

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093200.D
 Acq On : 27 Feb 2017 11:15
 Operator : SJ/MA
 Sample : I1980-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2R

Quant Time: Feb 27 18:02:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

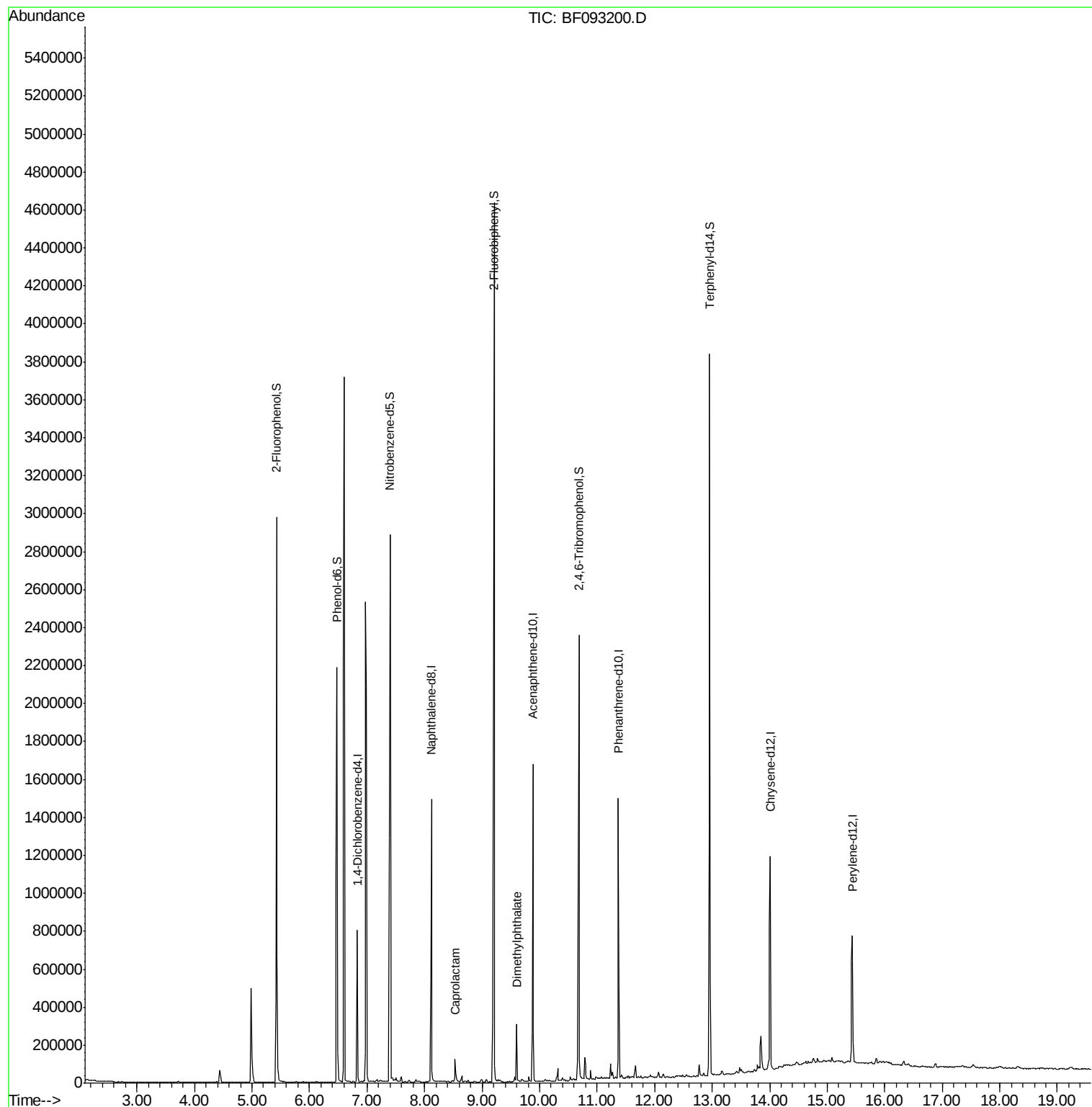
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	168223	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	703664	20.00	ng	-0.02
38) Acenaphthene-d10	9.88	164	320174	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	563182	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	492231	20.00	ng	-0.01
86) Perylene-d12	15.44	264	328513	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	804416	82.04	ng	-0.02
7) Phenol-d6	6.48	99	830643	65.84	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1020788	80.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.68	330	297289	128.38	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1678346	94.97	ng	-0.01
78) Terphenyl-d14	12.96	244	1250961	59.71	ng	-0.01
Target Compounds						
35) Caprolactam	8.53	113	12486	3.93	ng	Qvalue # 38
49) Dimethylphthalate	9.61	163	181446	8.41	ng	99

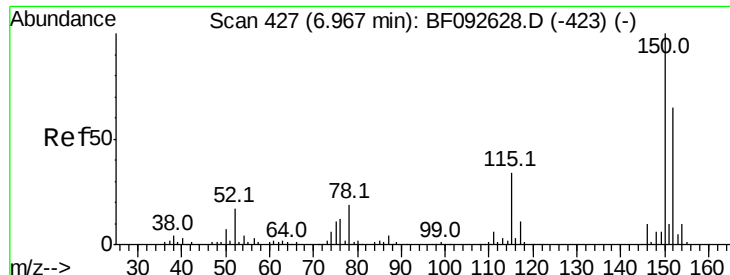
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF093200.D

Acq: 27 Feb 2017 11:15

Instrument :

BNA_F

ClientSampleId :

MW-2R

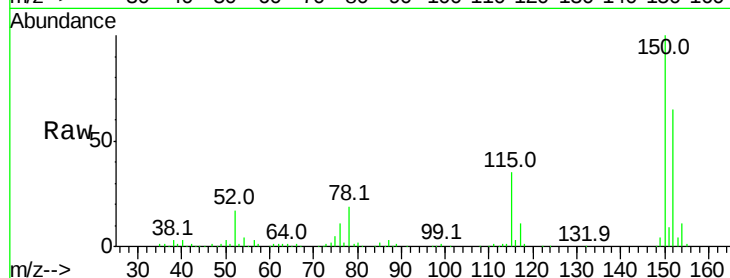
Tot Ion:152 Resp: 168223

Ion Ratio Lower Upper

152 100

150 153.1 124.9 187.3

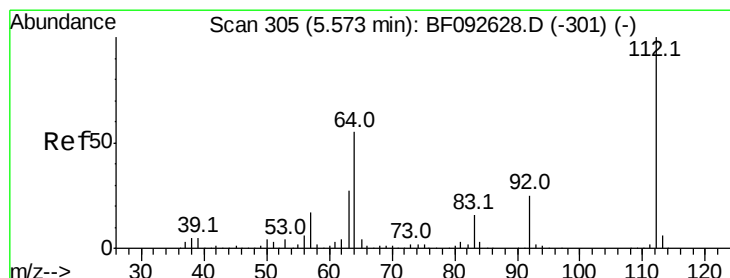
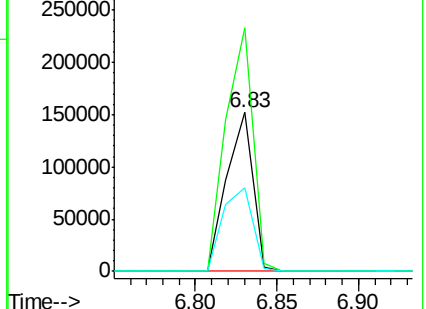
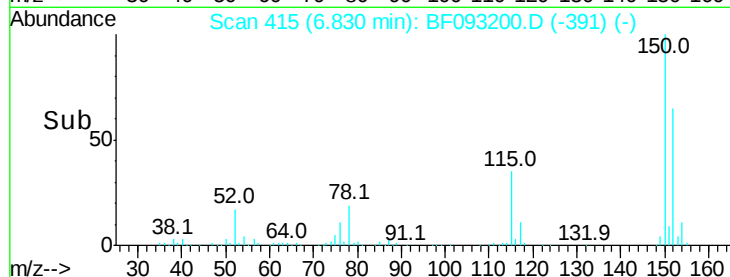
115 52.9 46.0 69.0



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: 82.04 ng

RT: 5.42 min Scan# 292

Delta R.T. -0.02 min

Lab File: BF093200.D

Acq: 27 Feb 2017 11:15

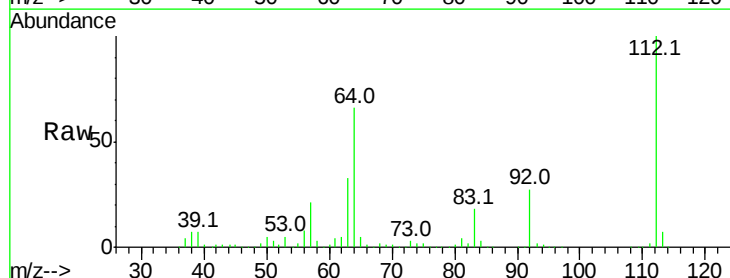
Tgt Ion:112 Resp: 804416

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

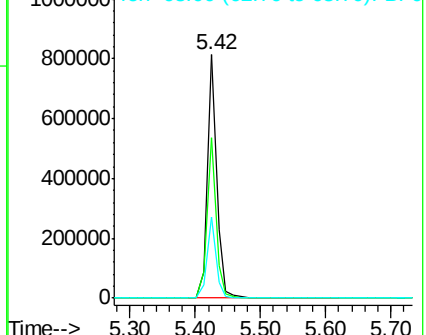
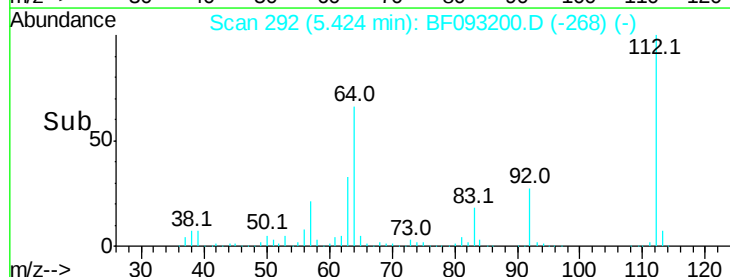
63 33.3 23.8 35.6



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: 65.84 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093200.D

Acq: 27 Feb 2017 11:15

Instrument :

BNA_F

ClientSampleId :

MW-2R

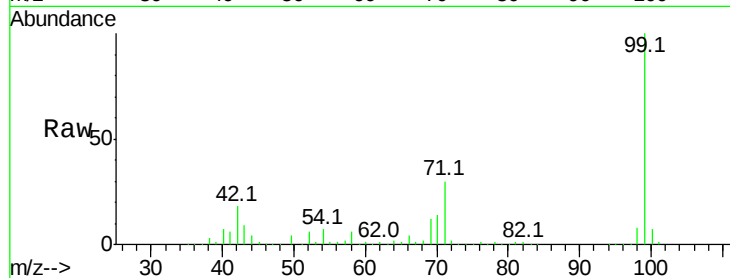
Tot Ion: 99 Resp: 830643

Ion Ratio Lower Upper

99 100

42 17.7 15.6 23.4

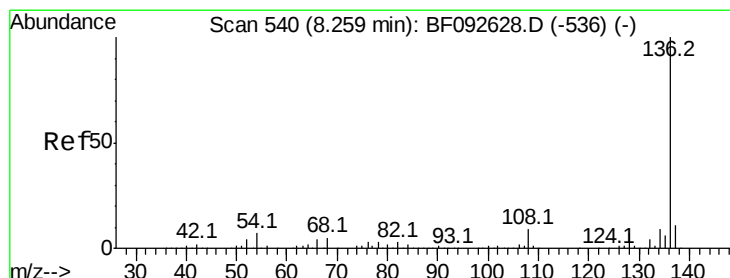
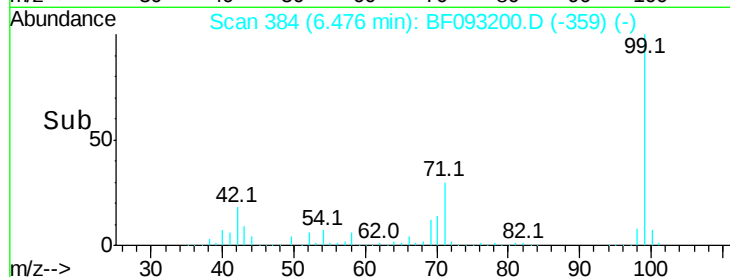
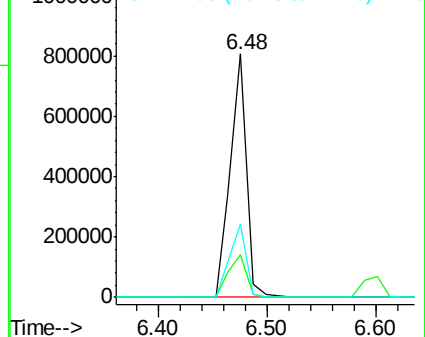
71 30.1 27.5 41.3



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: 20.00 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.02 min

Lab File: BF093200.D

Acq: 27 Feb 2017 11:15

Tgt Ion: 136 Resp: 703664

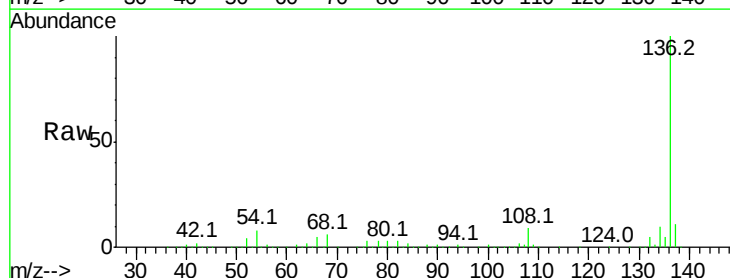
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.3 4.5 6.7#

68 6.3 3.6 5.4#

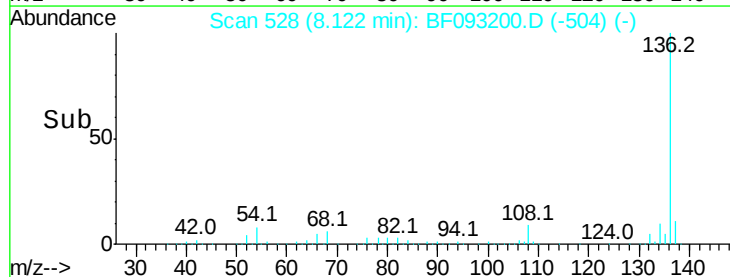
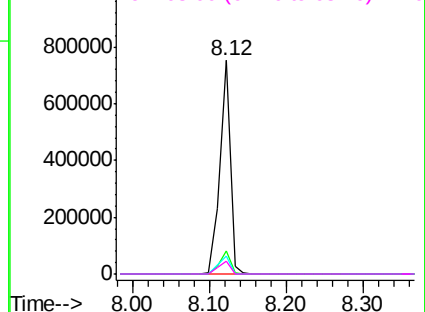


Abundance Ion 136.00 (135.70 to 136.70): E

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

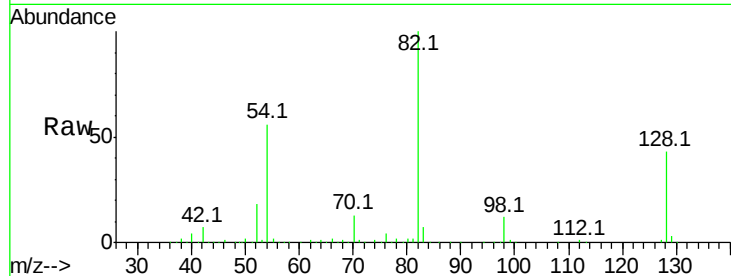




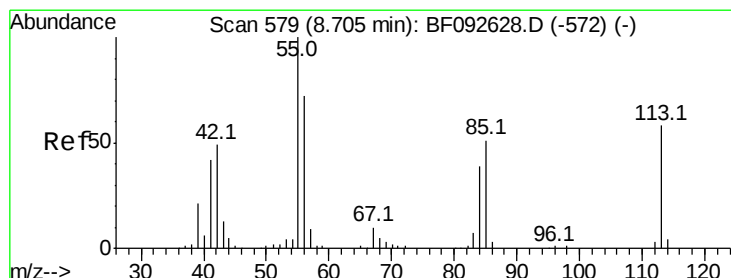
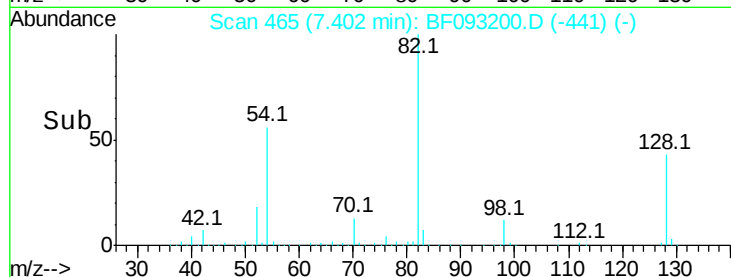
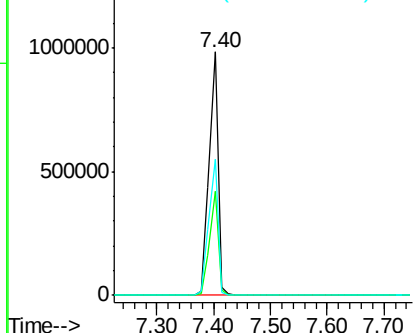
#23
 Nitrobenzene-d5
 Concen: 80.78 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.02 min
 Lab File: BF093200.D
 Acq: 27 Feb 2017 11:15

Instrument :
 BNA_F
 ClientSampleId :
 MW-2R

Tot Ion: 82 Resp: 1020788
 Ion Ratio Lower Upper
 82 100
 128 43.0 34.6 52.0
 54 56.0 39.5 59.3

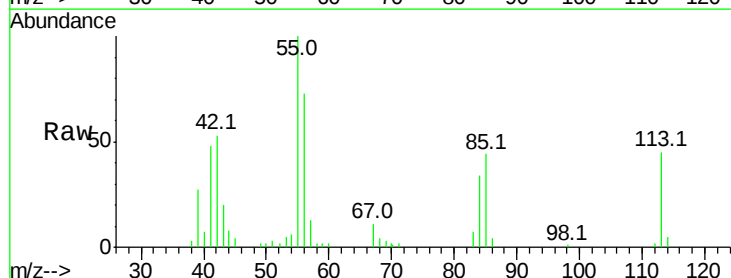


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

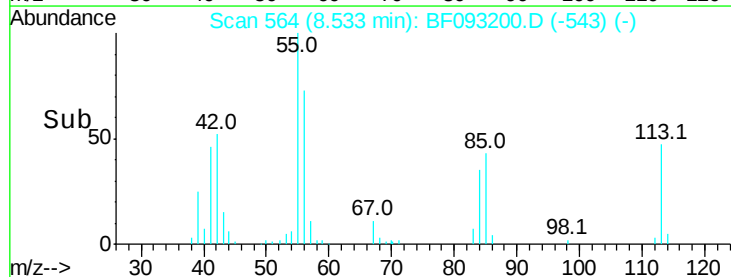
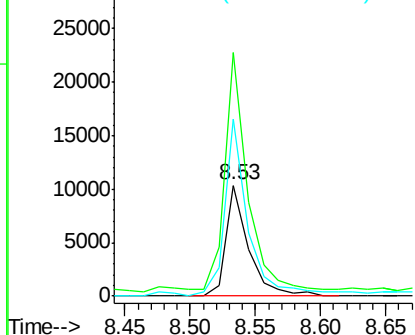


#35
 Caprolactam
 Concen: 3.93 ng
 RT: 8.53 min Scan# 564
 Delta R.T. -0.06 min
 Lab File: BF093200.D
 Acq: 27 Feb 2017 11:15

Tgt Ion: 113 Resp: 12486
 Ion Ratio Lower Upper
 113 100
 55 219.8 119.2 159.2#
 56 160.2 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): BF0
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

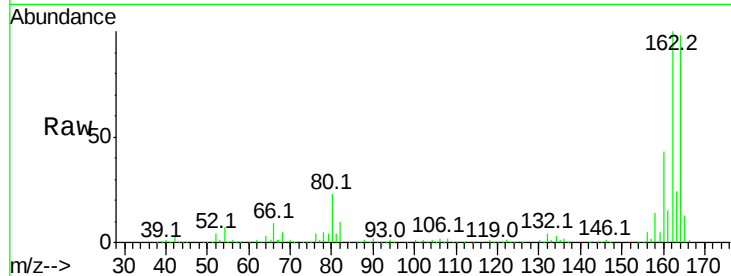




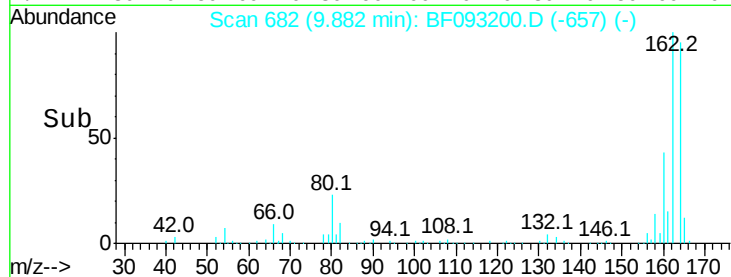
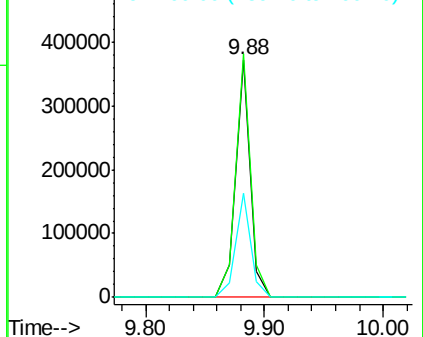
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093200.D
Acq: 27 Feb 2017 11:15

Instrument :
BNA_F
ClientSampleId :
MW-2R

Tot Ion:164 Resp: 320174
Ion Ratio Lower Upper
164 100
162 102.5 80.2 120.2
160 44.1 36.9 55.3

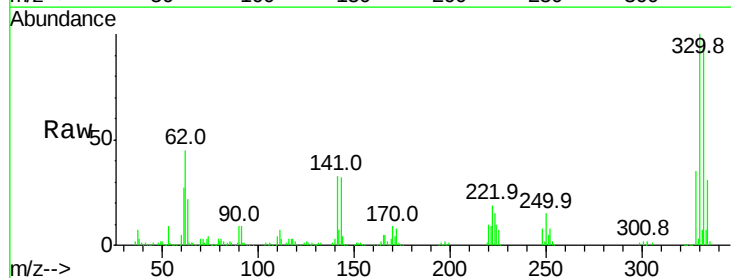


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

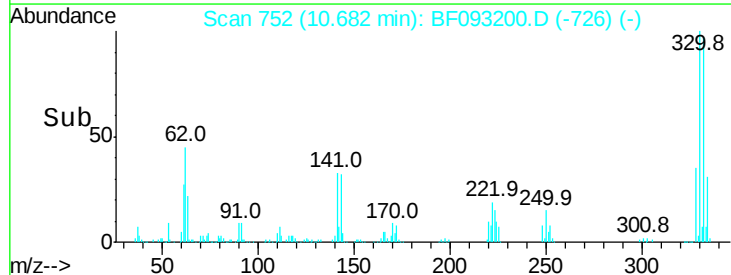
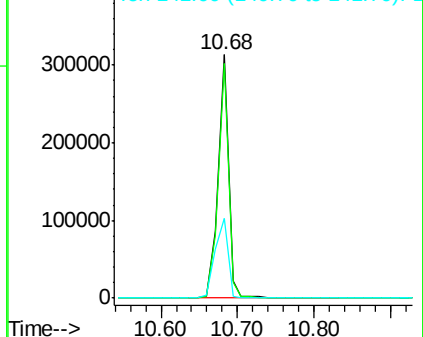


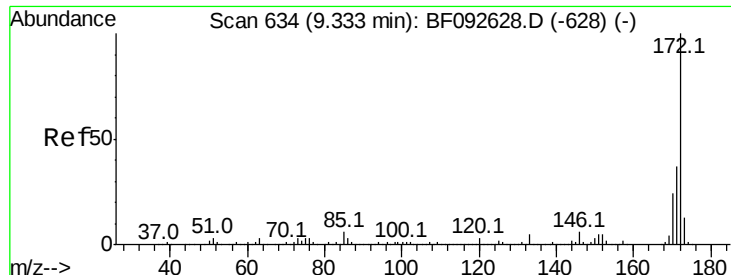
#41
2,4,6-Tribromophenol
Concen: 128.38 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF093200.D
Acq: 27 Feb 2017 11:15

Tgt Ion:330 Resp: 297289
Ion Ratio Lower Upper
330 100
332 95.9 77.4 116.2
141 40.2 34.1 51.1



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

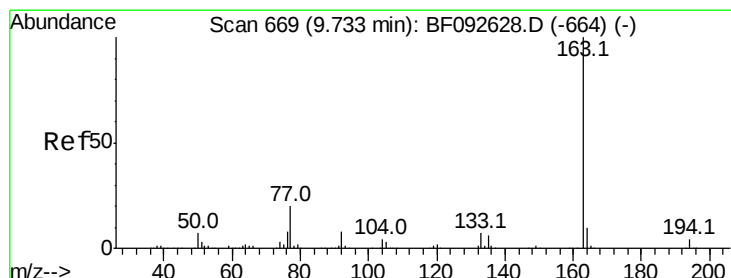
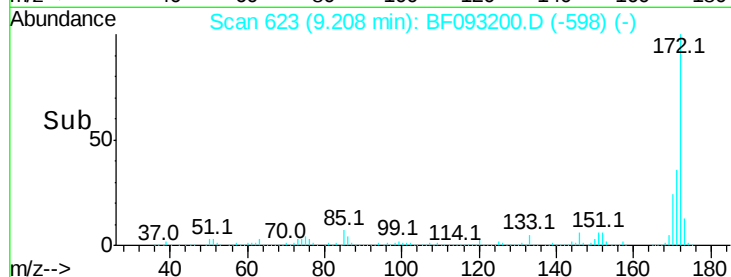
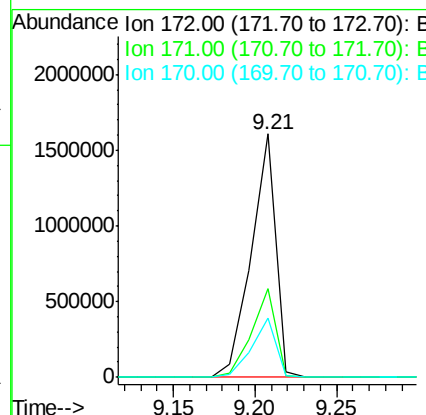
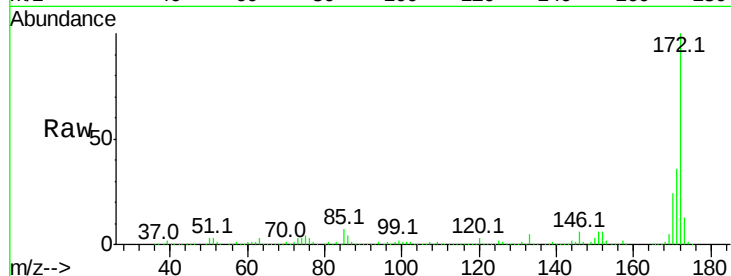




#44
2-Fluorobiphenyl
Concen: 94.97 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF093200.D
Acq: 27 Feb 2017 11:15

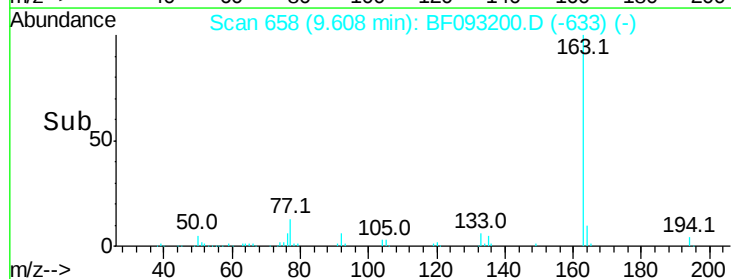
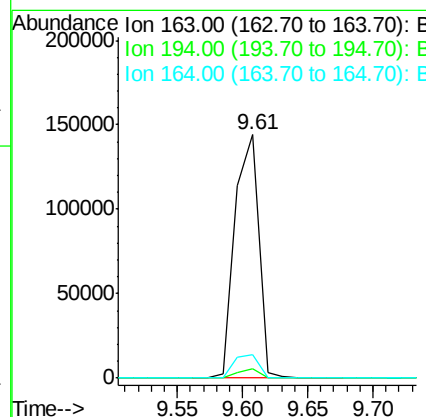
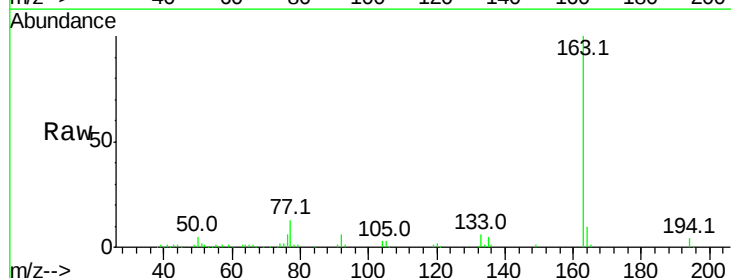
Instrument :
BNA_F
ClientSampleId :
MW-2R

Tot Ion:172 Resp: 1678346
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 24.5 20.2 30.4



#49
Dimethylphthalate
Concen: 8.41 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF093200.D
Acq: 27 Feb 2017 11:15

Tgt Ion:163 Resp: 181446
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 9.5 8.0 12.0

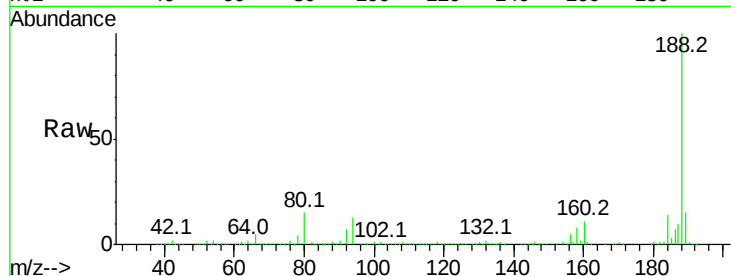




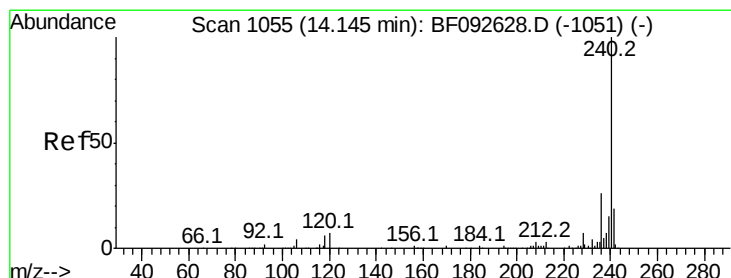
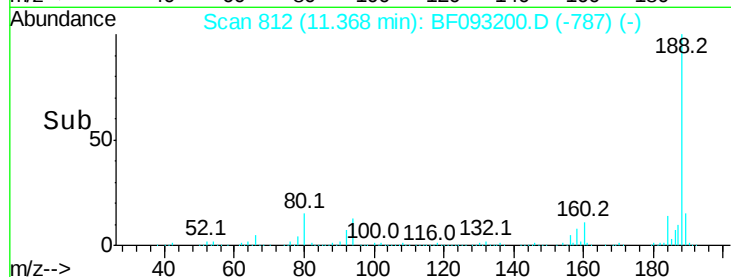
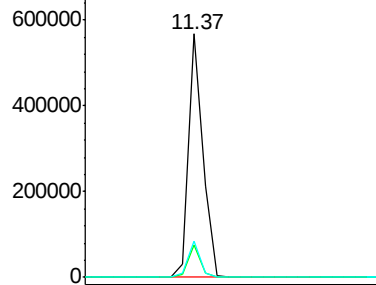
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093200.D
Acq: 27 Feb 2017 11:15

Instrument :
BNA_F
ClientSampleId :
MW-2R

Tot Ion:188 Resp: 563182
Ion Ratio Lower Upper
188 100
94 13.3 10.0 15.0
80 14.9 11.2 16.8

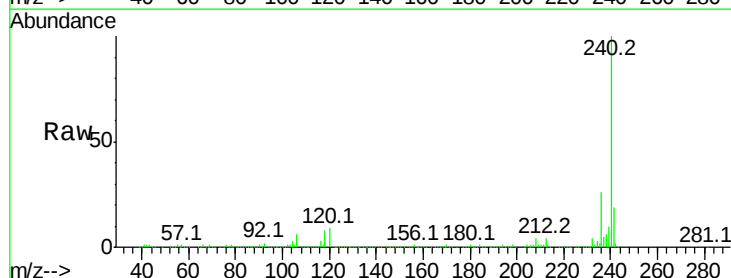


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

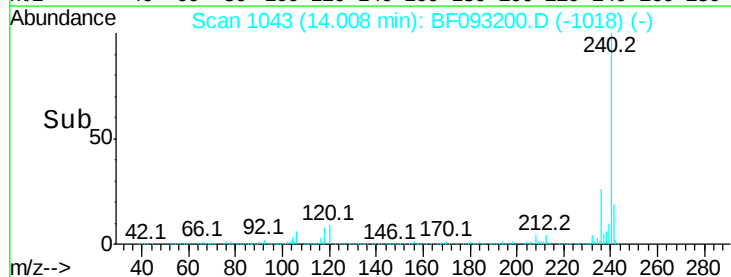
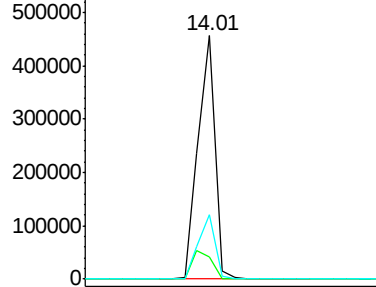


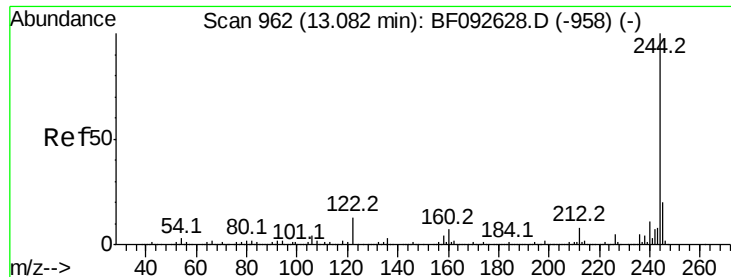
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF093200.D
Acq: 27 Feb 2017 11:15

Tgt Ion:240 Resp: 492231
Ion Ratio Lower Upper
240 100
120 9.3 12.9 19.3#
236 26.3 20.9 31.3



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: 59.71 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093200.D

Acq: 27 Feb 2017 11:15

Instrument :

BNA_F

ClientSampleId :

MW-2R

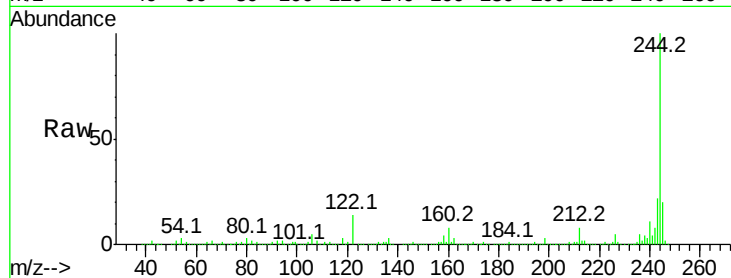
Tot Ion:244 Resp: 1250961

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

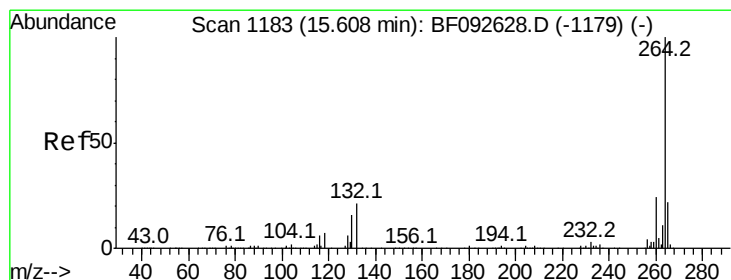
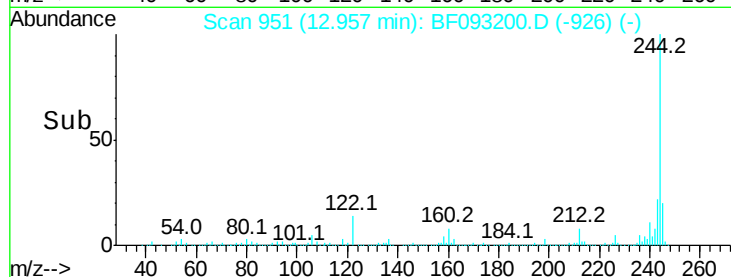
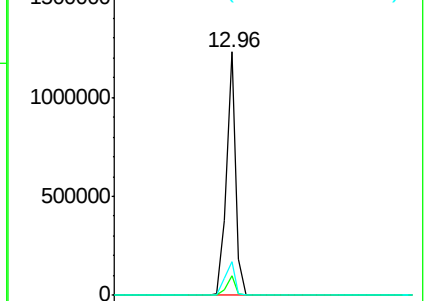
122 13.6 11.4 17.2



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

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093200.D

Acq: 27 Feb 2017 11:15

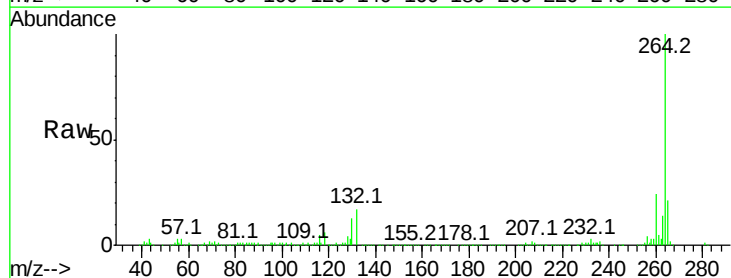
Tgt Ion:264 Resp: 328513

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.8 17.4 26.0



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

