

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107505.D
 Acq On : 19 Jul 2018 9:48
 Operator : JU/SJ
 Sample : J4033-06
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-U-B

Quant Time: Jul 19 11:08:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 11:55:34 2018
 Response via : Initial Calibration

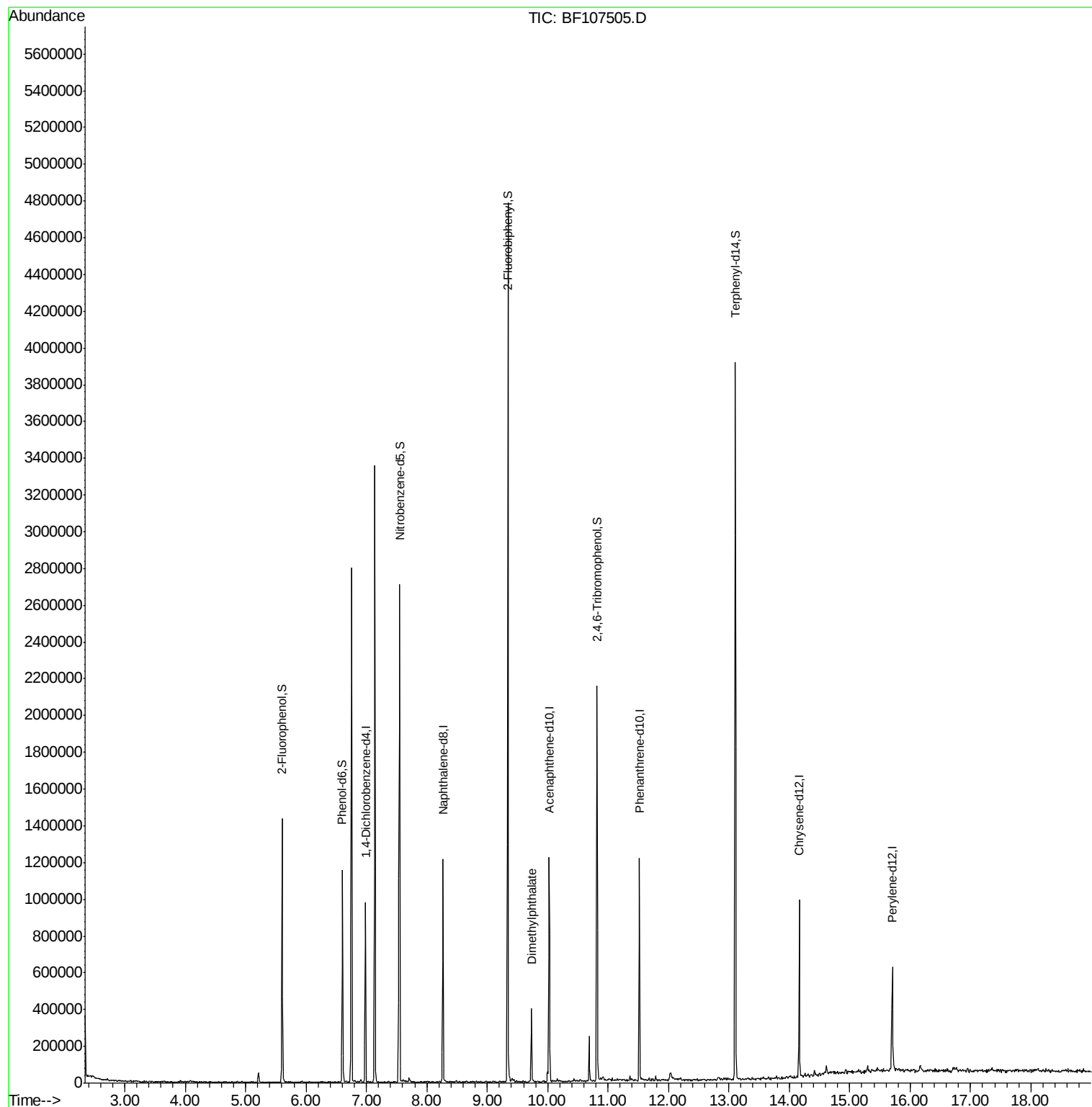
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	112246	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	404085	20.00	ng	0.00
38) Acenaphthene-d10	10.02	164	208920	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	371859	20.00	ng	0.00
75) Chrysene-d12	14.17	240	285353	20.00	ng	-0.01
86) Perylene-d12	15.71	264	258130	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	303446	41.06	ng	0.00
7) Phenol-d6	6.60	99	272315	28.50	ng	-0.01
23) Nitrobenzene-d5	7.55	82	900249	118.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	181900	99.10	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1353352	111.37	ng	0.00
78) Terphenyl-d14	13.11	244	1190611	103.67	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	128505	7.742	ng	Qvalue # 99

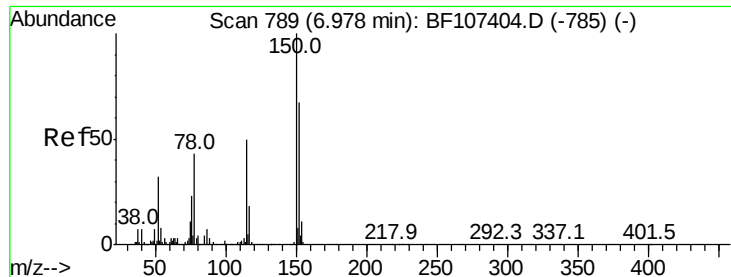
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.98 min Scan# 790

Delta R.T. -0.01 min

Lab File: BF107505.D

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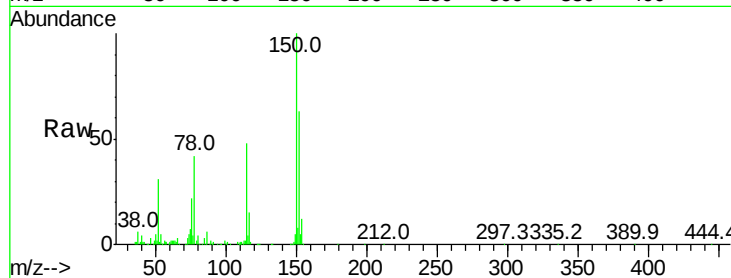
Tot Ion:152 Resp: 112246

Ion Ratio Lower Upper

152 100

150 159.9 124.6 186.8

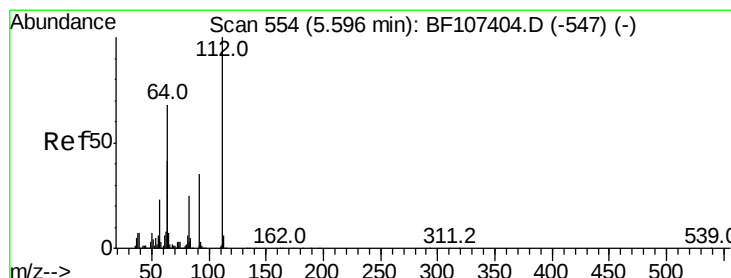
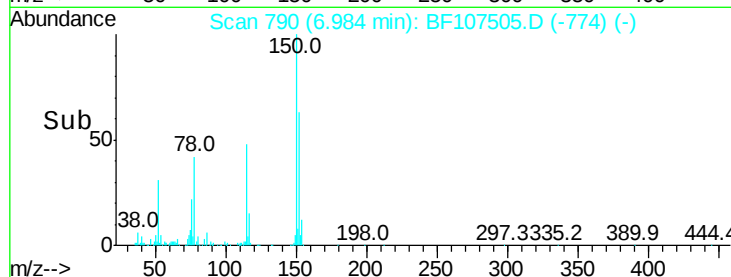
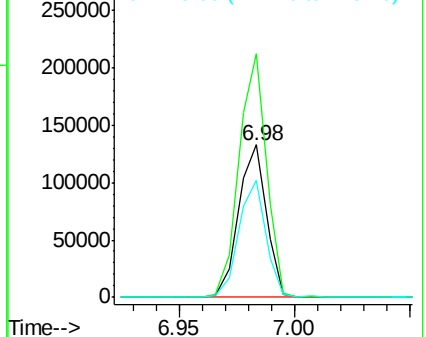
115 76.7 50.1 75.1#



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: 41.058 ng

RT: 5.61 min Scan# 556

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

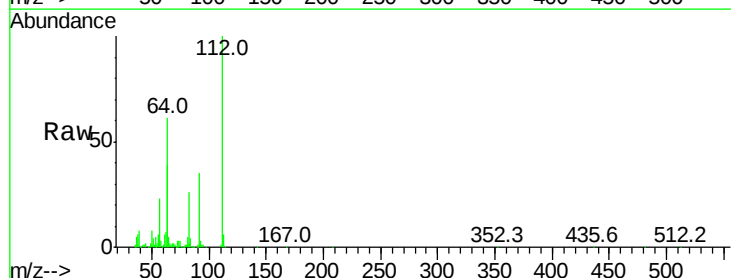
Tgt Ion:112 Resp: 303446

Ion Ratio Lower Upper

112 100

64 61.0 47.9 71.9

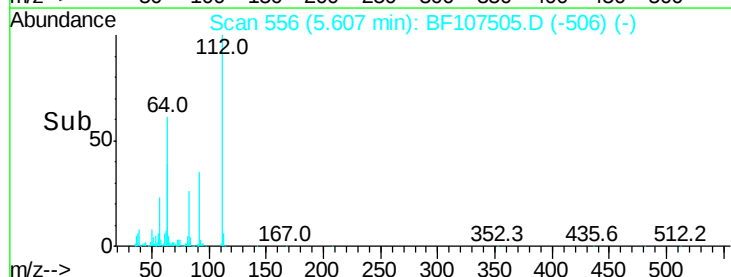
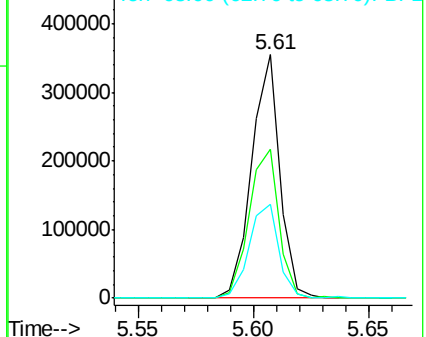
63 38.7 23.7 35.5#

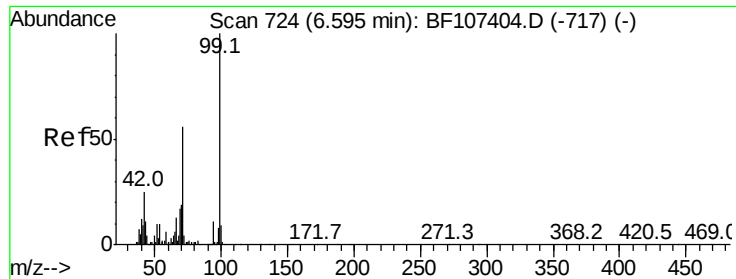


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 28.499 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

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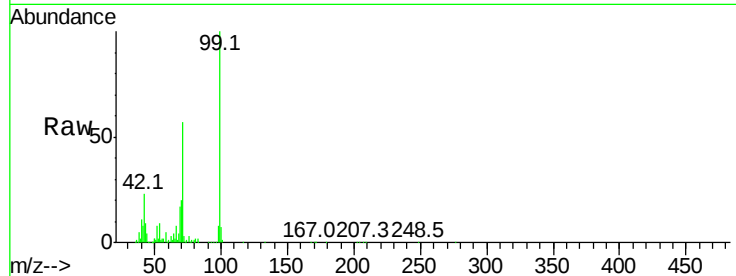
Tot Ion: 99 Resp: 272315

Ion Ratio Lower Upper

99 100

42 22.7 14.5 21.7#

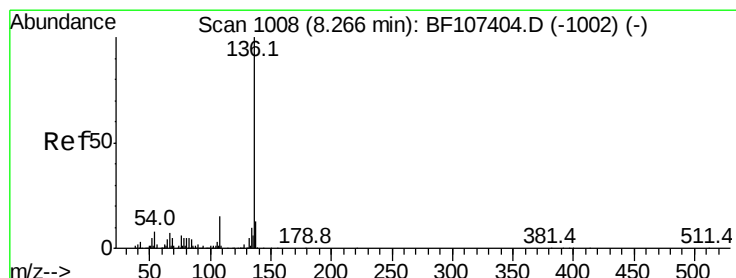
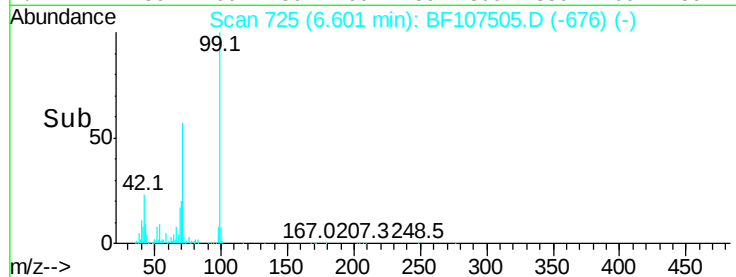
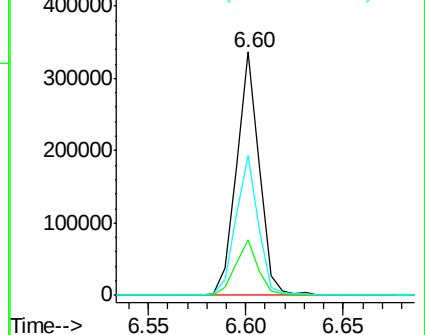
71 57.3 25.4 38.0#



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: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Tgt Ion: 136 Resp: 404085

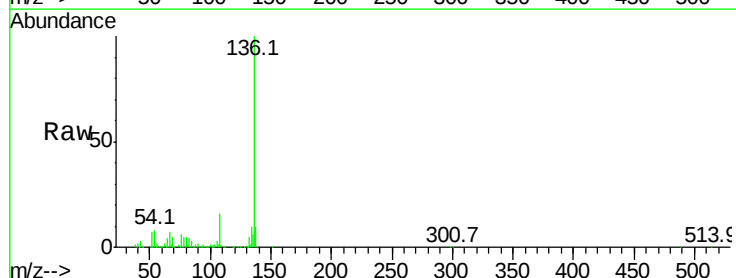
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.2 6.6 9.8

68 5.2 5.0 7.4

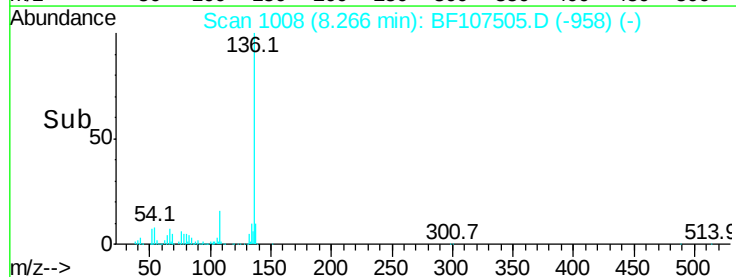
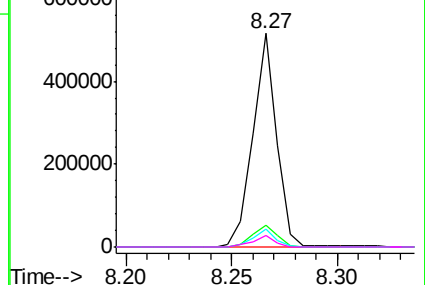


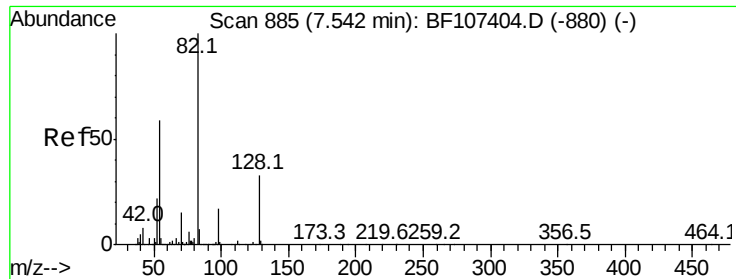
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

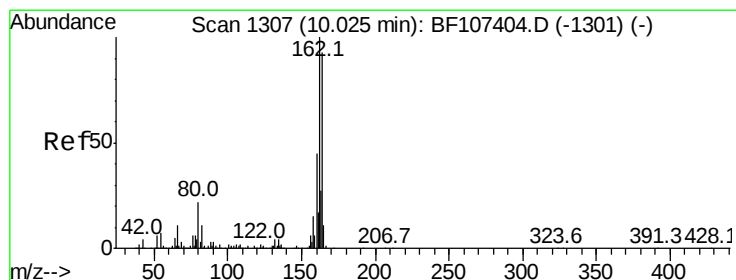
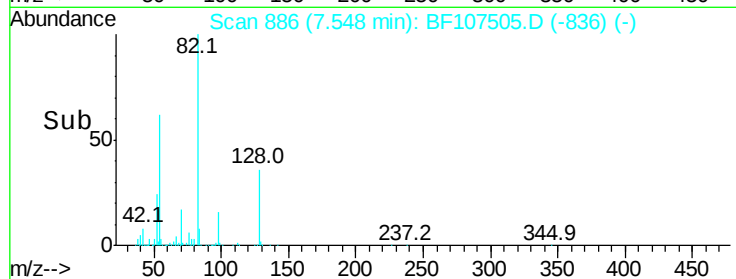
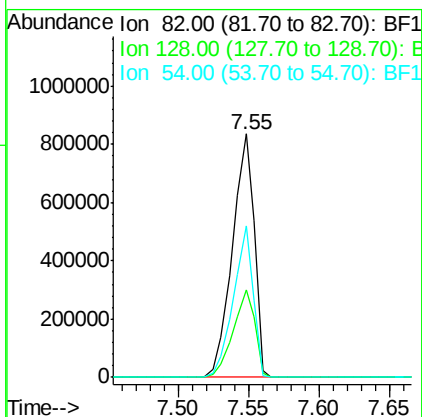
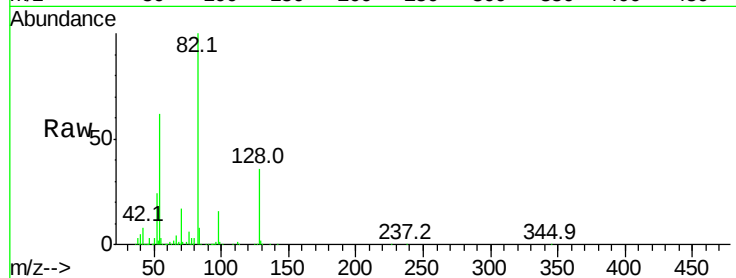




#23
 Nitrobenzene-d5
 Concen: 118.799 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107505.D
 Acq: 19 Jul 2018 9:48

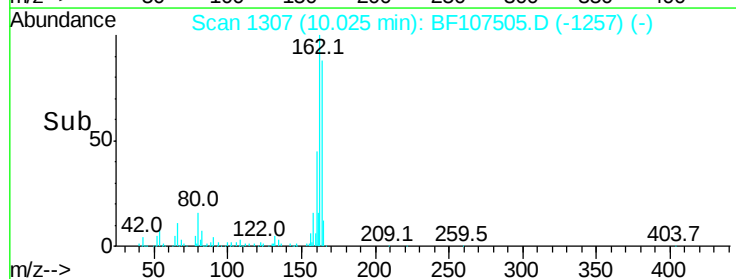
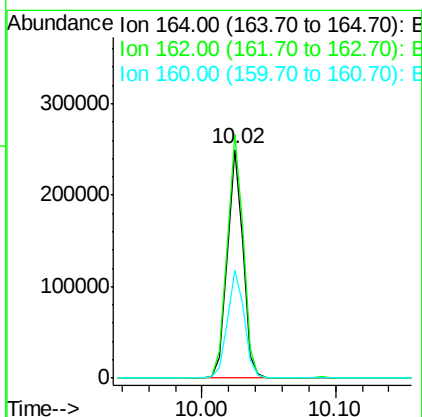
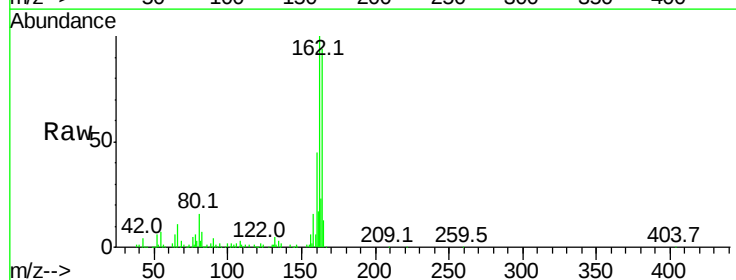
Instrument :
 BNA_F
 ClientSampleId :
 071618-DBRI-F-U-B

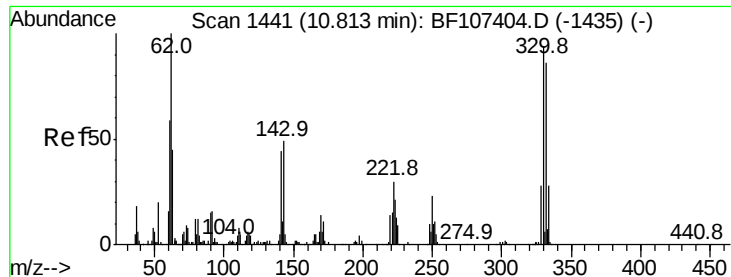
Tot Ion	82	Resp	900249
Ion	Ratio	Lower	Upper
82	100		
128	36.1	36.1	54.1
54	62.4	41.4	62.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF107505.D
 Acq: 19 Jul 2018 9:48

Tgt Ion	164	Resp	208920
Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	47.4	38.3	57.5

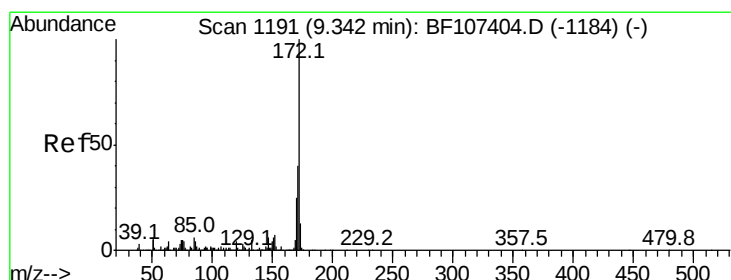
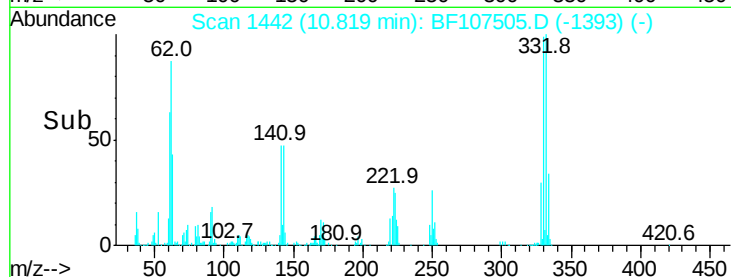
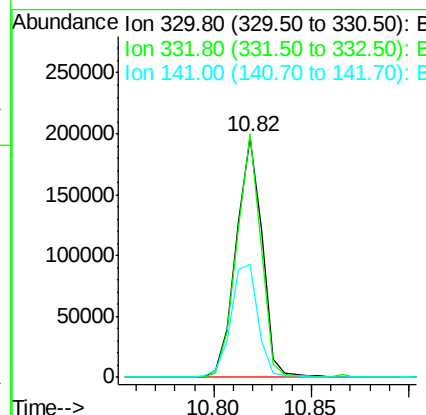
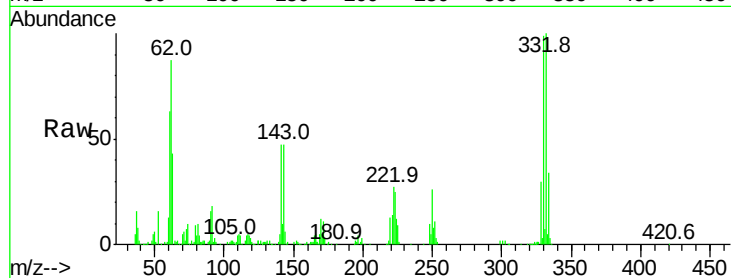




#41
2,4,6-Tribromophenol
Concen: 99.095 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

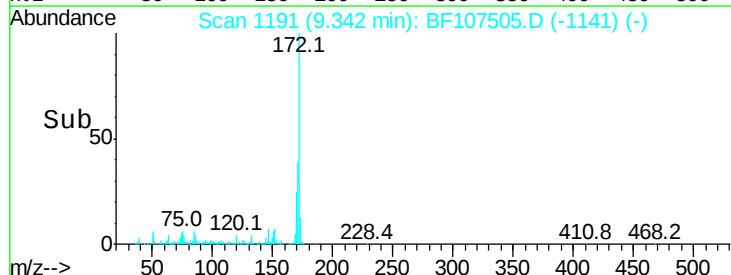
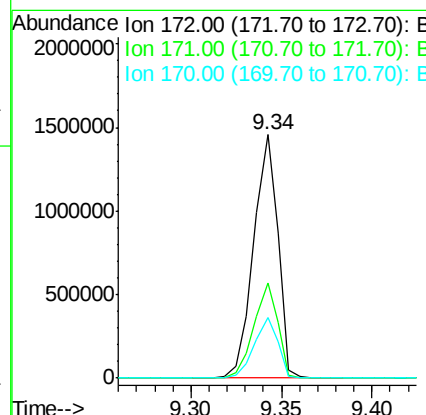
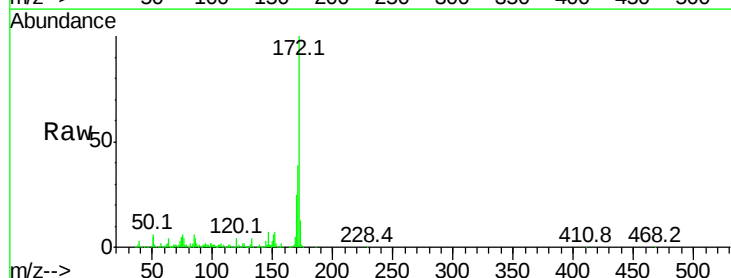
Instrument :
BNA_F
ClientSampleId :
071618-DBRI-F-U-B

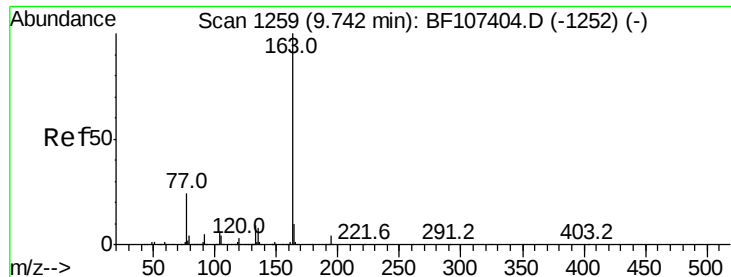
Tot Ion:330 Resp: 181900
Ion Ratio Lower Upper
330 100
332 94.5 77.0 115.6
141 49.2 29.9 44.9#



#44
2-Fluorobiphenyl
Concen: 111.371 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107505.D
Acq: 19 Jul 2018 9:48

Tgt Ion:172 Resp: 1353352
Ion Ratio Lower Upper
172 100
171 39.1 29.7 44.5
170 25.0 19.6 29.4





#49

Dimethylphthalate

Concen: 7.742 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Instrument :

BNA_F

ClientSampleId :

071618-DBRI-F-U-B

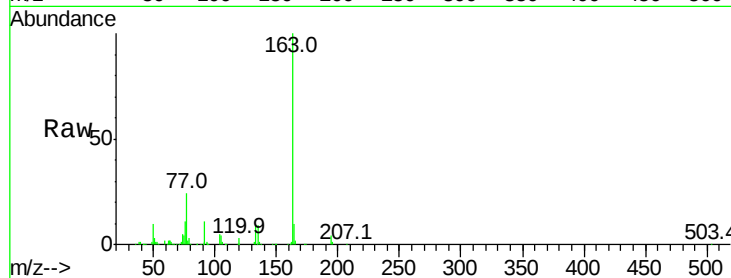
Tot Ion:163 Resp: 128505

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

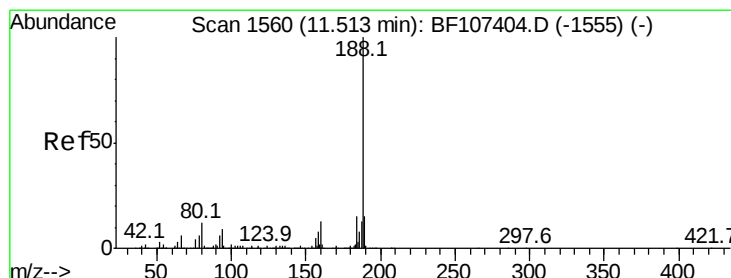
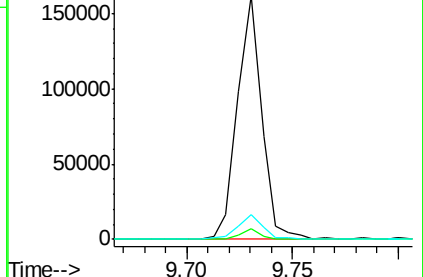
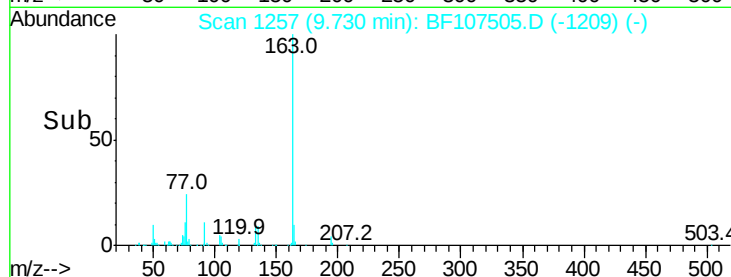
164 10.3 8.2 12.2



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: 20.000 ng

RT: 11.52 min Scan# 1561

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

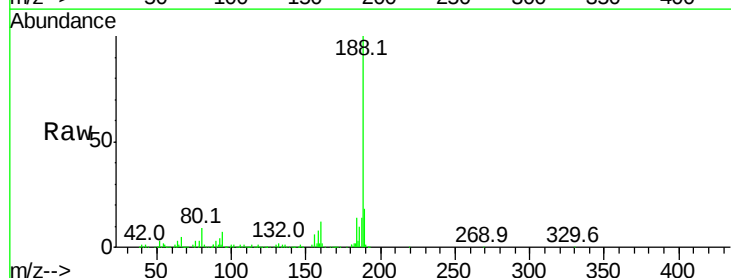
Tgt Ion:188 Resp: 371859

Ion Ratio Lower Upper

188 100

94 7.4 8.5 12.7#

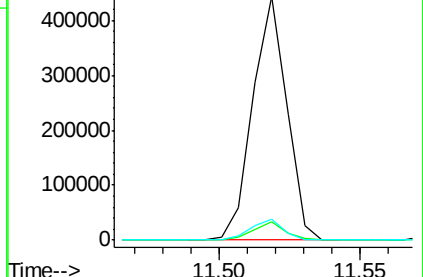
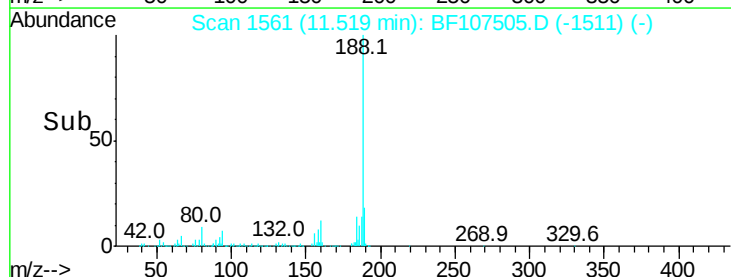
80 8.8 9.2 13.8#

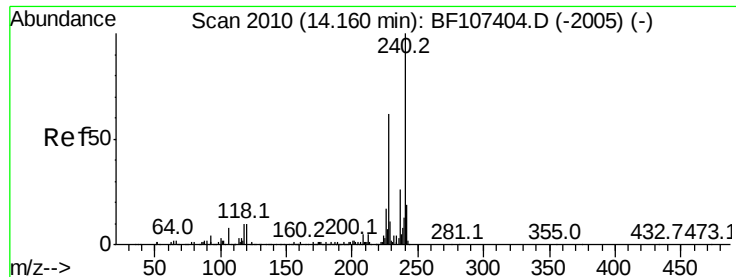


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.17 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

Instrument :

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ClientSampleId :

071618-DBRI-F-U-B

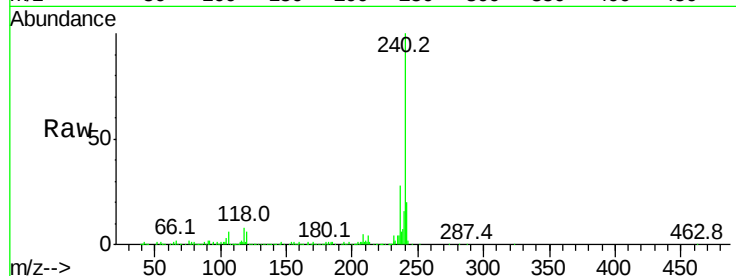
Tot Ion:240 Resp: 285353

Ion Ratio Lower Upper

240 100

120 6.0 9.5 14.3#

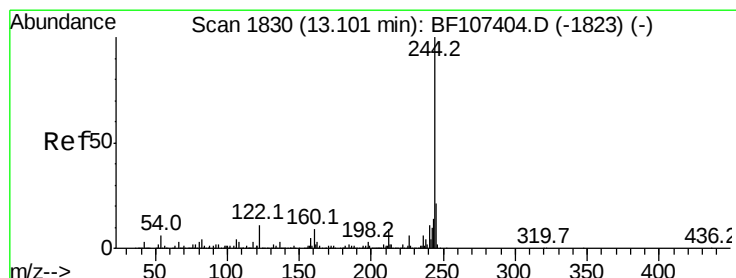
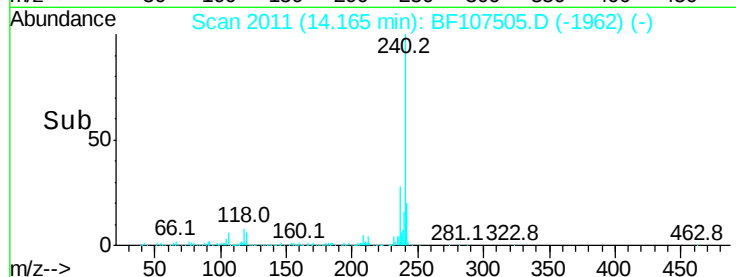
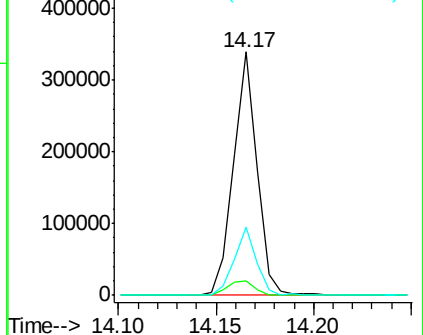
236 27.9 20.7 31.1



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: 103.667 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107505.D

Acq: 19 Jul 2018 9:48

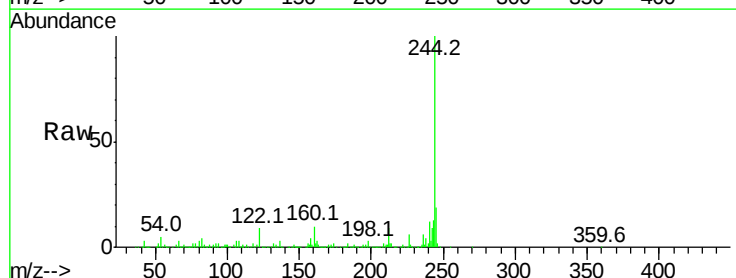
Tgt Ion:244 Resp: 1190611

Ion Ratio Lower Upper

244 100

212 8.7 5.4 8.0#

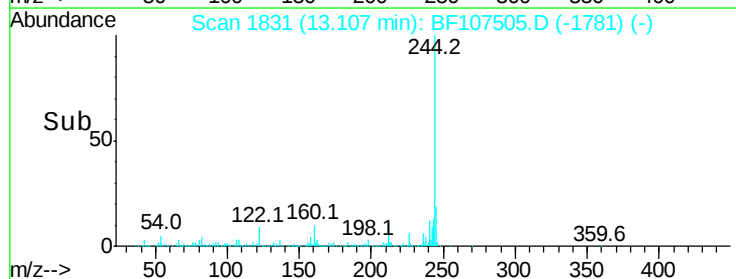
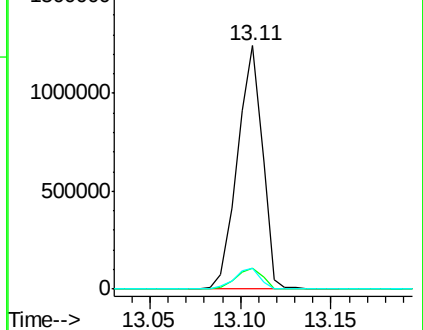
122 8.5 11.0 16.4#

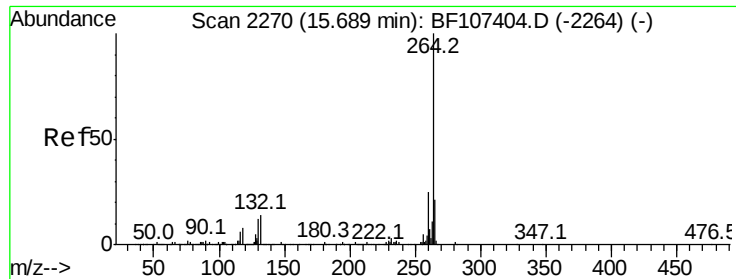


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.71 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF107505.D
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Instrument :
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Tot Ion	Ratio	Lower	Upper
264	100		
260	28.6	19.2	28.8
265	18.8	17.5	26.3

