

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091955.D
 Acq On : 24 Dec 2016 6:55
 Operator : UM/SJ
 Sample : H6156-06DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Quant Time: Dec 24 23:34:16 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

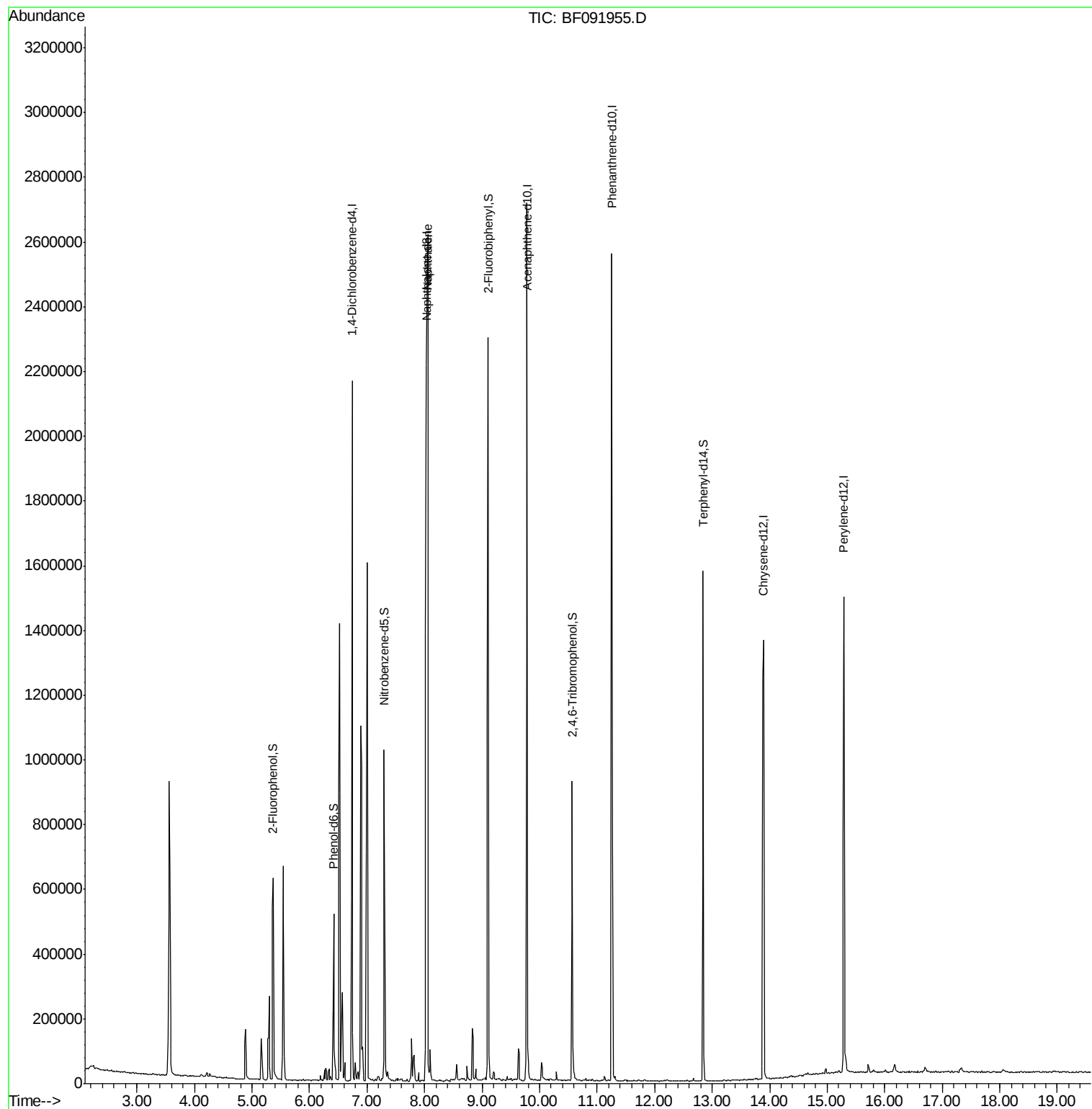
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	334535	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1244315	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	691700	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	969401	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	703610	20.00	ng	-0.01
86) Perylene-d12	15.29	264	663509	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	278625	13.91	ng	0.02
7) Phenol-d6	6.42	99	225802	9.23	ng	0.01
23) Nitrobenzene-d5	7.30	82	403492	18.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	143405	25.05	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	874708	15.34	ng	-0.01
78) Terphenyl-d14	12.84	244	552398	19.04	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	1836493	32.25	ng	Qvalue 99

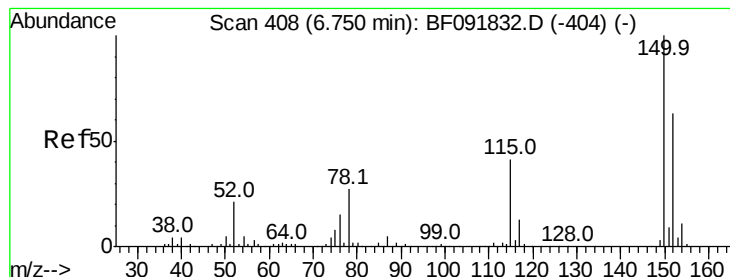
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

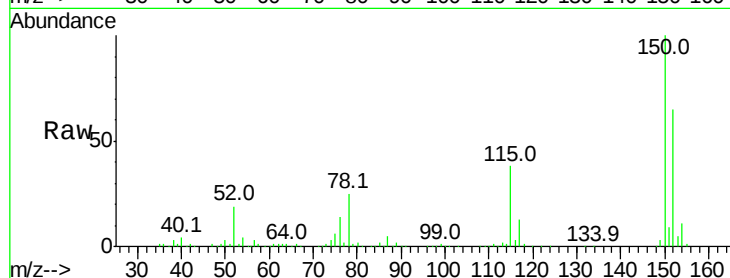
Tot Ion:152 Resp: 334535

Ion Ratio Lower Upper

152 100

150 154.7 124.9 187.3

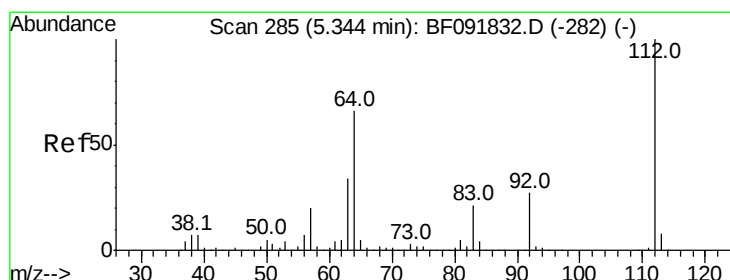
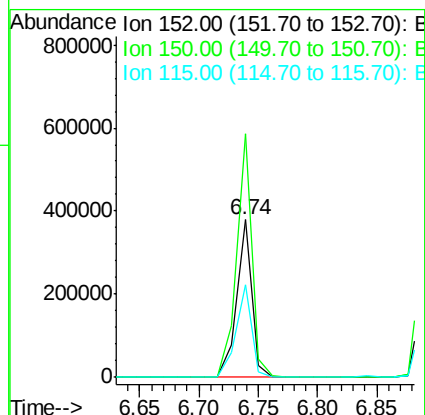
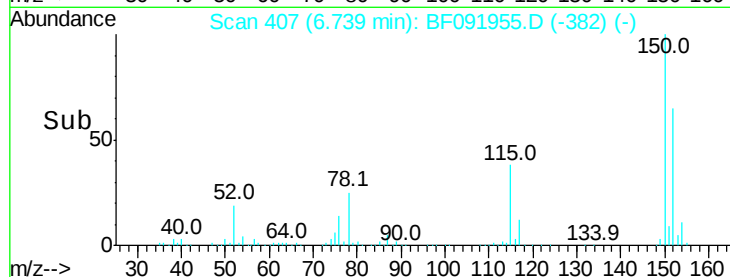
115 59.2 46.0 69.0



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: 13.91 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

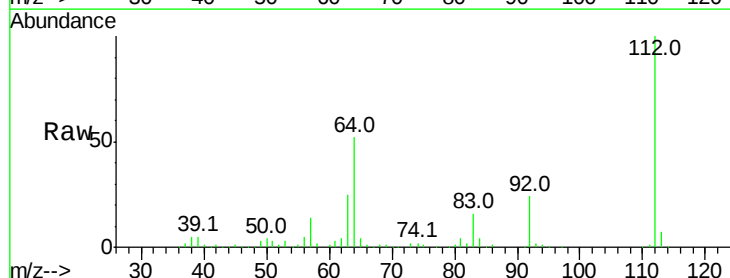
Tgt Ion:112 Resp: 278625

Ion Ratio Lower Upper

112 100

64 51.9 46.1 69.1

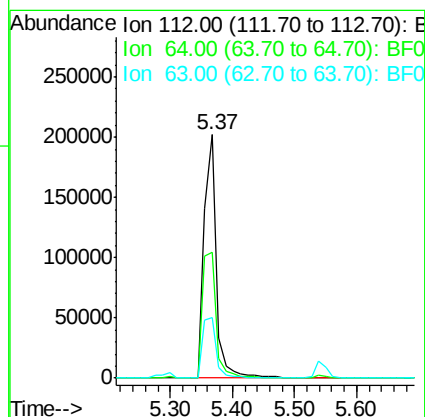
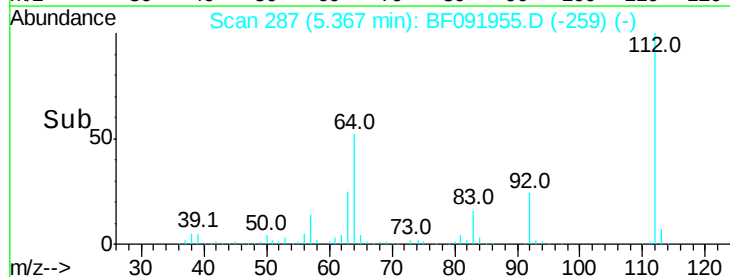
63 25.0 23.8 35.6



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: 9.23 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampled :

MW-15DL

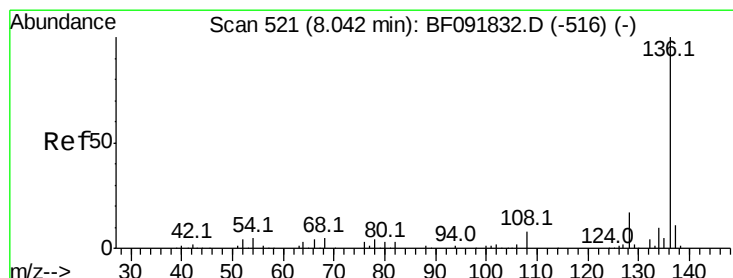
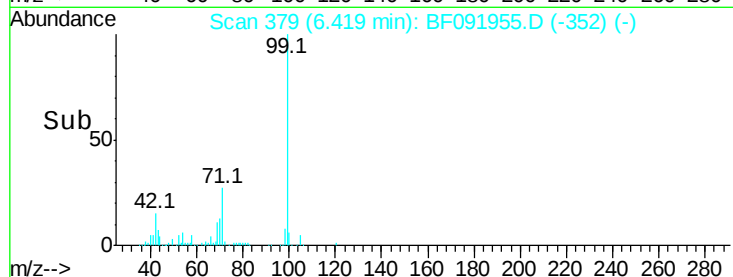
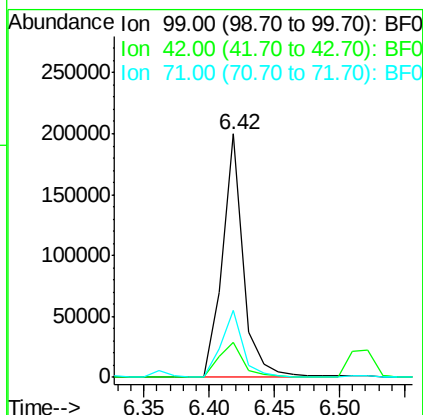
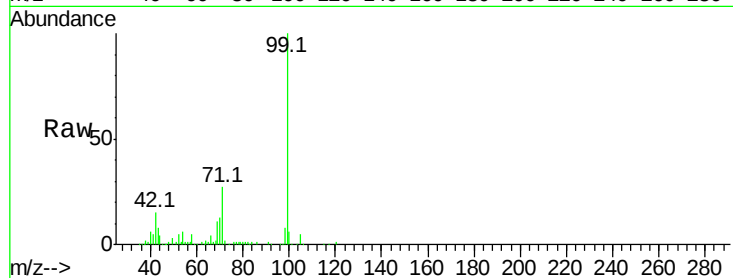
Tot Ion: 99 Resp: 225802

Ion Ratio Lower Upper

99 100

42 14.6 15.6 23.4#

71 27.3 27.5 41.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Tgt Ion: 136 Resp: 1244315

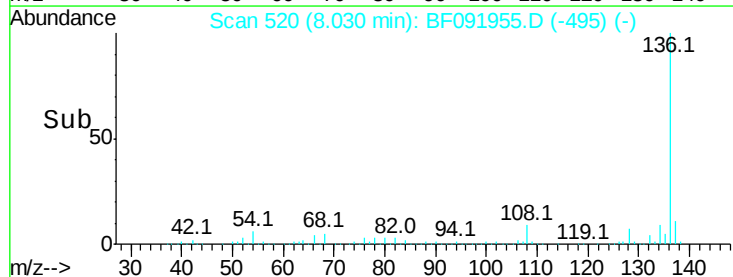
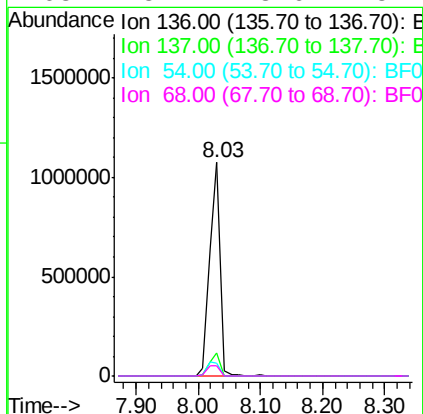
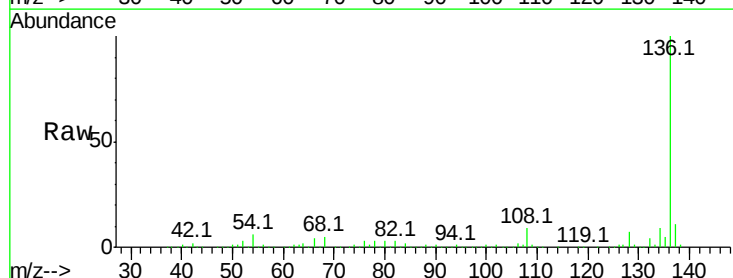
Ion Ratio Lower Upper

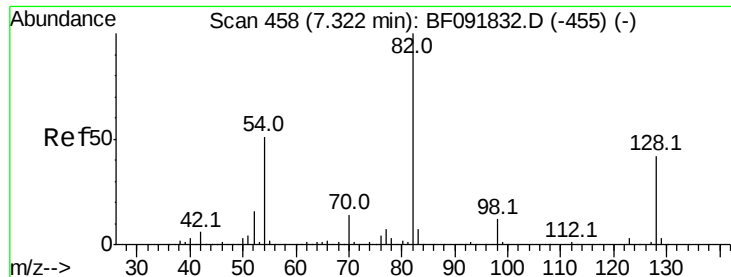
136 100

137 11.1 8.4 12.6

54 6.0 4.5 6.7

68 5.1 3.6 5.4

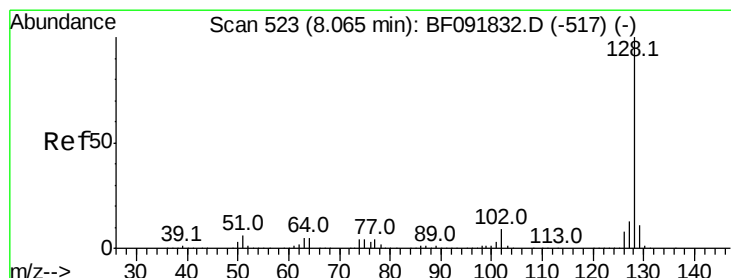
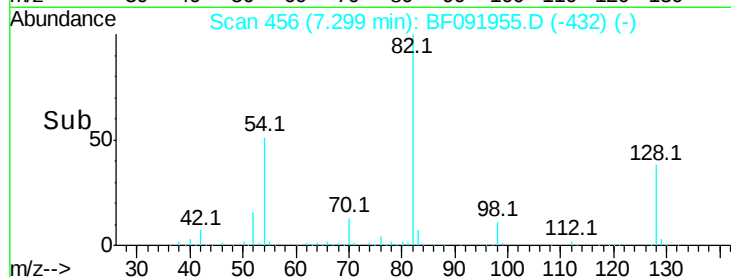
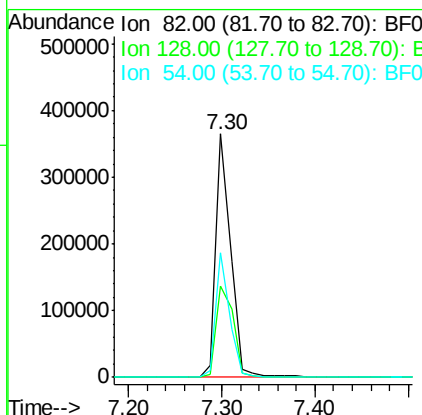
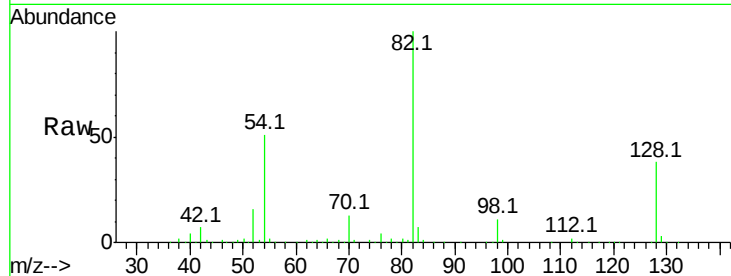




#23
 Nitrobenzene-d5
 Concen: 18.03 ng
 RT: 7.30 min Scan# 456
 Delta R.T. -0.02 min
 Lab File: BF091955.D
 Acq: 24 Dec 2016 6:55

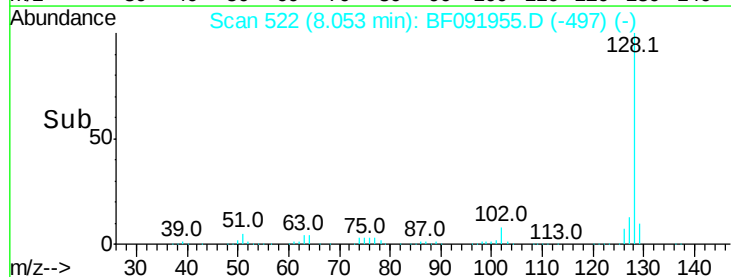
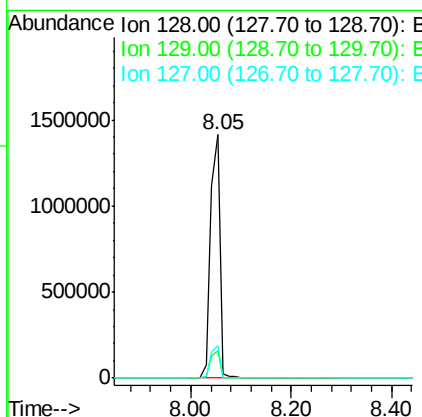
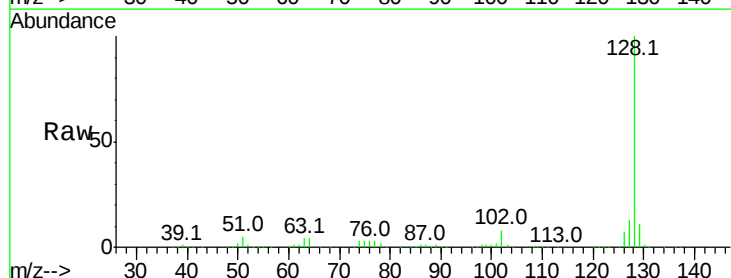
Instrument :
 BNA_F
 ClientSampleID :
 MW-15DL

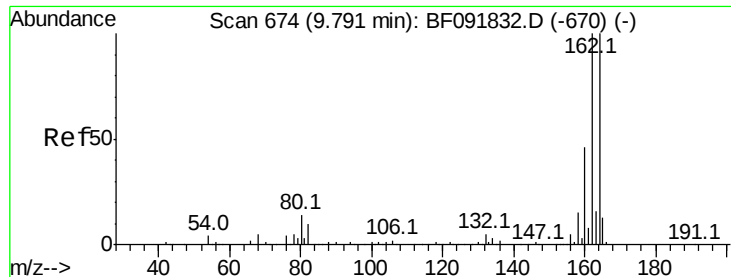
Tot Ion: 82 Resp: 403492
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.6 52.0
 54 51.1 39.5 59.3



#31
 Naphthalene
 Concen: 32.25 ng
 RT: 8.05 min Scan# 522
 Delta R.T. -0.01 min
 Lab File: BF091955.D
 Acq: 24 Dec 2016 6:55

Tgt Ion:128 Resp: 1836493
 Ion Ratio Lower Upper
 128 100
 129 11.0 9.5 14.3
 127 13.3 10.8 16.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

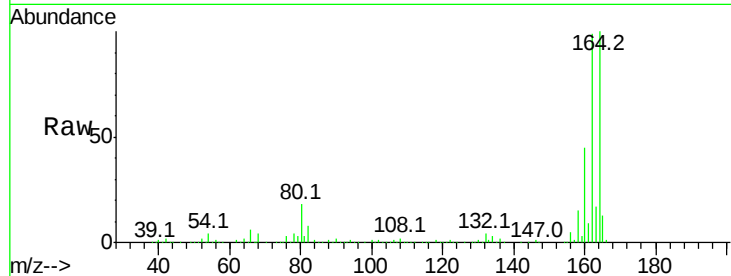
Tot Ion:164 Resp: 691700

Ion Ratio Lower Upper

164 100

162 99.1 80.2 120.2

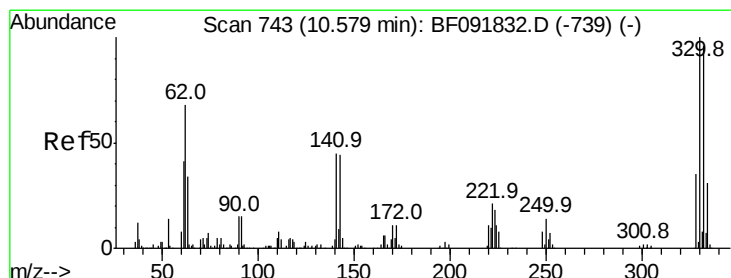
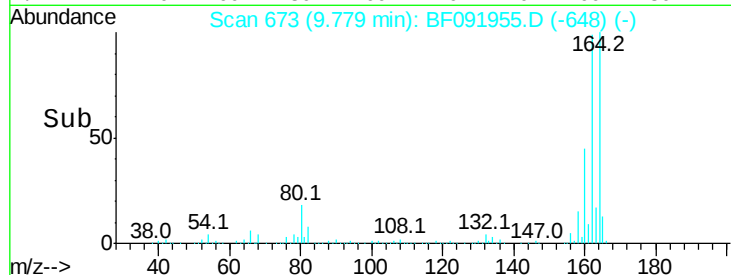
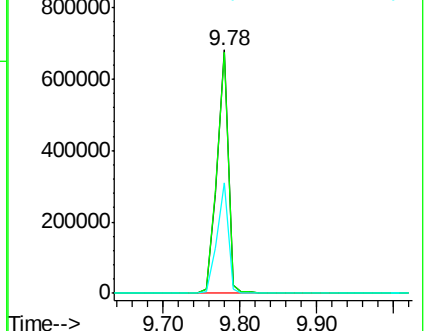
160 45.1 36.9 55.3



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: 25.05 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

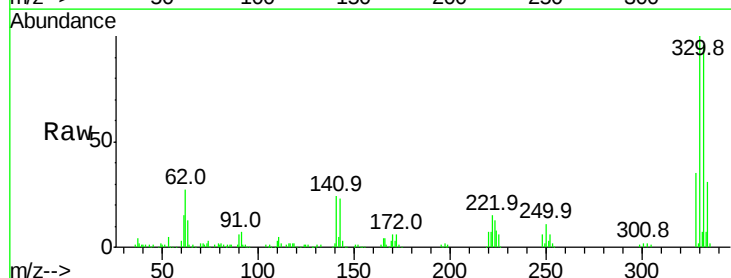
Tgt Ion:330 Resp: 143405

Ion Ratio Lower Upper

330 100

332 96.2 77.4 116.2

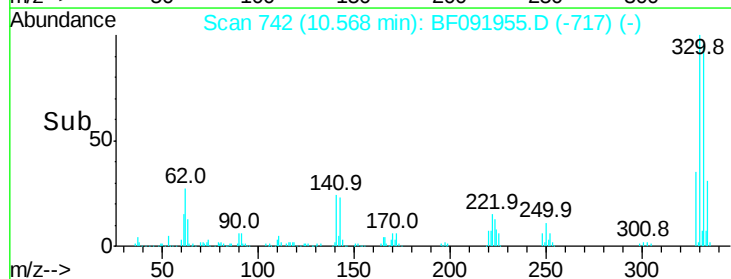
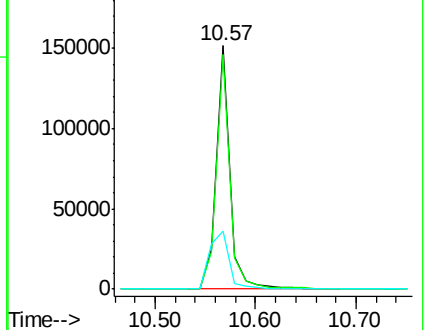
141 34.3 34.1 51.1



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

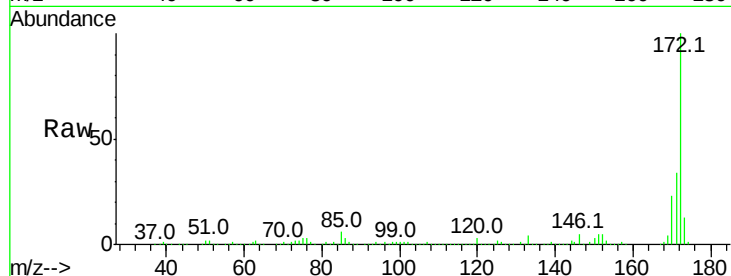




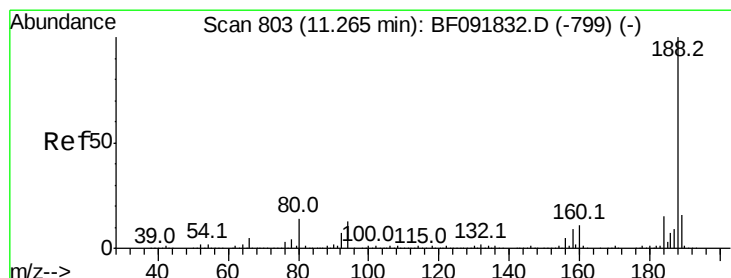
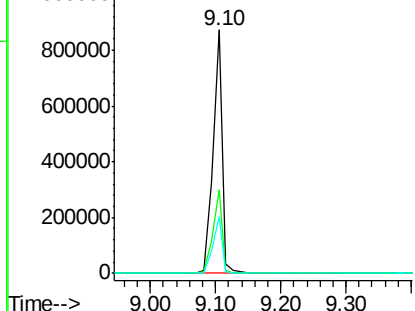
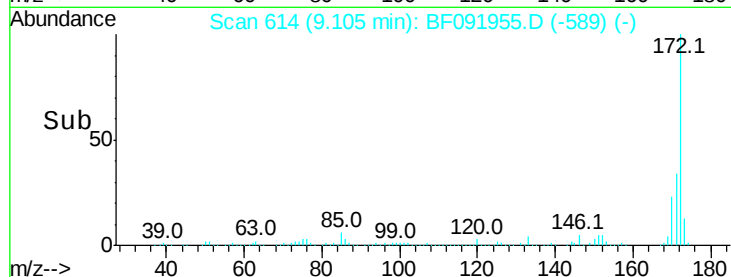
#44
2-Fluorobiphenyl
Concen: 15.34 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Instrument :
BNA_F
ClientSampleId :
MW-15DL

Tot Ion:172 Resp: 874708
Ion Ratio Lower Upper
172 100
171 34.3 29.4 44.0
170 23.2 20.2 30.4

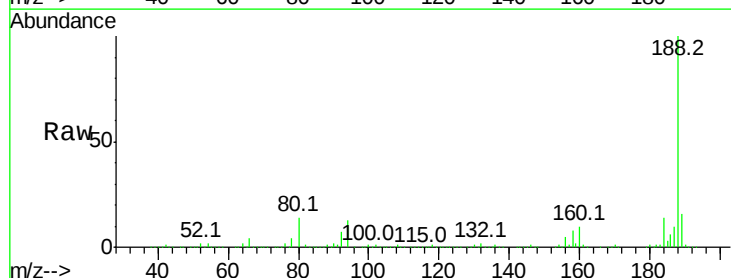


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

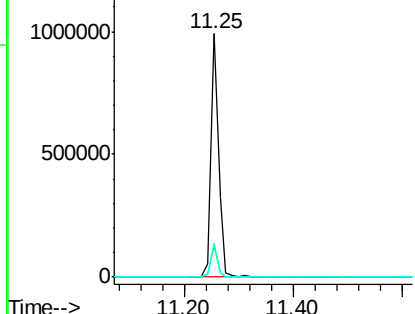
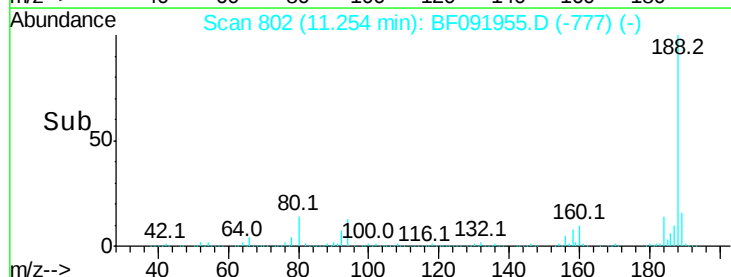


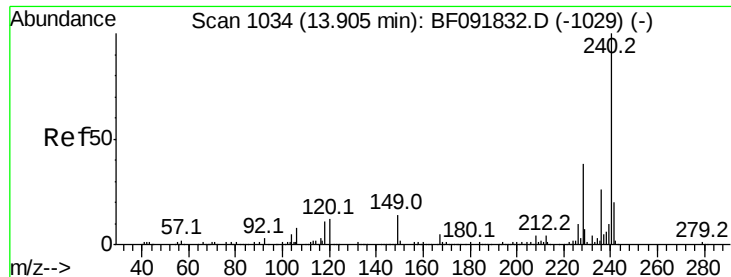
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091955.D
Acq: 24 Dec 2016 6:55

Tgt Ion:188 Resp: 969401
Ion Ratio Lower Upper
188 100
94 12.8 10.0 15.0
80 14.1 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: BF091955.D

Acq: 24 Dec 2016 6:55

Instrument :

BNA_F

ClientSampleId :

MW-15DL

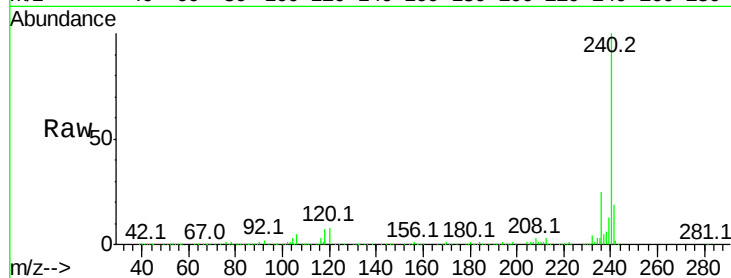
Tot Ion:240 Resp: 703610

Ion Ratio Lower Upper

240 100

120 8.4 12.9 19.3#

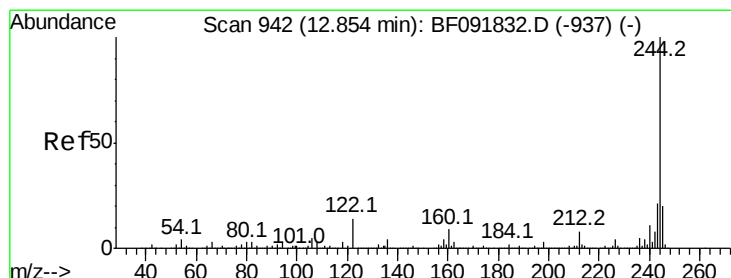
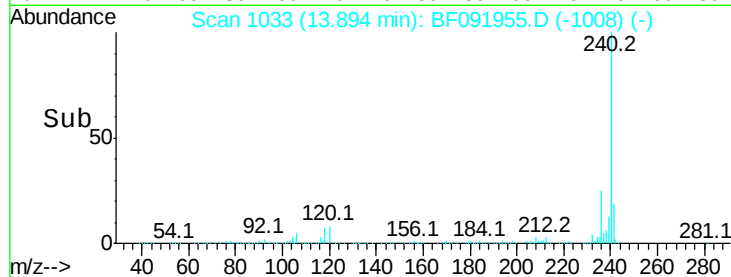
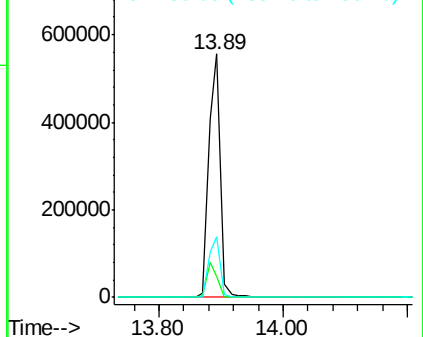
236 25.1 20.9 31.3



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: 19.04 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091955.D

Acq: 24 Dec 2016 6:55

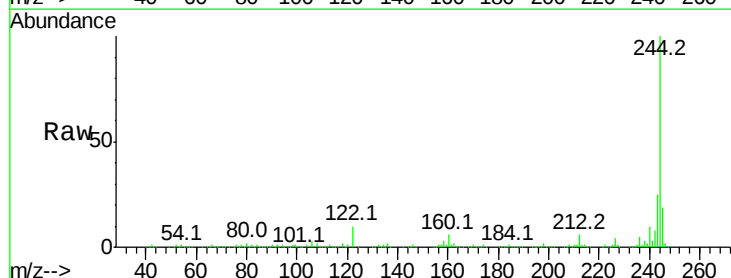
Tgt Ion:244 Resp: 552398

Ion Ratio Lower Upper

244 100

212 6.2 6.2 9.2#

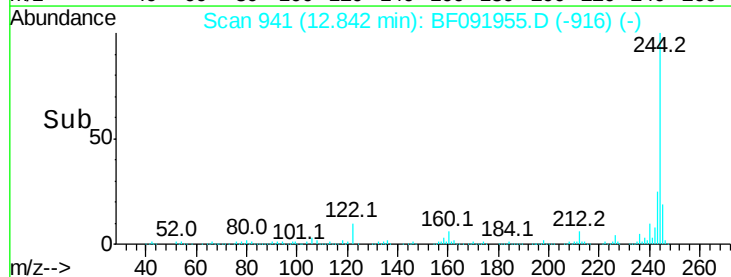
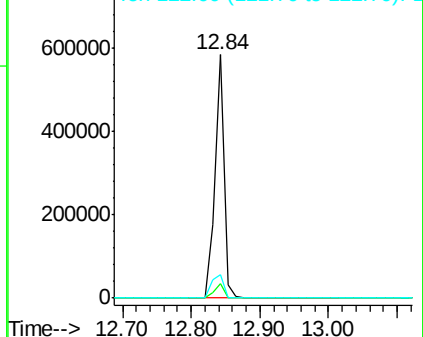
122 9.5 11.4 17.2#

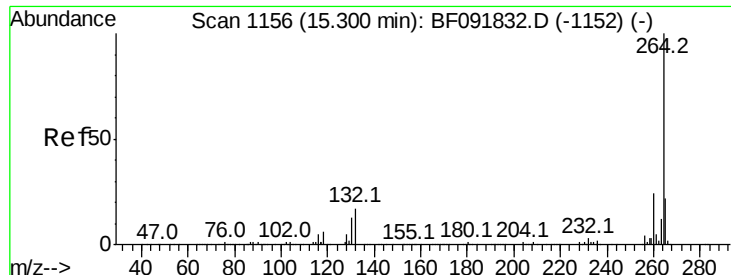


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

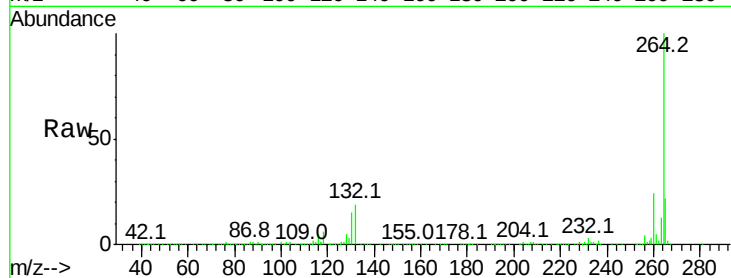




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091955.D
 Acq: 24 Dec 2016 6:55

Instrument :
 BNA_F
 ClientSampleId :
 MW-15DL

Tot Ion: 264 Resp: 663509
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.9 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

