

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071818\
 Data File : BF107487.D
 Acq On : 18 Jul 2018 19:33
 Operator : JU/SJ
 Sample : J4035-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2

Quant Time: Jul 19 01:18:05 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

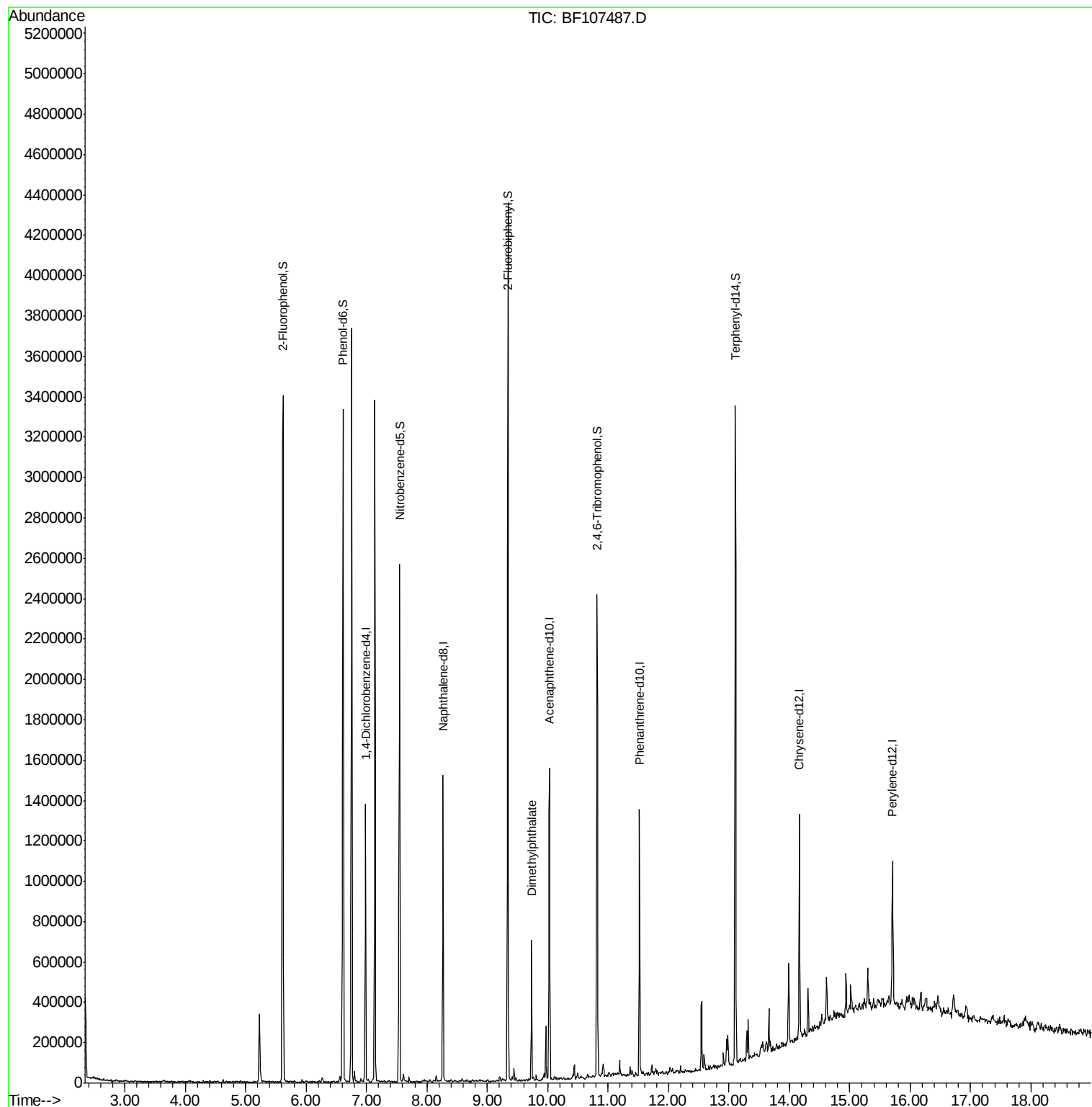
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	145295	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	539603	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	272694	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	465846	20.00	ng	0.00
75) Chrysene-d12	14.17	240	358211	20.00	ng	0.00
86) Perylene-d12	15.71	264	278799	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	831475	86.91	ng	0.00
7) Phenol-d6	6.61	99	1082413	87.51	ng	0.00
23) Nitrobenzene-d5	7.55	82	800410	79.10	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	197925	82.61	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1287327	77.79	ng	0.00
78) Terphenyl-d14	13.11	244	1012382	70.22	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	214360	9.894	ng	Qvalue 98

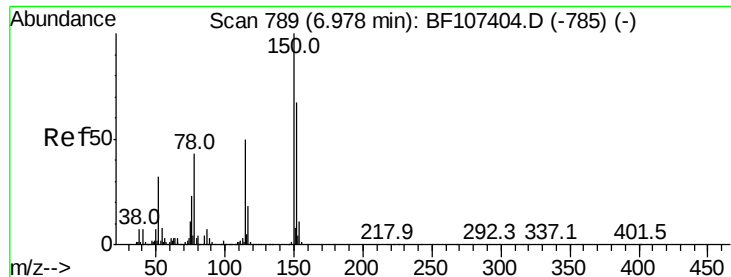
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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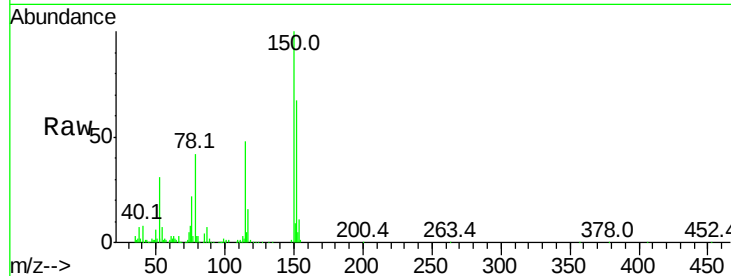


#1

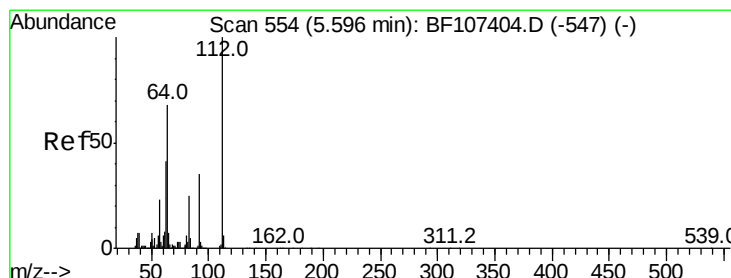
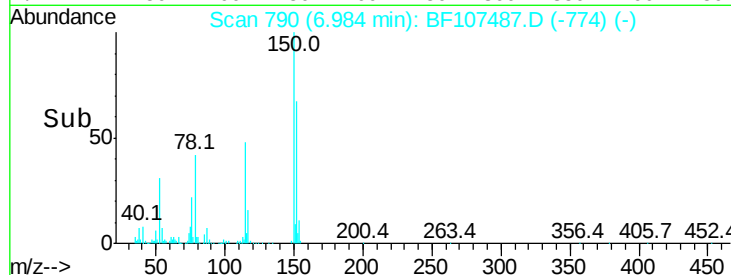
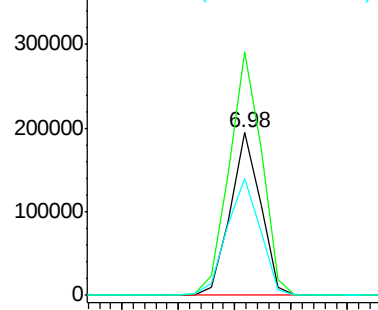
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. -0.01 min
Lab File: BF107487.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_F
ClientSampleId :
MH-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.6	124.6	186.8
115	71.6	50.1	75.1



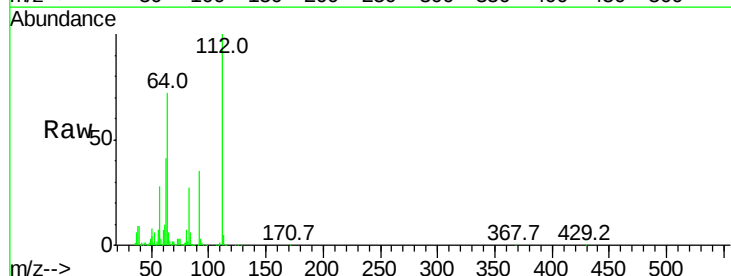
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



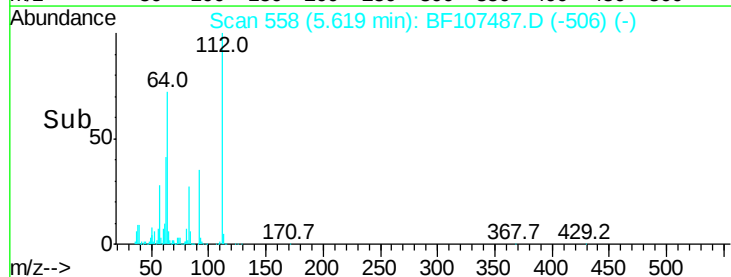
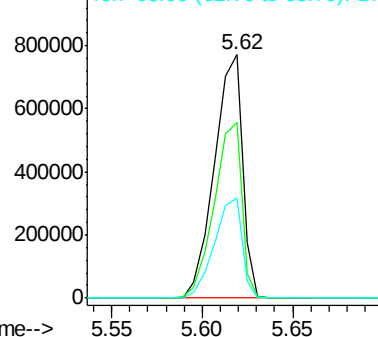
#5

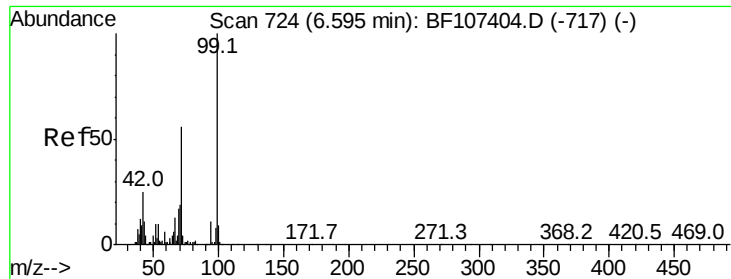
2-Fluorophenol
Concen: 86.913 ng
RT: 5.62 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF107487.D
Acq: 18 Jul 2018 19:33

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.0	47.9	71.9#
63	41.3	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: 87.512 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.00 min

Lab File: BF107487.D

Acq: 18 Jul 2018 19:33

Instrument :

BNA_F

ClientSampleId :

MH-2

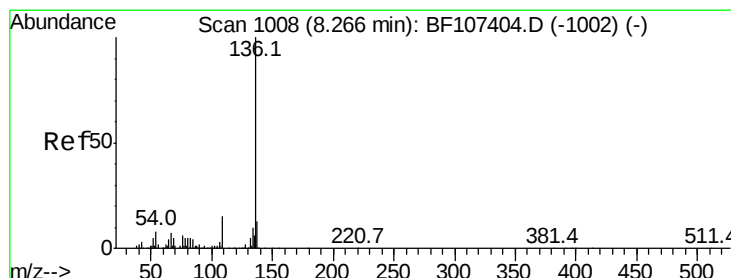
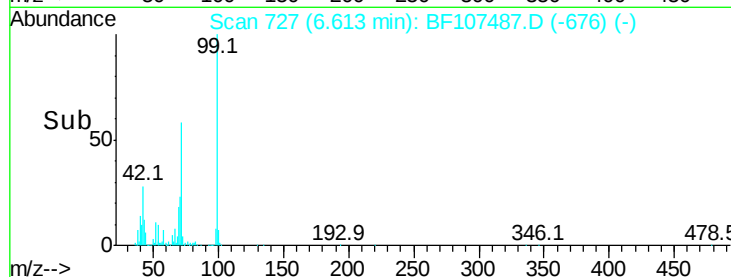
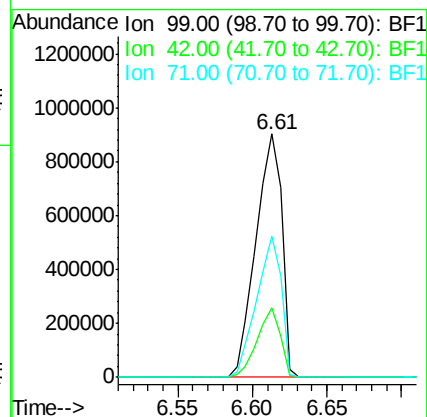
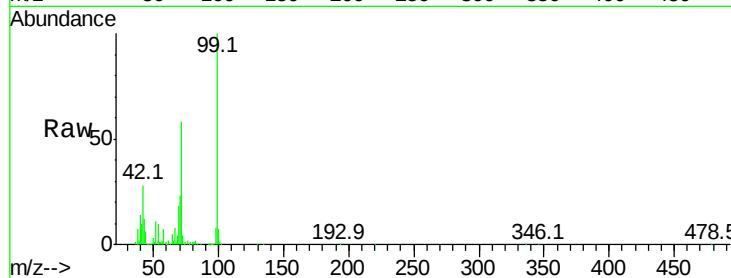
Tot Ion: 99 Resp: 1082413

Ion Ratio Lower Upper

99 100

42 28.5 14.5 21.7#

71 58.2 25.4 38.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF107487.D

Acq: 18 Jul 2018 19:33

Tgt Ion: 136 Resp: 539603

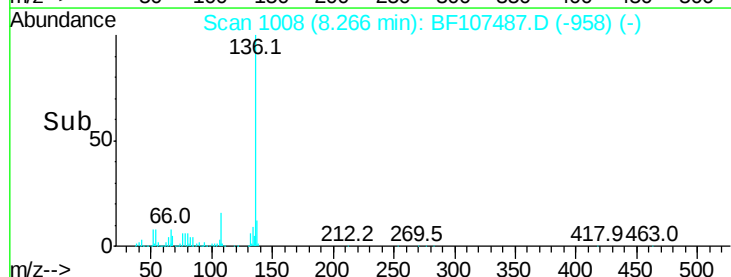
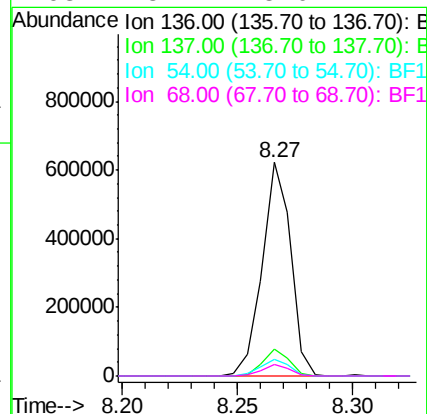
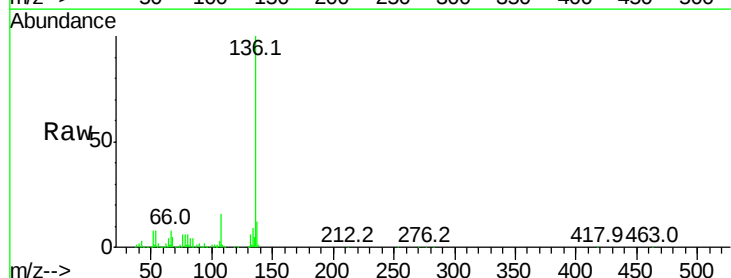
Ion Ratio Lower Upper

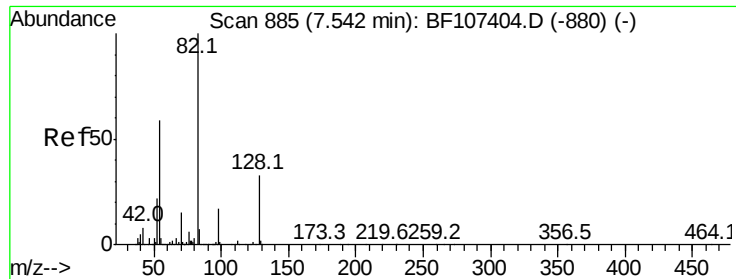
136 100

137 12.4 8.9 13.3

54 8.0 6.6 9.8

68 5.4 5.0 7.4

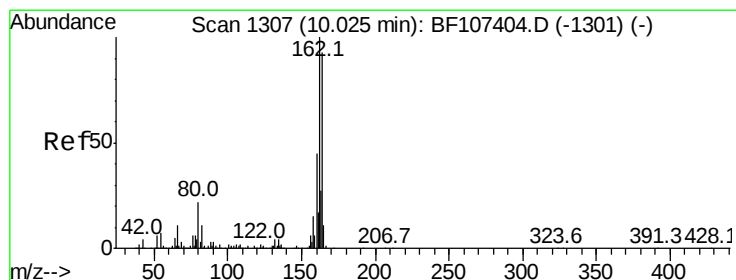
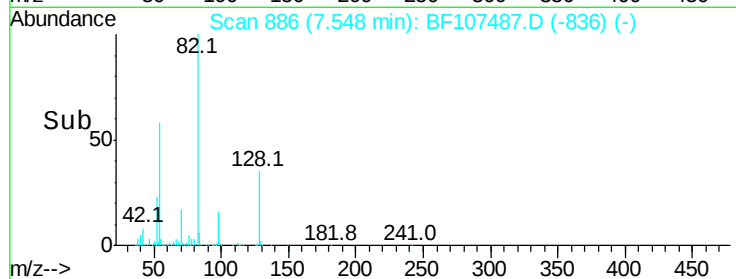
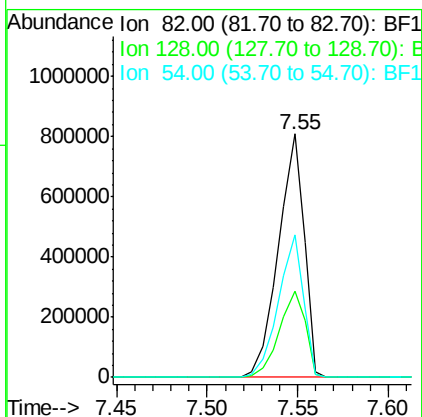
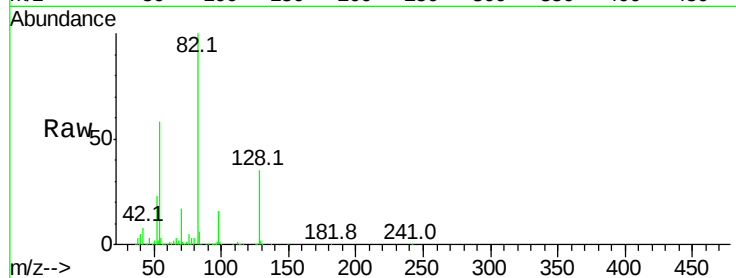




#23
 Nitrobenzene-d5
 Concen: 79.097 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107487.D
 Acq: 18 Jul 2018 19:33

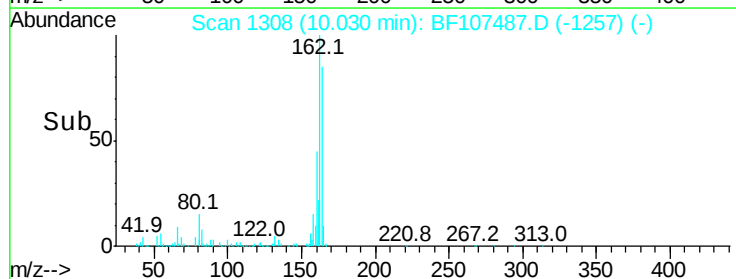
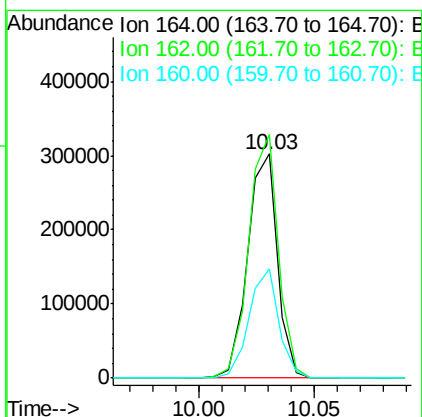
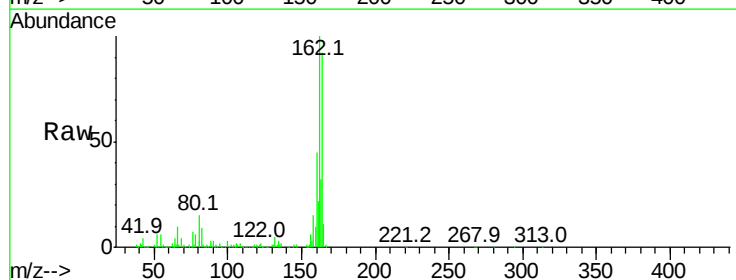
Instrument :
 BNA_F
 ClientSampleId :
 MH-2

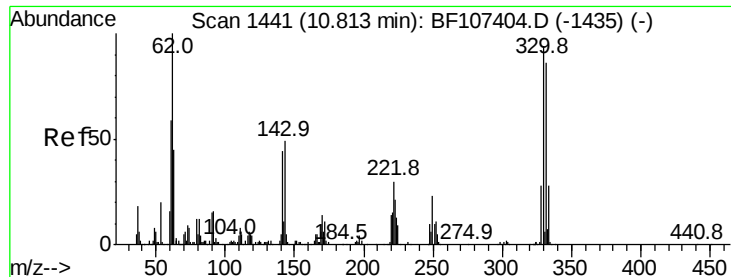
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.3	36.1	54.1#
54	58.4	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. 0.00 min
 Lab File: BF107487.D
 Acq: 18 Jul 2018 19:33

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	86.1	129.1
160	48.6	38.3	57.5

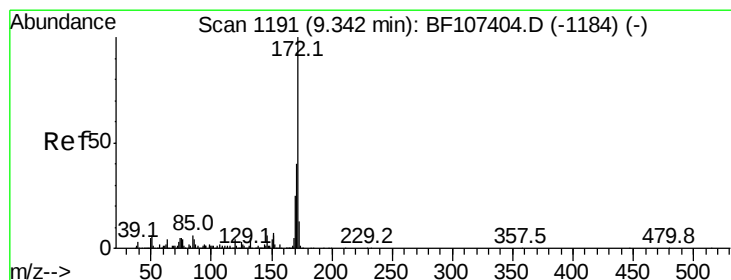
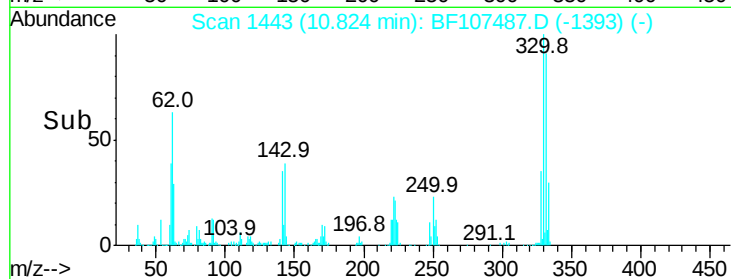
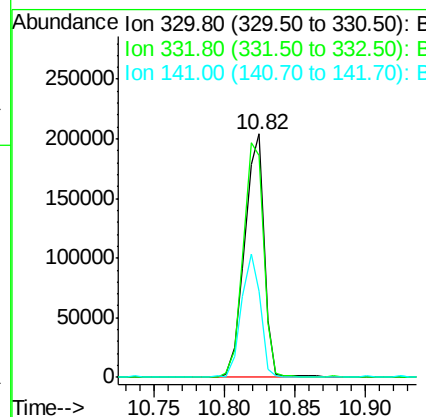
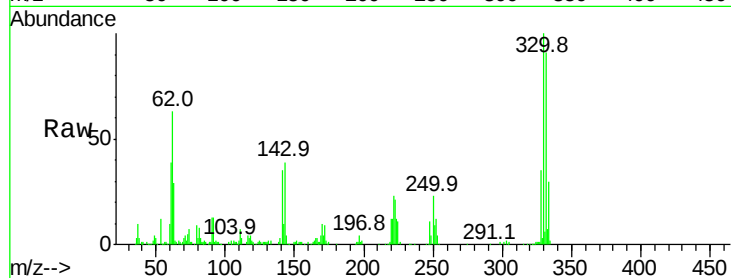




#41
 2,4,6-Tribromophenol
 Concen: 82.609 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF107487.D
 Acq: 18 Jul 2018 19:33

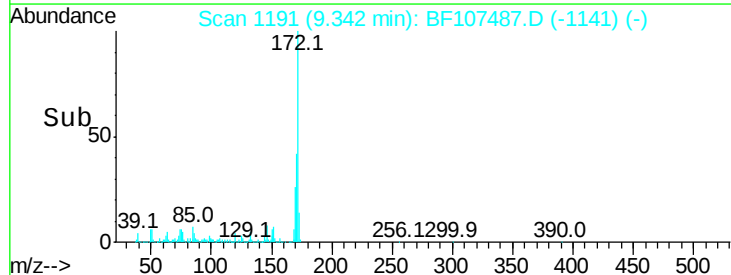
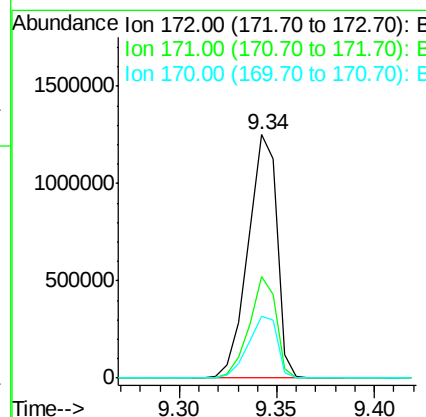
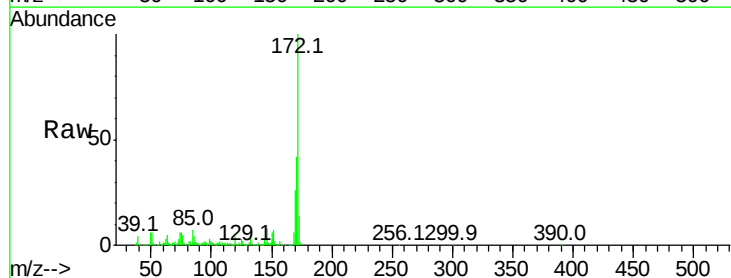
Instrument :
 BNA_F
 ClientSampleId :
 MH-2

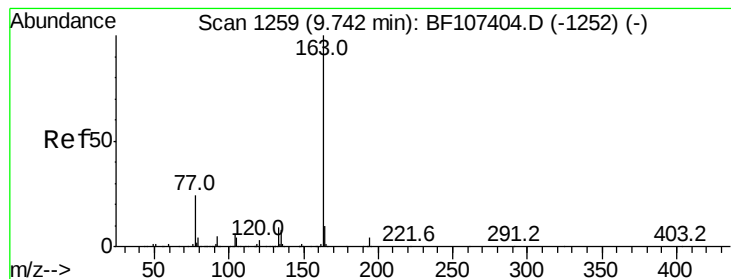
Tot Ion:330 Resp: 197925
 Ion Ratio Lower Upper
 330 100
 332 100.7 77.0 115.6
 141 48.3 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 77.792 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107487.D
 Acq: 18 Jul 2018 19:33

Tgt Ion:172 Resp: 1287327
 Ion Ratio Lower Upper
 172 100
 171 41.6 29.7 44.5
 170 25.6 19.6 29.4





#49

Dimethylphthalate

Concen: 9.894 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107487.D

Acq: 18 Jul 2018 19:33

Instrument :

BNA_F

ClientSampleId :

MH-2

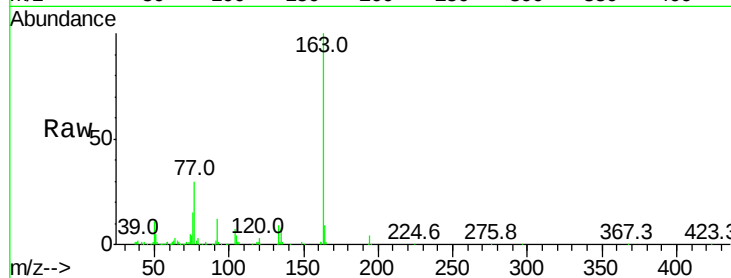
Tot Ion:163 Resp: 214360

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

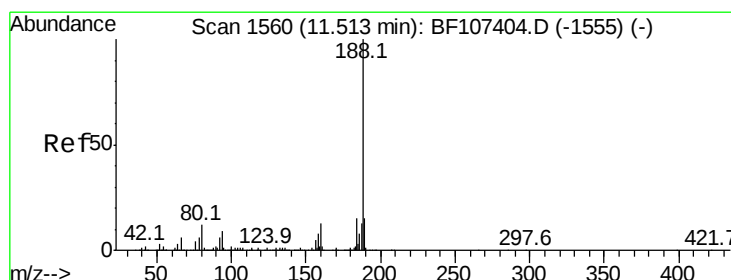
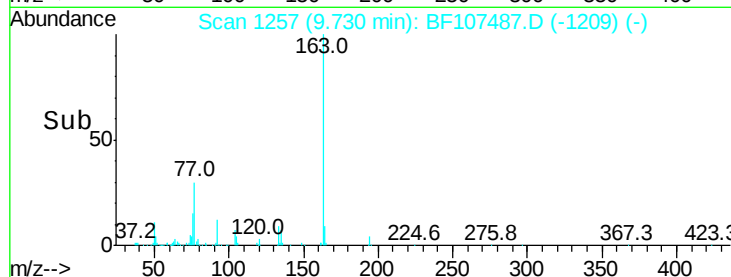
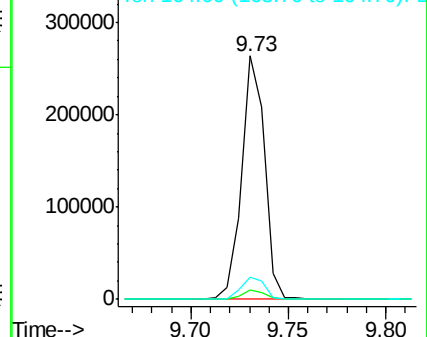
164 9.1 8.2 12.2



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: BF107487.D

Acq: 18 Jul 2018 19:33

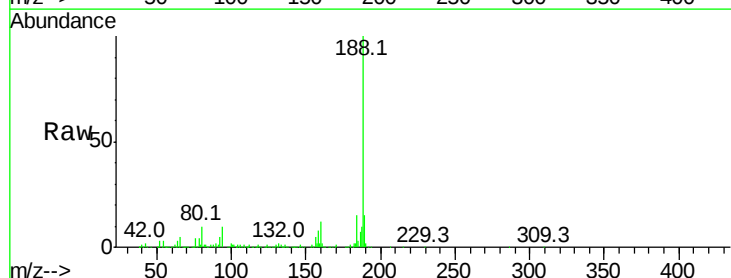
Tgt Ion:188 Resp: 465846

Ion Ratio Lower Upper

188 100

94 9.7 8.5 12.7

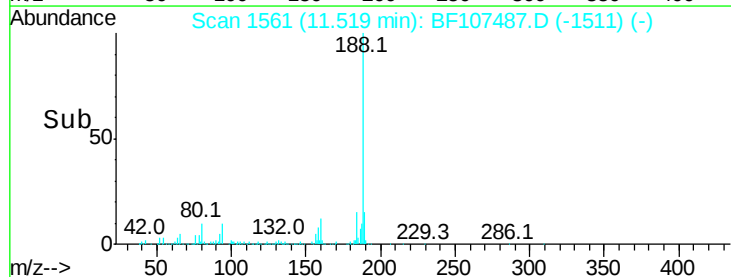
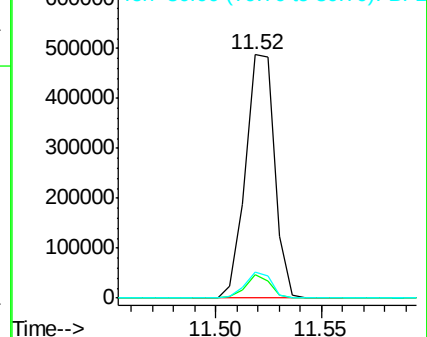
80 10.5 9.2 13.8

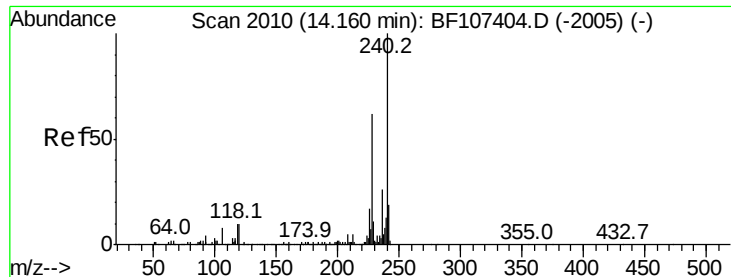


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF107487.D

Acq: 18 Jul 2018 19:33

Instrument :

BNA_F

ClientSampleId :

MH-2

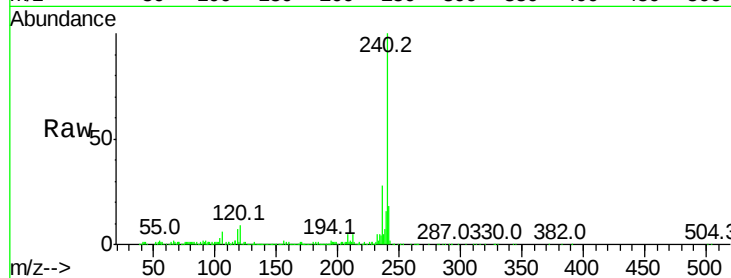
Tot Ion:240 Resp: 358211

Ion Ratio Lower Upper

240 100

120 8.6 9.5 14.3#

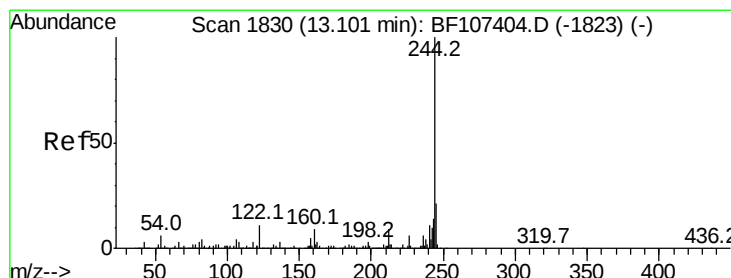
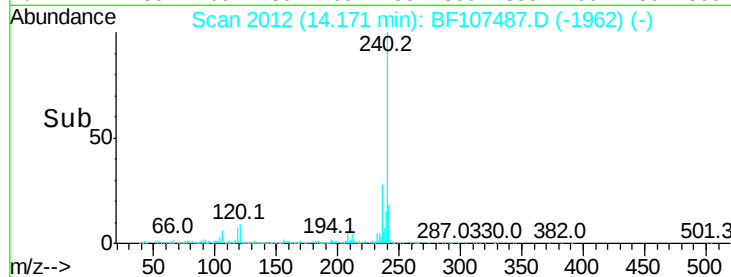
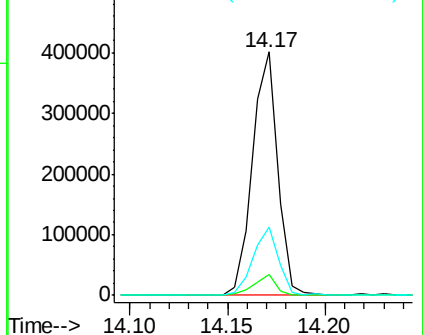
236 28.3 20.7 31.1



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: 70.220 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF107487.D

Acq: 18 Jul 2018 19:33

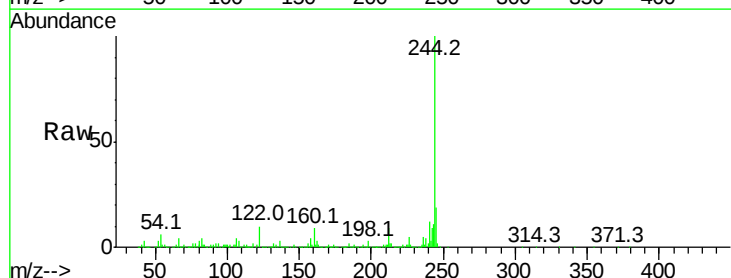
Tgt Ion:244 Resp: 1012382

Ion Ratio Lower Upper

244 100

212 8.6 5.4 8.0#

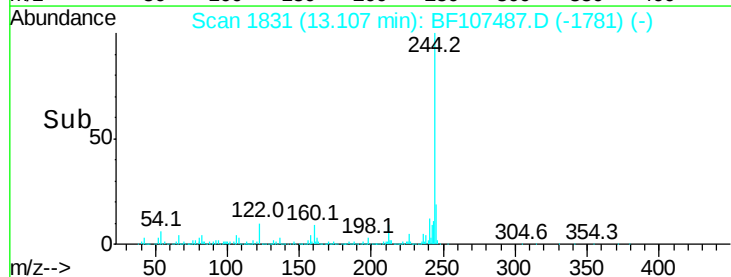
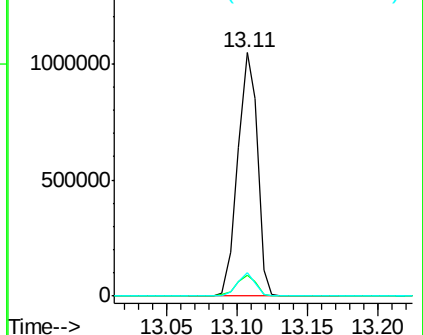
122 9.6 11.0 16.4#

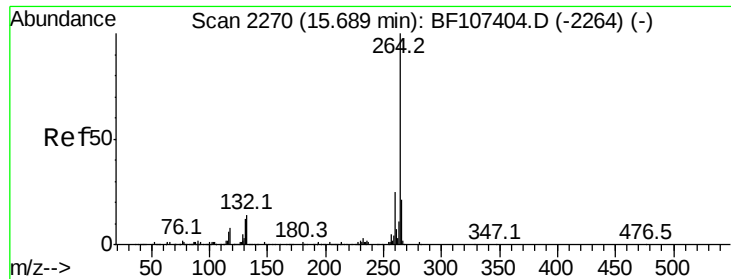


Abundance Ion 244.00 (243.70 to 244.70): E

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. 0.00 min
Lab File: BF107487.D
Acq: 18 Jul 2018 19:33

Instrument :
BNA_F
ClientSampleId :
MH-2

Tot Ion:264 Resp: 278799
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 21.4 17.5 26.3

