

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122316\
 Data File : BF091950.D
 Acq On : 24 Dec 2016 4:40
 Operator : UM/SJ
 Sample : H6205-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Quant Time: Dec 24 05:05:01 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

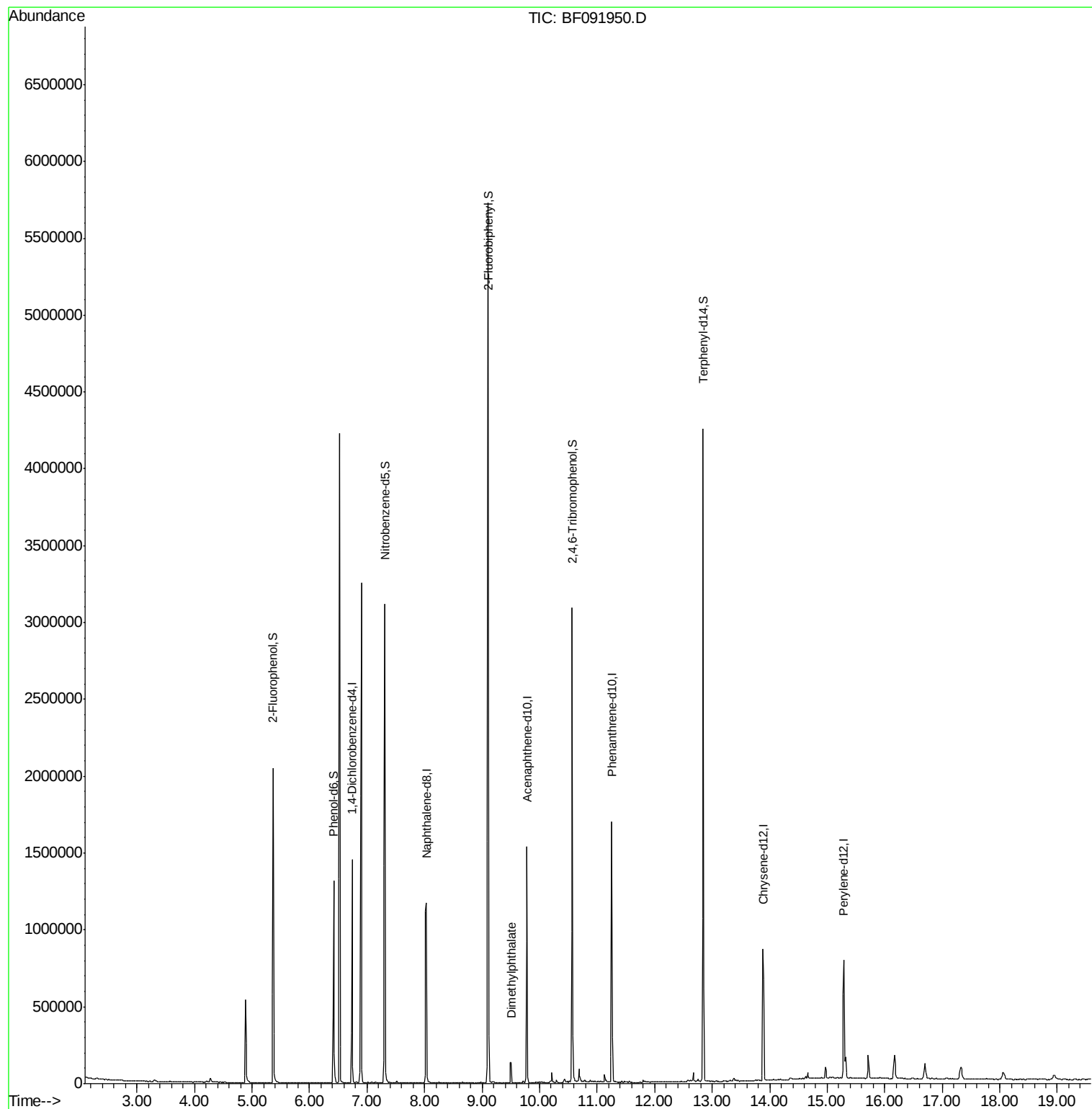
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	214910	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	849953	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	418109	20.00	ng	-0.01
63) Phenanthrene-d10	11.25	188	597607	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	405312	20.00	ng	-0.02
86) Perylene-d12	15.29	264	388613	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	615733	47.84	ng	0.02
7) Phenol-d6	6.42	99	500019	31.82	ng	0.01
23) Nitrobenzene-d5	7.31	82	1168513	76.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	352049	101.74	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1730419	84.76	ng	-0.01
78) Terphenyl-d14	12.84	244	1326462	79.37	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.50	163	90354	3.38	ng	99

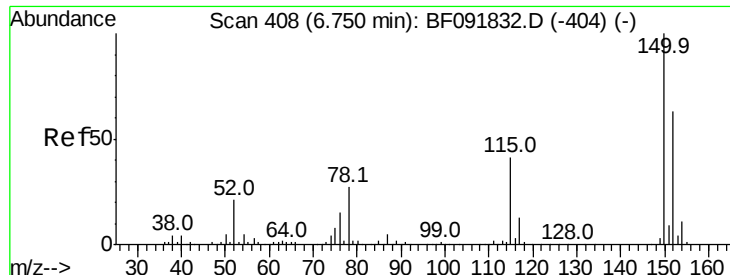
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF091950.D

Acq: 24 Dec 2016 4:40

Instrument :

BNA_F

ClientSampleId :

W-13

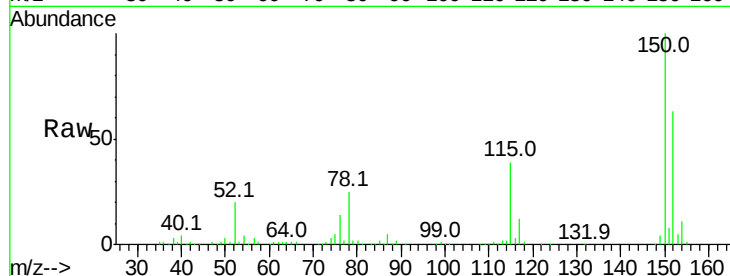
Tot Ion:152 Resp: 214910

Ion Ratio Lower Upper

152 100

150 157.6 124.9 187.3

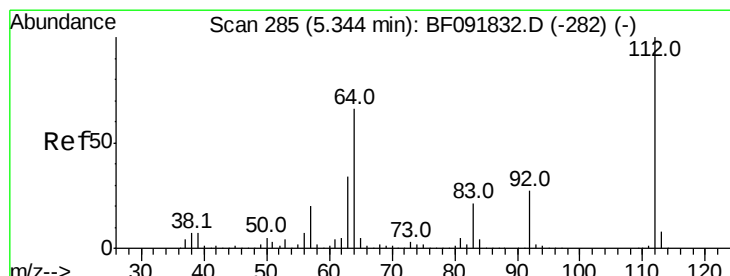
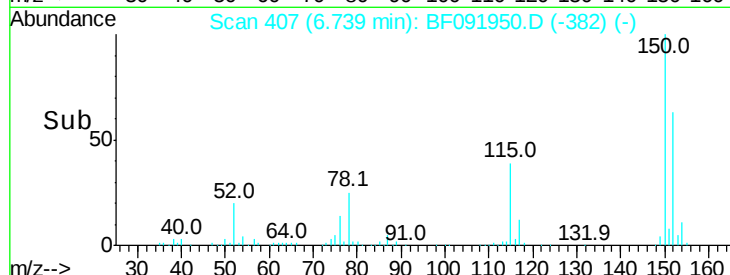
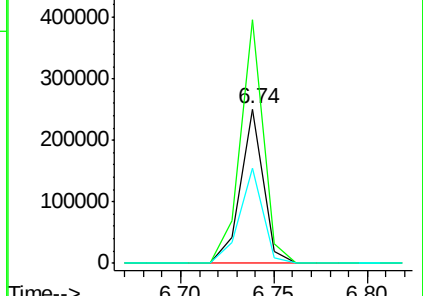
115 61.7 46.0 69.0



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: 47.84 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091950.D

Acq: 24 Dec 2016 4:40

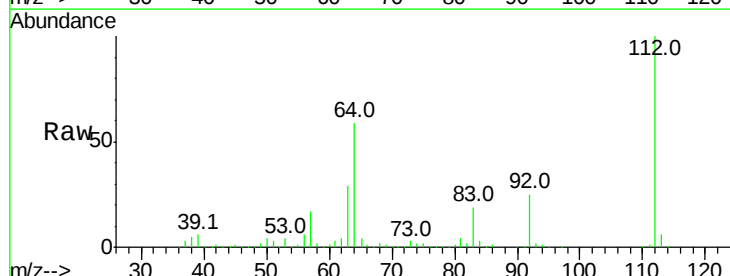
Tgt Ion:112 Resp: 615733

Ion Ratio Lower Upper

112 100

64 59.1 46.1 69.1

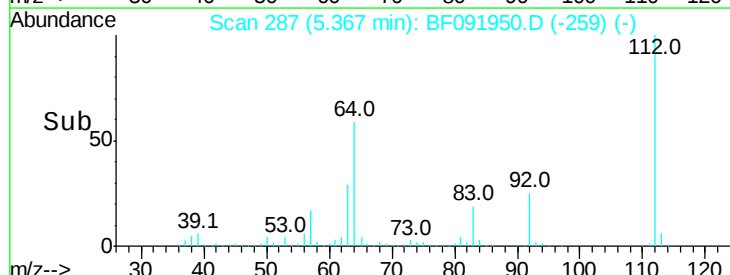
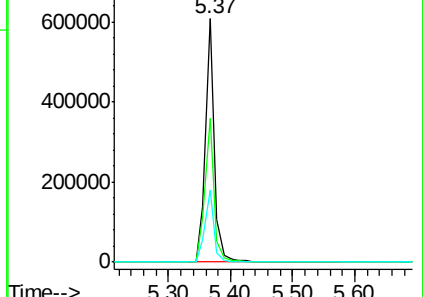
63 29.5 23.8 35.6

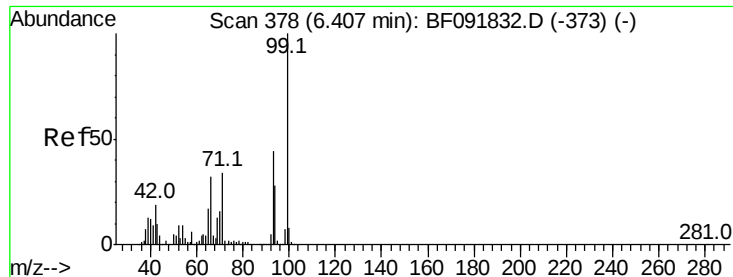


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 31.82 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF091950.D

Acq: 24 Dec 2016 4:40

Instrument :

BNA_F

ClientSampleId :

W-13

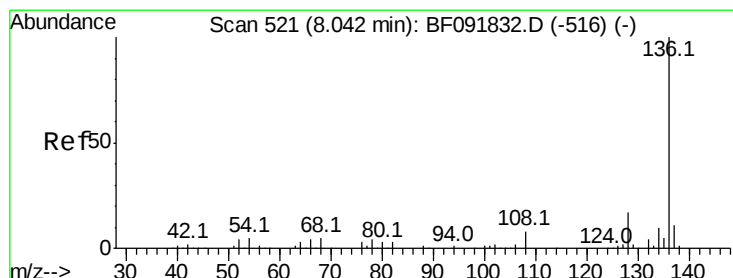
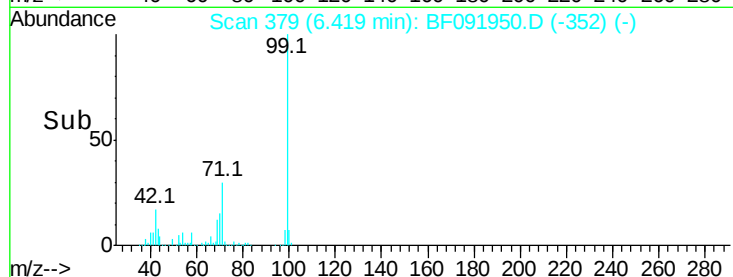
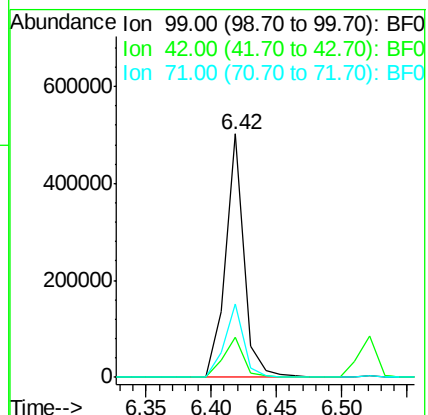
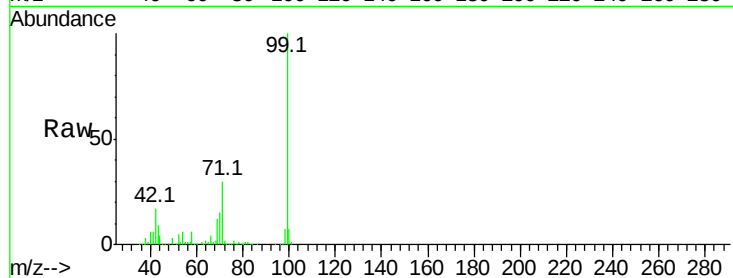
Tot Ion: 99 Resp: 500019

Ion Ratio Lower Upper

99 100

42 16.6 15.6 23.4

71 30.2 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: BF091950.D

Acq: 24 Dec 2016 4:40

Tgt Ion: 136 Resp: 849953

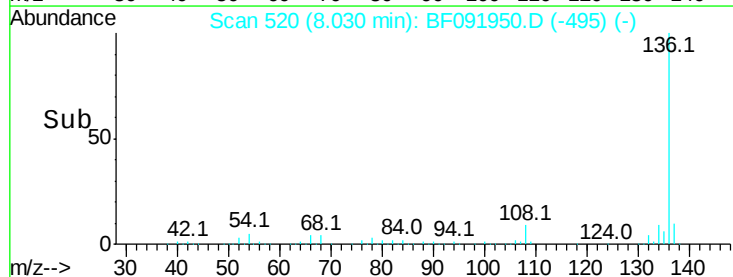
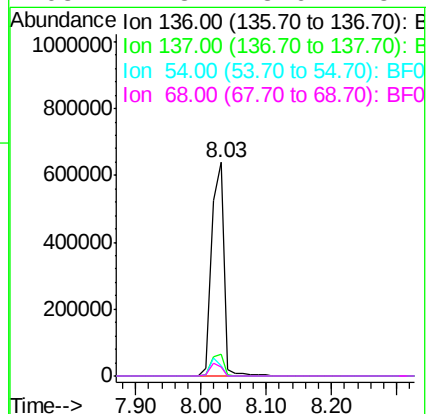
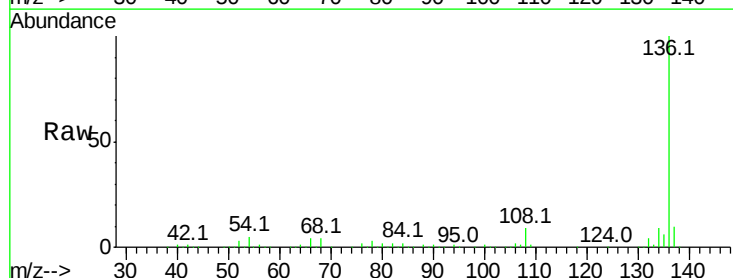
Ion Ratio Lower Upper

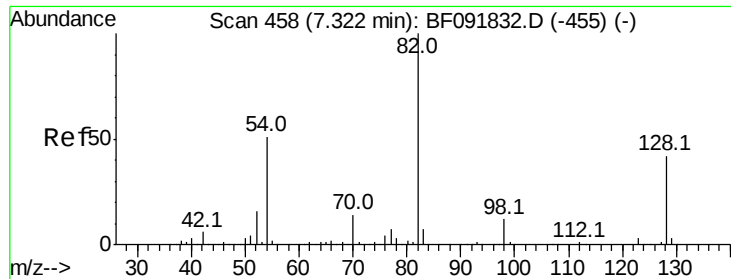
136 100

137 10.5 8.4 12.6

54 4.9 4.5 6.7

68 4.3 3.6 5.4

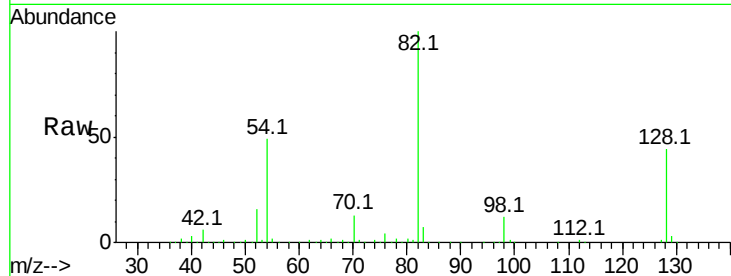




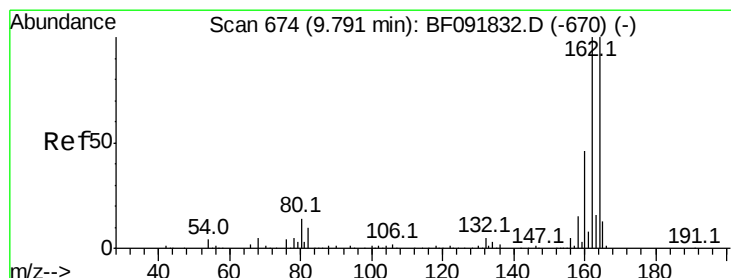
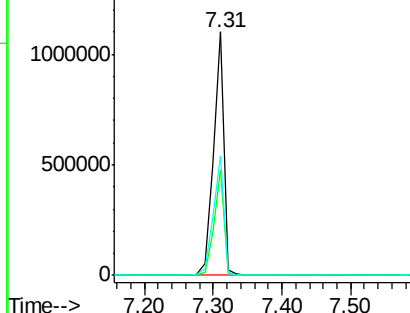
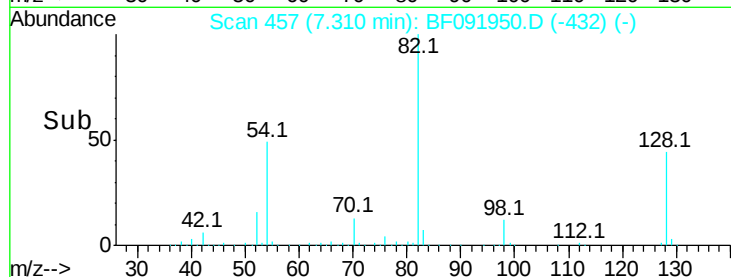
#23
 Nitrobenzene-d5
 Concen: 76.45 ng
 RT: 7.31 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF091950.D
 Acq: 24 Dec 2016 4:40

Instrument :
 BNA_F
 ClientSampled :
 W-13

Tot Ion: 82 Resp: 1168513
 Ion Ratio Lower Upper
 82 100
 128 43.5 34.6 52.0
 54 49.0 39.5 59.3

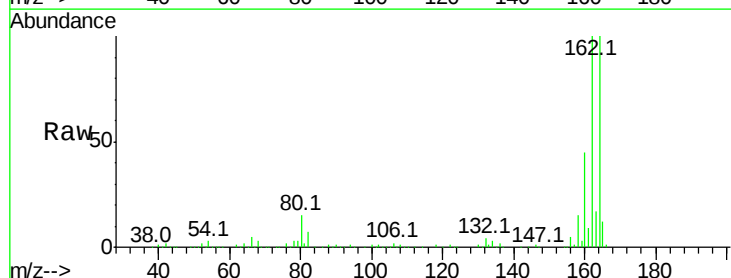


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

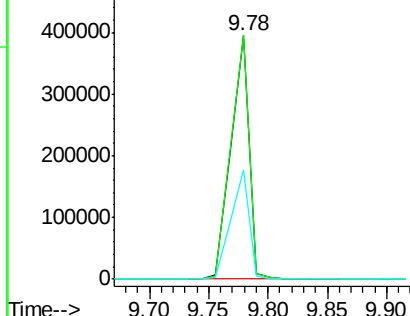
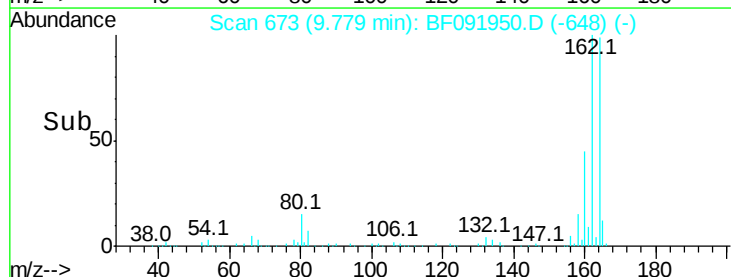


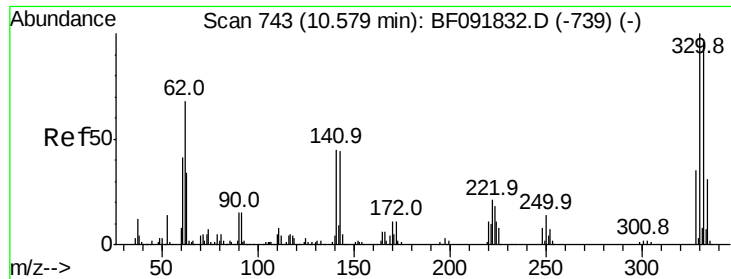
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.01 min
 Lab File: BF091950.D
 Acq: 24 Dec 2016 4:40

Tgt Ion:164 Resp: 418109
 Ion Ratio Lower Upper
 164 100
 162 100.1 80.2 120.2
 160 44.7 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

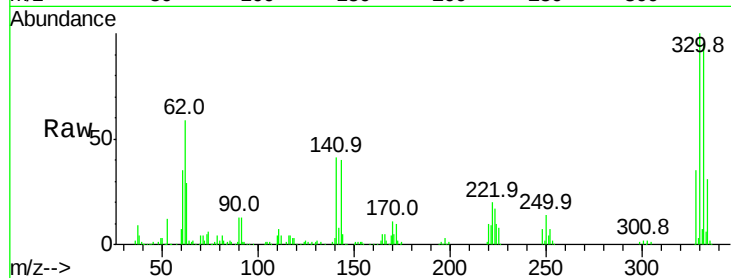




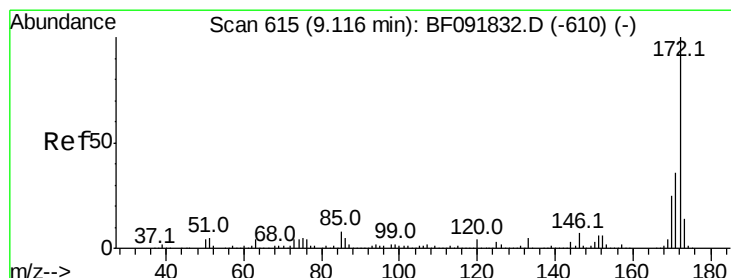
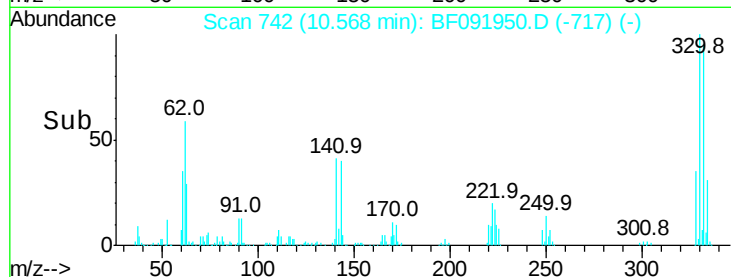
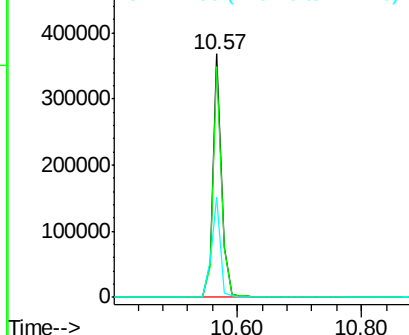
#41
 2,4,6-Tribromophenol
 Concen: 101.74 ng
 RT: 10.57 min Scan# 742
 Delta R.T. -0.01 min
 Lab File: BF091950.D
 Acq: 24 Dec 2016 4:40

Instrument :
 BNA_F
 ClientSampled :
 W-13

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.4	116.2
141	42.4	34.1	51.1

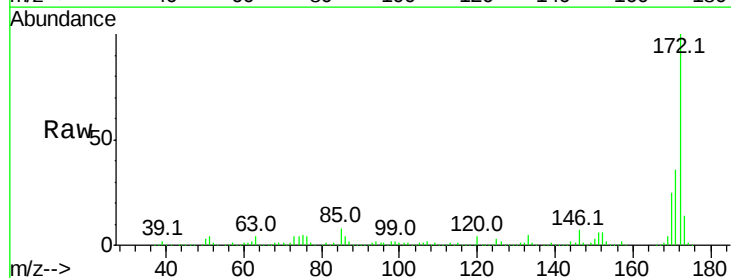


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

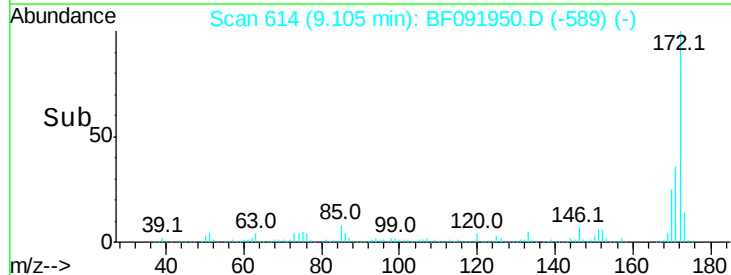
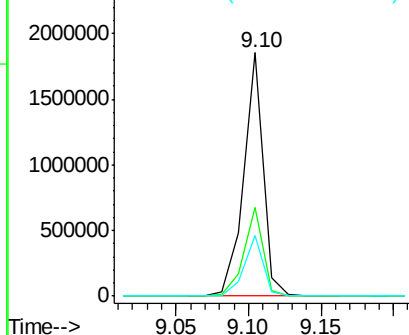


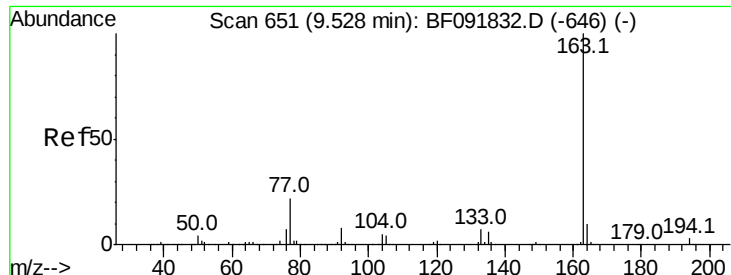
#44
 2-Fluorobiphenyl
 Concen: 84.76 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091950.D
 Acq: 24 Dec 2016 4:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.8	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





#49

Dimethylphthalate

Concen: 3.38 ng

RT: 9.50 min Scan# 649

Delta R.T. -0.02 min

Lab File: BF091950.D

Acq: 24 Dec 2016 4:40

Instrument :

BNA_F

ClientSampleId :

W-13

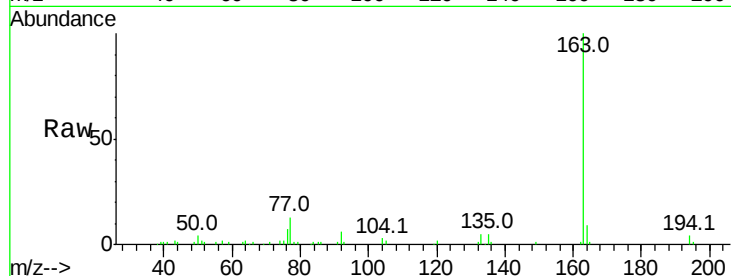
Tot Ion:163 Resp: 90354

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

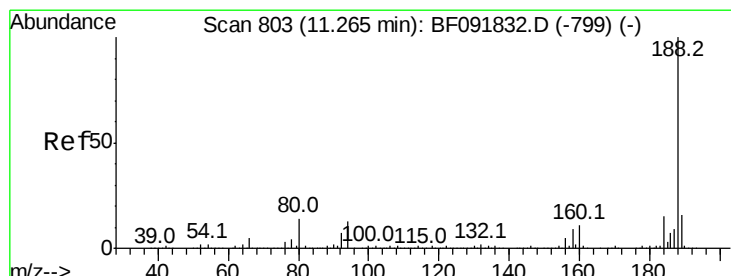
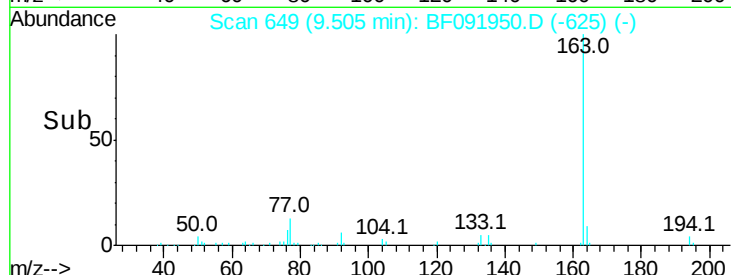
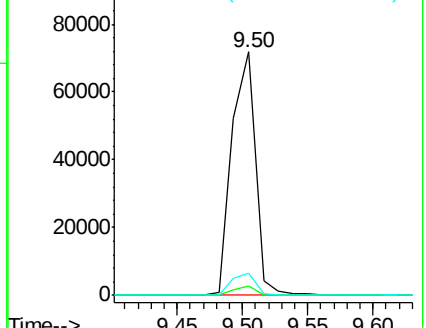
164 9.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.25 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF091950.D

Acq: 24 Dec 2016 4:40

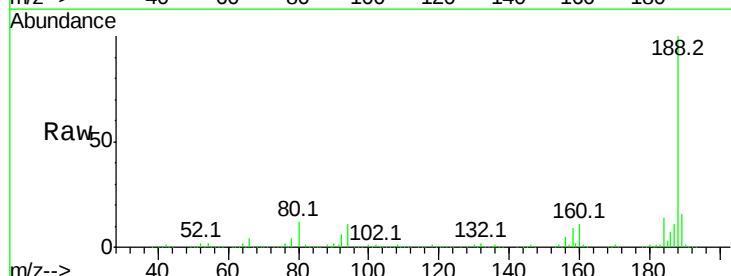
Tgt Ion:188 Resp: 597607

Ion Ratio Lower Upper

188 100

94 10.5 10.0 15.0

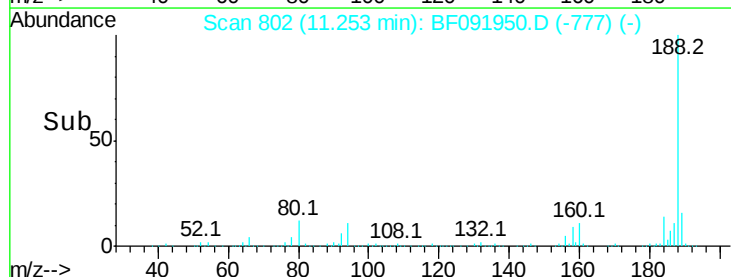
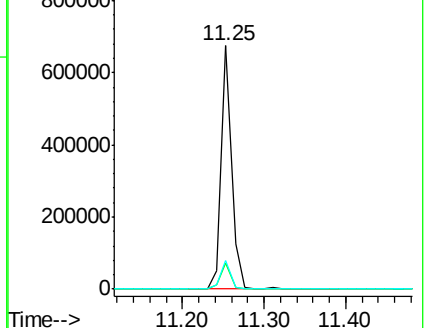
80 11.7 11.2 16.8

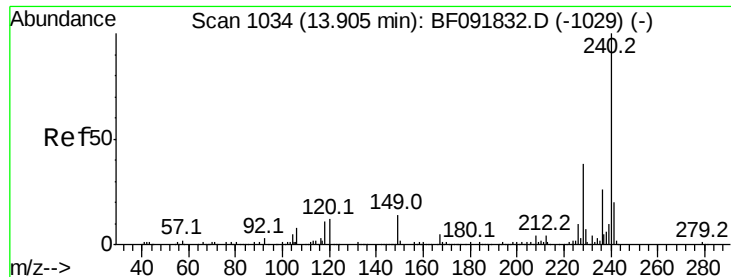


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF091950.D

Acq: 24 Dec 2016 4:40

Instrument :

BNA_F

ClientSampled :

W-13

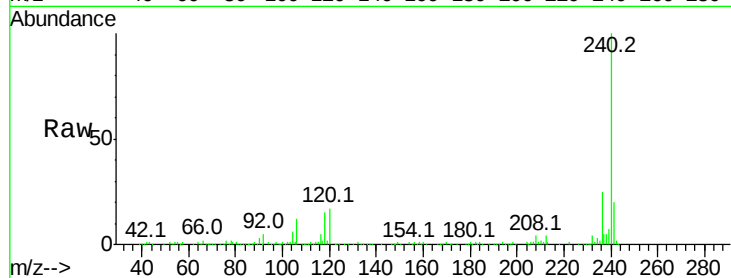
Tot Ion:240 Resp: 405312

Ion Ratio Lower Upper

240 100

120 16.6 12.9 19.3

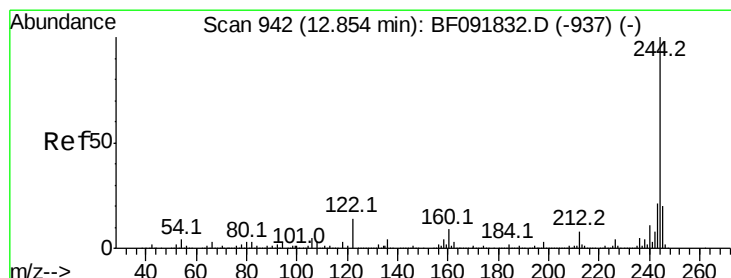
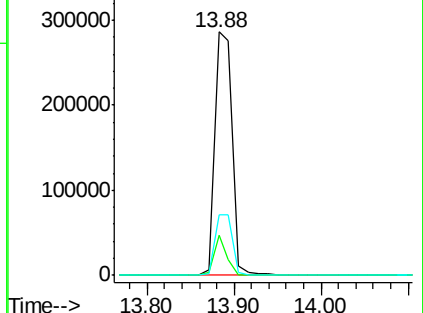
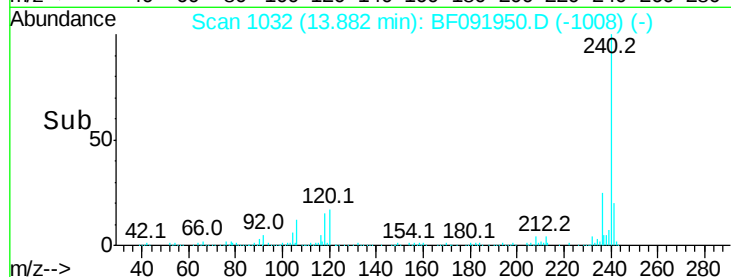
236 24.7 20.9 31.3



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: 79.37 ng

RT: 12.84 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF091950.D

Acq: 24 Dec 2016 4:40

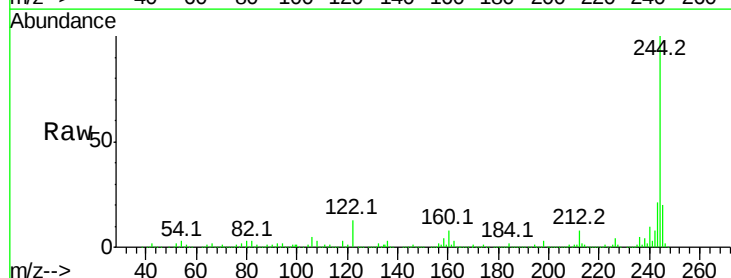
Tgt Ion:244 Resp: 1326462

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

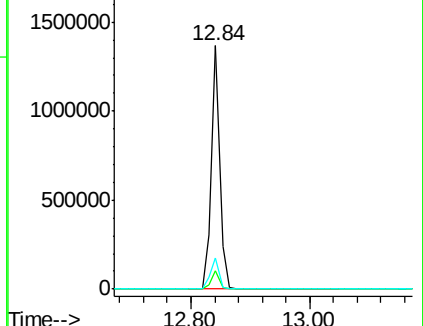
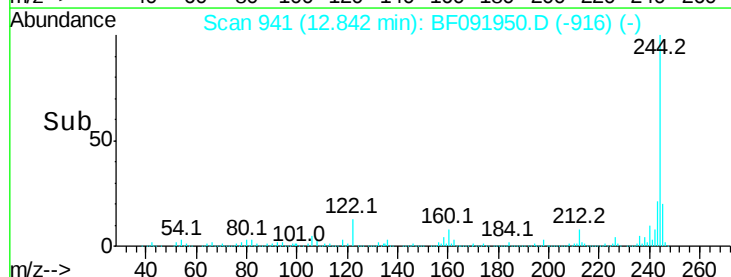
122 13.0 11.4 17.2

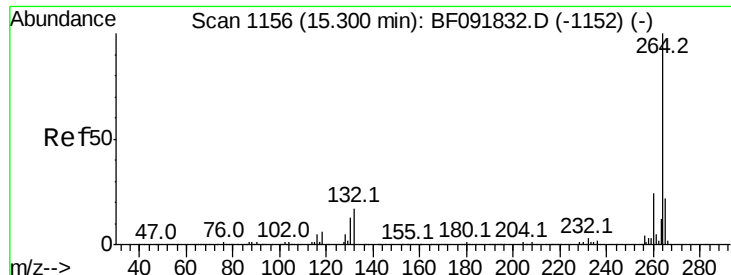


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF091950.D
 Acq: 24 Dec 2016 4:40

Instrument :
 BNA_F
 ClientSampleId :
 W-13

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.1	17.4	26.0

