

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 01:20:21 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

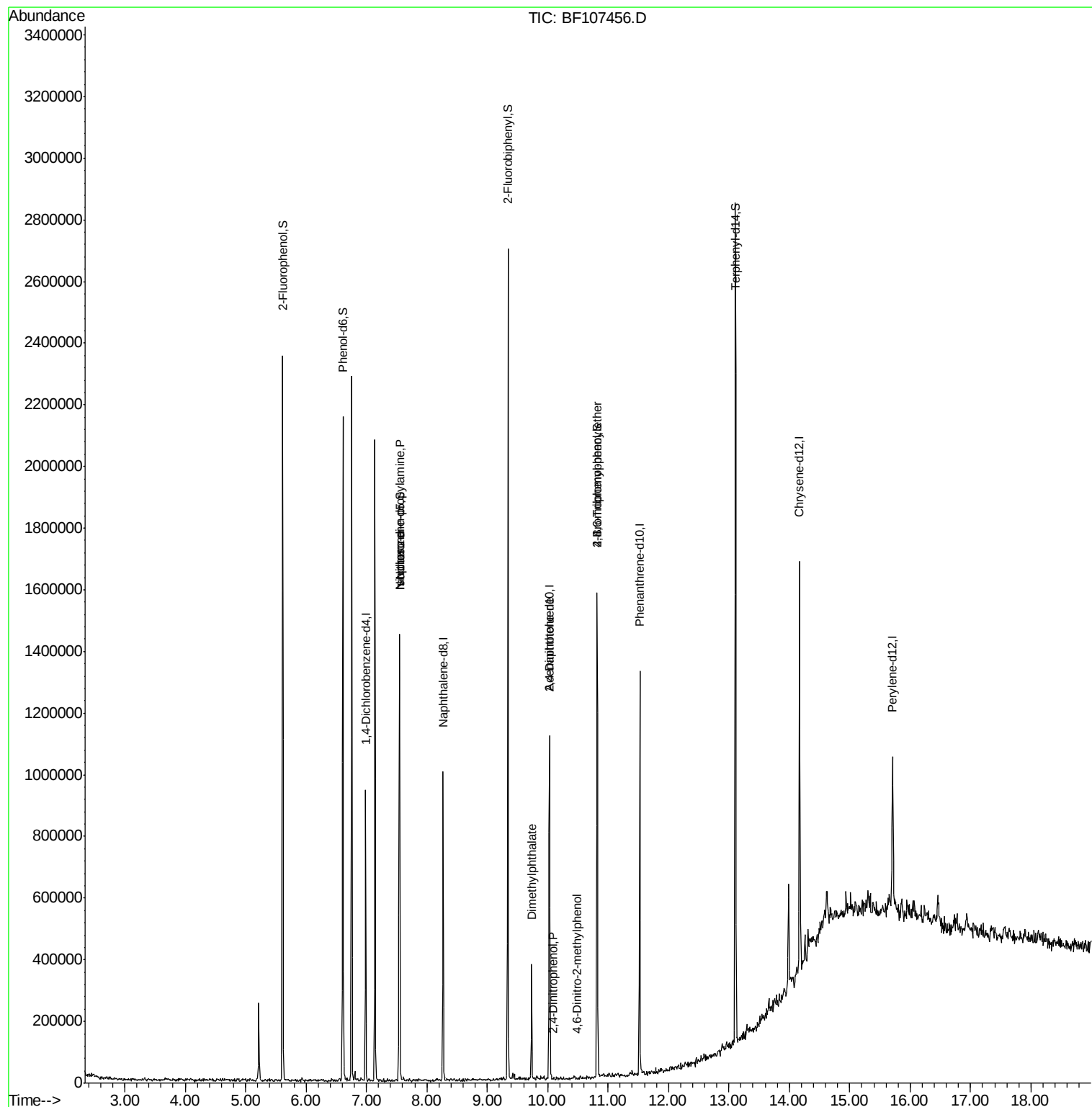
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	112204	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	374797	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	188957	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	407777	20.00	ng	0.00
75) Chrysene-d12	14.17	240	403430	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						
19) n-Nitroso-di-n-propylamine	7.55	70	66800	9.767	ng	# 75
25) Isophorone	7.55	82	423626	30.408	ng	# 64
49) Dimethylphthalate	9.74	163	128754	8.576	ng	# 97
53) 2,4-Dinitrophenol	10.10	184	124	2.427	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	27573	7.384	ng	# 24
64) 4,6-Dinitro-2-methylphenol	10.48	198	227	7.577	ng	# 23
66) 4-Bromophenyl-phenylether	10.82	248	14128	3.028	ng	# 1

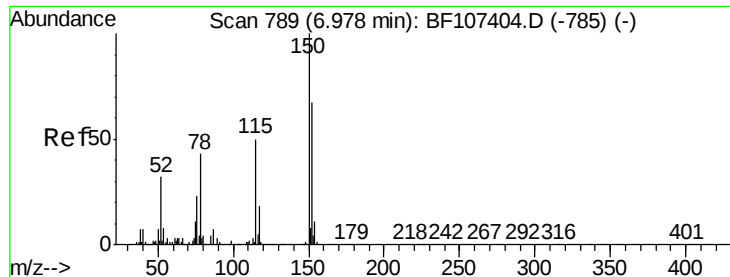
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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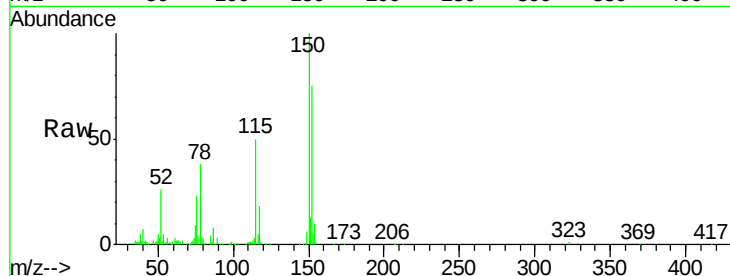


#1

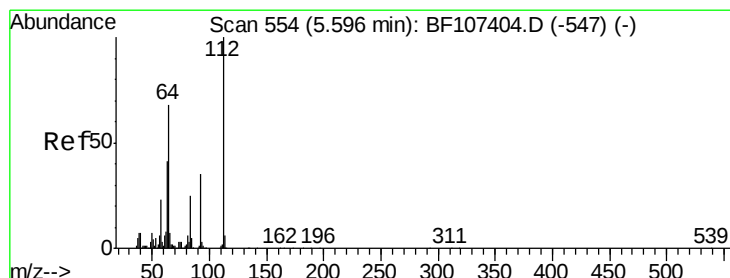
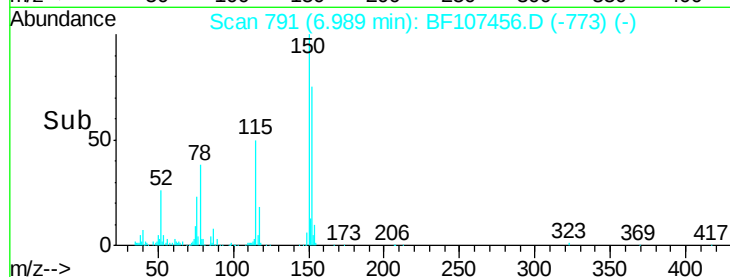
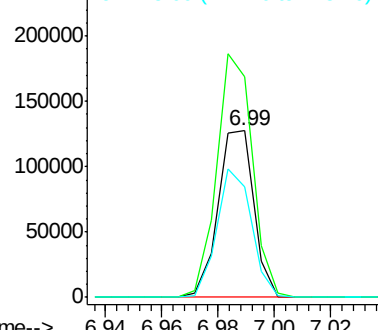
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.99 min Scan# 791
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampled :
MH-1

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



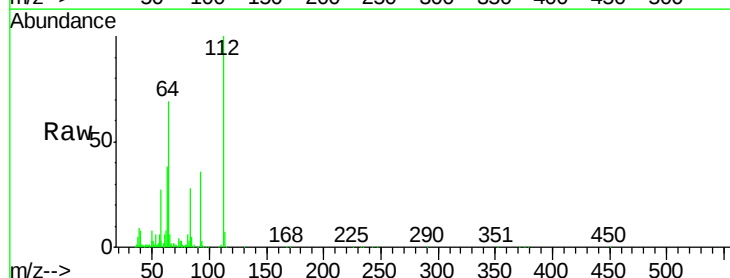
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



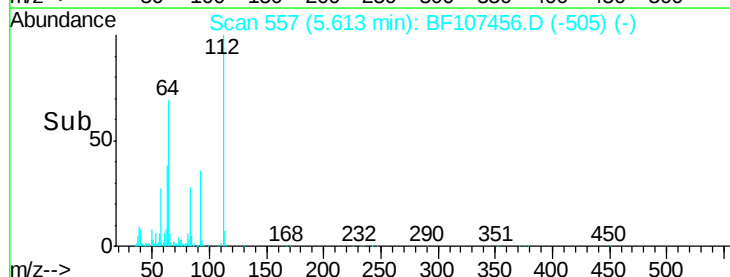
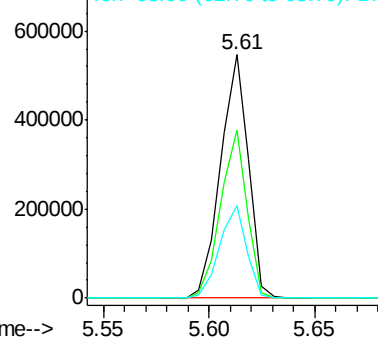
#5

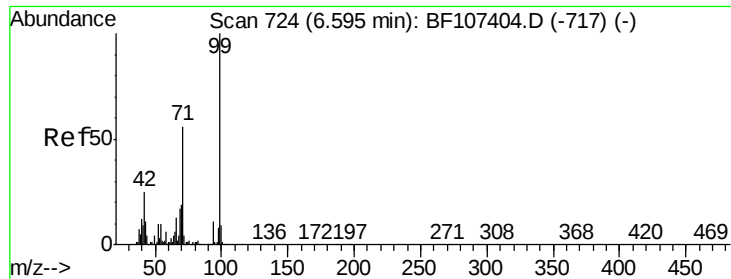
2-Fluorophenol
Concen: 67.474 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

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

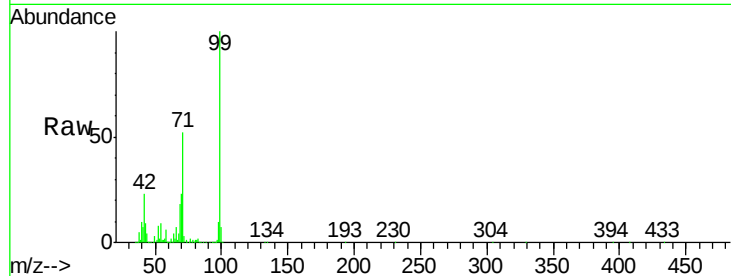
Tgt Ion: 99 Resp: 605104

Ion Ratio Lower Upper

99 100

42 23.0 14.5 21.7#

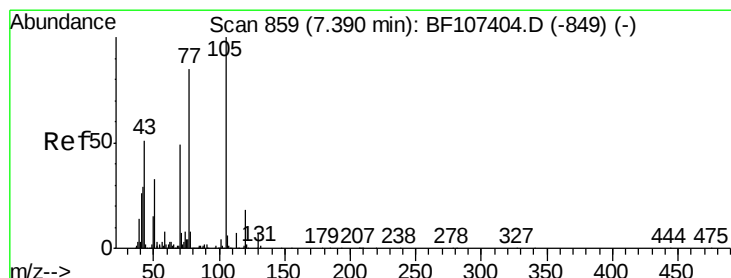
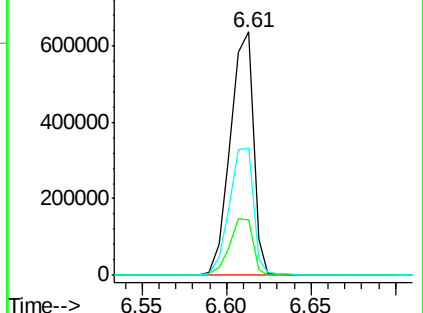
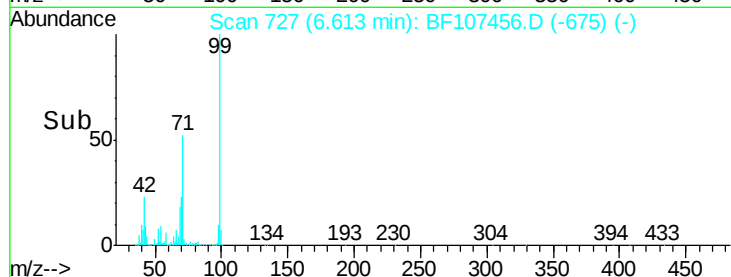
71 52.1 25.4 38.0#



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



#19

n-Nitroso-di-n-propylamine

Concen: 9.767 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

Tgt Ion: 70 Resp: 66800

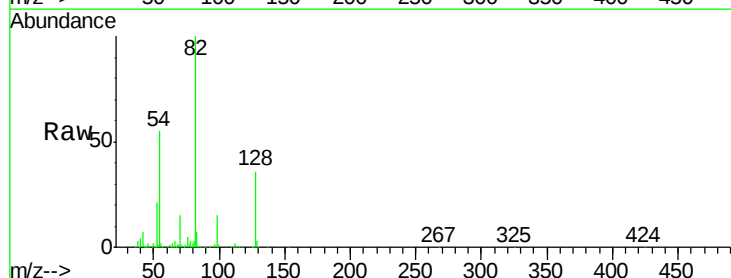
Ion Ratio Lower Upper

70 100

42 45.6 47.5 71.3#

101 0.0 7.4 11.2#

130 0.9 16.6 25.0#

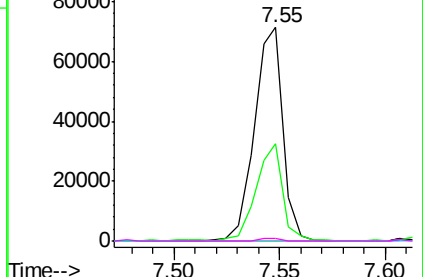
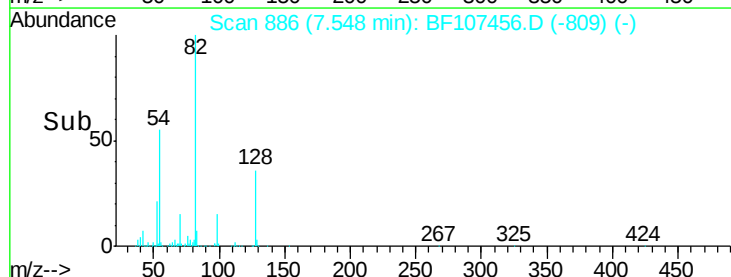


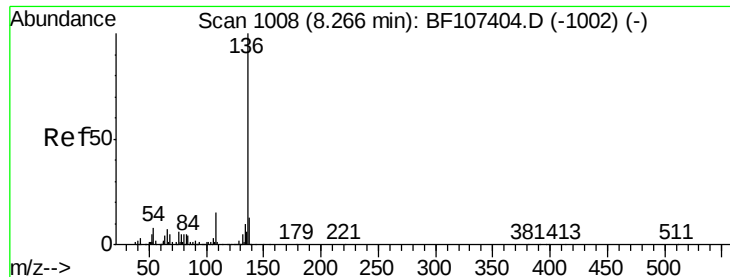
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

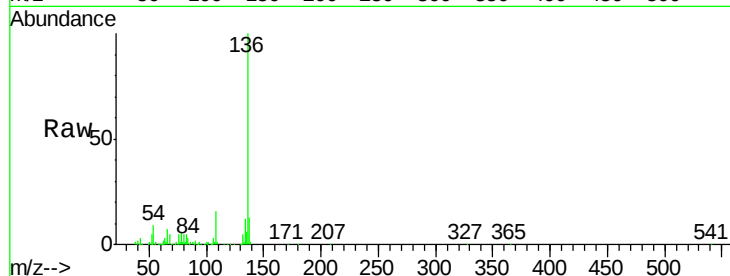




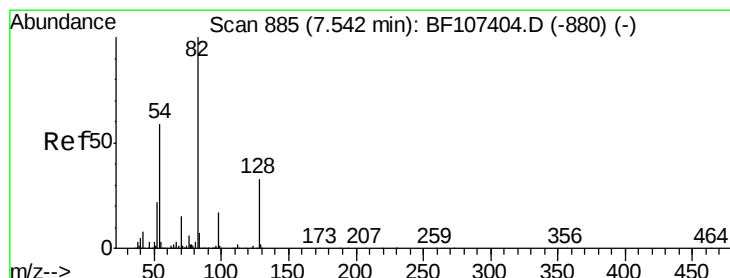
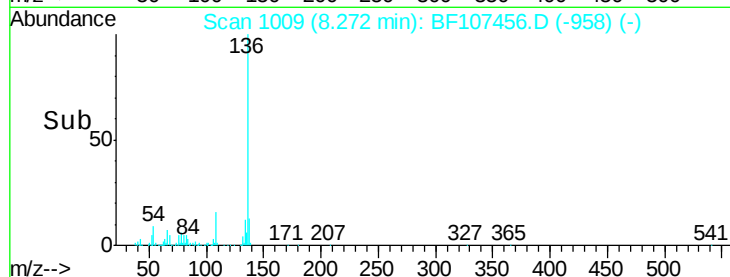
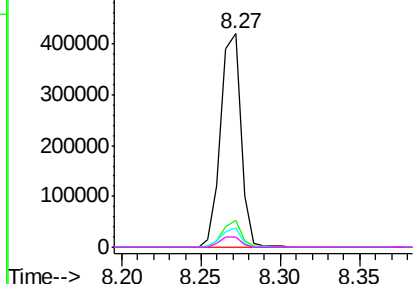
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

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#

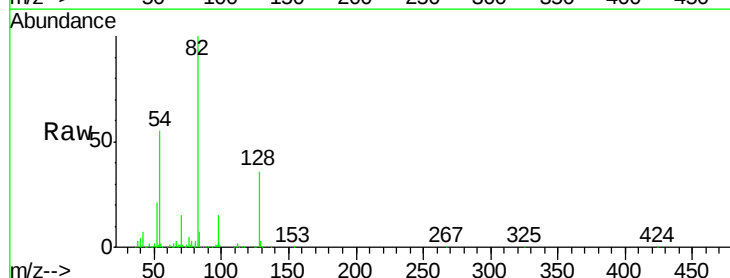


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

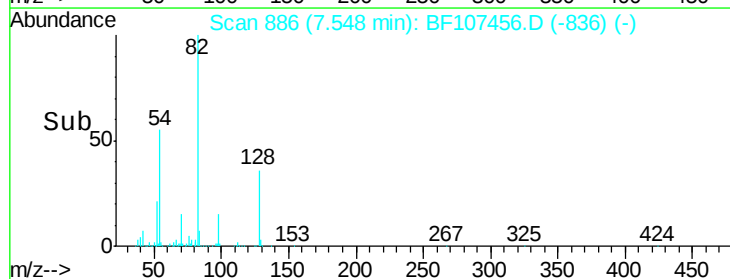
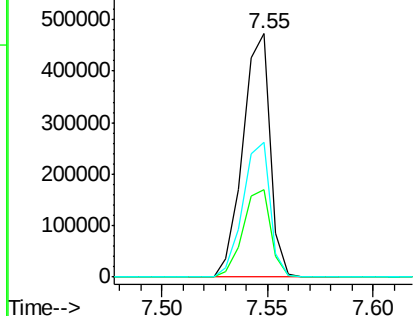


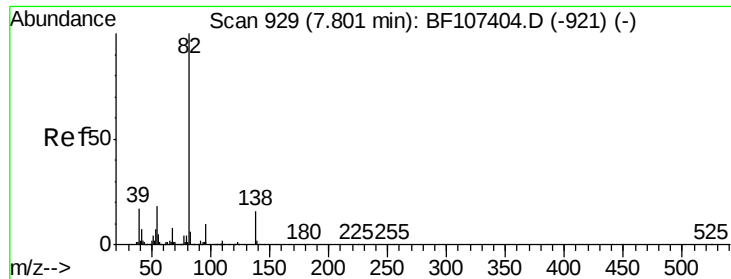
#23
Nitrobenzene-d5
Concen: 60.273 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Tgt Ion:	82	Resp:	423636
Ion	Ratio	Lower	Upper
82	100		
128	36.0	36.1	54.1#
54	55.2	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: 30.408 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

Instrument :

BNA_F

ClientSampleId :

MH-1

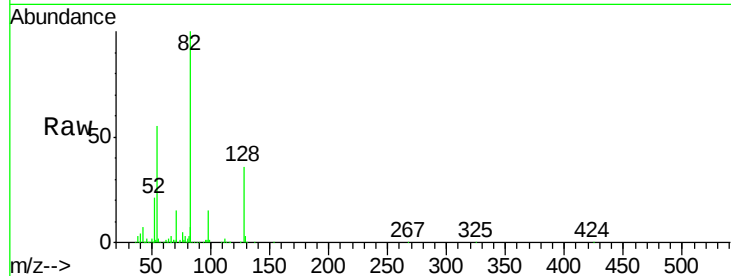
Tgt Ion: 82 Resp: 423626

Ion Ratio Lower Upper

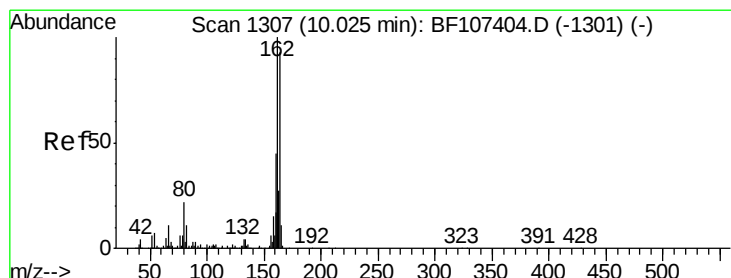
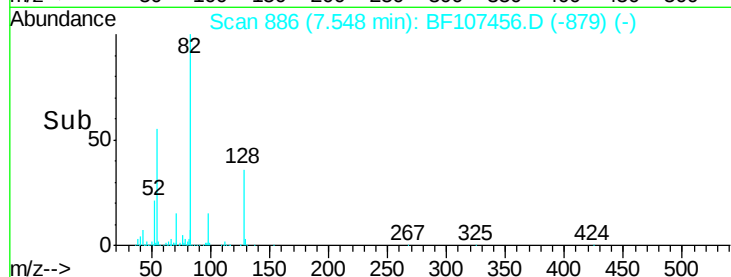
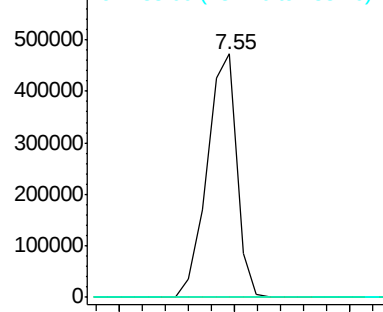
82 100

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: BF107456.D

Acq: 17 Jul 2018 18:20

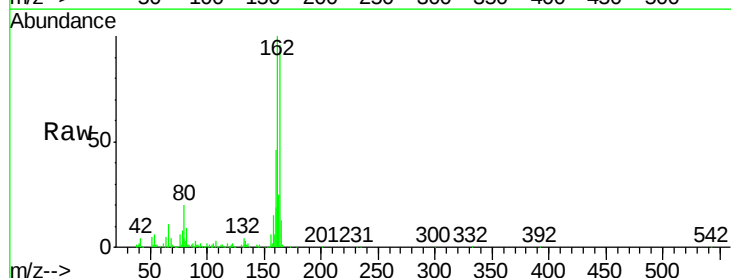
Tgt Ion: 164 Resp: 188957

Ion Ratio Lower Upper

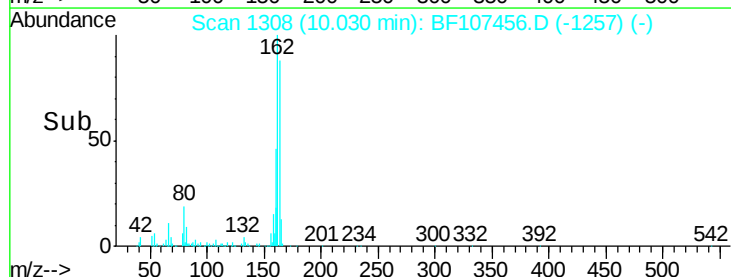
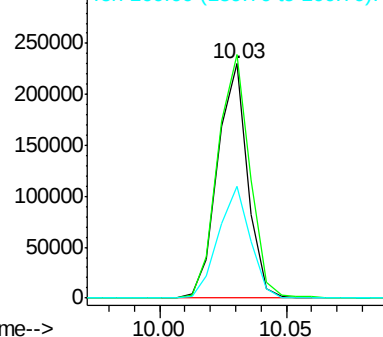
164 100

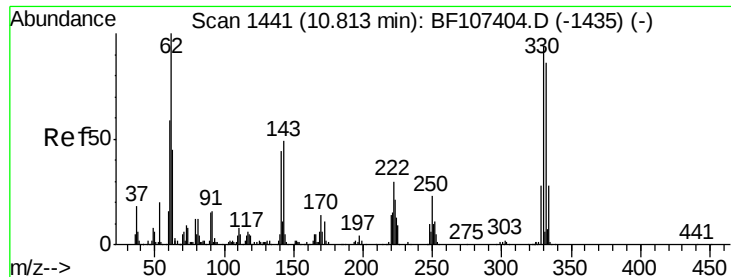
162 104.0 86.1 129.1

160 47.7 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

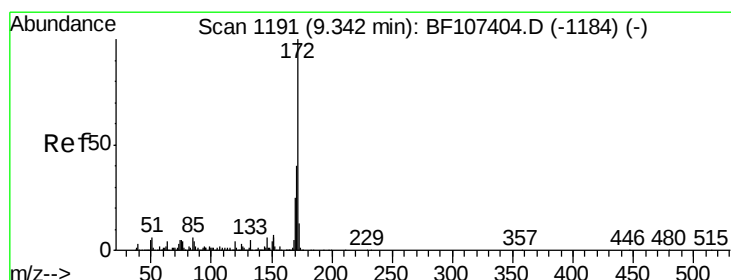
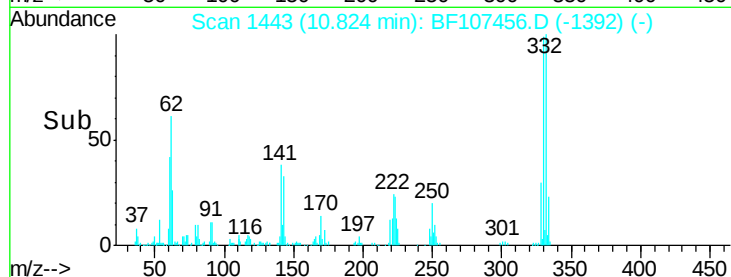
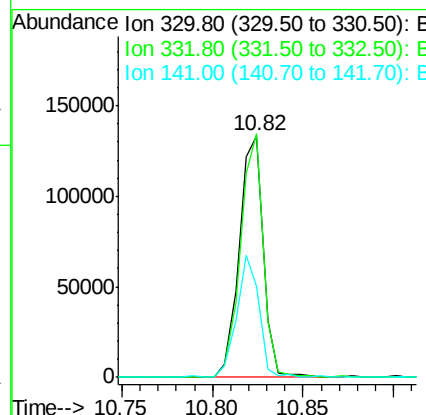
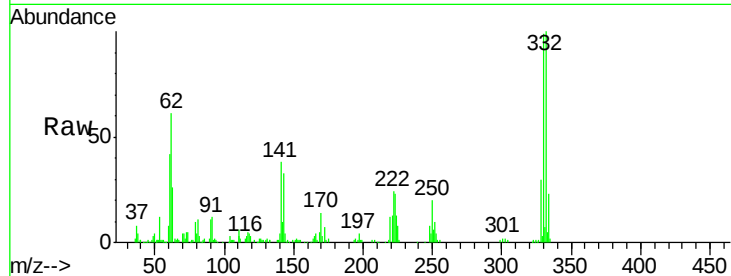




#41
2,4,6-Tribromophenol
Concen: 74.466 ng
RT: 10.82 min Scan# 1443
Delta R.T. -0.00 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

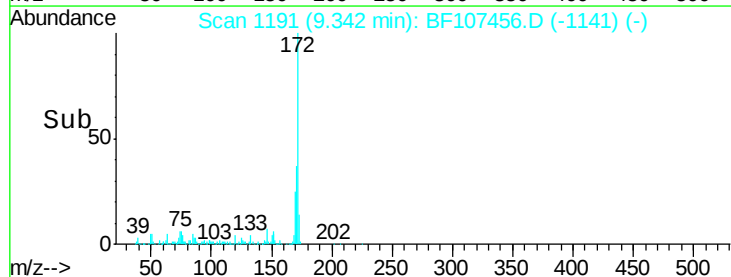
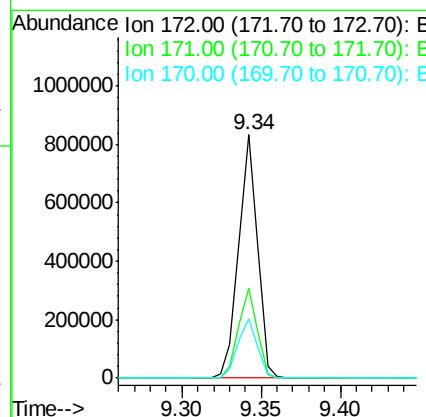
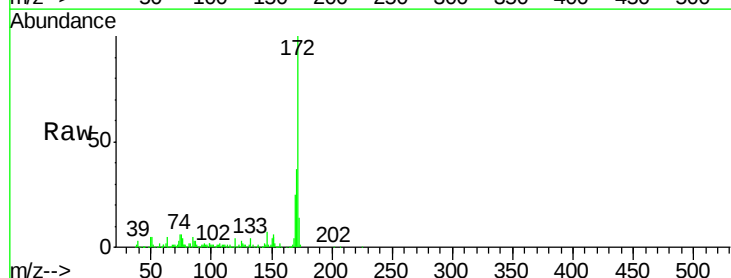
Instrument :
BNA_F
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MH-1

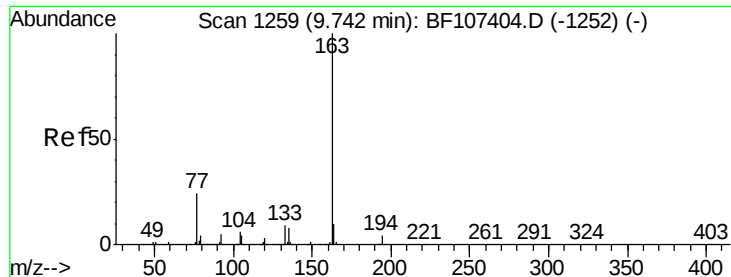
Tgt Ion:330 Resp: 123630
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 46.9 29.9 44.9#



#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

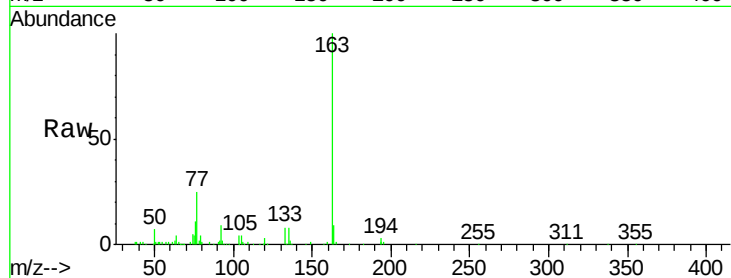
Tgt Ion:163 Resp: 128754

Ion Ratio Lower Upper

163 100

194 2.8 2.7 4.1

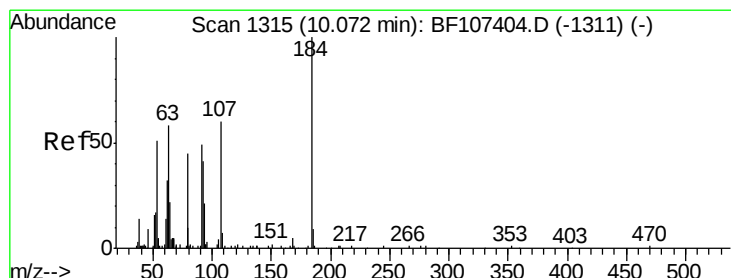
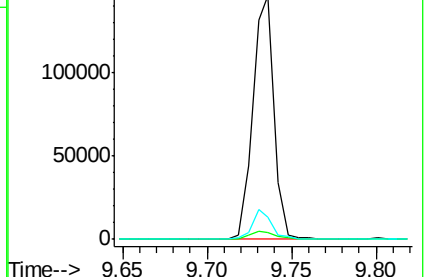
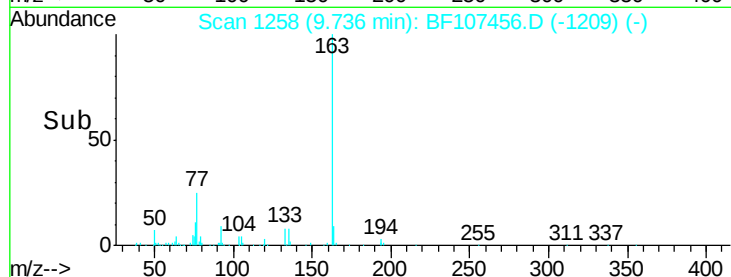
164 8.9 8.2 12.2



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



#53

2,4-Dinitrophenol

Concen: 2.427 ng

RT: 10.10 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

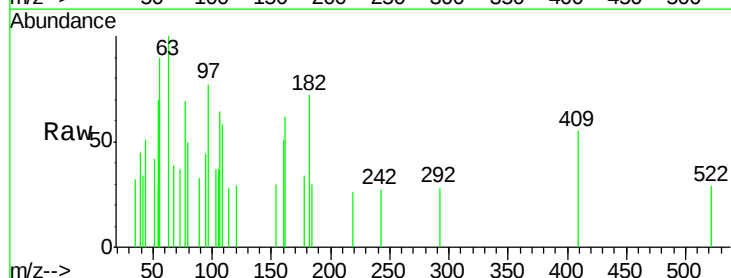
Tgt Ion:184 Resp: 124

Ion Ratio Lower Upper

184 100

63 332.9 54.2 81.2#

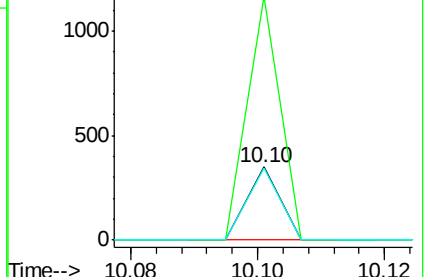
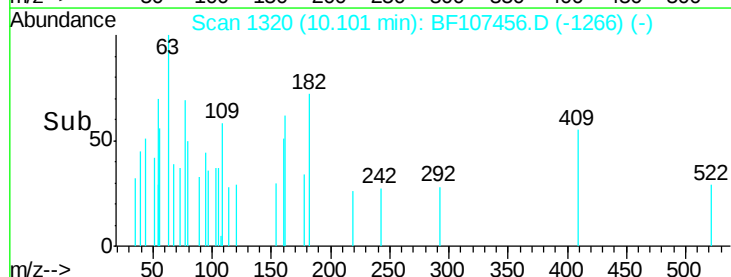
154 98.6 184.0 276.0#

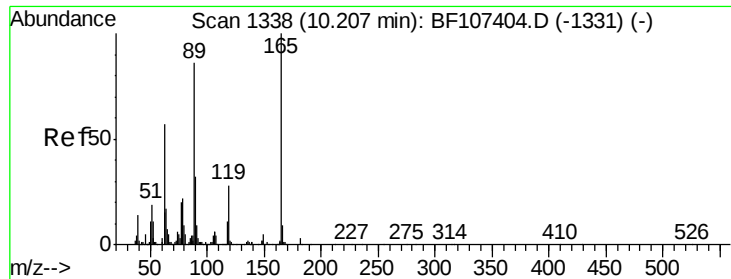


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 7.384 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF107456.D

Acq: 17 Jul 2018 18:20

Instrument :

BNA_F

ClientSampled :

MH-1

Tgt Ion:165 Resp: 27573

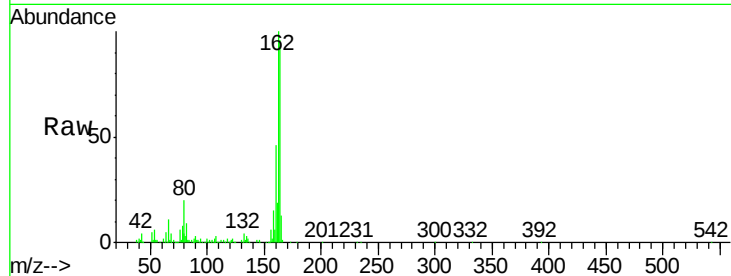
Ion Ratio Lower Upper

165 100

63 1.1 36.4 54.6#

89 2.3 57.8 86.6#

182 0.0 1.6 2.4#

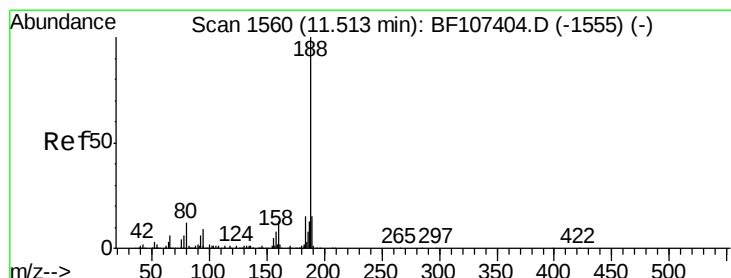
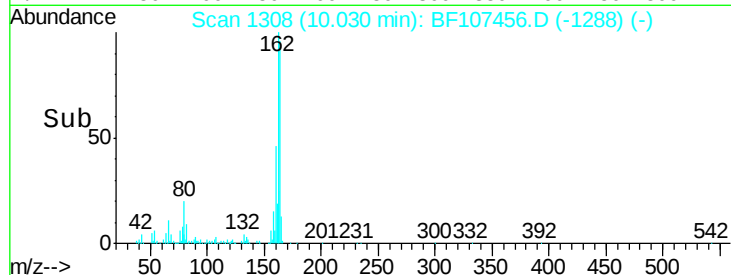
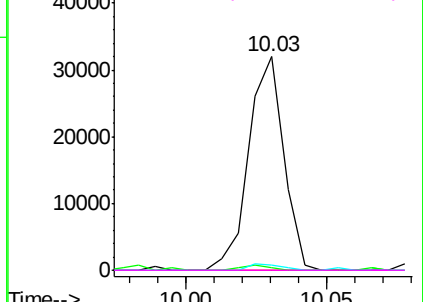


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): 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

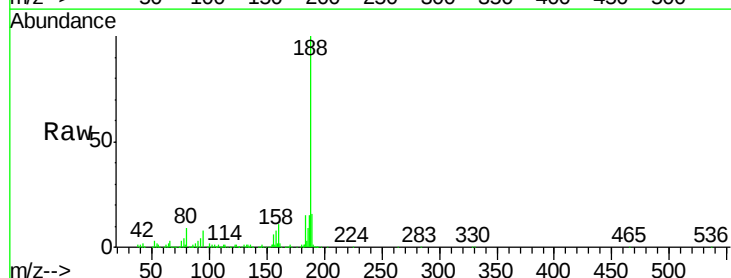
Tgt Ion:188 Resp: 407777

Ion Ratio Lower Upper

188 100

94 7.7 8.5 12.7#

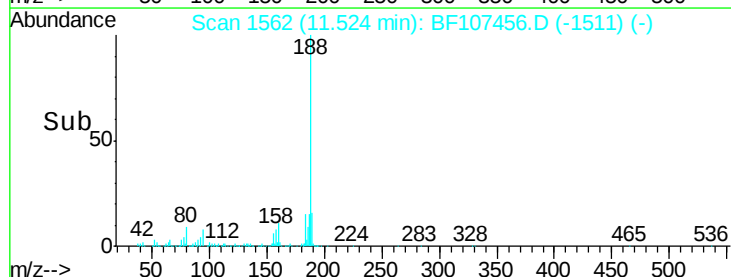
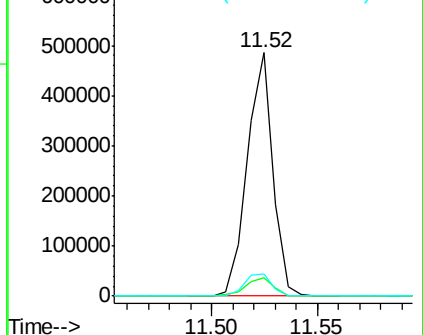
80 9.1 9.2 13.8#

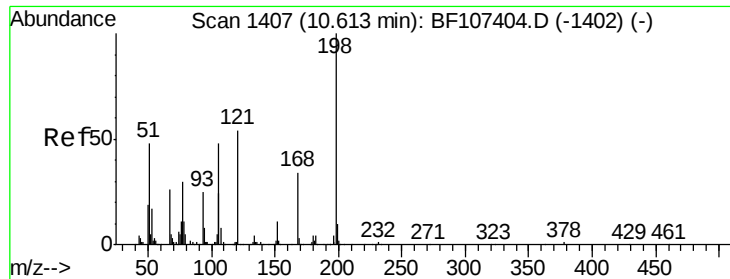


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

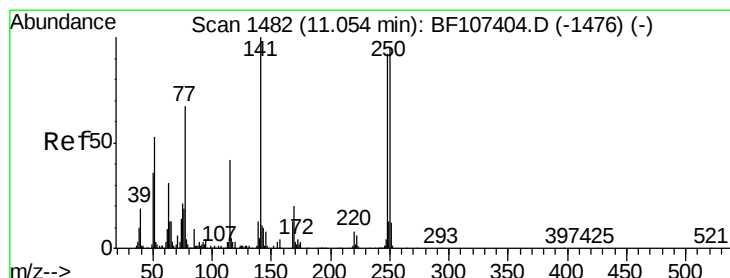
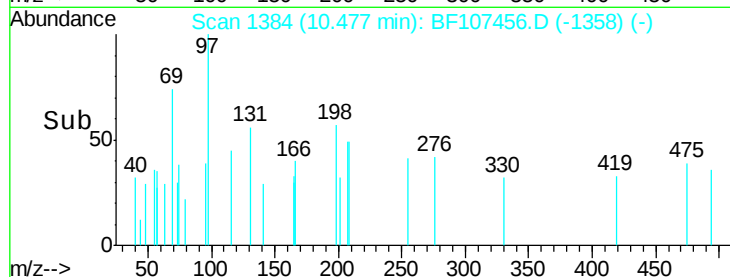
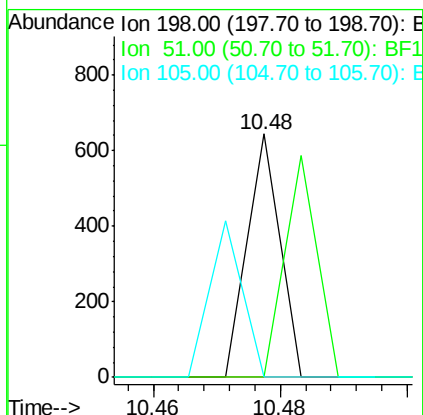
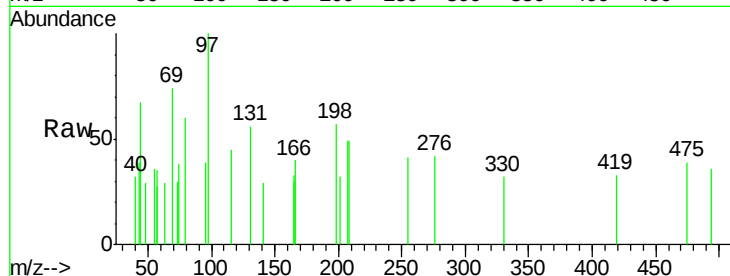




#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.577 ng
 RT: 10.48 min Scan# 1384
 Delta R.T. -0.15 min
 Lab File: BF107456.D
 Acq: 17 Jul 2018 18:20

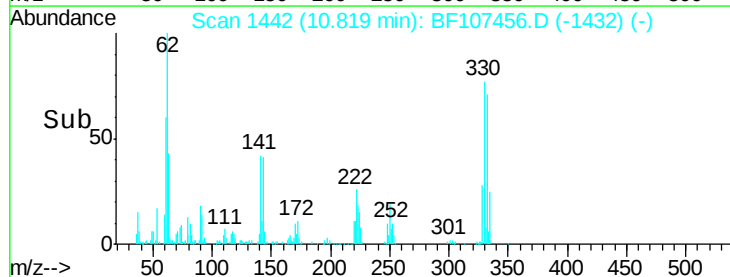
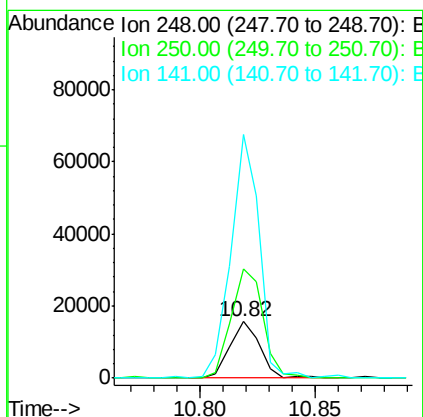
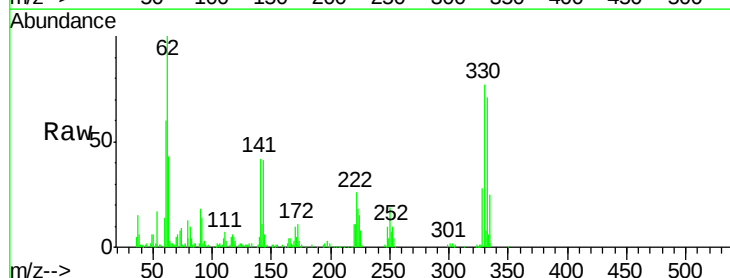
Instrument :
 BNA_F
 ClientSampleId :
 MH-1

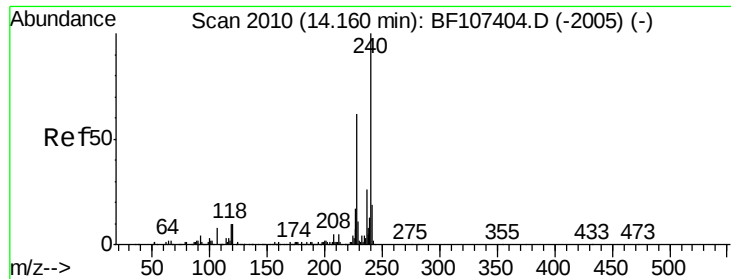
Tgt Ion:198 Resp: 227
 Ion Ratio Lower Upper
 198 100
 51 0.0 37.7 77.7#
 105 0.0 36.3 76.3#



#66
 4-Bromophenyl-phenylether
 Concen: 3.028 ng
 RT: 10.82 min Scan# 1442
 Delta R.T. -0.24 min
 Lab File: BF107456.D
 Acq: 17 Jul 2018 18:20

Tgt Ion:248 Resp: 14128
 Ion Ratio Lower Upper
 248 100
 250 193.8 76.9 115.3#
 141 430.2 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: BF107456.D

Acq: 17 Jul 2018 18:20

Instrument :

BNA_F

ClientSampleId :

MH-1

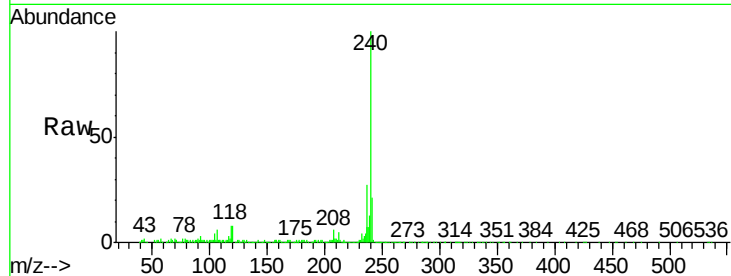
Tgt Ion:240 Resp: 403430

Ion Ratio Lower Upper

240 100

120 7.6 9.5 14.3#

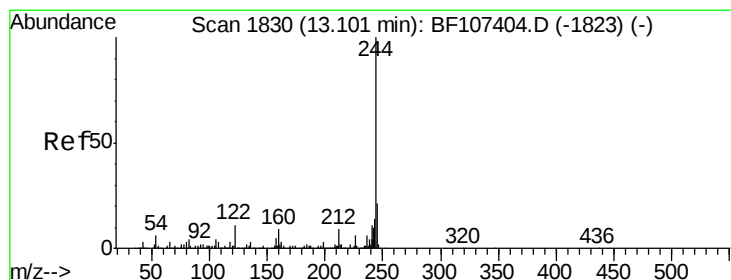
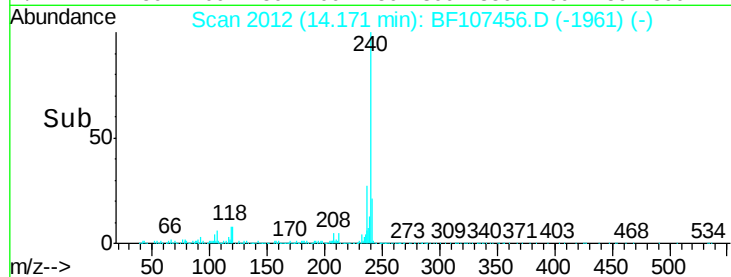
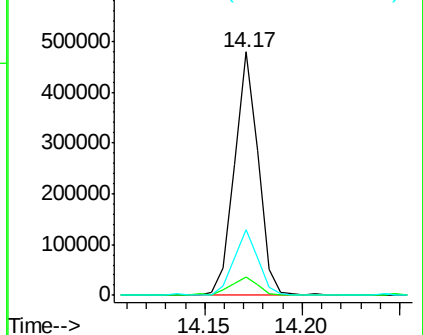
236 26.9 20.7 31.1



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

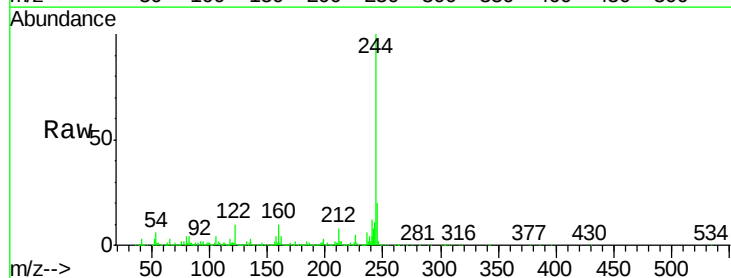
Tgt Ion:244 Resp: 811037

Ion Ratio Lower Upper

244 100

212 8.4 5.4 8.0#

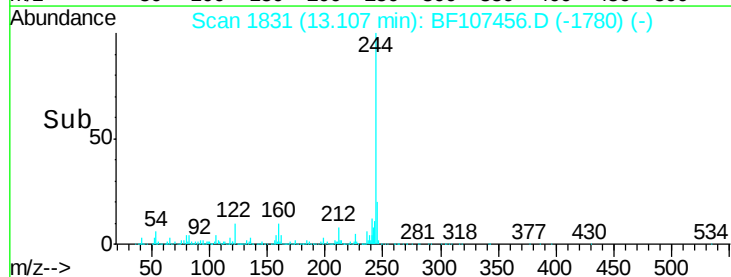
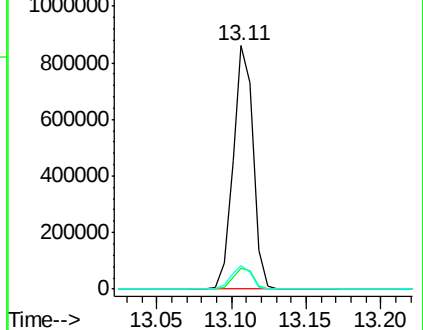
122 9.6 11.0 16.4#

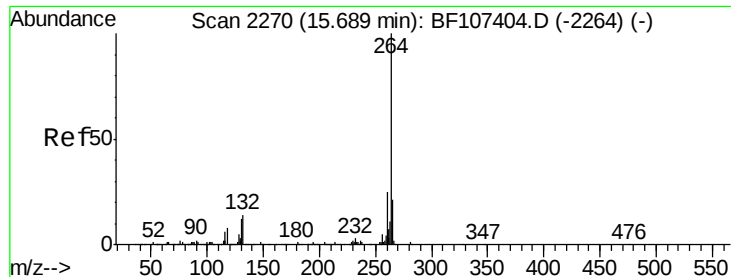


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

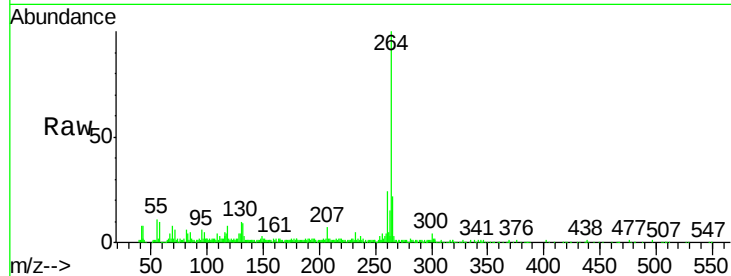




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF107456.D
Acq: 17 Jul 2018 18:20

Instrument :
BNA_F
ClientSampleId :
MH-1

Tgt Ion:	264	Resp:	212685
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.8	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

