

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071718\
 Data File : BF107461.D
 Acq On : 17 Jul 2018 20:34
 Operator : JU/SJ
 Sample : J4013-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-ID

Quant Time: Jul 18 02:05:09 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

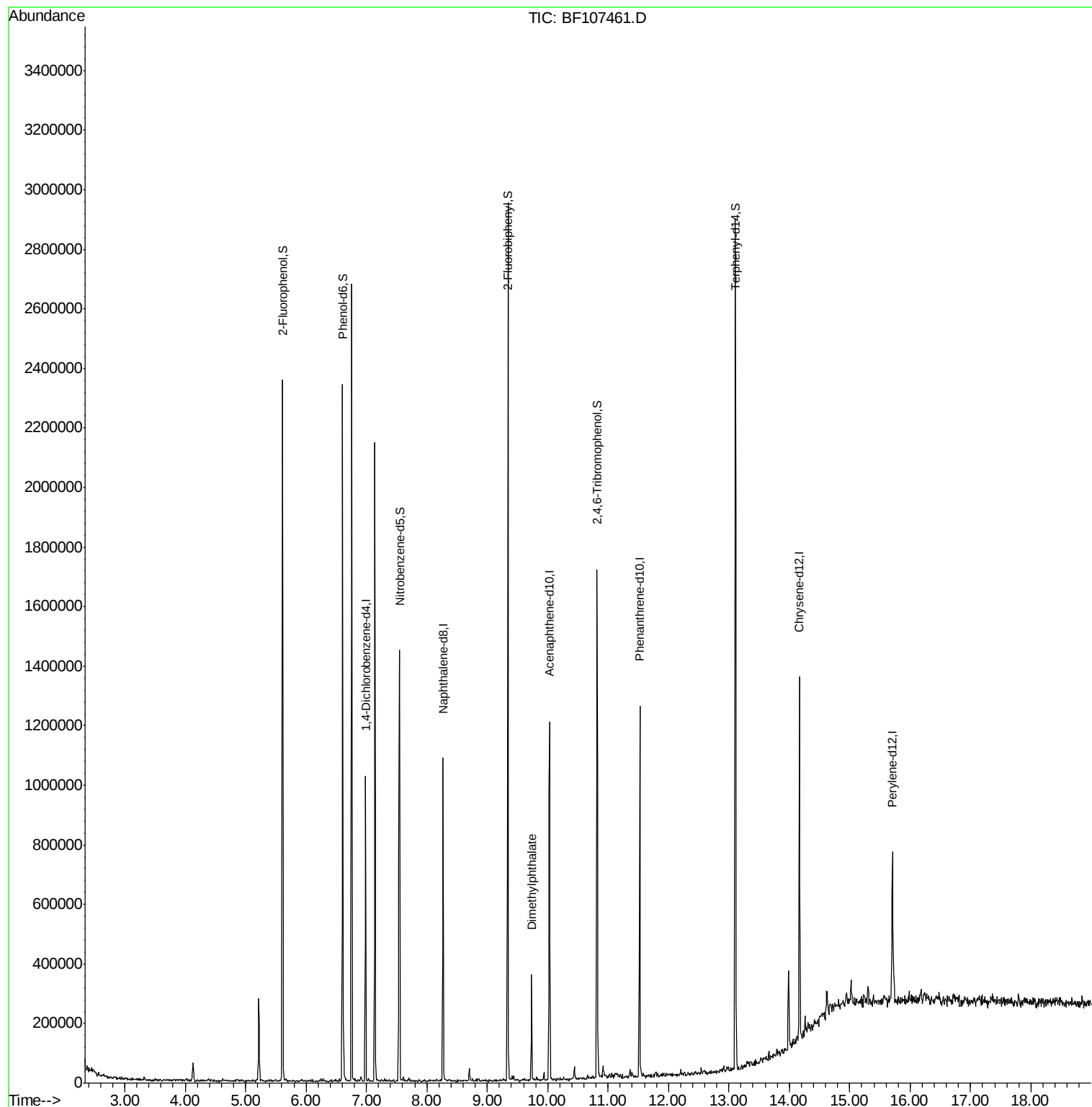
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	114762	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	406879	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	198191	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	396244	20.00	ng	0.00
75) Chrysene-d12	14.17	240	383611	20.00	ng	0.00
86) Perylene-d12	15.71	264	227534	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	522133	69.10	ng	0.00
7) Phenol-d6	6.61	99	666954	68.27	ng	0.00
23) Nitrobenzene-d5	7.55	82	479311	62.82	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	132262	75.95	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	776151	62.42	ng	0.00
78) Terphenyl-d14	13.11	244	825373	53.46	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.73	163	113681	7.219	ng	Qvalue # 97

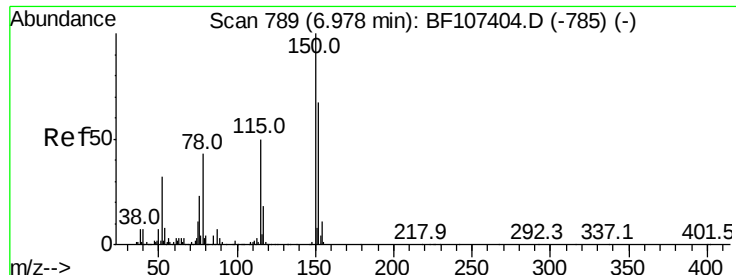
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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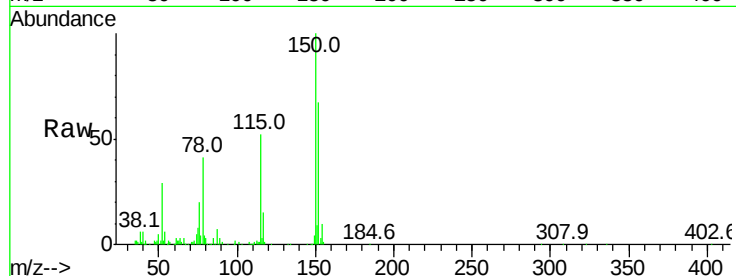


#1

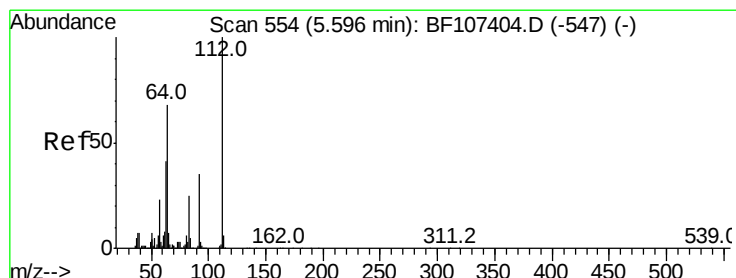
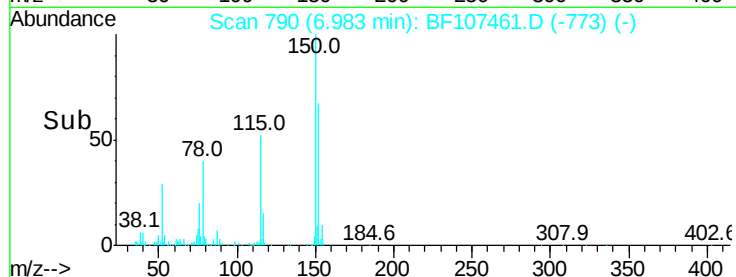
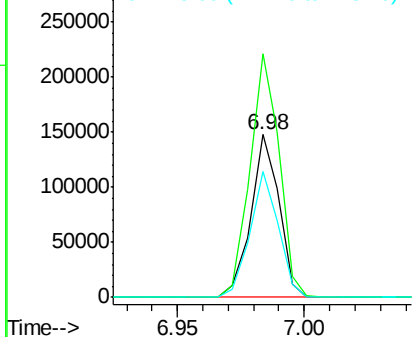
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107461.D
Acq: 17 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TP-I-D

Tot Ion:152 Resp: 114762
Ion Ratio Lower Upper
152 100
150 149.6 124.6 186.8
115 77.1 50.1 75.1#



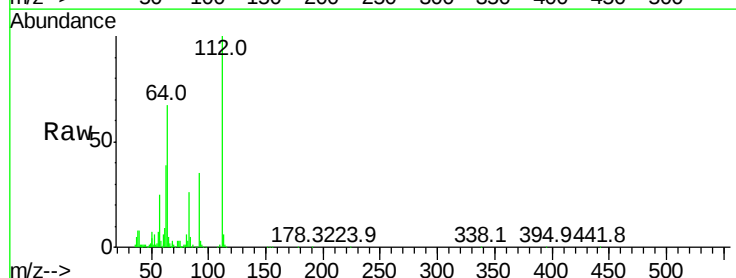
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



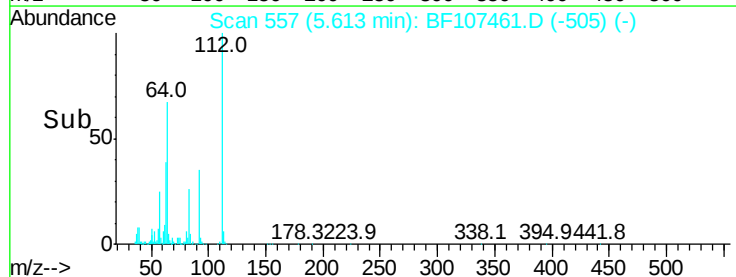
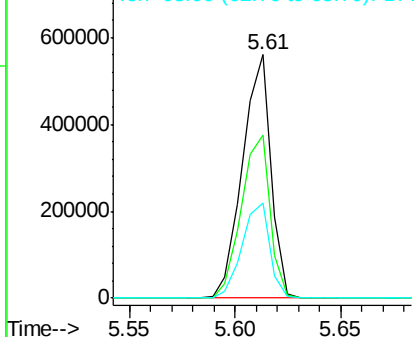
#5

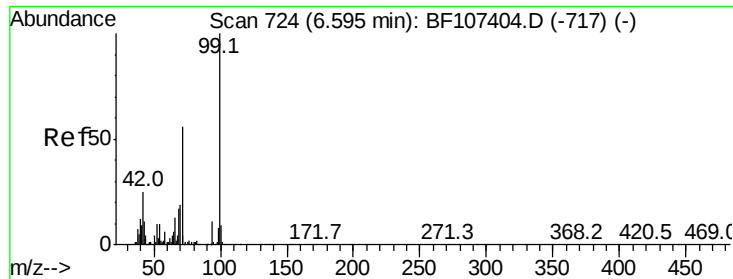
2-Fluorophenol
Concen: 69.098 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107461.D
Acq: 17 Jul 2018 20:34

Tgt Ion:112 Resp: 522133
Ion Ratio Lower Upper
112 100
64 66.9 47.9 71.9
63 39.2 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: 68.269 ng

RT: 6.61 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF107461.D

Acq: 17 Jul 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TP-I-D

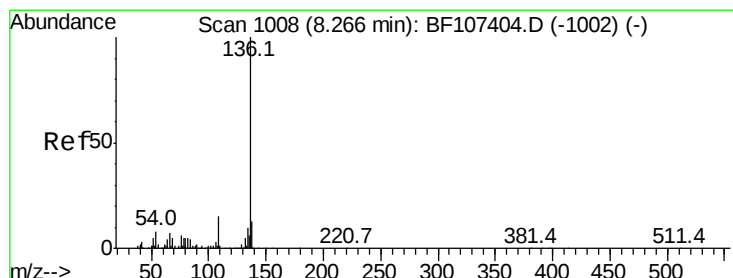
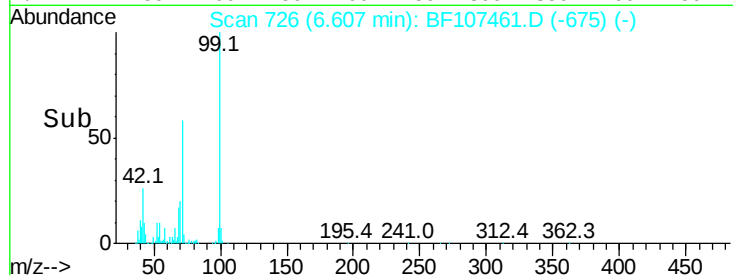
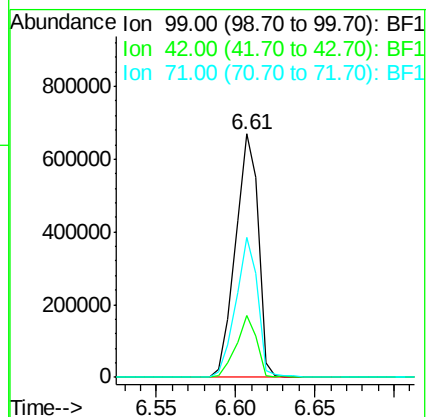
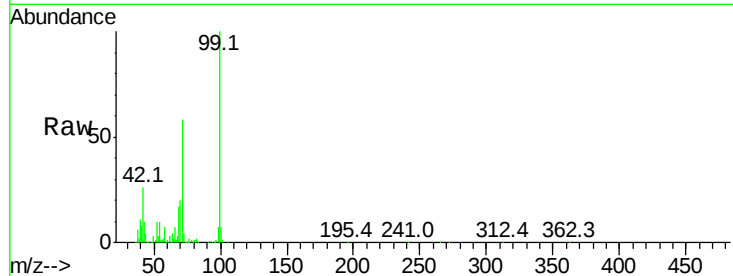
Tot Ion: 99 Resp: 666954

Ion Ratio Lower Upper

99 100

42 25.5 14.5 21.7#

71 57.7 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: BF107461.D

Acq: 17 Jul 2018 20:34

Tgt Ion: 136 Resp: 406879

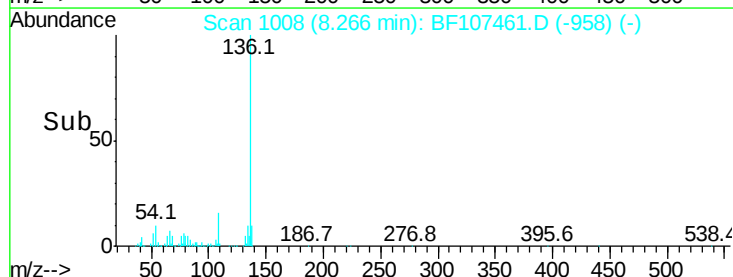
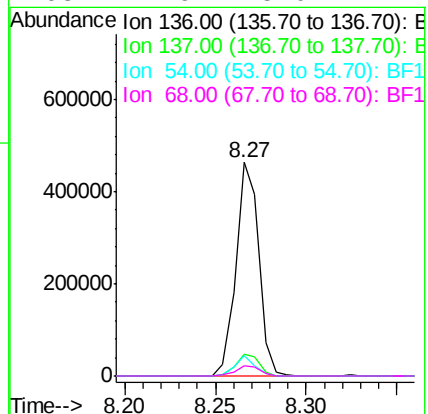
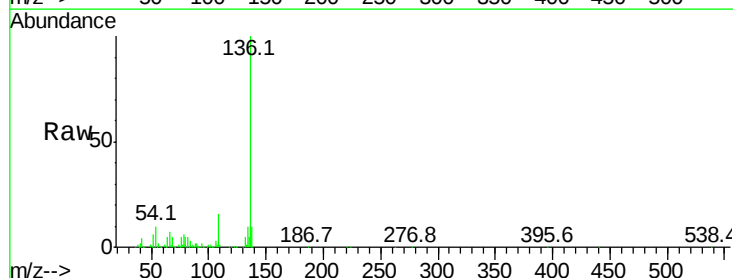
Ion Ratio Lower Upper

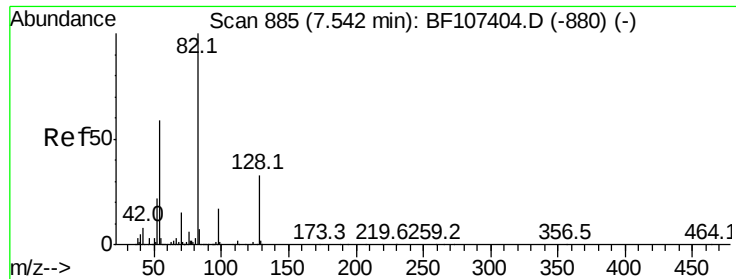
136 100

137 10.0 8.9 13.3

54 9.7 6.6 9.8

68 4.6 5.0 7.4#

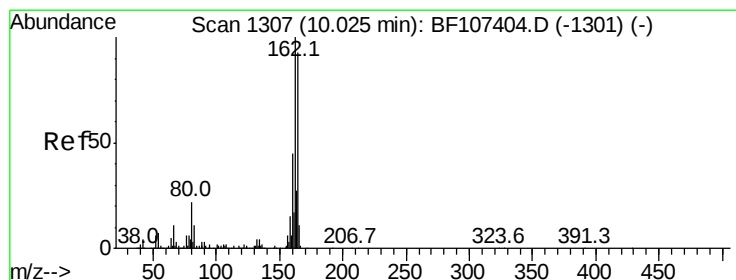
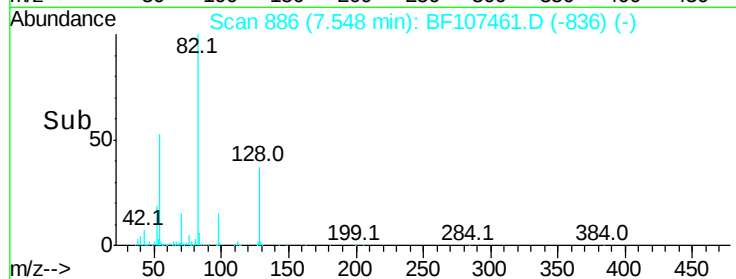
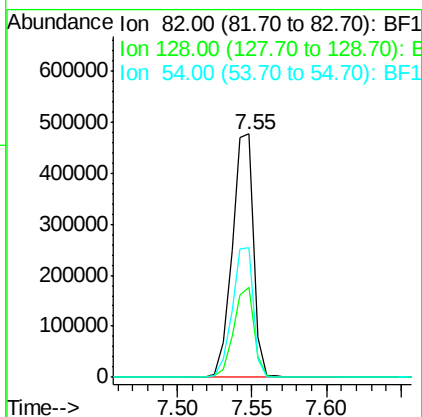
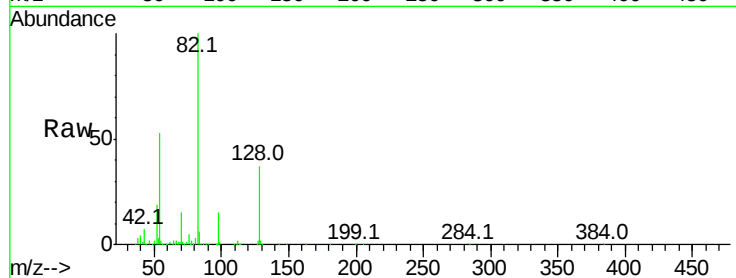




#23
 Nitrobenzene-d5
 Concen: 62.817 ng
 RT: 7.55 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF107461.D
 Acq: 17 Jul 2018 20:34

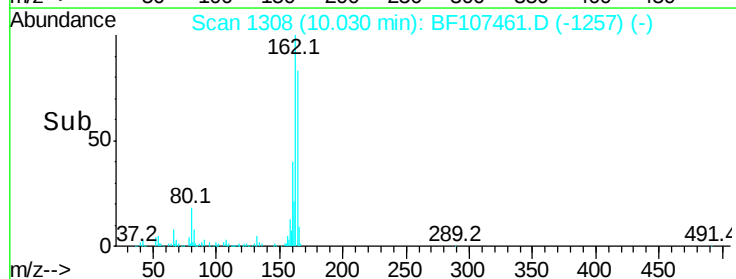
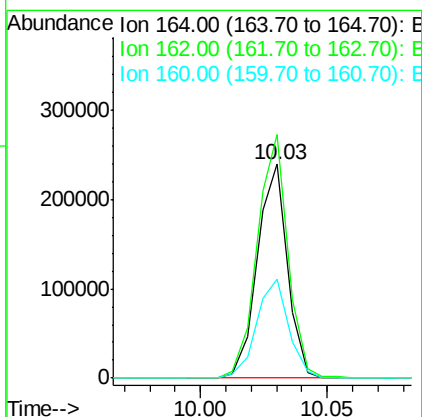
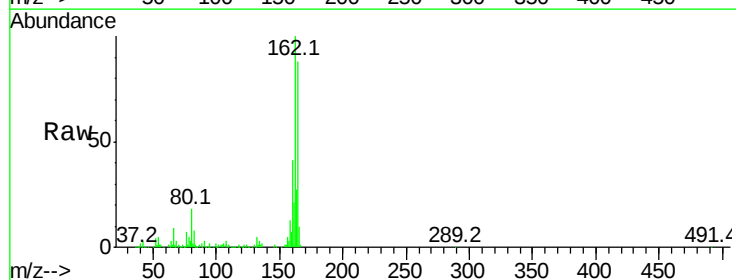
Instrument :
 BNA_F
 ClientSampleId :
 TP-I-D

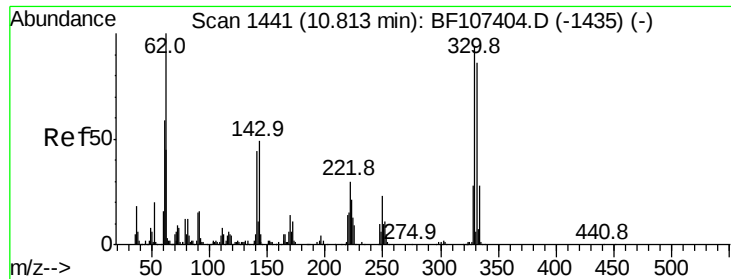
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.0	36.1	54.1
54	53.1	41.4	62.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.03 min Scan# 1308
 Delta R.T. -0.00 min
 Lab File: BF107461.D
 Acq: 17 Jul 2018 20:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	113.7	86.1	129.1
160	46.3	38.3	57.5





#41

2,4,6-Tribromophenol

Concen: 75.954 ng

RT: 10.82 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF107461.D

Acq: 17 Jul 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TP-I-D

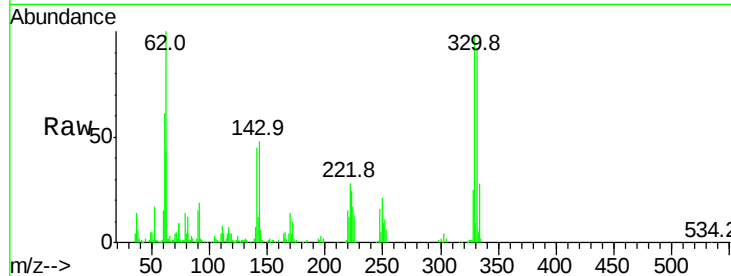
Tot Ion:330 Resp: 132262

Ion Ratio Lower Upper

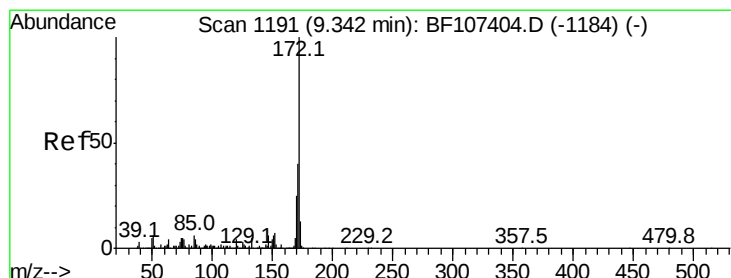
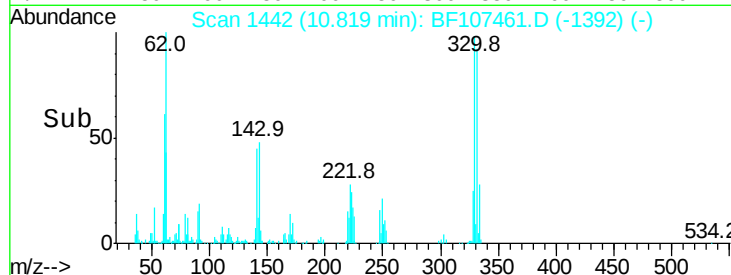
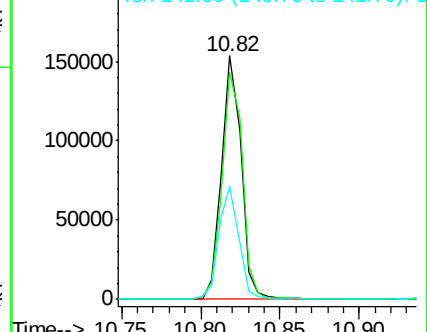
330 100

332 96.1 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: 62.416 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107461.D

Acq: 17 Jul 2018 20:34

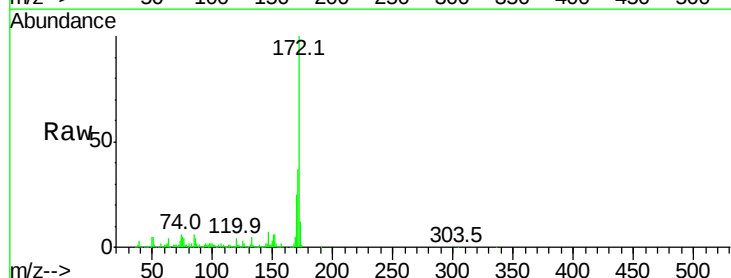
Tgt Ion:172 Resp: 776151

Ion Ratio Lower Upper

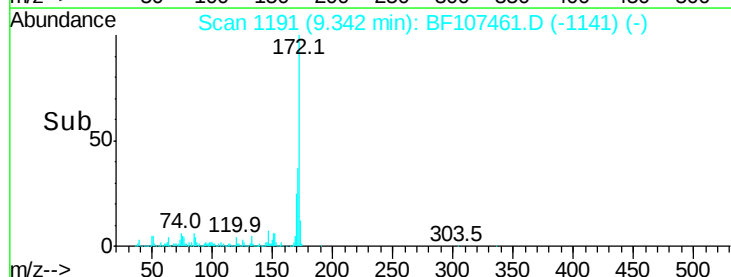
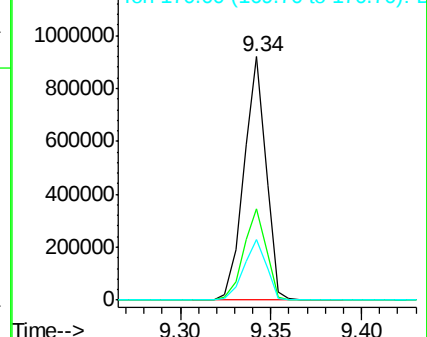
172 100

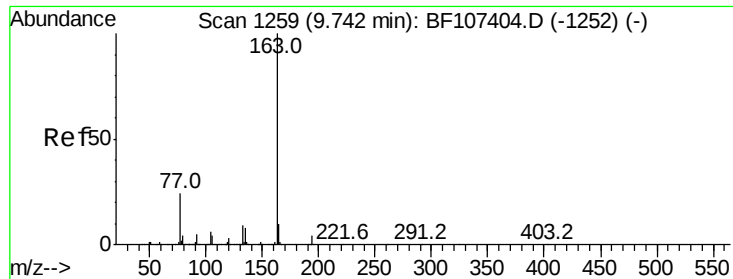
171 37.3 29.7 44.5

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





#49

Dimethylphthalate

Concen: 7.219 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107461.D

Acq: 17 Jul 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TP-I-D

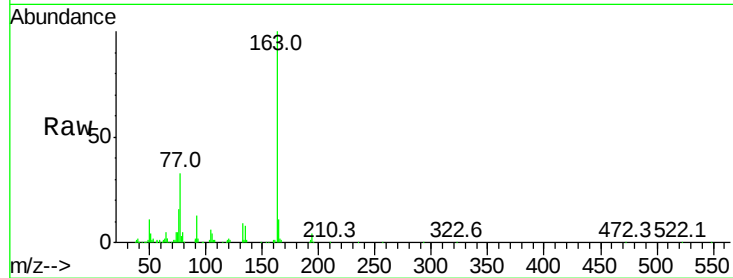
Tot Ion:163 Resp: 113681

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

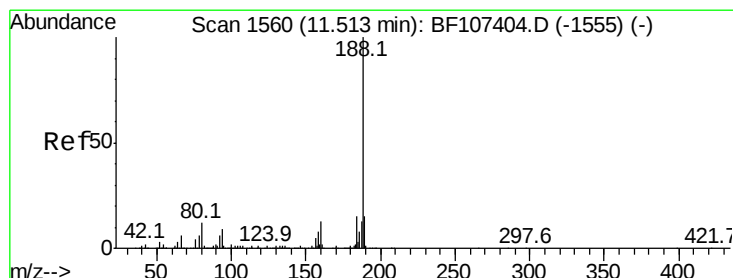
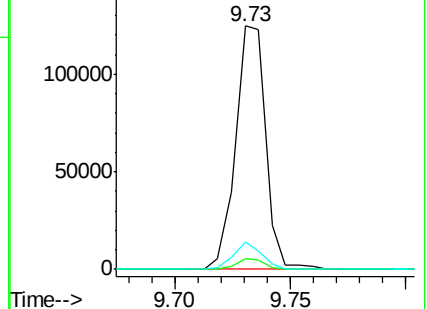
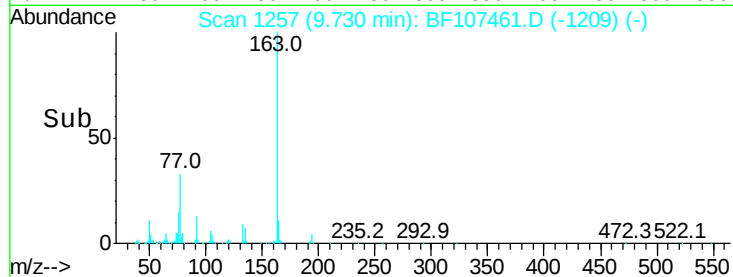
164 11.3 8.2 12.2



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# 1562

Delta R.T. -0.00 min

Lab File: BF107461.D

Acq: 17 Jul 2018 20:34

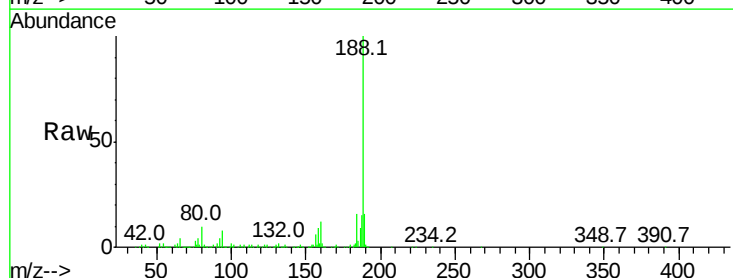
Tgt Ion:188 Resp: 396244

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

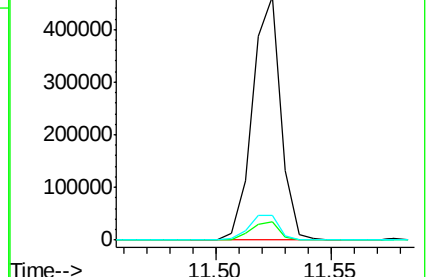
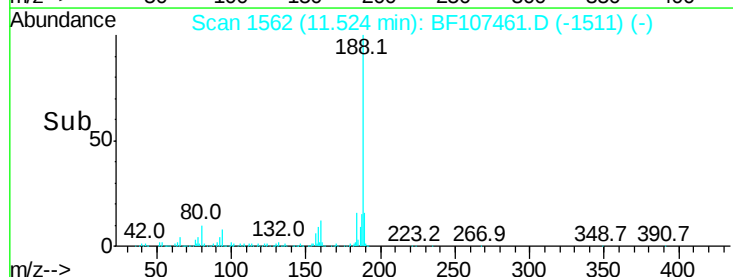
80 10.1 9.2 13.8

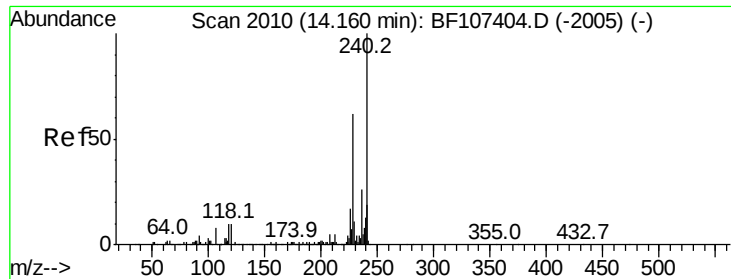


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF107461.D

Acq: 17 Jul 2018 20:34

Instrument :

BNA_F

ClientSampleId :

TP-I-D

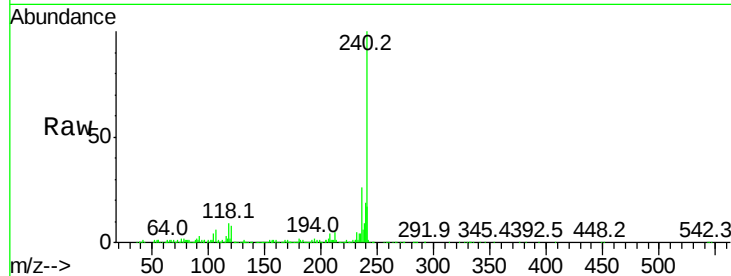
Tot Ion:240 Resp: 383611

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

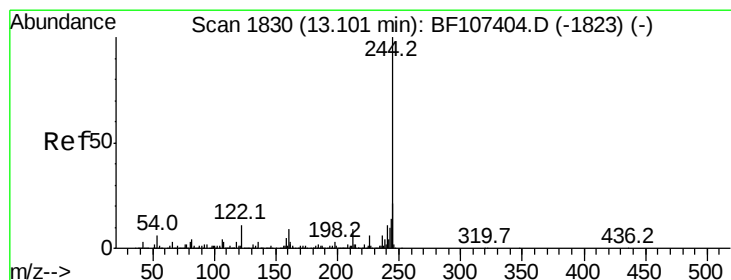
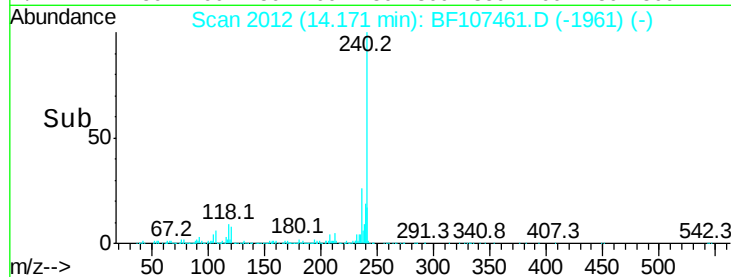
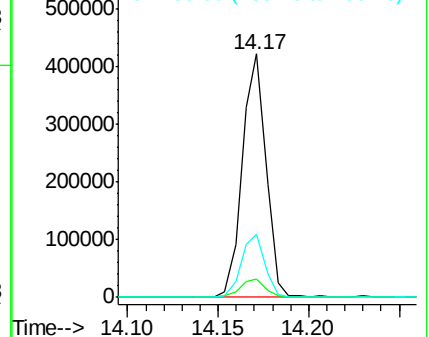
236 26.1 20.7 31.1



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: 53.458 ng

RT: 13.11 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF107461.D

Acq: 17 Jul 2018 20:34

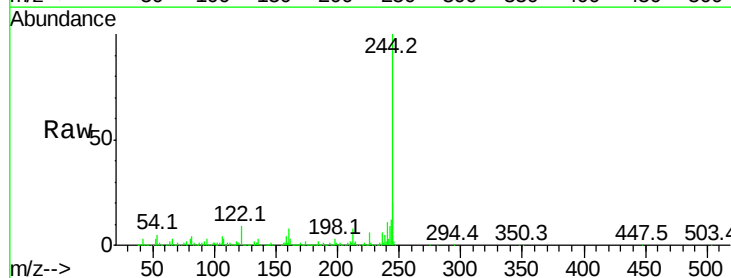
Tgt Ion:244 Resp: 825373

Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.0

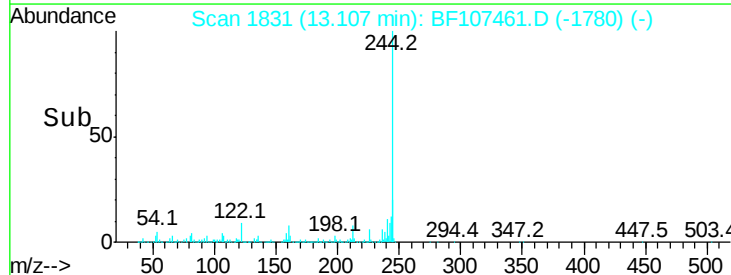
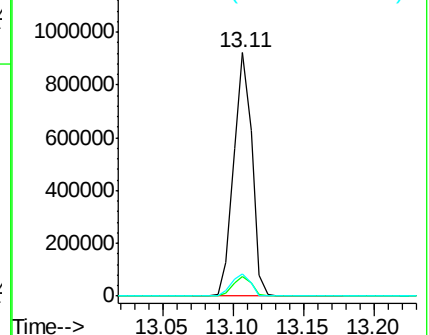
122 9.4 11.0 16.4#

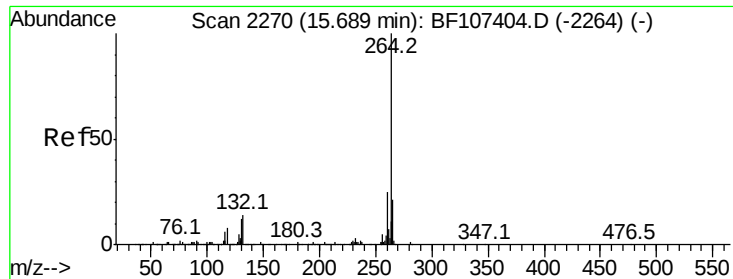


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107461.D
Acq: 17 Jul 2018 20:34

Instrument :
BNA_F
ClientSampleId :
TP-I-D

Tot Ion:264 Resp: 227534
Ion Ratio Lower Upper
264 100
260 25.3 19.2 28.8
265 19.7 17.5 26.3

