

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107452.D
 Acq On : 17 Jul 2018 16:31
 Operator : JU/SJ
 Sample : J3997-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-F-S

Quant Time: Jul 17 18:07:30 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

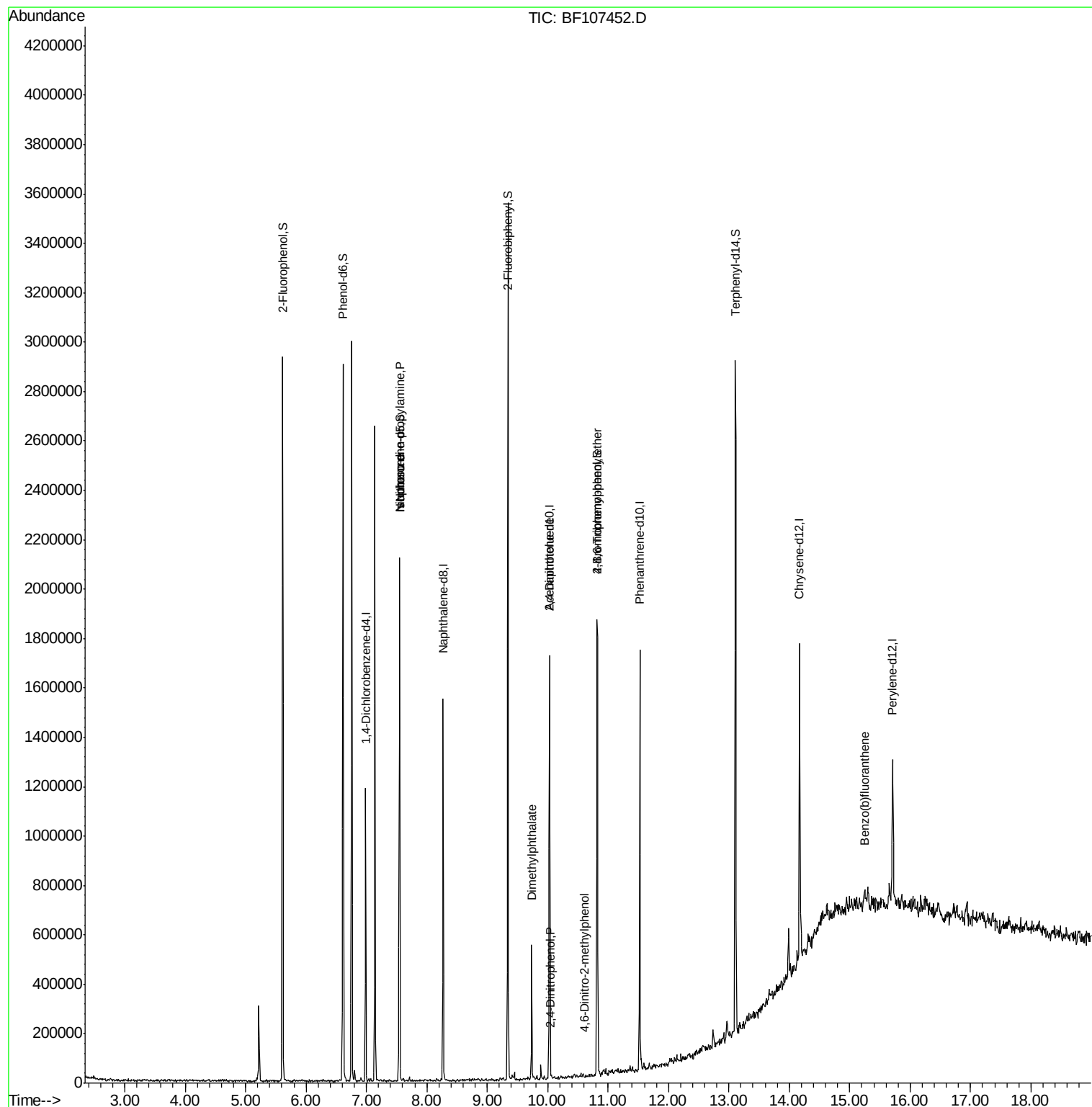
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	150767	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	545931	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	276405	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	521389	20.00	ng	0.00
75) Chrysene-d12	14.17	240	411808	20.00	ng	0.00
86) Perylene-d12	15.72	264	268409	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	618622	62.32	ng	0.00
7) Phenol-d6	6.61	99	805001	62.72	ng	0.00
23) Nitrobenzene-d5	7.55	82	579218	56.58	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	162559	66.94	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	959921	53.94	ng	0.00
78) Terphenyl-d14	13.11	244	864273	52.14	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	96820	10.536	ng	# 73
25) Isophorone	7.55	82	578786	28.522	ng	# 64
49) Dimethylphthalate	9.74	163	177238	8.070	ng	# 99
53) 2,4-Dinitrophenol	10.05	184	195	2.441	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	34902	6.390	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.61	198	149	7.534	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	19410	3.254	ng	# 1
87) Benzo(b)fluoranthene	15.25	252	43918	2.795	ng	# 66

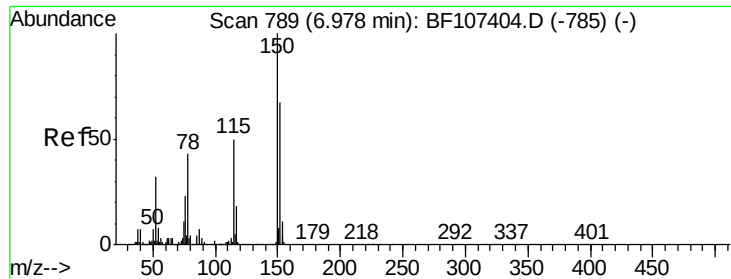
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
Data File : BF107452.D
Acq On : 17 Jul 2018 16:31
Operator : JU/SJ
Sample : J3997-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-F-S

Quant Time: Jul 17 18:07:30 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



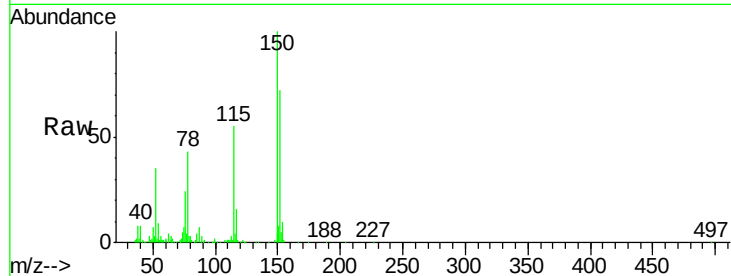


#1

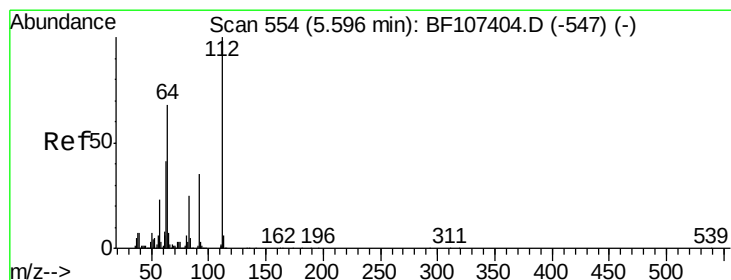
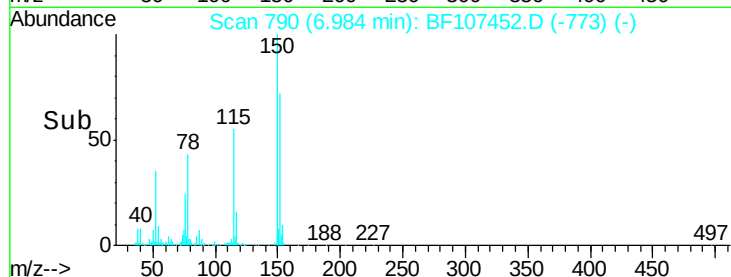
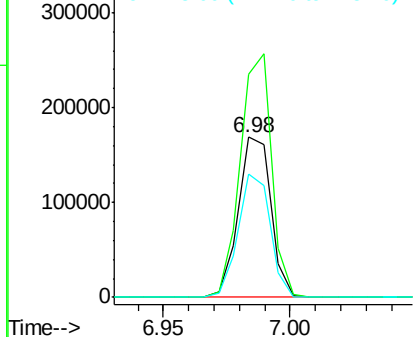
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.98 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BF107452.D
 Acq: 17 Jul 2018 16:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-F-S

Tgt Ion:152 Resp: 150767
 Ion Ratio Lower Upper
 152 100
 150 139.8 124.6 186.8
 115 77.2 50.1 75.1#



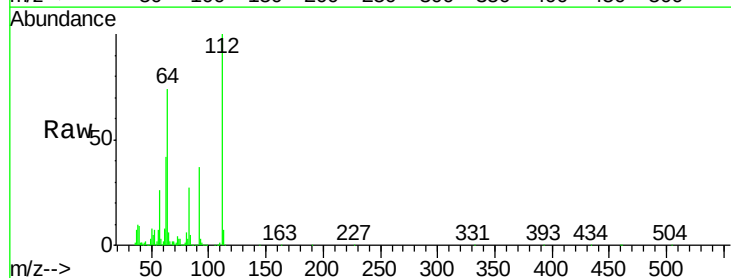
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



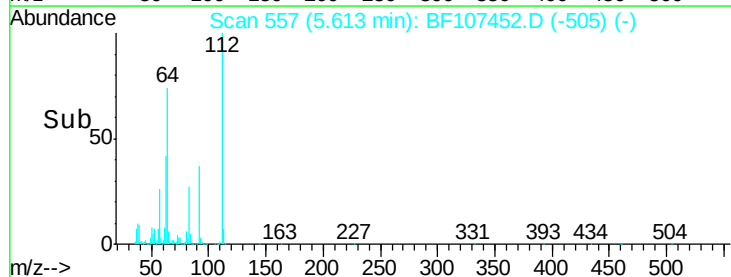
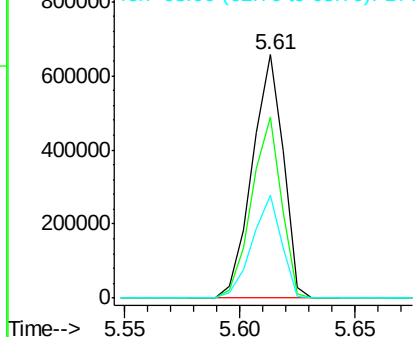
#5

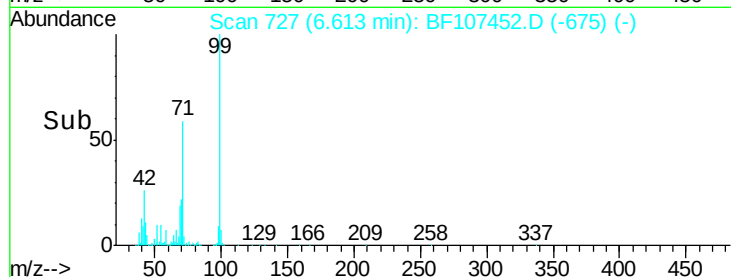
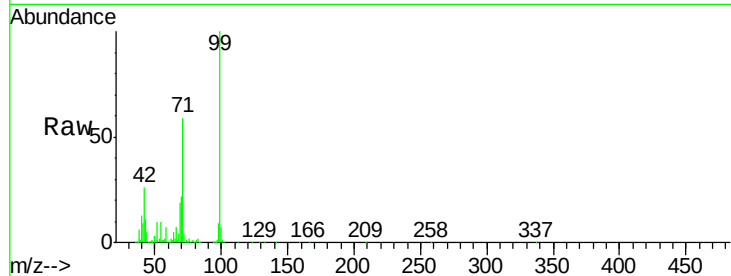
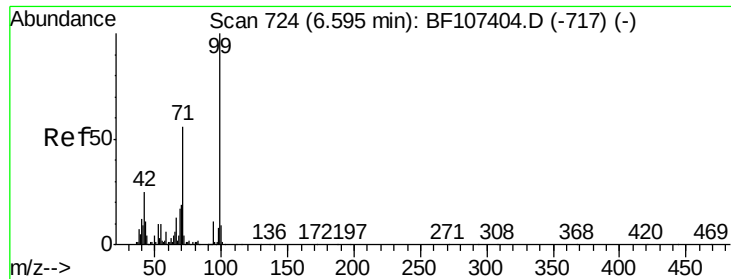
2-Fluorophenol
 Concen: 62.317 ng
 RT: 5.61 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: BF107452.D
 Acq: 17 Jul 2018 16:31

Tgt Ion:112 Resp: 618622
 Ion Ratio Lower Upper
 112 100
 64 74.2 47.9 71.9#
 63 42.3 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: 62.721 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Instrument :

BNA_F

ClientSampleId :

TP-F-S

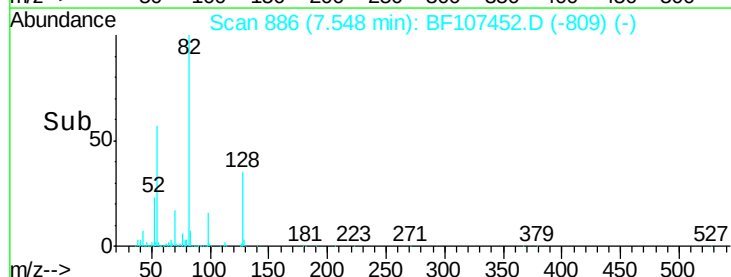
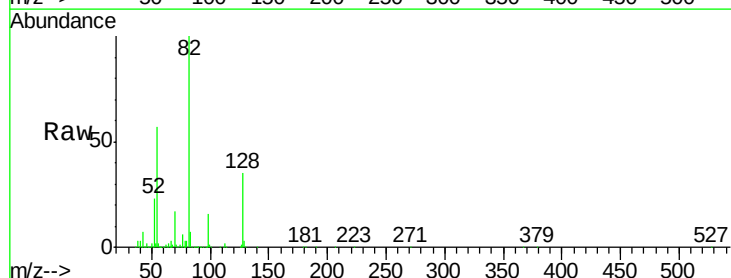
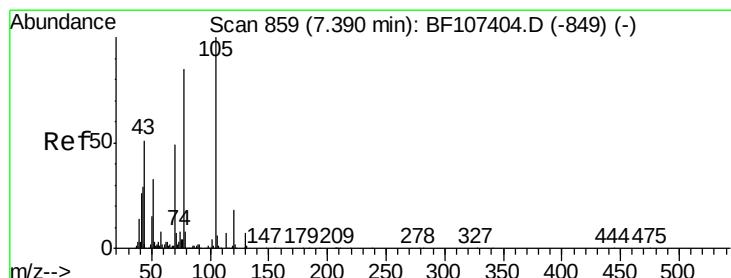
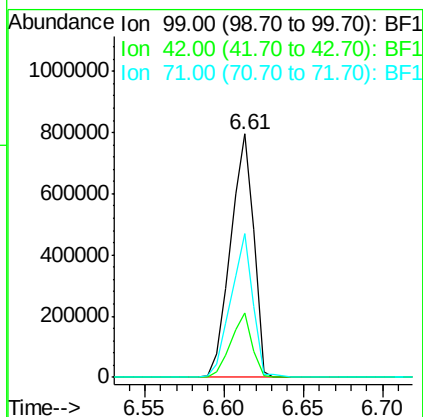
Tgt Ion: 99 Resp: 805001

Ion Ratio Lower Upper

99 100

42 26.3 14.5 21.7#

71 58.9 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 10.536 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Tgt Ion: 70 Resp: 96820

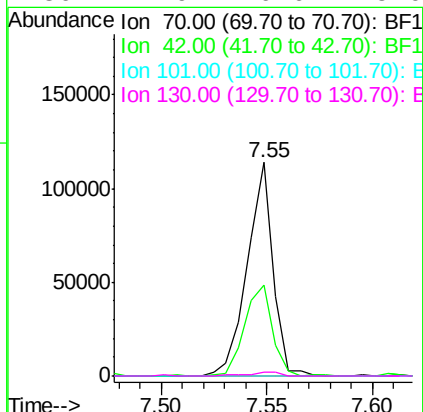
Ion Ratio Lower Upper

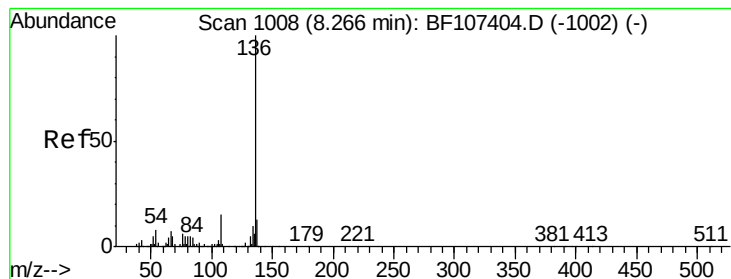
70 100

42 42.3 47.5 71.3#

101 0.0 7.4 11.2#

130 1.9 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1009

Delta R.T. 0.00 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Instrument :

BNA_F

ClientSampleId :

TP-F-S

Tgt Ion: 136 Resp: 545931

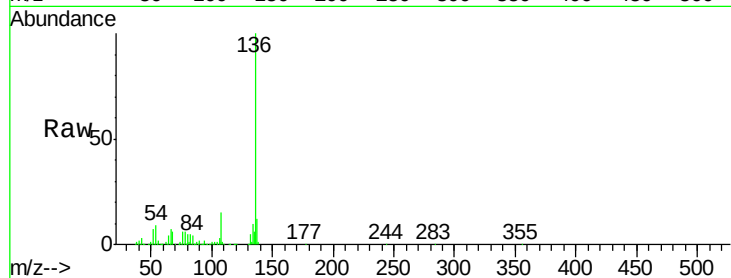
Ion Ratio Lower Upper

136 100

137 11.7 8.9 13.3

54 8.7 6.6 9.8

68 5.5 5.0 7.4

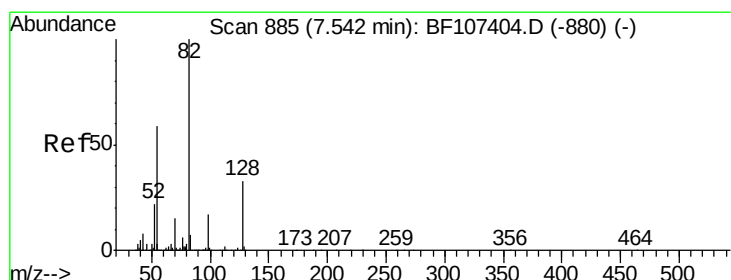
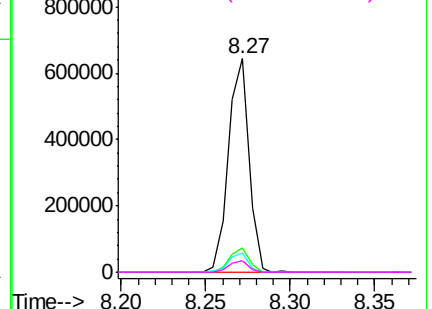
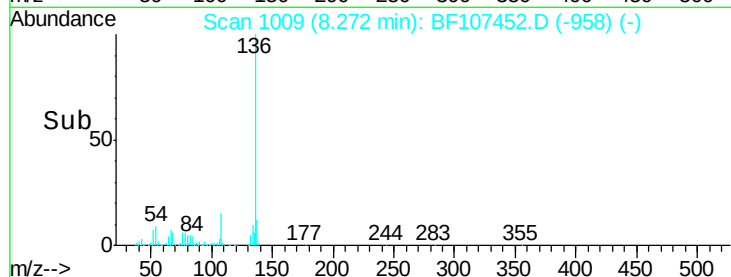


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.575 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

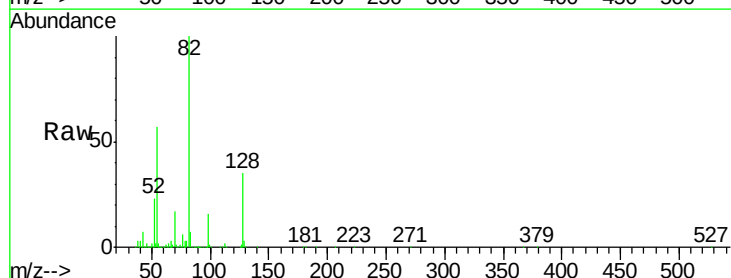
Tgt Ion: 82 Resp: 579218

Ion Ratio Lower Upper

82 100

128 35.5 36.1 54.1#

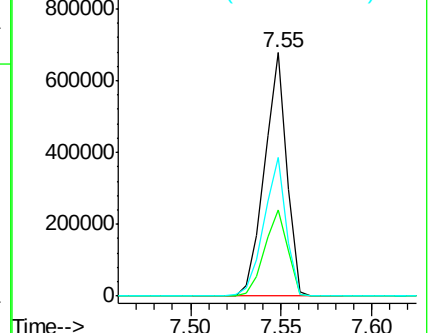
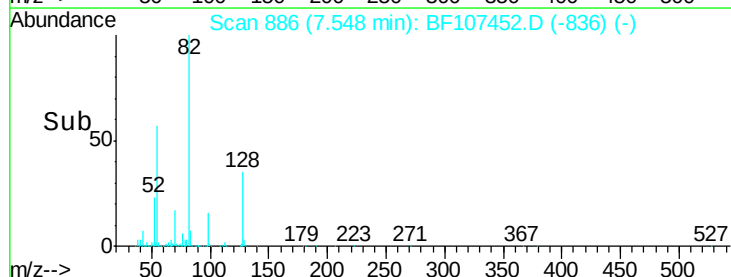
54 57.0 41.4 62.2

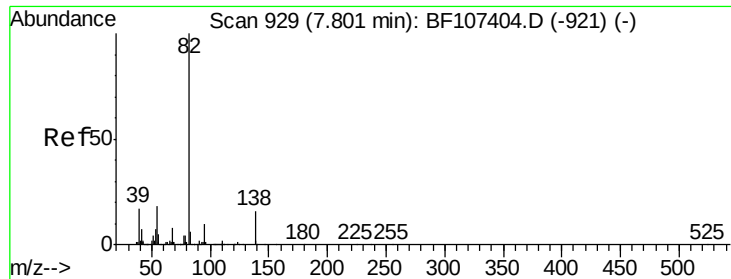


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 28.522 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Instrument :

BNA_F

ClientSampleId :

TP-F-S

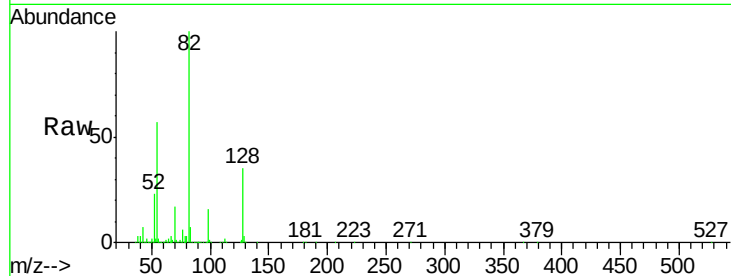
Tgt Ion: 82 Resp: 578786

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

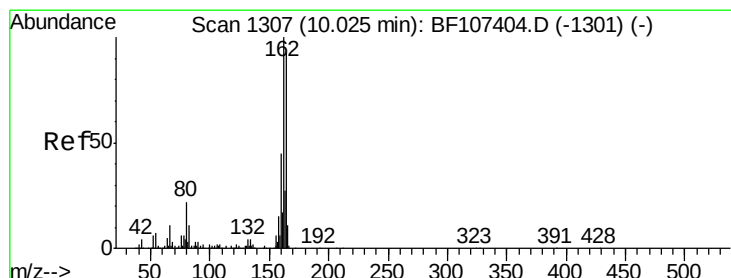
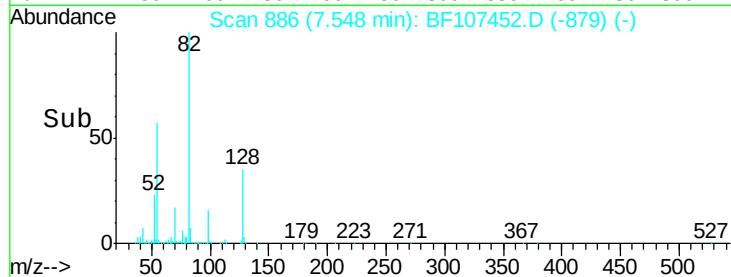
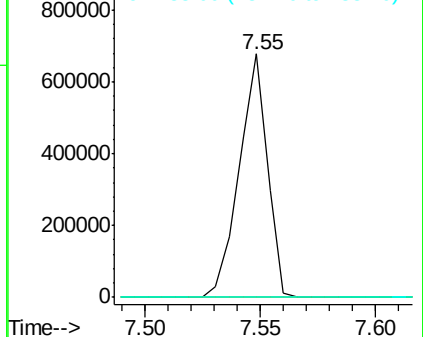
138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

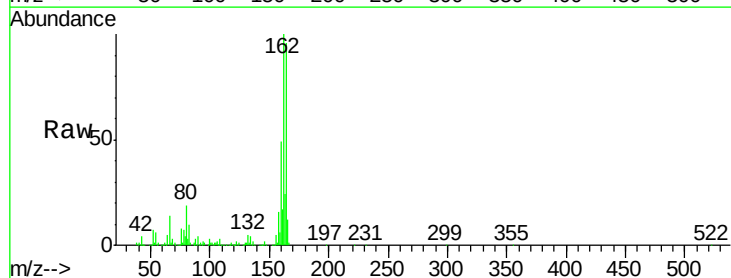
Tgt Ion: 164 Resp: 276405

Ion Ratio Lower Upper

164 100

162 104.3 86.1 129.1

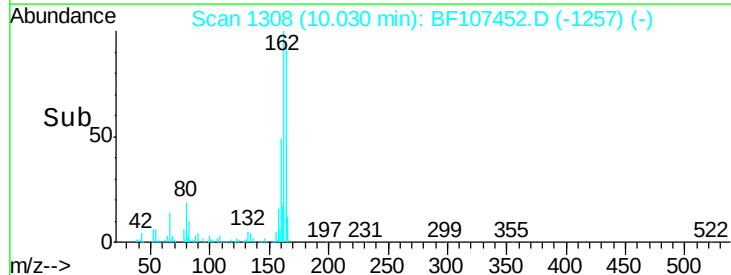
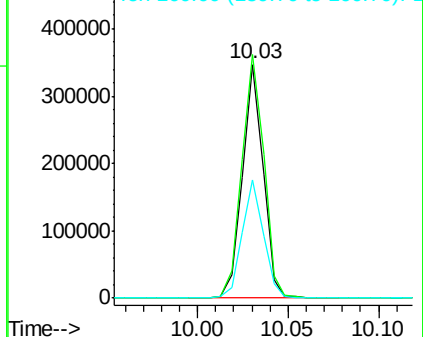
160 50.6 38.3 57.5

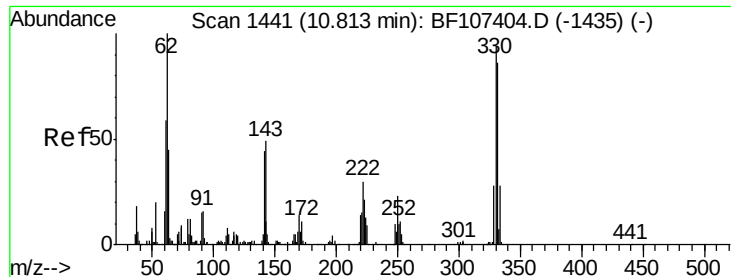


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

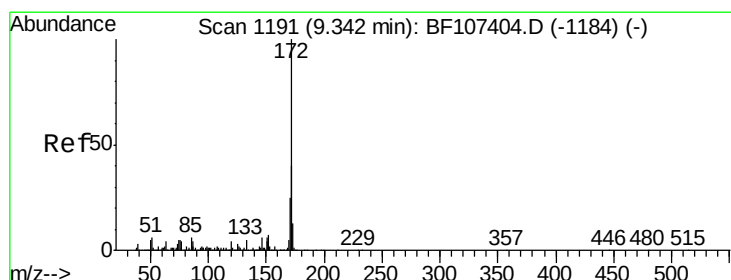
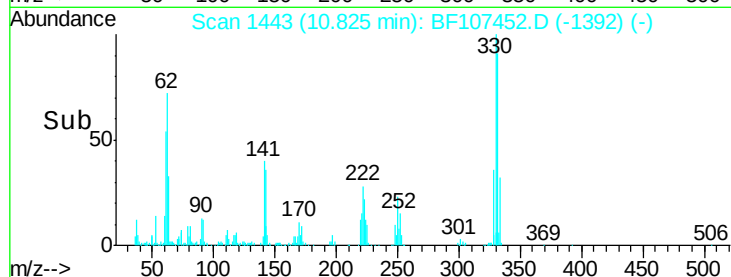
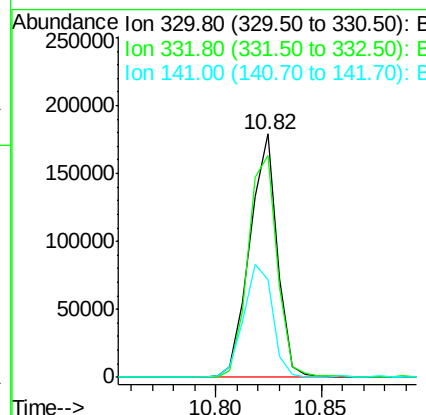
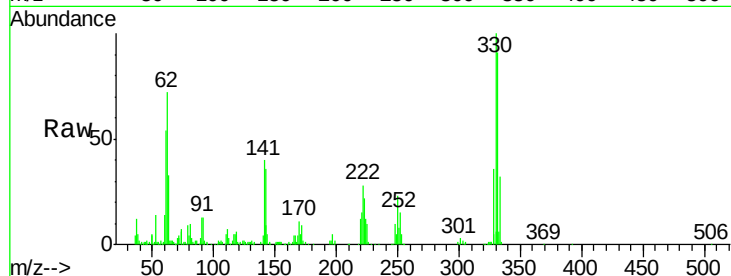




#41
 2,4,6-Tribromophenol
 Concen: 66.937 ng
 RT: 10.82 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF107452.D
 Acq: 17 Jul 2018 16:31

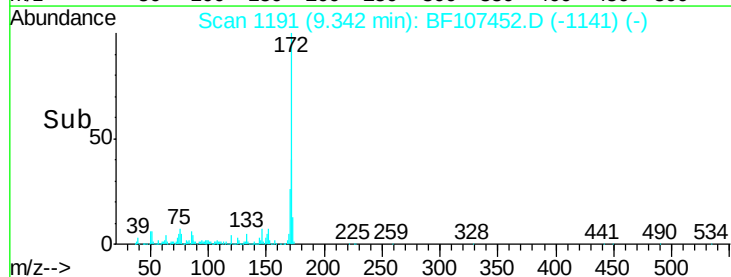
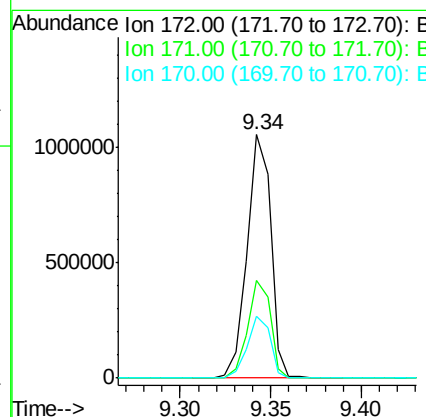
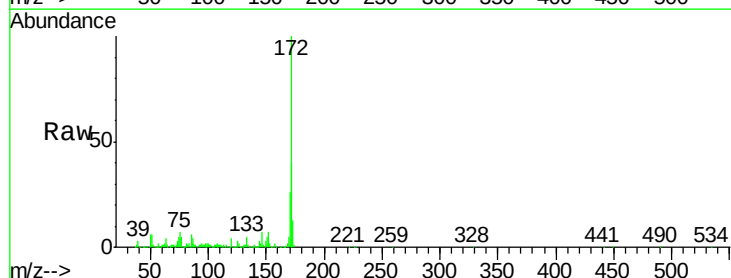
Instrument :
 BNA_F
 ClientSampleId :
 TP-F-S

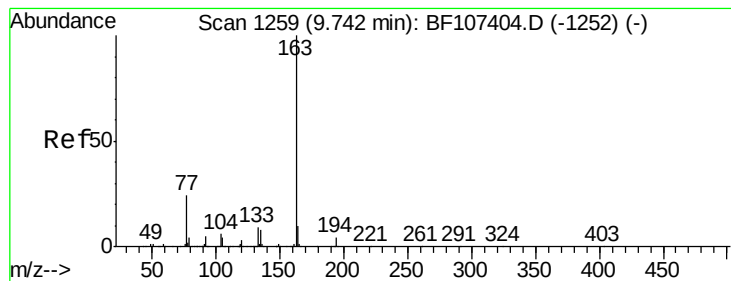
Tgt Ion: 330 Resp: 162559
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 48.4 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 53.944 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF107452.D
 Acq: 17 Jul 2018 16:31

Tgt Ion: 172 Resp: 959921
 Ion Ratio Lower Upper
 172 100
 171 40.1 29.7 44.5
 170 25.6 19.6 29.4





#49

Dimethylphthalate

Concen: 8.070 ng

RT: 9.74 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Instrument :

BNA_F

ClientSampleId :

TP-F-S

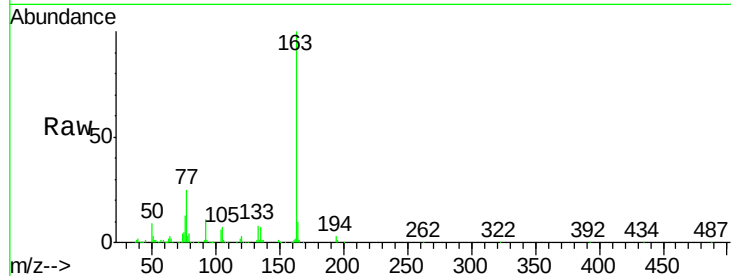
Tgt Ion:163 Resp: 177238

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

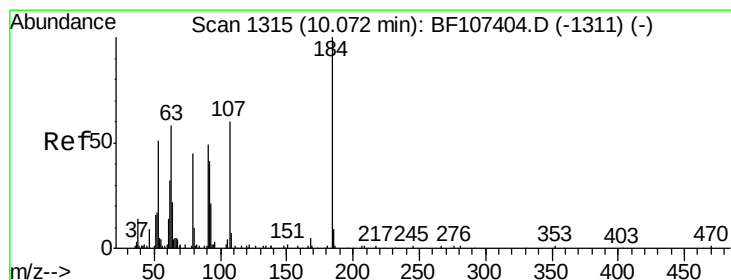
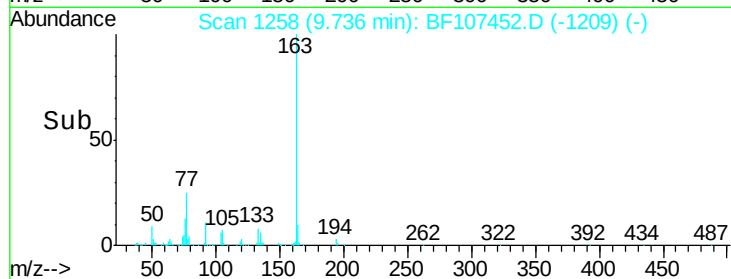
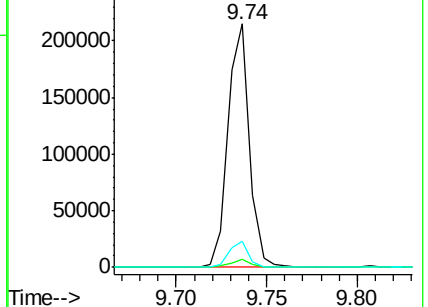
164 10.5 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 2.441 ng

RT: 10.05 min Scan# 1312

Delta R.T. -0.03 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

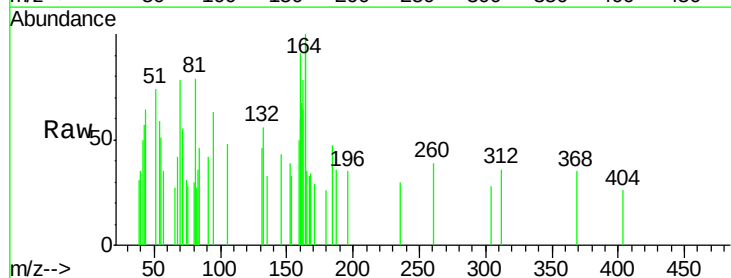
Tgt Ion:184 Resp: 195

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

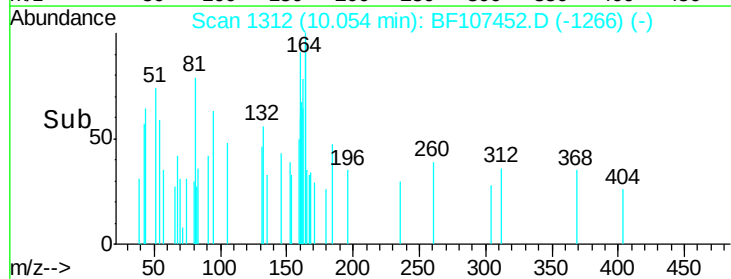
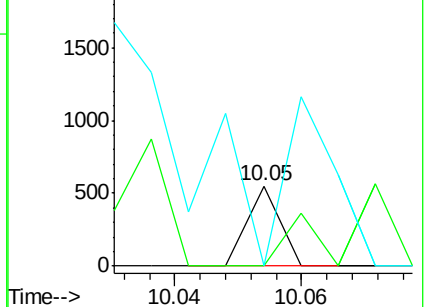
154 0.0 184.0 276.0#

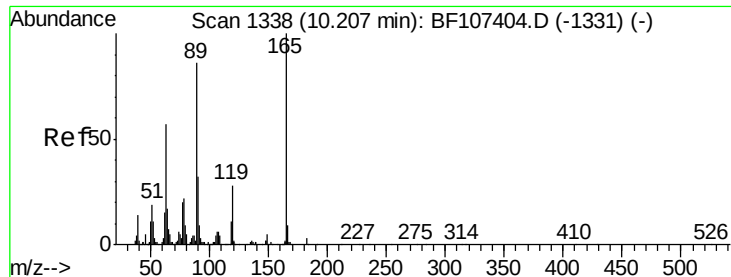


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

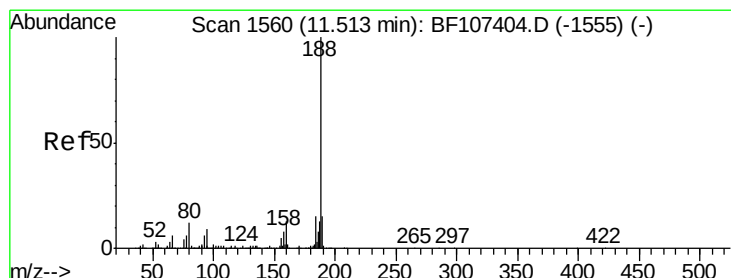
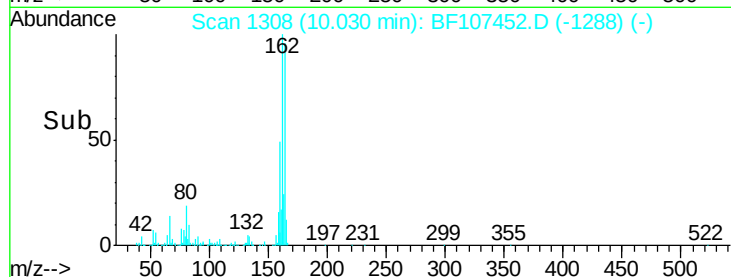
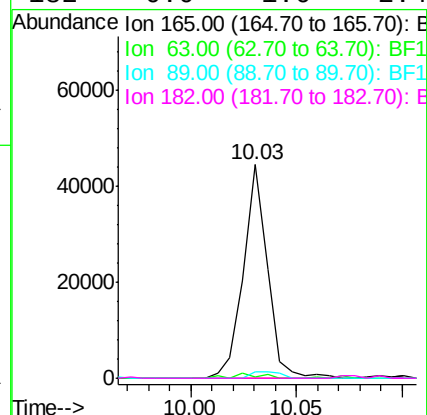
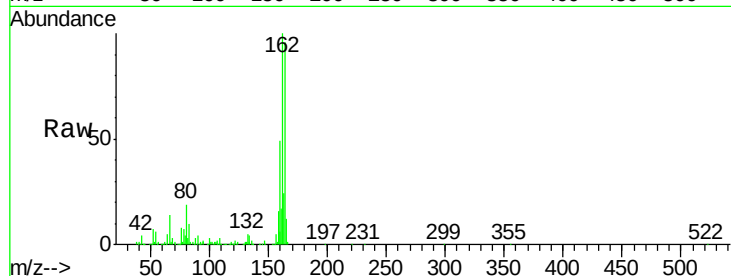




#56
2,4-Dinitrotoluene
Concen: 6.390 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.18 min
Lab File: BF107452.D
Acq: 17 Jul 2018 16:31

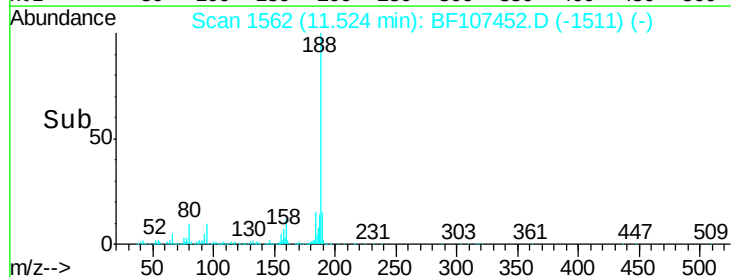
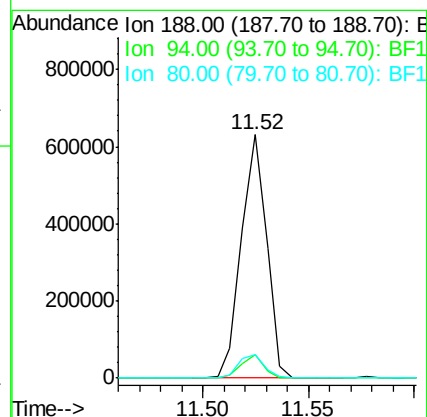
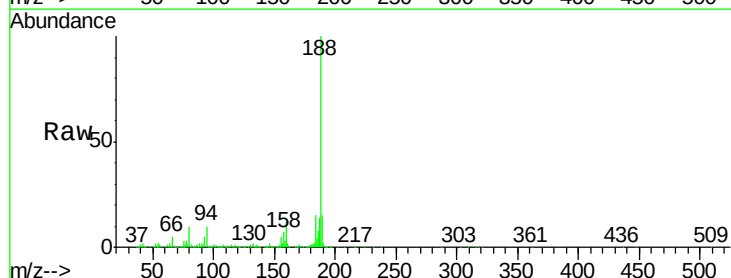
Instrument :
BNA_F
ClientSampleId :
TP-F-S

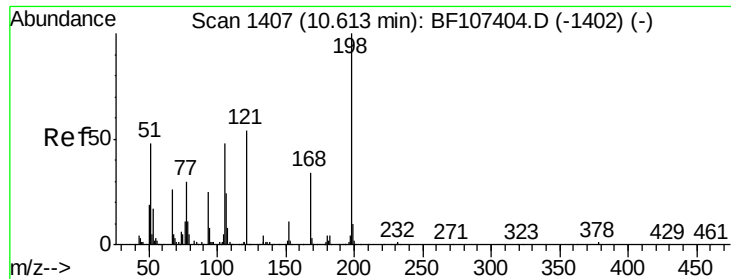
Tgt Ion:165 Resp: 34902
Ion Ratio Lower Upper
165 100
63 0.9 36.4 54.6#
89 3.1 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.52 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF107452.D
Acq: 17 Jul 2018 16:31

Tgt Ion:188 Resp: 521389
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.5 9.2 13.8

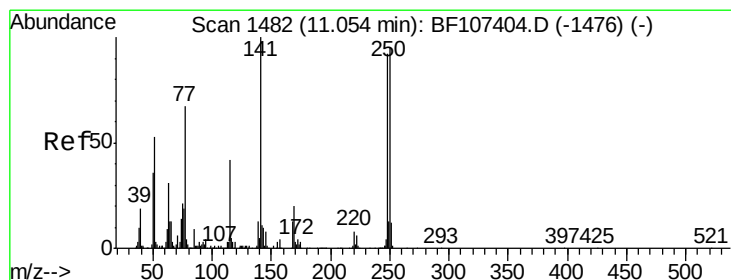
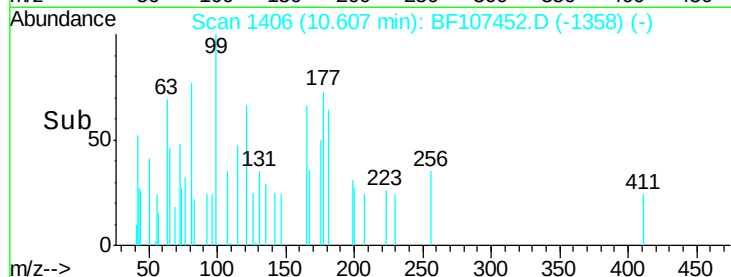
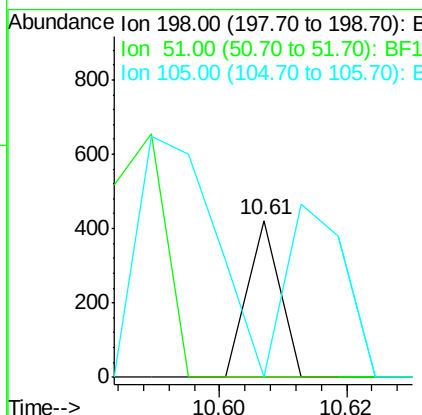
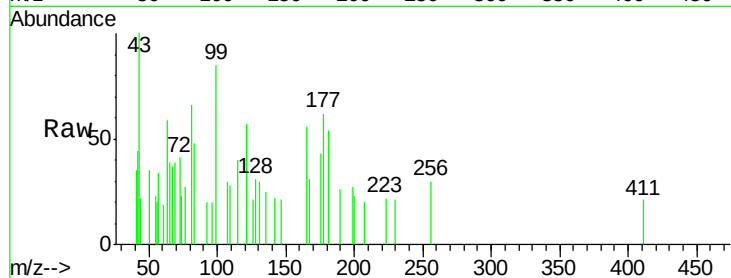




#64
4,6-Dinitro-2-methylphenol
Concen: 7.534 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.02 min
Lab File: BF107452.D
Acq: 17 Jul 2018 16:31

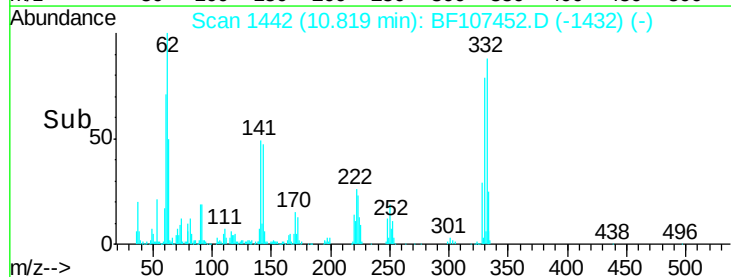
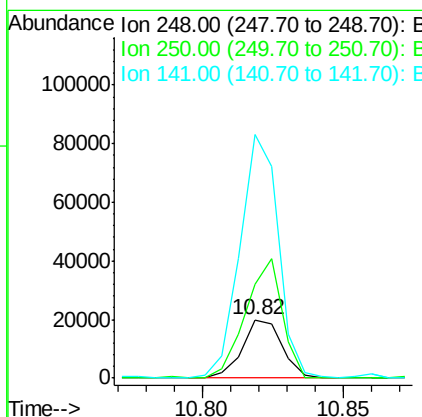
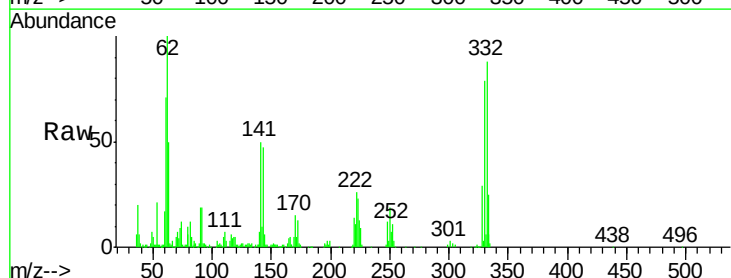
Instrument :
BNA_F
ClientSampleId :
TP-F-S

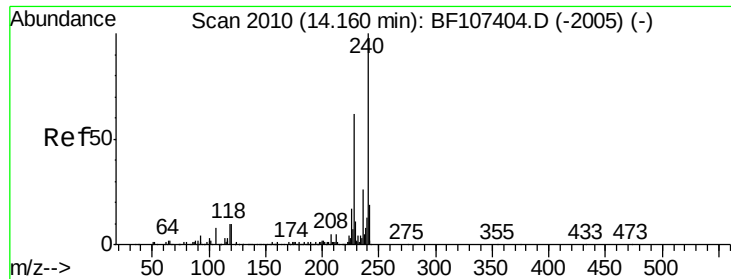
Tgt Ion:198 Resp: 149
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 0.0 36.3 76.3#



#66
4-Bromophenyl-phenylether
Concen: 3.254 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107452.D
Acq: 17 Jul 2018 16:31

Tgt Ion:248 Resp: 19410
Ion Ratio Lower Upper
248 100
250 161.5 76.9 115.3#
141 418.4 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.00 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Instrument :

BNA_F

ClientSampleId :

TP-F-S

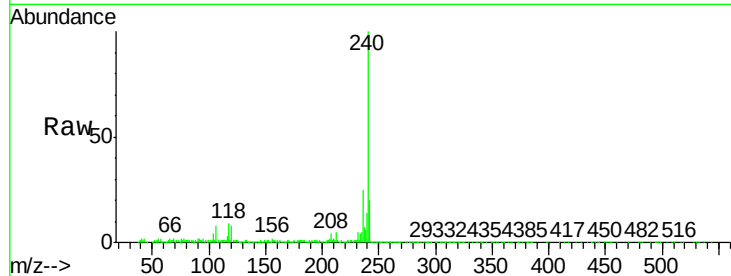
Tgt Ion:240 Resp: 411808

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

236 25.3 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

600000

500000

400000

300000

200000

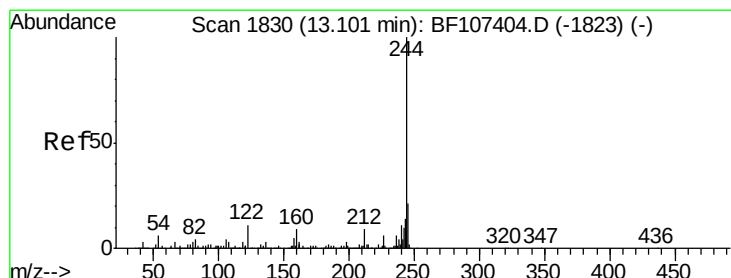
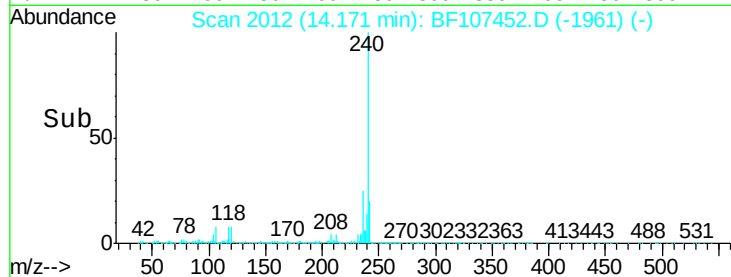
100000

0

14.10

14.20

Time-->



#78

Terphenyl-d14

Concen: 52.145 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

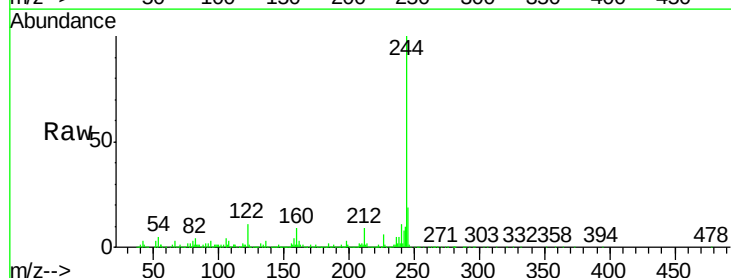
Tgt Ion:244 Resp: 864273

Ion Ratio Lower Upper

244 100

212 8.8 5.4 8.0#

122 11.1 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

1200000

1000000

800000

600000

400000

200000

0

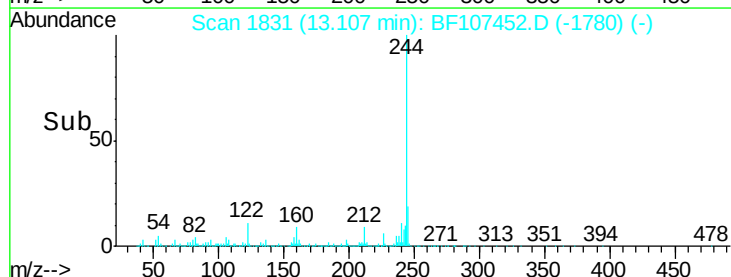
13.05

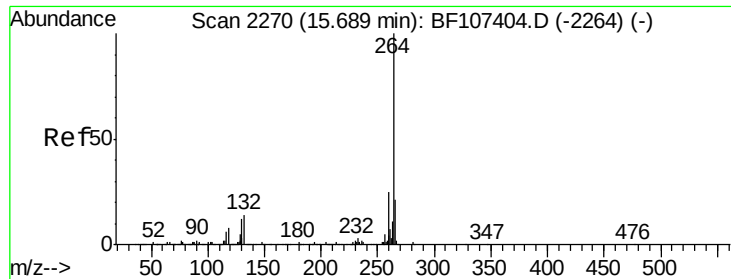
13.10

13.15

13.20

Time-->





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.72 min Scan# 2275

Delta R.T. 0.01 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

Instrument :

BNA_F

ClientSampleId :

TP-F-S

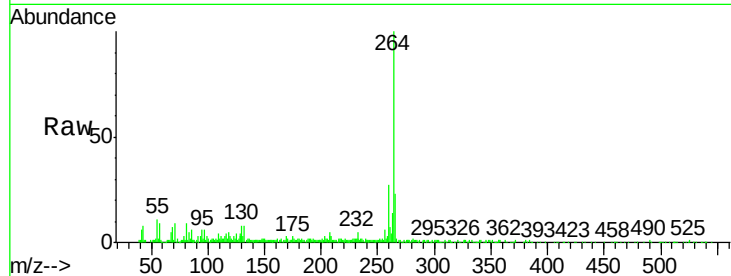
Tgt Ion:264 Resp: 268409

Ion Ratio Lower Upper

264 100

260 26.6 19.2 28.8

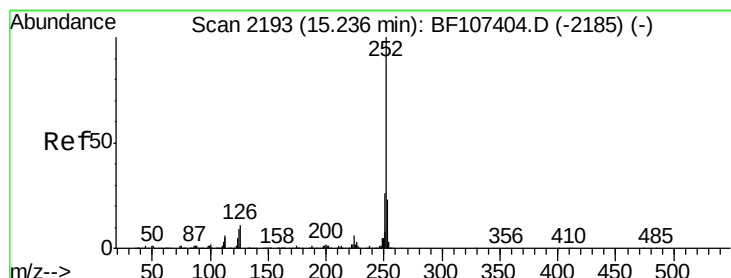
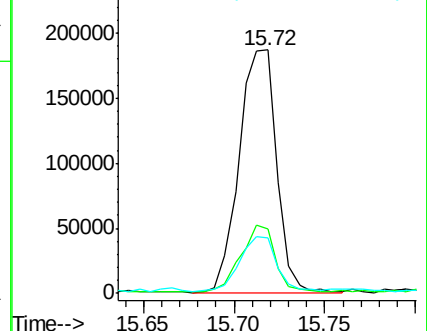
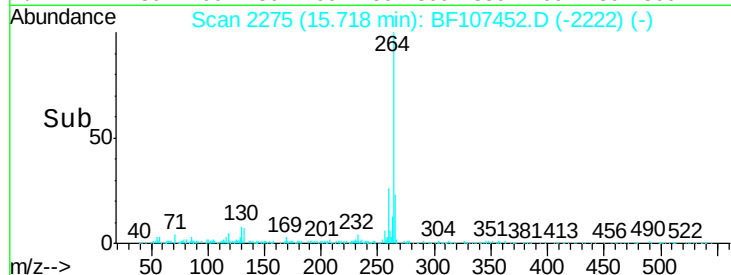
265 22.7 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 2.795 ng

RT: 15.25 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BF107452.D

Acq: 17 Jul 2018 16:31

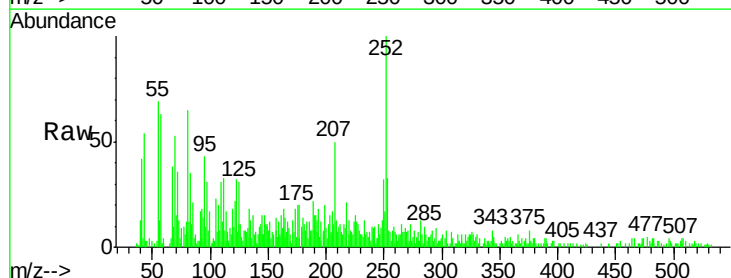
Tgt Ion:252 Resp: 43918

Ion Ratio Lower Upper

252 100

253 33.3 17.0 25.6#

125 30.5 9.0 13.6#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

