

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107456.D
 Acq On : 17 Jul 2018 18:20
 Operator : JU/SJ
 Sample : J3996-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Quant Time: Jul 18 01:35:40 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

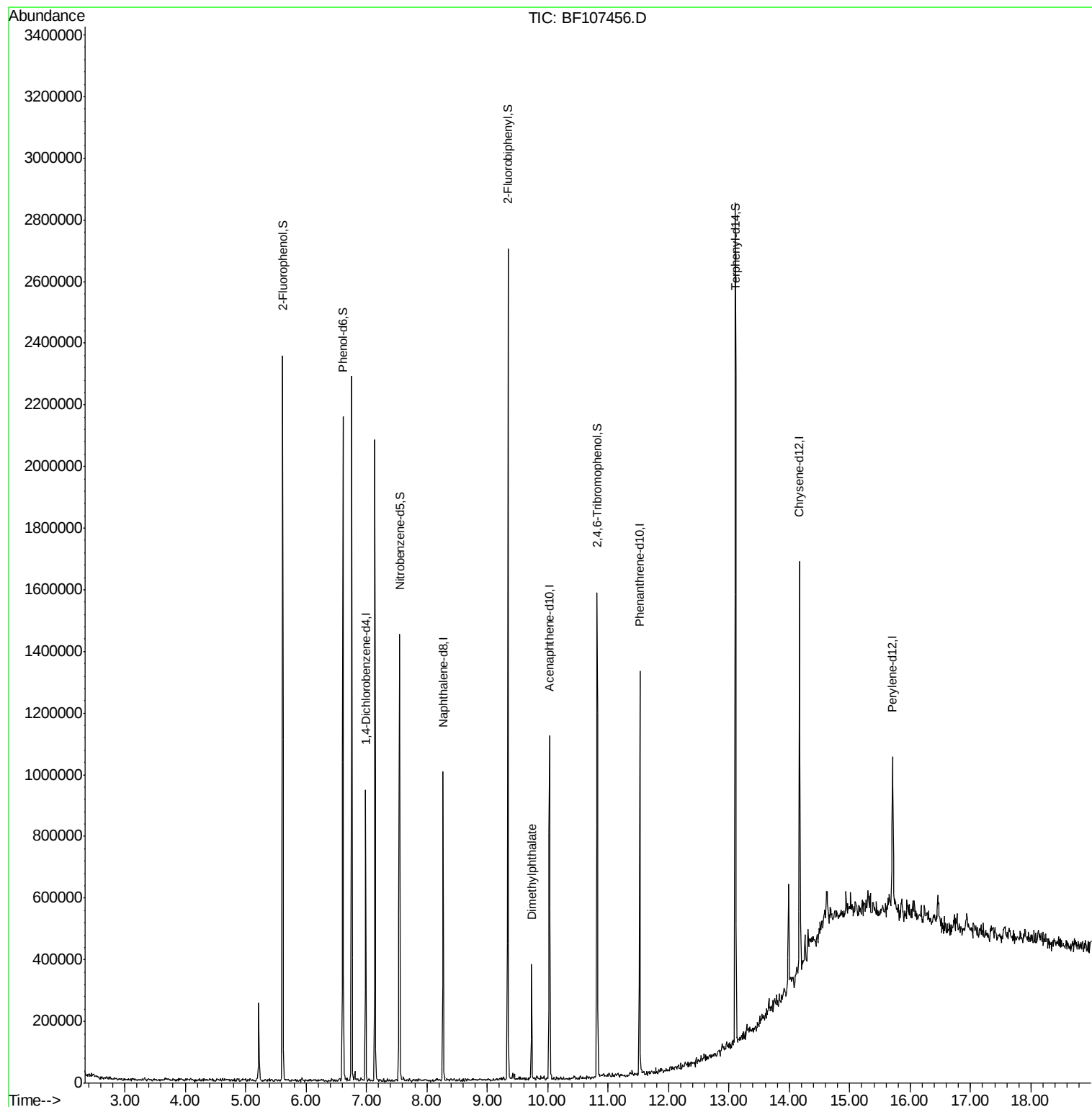
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	112204	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	374797	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	188957	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	407777	20.00	ng	0.00
75) Chrysene-d12	14.17	240	403430	20.00	ng	0.00
86) Perylene-d12	15.71	264	212685	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	498493	67.47	ng	0.00
7) Phenol-d6	6.61	99	605104	63.35	ng	0.00
23) Nitrobenzene-d5	7.55	82	423636	60.27	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	123630	74.47	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	694967	57.86	ng	0.00
78) Terphenyl-d14	13.11	244	811037	49.95	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.74	163	128754	8.576	ng	97

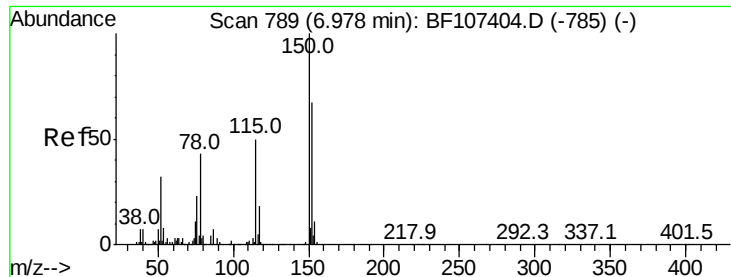
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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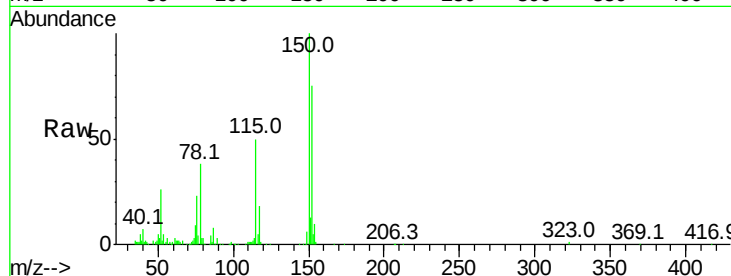


#1

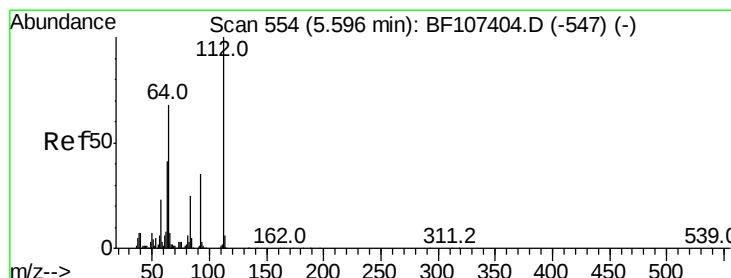
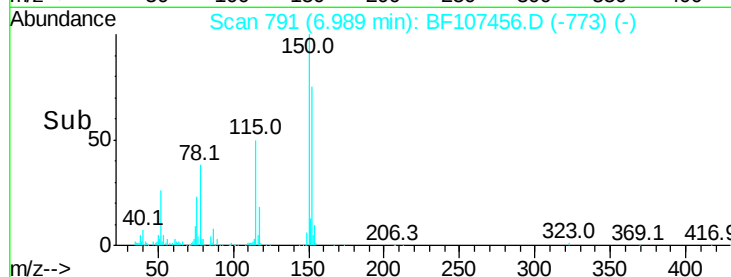
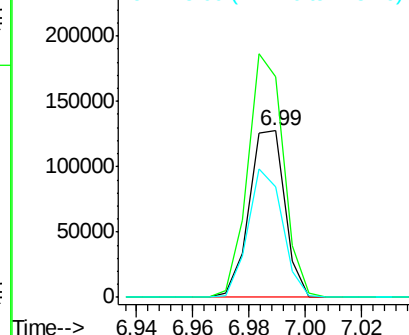
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampled :
MH-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	132.5	124.6	186.8
115	66.5	50.1	75.1



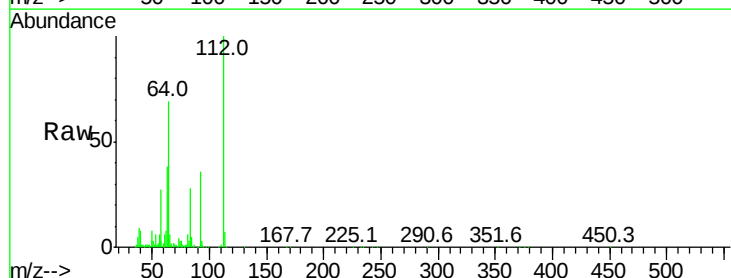
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



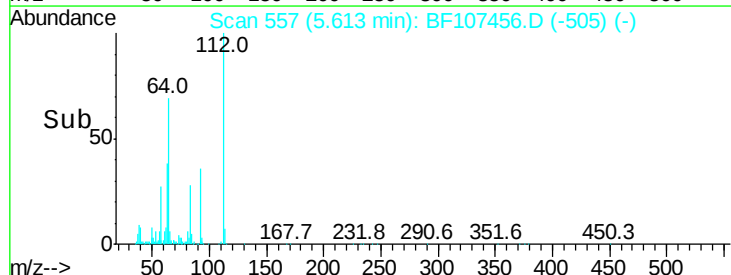
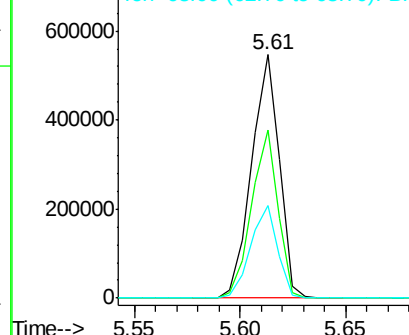
#5

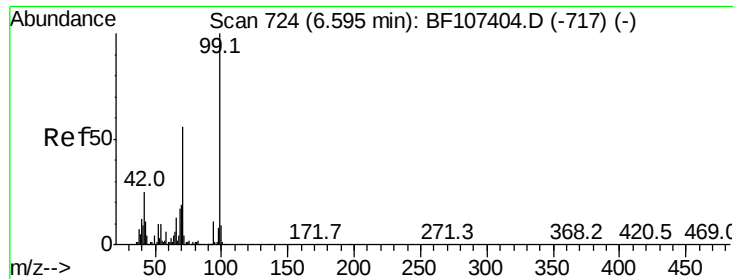
2-Fluorophenol
Concen: 67.474 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	47.9	71.9
63	37.8	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: 63.350 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

Instrument :

BNA_F

ClientSampleId :

MH-1

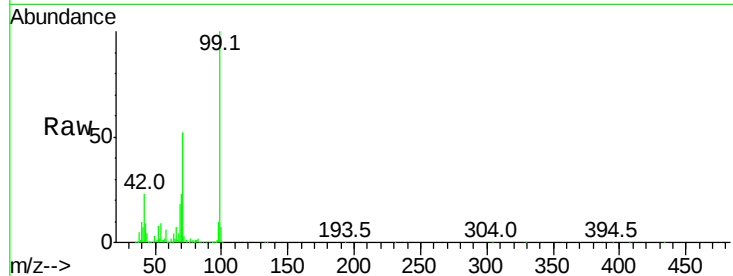
Tot Ion: 99 Resp: 605104

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

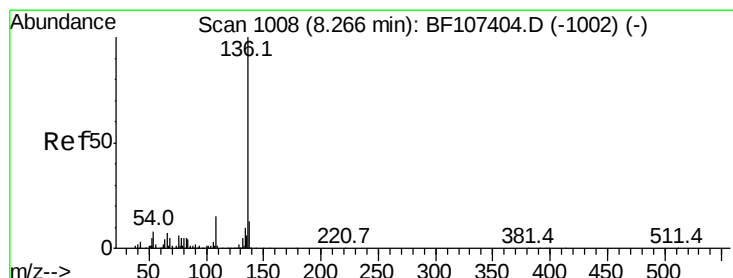
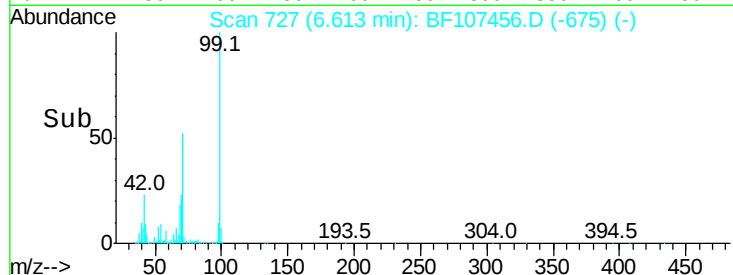
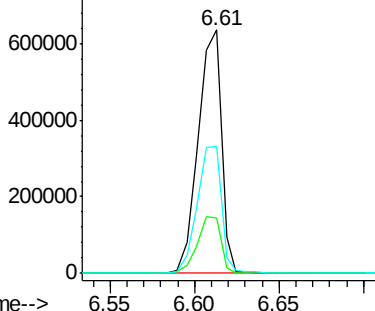
71 52.1 25.4 38.0#



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# 1009

Delta R.T. -0.00 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

Tgt Ion: 136 Resp: 374797

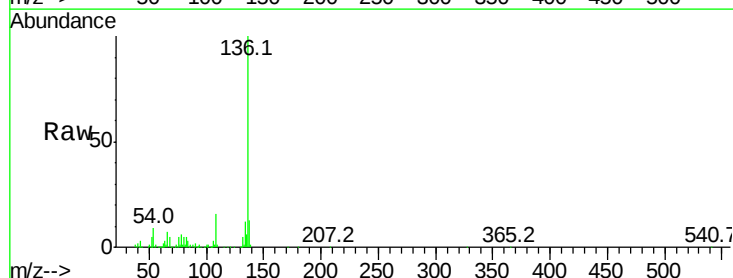
Ion Ratio Lower Upper

136 100

137 12.6 8.9 13.3

54 9.1 6.6 9.8

68 4.7 5.0 7.4#

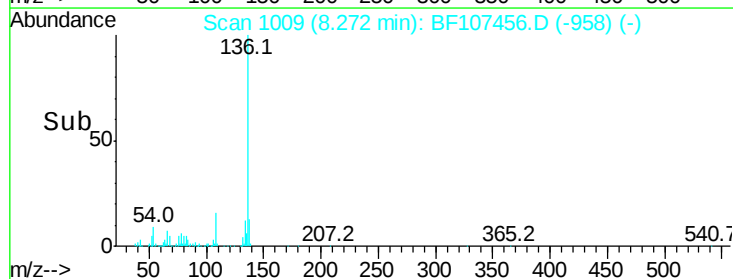
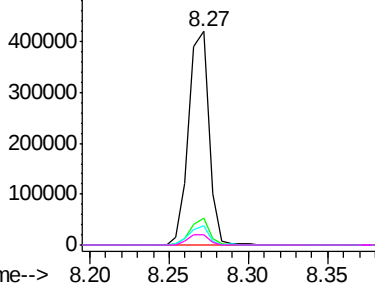


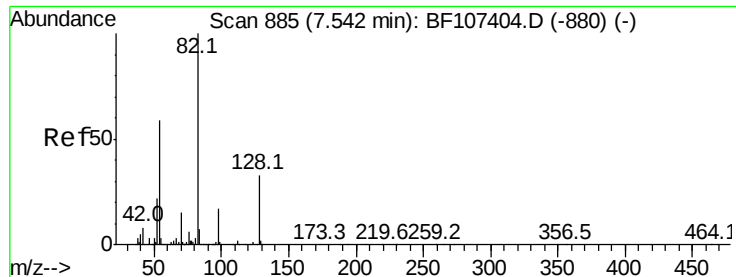
Abundance Ion 136.00 (135.70 to 136.70): E

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

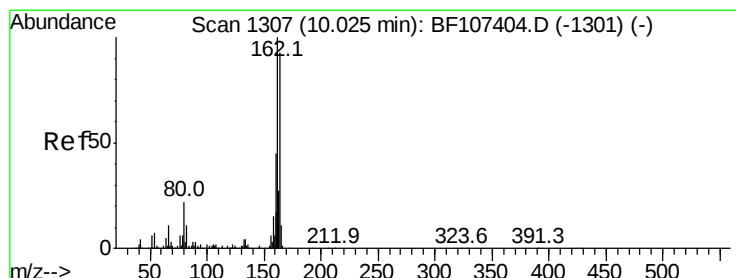
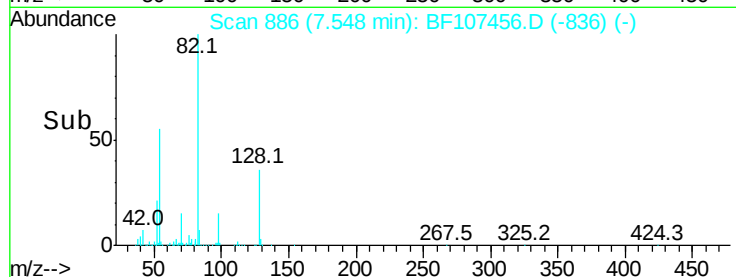
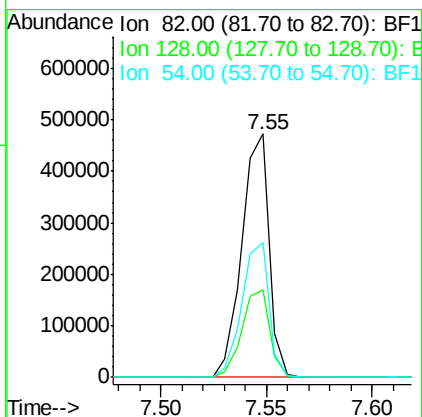
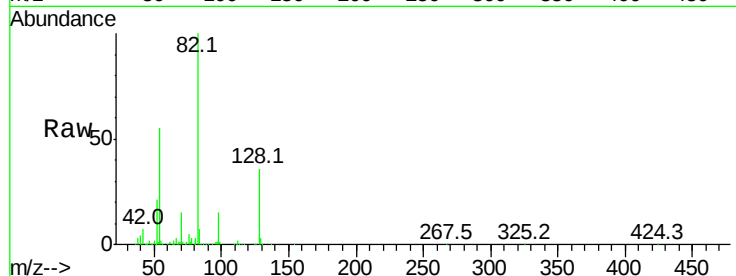




#23
Nitrobenzene-d5
Concen: 60.273 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

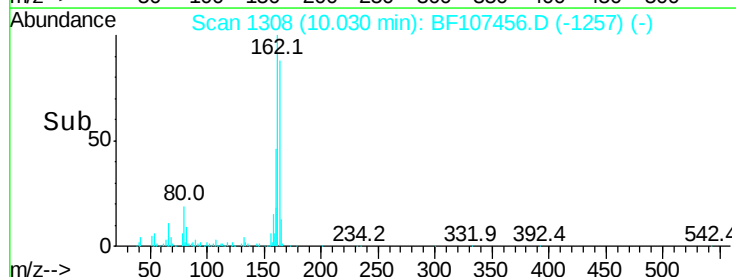
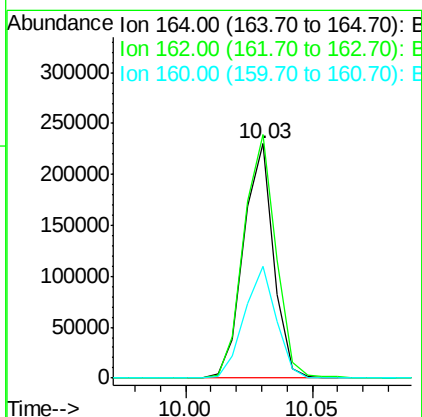
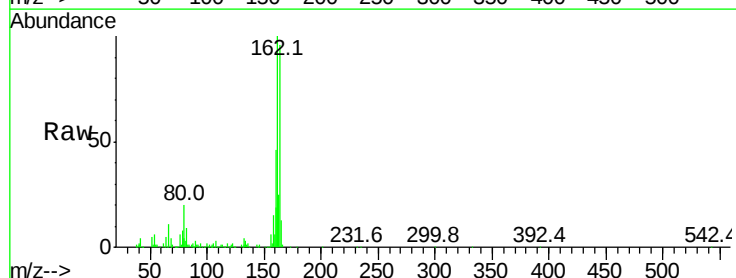
Instrument :
BNA_F
ClientSampleId :
MH-1

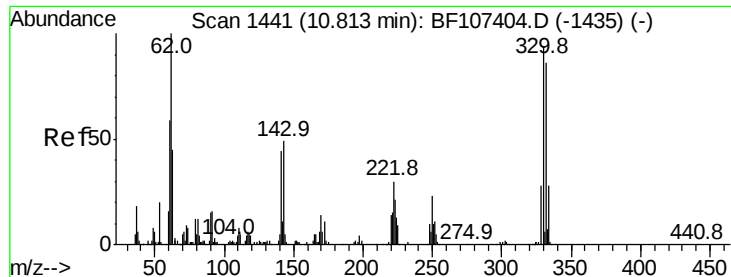
Tot Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	55.2	41.4	62.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	86.1	129.1
160	47.7	38.3	57.5

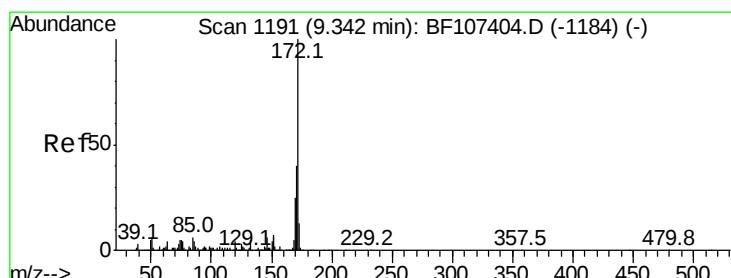
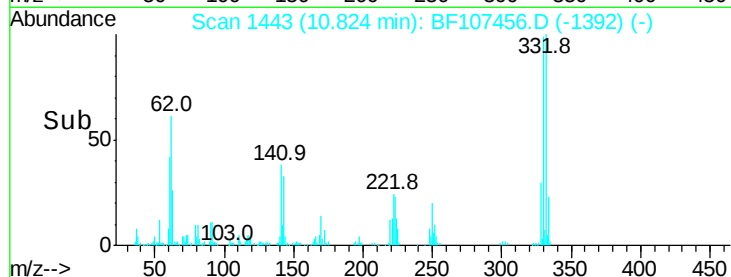
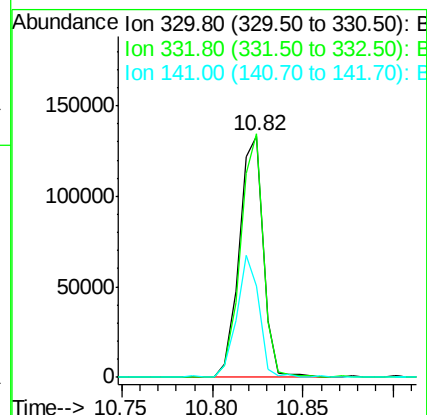
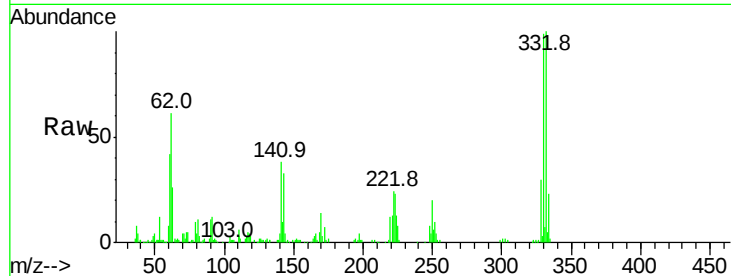




#41
2,4,6-Tribromophenol
Concen: 74.466 ng
RT: 10.82 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

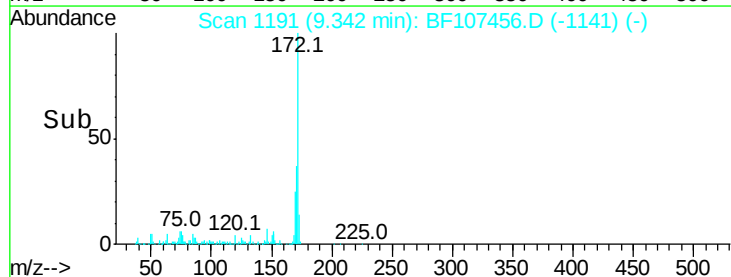
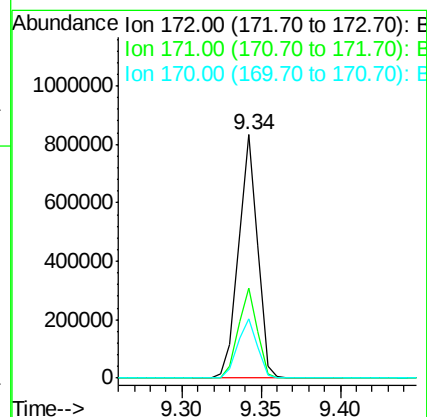
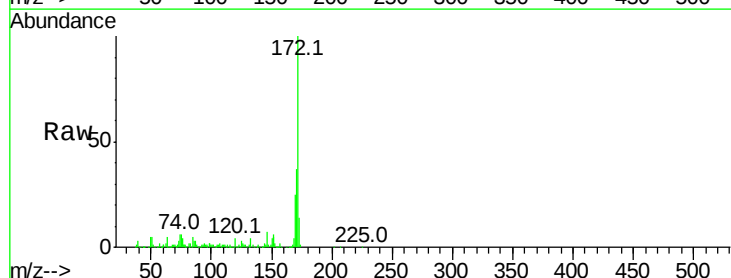
Instrument :
BNA_F
ClientSampleId :
MH-1

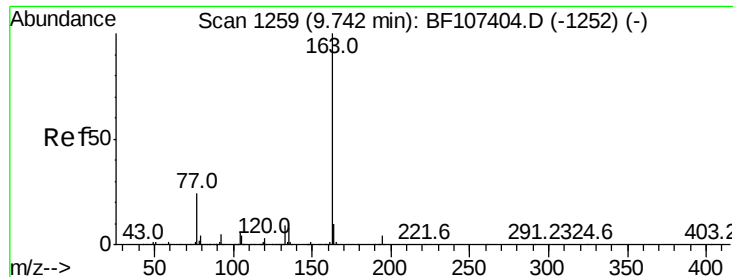
Tot Ion:330 Resp: 123630
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 46.9 29.9 44.9#



#44
2-Fluorobiphenyl
Concen: 57.863 ng
RT: 9.34 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:172 Resp: 694967
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.6 19.6 29.4





#49

Dimethylphthalate

Concen: 8.576 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

Instrument :

BNA_F

ClientSampleId :

MH-1

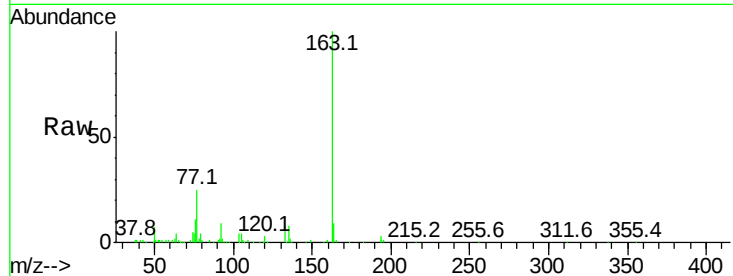
Tot Ion:163 Resp: 128754

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

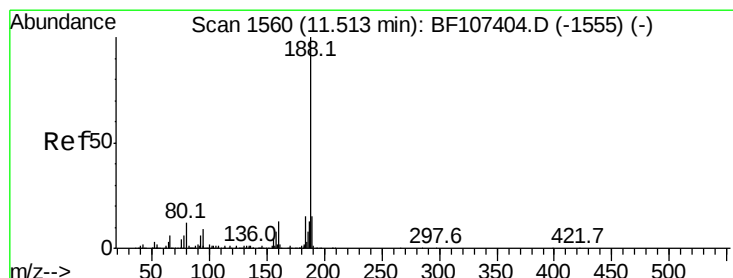
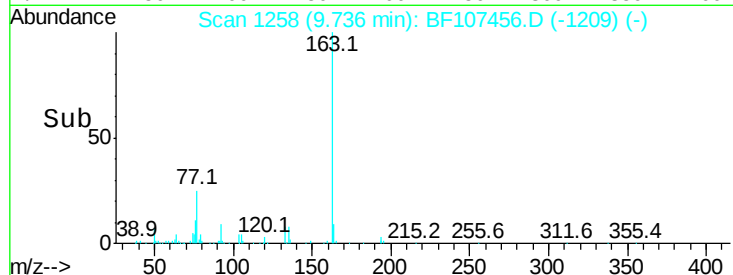
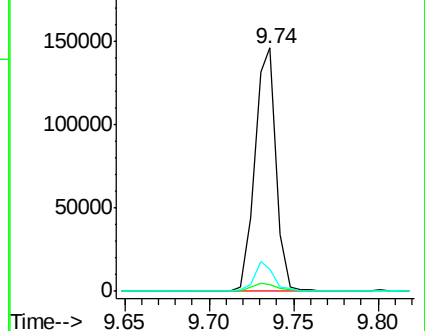
164 8.9 8.2 12.2



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: BF107456.D

Acq: 17 Jul 2018 18:20

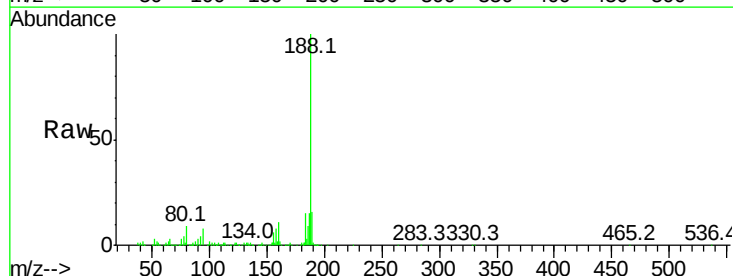
Tgt Ion:188 Resp: 407777

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

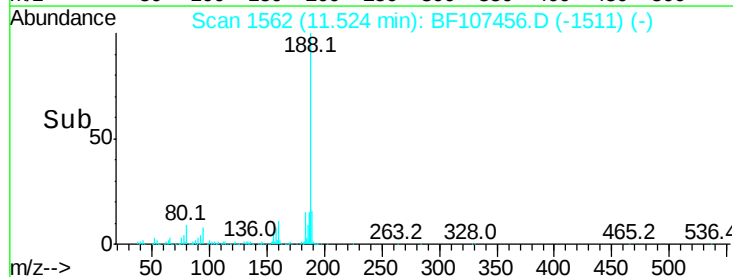
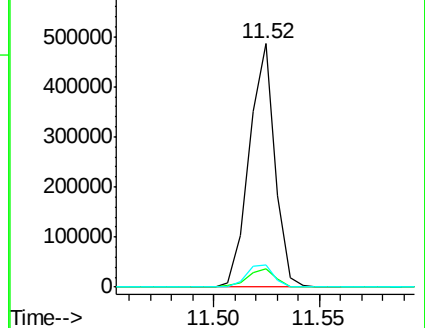
80 9.1 9.2 13.8#

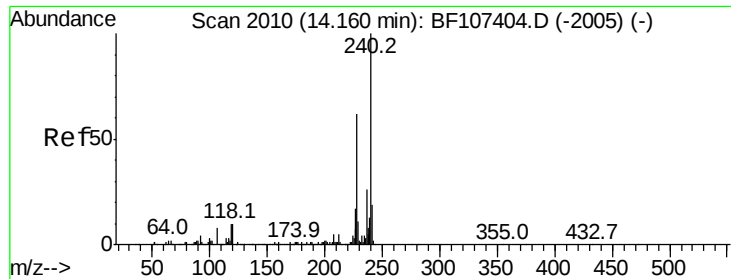


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107456.D

Acq: 17 Jul 2018 18:20

Instrument :

BNA_F

ClientSampleId :

MH-1

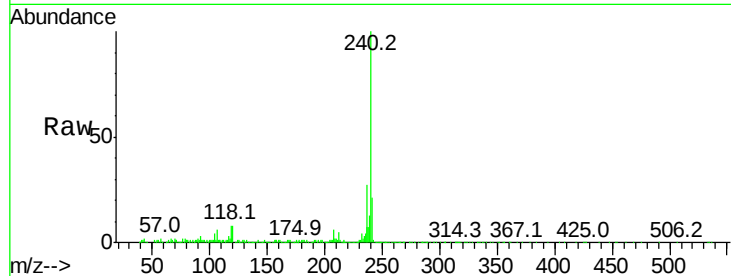
Tot Ion:240 Resp: 403430

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

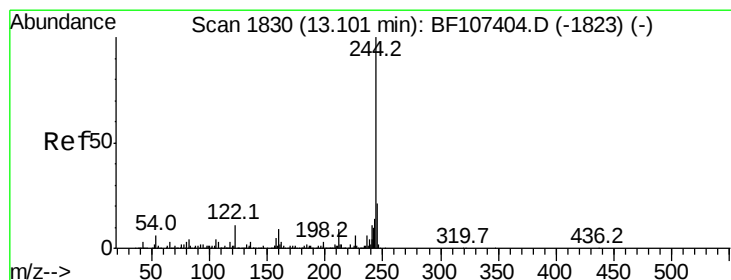
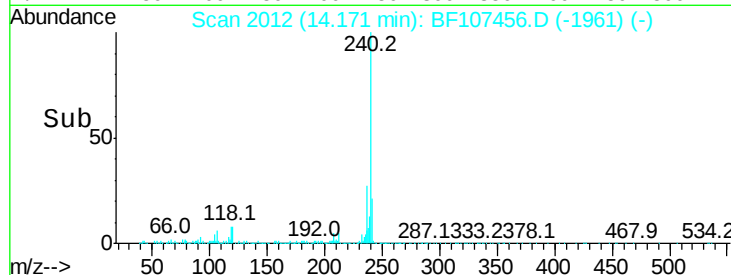
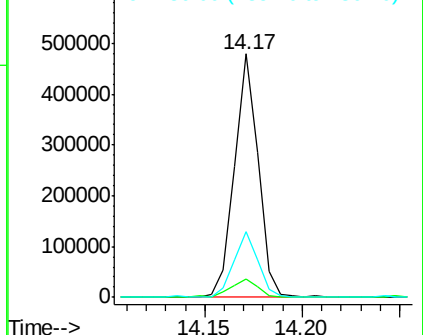
236 26.9 20.7 31.1



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: 49.949 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

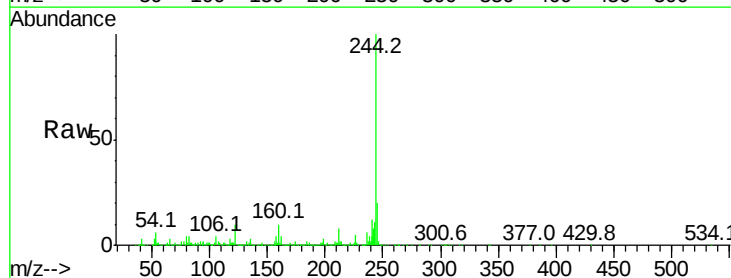
Tgt Ion:244 Resp: 811037

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

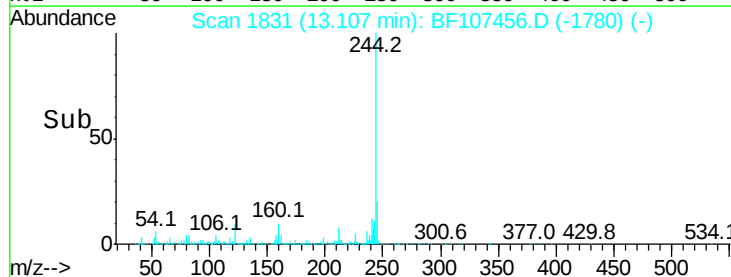
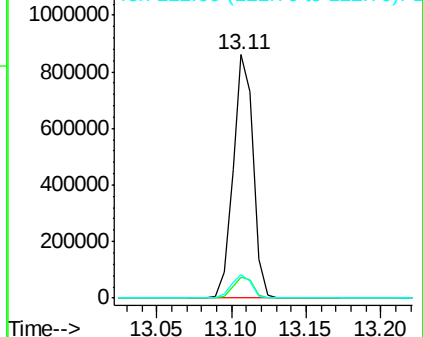
122 9.6 11.0 16.4#

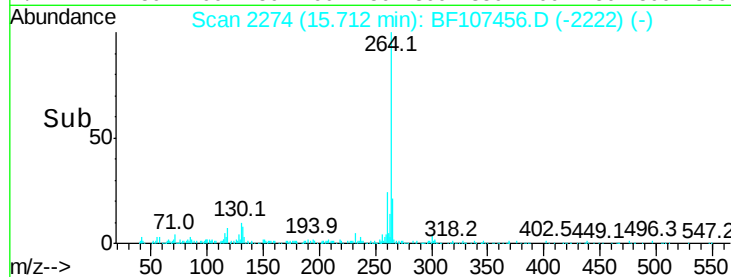
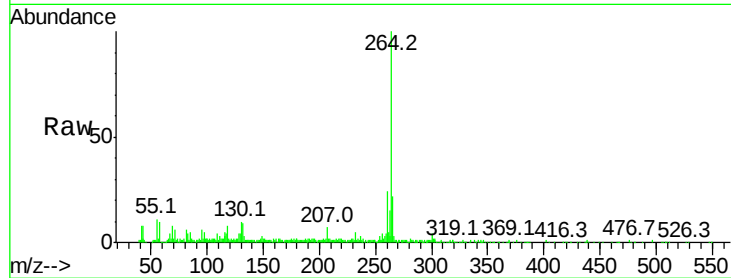
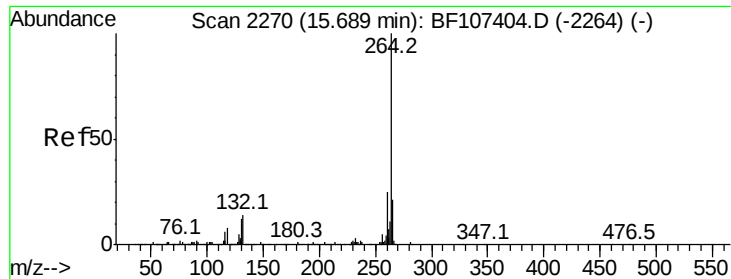


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107456.D
 Acq: 17 Jul 2018 18:20

Instrument :
 BNA_F
 ClientSampleId :
 MH-1

Tot Ion:264	Resp:	212685
Ion	Ratio	Lower Upper
264	100	
260	24.4	19.2 28.8
265	21.8	17.5 26.3

