

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091956.D
 Acq On : 24 Dec 2016 7:22
 Operator : UM/SJ
 Sample : H6156-07DL 250X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14DL

Quant Time: Dec 24 23:38:49 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 23:34:38 2016
 Response via : Initial Calibration

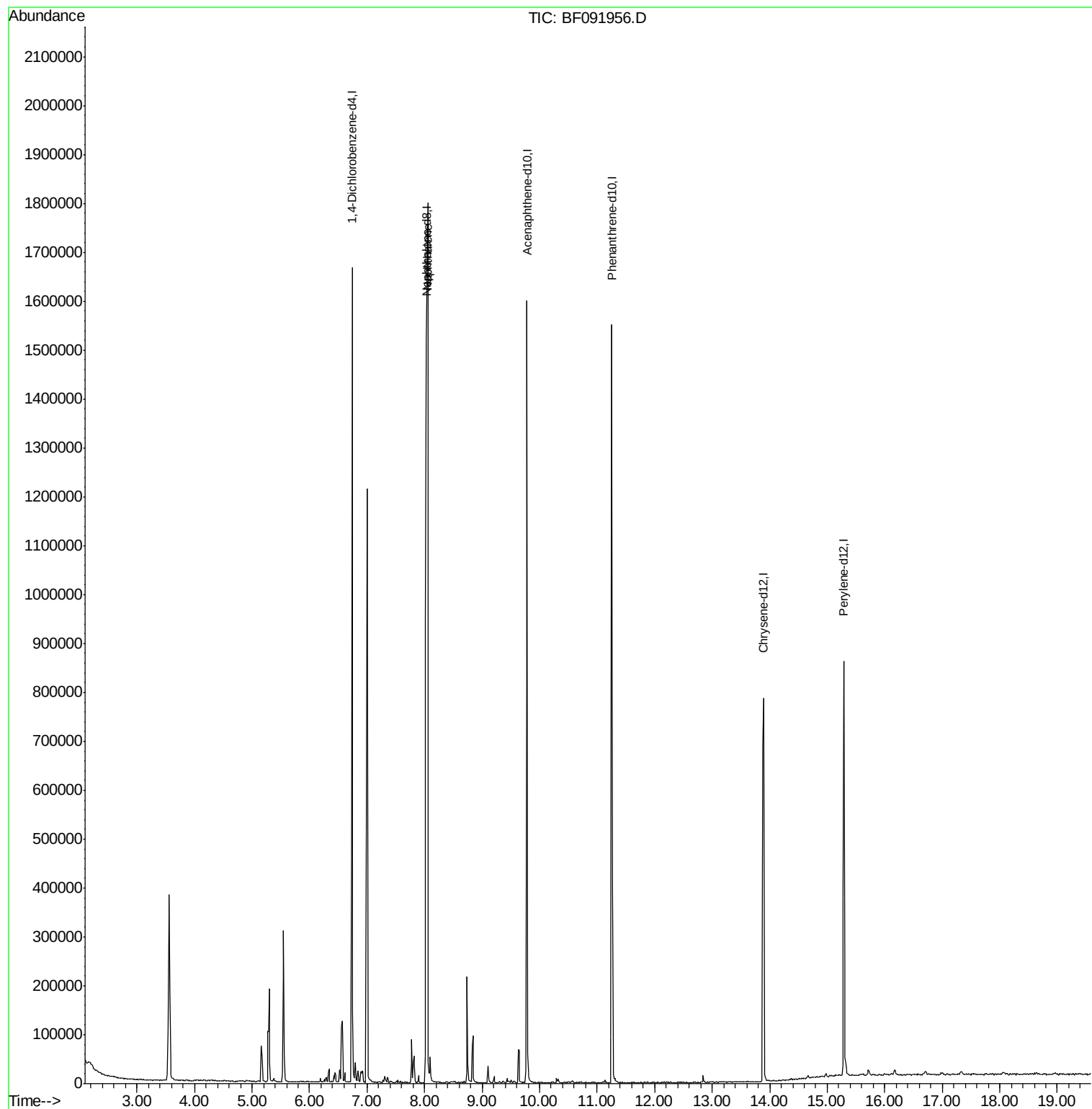
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	269046	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	865471	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	424907	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	590505	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	407028	20.00	ng	-0.01
86) Perylene-d12	15.29	264	390802	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	3959	0.25	ng	0.03
7) Phenol-d6	6.43	99	2845	0.14	ng	0.02
23) Nitrobenzene-d5	7.31	82	5759	0.37	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	1637	0.47	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	14457	0.65	ng	-0.01
78) Terphenyl-d14	12.84	244	7077	0.42	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	1258883	31.78	ng	Qvalue 98

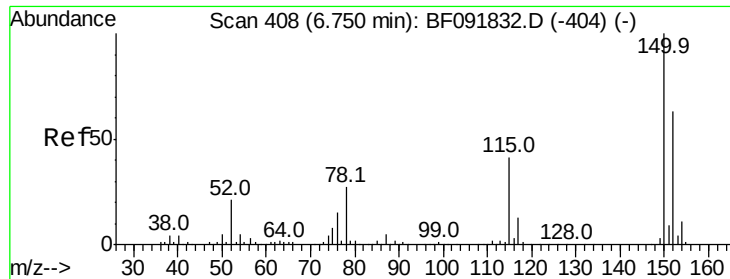
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091956.D

Acq: 24 Dec 2016 7:22

Instrument :

BNA_F

ClientSampleId :

MW-14DL

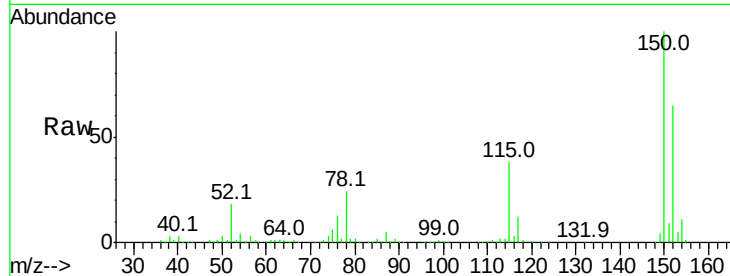
Tot Ion:152 Resp: 269046

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

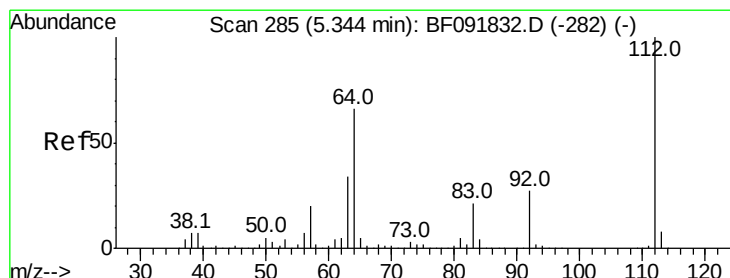
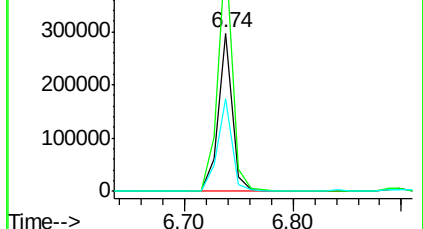
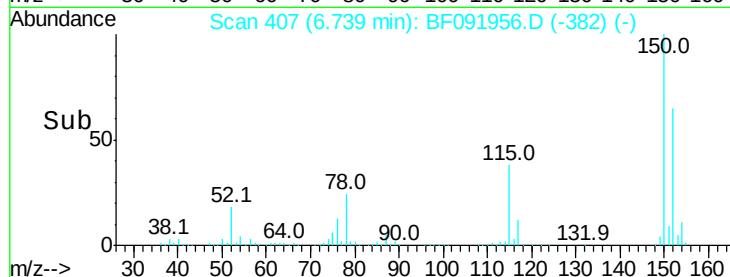
115 58.6 46.0 69.0



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: 0.25 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.03 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

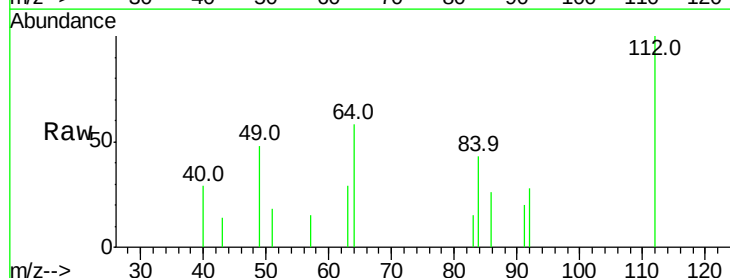
Tgt Ion:112 Resp: 3959

Ion Ratio Lower Upper

112 100

64 57.6 46.1 69.1

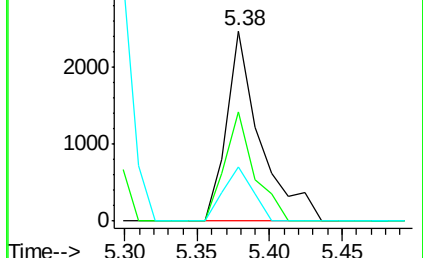
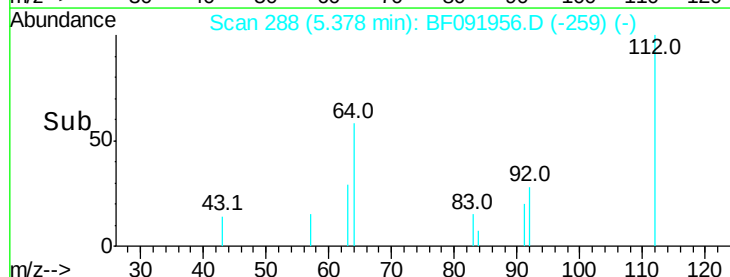
63 28.8 23.8 35.6

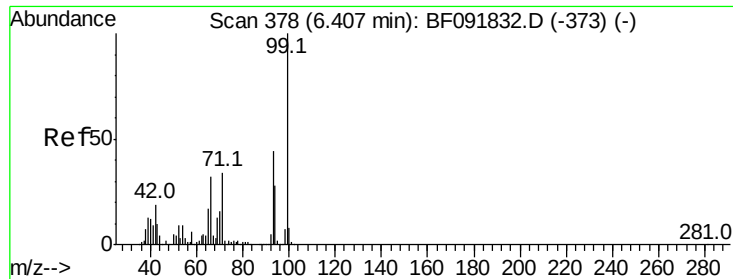


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.14 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.02 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

Instrument :

BNA_F

ClientSampleId :

MW-14DL

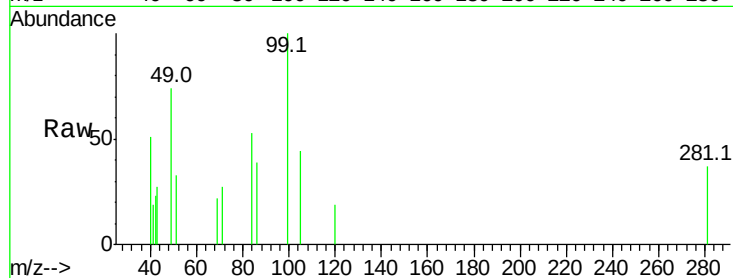
Tot Ion: 99 Resp: 2845

Ion Ratio Lower Upper

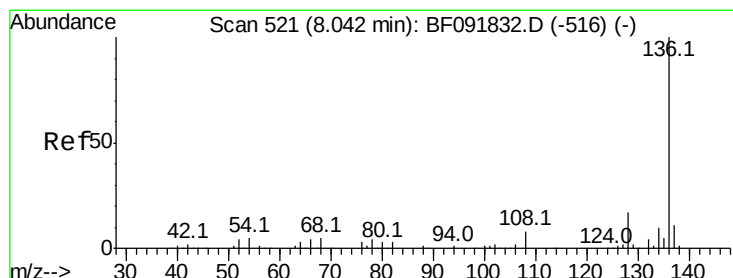
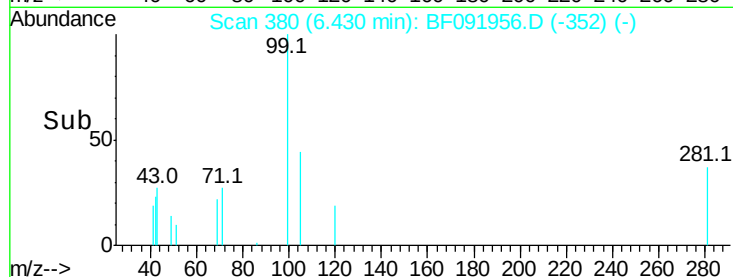
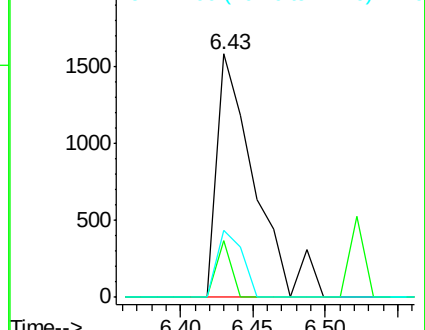
99 100

42 23.0 15.6 23.4

71 27.3 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: BF091956.D

Acq: 24 Dec 2016 7:22

Tgt Ion: 136 Resp: 865471

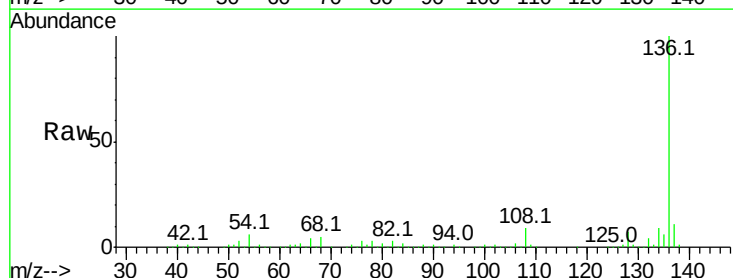
Ion Ratio Lower Upper

136 100

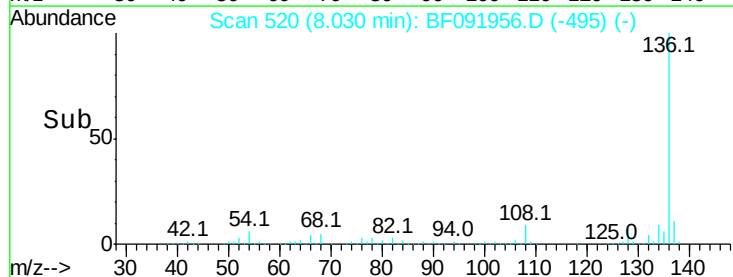
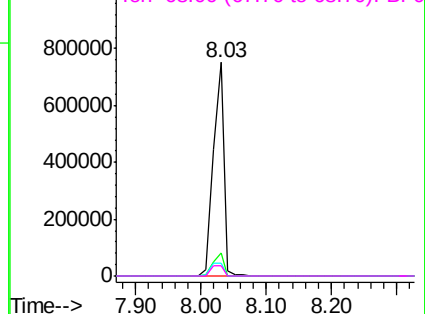
137 10.6 8.4 12.6

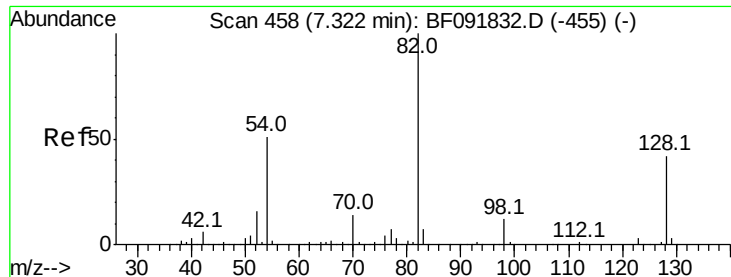
54 5.8 4.5 6.7

68 4.7 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: 0.37 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

Instrument :

BNA_F

ClientSampleId :

MW-14DL

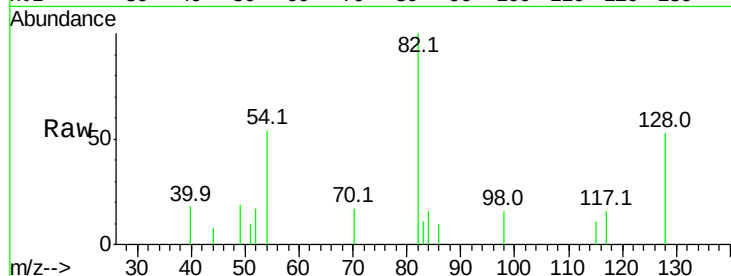
Tot Ion: 82 Resp: 5759

Ion Ratio Lower Upper

82 100

128 52.5 34.6 52.0#

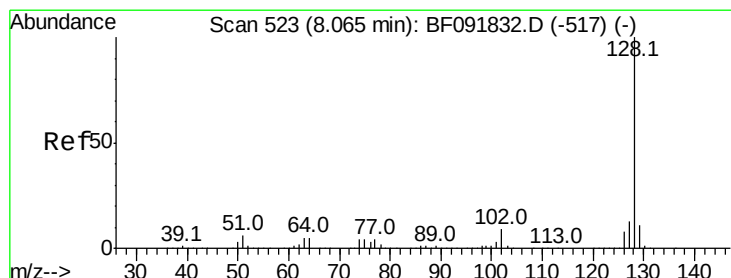
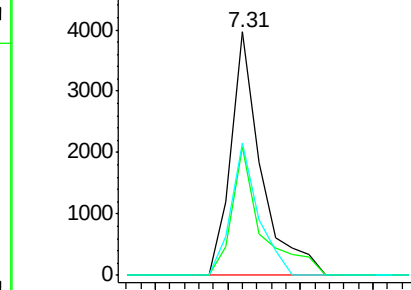
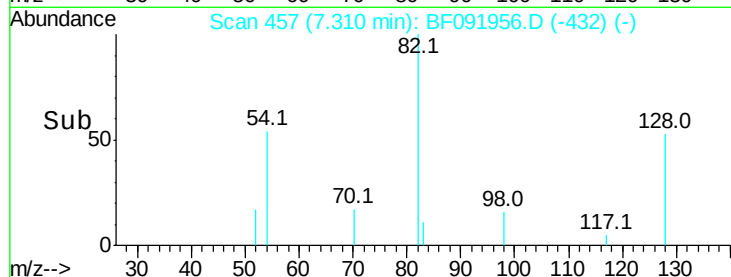
54 54.3 39.5 59.3



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



#31

Naphthalene

Concen: 31.78 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

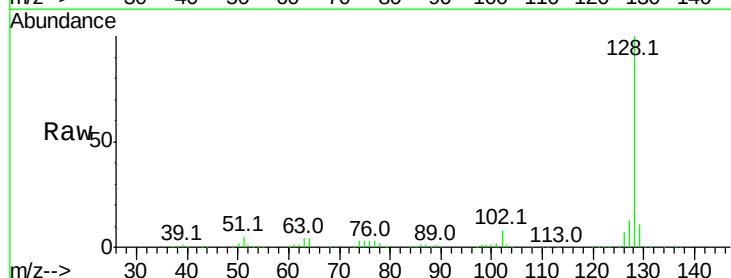
Tgt Ion:128 Resp: 1258883

Ion Ratio Lower Upper

128 100

129 10.6 9.5 14.3

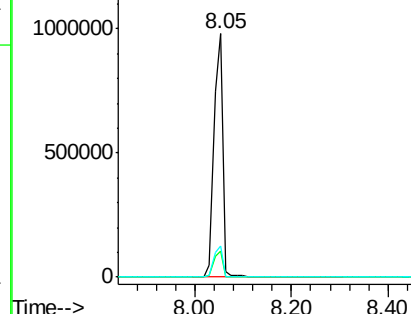
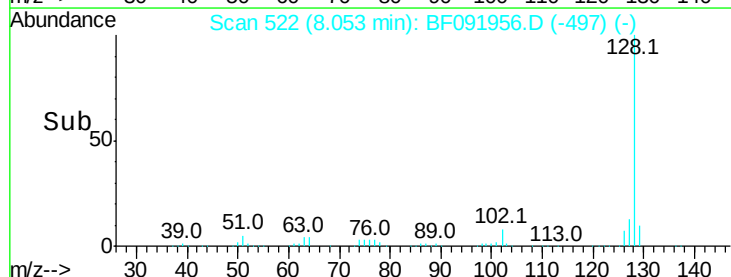
127 13.0 10.8 16.2

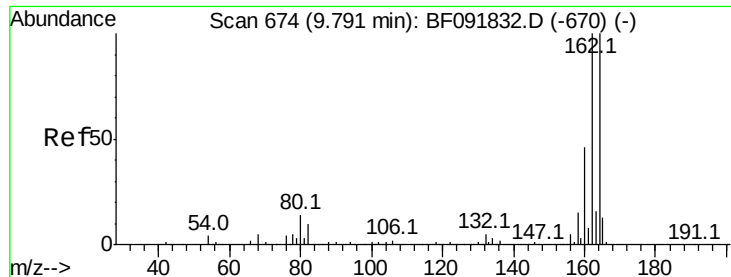


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

Instrument :

BNA_F

ClientSampleId :

MW-14DL

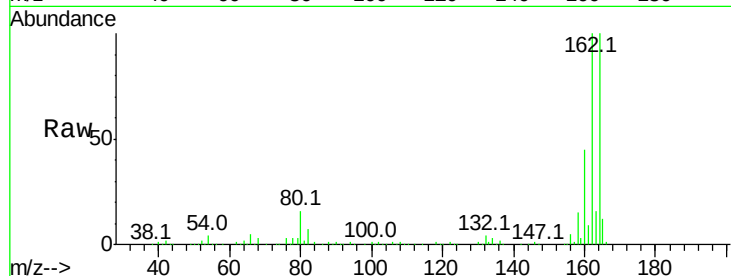
Tot Ion:164 Resp: 424907

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

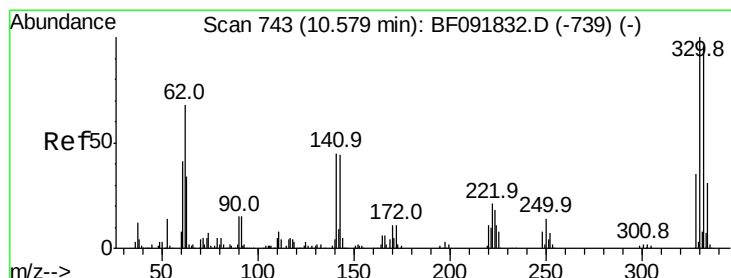
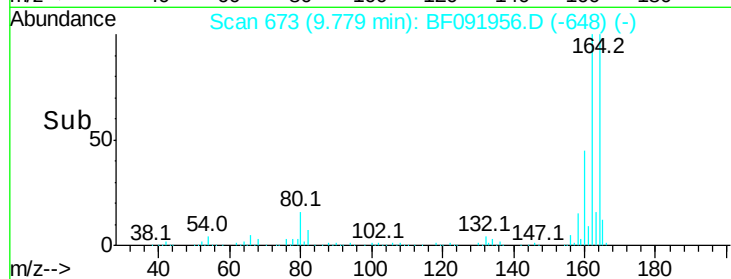
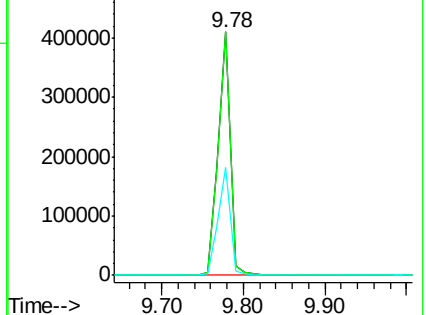
160 44.6 36.9 55.3



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: 0.47 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

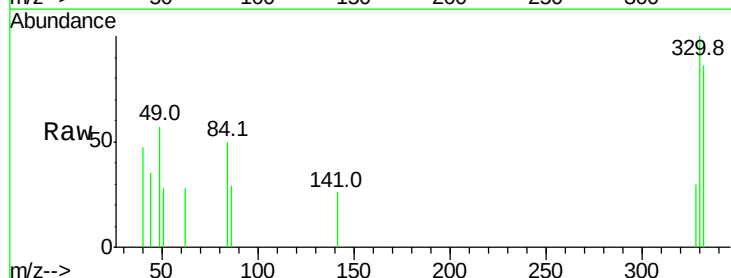
Tgt Ion:330 Resp: 1637

Ion Ratio Lower Upper

330 100

332 71.8 77.4 116.2#

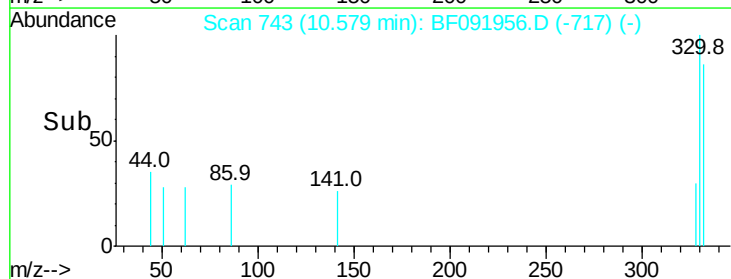
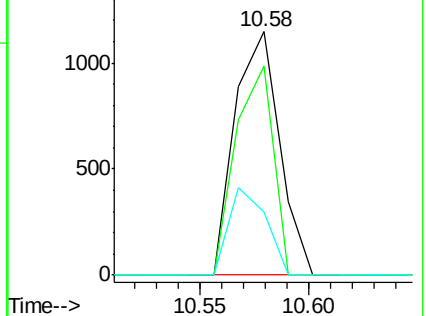
141 29.9 34.1 51.1#

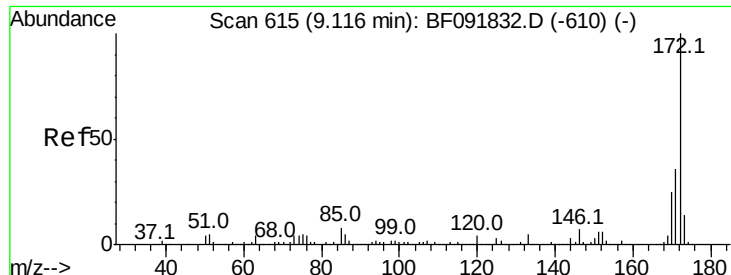


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

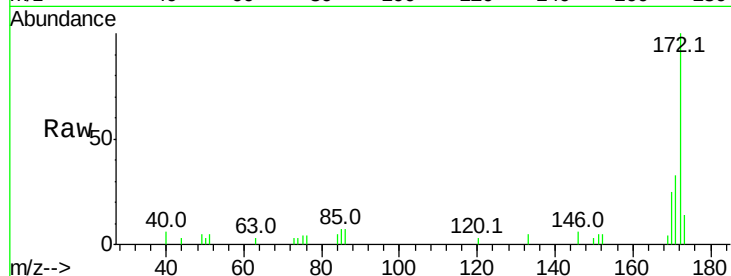




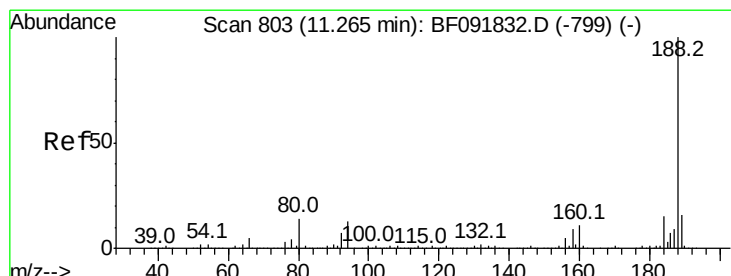
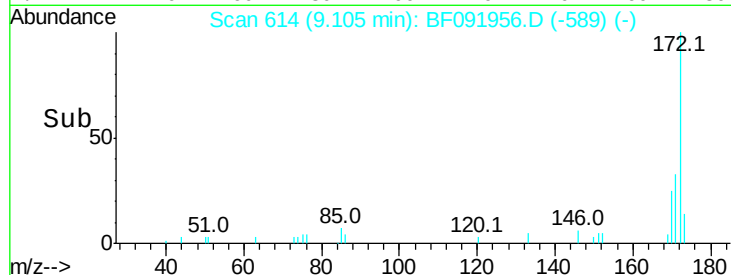
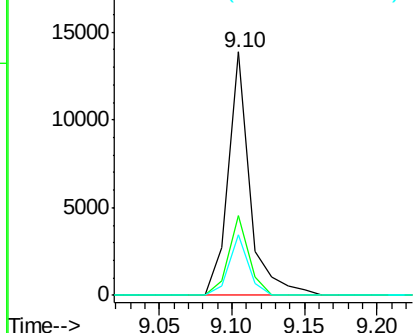
#44
2-Fluorobiphenyl
Concen: 0.65 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091956.D
Acq: 24 Dec 2016 7:22

Instrument :
BNA_F
ClientSampleId :
MW-14DL

Tot Ion:172 Resp: 14457
Ion Ratio Lower Upper
172 100
171 33.0 29.4 44.0
170 25.1 20.2 30.4

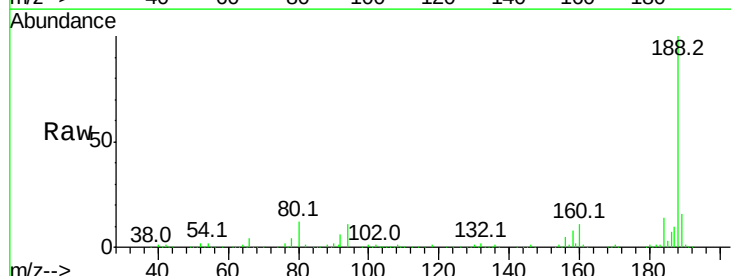


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

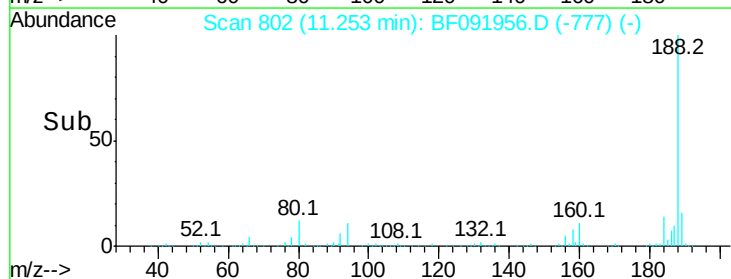
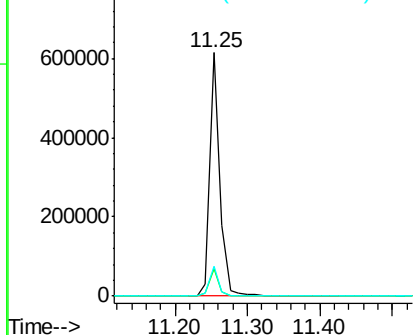


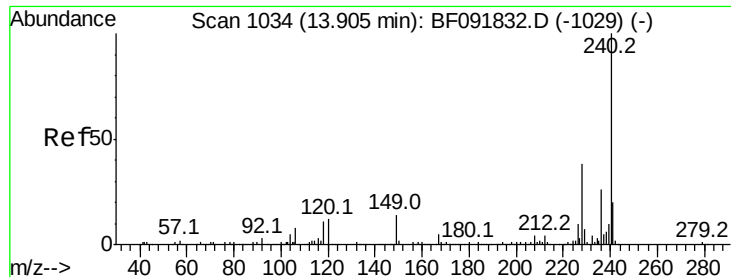
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091956.D
Acq: 24 Dec 2016 7:22

Tgt Ion:188 Resp: 590505
Ion Ratio Lower Upper
188 100
94 11.2 10.0 15.0
80 12.3 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: BF091956.D

Acq: 24 Dec 2016 7:22

Instrument :

BNA_F

ClientSampleId :

MW-14DL

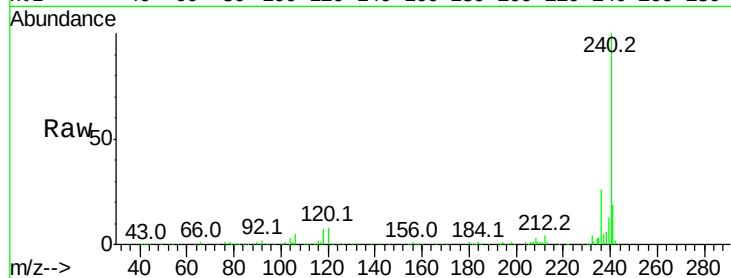
Tot Ion:240 Resp: 407028

Ion Ratio Lower Upper

240 100

120 7.7 12.9 19.3#

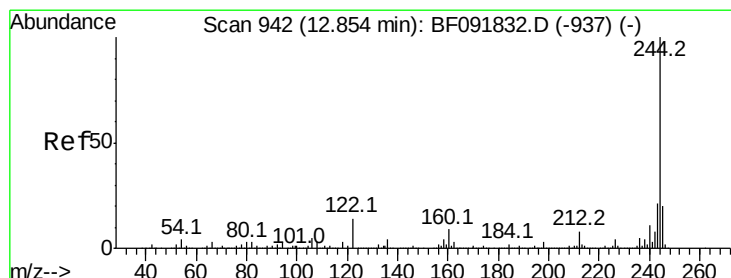
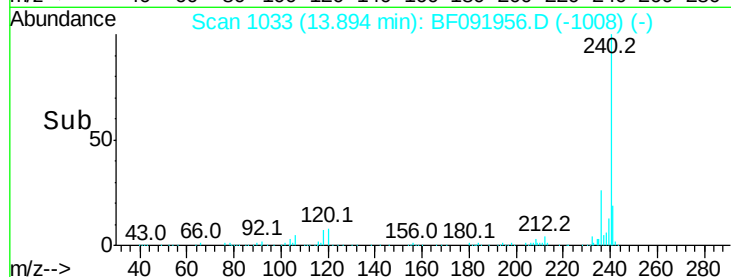
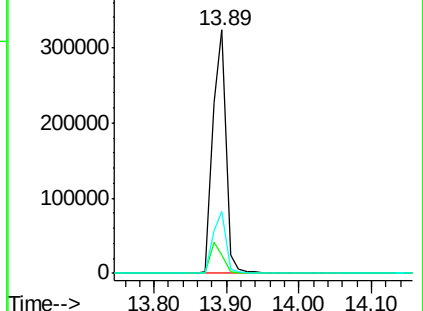
236 25.5 20.9 31.3



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: 0.42 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091956.D

Acq: 24 Dec 2016 7:22

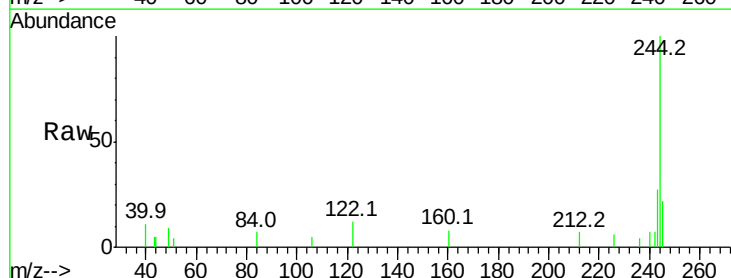
Tgt Ion:244 Resp: 7077

Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

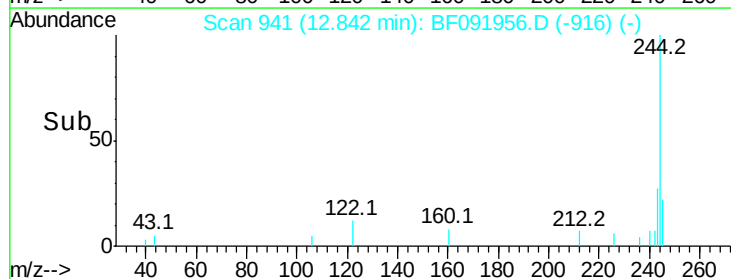
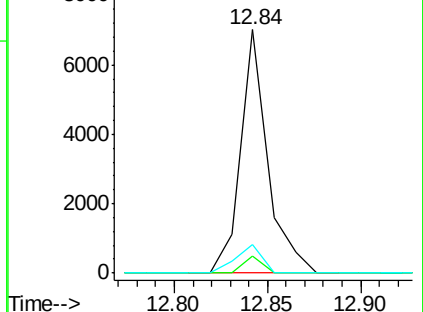
122 11.8 11.4 17.2

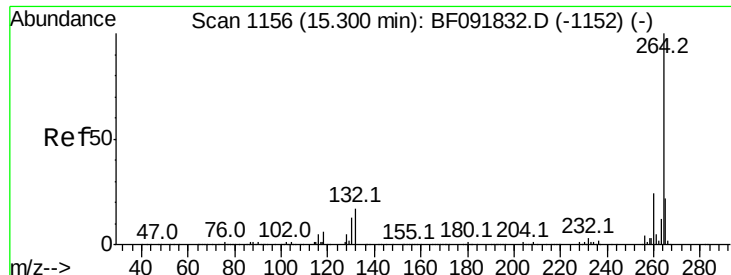


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091956.D

Acq: 24 Dec 2016 7:22

Instrument :

BNA_F

ClientSampleId :

MW-14DL

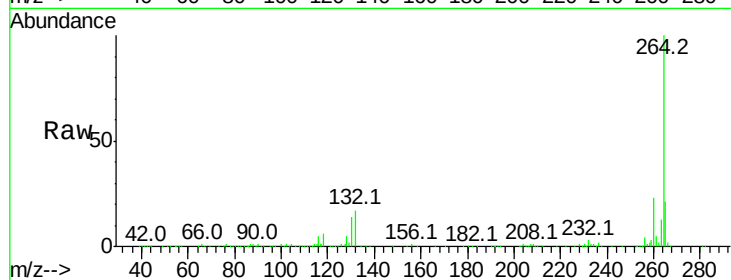
Tot Ion:264 Resp: 390802

Ion Ratio Lower Upper

264 100

260 23.1 19.2 28.8

265 21.3 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

