

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102741.D
 Acq On : 5 Feb 2018 16:44
 Operator : SJ/JU
 Sample : J1399-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-A

Quant Time: Feb 06 01:05:36 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

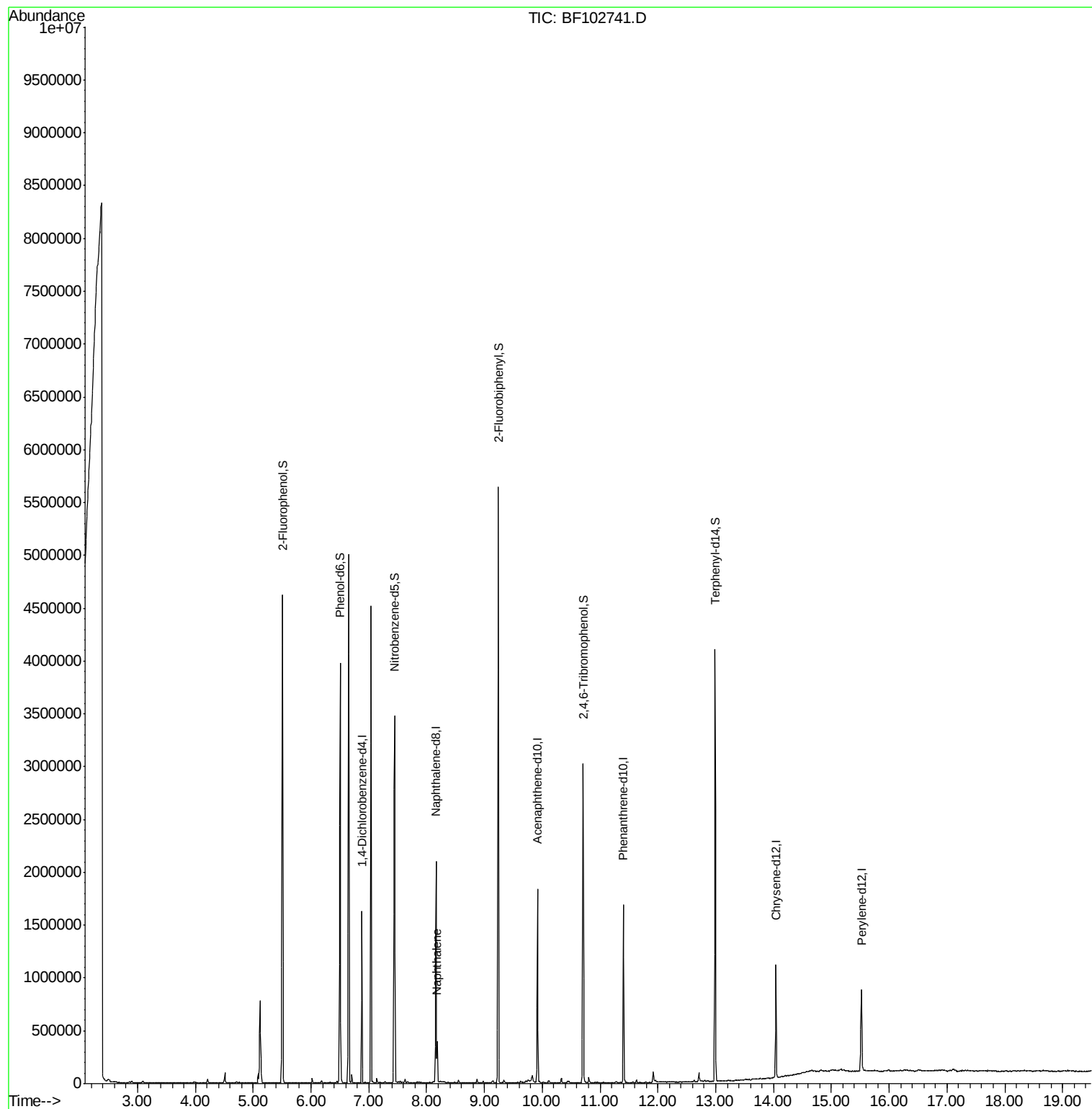
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	209010	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	850361	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	370732	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	564144	20.00	ng	0.00
75) Chrysene-d12	14.04	240	364082	20.00	ng	0.00
86) Perylene-d12	15.52	264	346813	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1364088	99.11	ng	0.02
7) Phenol-d6	6.51	99	1457173	87.93	ng	0.00
23) Nitrobenzene-d5	7.45	82	1110343	90.58	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	358944	120.29	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1849390	82.78	ng	0.00
78) Terphenyl-d14	12.99	244	1379837	89.74	ng	0.00
Target Compounds						
31) Naphthalene	8.19	128	173830	4.184	ng	Qvalue 97

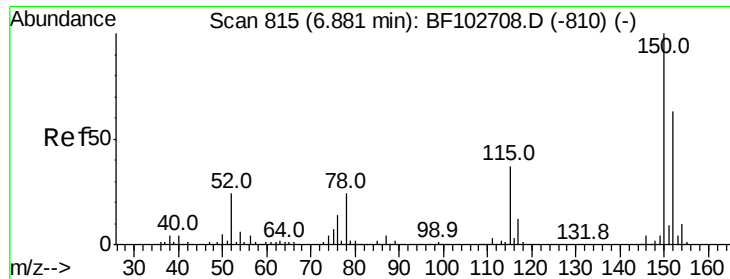
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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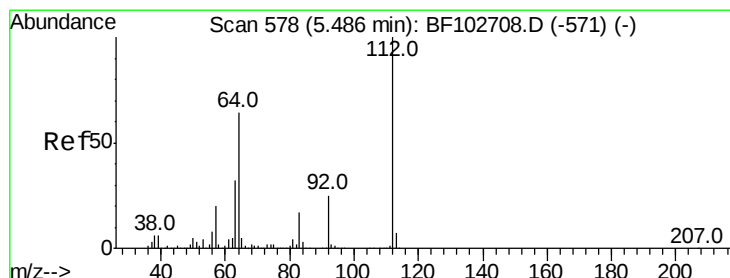
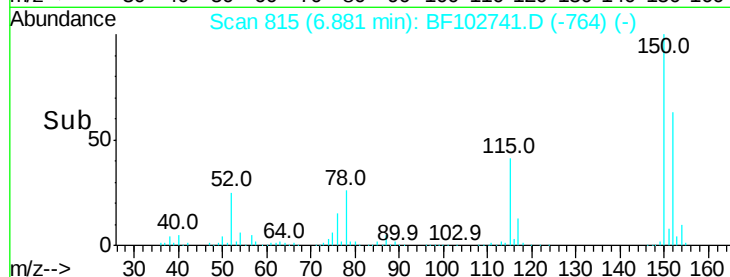
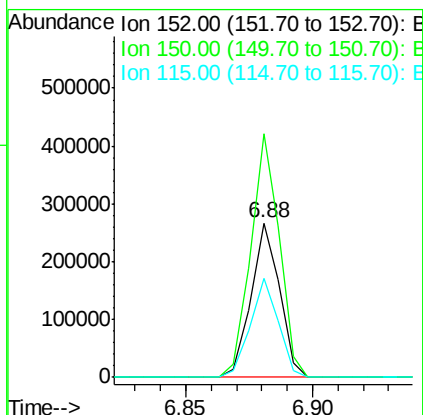
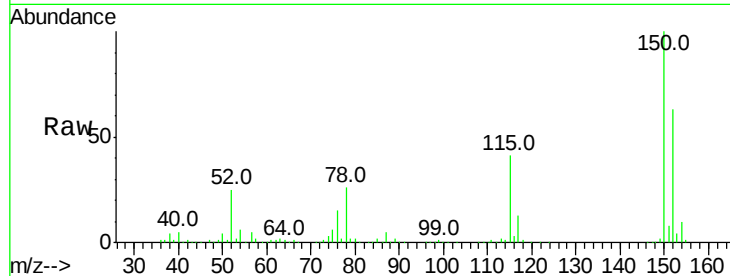


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102741.D
Acq: 5 Feb 2018 16:44

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-A

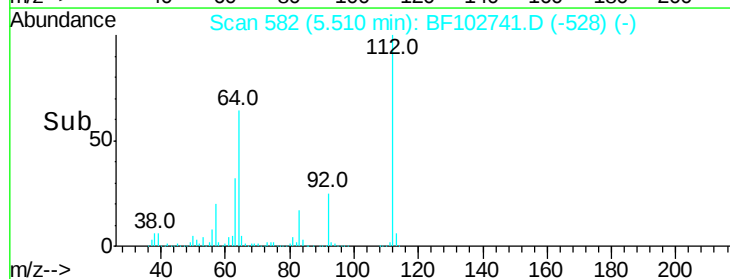
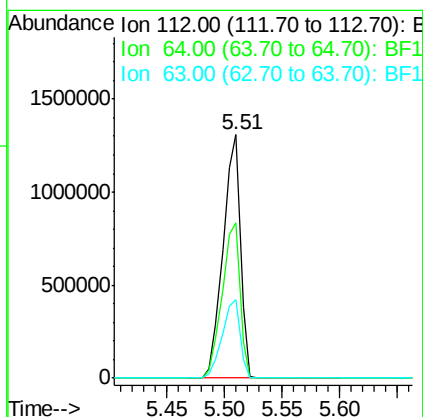
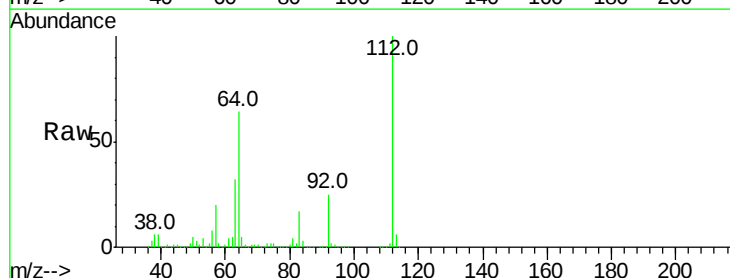
Tot Ion:152 Resp: 209010
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 64.0 50.1 75.1

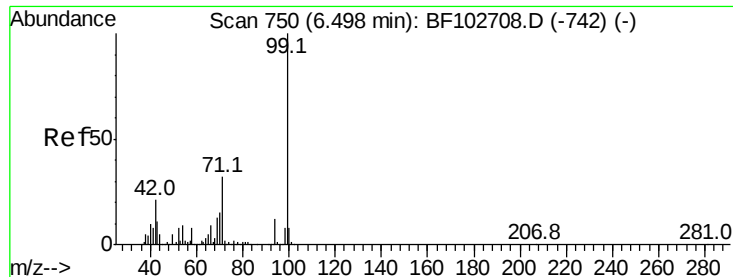


#5

2-Fluorophenol
Concen: 99.115 ng
RT: 5.51 min Scan# 582
Delta R.T. 0.02 min
Lab File: BF102741.D
Acq: 5 Feb 2018 16:44

Tgt Ion:112 Resp: 1364088
Ion Ratio Lower Upper
112 100
64 63.7 47.9 71.9
63 32.2 23.7 35.5





#7

Phenol-d6

Concen: 87.934 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102741.D

Acq: 5 Feb 2018 16:44

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-A

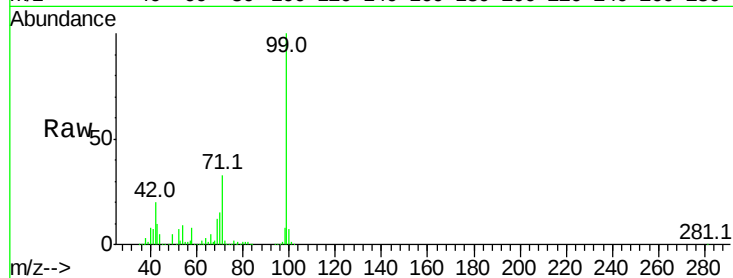
Tot Ion: 99 Resp: 1457173

Ion Ratio Lower Upper

99 100

42 19.9 14.5 21.7

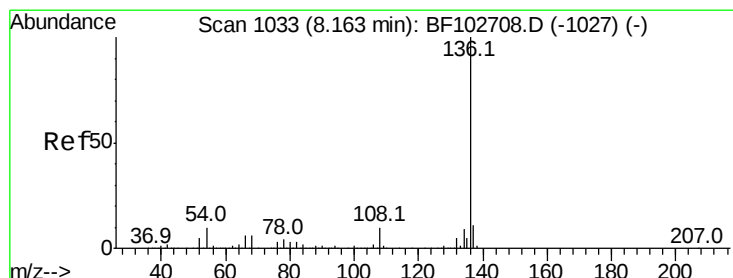
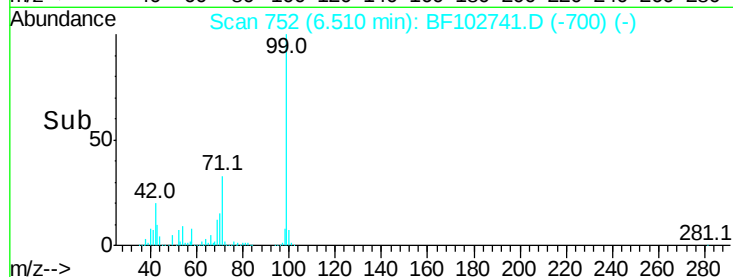
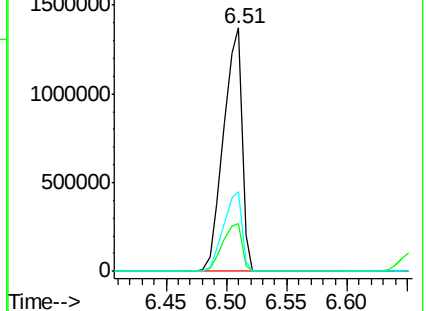
71 32.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102741.D

Acq: 5 Feb 2018 16:44

Tgt Ion: 136 Resp: 850361

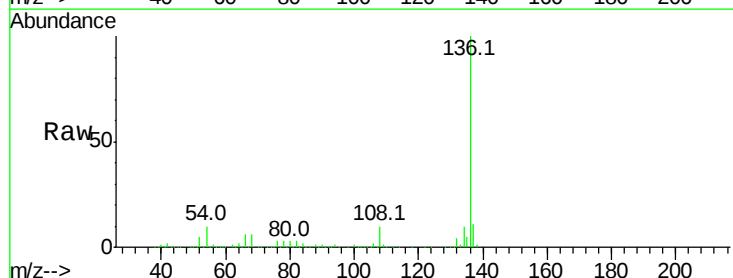
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 10.0 6.6 9.8#

68 6.2 5.0 7.4

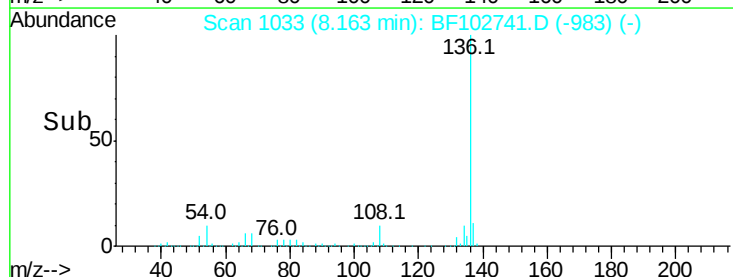
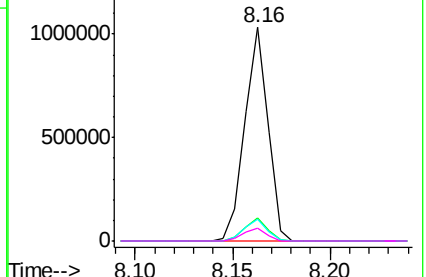


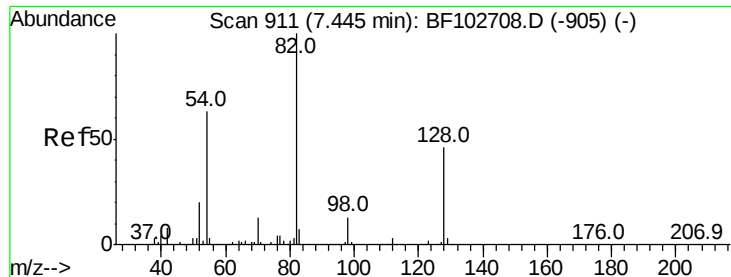
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 90.579 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102741.D

Acq: 5 Feb 2018 16:44

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-A

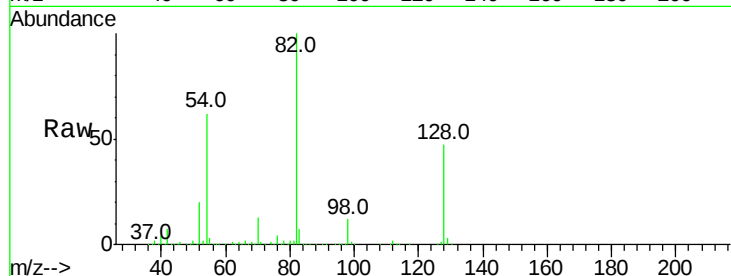
Tot Ion: 82 Resp: 1110343

Ion Ratio Lower Upper

82 100

128 47.0 36.1 54.1

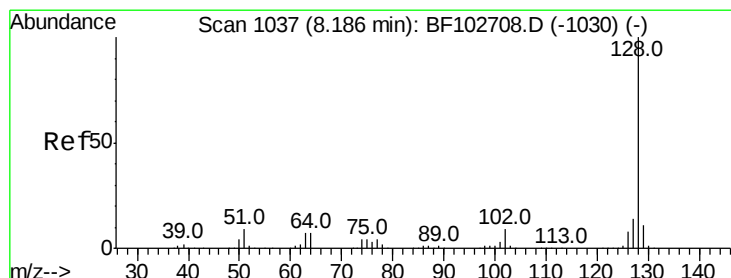
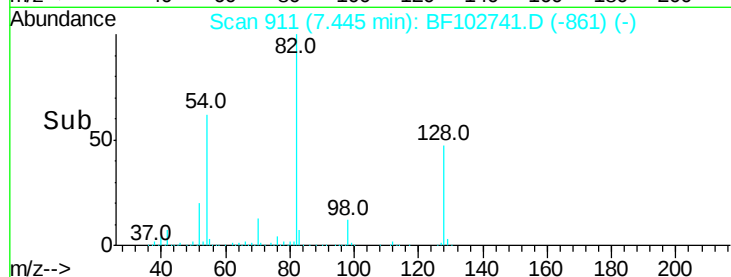
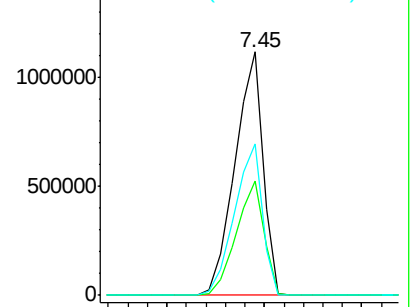
54 62.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31

Naphthalene

Concen: 4.184 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF102741.D

Acq: 5 Feb 2018 16:44

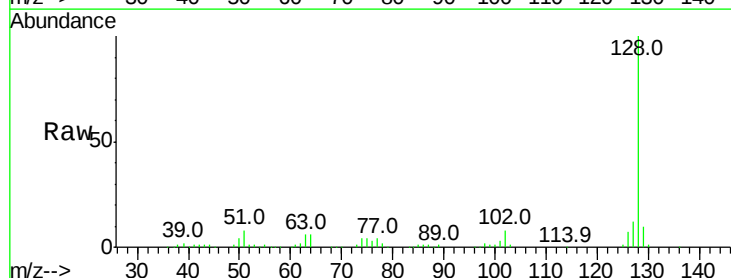
Tgt Ion: 128 Resp: 173830

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

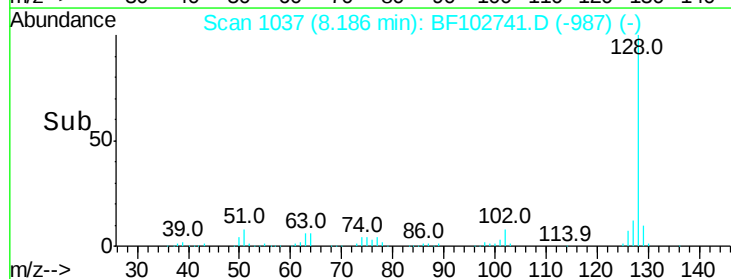
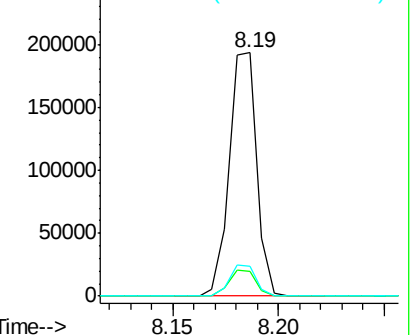
127 12.4 10.9 16.3

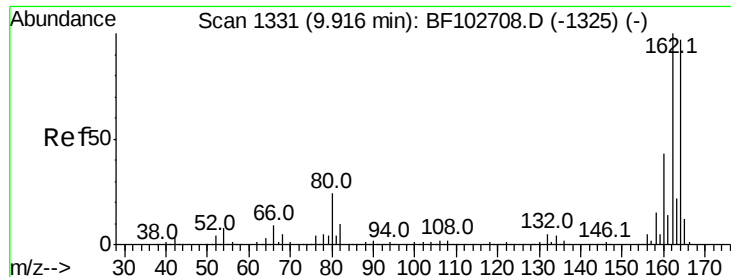


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

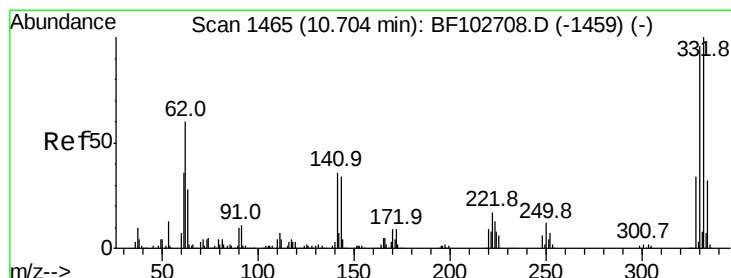
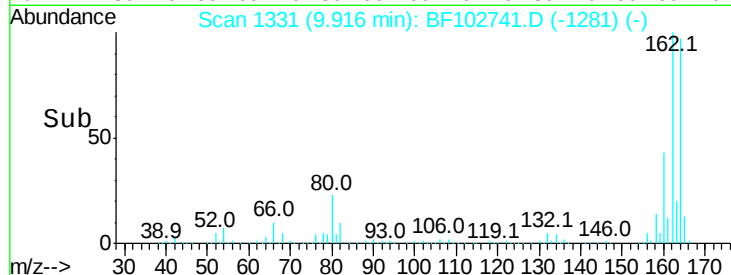
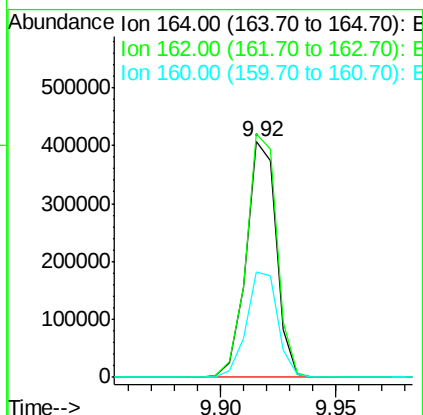
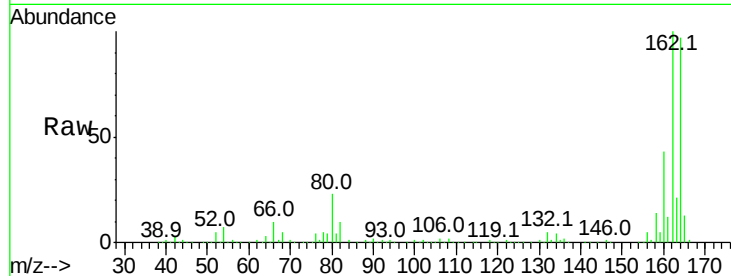




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF102741.D
 Acq: 5 Feb 2018 16:44

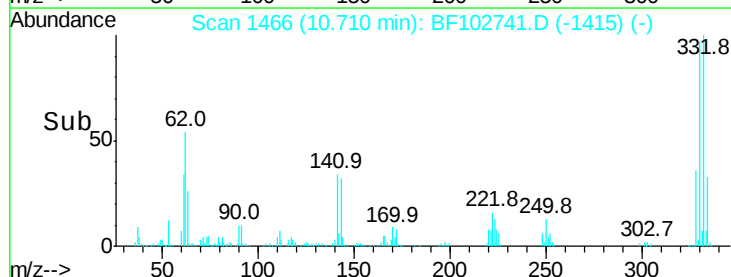
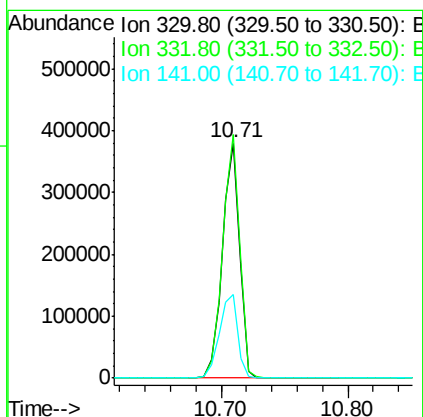
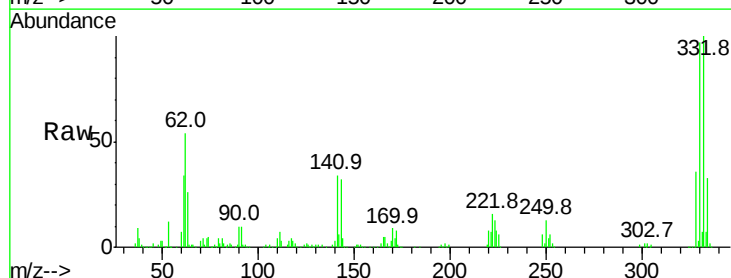
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-A

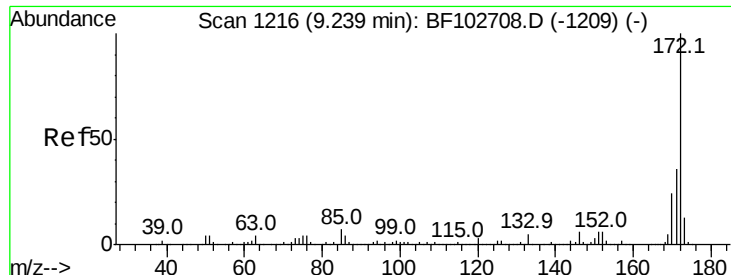
Tot Ion:164 Resp: 370732
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 44.8 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 120.291 ng
 RT: 10.71 min Scan# 1466
 Delta R.T. -0.00 min
 Lab File: BF102741.D
 Acq: 5 Feb 2018 16:44

Tgt Ion:330 Resp: 358944
 Ion Ratio Lower Upper
 330 100
 332 102.6 77.0 115.6
 141 37.9 29.9 44.9



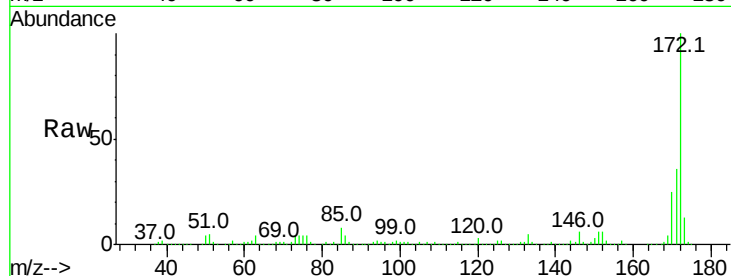


#44
 2-Fluorobiphenyl
 Concen: 82.777 ng
 RT: 9.24 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF102741.D
 Acq: 5 Feb 2018 16:44

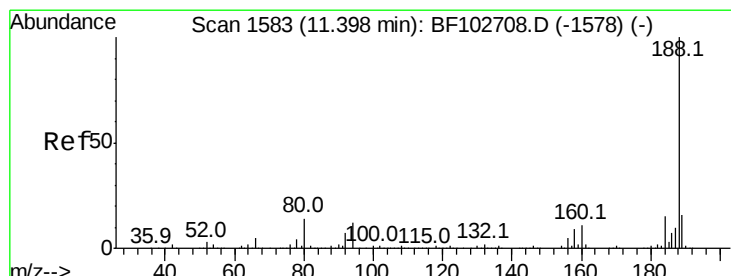
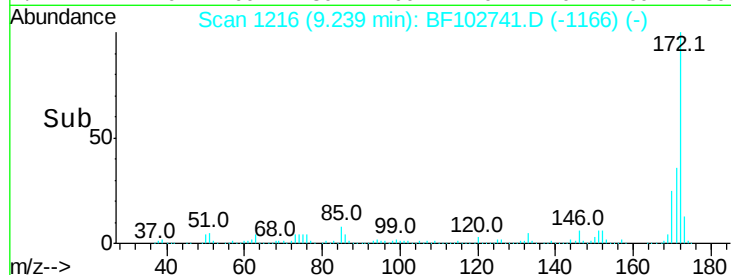
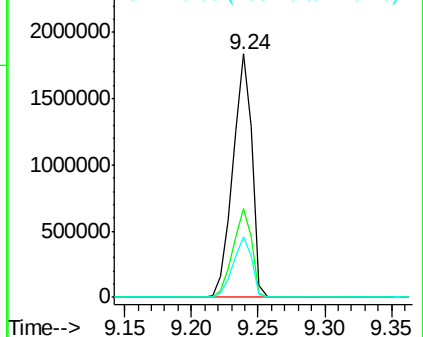
Instrument :
 BNA_F
 ClientSampleId :
 OR-01-020218-A

Tot Ion:172 Resp: 1849390

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.7	44.5
170	24.9	19.6	29.4



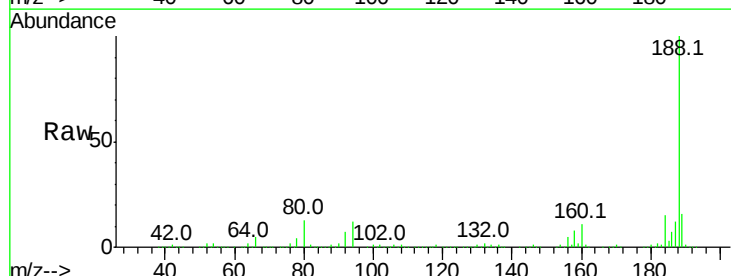
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



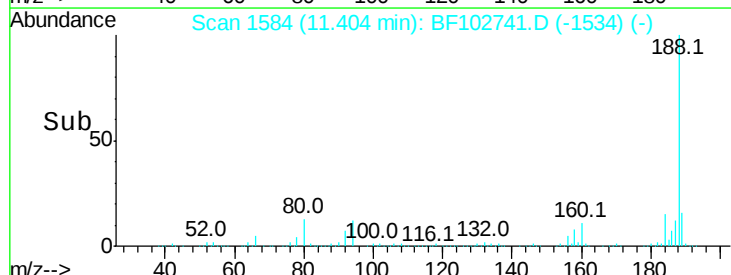
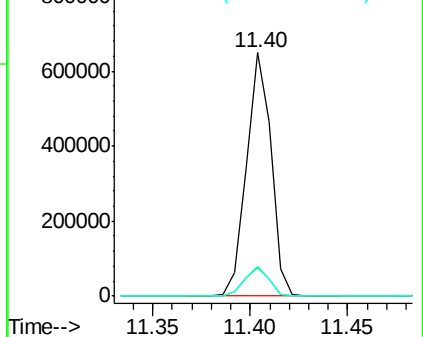
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BF102741.D
 Acq: 5 Feb 2018 16:44

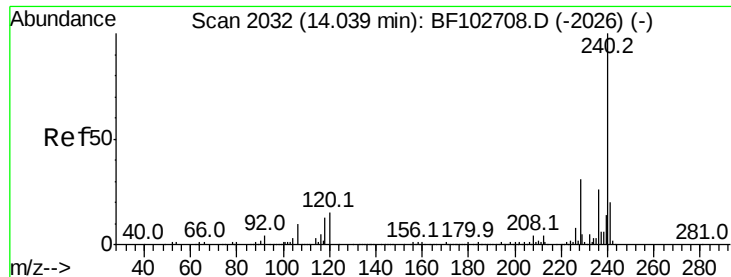
Tgt Ion:188 Resp: 564144

Ion	Ratio	Lower	Upper
188	100		
94	11.9	8.5	12.7
80	12.5	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102741.D

Acq: 5 Feb 2018 16:44

Instrument :

BNA_F

ClientSampleId :

OR-01-020218-A

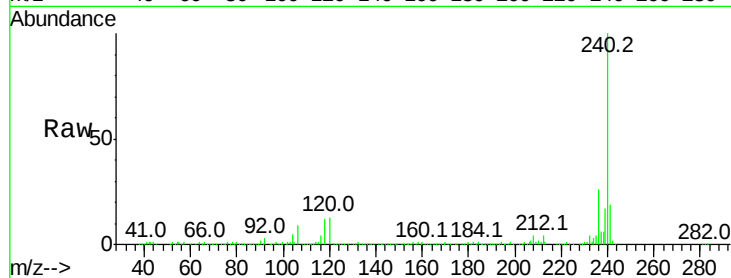
Tot Ion:240 Resp: 364082

Ion Ratio Lower Upper

240 100

120 13.0 9.5 14.3

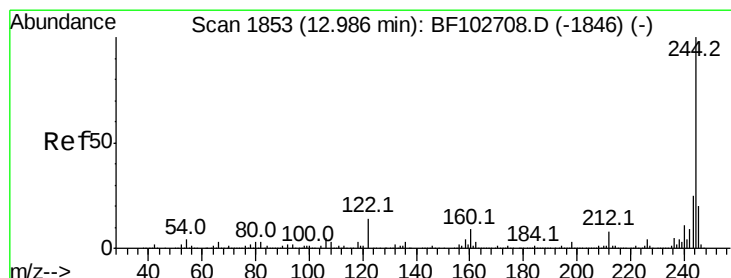
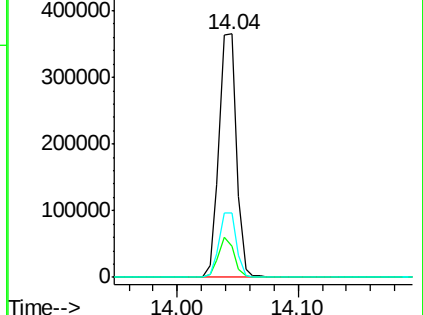
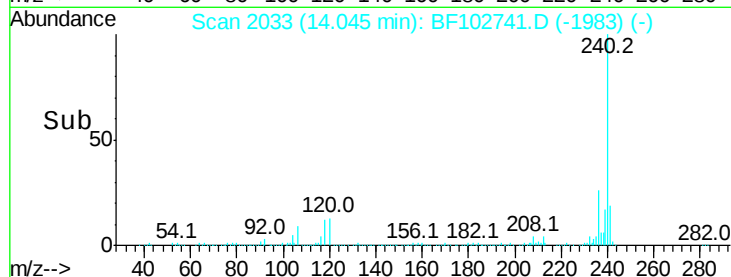
236 26.4 20.7 31.1



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: 89.736 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102741.D

Acq: 5 Feb 2018 16:44

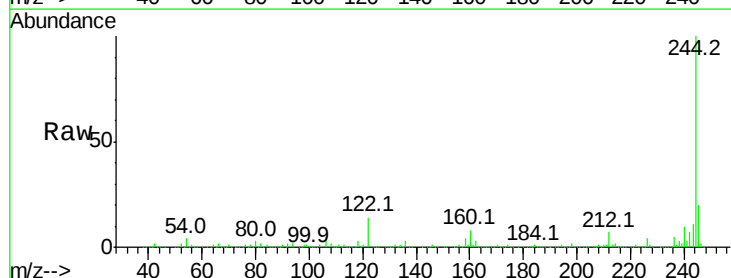
Tgt Ion:244 Resp: 1379837

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

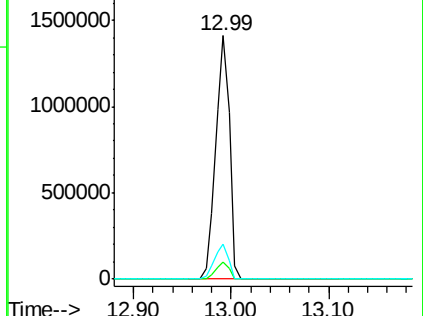
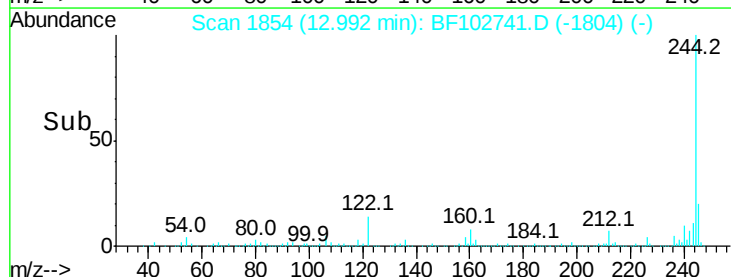
122 14.2 11.0 16.4

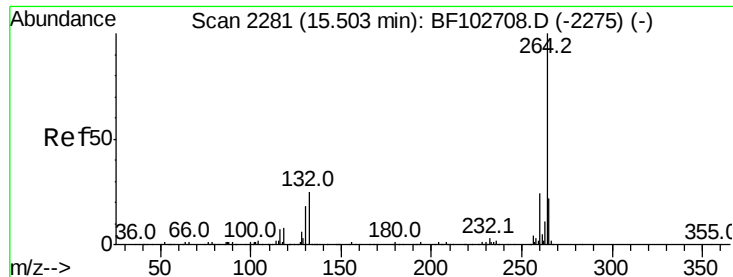


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

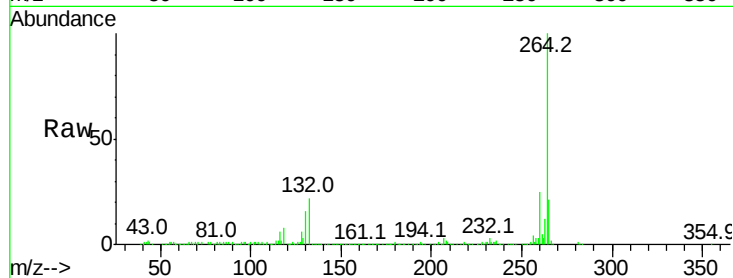




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF102741.D
Acq: 5 Feb 2018 16:44

Instrument :
BNA_F
ClientSampleId :
OR-01-020218-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.3	17.5	26.3



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

