

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031817\
 Data File : BF093746.D
 Acq On : 18 Mar 2017 11:44
 Operator : SJ/MA
 Sample : I2263-05
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Quant Time: Mar 20 01:37:43 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 18 05:21:29 2017
 Response via : Initial Calibration

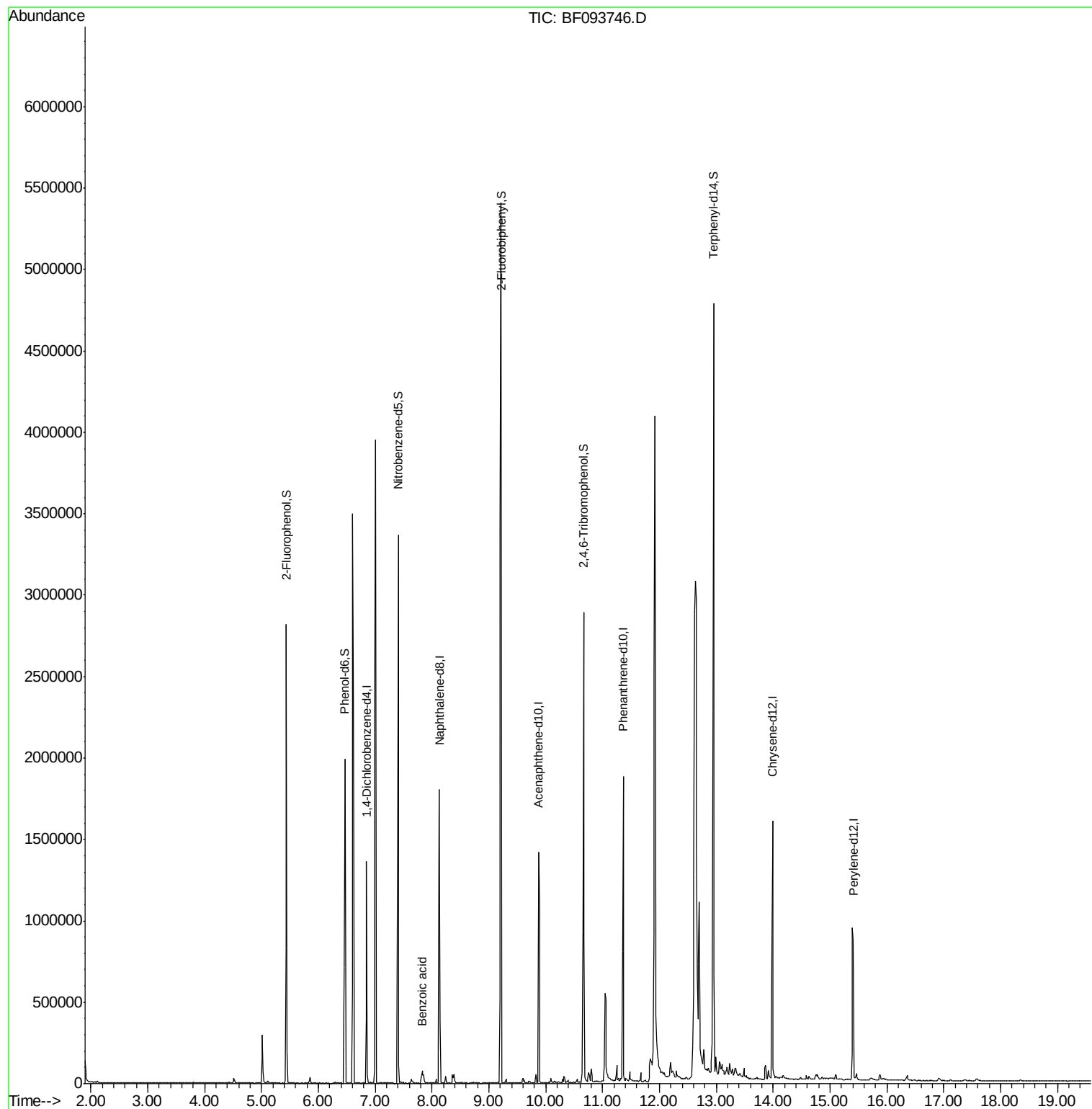
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	209934	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	812589	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	376811	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	724944	20.00	ng	0.00
75) Chrysene-d12	13.99	240	631028	20.00	ng	-0.01
86) Perylene-d12	15.41	264	491368	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	776492	61.67	ng	0.00
7) Phenol-d6	6.47	99	695491	44.56	ng	-0.01
23) Nitrobenzene-d5	7.41	82	1204087	88.93	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	398633	161.64	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2151846	107.76	ng	0.00
78) Terphenyl-d14	12.95	244	1682808	57.40	ng	0.00
Target Compounds						
32) Benzoic acid	7.83	122	30603	7.45	ng	Qvalue 97

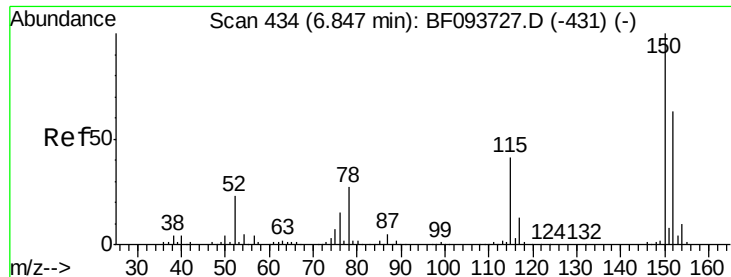
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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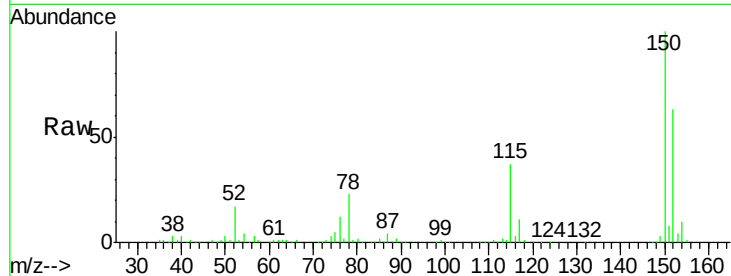


#1

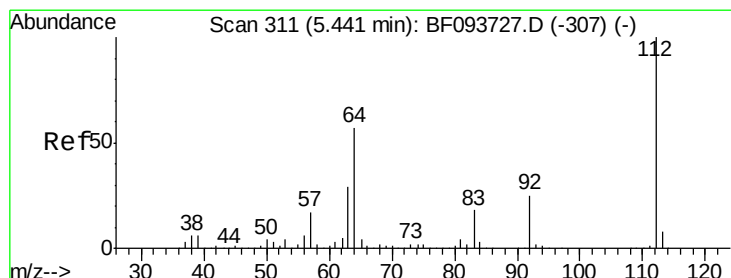
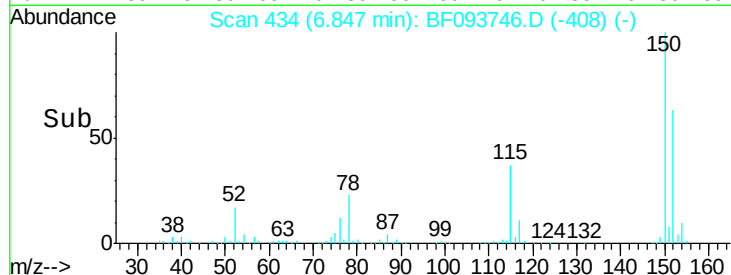
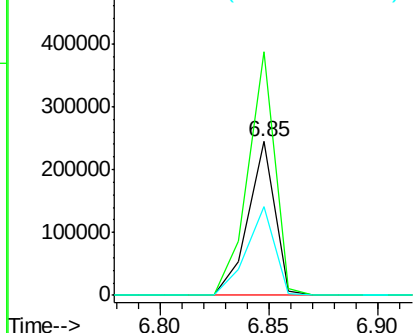
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 434
Delta R.T. 0.00 min
Lab File: BF093746.D
Acq: 18 Mar 2017 11:44

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion:152 Resp: 209934
Ion Ratio Lower Upper
152 100
150 158.1 126.2 189.2
115 58.0 52.2 78.2



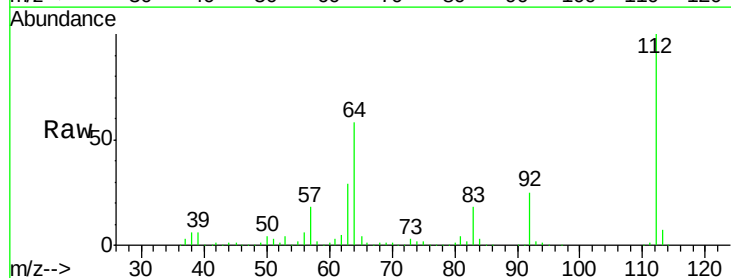
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



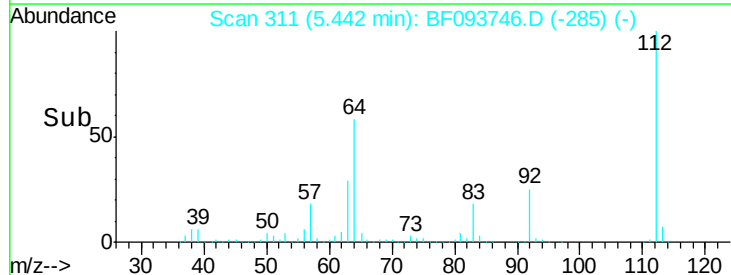
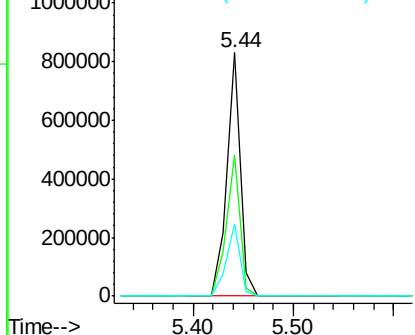
#5

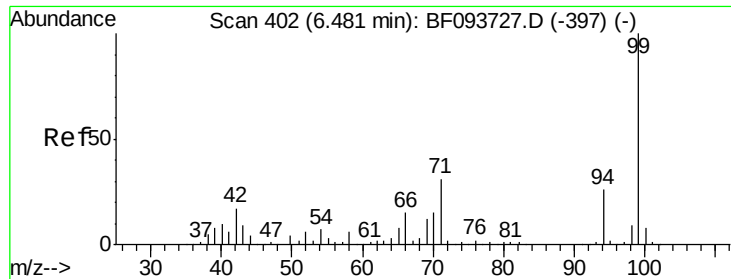
2-Fluorophenol
Concen: 61.67 ng
RT: 5.44 min Scan# 311
Delta R.T. 0.00 min
Lab File: BF093746.D
Acq: 18 Mar 2017 11:44

Tgt Ion:112 Resp: 776492
Ion Ratio Lower Upper
112 100
64 58.2 46.0 69.0
63 29.4 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: 44.56 ng

RT: 6.47 min Scan# 401

Delta R.T. -0.01 min

Lab File: BF093746.D

Acq: 18 Mar 2017 11:44

Instrument :

BNA_F

ClientSampleId :

MW-102S

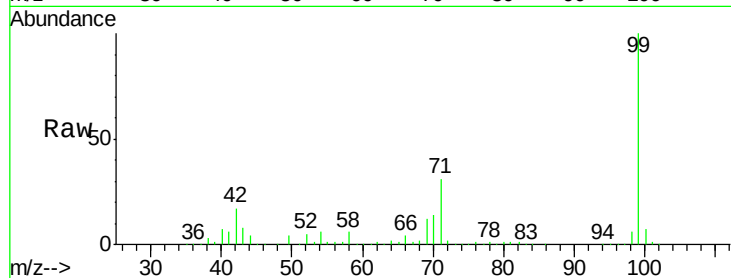
Tgt Ion: 99 Resp: 695491

Ion Ratio Lower Upper

99 100

42 16.7 13.5 20.3

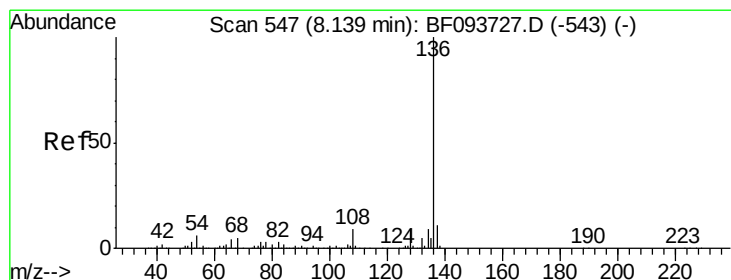
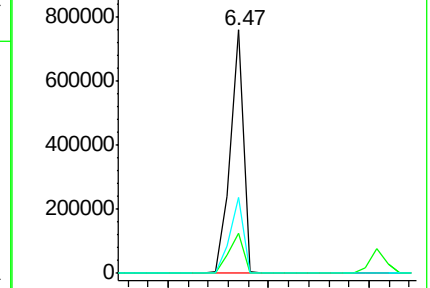
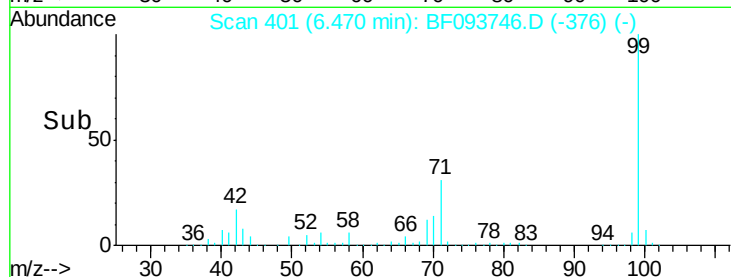
71 31.1 24.5 36.7



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: 20.00 ng

RT: 8.13 min Scan# 546

Delta R.T. -0.01 min

Lab File: BF093746.D

Acq: 18 Mar 2017 11:44

Tgt Ion: 136 Resp: 812589

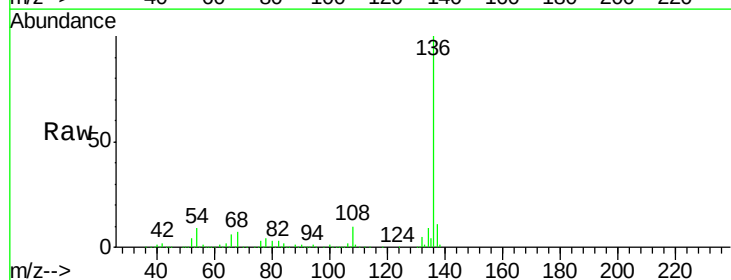
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.9 4.9 7.3#

68 7.0 4.1 6.1#

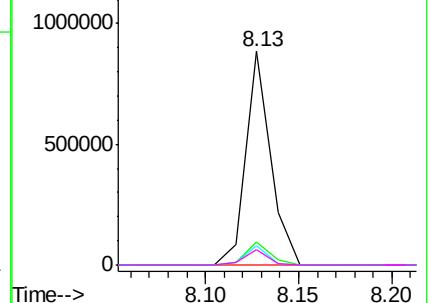
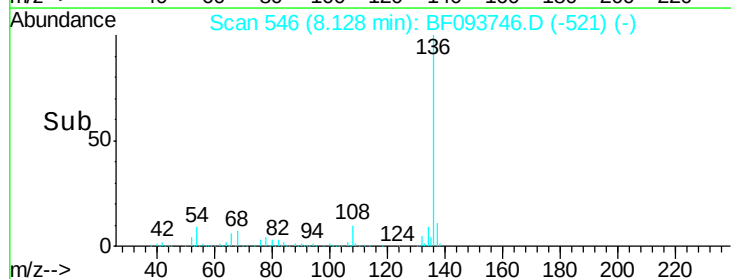


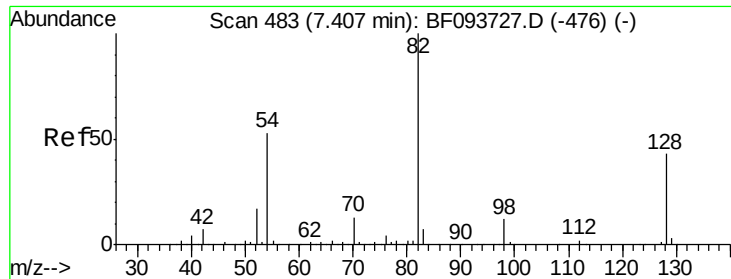
Abundance Ion 136.00 (135.70 to 136.70): E

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

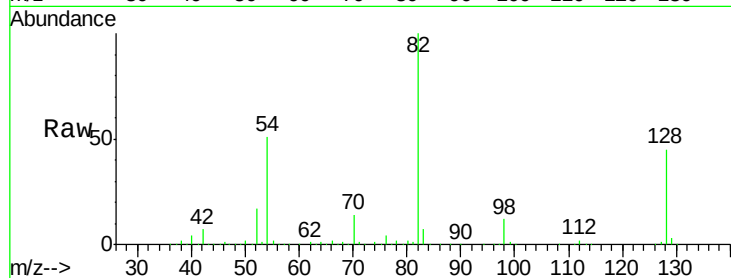




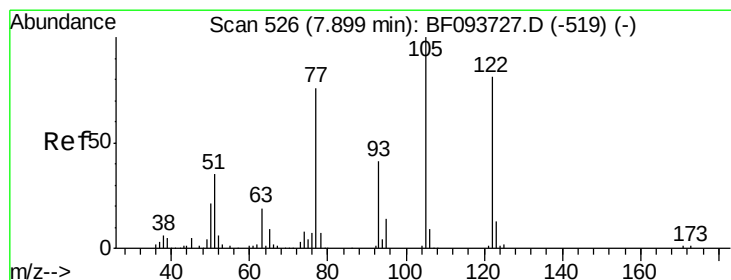
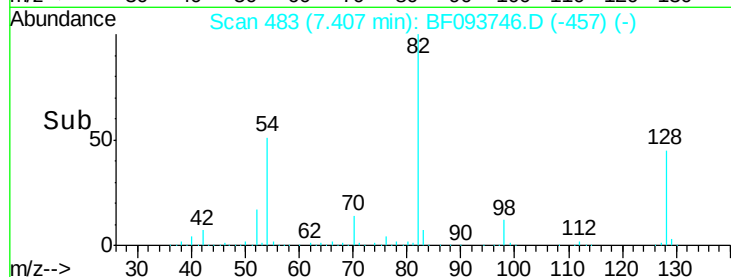
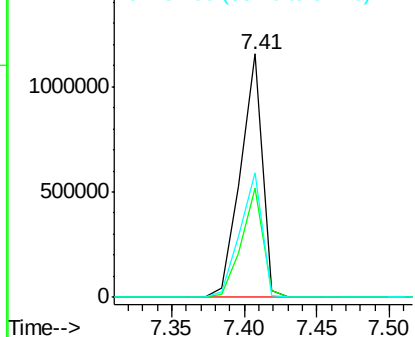
#23
 Nitrobenzene-d5
 Concen: 88.93 ng
 RT: 7.41 min Scan# 483
 Delta R.T. 0.00 min
 Lab File: BF093746.D
 Acq: 18 Mar 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Tgt Ion: 82 Resp: 1204087
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.0 51.0
 54 51.4 42.2 63.2

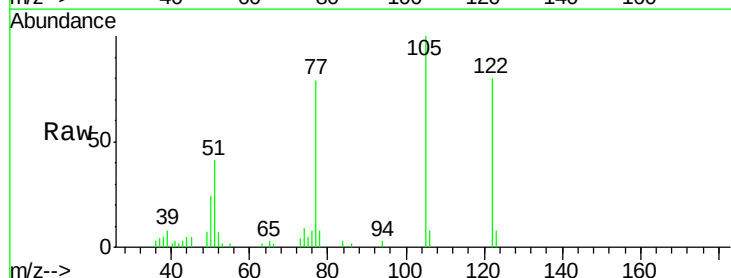


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

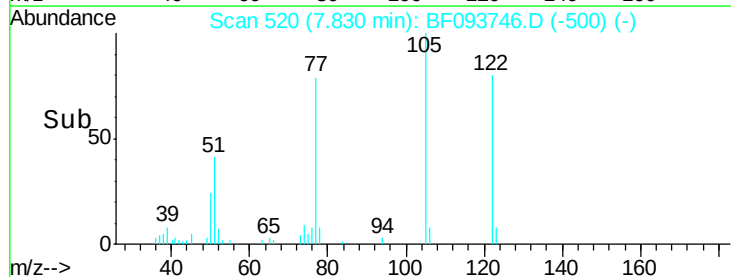
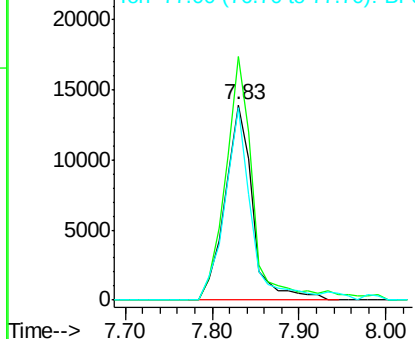


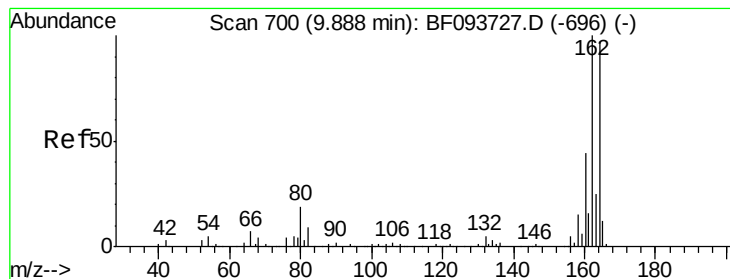
#32
 Benzoic acid
 Concen: 7.45 ng
 RT: 7.83 min Scan# 520
 Delta R.T. -0.07 min
 Lab File: BF093746.D
 Acq: 18 Mar 2017 11:44

Tgt Ion: 122 Resp: 30603
 Ion Ratio Lower Upper
 122 100
 105 124.8 103.3 143.3
 77 98.4 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093746.D

Acq: 18 Mar 2017 11:44

Instrument :

BNA_F

ClientSampleId :

MW-102S

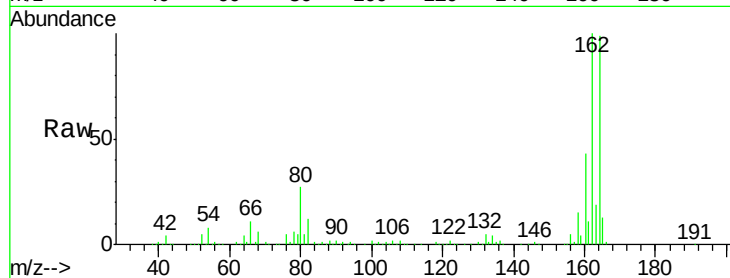
Tgt Ion:164 Resp: 376811

Ion Ratio Lower Upper

164 100

162 101.2 82.6 123.8

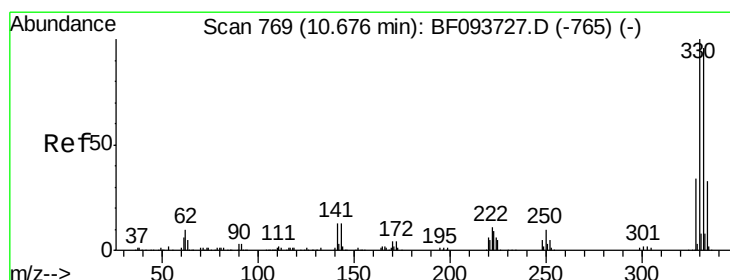
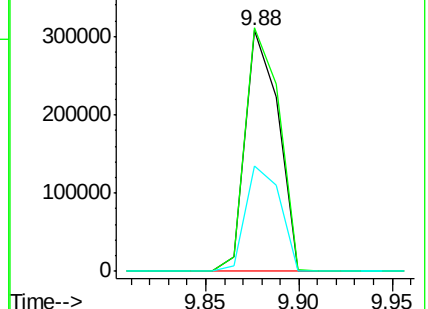
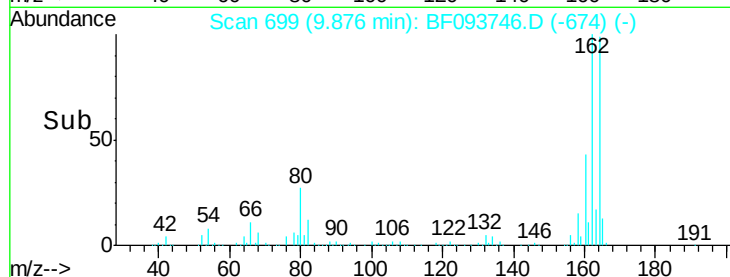
160 43.7 36.2 54.2



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: 161.64 ng

RT: 10.66 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF093746.D

Acq: 18 Mar 2017 11:44

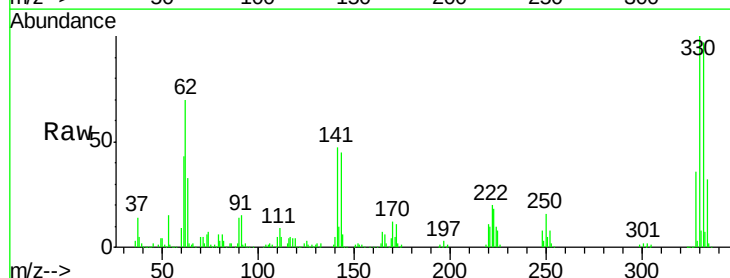
Tgt Ion:330 Resp: 398633

Ion Ratio Lower Upper

330 100

332 97.4 76.6 115.0

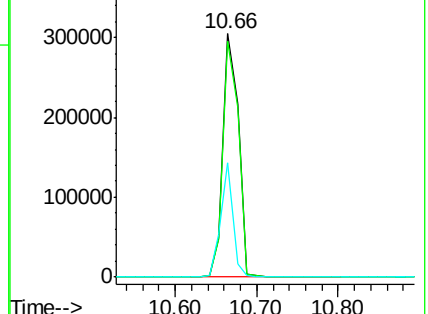
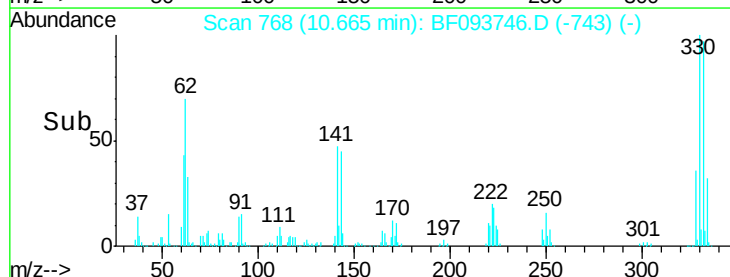
141 37.8 31.4 47.2

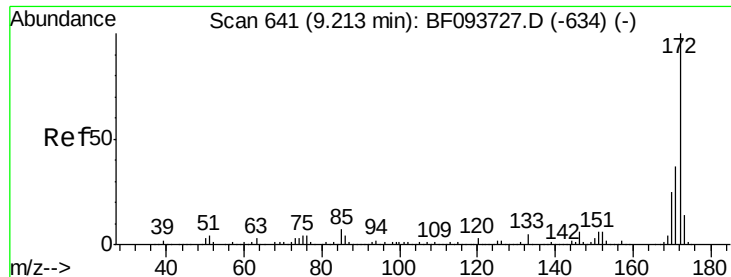


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

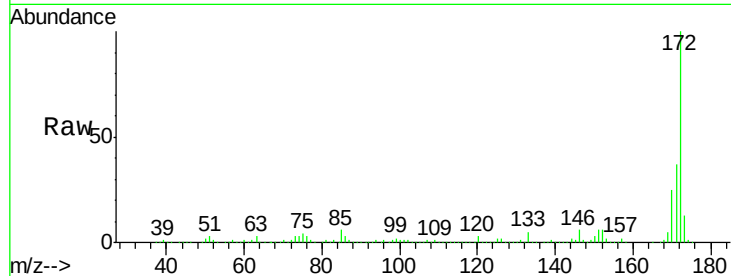




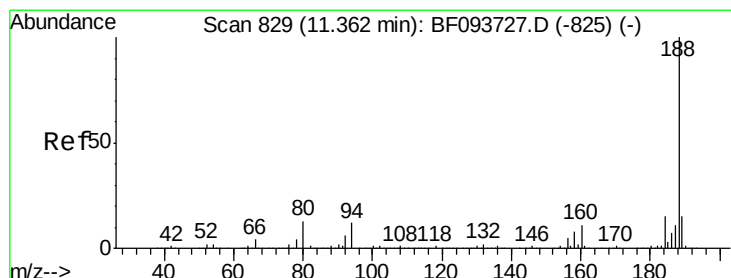
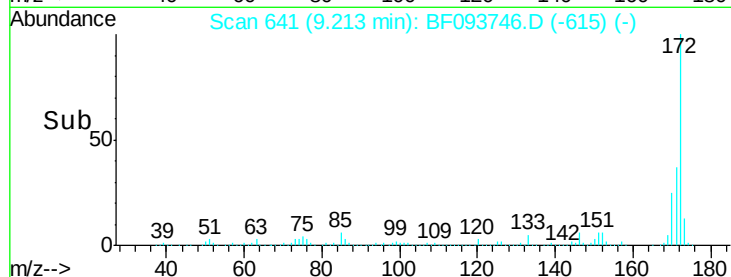
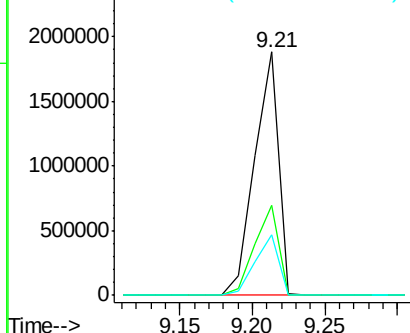
#44
 2-Fluorobiphenyl
 Concen: 107.76 ng
 RT: 9.21 min Scan# 641
 Delta R.T. 0.00 min
 Lab File: BF093746.D
 Acq: 18 Mar 2017 11:44

Instrument :
 BNA_F
 ClientSampleId :
 MW-102S

Tgt Ion:172 Resp: 2151846
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.6 44.4
 170 24.9 19.8 29.8

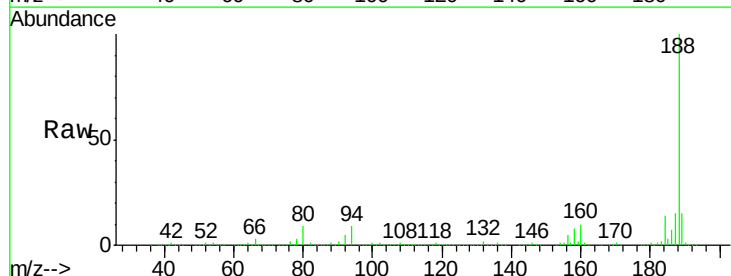


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

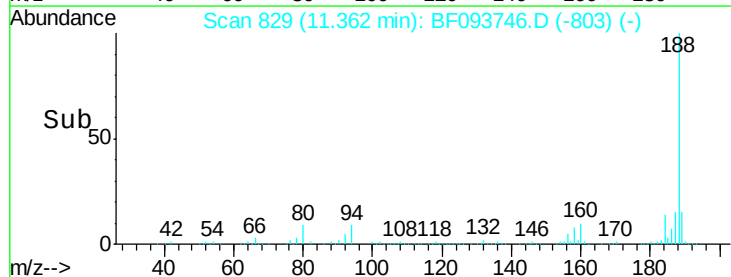
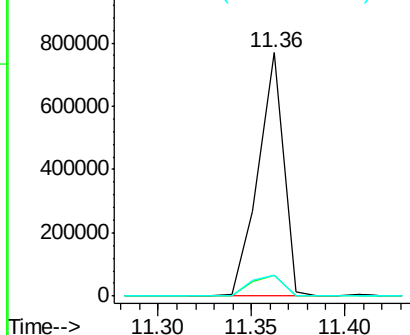


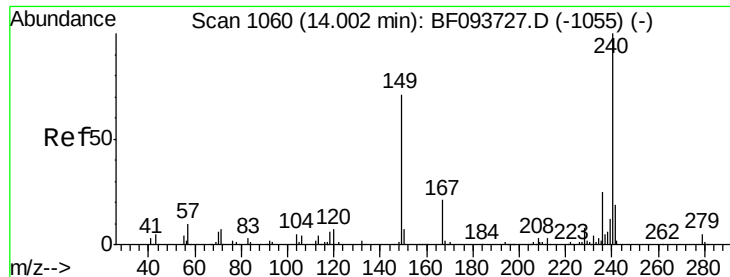
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 829
 Delta R.T. 0.00 min
 Lab File: BF093746.D
 Acq: 18 Mar 2017 11:44

Tgt Ion:188 Resp: 724944
 Ion Ratio Lower Upper
 188 100
 94 8.7 9.4 14.2#
 80 8.8 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: 20.00 ng

RT: 13.99 min Scan# 1059

Delta R.T. -0.01 min

Lab File: BF093746.D

Acq: 18 Mar 2017 11:44

Instrument :

BNA_F

ClientSampleId :

MW-102S

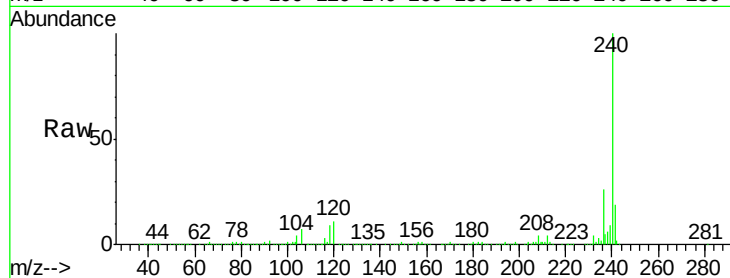
Tgt Ion:240 Resp: 631028

Ion Ratio Lower Upper

240 100

120 10.6 5.8 8.8#

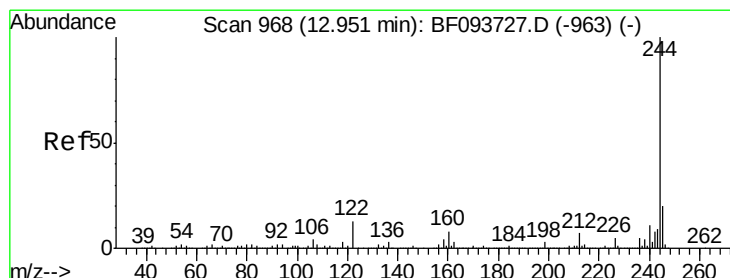
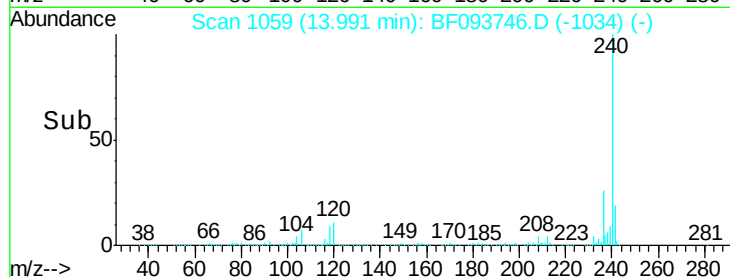
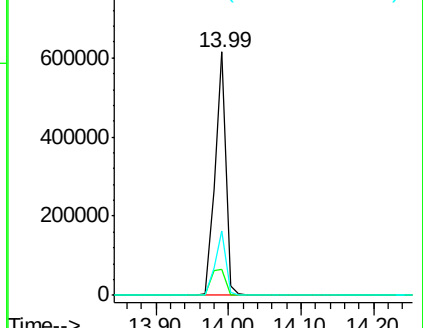
236 26.4 20.5 30.7



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: 57.40 ng

RT: 12.95 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF093746.D

Acq: 18 Mar 2017 11:44

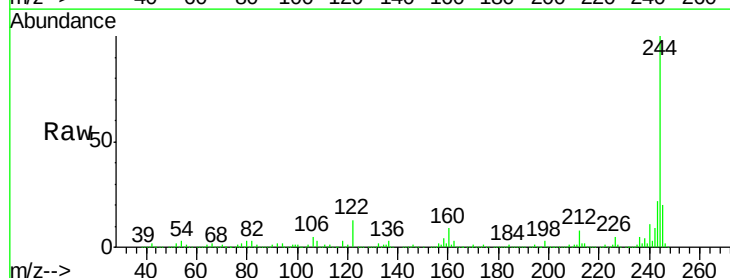
Tgt Ion:244 Resp: 1682808

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

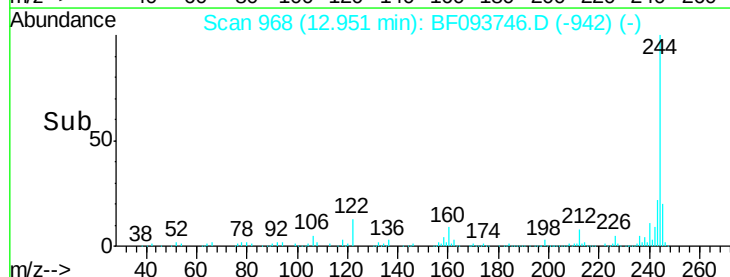
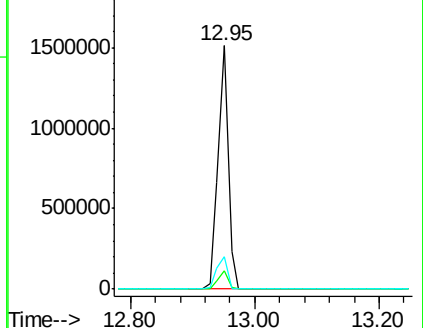
122 13.5 10.3 15.5

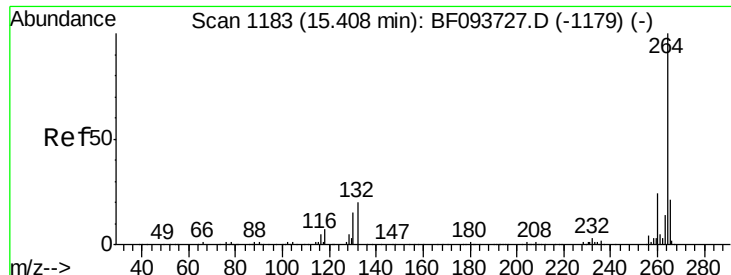


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

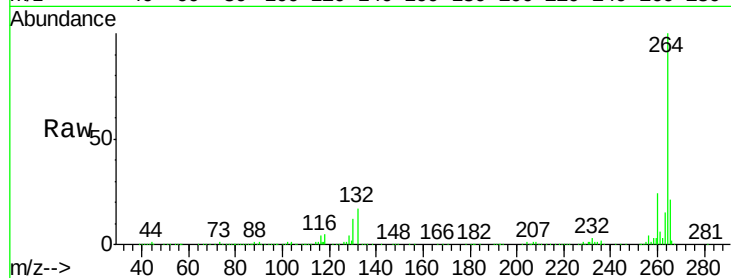




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.41 min Scan# 1183
Delta R.T. 0.00 min
Lab File: BF093746.D
Acq: 18 Mar 2017 11:44

Instrument :
BNA_F
ClientSampleId :
MW-102S

Tgt Ion: 264 Resp: 491368
Ion Ratio Lower Upper
264 100
260 24.0 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

