

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
 Data File : BF097614.D
 Acq On : 12 Aug 2017 1:41
 Operator : SJ/JU
 Sample : I4604-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-080217

Quant Time: Aug 12 06:45:05 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

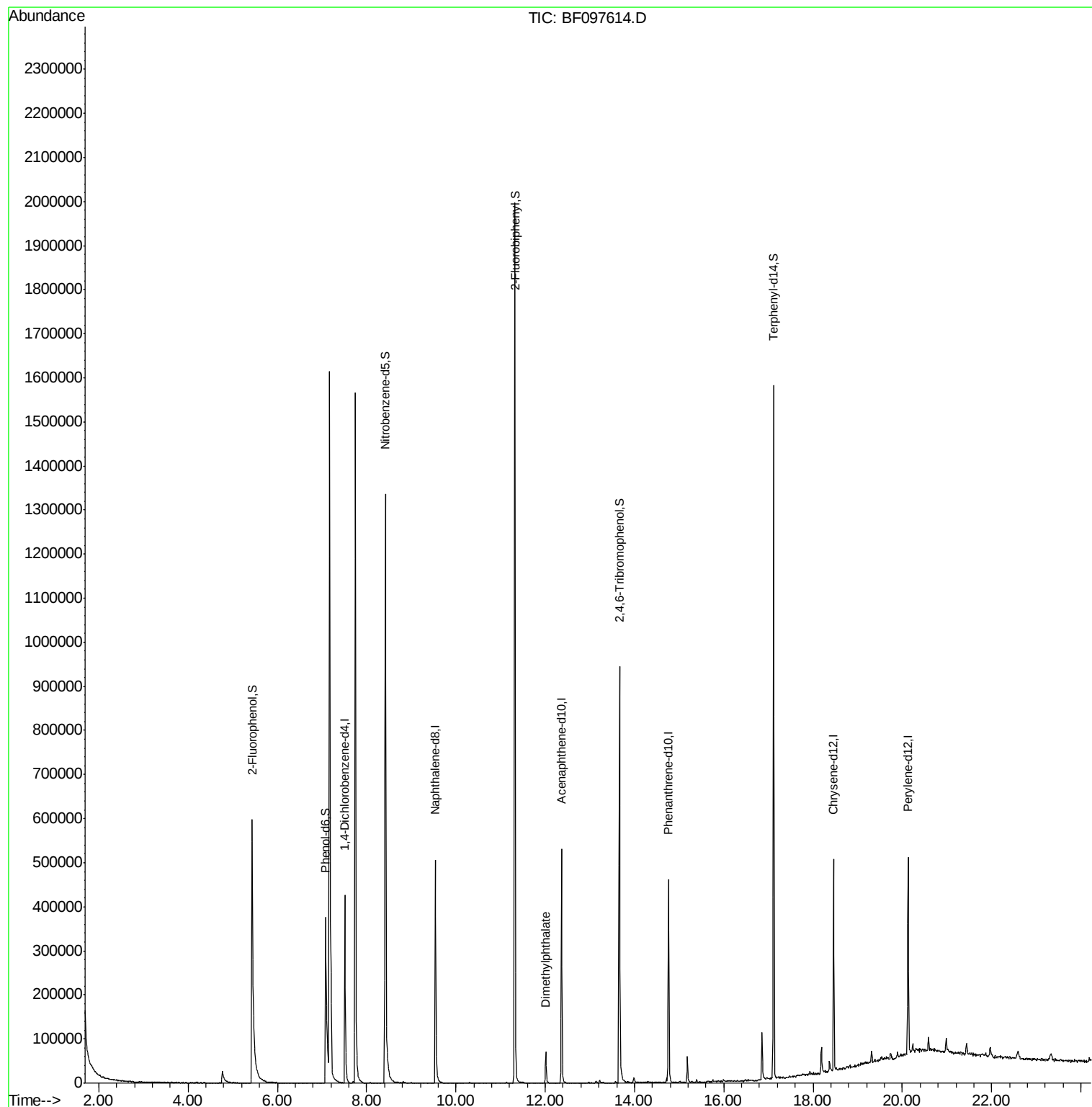
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	97323	20.00	ng	0.00
21) Naphthalene-d8	9.54	136	369768	20.00	ng	0.00
38) Acenaphthene-d10	12.36	164	151772	20.00	ng	0.00
63) Phenanthrene-d10	14.76	188	235203	20.00	ng	0.00
75) Chrysene-d12	18.46	240	202141	20.00	ng	0.00
86) Perylene-d12	20.13	264	186078	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	403849	65.96	ng	0.03
7) Phenol-d6	7.08	99	322919	42.51	ng	0.02
23) Nitrobenzene-d5	8.42	82	631625	107.11	ng	0.00
41) 2,4,6-Tribromophenol	13.66	330	148998	129.14	ng	0.00
44) 2-Fluorobiphenyl	11.32	172	912038	90.69	ng	0.00
78) Terphenyl-d14	17.12	244	606638	62.11	ng	0.00
Target Compounds						
49) Dimethylphthalate	12.02	163	47393	4.052	ng	Qvalue # 97

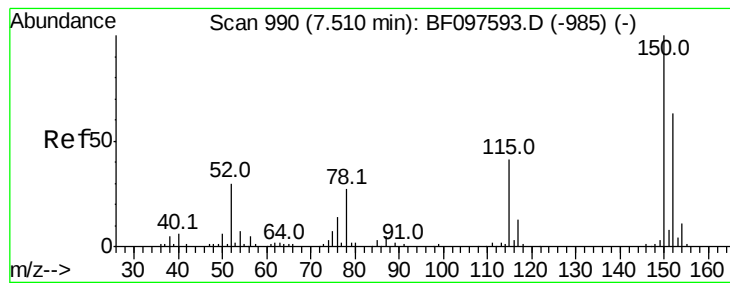
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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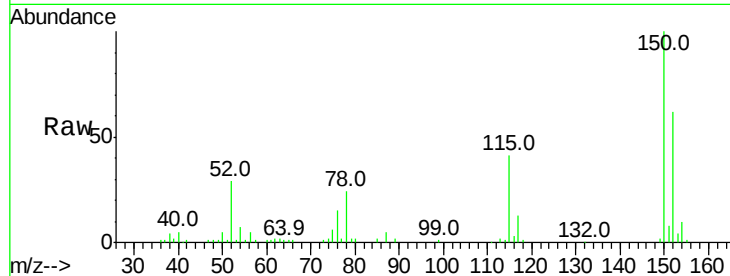


#1

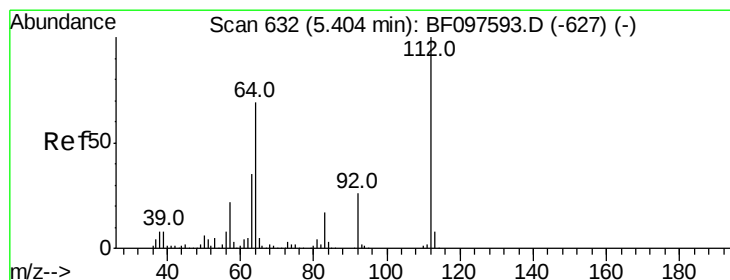
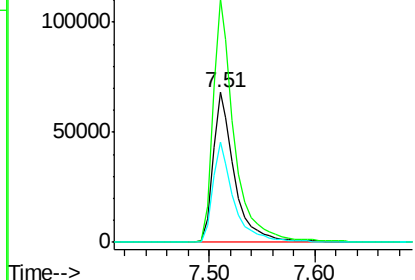
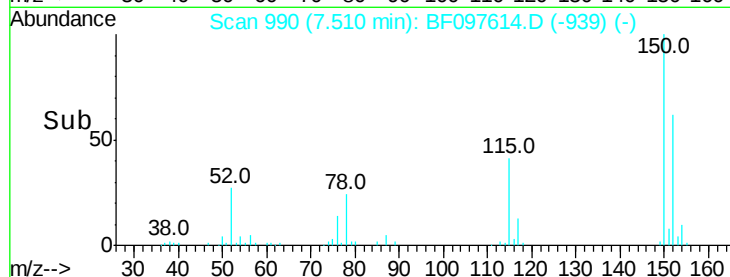
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 990
Delta R.T. -0.00 min
Lab File: BF097614.D
Acq: 12 Aug 2017 1:41

Instrument :
BNA_F
ClientSampleId :
MW-6-080217

Tot Ion:152 Resp: 97323
Ion Ratio Lower Upper
152 100
150 162.3 126.2 189.2
115 67.0 52.2 78.2



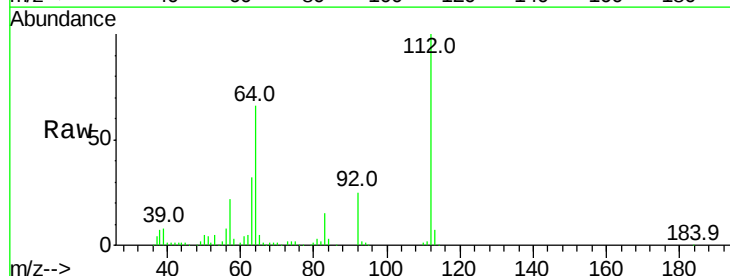
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



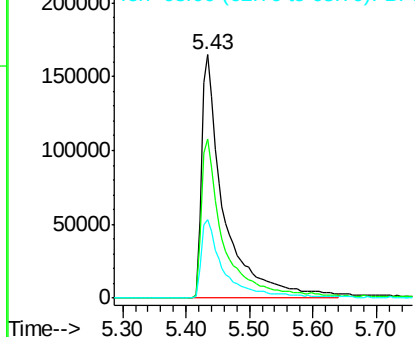
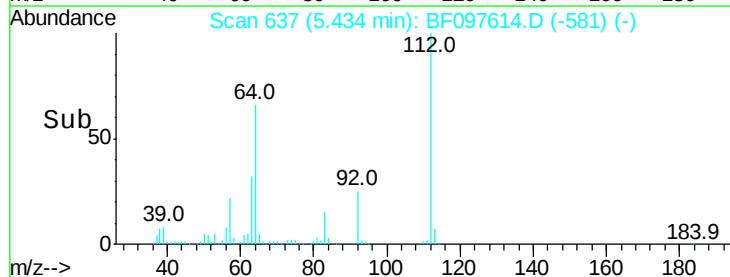
#5

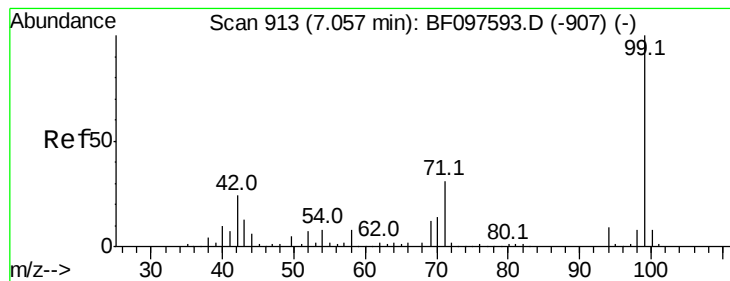
2-Fluorophenol
Concen: 65.957 ng
RT: 5.43 min Scan# 637
Delta R.T. 0.03 min
Lab File: BF097614.D
Acq: 12 Aug 2017 1:41

Tgt Ion:112 Resp: 403849
Ion Ratio Lower Upper
112 100
64 65.5 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: 42.515 ng

RT: 7.08 min Scan# 917

Delta R.T. 0.02 min

Lab File: BF097614.D

Acq: 12 Aug 2017 1:41

Instrument :

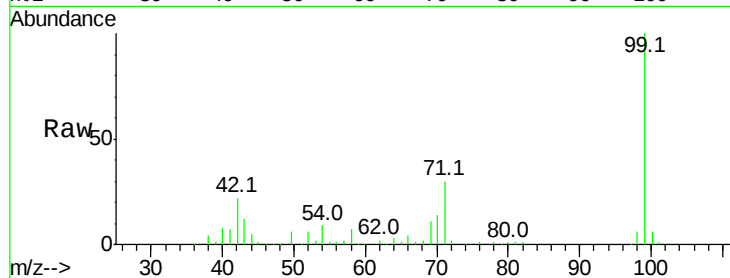
BNA_F

ClientSampleId :

MW-6-080217

Tot Ion: 99 Resp: 322919

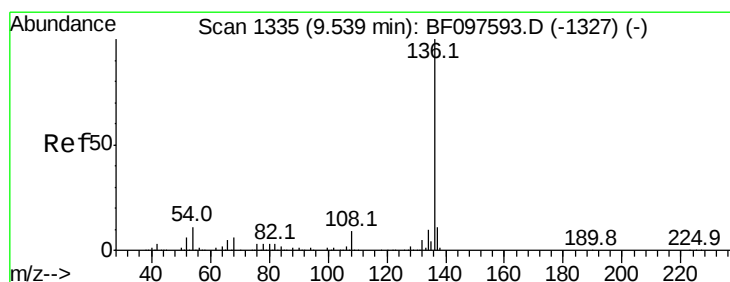
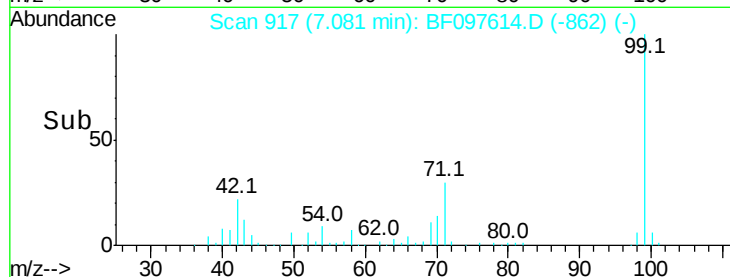
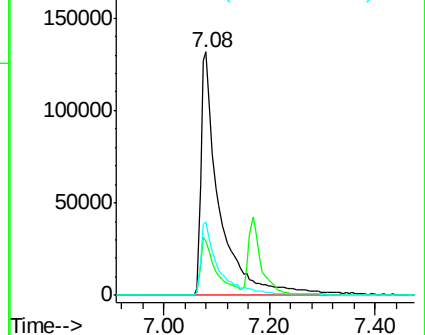
Ion	Ratio	Lower	Upper
99	100		
42	22.4	13.5	20.3#
71	30.2	24.5	36.7



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: BF097614.D

Acq: 12 Aug 2017 1:41

Tgt Ion: 136 Resp: 369768

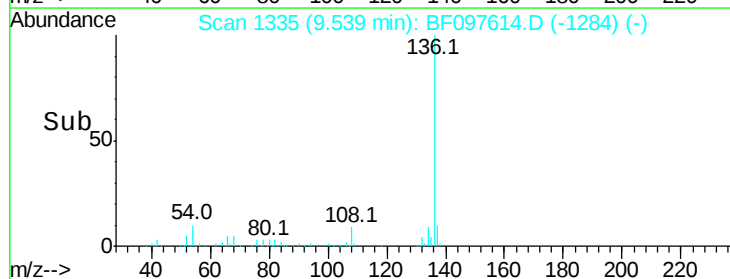
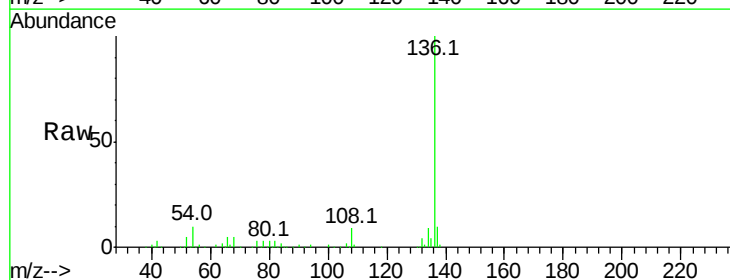
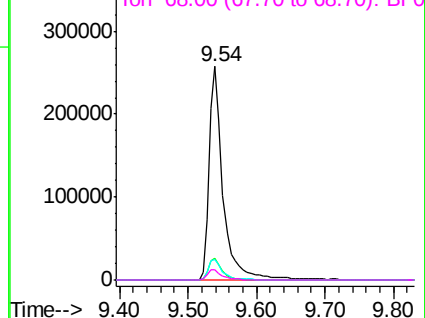
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	9.9	4.9	7.3#
68	4.9	4.1	6.1

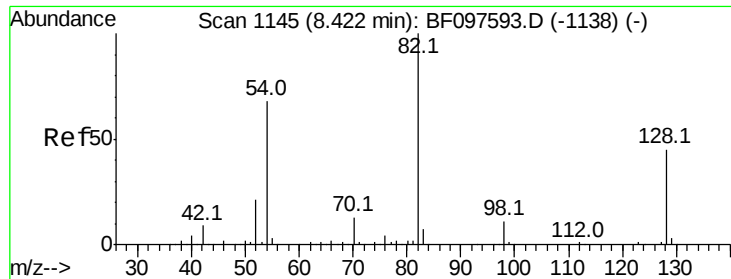
Abundance Ion 136.00 (135.70 to 136.70): E

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

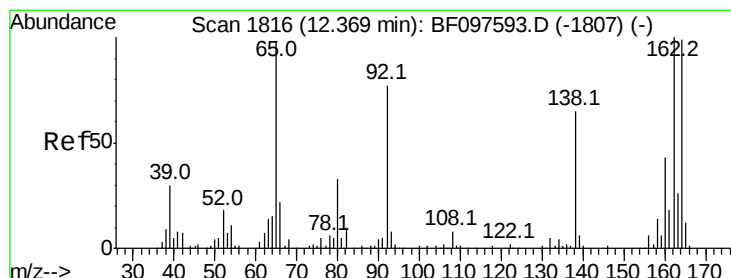
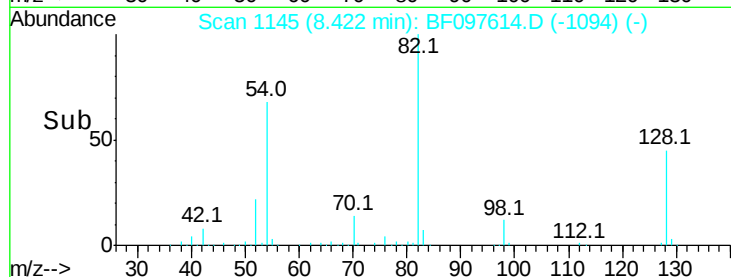
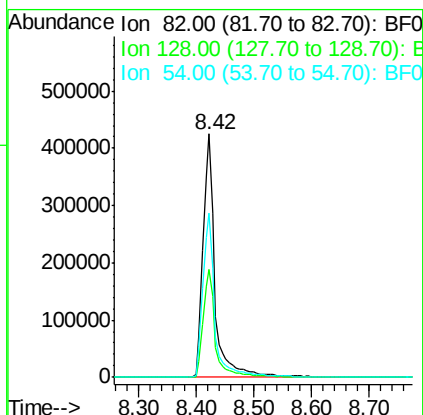
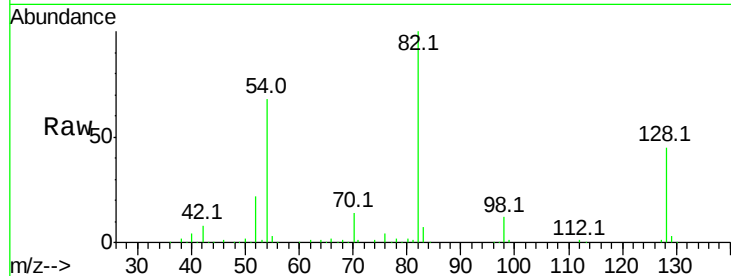




#23
 Nitrobenzene-d5
 Concen: 107.110 ng
 RT: 8.42 min Scan# 1145
 Delta R.T. -0.00 min
 Lab File: BF097614.D
 Acq: 12 Aug 2017 1:41

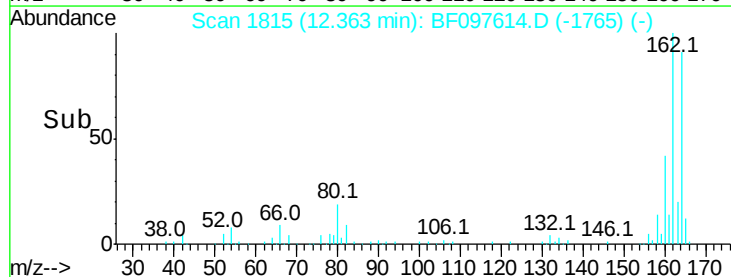
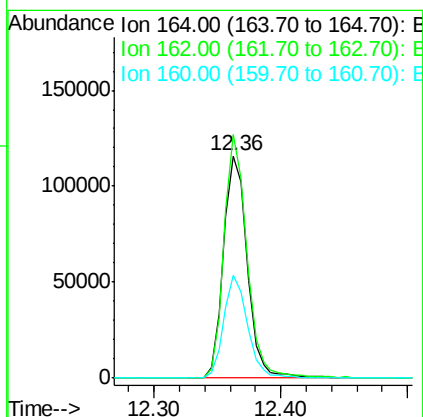
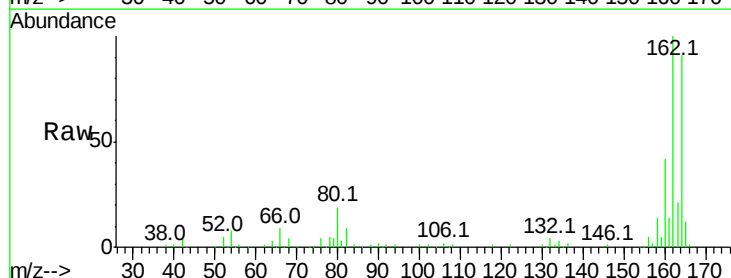
Instrument :
 BNA_F
 ClientSampleId :
 MW-6-080217

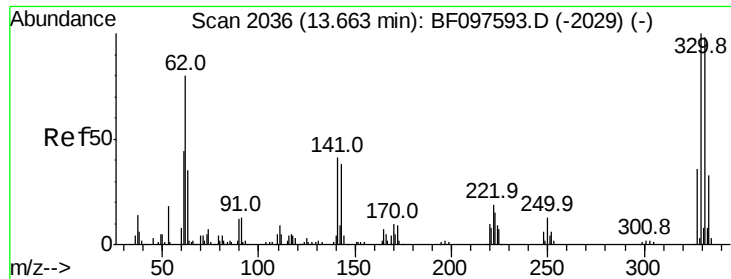
Tot Ion: 82 Resp: 631625
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.0 51.0
 54 67.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 12.36 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BF097614.D
 Acq: 12 Aug 2017 1:41

Tgt Ion: 164 Resp: 151772
 Ion Ratio Lower Upper
 164 100
 162 109.6 82.6 123.8
 160 46.5 36.2 54.2

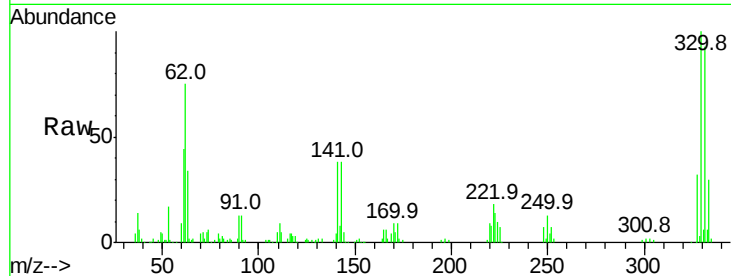




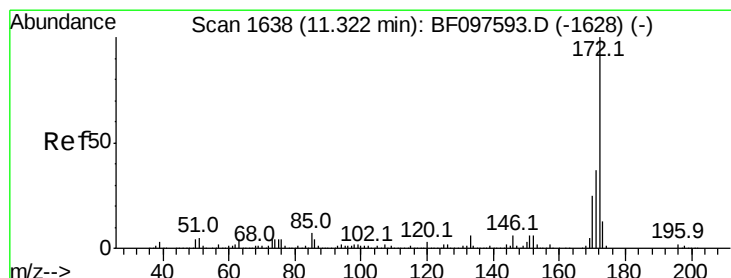
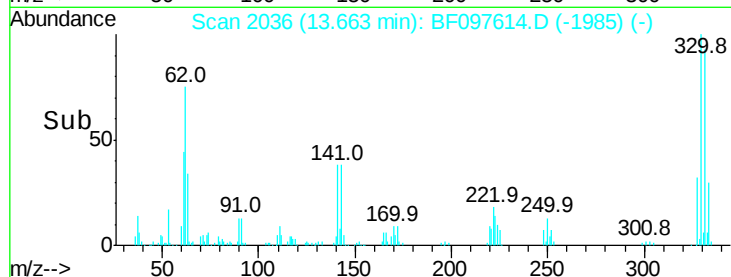
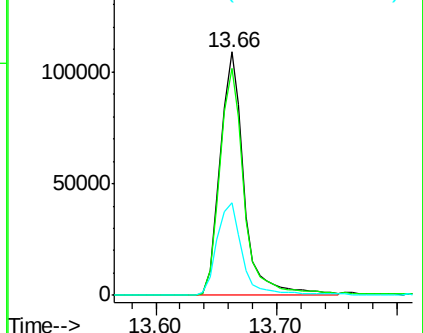
#41
 2,4,6-Tribromophenol
 Concen: 129.143 ng
 RT: 13.66 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: BF097614.D
 Acq: 12 Aug 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-080217

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.6	115.0
141	41.1	31.4	47.2

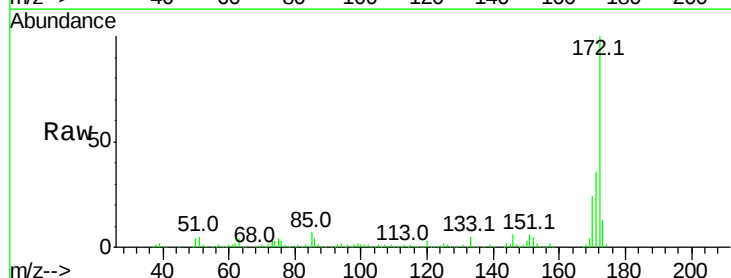


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

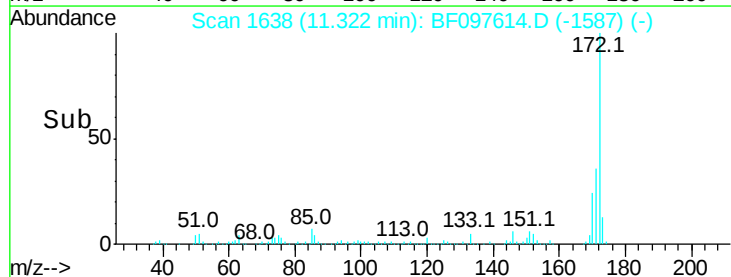
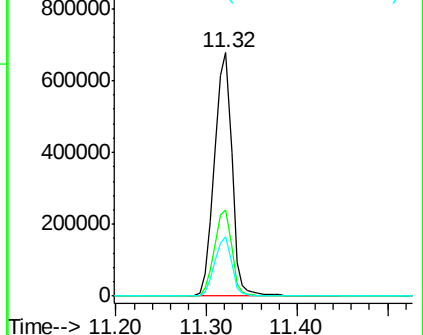


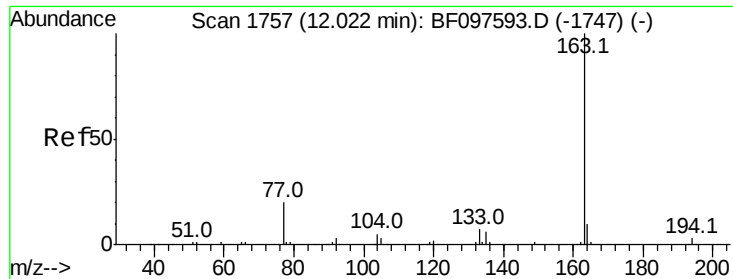
#44
 2-Fluorobiphenyl
 Concen: 90.691 ng
 RT: 11.32 min Scan# 1638
 Delta R.T. -0.00 min
 Lab File: BF097614.D
 Acq: 12 Aug 2017 1:41

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	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: 4.052 ng

RT: 12.02 min Scan# 1756

Delta R.T. -0.01 min

Lab File: BF097614.D

Acq: 12 Aug 2017 1:41

Instrument :

BNA_F

ClientSampleId :

MW-6-080217

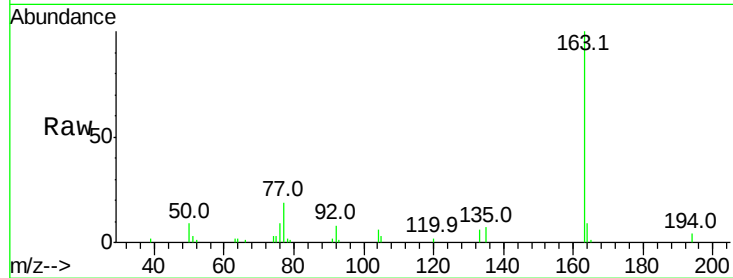
Tot Ion:163 Resp: 47393

Ion Ratio Lower Upper

163 100

194 4.2 2.6 4.0#

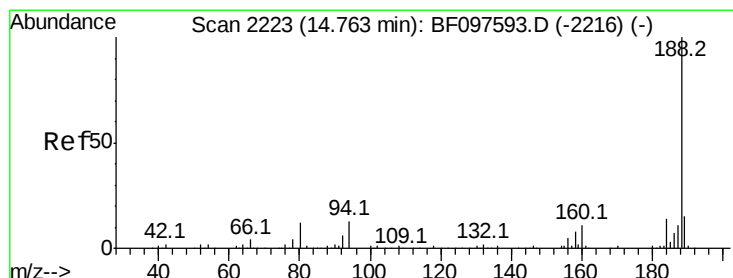
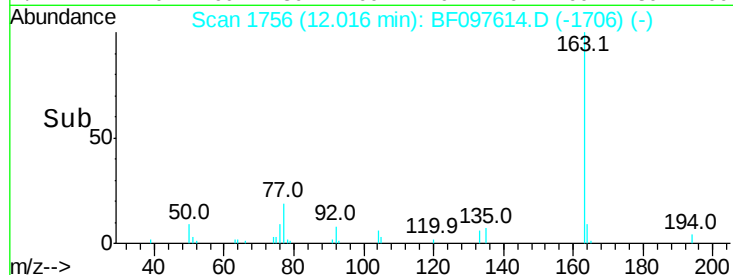
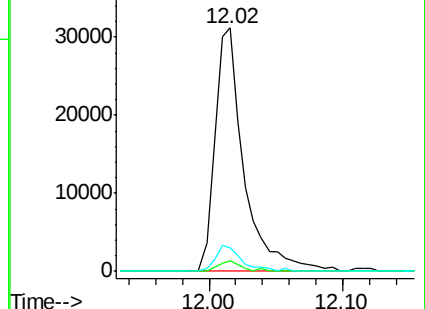
164 9.5 8.4 12.6



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# 2223

Delta R.T. -0.00 min

Lab File: BF097614.D

Acq: 12 Aug 2017 1:41

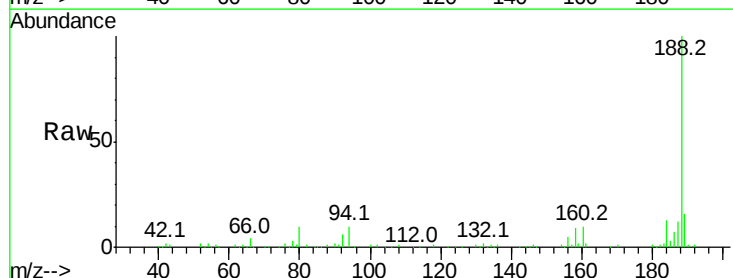
Tgt Ion:188 Resp: 235203

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

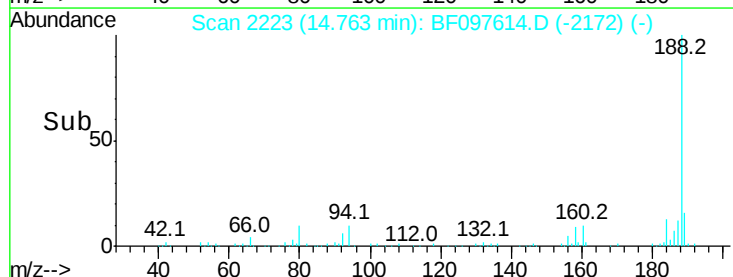
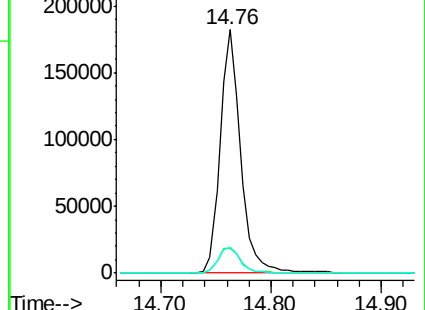
80 10.5 10.2 15.2

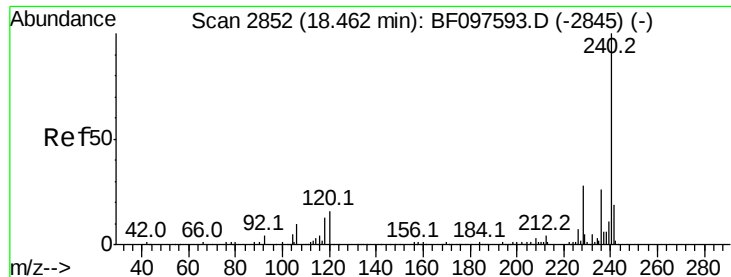


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF097614.D

Acq: 12 Aug 2017 1:41

Instrument :

BNA_F

ClientSampleId :

MW-6-080217

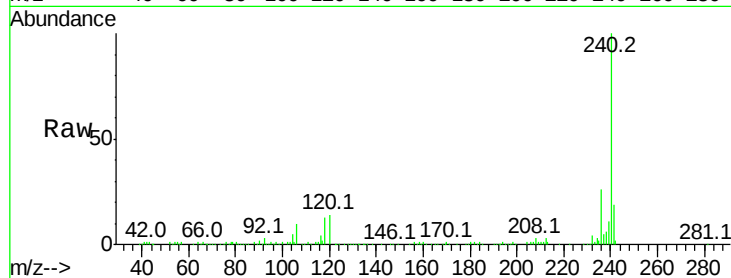
Tot Ion:240 Resp: 202141

Ion Ratio Lower Upper

240 100

120 13.8 5.8 8.8#

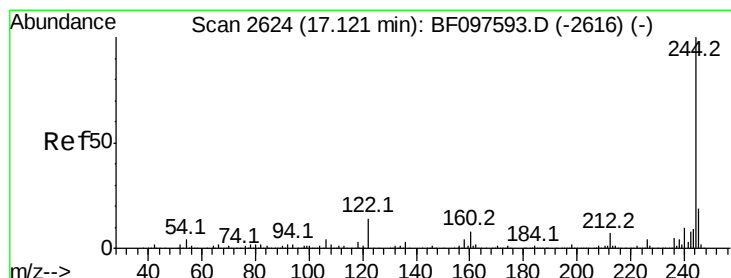
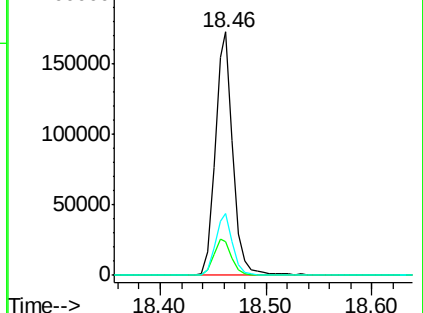
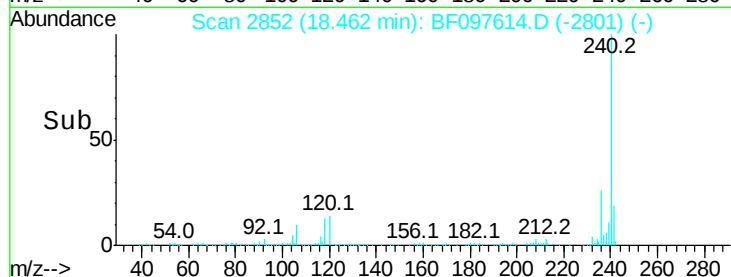
236 25.6 20.5 30.7



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: 62.112 ng

RT: 17.12 min Scan# 2624

Delta R.T. -0.00 min

Lab File: BF097614.D

Acq: 12 Aug 2017 1:41

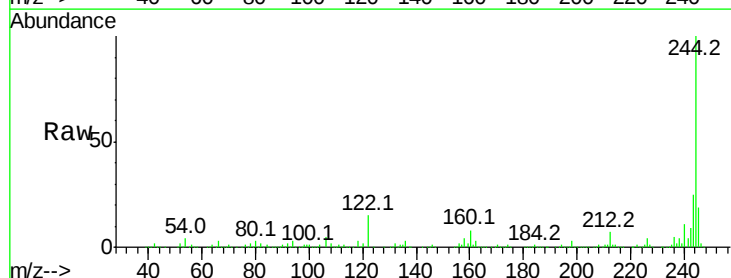
Tgt Ion:244 Resp: 606638

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

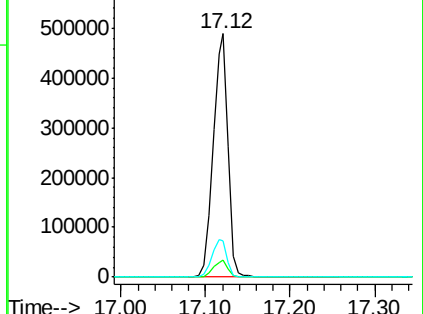
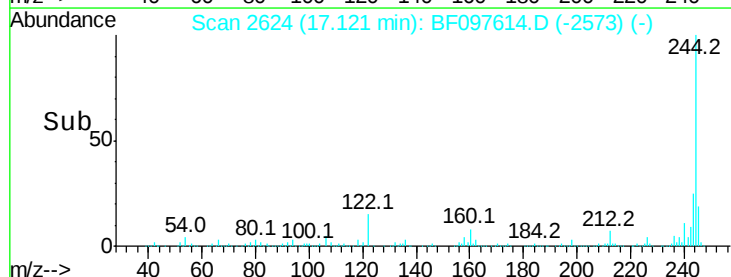
122 14.6 10.3 15.5

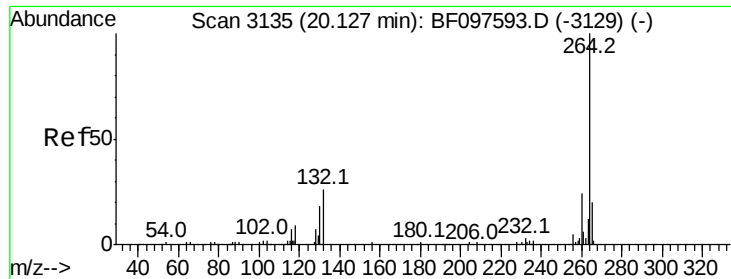


Abundance Ion 244.00 (243.70 to 244.70): E

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: 20.13 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BF097614.D
 Acq: 12 Aug 2017 1:41

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-080217

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	19.8	17.2	25.8

