

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097499.D
 Acq On : 9 Aug 2017 5:34
 Operator : SJ/JU
 Sample : I4604-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-080217

Quant Time: Aug 09 06:11:47 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

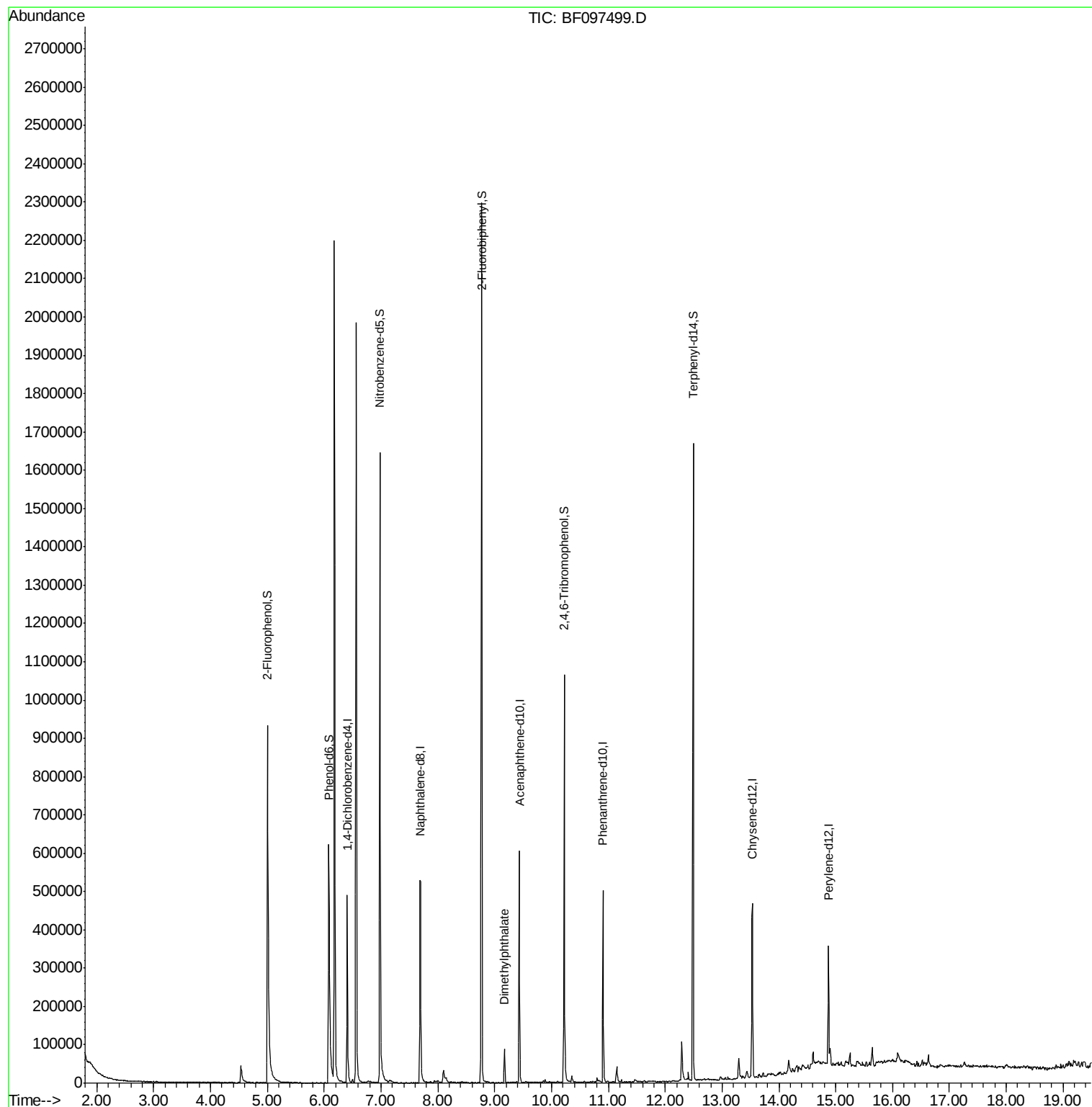
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	78891	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	287211	20.00	ng	0.00
38) Acenaphthene-d10	9.43	164	115152	20.00	ng	0.00
63) Phenanthrene-d10	10.90	188	181630	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	159574	20.00	ng	0.00
86) Perylene-d12	14.87	264	120441	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.00	112	381791	72.95	ng	0.00
7) Phenol-d6	6.08	99	288754	48.33	ng	0.00
23) Nitrobenzene-d5	6.98	82	513993	104.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	119992	131.89	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	701985	103.46	ng	0.00
78) Terphenyl-d14	12.49	244	544771	69.60	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.17	163	37884	4.332	ng	97

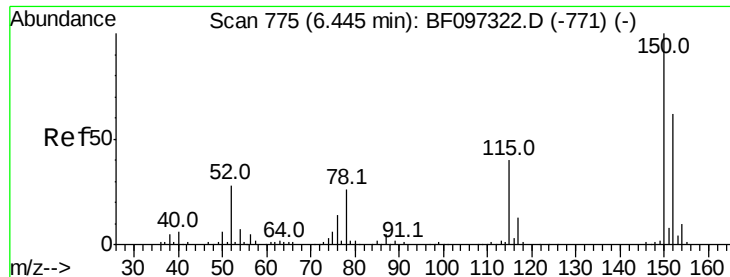
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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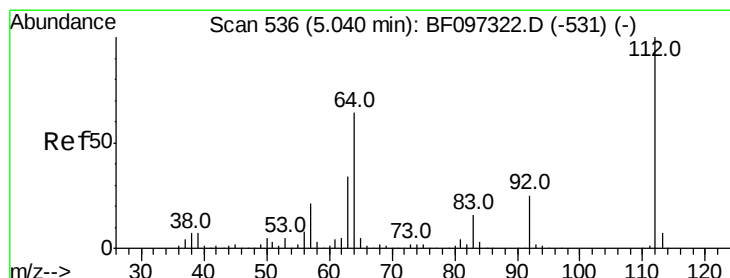
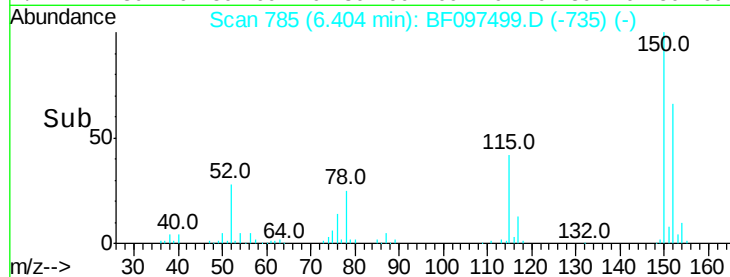
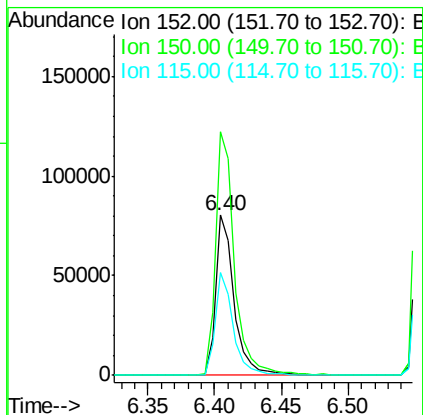
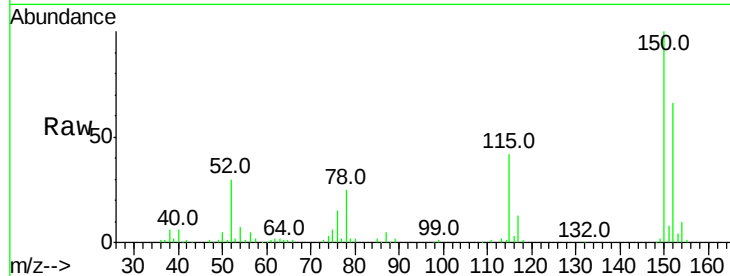


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

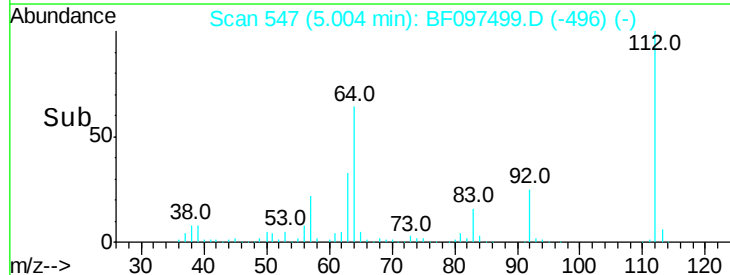
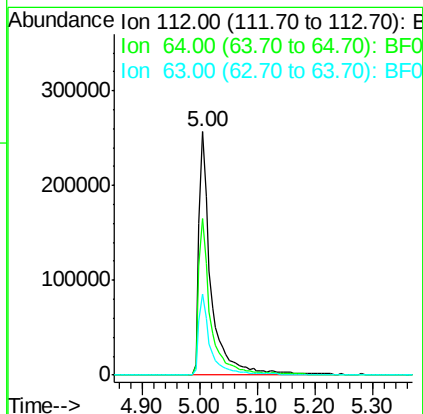
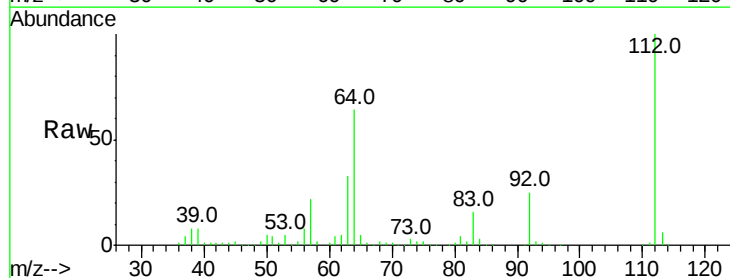
Tot Ion:152 Resp: 78891
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.2
115 63.8 52.2 78.2

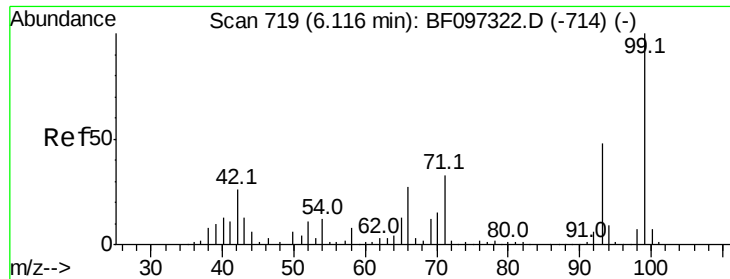


#5

2-Fluorophenol
Concen: 72.955 ng
RT: 5.00 min Scan# 547
Delta R.T. 0.00 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:112 Resp: 381791
Ion Ratio Lower Upper
112 100
64 64.5 46.0 69.0
63 33.3 23.4 35.0





#7

Phenol-d6

Concen: 48.332 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097499.D

Acq: 9 Aug 2017 5:34

Instrument :

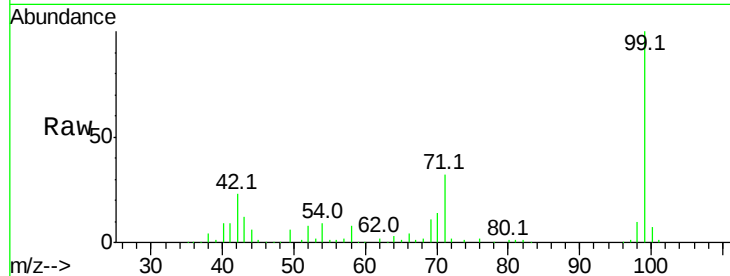
BNA_F

ClientSampleId :

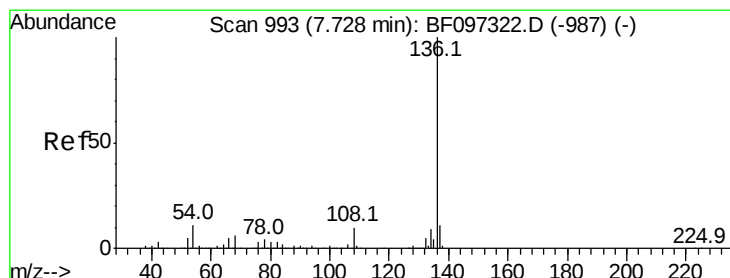
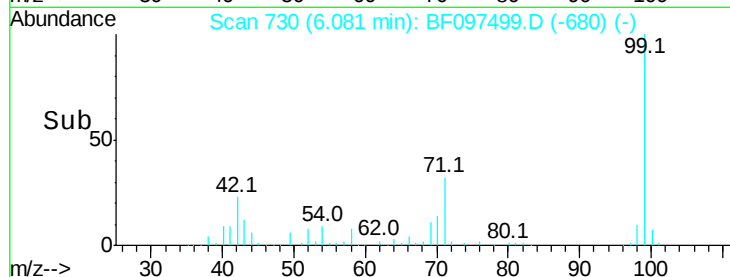
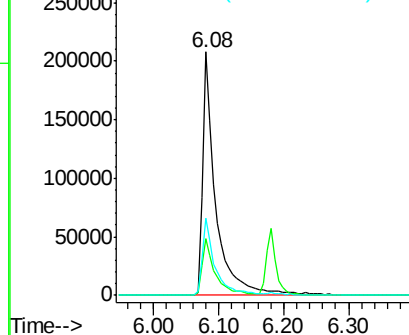
PMW-1A-080217

Tot Ion: 99 Resp: 288754

Ion	Ratio	Lower	Upper
99	100		
42	23.4	13.5	20.3#
71	31.9	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: 7.69 min Scan# 1004

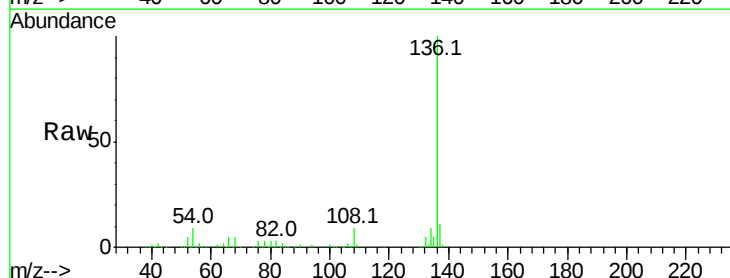
Delta R.T. -0.01 min

Lab File: BF097499.D

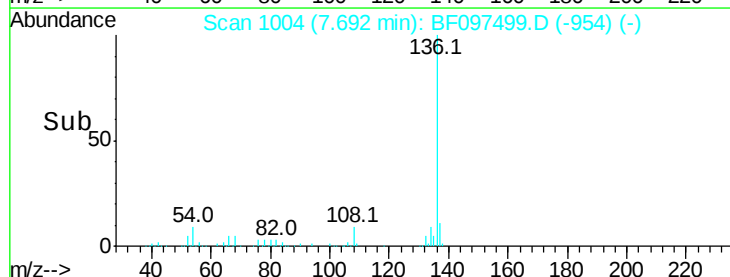
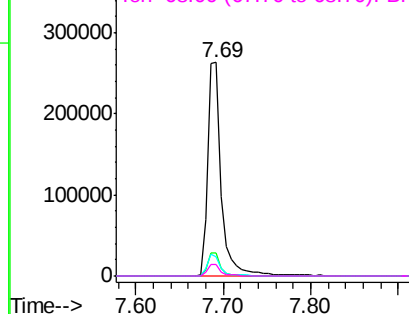
Acq: 9 Aug 2017 5:34

Tgt Ion: 136 Resp: 287211

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	9.2	4.9	7.3#
68	5.2	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

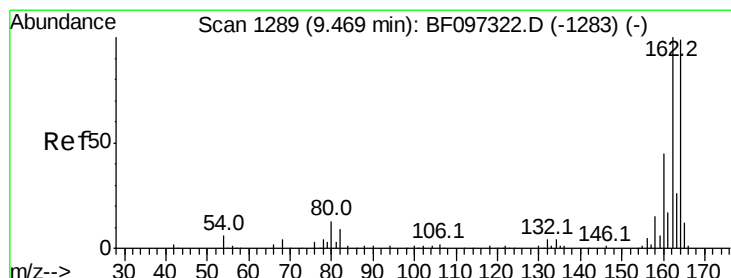
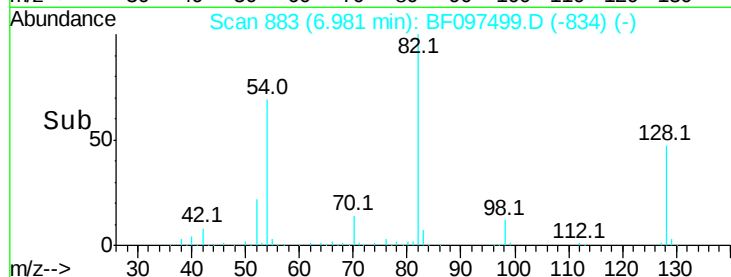
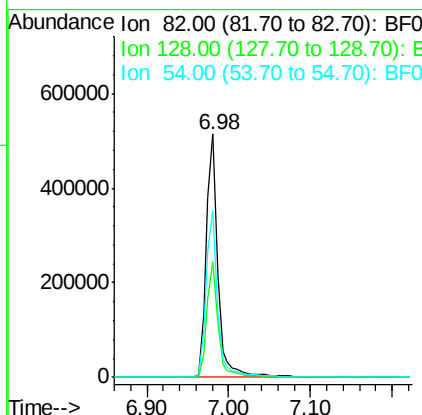
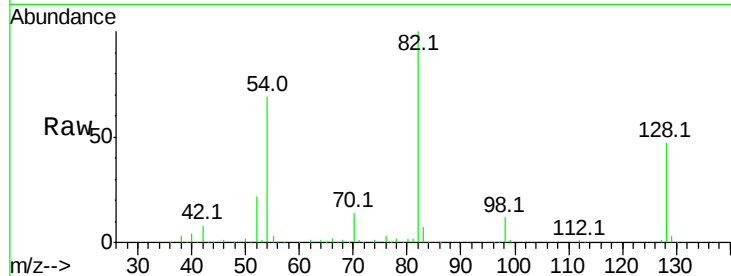




#23
Nitrobenzene-d5
Concen: 104.985 ng
RT: 6.98 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF097499.D
Acq: 9 Aug 2017 5:34

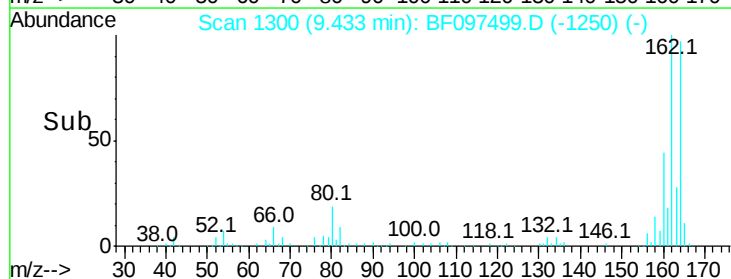
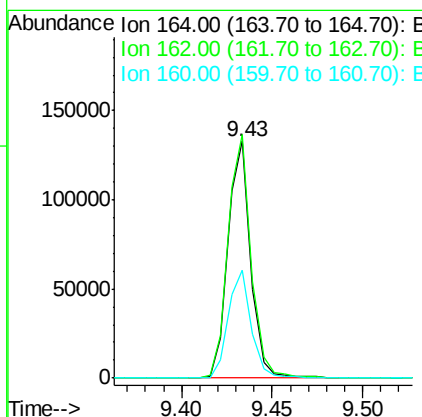
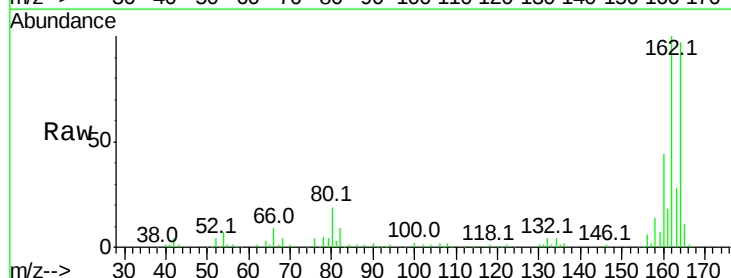
Instrument :
BNA_F
ClientSampleId :
PMW-1A-080217

Tot Ion: 82 Resp: 513993
Ion Ratio Lower Upper
82 100
128 47.2 34.0 51.0
54 68.6 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: BF097499.D
Acq: 9 Aug 2017 5:34

Tgt Ion:164 Resp: 115152
Ion Ratio Lower Upper
164 100
162 102.7 82.6 123.8
160 45.4 36.2 54.2

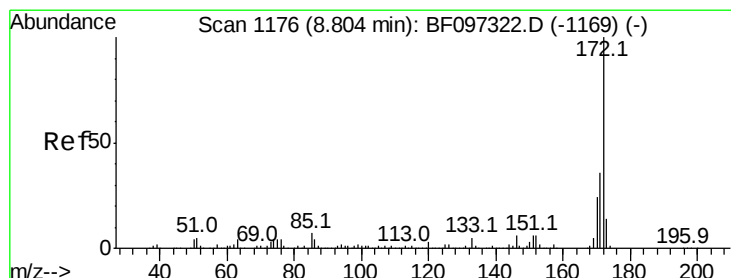
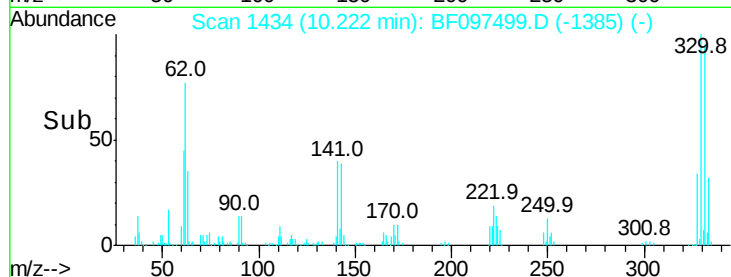
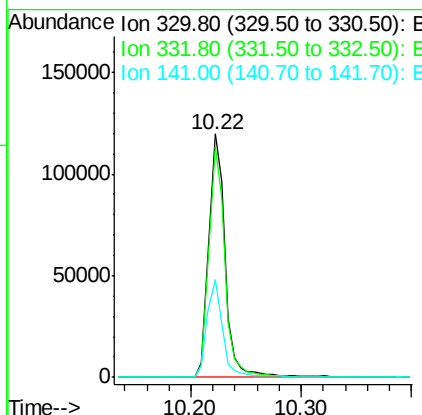
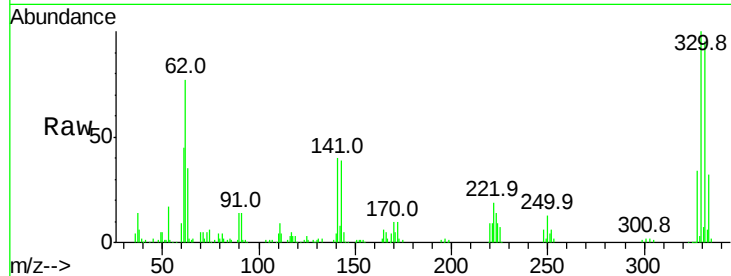




#41
 2,4,6-Tribromophenol
 Concen: 131.887 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

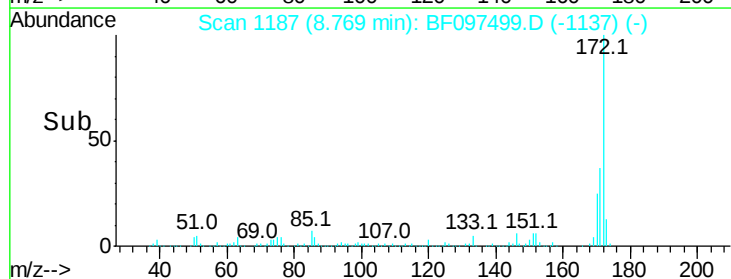
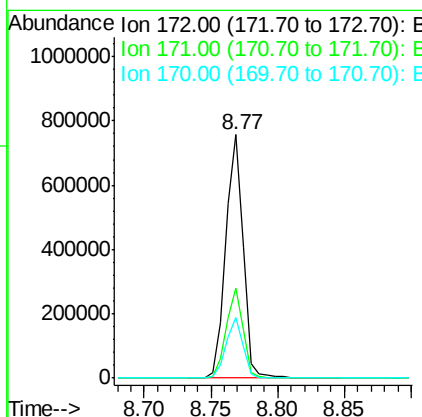
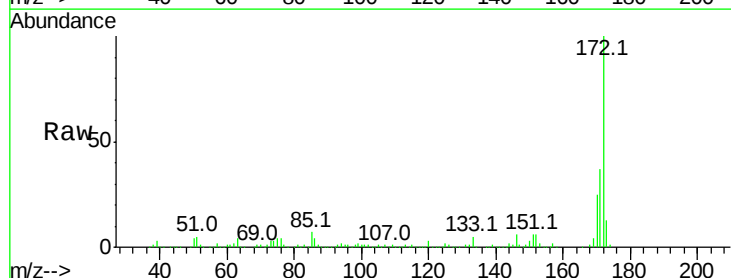
Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-080217

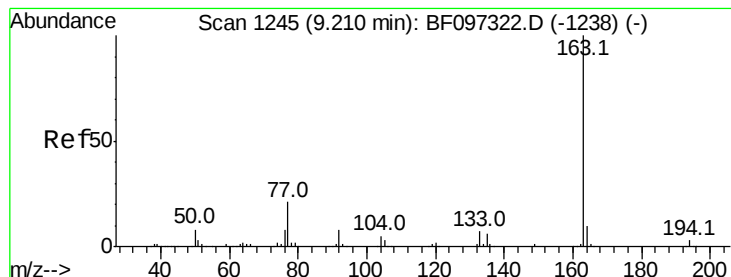
Tot Ion	Ratio	Lower	Upper
330	100		
332	92.3	76.6	115.0
141	38.4	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 103.458 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.6	44.4
170	25.1	19.8	29.8





#49

Dimethylphthalate

Concen: 4.332 ng

RT: 9.17 min Scan# 1255

Delta R.T. -0.02 min

Lab File: BF097499.D

Acq: 9 Aug 2017 5:34

Instrument :

BNA_F

ClientSampleId :

PMW-1A-080217

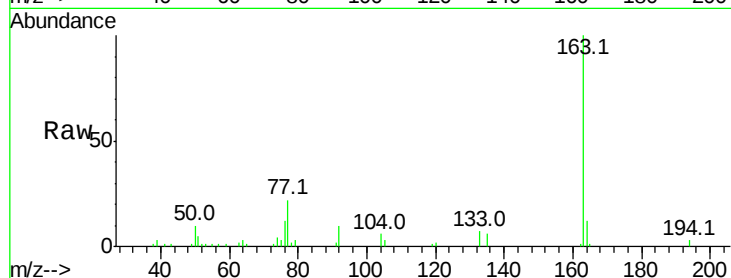
Tot Ion:163 Resp: 37884

Ion Ratio Lower Upper

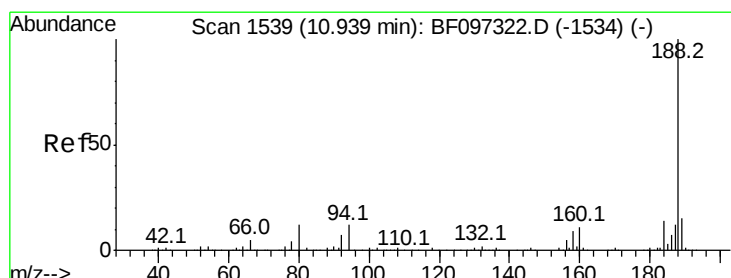
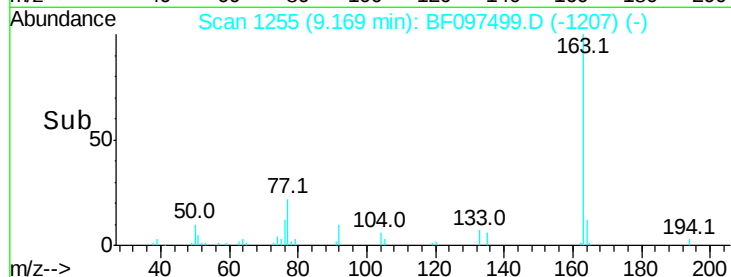
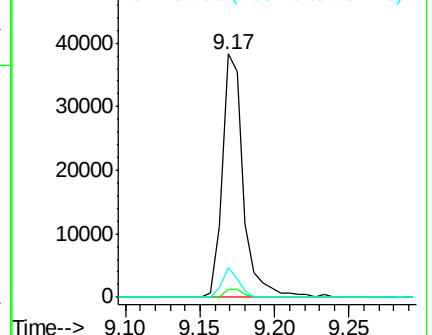
163 100

194 3.3 2.6 4.0

164 12.1 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: BF097499.D

Acq: 9 Aug 2017 5:34

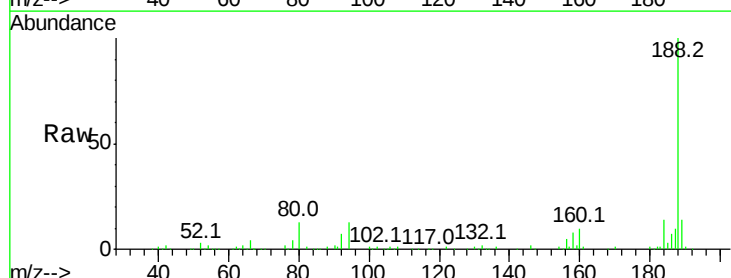
Tgt Ion:188 Resp: 181630

Ion Ratio Lower Upper

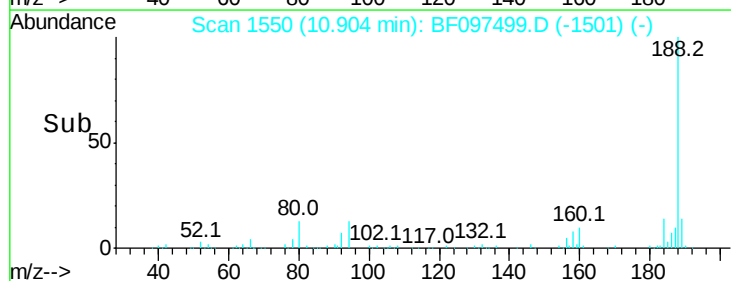
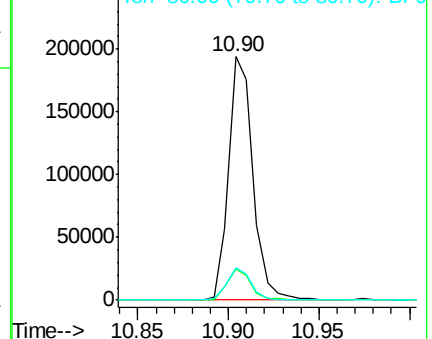
188 100

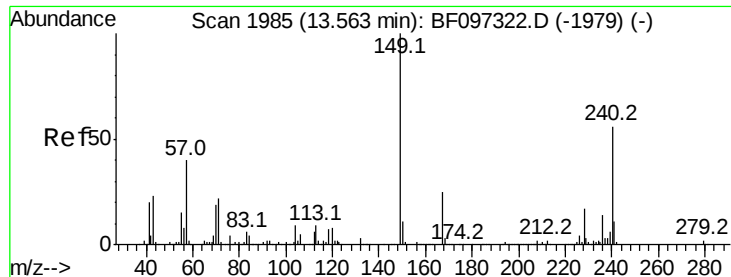
94 13.0 9.4 14.2

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: 13.53 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF097499.D

Acq: 9 Aug 2017 5:34

Instrument :

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ClientSampleId :

PMW-1A-080217

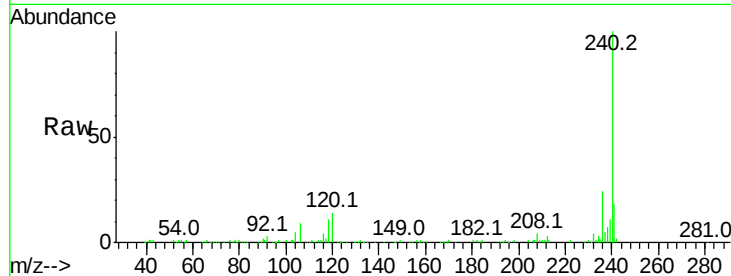
Tot Ion:240 Resp: 159574

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

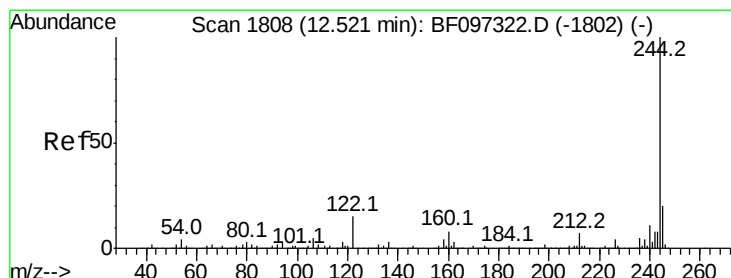
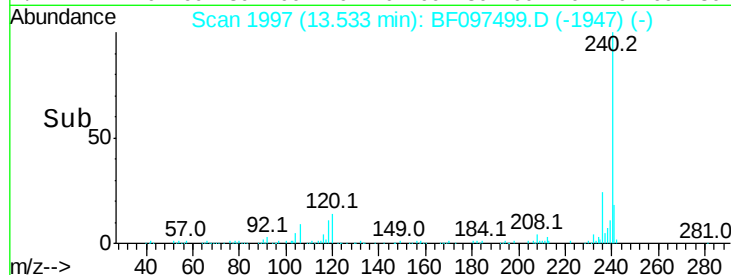
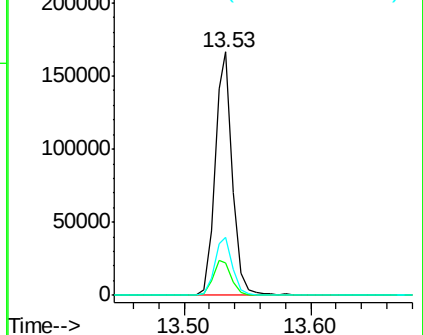
236 24.1 20.5 30.7



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: 69.605 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097499.D

Acq: 9 Aug 2017 5:34

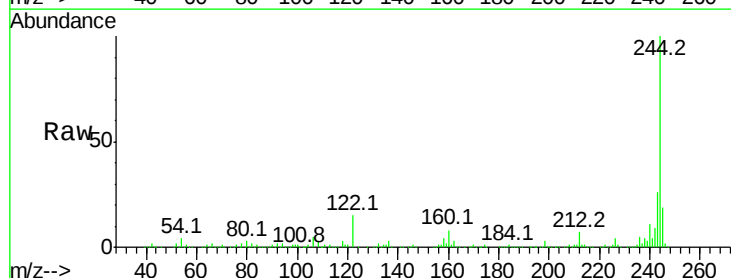
Tgt Ion:244 Resp: 544771

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

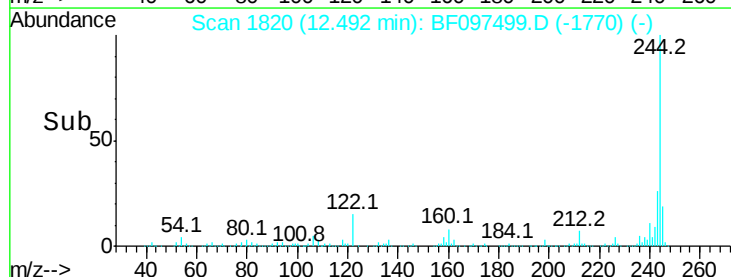
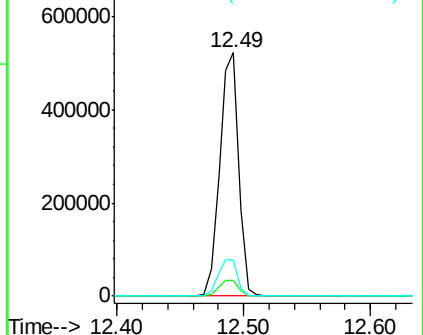
122 14.6 10.3 15.5

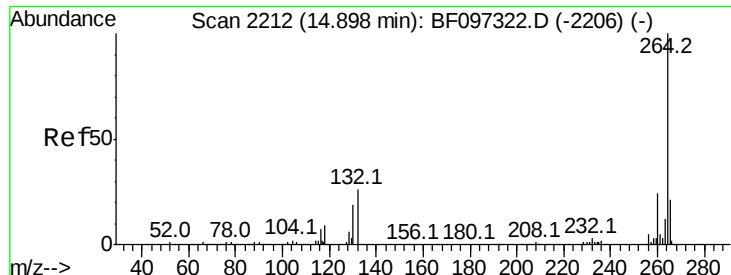


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

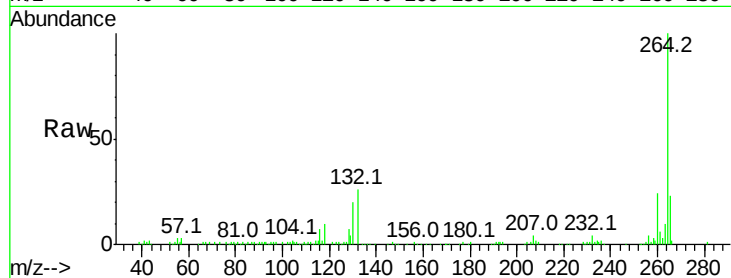




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 14.87 min Scan# 2224
 Delta R.T. 0.00 min
 Lab File: BF097499.D
 Acq: 9 Aug 2017 5:34

Instrument :
 BNA_F
 ClientSampleId :
 PMW-1A-080217

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.7	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

