

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091958.D
 Acq On : 24 Dec 2016 8:16
 Operator : UM/SJ
 Sample : H6156-09DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18DL

Quant Time: Dec 24 23:48:53 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

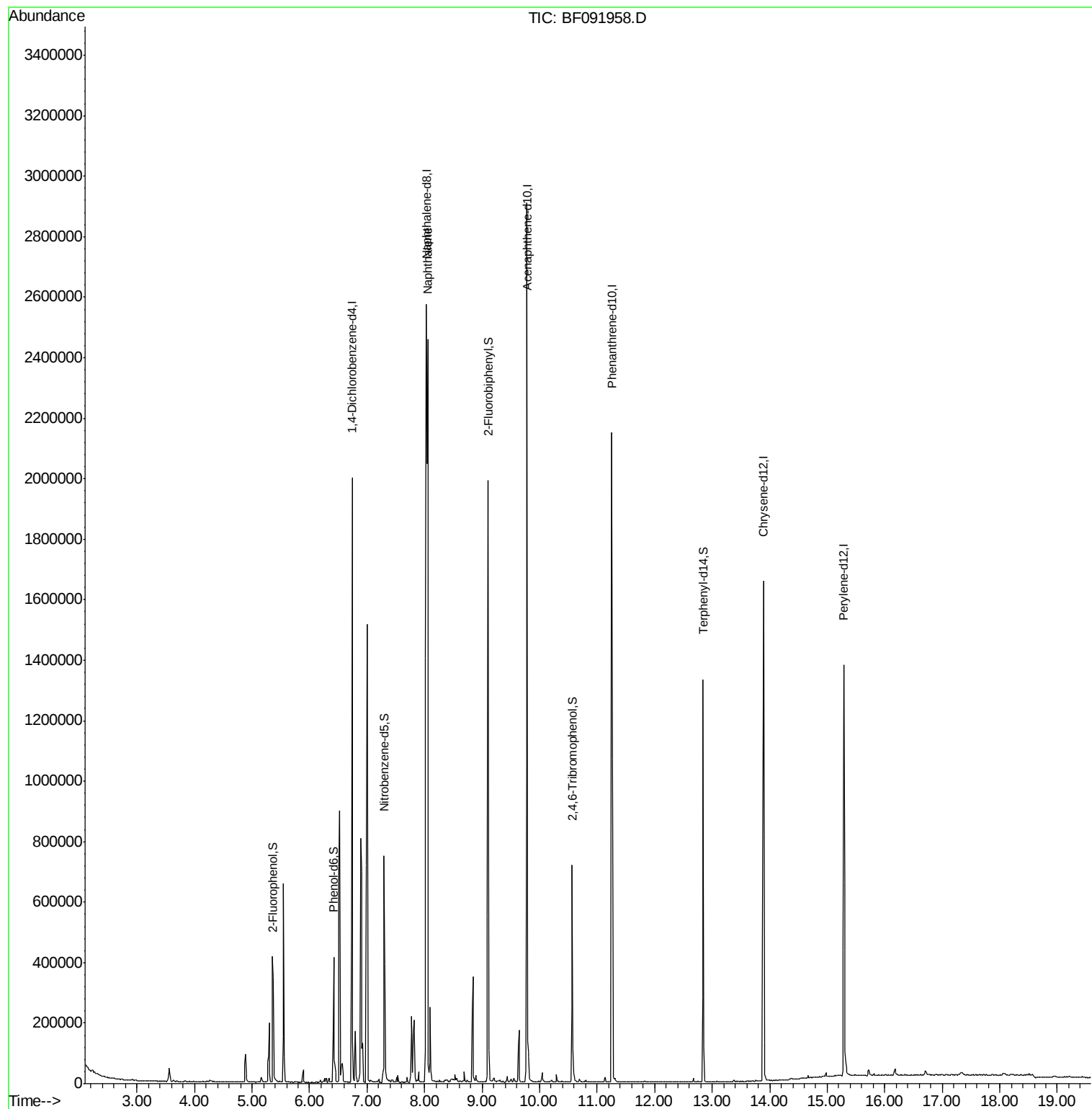
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	308200	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	1390667	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	689667	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	934833	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	671726	20.00	ng	-0.01
86) Perylene-d12	15.29	264	642395	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	181967	9.86	ng	0.02
7) Phenol-d6	6.42	99	138545	6.15	ng	0.01
23) Nitrobenzene-d5	7.30	82	299561	11.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	101061	17.71	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	663756	8.04	ng	-0.01
78) Terphenyl-d14	12.84	244	416690	15.04	ng	-0.01
Target Compounds						
31) Naphthalene	8.05	128	1621230	25.47	ng	Qvalue 98

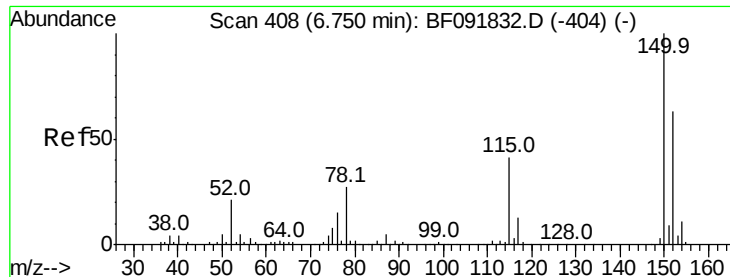
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091958.D

Acq: 24 Dec 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-18DL

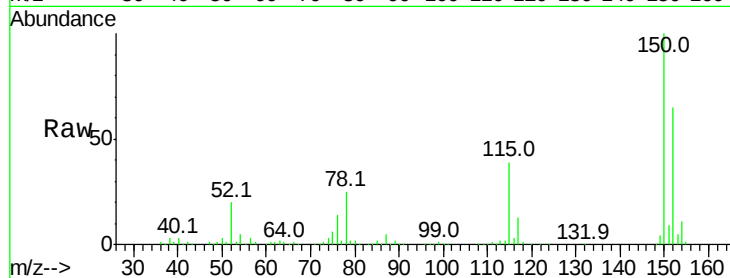
Tot Ion:152 Resp: 308200

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

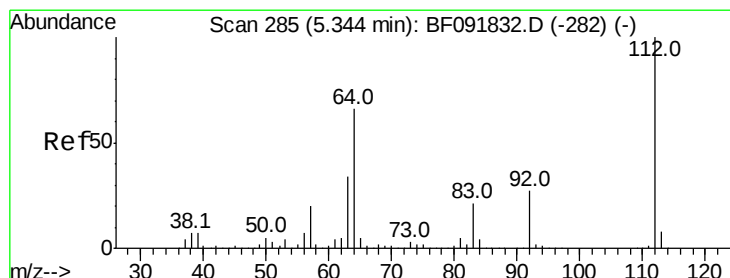
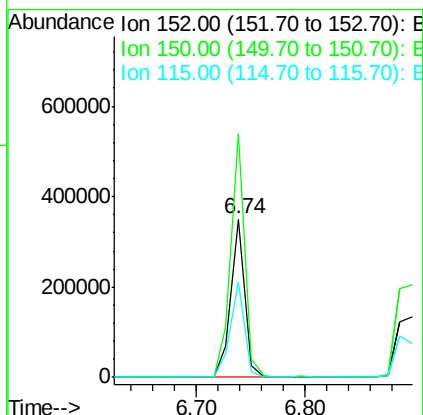
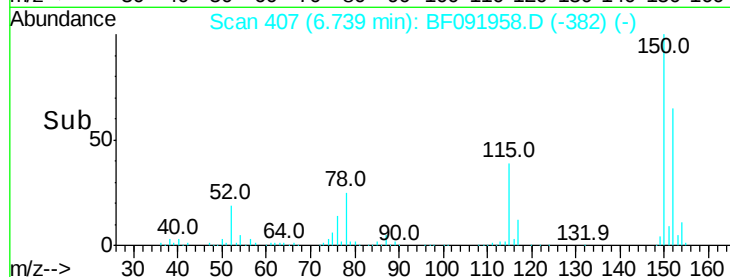
115 60.4 46.0 69.0



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: 9.86 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091958.D

Acq: 24 Dec 2016 8:16

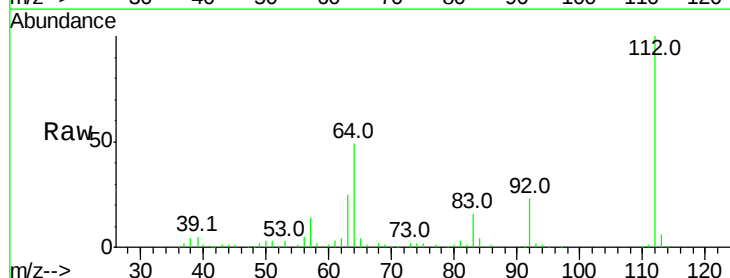
Tgt Ion:112 Resp: 181967

Ion Ratio Lower Upper

112 100

64 49.5 46.1 69.1

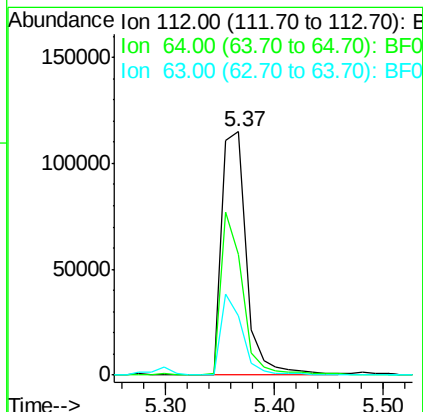
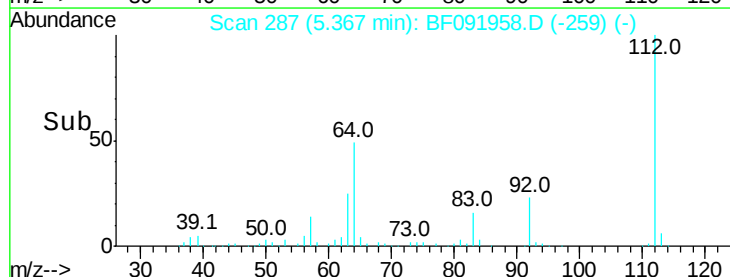
63 24.5 23.8 35.6

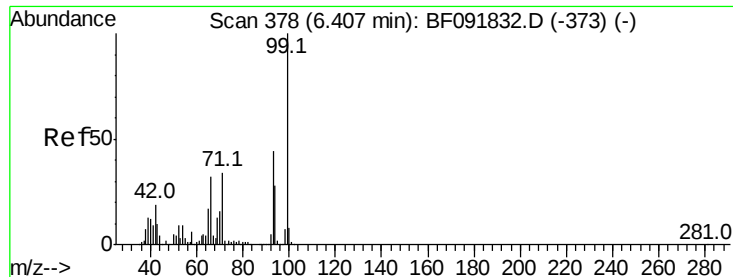


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 6.15 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091958.D

Acq: 24 Dec 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-18DL

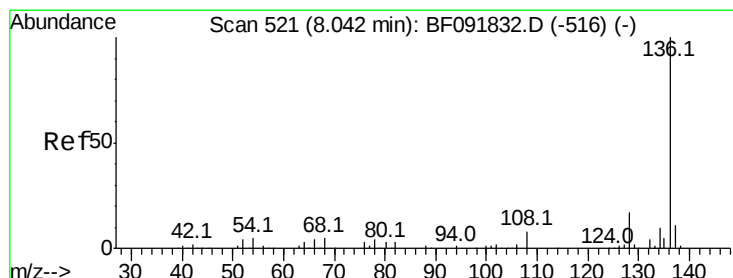
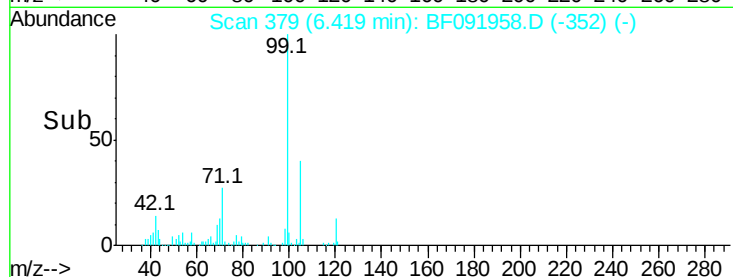
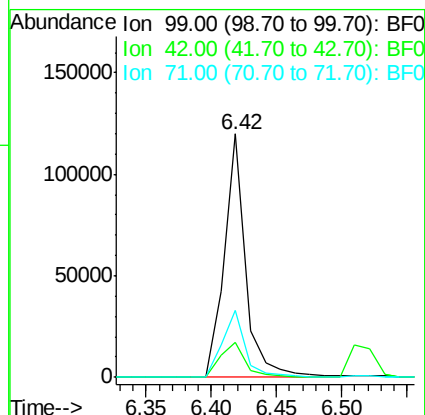
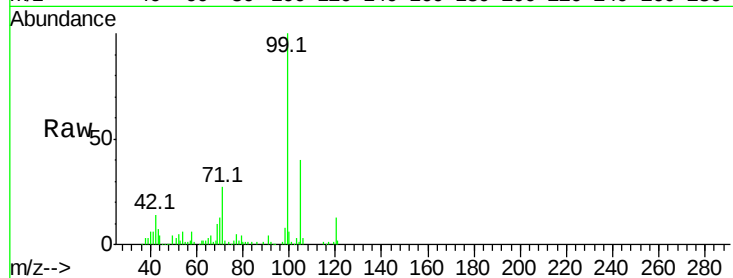
Tot Ion: 99 Resp: 138545

Ion Ratio Lower Upper

99 100

42 14.3 15.6 23.4#

71 27.5 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: BF091958.D

Acq: 24 Dec 2016 8:16

Tgt Ion: 136 Resp: 1390667

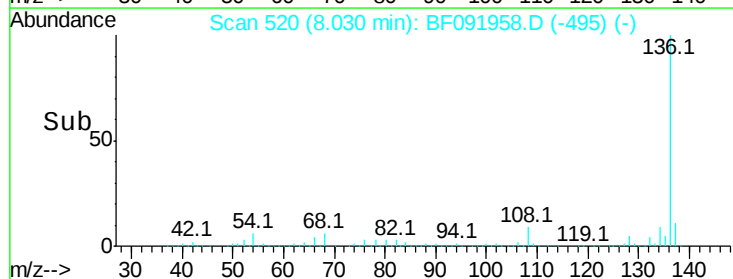
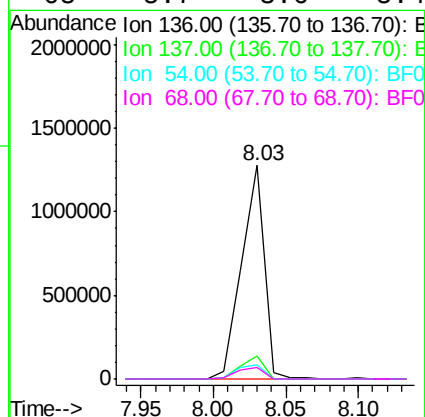
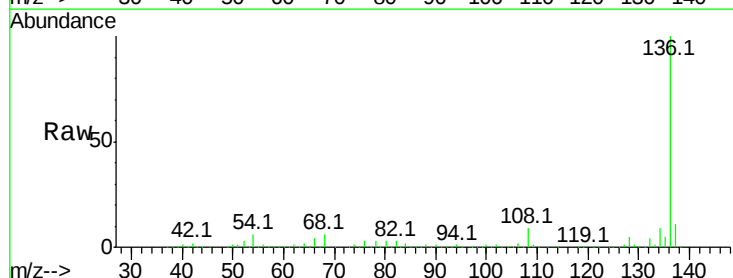
Ion Ratio Lower Upper

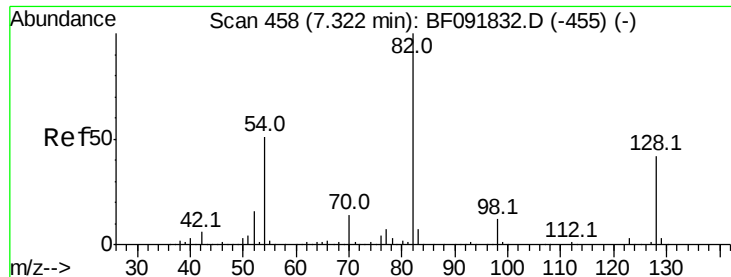
136 100

137 11.0 8.4 12.6

54 6.5 4.5 6.7

68 5.7 3.6 5.4#

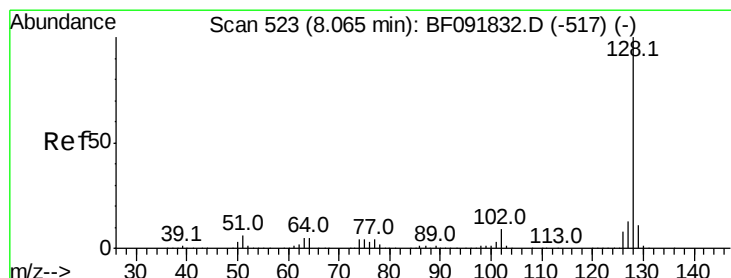
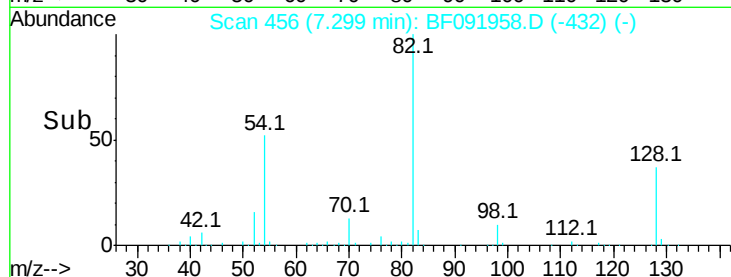
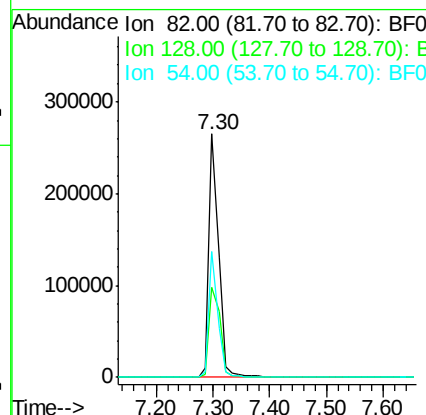
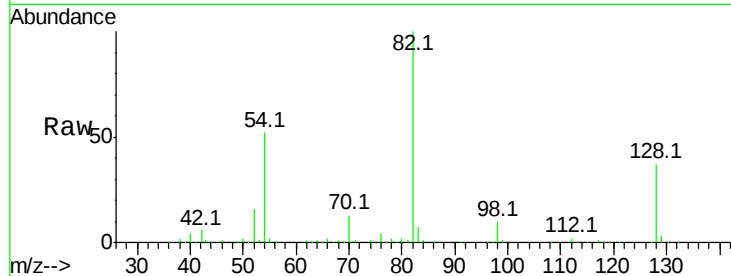




#23
Nitrobenzene-d5
Concen: 11.98 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.02 min
Lab File: BF091958.D
Acq: 24 Dec 2016 8:16

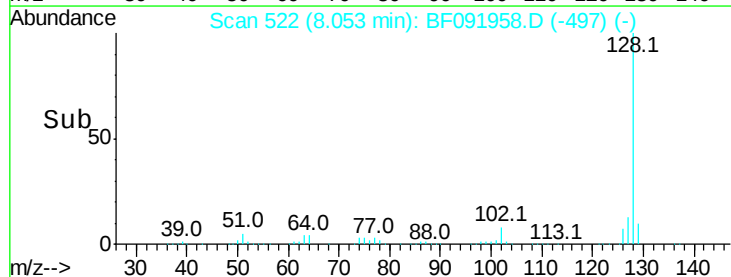
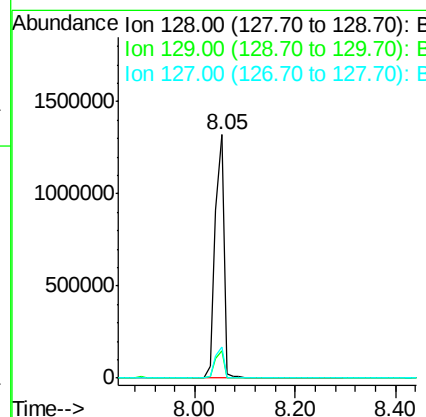
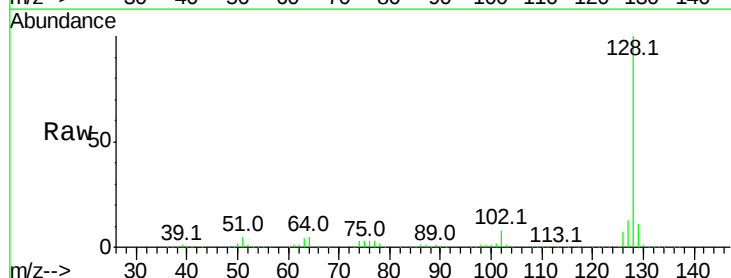
Instrument :
BNA_F
ClientSampleId :
MW-18DL

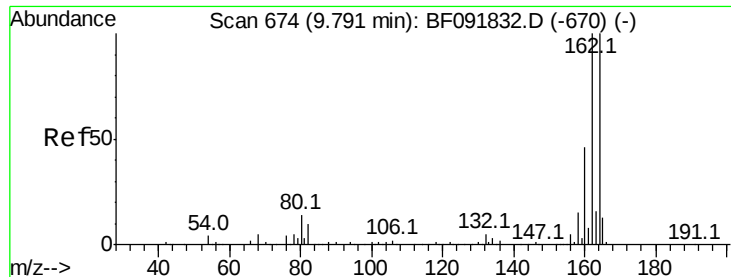
Tot Ion: 82 Resp: 299561
Ion Ratio Lower Upper
82 100
128 37.1 34.6 52.0
54 51.7 39.5 59.3



#31
Naphthalene
Concen: 25.47 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF091958.D
Acq: 24 Dec 2016 8:16

Tgt Ion:128 Resp: 1621230
Ion Ratio Lower Upper
128 100
129 11.0 9.5 14.3
127 12.9 10.8 16.2

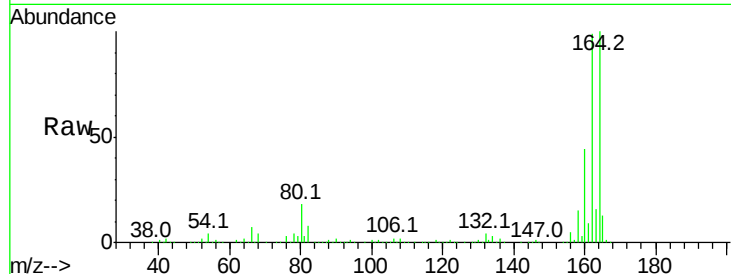




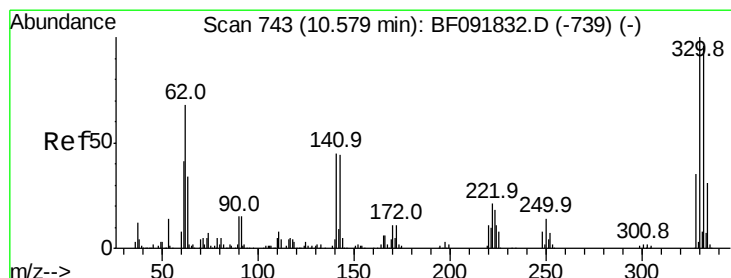
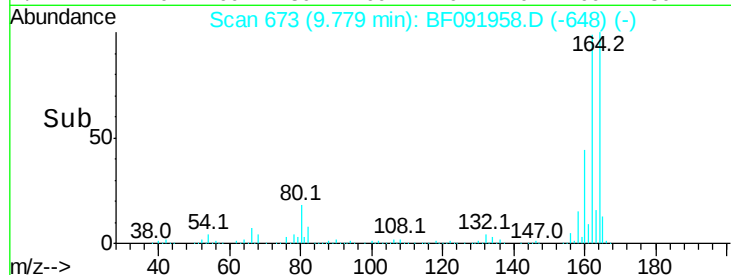
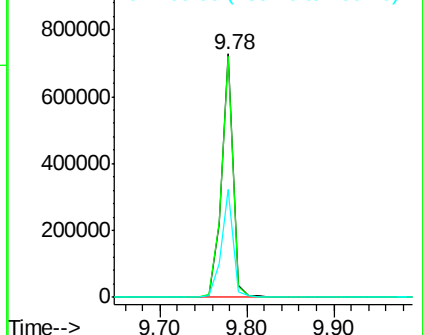
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091958.D
 Acq: 24 Dec 2016 8:16

Instrument :
 BNA_F
 ClientSampleID :
 MW-18DL

Tot Ion:164 Resp: 689667
 Ion Ratio Lower Upper
 164 100
 162 99.2 80.2 120.2
 160 44.4 36.9 55.3

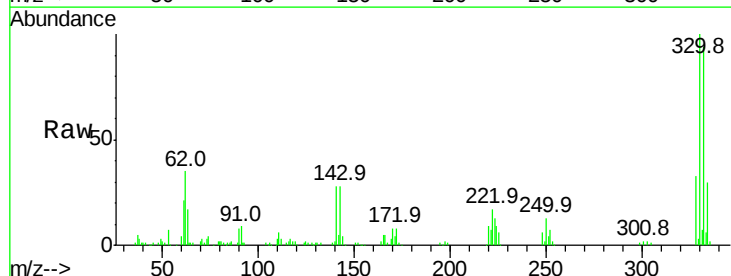


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

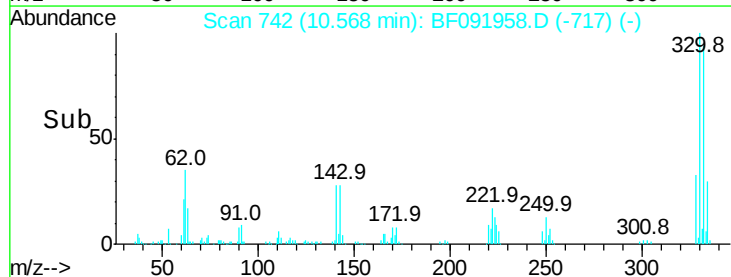
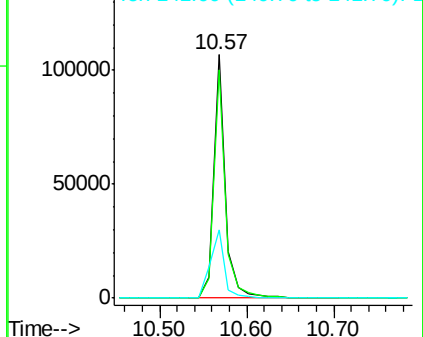


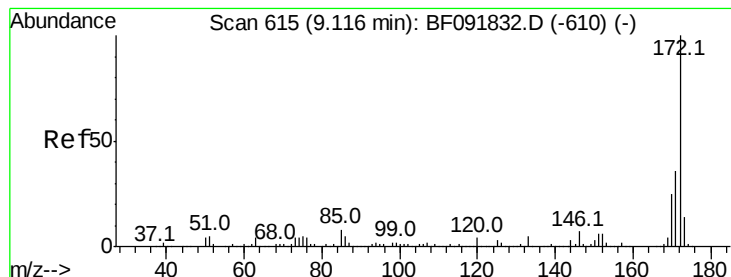
#41
 2,4,6-Tribromophenol
 Concen: 17.71 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091958.D
 Acq: 24 Dec 2016 8:16

Tgt Ion:330 Resp: 101061
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.4 116.2
 141 34.0 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

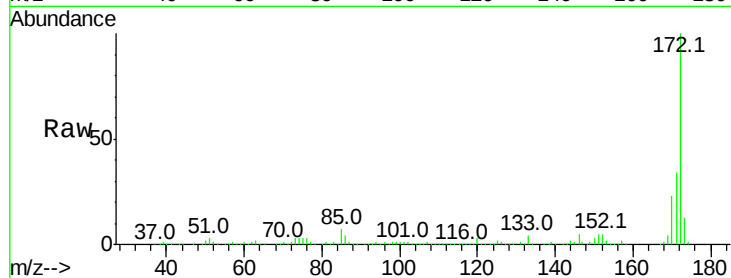




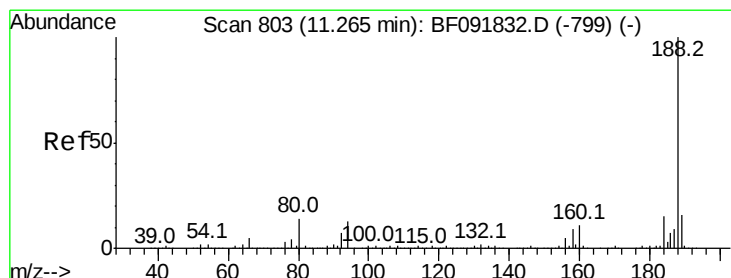
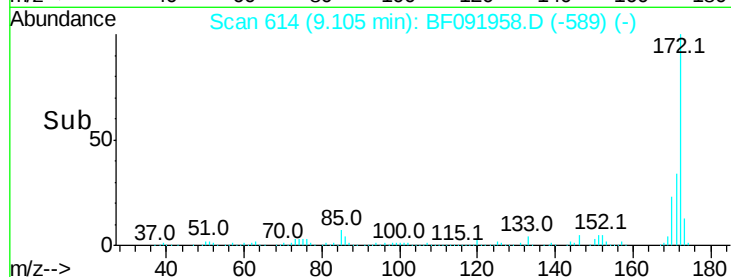
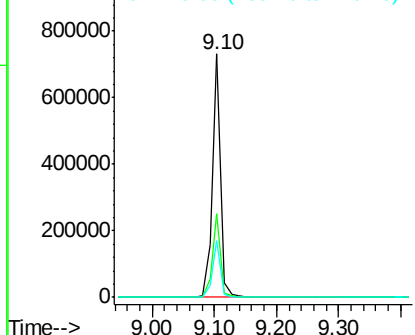
#44
2-Fluorobiphenyl
Concen: 8.04 ng
RT: 9.10 min Scan# 614
Delta R.T. -0.01 min
Lab File: BF091958.D
Acq: 24 Dec 2016 8:16

Instrument :
BNA_F
ClientSampleId :
MW-18DL

Tot Ion:172 Resp: 663756
Ion Ratio Lower Upper
172 100
171 34.4 29.4 44.0
170 23.1 20.2 30.4

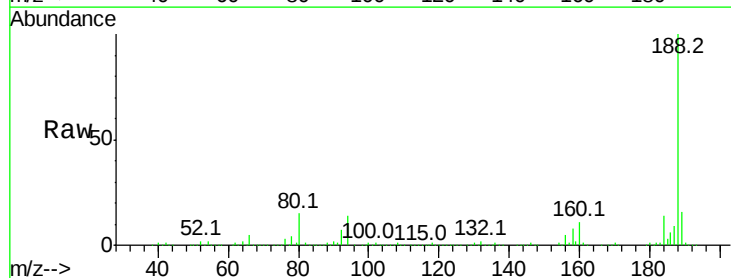


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

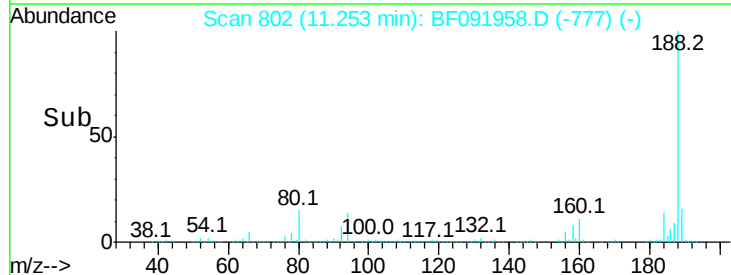
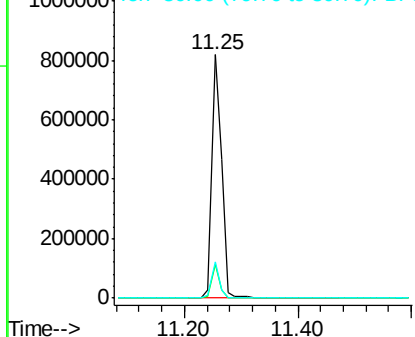


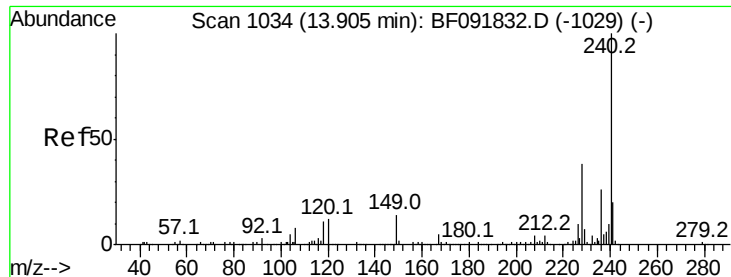
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 802
Delta R.T. -0.01 min
Lab File: BF091958.D
Acq: 24 Dec 2016 8:16

Tgt Ion:188 Resp: 934833
Ion Ratio Lower Upper
188 100
94 13.8 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: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091958.D

Acq: 24 Dec 2016 8:16

Instrument :

BNA_F

ClientSampleId :

MW-18DL

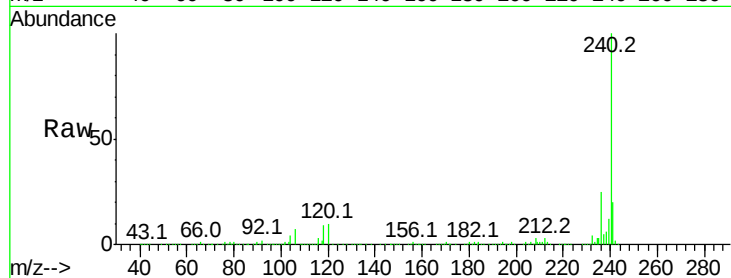
Tot Ion:240 Resp: 671726

Ion Ratio Lower Upper

240 100

120 10.5 12.9 19.3#

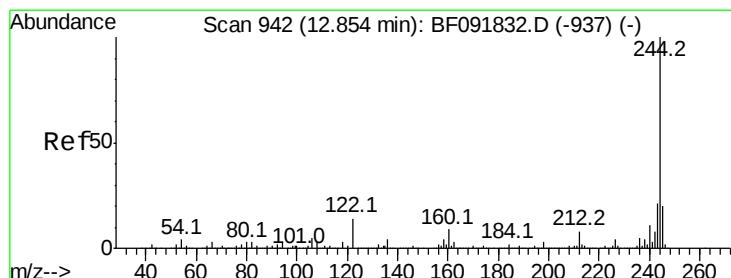
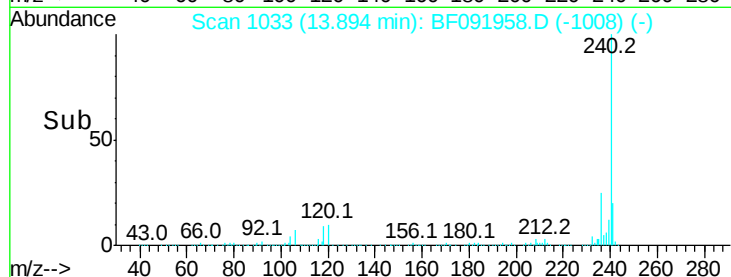
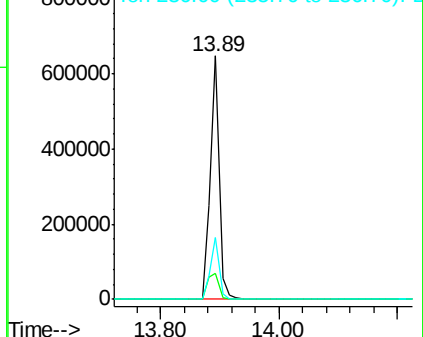
236 25.3 20.9 31.3



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: 15.04 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091958.D

Acq: 24 Dec 2016 8:16

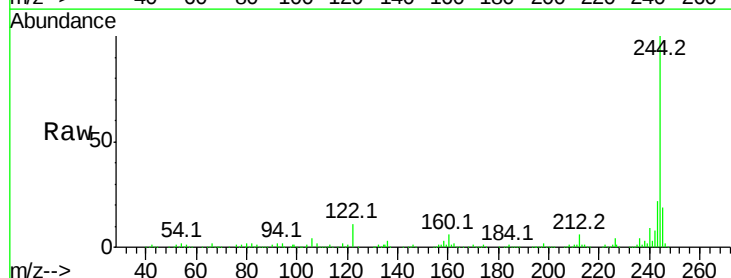
Tgt Ion:244 Resp: 416690

Ion Ratio Lower Upper

244 100

212 6.4 6.2 9.2

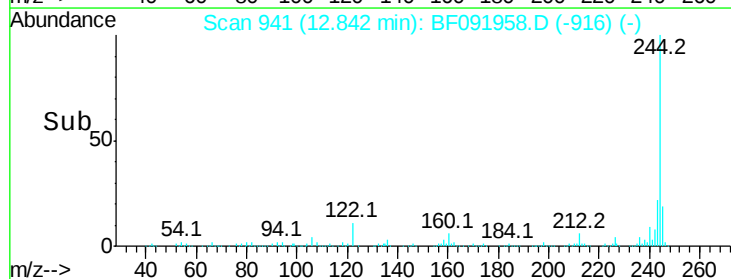
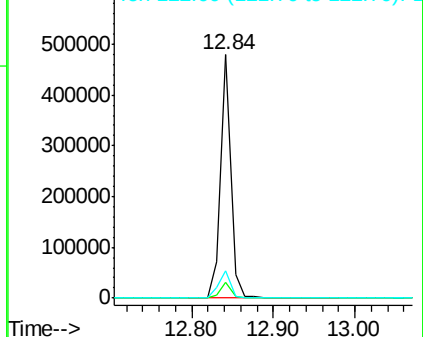
122 11.3 11.4 17.2#

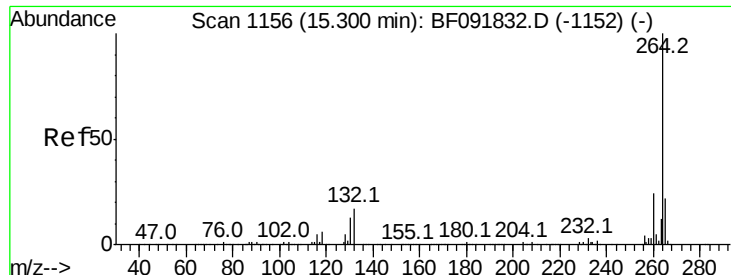


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

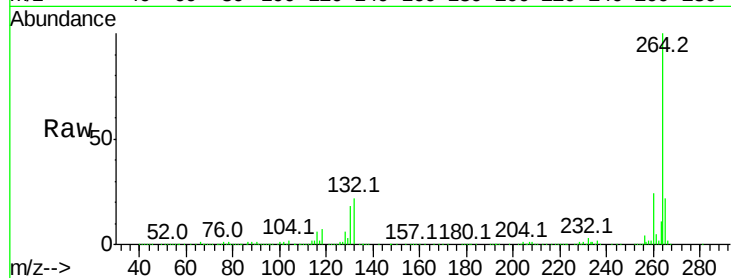




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091958.D
 Acq: 24 Dec 2016 8:16

Instrument :
 BNA_F
 ClientSampleId :
 MW-18DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	22.1	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

