

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071618\
 Data File : BF107433.D
 Acq On : 17 Jul 2018 5:13
 Operator : JU/SJ
 Sample : J3633-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-6)

Quant Time: Jul 17 06:09:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF071618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 16 17:24:26 2018
 Response via : Initial Calibration

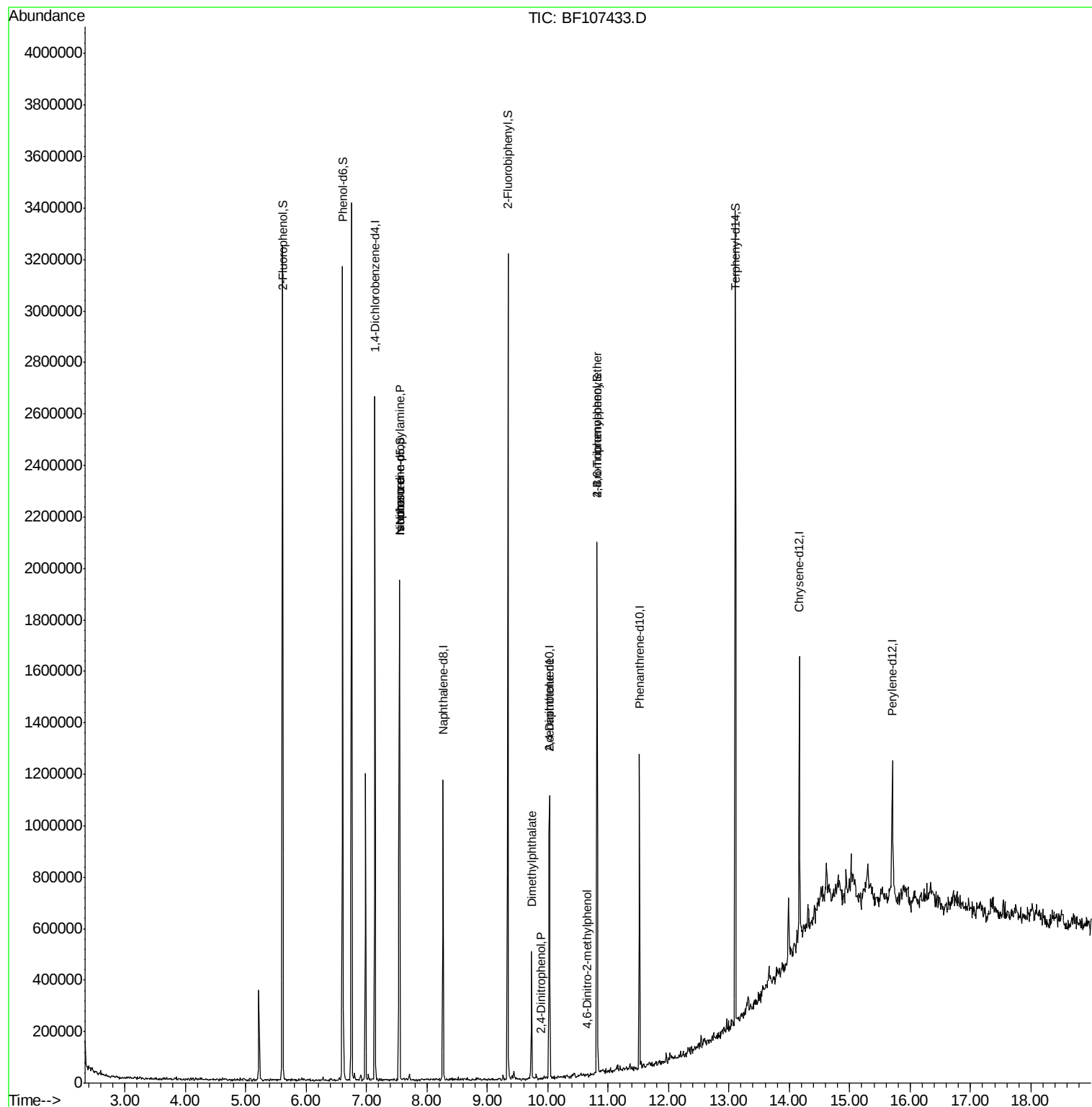
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	317969	20.00	ng	0.16
21) Naphthalene-d8	8.27	136	428331	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	188530	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	401243	20.00	ng	0.00
75) Chrysene-d12	14.17	240	373251	20.00	ng	0.01
86) Perylene-d12	15.71	264	229765	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	705715	33.71	ng	0.02
7) Phenol-d6	6.61	99	901396	33.30	ng	0.01
23) Nitrobenzene-d5	7.55	82	584737	72.80	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	158597	95.74	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	825147	71.22	ng	0.00
78) Terphenyl-d14	13.11	244	924313	61.53	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.55	70	95249	4.915	ng	# 72
25) Isophorone	7.55	82	584724	36.725	ng	# 64
49) Dimethylphthalate	9.73	163	153934	10.276	ng	# 99
53) 2,4-Dinitrophenol	9.90	184	153	2.470	ng	# 1
56) 2,4-Dinitrotoluene	10.02	165	26177	7.026	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.66	198	107	7.531	ng	# 24
66) 4-Bromophenyl-phenylether	10.82	248	18345	3.996	ng	# 1

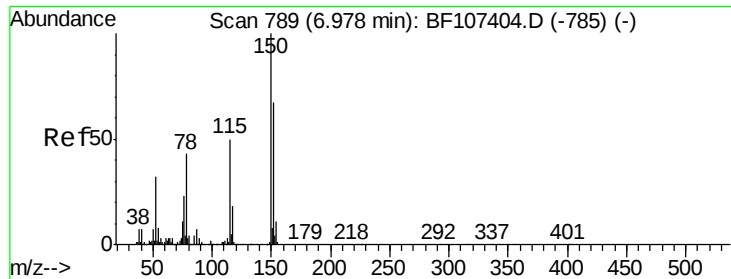
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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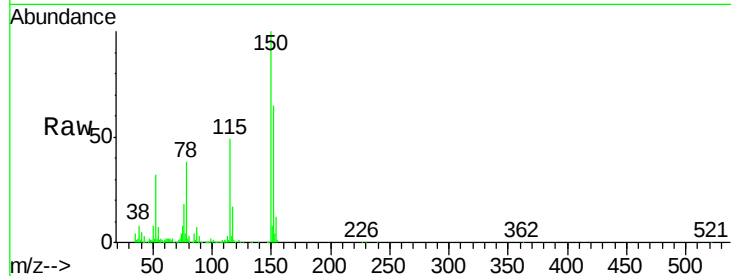


#1

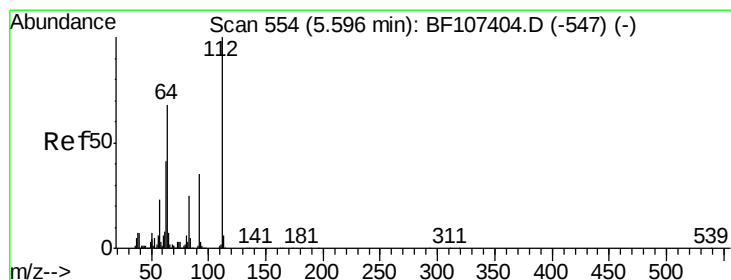
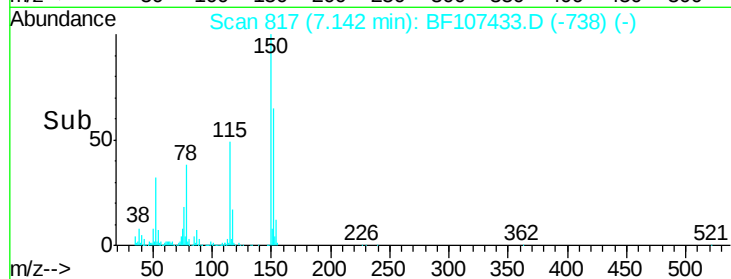
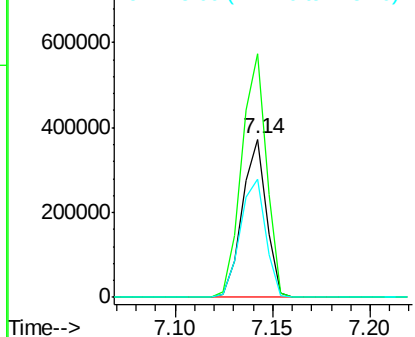
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.14 min Scan# 817
Delta R.T. 0.16 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.6	186.8
115	74.8	50.1	75.1



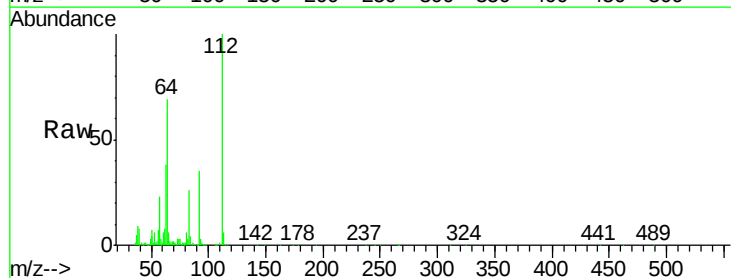
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



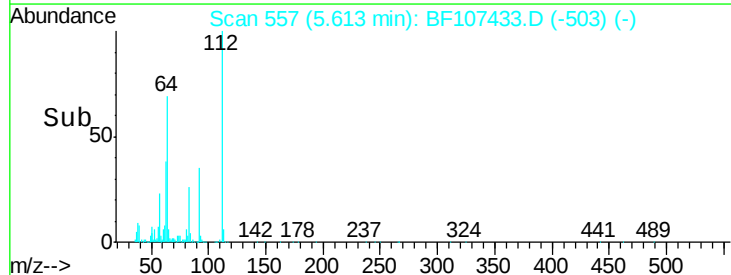
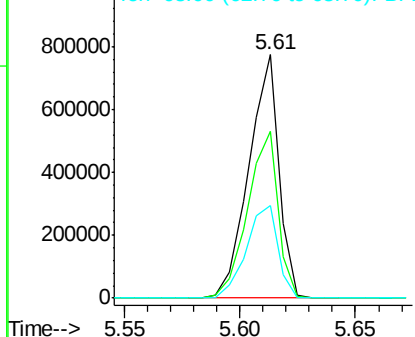
#5

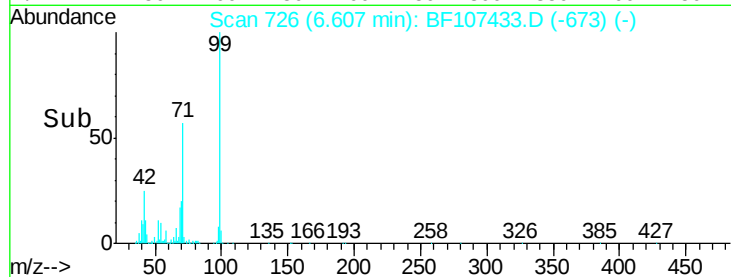
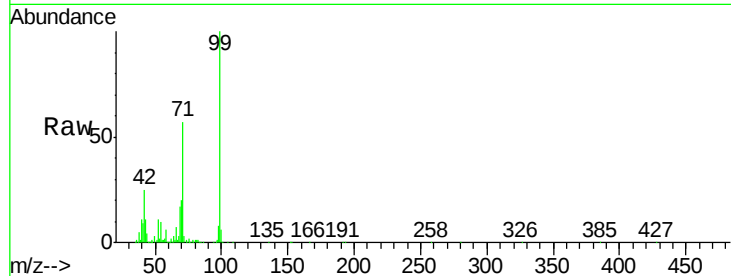
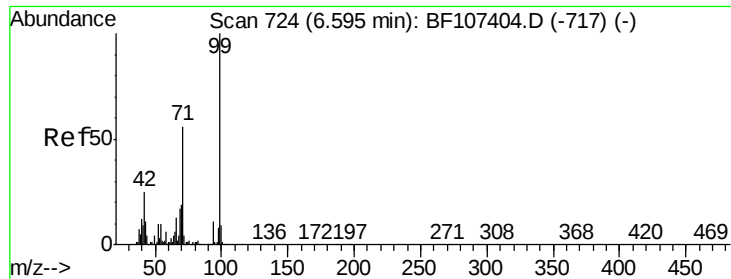
2-Fluorophenol
Concen: 33.708 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.02 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.8	47.9	71.9
63	38.2	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: 33.301 ng

RT: 6.61 min Scan# 726

Delta R.T. 0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

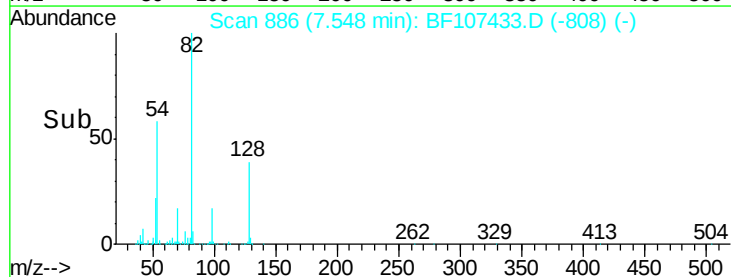
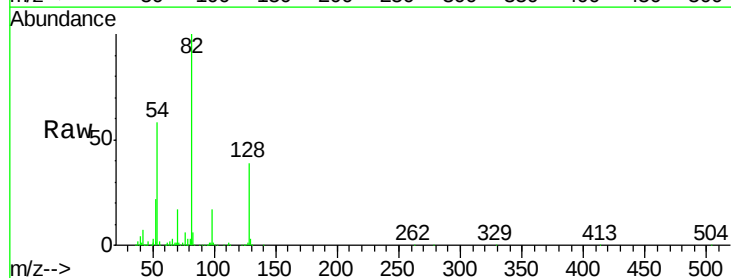
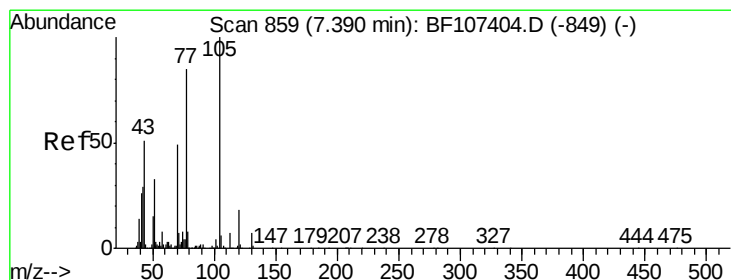
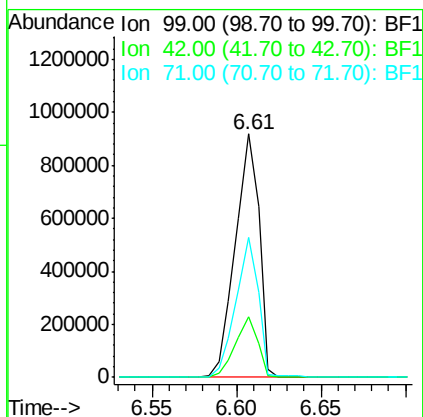
Tgt Ion: 99 Resp: 901396

Ion Ratio Lower Upper

99 100

42 24.8 14.5 21.7#

71 57.5 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 4.915 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.16 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Tgt Ion: 70 Resp: 95249

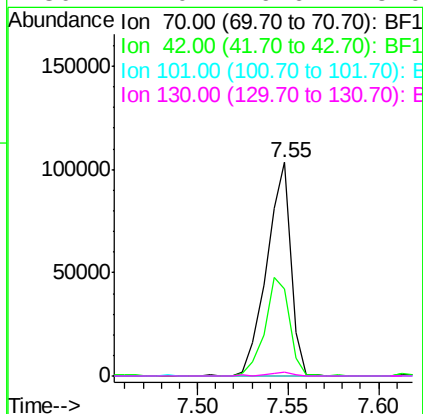
Ion Ratio Lower Upper

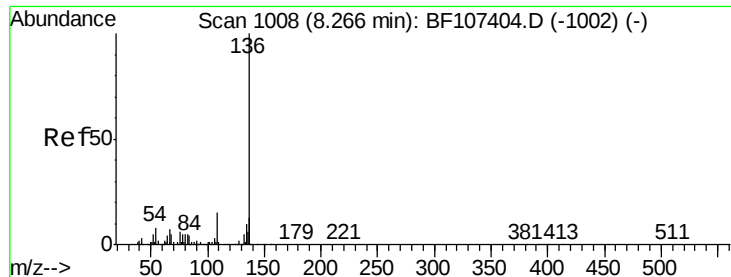
70 100

42 40.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.27 min Scan# 1008

Delta R.T. -0.00 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

Tgt Ion:136 Resp: 428331

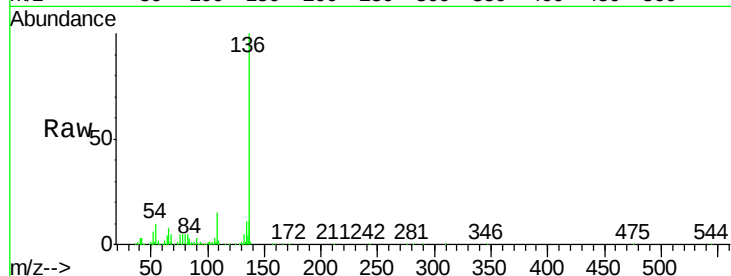
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 9.7 6.6 9.8

68 5.3 5.0 7.4

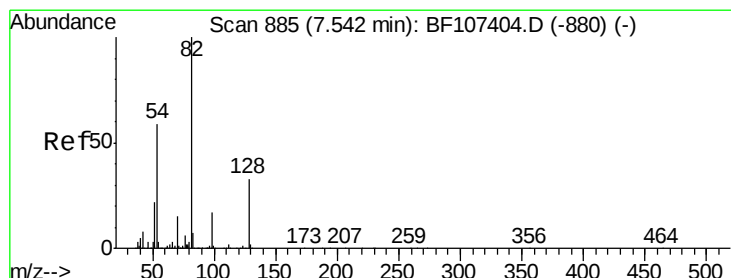
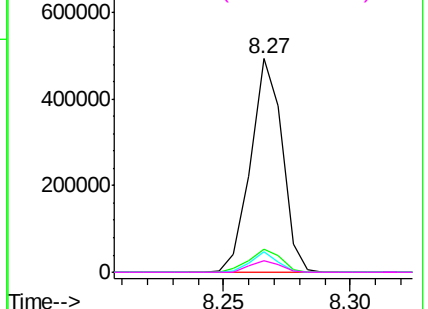
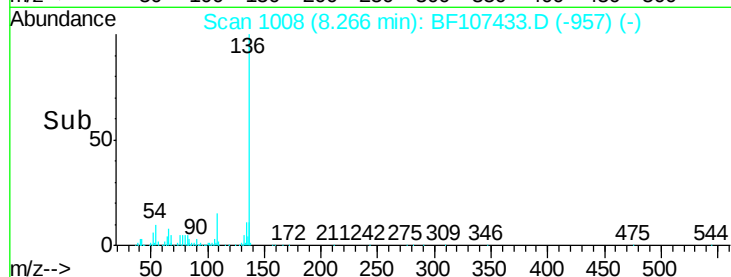


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.796 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

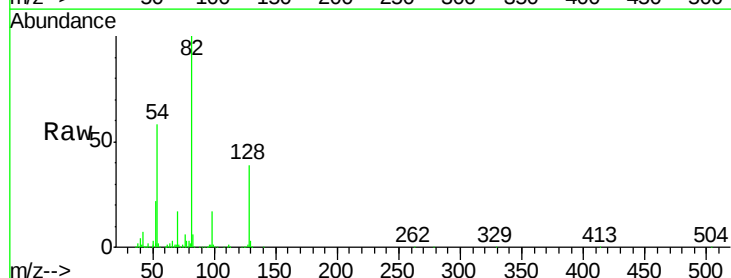
Tgt Ion: 82 Resp: 584737

Ion Ratio Lower Upper

82 100

128 38.9 36.1 54.1

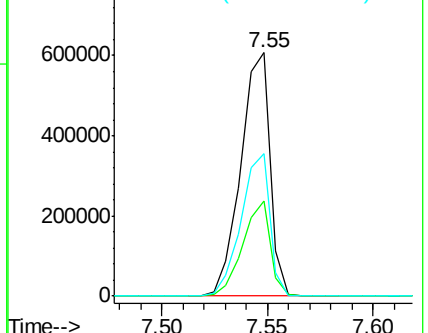
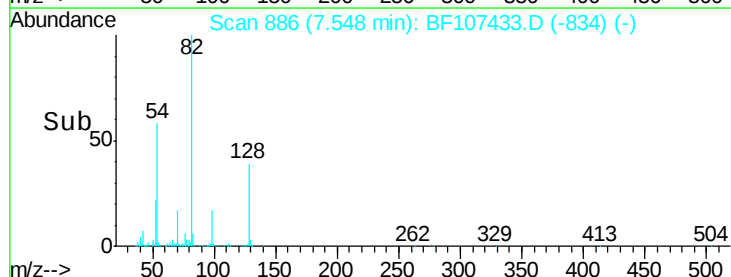
54 58.4 41.4 62.2

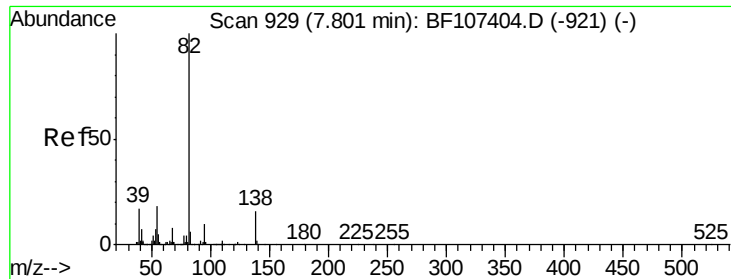


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 36.725 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Instrument :

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ClientSampleId :

A-1(0-6)

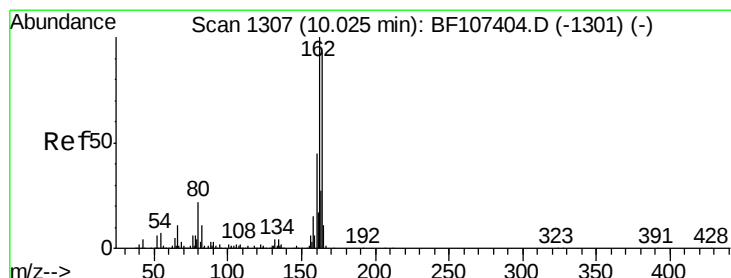
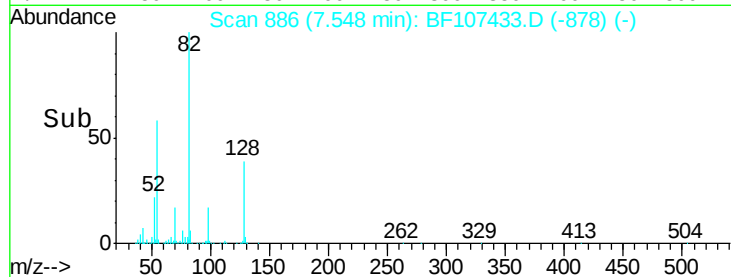
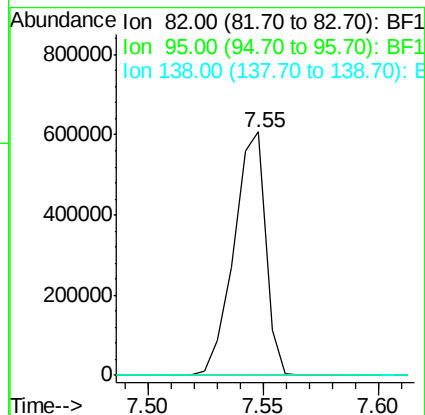
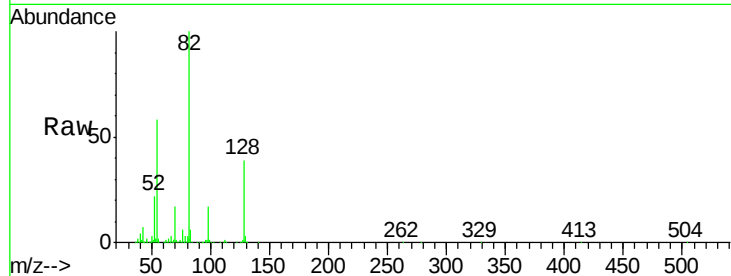
Tgt Ion: 82 Resp: 584724

Ion Ratio Lower Upper

82 100

95 0.2 5.2 7.8#

138 0.0 14.9 22.3#



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.03 min Scan# 1308

Delta R.T. 0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

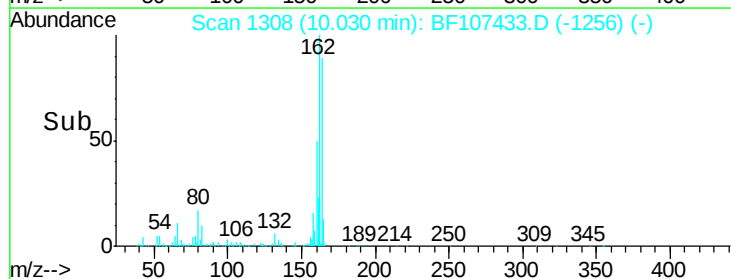
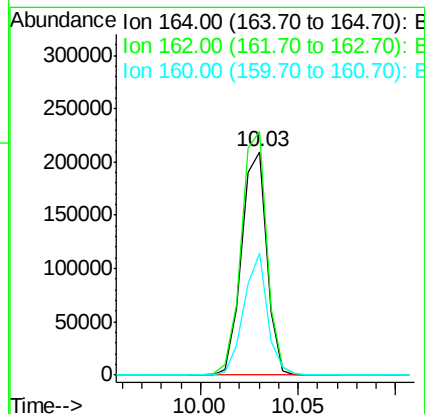
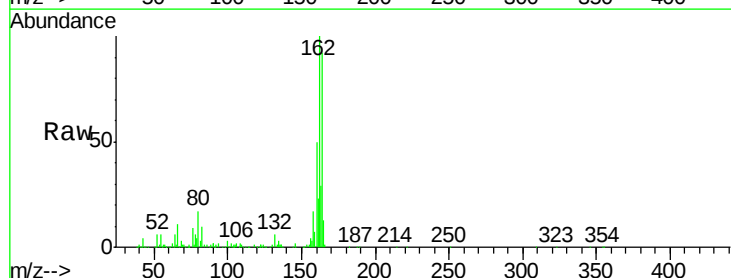
Tgt Ion: 164 Resp: 188530

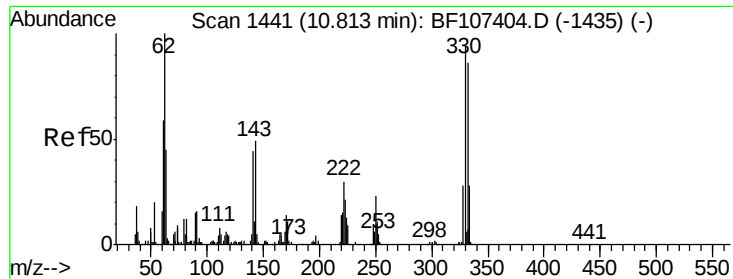
Ion Ratio Lower Upper

164 100

162 108.9 86.1 129.1

160 54.6 38.3 57.5





#41

2,4,6-Tribromophenol

Concen: 95.745 ng

RT: 10.82 min Scan# 1442

Delta R.T. 0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Instrument :

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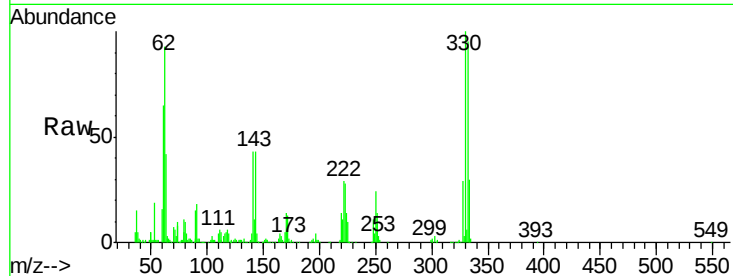
Tgt Ion:330 Resp: 158597

Ion Ratio Lower Upper

330 100

332 96.7 77.0 115.6

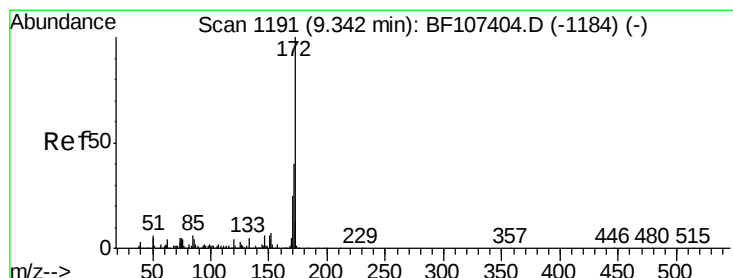
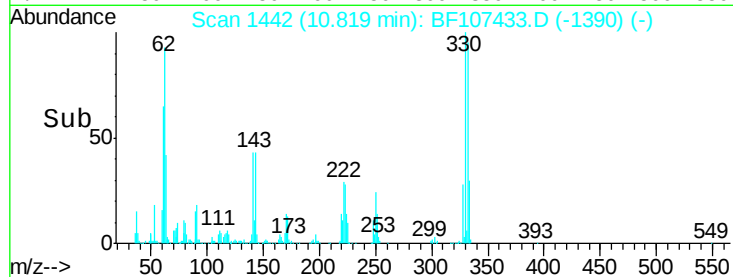
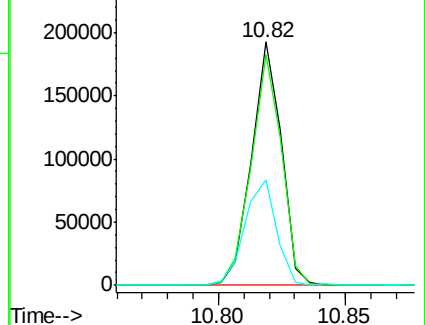
141 46.4 29.9 44.9#



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: 71.218 ng

RT: 9.34 min Scan# 1191

Delta R.T. 0.00 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

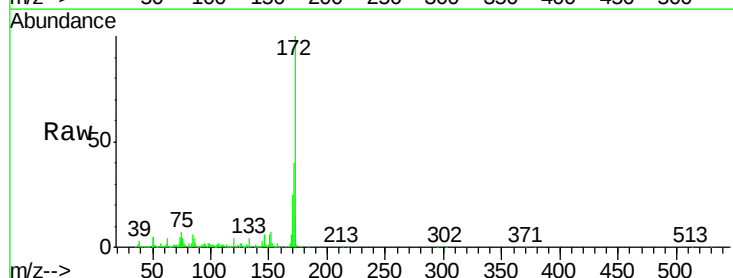
Tgt Ion:172 Resp: 825147

Ion Ratio Lower Upper

172 100

171 40.4 29.7 44.5

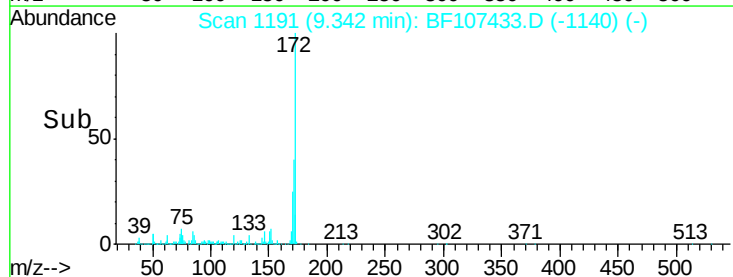
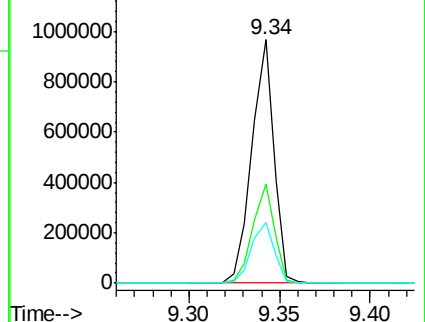
170 25.0 19.6 29.4

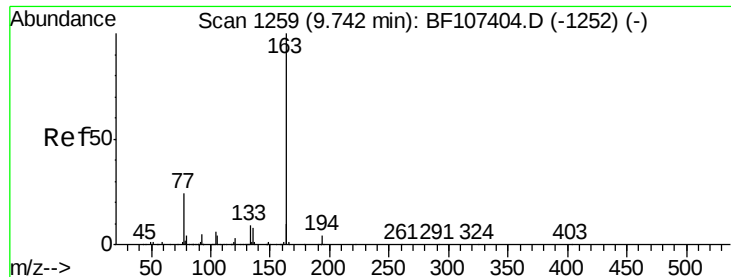


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.276 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Instrument :

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ClientSampleId :

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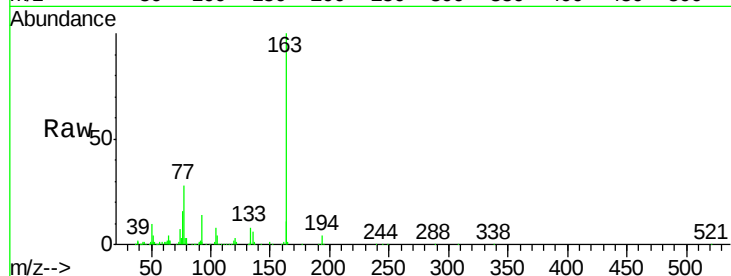
Tgt Ion:163 Resp: 153934

Ion Ratio Lower Upper

163 100

194 4.2 2.7 4.1#

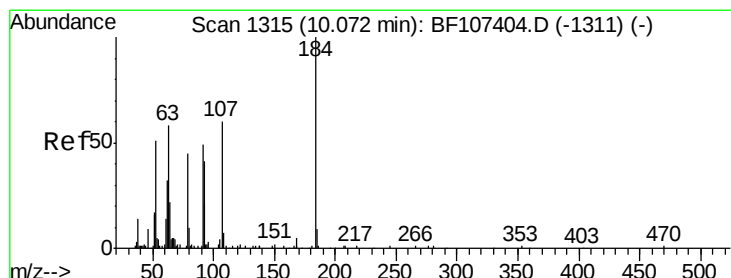
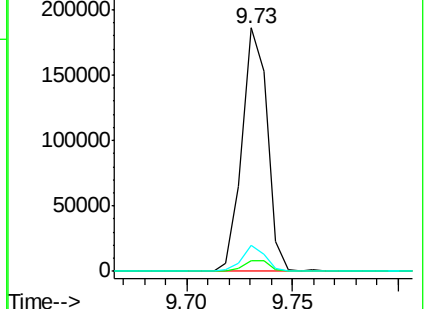
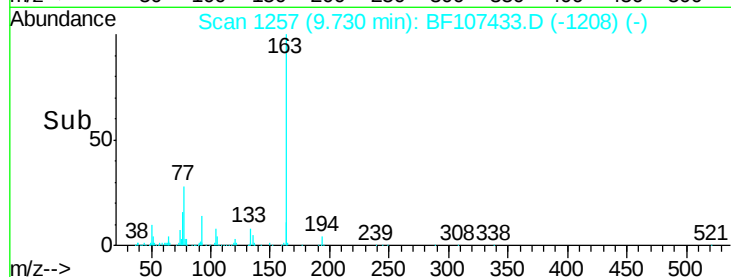
164 10.5 8.2 12.2



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: 2.470 ng

RT: 9.90 min Scan# 1285

Delta R.T. -0.18 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

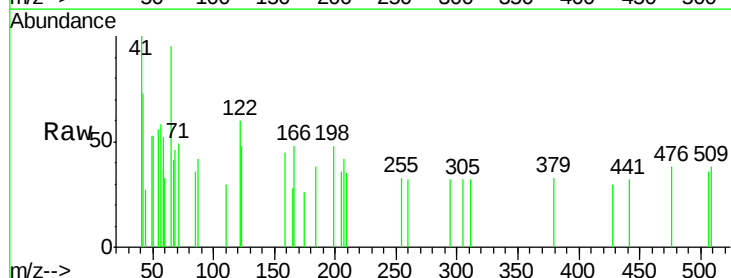
Tgt Ion:184 Resp: 153

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

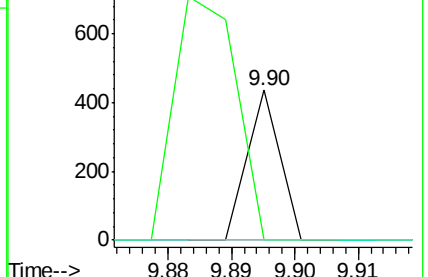
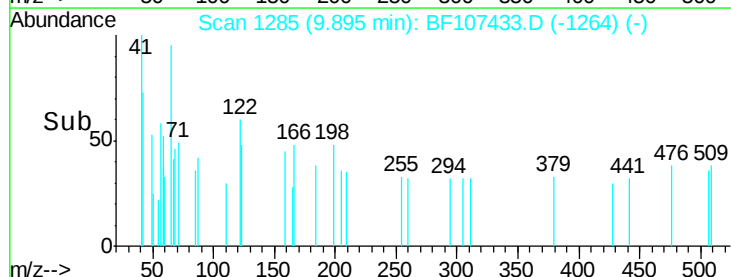
154 0.0 184.0 276.0#

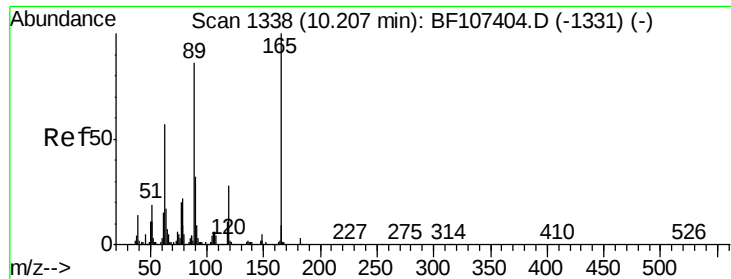


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

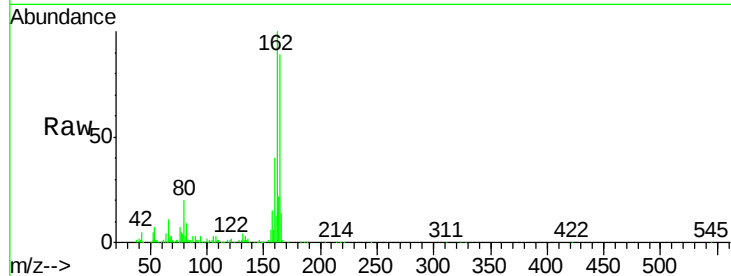




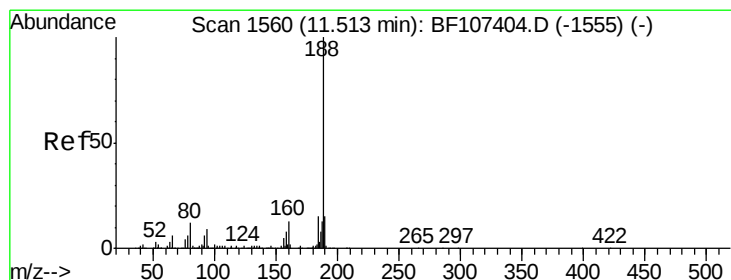
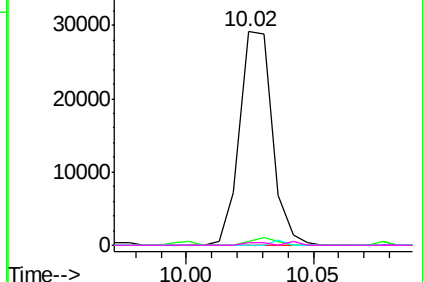
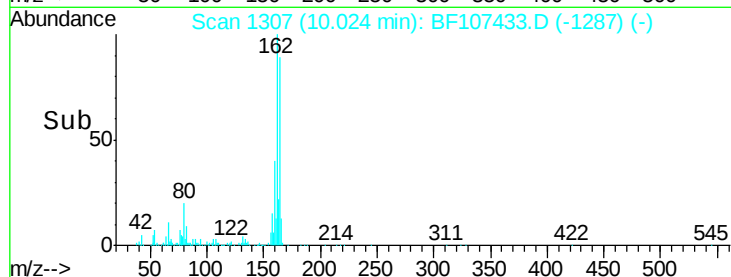
#56
 2,4-Dinitrotoluene
 Concen: 7.026 ng
 RT: 10.02 min Scan# 1307
 Delta R.T. -0.18 min
 Lab File: BF107433.D
 Acq: 17 Jul 2018 5:13

Instrument :
 BNA_F
 ClientSampleId :
 A-1(0-6)

Tgt Ion:165 Resp: 26177
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 0.0 57.8 86.6#
 182 1.2 1.6 2.4#

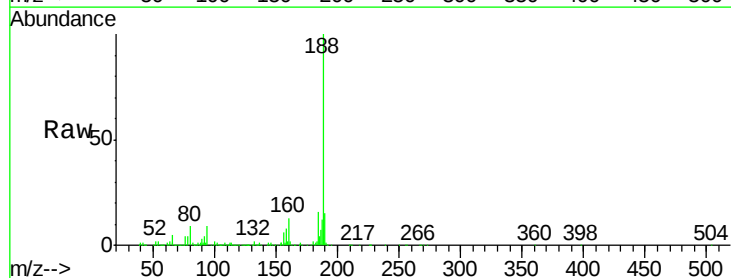


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

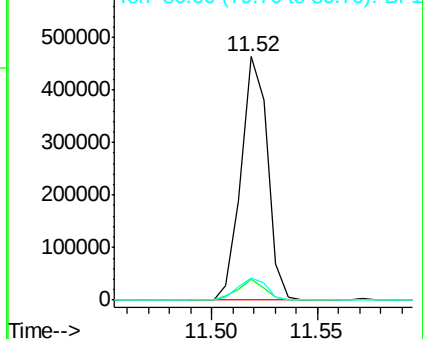
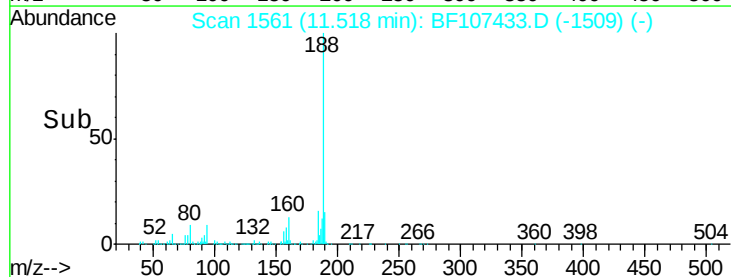


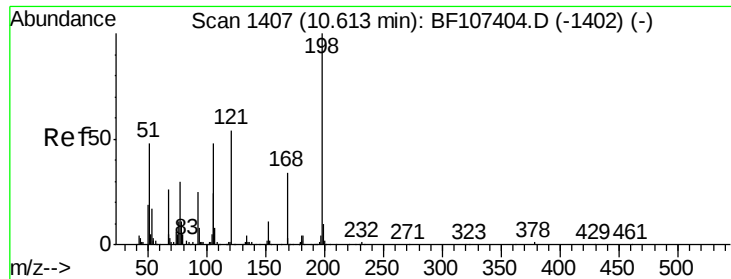
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. 0.01 min
 Lab File: BF107433.D
 Acq: 17 Jul 2018 5:13

Tgt Ion:188 Resp: 401243
 Ion Ratio Lower Upper
 188 100
 94 8.7 8.5 12.7
 80 9.2 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

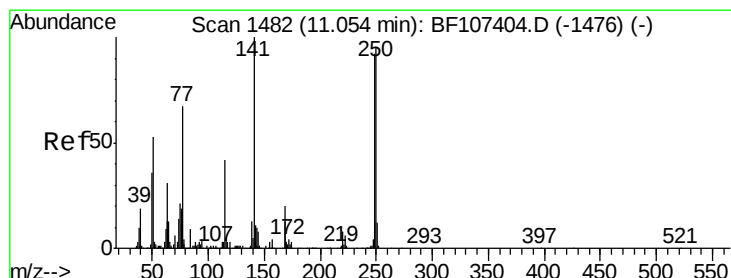
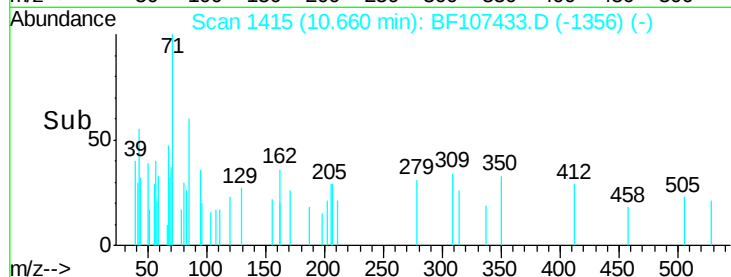
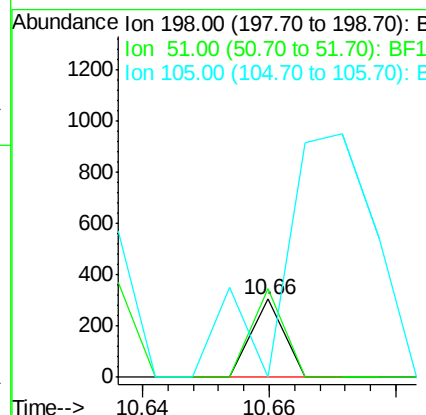
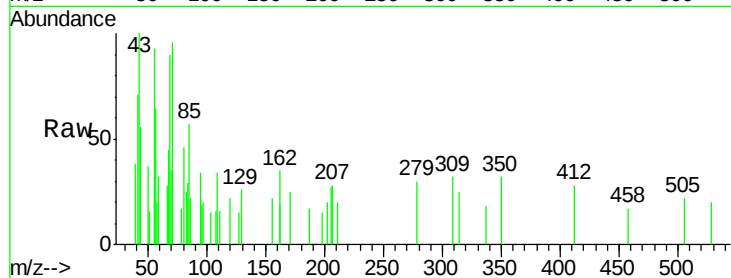




#64
4,6-Dinitro-2-methylphenol
Concen: 7.531 ng
RT: 10.66 min Scan# 1415
Delta R.T. 0.05 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

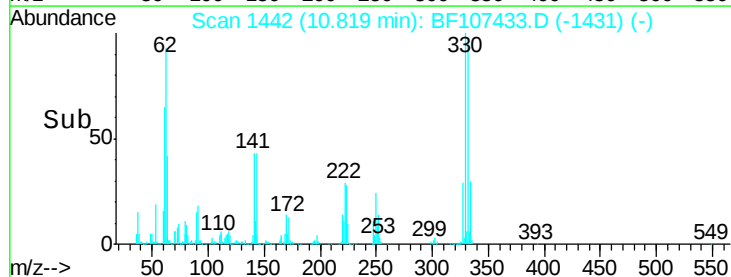
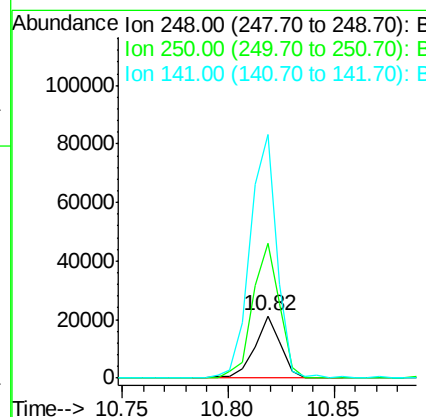
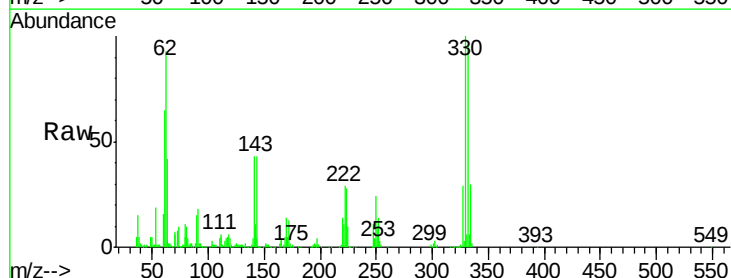
Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

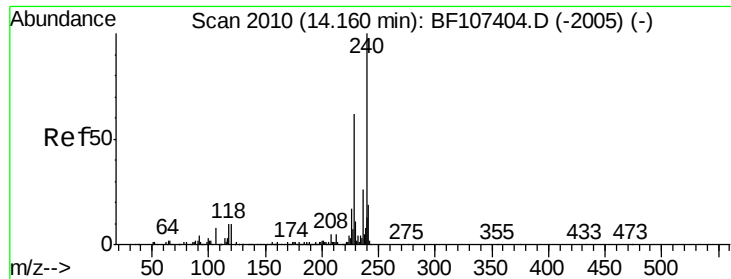
Tgt Ion:198 Resp: 107
Ion Ratio Lower Upper
198 100
51 113.5 37.7 77.7#
105 0.0 36.3 76.3#



#66
4-Bromophenyl-phenylether
Concen: 3.996 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Tgt Ion:248 Resp: 18345
Ion Ratio Lower Upper
248 100
250 216.6 76.9 115.3#
141 391.3 74.4 111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.17 min Scan# 2012

Delta R.T. 0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

Instrument :

BNA_F

ClientSampleId :

A-1(0-6)

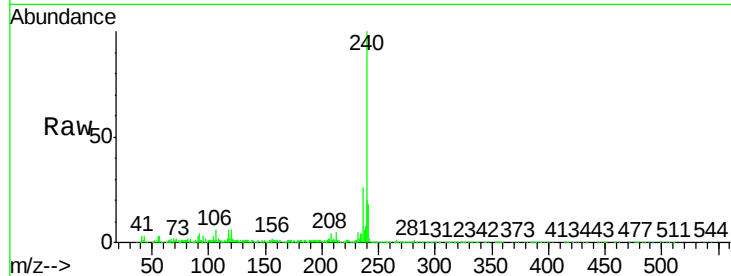
Tgt Ion:240 Resp: 373251

Ion Ratio Lower Upper

240 100

120 6.5 9.5 14.3#

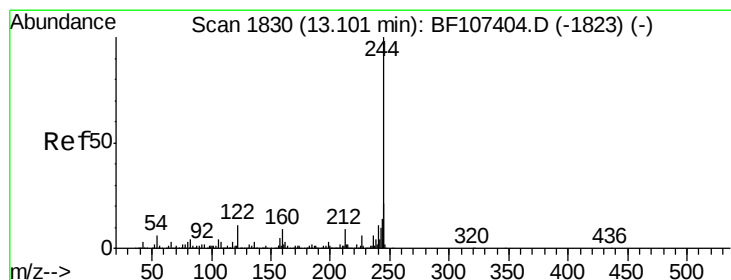
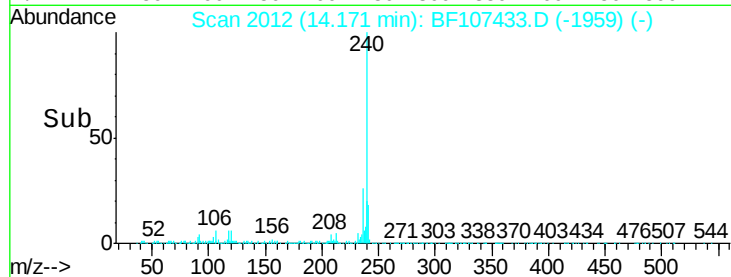
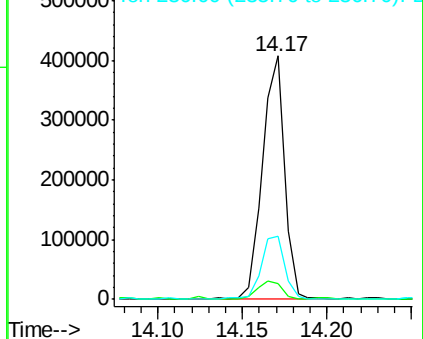
236 25.8 20.7 31.1



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: 61.528 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.01 min

Lab File: BF107433.D

Acq: 17 Jul 2018 5:13

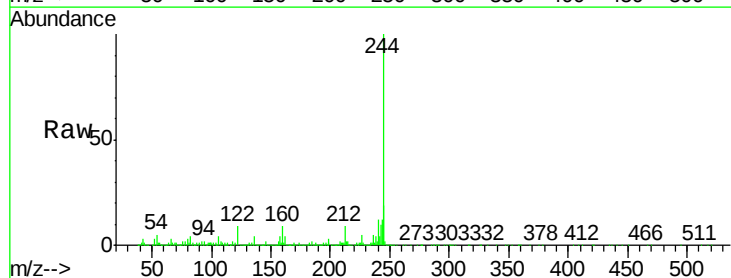
Tgt Ion:244 Resp: 924313

Ion Ratio Lower Upper

244 100

212 8.5 5.4 8.0#

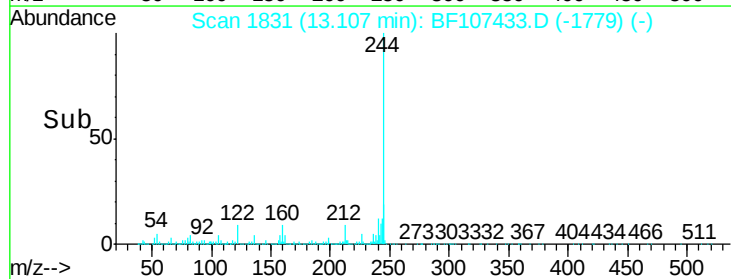
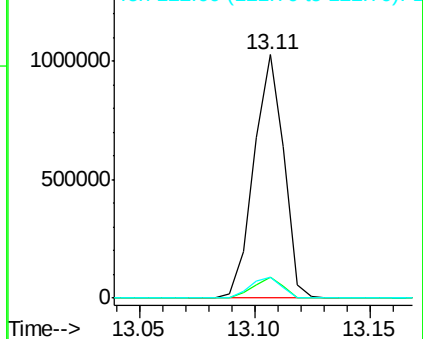
122 8.7 11.0 16.4#

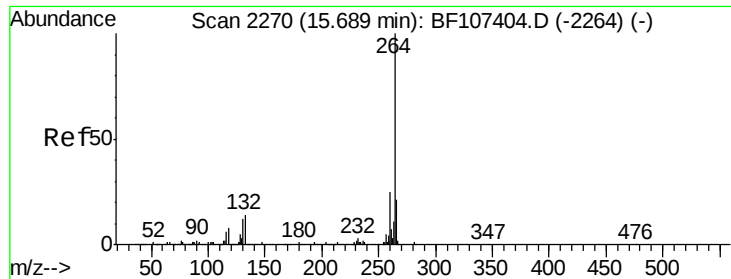


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

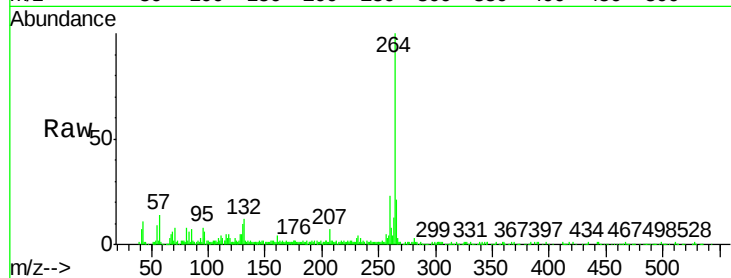




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.71 min Scan# 2273
Delta R.T. 0.02 min
Lab File: BF107433.D
Acq: 17 Jul 2018 5:13

Instrument :
BNA_F
ClientSampleId :
A-1(0-6)

Tgt Ion:	264	Resp:	229765
Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.2	28.8
265	21.3	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

