

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091856.D
 Acq On : 22 Dec 2016 1:40
 Operator : UM/SJ
 Sample : H6156-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1101

Quant Time: Dec 22 03:49:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

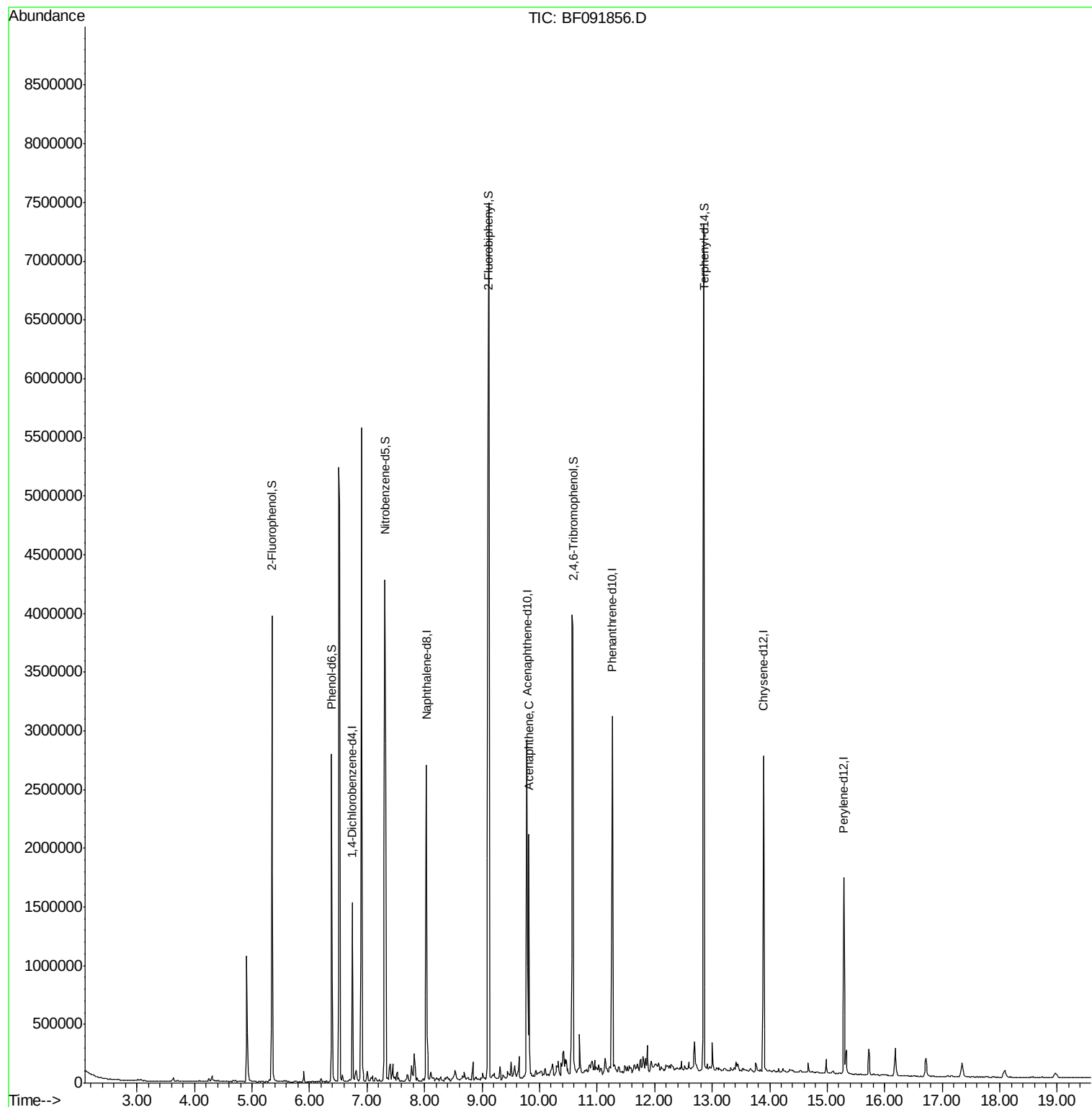
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	318424	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1293685	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	687896	20.00	ng	-0.01
63) Phenanthrene-d10	11.27	188	1177953	20.00	ng	0.00
75) Chrysene-d12	13.89	240	907020	20.00	ng	-0.01
86) Perylene-d12	15.29	264	727310	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1309733	68.68	ng	0.00
7) Phenol-d6	6.38	99	1022237	43.90	ng	-0.02
23) Nitrobenzene-d5	7.31	82	2188574	94.07	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	820537	144.13	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3446869	105.83	ng	0.00
78) Terphenyl-d14	12.85	244	2577444	68.92	ng	0.00
Target Compounds						
51) Acenaphthene	9.81	154	447771	11.51	ng	Qvalue 98

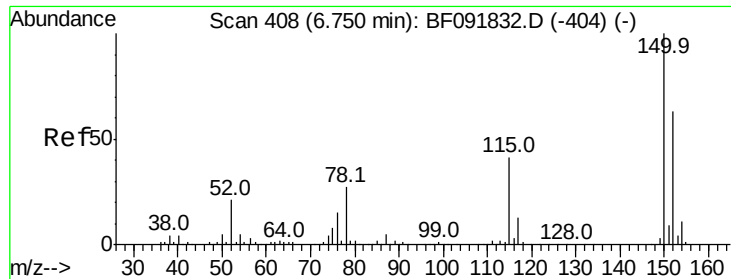
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 21 16:17:51 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

Instrument :

BNA_F

ClientSampled :

MW-1101

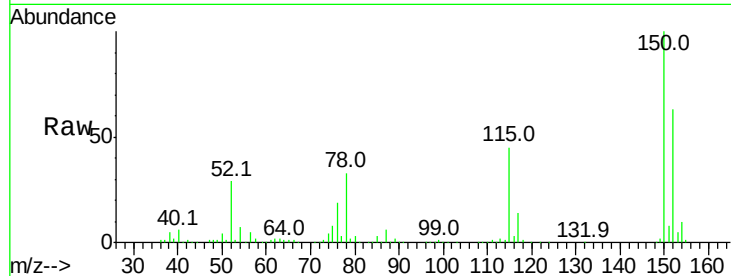
Tot Ion:152 Resp: 318424

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

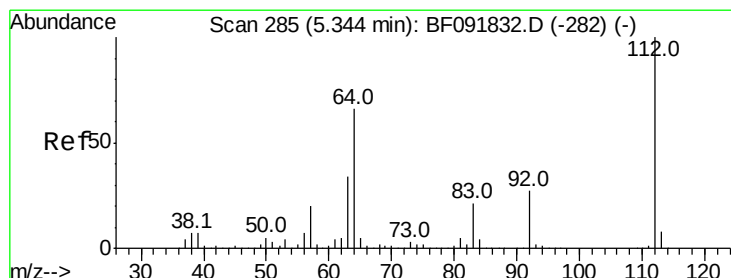
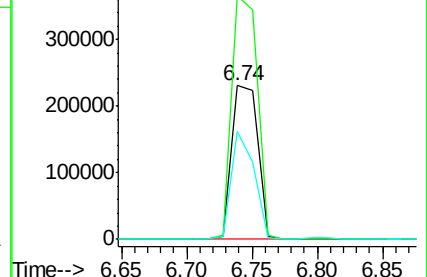
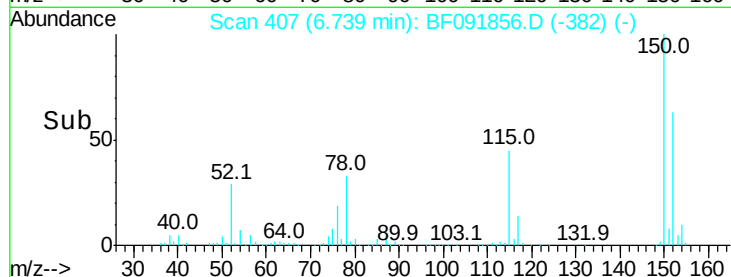
115 70.6 46.0 69.0#



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: 68.68 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

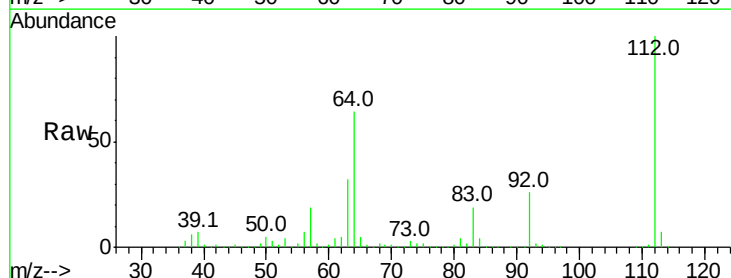
Tgt Ion:112 Resp: 1309733

Ion Ratio Lower Upper

112 100

64 64.3 46.1 69.1

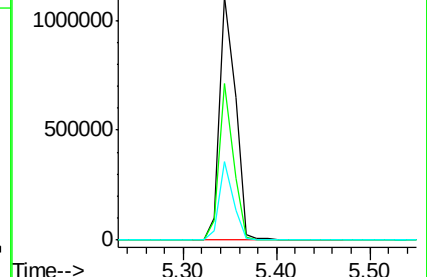
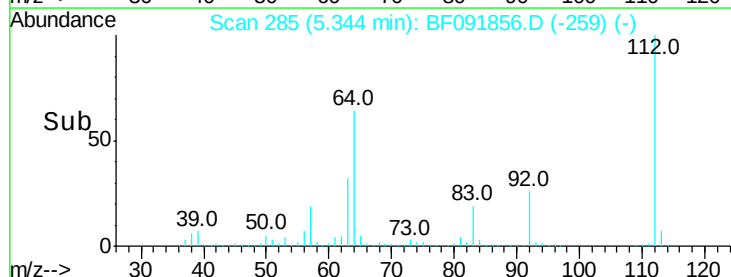
63 32.1 23.8 35.6

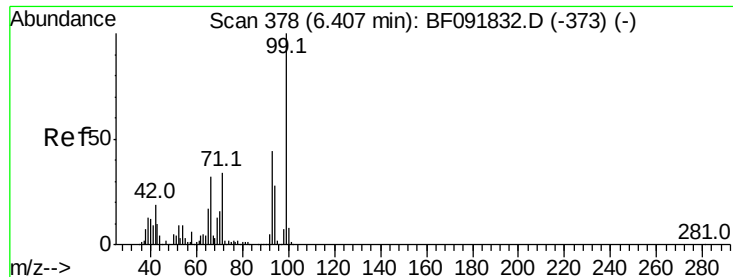


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 43.90 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.02 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

Instrument :

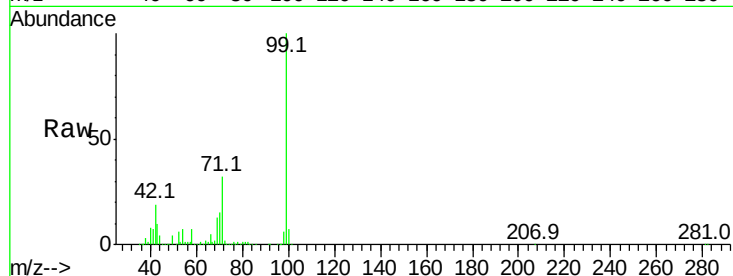
BNA_F

ClientSampleId :

MW-1101

Tot Ion: 99 Resp: 1022237

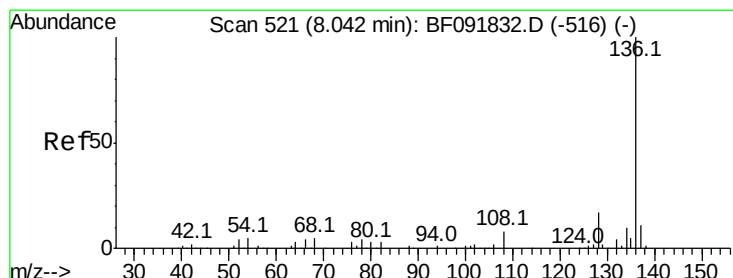
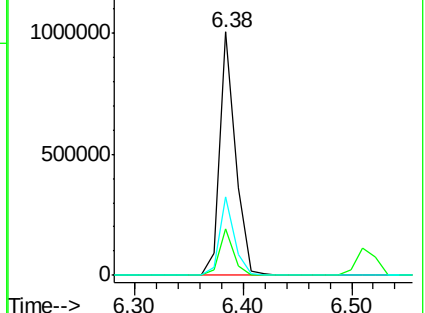
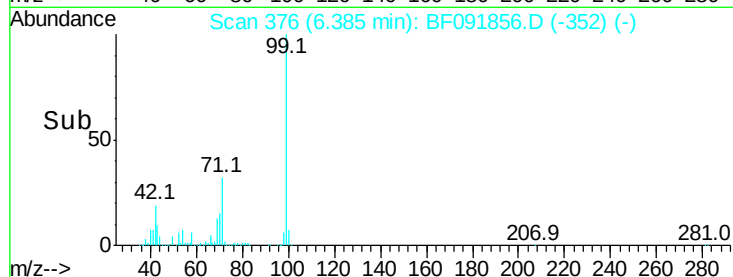
Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	32.4	27.5	41.3



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: 8.03 min Scan# 520

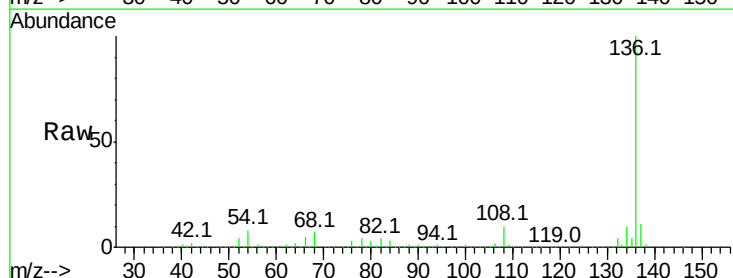
Delta R.T. -0.01 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

Tgt Ion: 136 Resp: 1293685

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	8.5	4.5	6.7#
68	7.1	3.6	5.4#

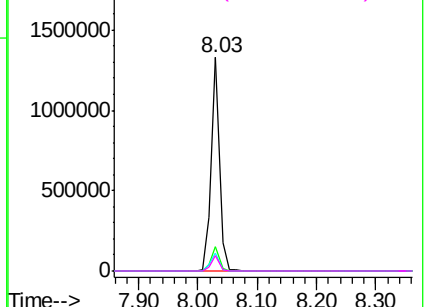
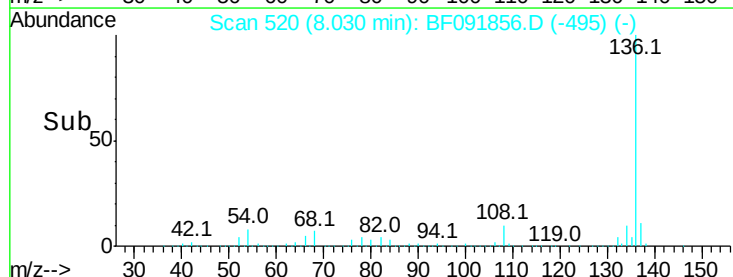


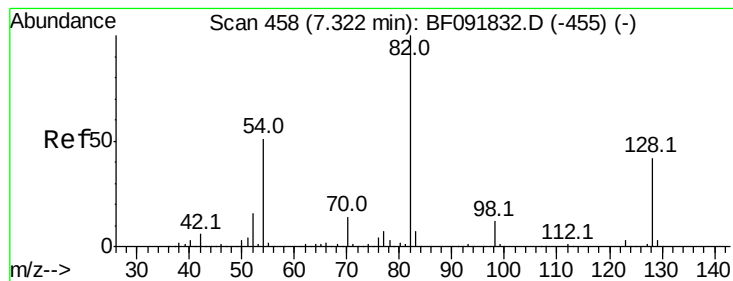
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.07 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-1101

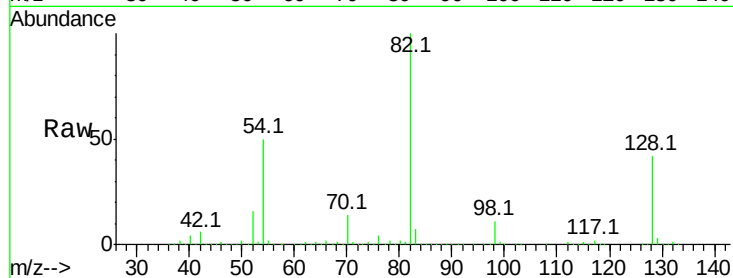
Tot Ion: 82 Resp: 2188574

Ion Ratio Lower Upper

82 100

128 42.3 34.6 52.0

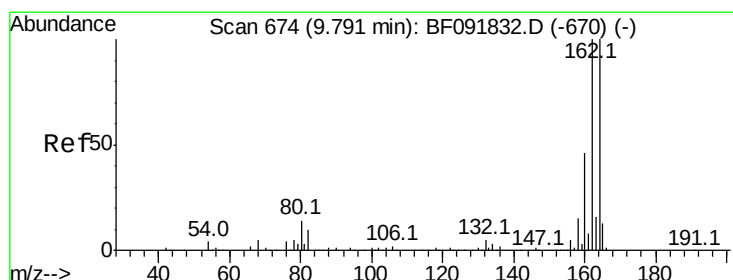
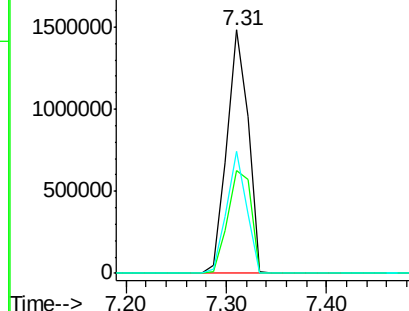
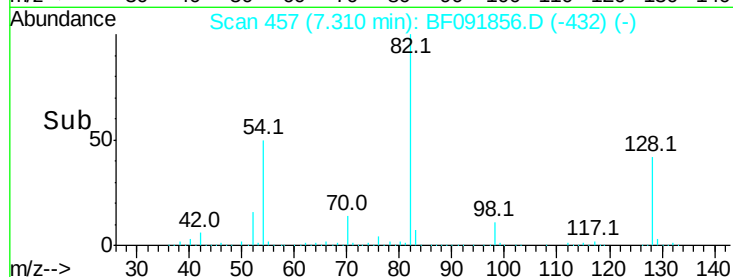
54 50.2 39.5 59.3



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

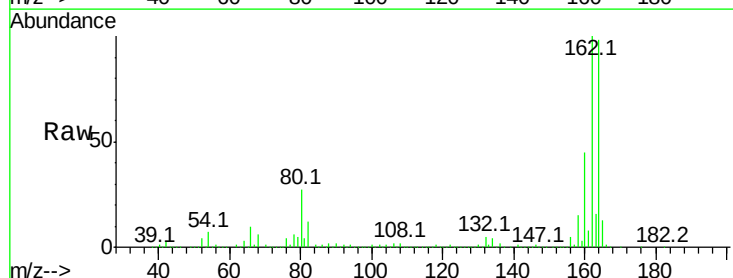
Tgt Ion:164 Resp: 687896

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

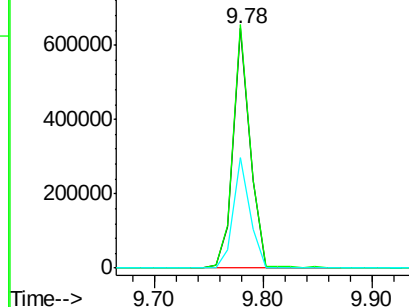
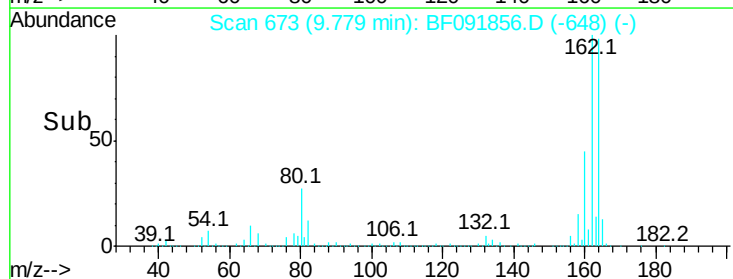
160 45.9 36.9 55.3

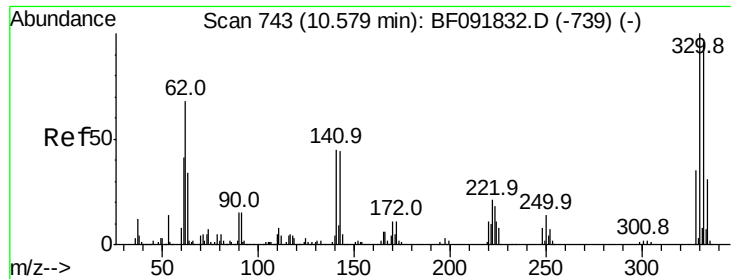


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

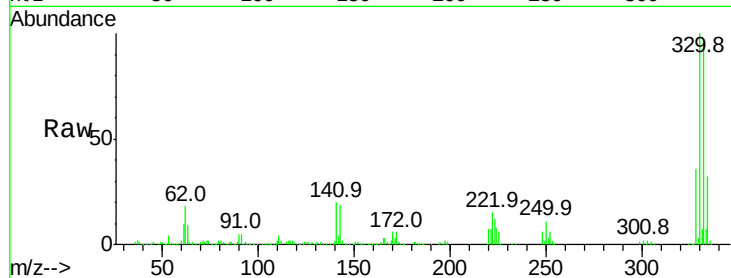




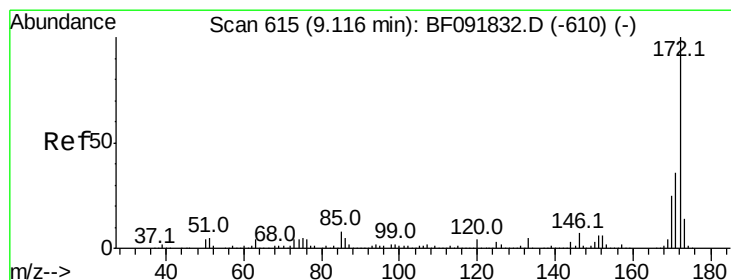
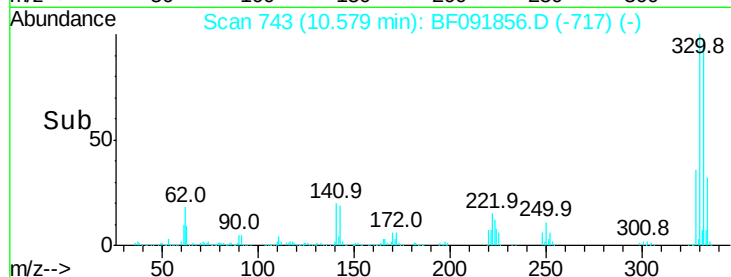
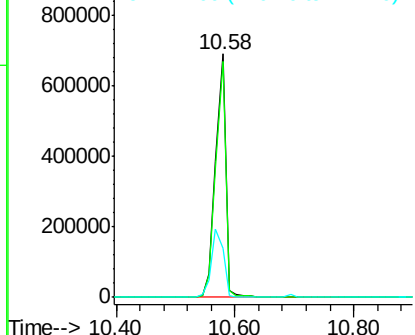
#41
 2,4,6-Tribromophenol
 Concen: 144.13 ng
 RT: 10.58 min Scan# 743
 Delta R.T. 0.00 min
 Lab File: BF091856.D
 Acq: 22 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-1101

Tot Ion:330 Resp: 820537
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 33.3 34.1 51.1#

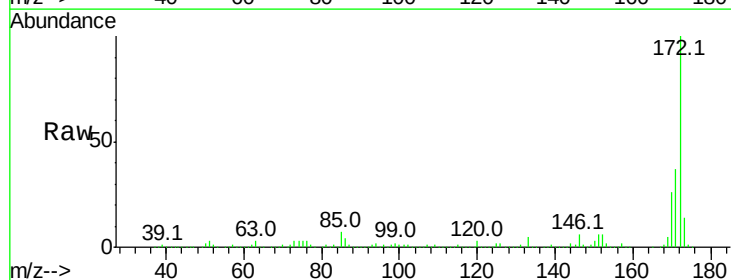


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

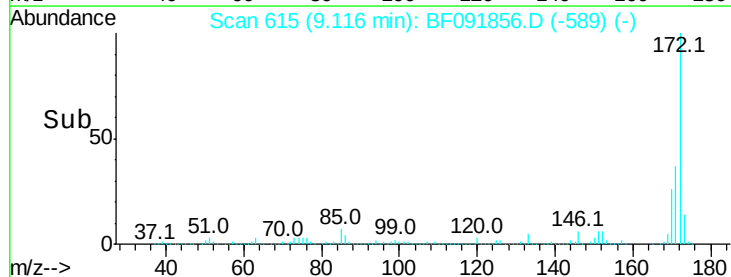
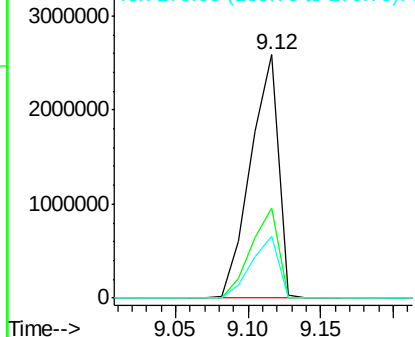


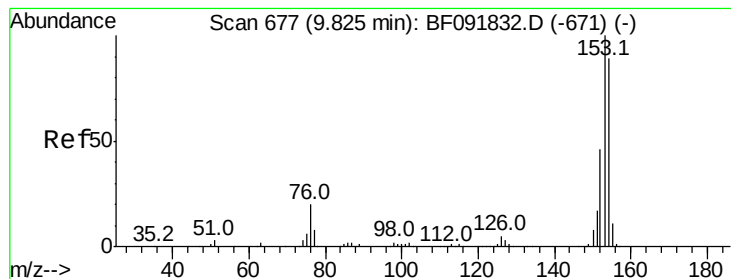
#44
 2-Fluorobiphenyl
 Concen: 105.83 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091856.D
 Acq: 22 Dec 2016 1:40

Tgt Ion:172 Resp: 3446869
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 25.5 20.2 30.4



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





#51

Acenaphthene

Concen: 11.51 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-1101

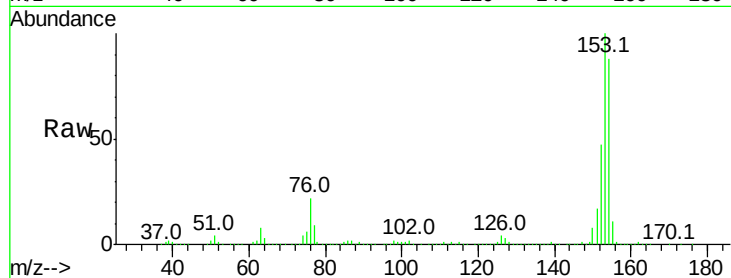
Tot Ion:154 Resp: 447771

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

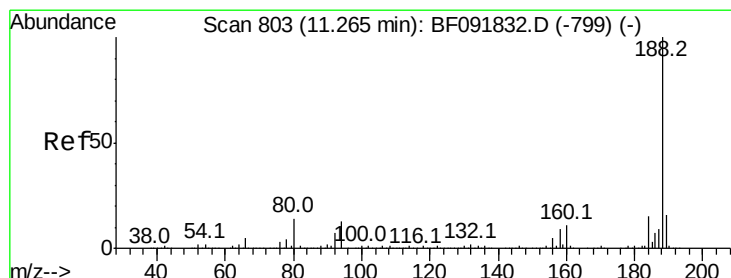
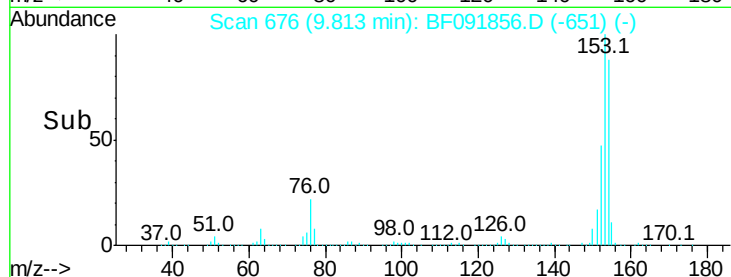
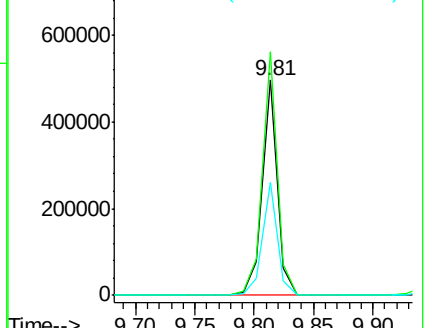
152 52.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.27 min Scan# 803

Delta R.T. 0.00 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

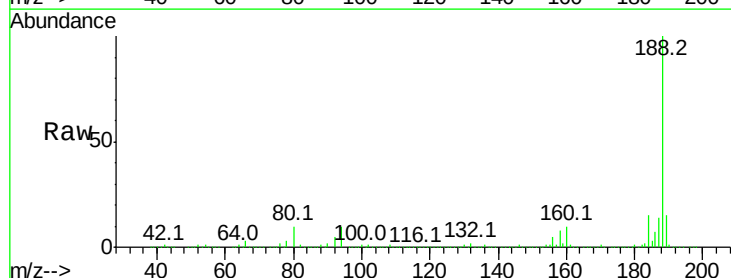
Tgt Ion:188 Resp: 1177953

Ion Ratio Lower Upper

188 100

94 9.6 10.0 15.0#

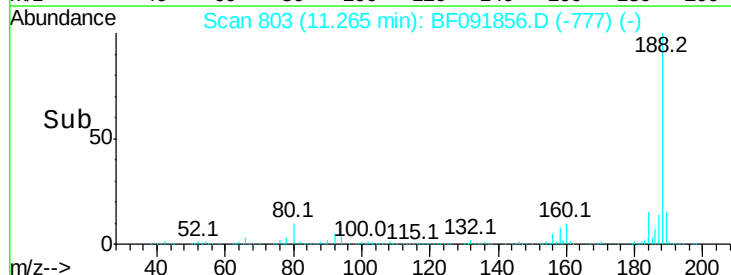
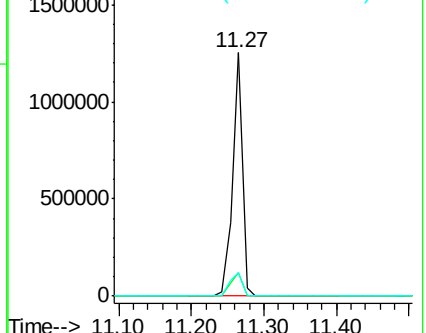
80 9.9 11.2 16.8#

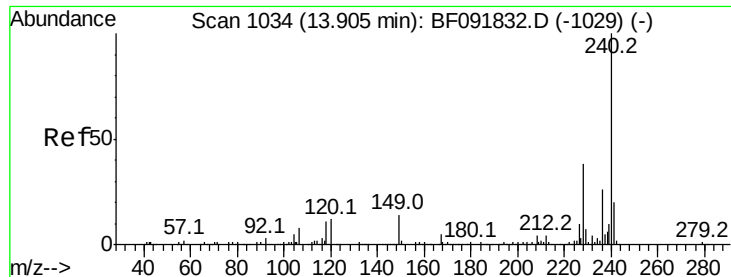


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

Instrument :

BNA_F

ClientSampleId :

MW-1101

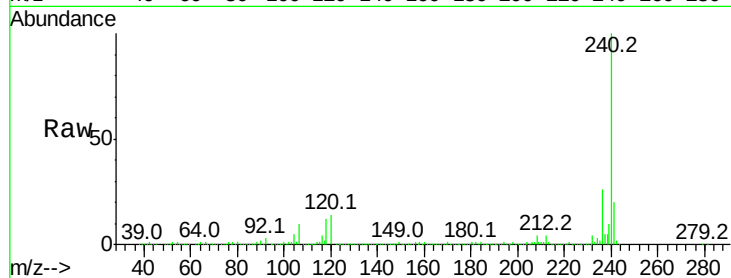
Tot Ion:240 Resp: 907020

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

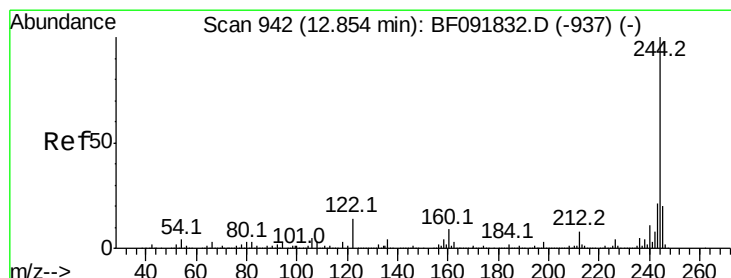
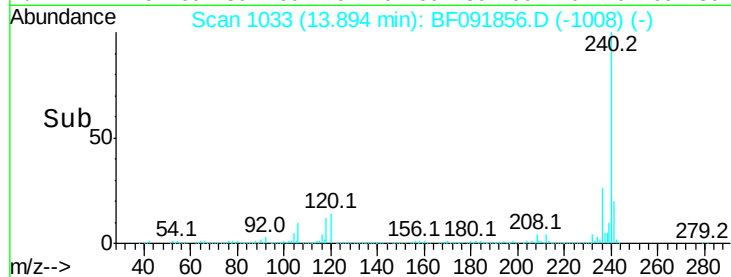
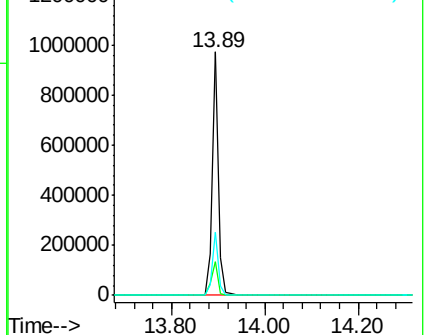
236 26.0 20.9 31.3



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: 68.92 ng

RT: 12.85 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF091856.D

Acq: 22 Dec 2016 1:40

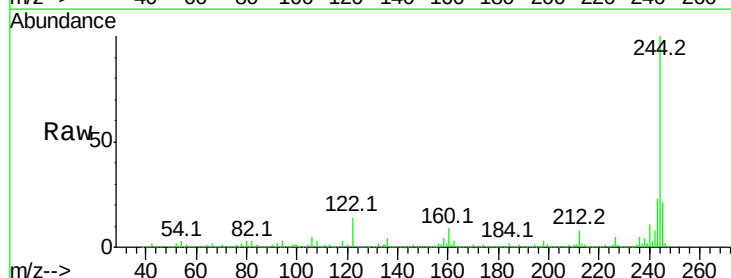
Tgt Ion:244 Resp: 2577444

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

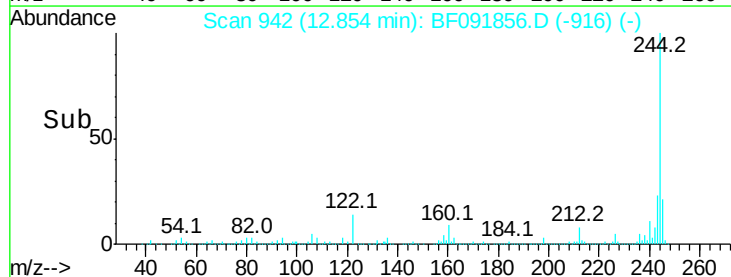
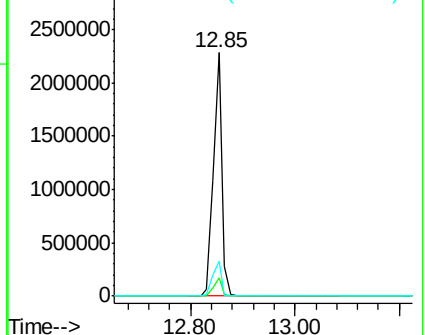
122 14.1 11.4 17.2

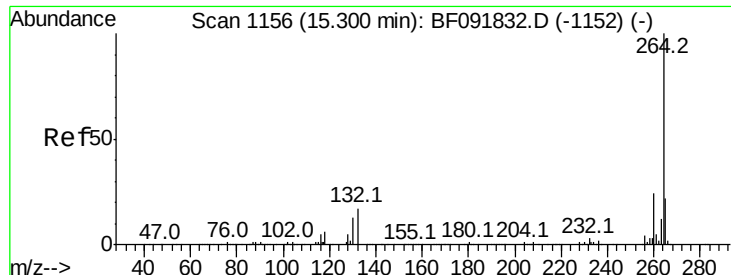


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

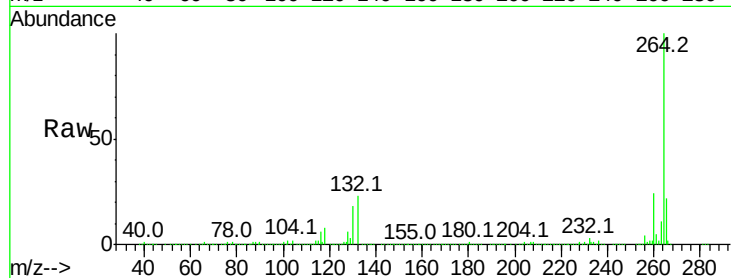




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091856.D
 Acq: 22 Dec 2016 1:40

Instrument :
 BNA_F
 ClientSampleId :
 MW-1101

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.7	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

