
Instrument :
BNA_F
ClientSampleId :
MW-3A-080217

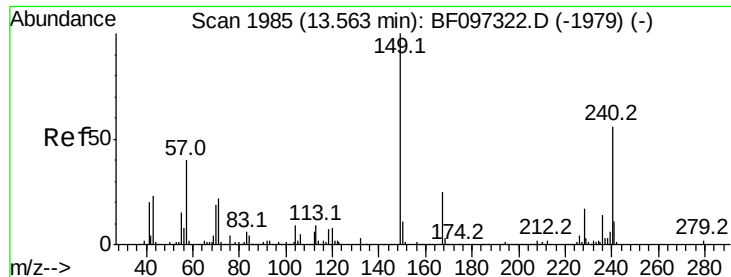
Tot Ion:163 Resp: 45248
Ion Ratio Lower Upper
163 100
194 3.0 2.6 4.0
164 11.0 8.4 12.6



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097495.D
Acq: 9 Aug 2017 3:43

Tgt Ion:188 Resp: 195371
Ion Ratio Lower Upper
188 100
94 13.1 9.4 14.2
80 12.8 10.2 15.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097495.D

Acq: 9 Aug 2017 3:43

Instrument :

BNA_F

ClientSampleId :

MW-3A-080217

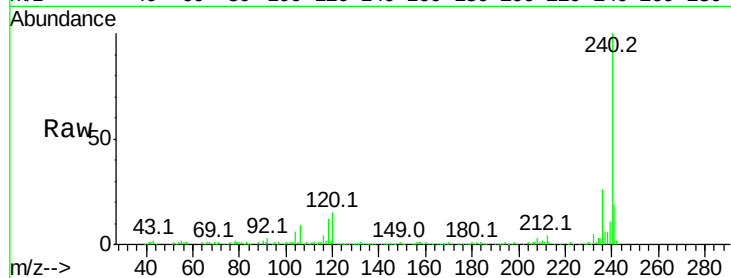
Tot Ion:240 Resp: 154169

Ion Ratio Lower Upper

240 100

120 14.8 5.8 8.8#

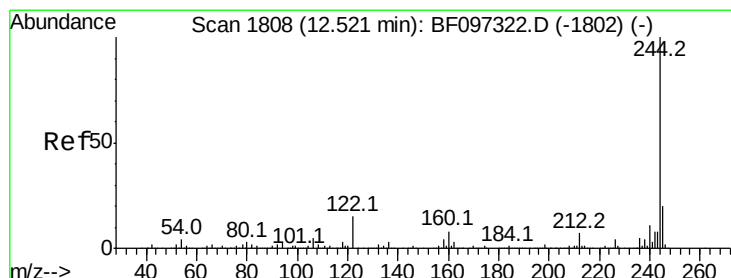
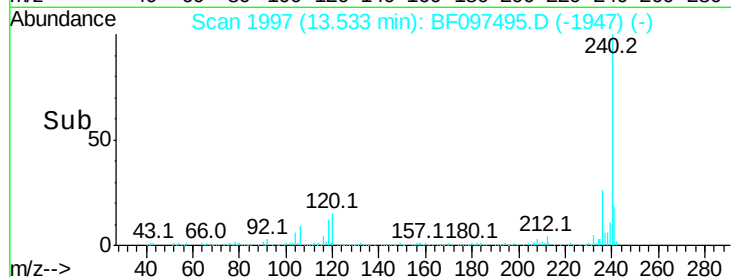
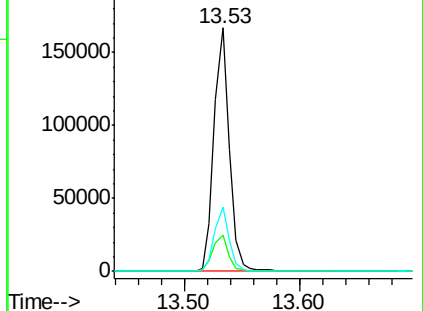
236 26.3 20.5 30.7



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: 76.894 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097495.D

Acq: 9 Aug 2017 3:43

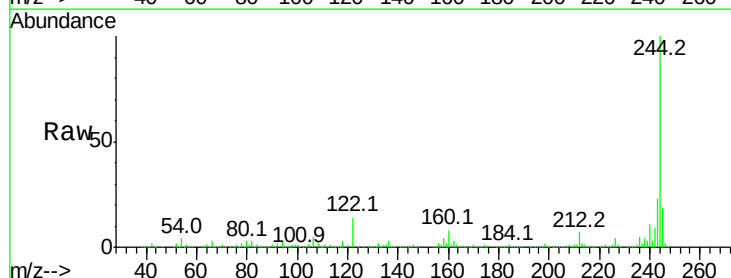
Tgt Ion:244 Resp: 581439

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

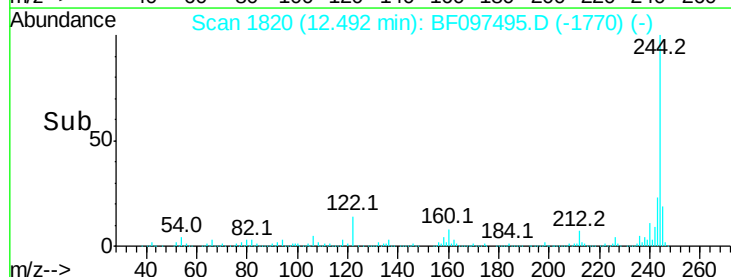
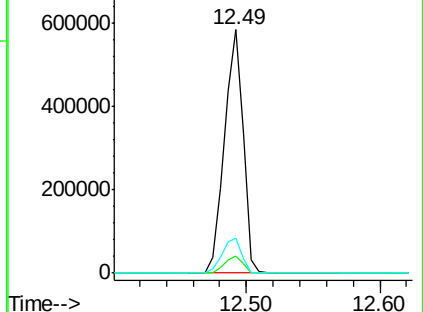
122 14.5 10.3 15.5

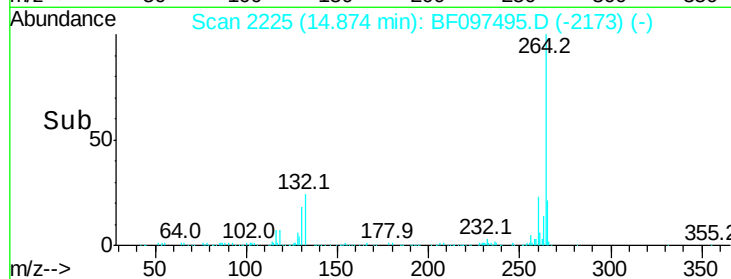
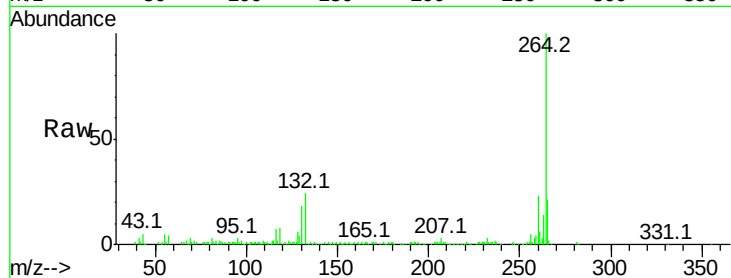
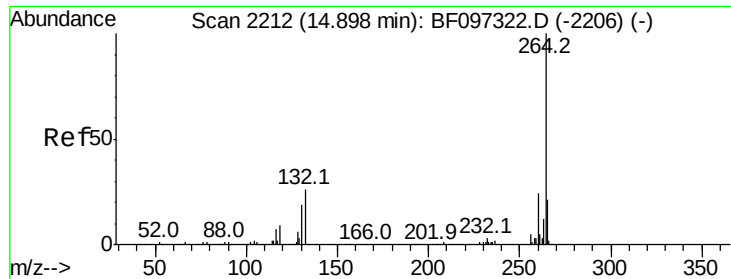


Abundance Ion 244.00 (243.70 to 244.70): E

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: 14.87 min Scan# 2225

Delta R.T. 0.01 min

Lab File: BF097495.D

Acq: 9 Aug 2017 3:43

Instrument :

BNA_F

ClientSampleId :

MW-3A-080217

Tot Ion:264 Resp: 122611

Ion Ratio Lower Upper

264 100

260 22.8 19.5 29.3

265 21.4 17.2 25.8

