

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107457.D
 Acq On : 17 Jul 2018 18:47
 Operator : JU/SJ
 Sample : J4013-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-I-S

Quant Time: Jul 18 01:38:39 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 17 11:29:08 2018
 Response via : Initial Calibration

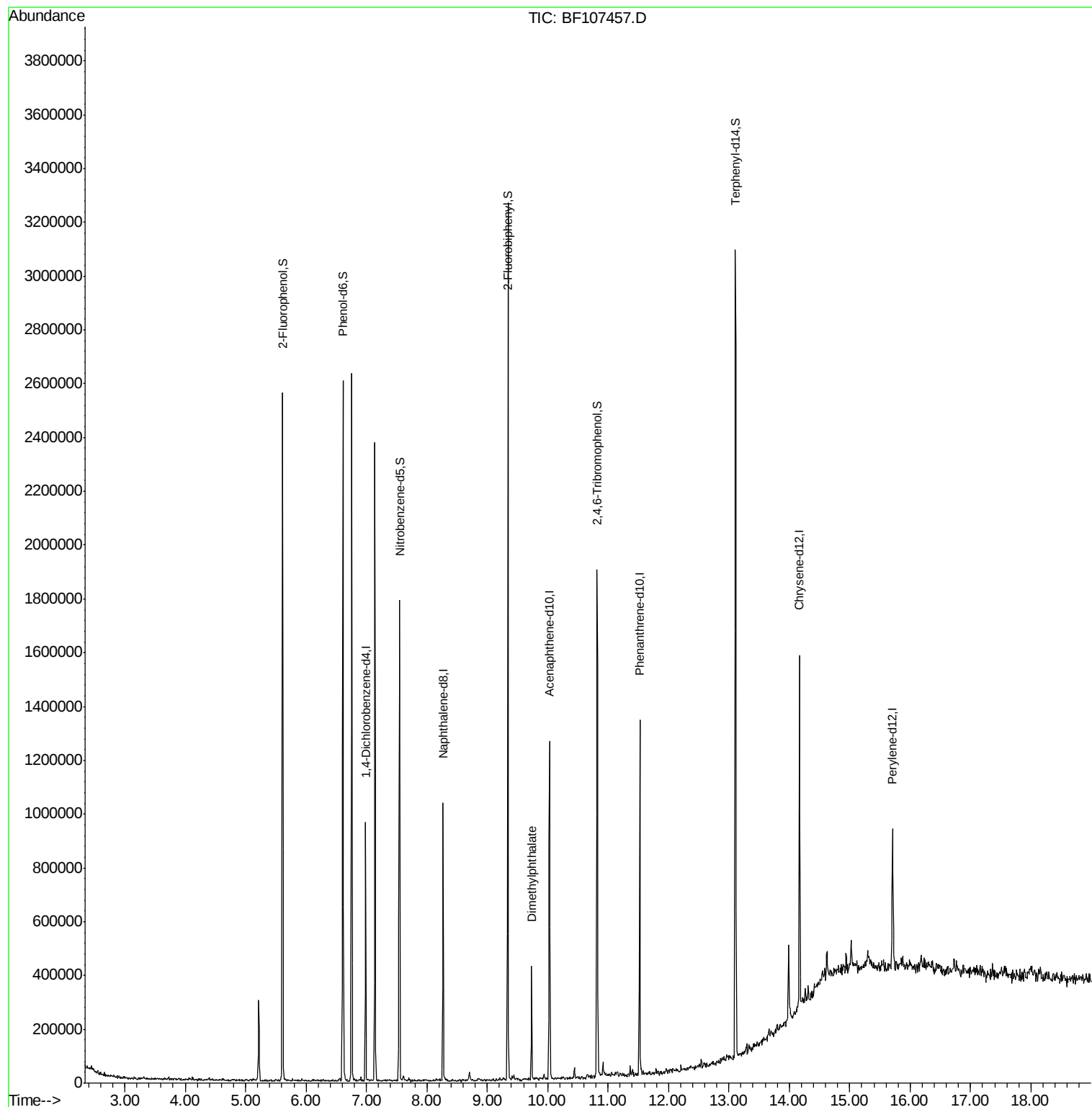
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	105959	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	394617	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	206273	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	416709	20.00	ng	0.00
75) Chrysene-d12	14.17	240	387463	20.00	ng	0.00
86) Perylene-d12	15.71	264	233814	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	557424	79.90	ng	0.00
7) Phenol-d6	6.61	99	731053	81.05	ng	0.00
23) Nitrobenzene-d5	7.55	82	511915	69.17	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	155907	86.02	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	845432	65.90	ng	0.00
78) Terphenyl-d14	13.11	244	954892	61.23	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	136599	8.335	ng	Qvalue # 98

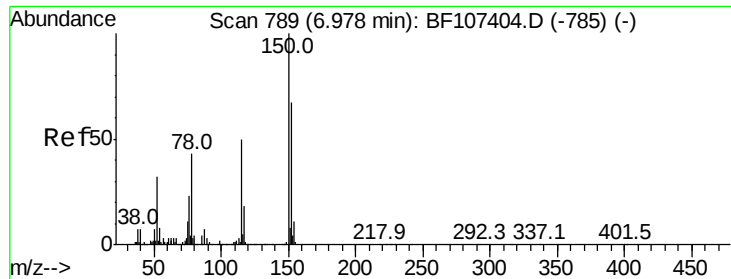
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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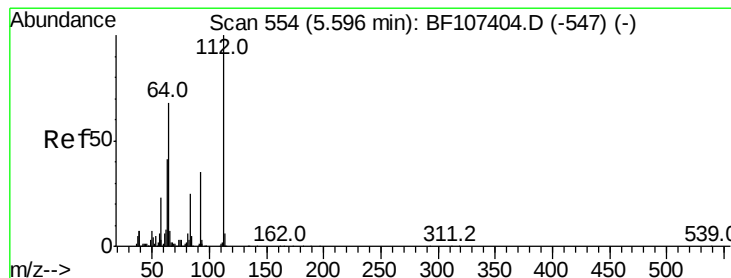
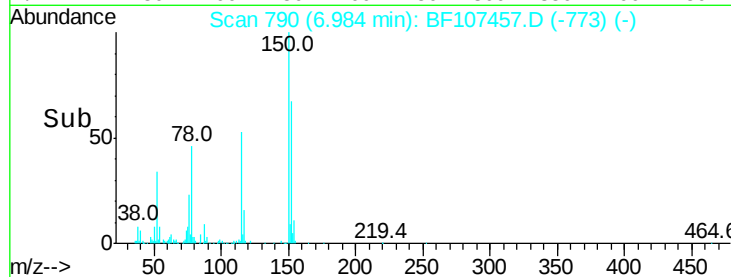
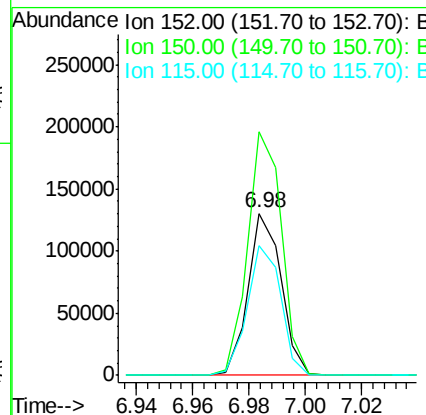
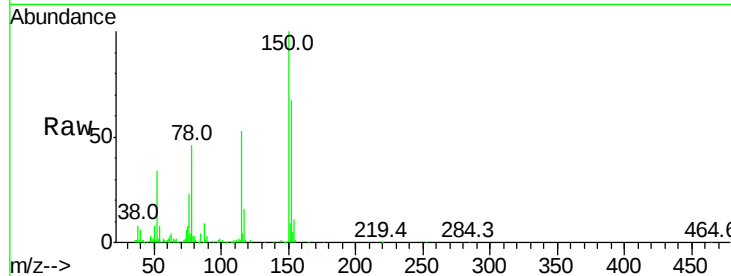


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

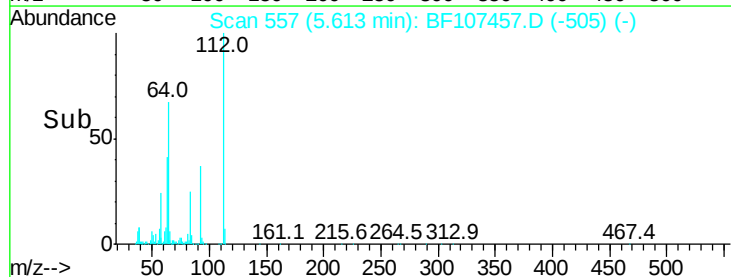
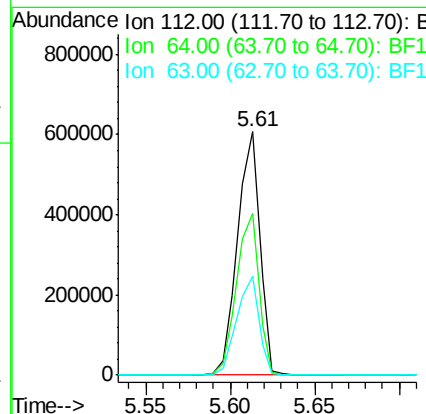
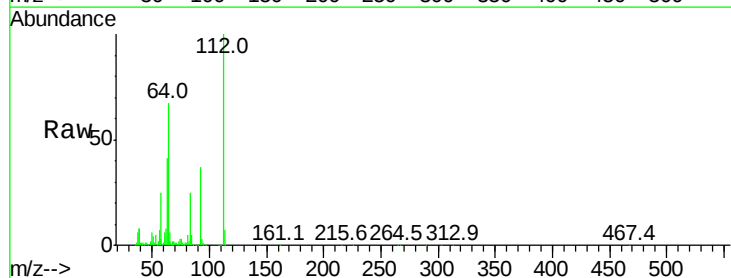
Tot Ion	Ratio	Lower	Upper
152	100		
150	150.1	124.6	186.8
115	79.7	50.1	75.1

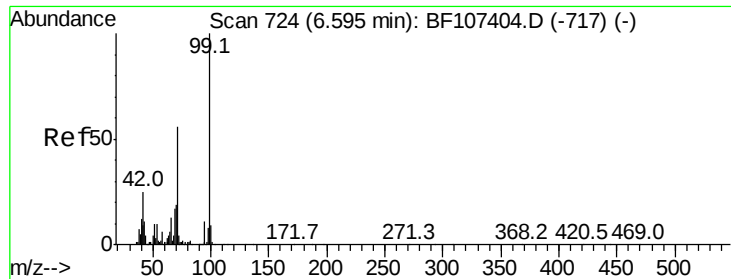


#5

2-Fluorophenol
Concen: 79.897 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.5	47.9	71.9
63	40.9	23.7	35.5





#7

Phenol-d6

Concen: 81.047 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

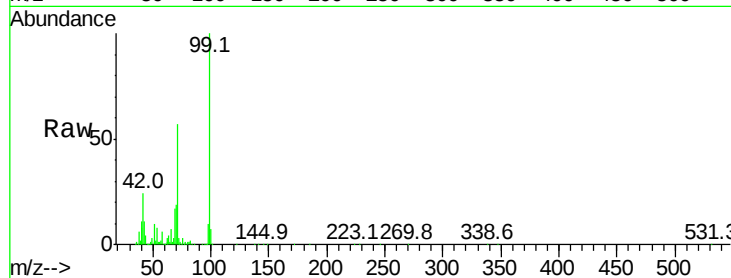
Tot Ion: 99 Resp: 731053

Ion Ratio Lower Upper

99 100

42 23.5 14.5 21.7#

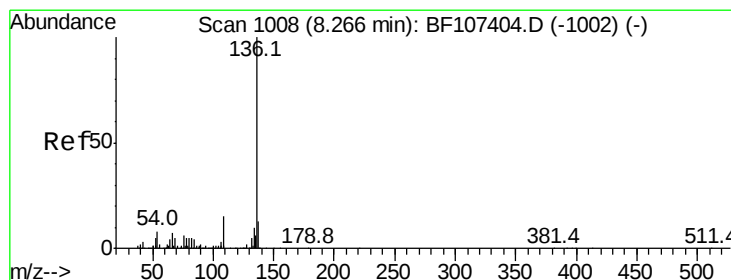
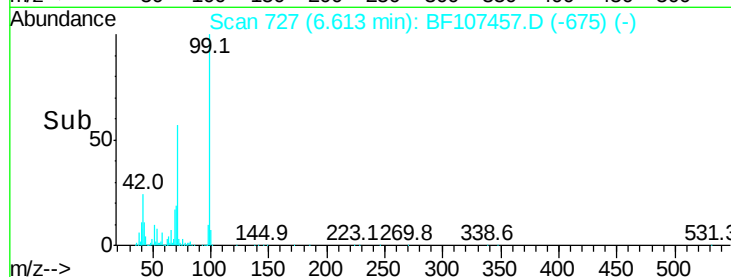
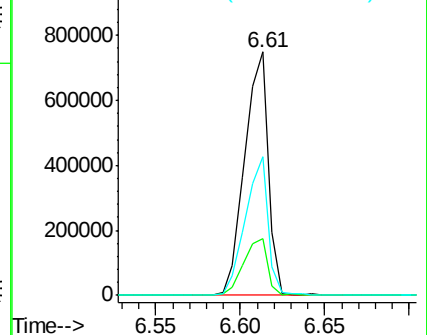
71 56.7 25.4 38.0#



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: BF107457.D

Acq: 17 Jul 2018 18:47

Tgt Ion: 136 Resp: 394617

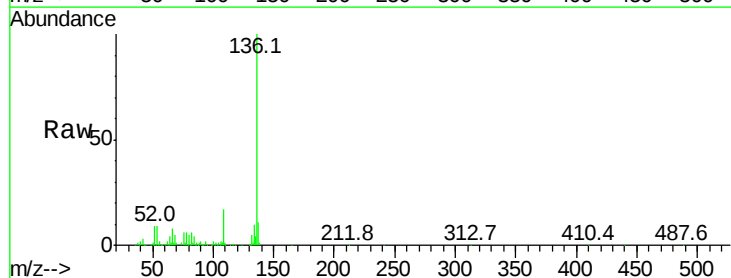
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.2 6.6 9.8

68 5.4 5.0 7.4

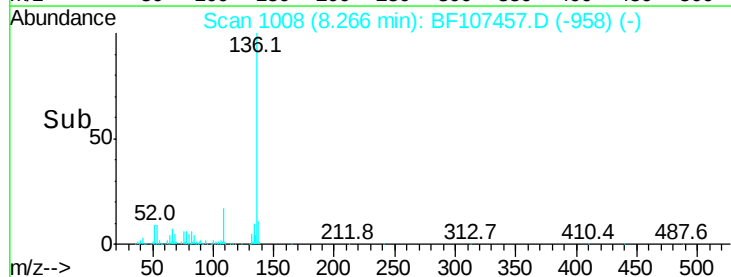
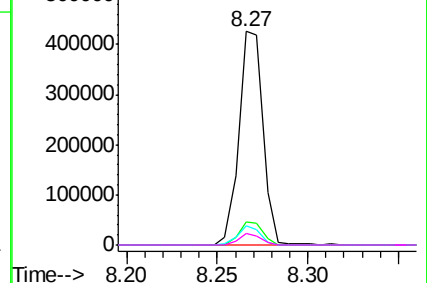


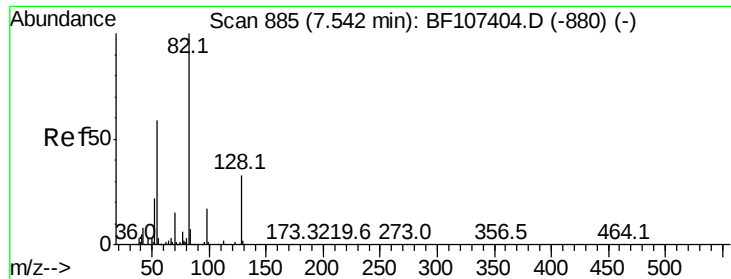
Abundance Ion 136.00 (135.70 to 136.70): E

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

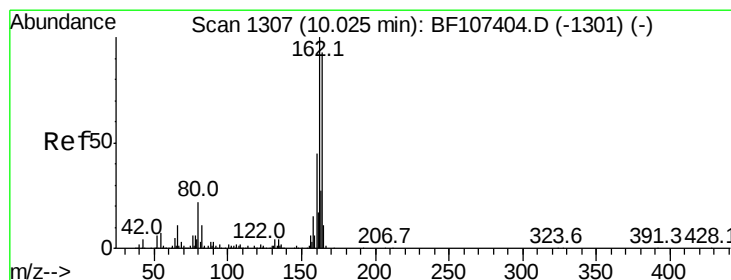
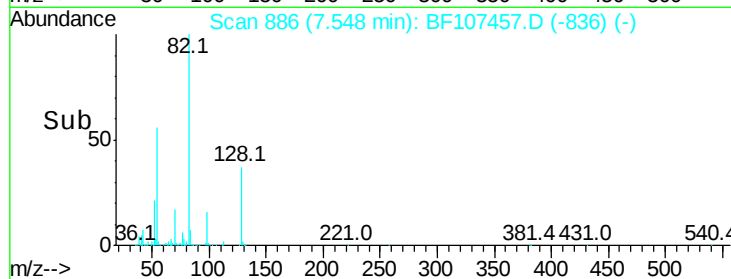
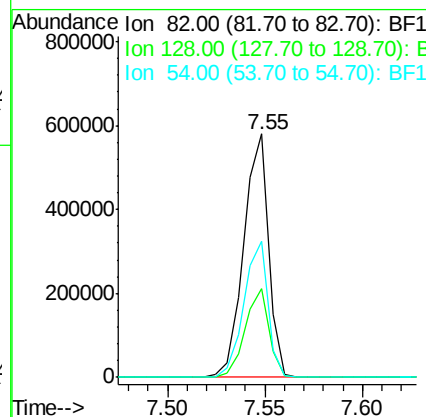
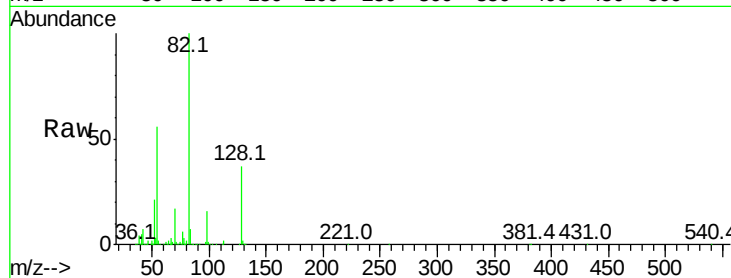




#23
 Nitrobenzene-d5
 Concen: 69.174 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107457.D
 Acq: 17 Jul 2018 18:47

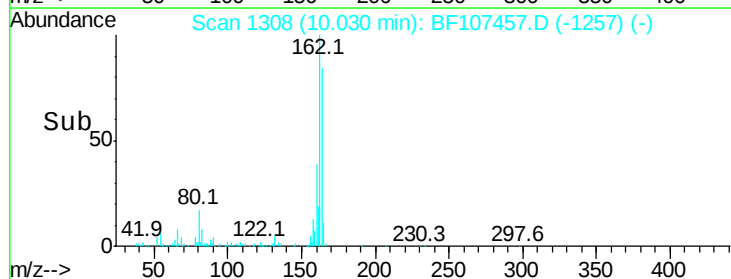
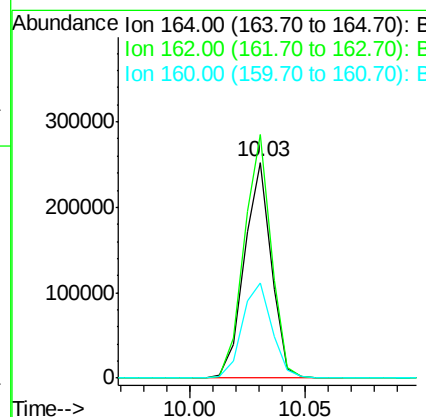
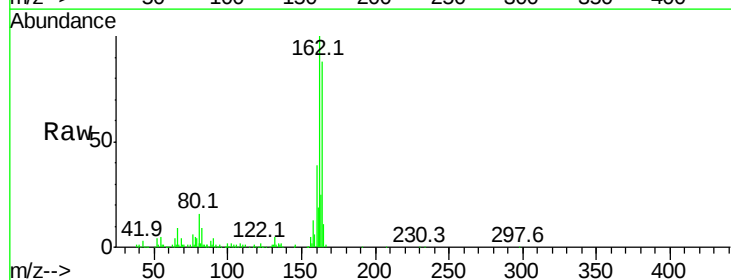
Instrument :
 BNA_F
 ClientSampleId :
 TP-I-S

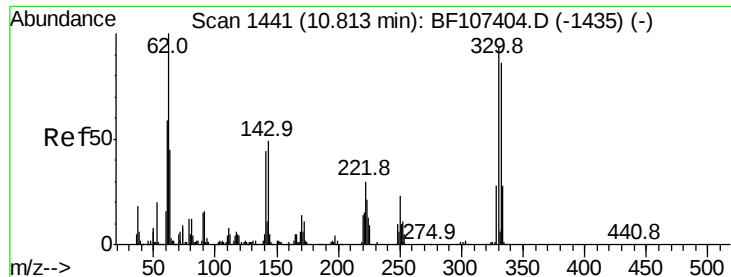
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.1	54.1
54	56.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF107457.D
 Acq: 17 Jul 2018 18:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	113.0	86.1	129.1
160	44.1	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 86.025 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

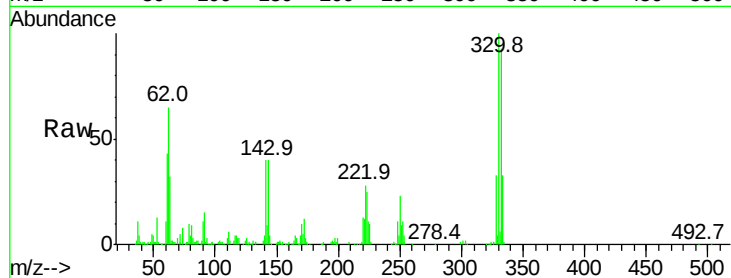
Tot Ion:330 Resp: 155907

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

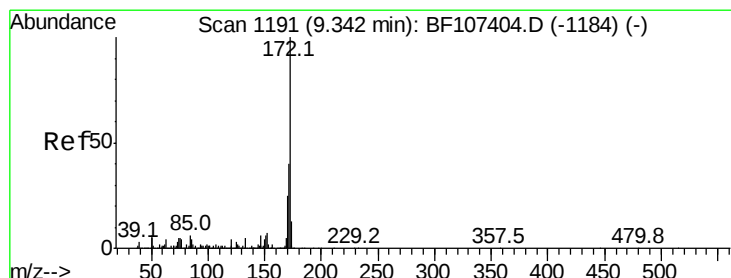
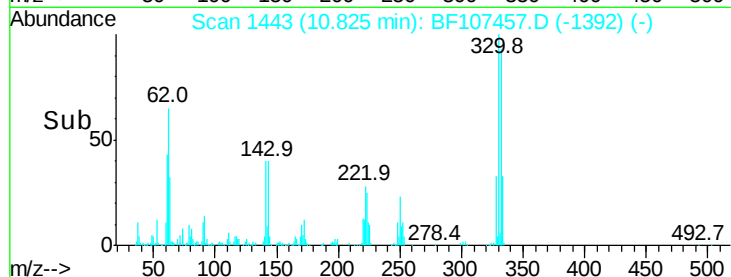
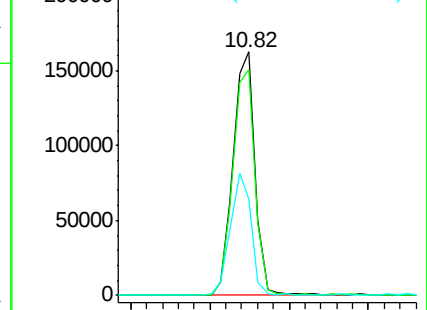
141 47.8 29.9 44.9#



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: 65.902 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

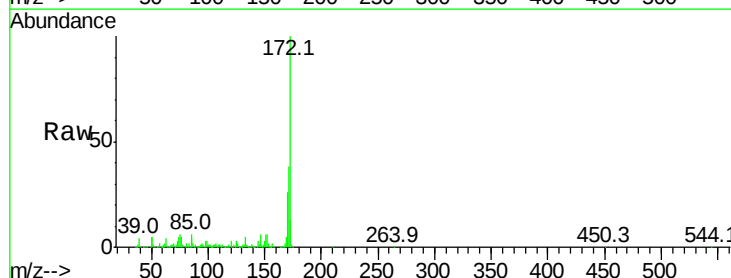
Tgt Ion:172 Resp: 845432

Ion Ratio Lower Upper

172 100

171 37.8 29.7 44.5

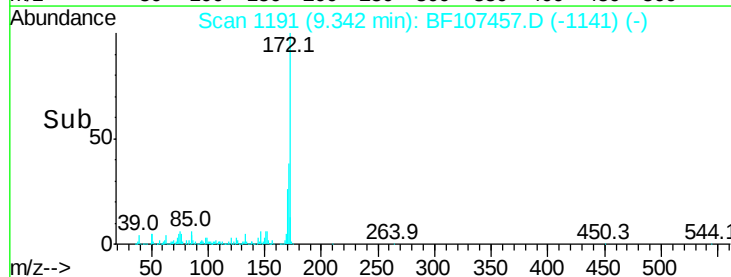
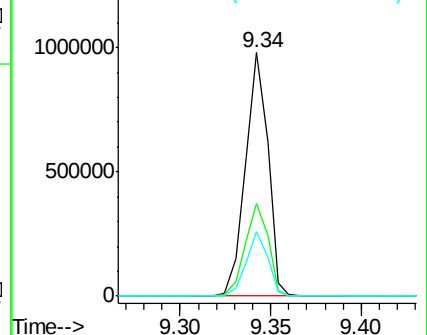
170 26.2 19.6 29.4

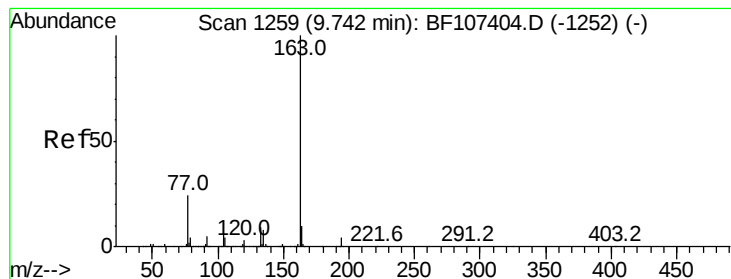


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.335 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

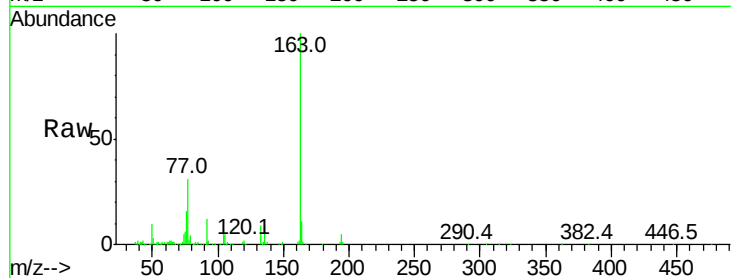
Tot Ion:163 Resp: 136599

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

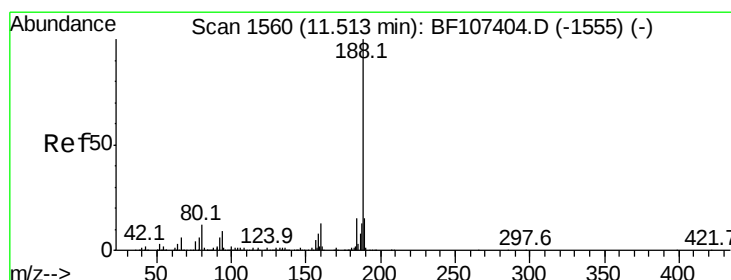
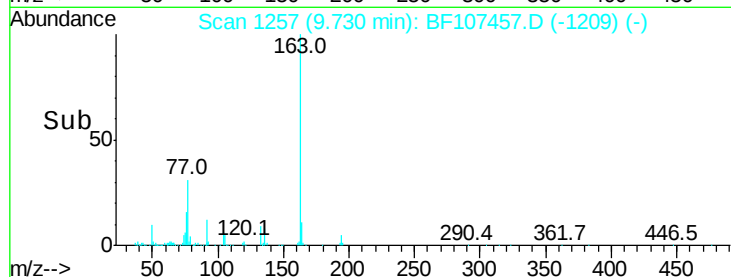
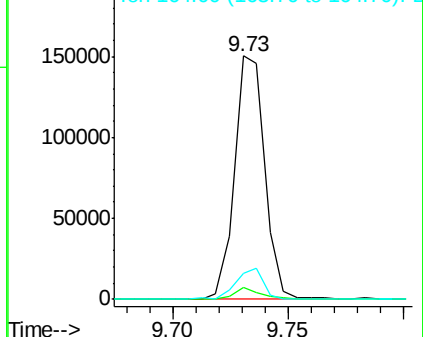
164 10.6 8.2 12.2



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# 1562

Delta R.T. 0.00 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

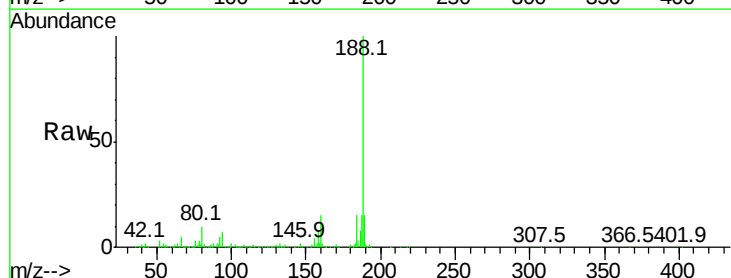
Tgt Ion:188 Resp: 416709

Ion Ratio Lower Upper

188 100

94 6.8 8.5 12.7#

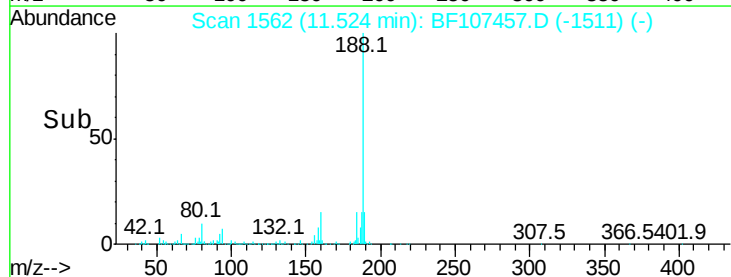
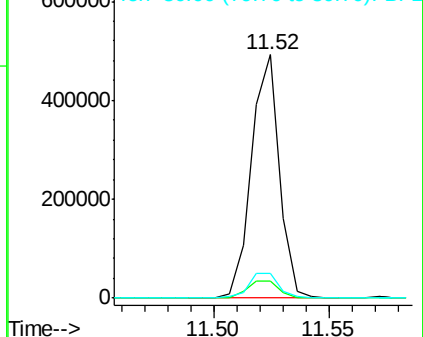
80 10.1 9.2 13.8

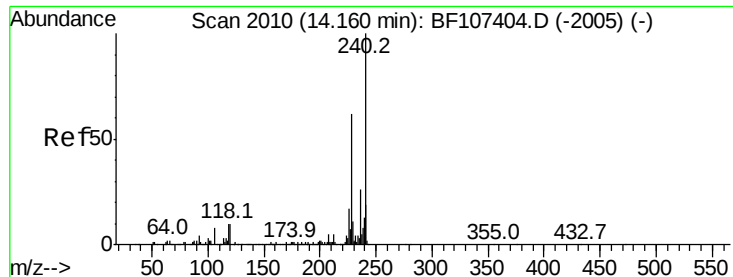


Abundance Ion 188.00 (187.70 to 188.70): E

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# 2012

Delta R.T. 0.00 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

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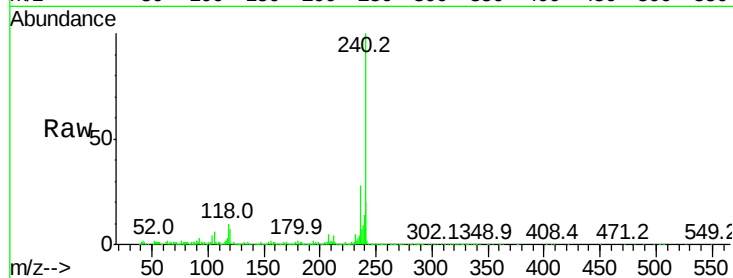
Tot Ion:240 Resp: 387463

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

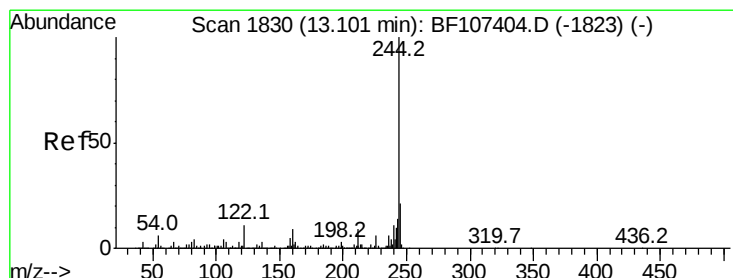
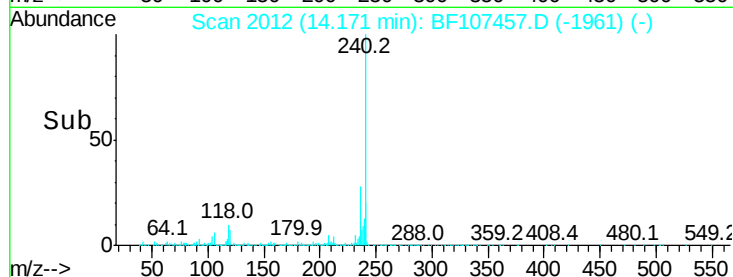
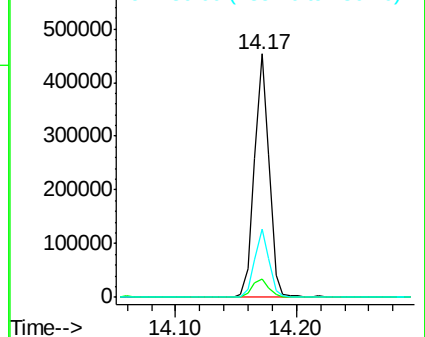
236 27.8 20.7 31.1



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: 61.232 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

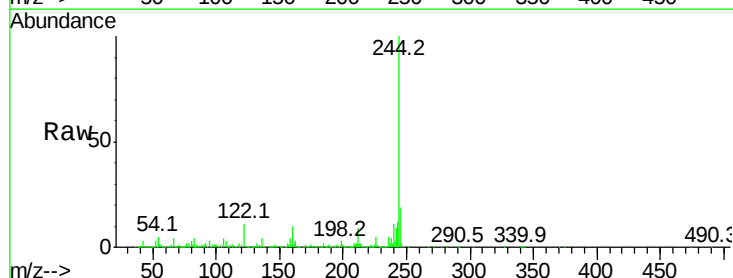
Tgt Ion:244 Resp: 954892

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

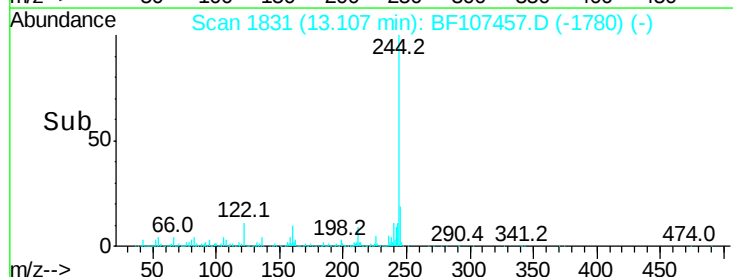
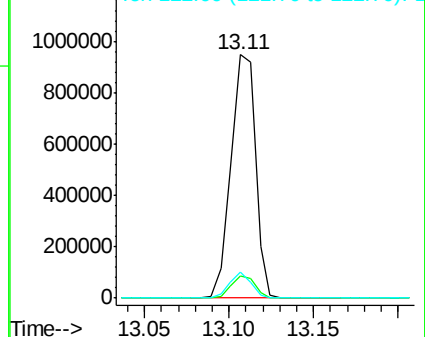
122 10.5 11.0 16.4#

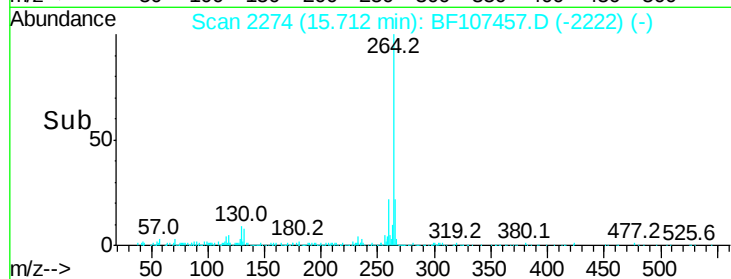
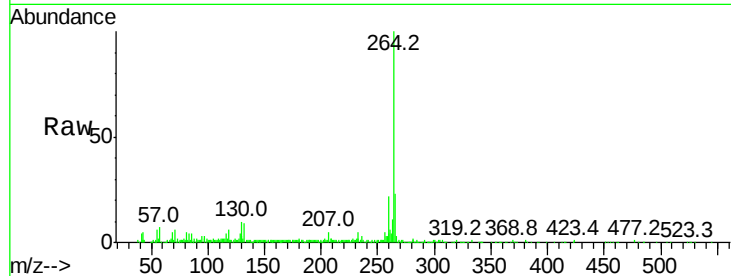
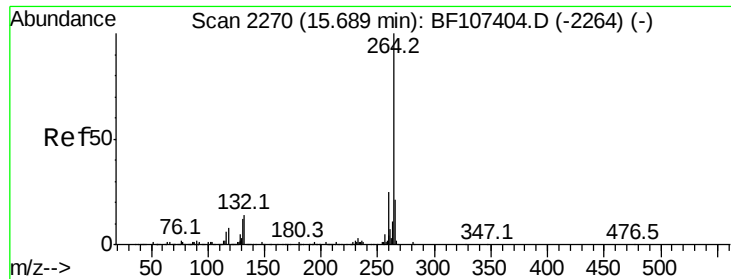


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2274

Delta R.T. 0.01 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

Tot Ion:264 Resp: 233814

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 22.6 17.5 26.3

