

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF071718\
 Data File : BF107457.D
 Acq On : 17 Jul 2018 18:47
 Operator : JU/SJ
 Sample : J4013-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-I-S

Quant Time: Jul 18 01:20:33 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	105959	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	394617	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	206273	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	416709	20.00	ng	0.00
75) Chrysene-d12	14.17	240	387463	20.00	ng	0.00
86) Perylene-d12	15.71	264	233814	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	557424	79.90	ng	0.00
7) Phenol-d6	6.61	99	731053	81.05	ng	0.00
23) Nitrobenzene-d5	7.55	82	511915	69.17	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	155907	86.02	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	845432	65.90	ng	0.00
78) Terphenyl-d14	13.11	244	954892	61.23	ng	0.00

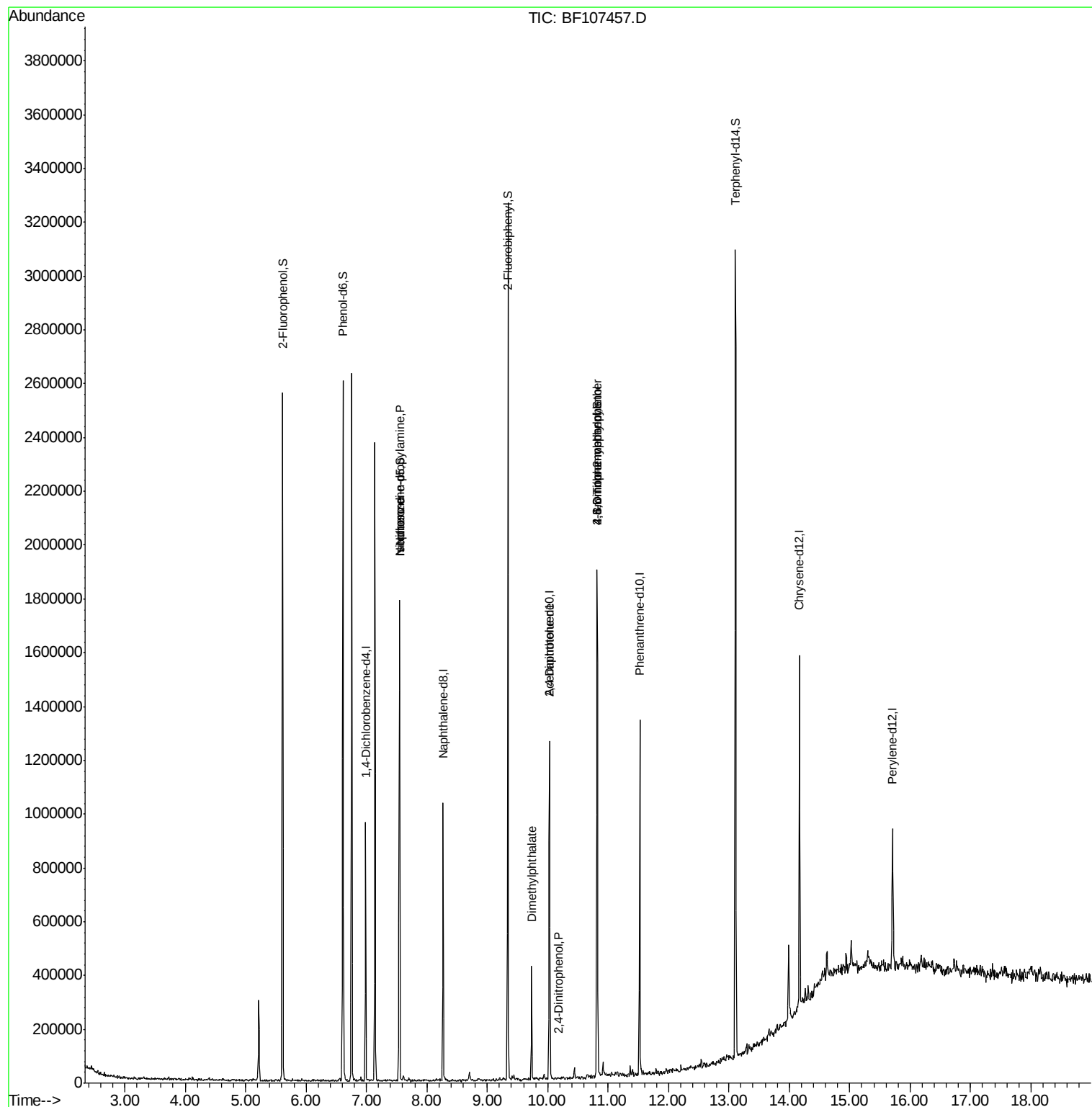
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.55	70	81295	12.587	ng	# 73
25) Isophorone	7.55	82	511906	34.899	ng	# 64
49) Dimethylphthalate	9.73	163	136599	8.335	ng	# 98
53) 2,4-Dinitrophenol	10.18	184	121	2.408	ng	# 1
56) 2,4-Dinitrotoluene	10.03	165	25742	6.315	ng	# 27
64) 4,6-Dinitro-2-methylphenol	10.81	198	508	7.681	ng	# 53
66) 4-Bromophenyl-phenylether	10.82	248	19426	4.075	ng	# 1

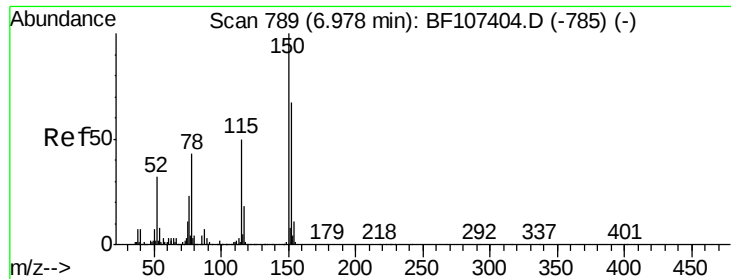
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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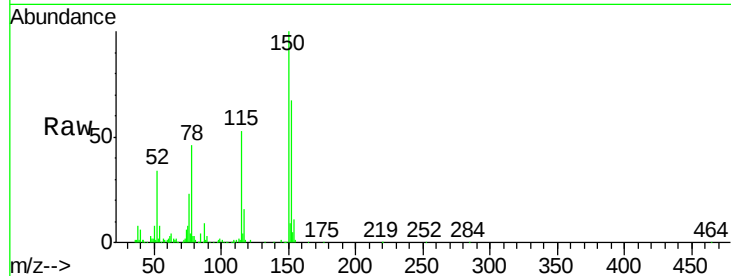


#1

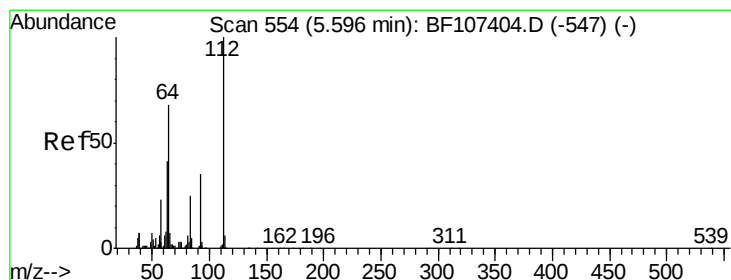
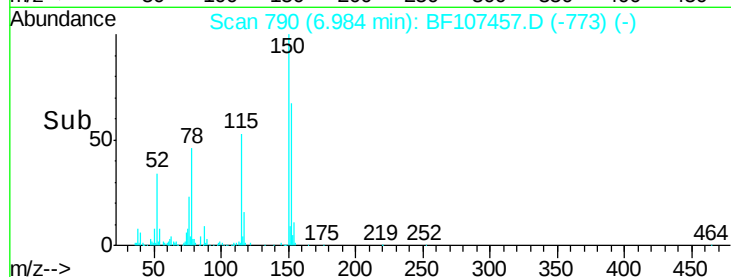
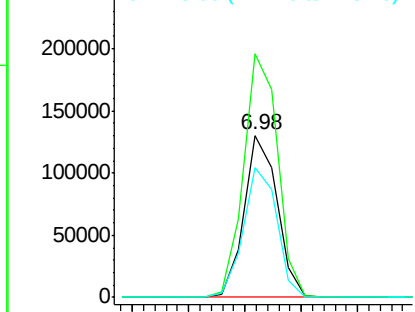
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.98 min Scan# 790
Delta R.T. 0.00 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:152 Resp: 105959
Ion Ratio Lower Upper
152 100
150 150.1 124.6 186.8
115 79.7 50.1 75.1#



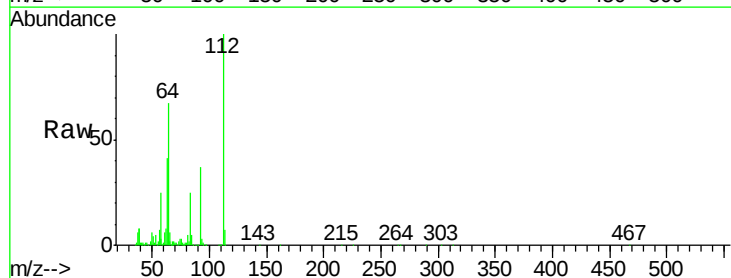
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



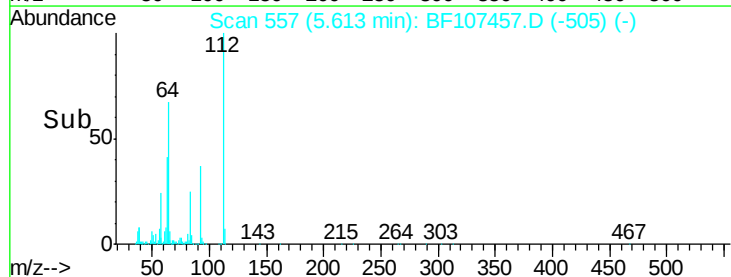
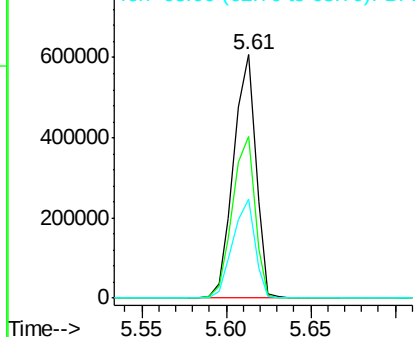
#5

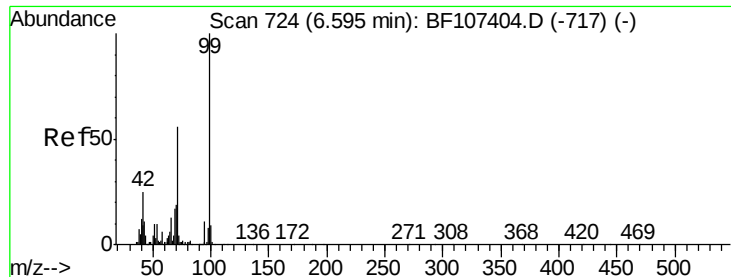
2-Fluorophenol
Concen: 79.897 ng
RT: 5.61 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:112 Resp: 557424
Ion Ratio Lower Upper
112 100
64 66.5 47.9 71.9
63 40.9 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: 81.047 ng

RT: 6.61 min Scan# 727

Delta R.T. 0.01 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

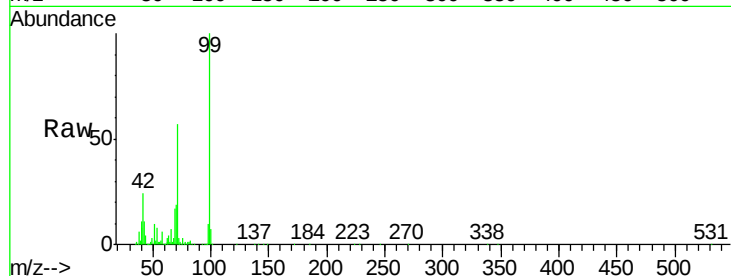
Tgt Ion: 99 Resp: 731053

Ion Ratio Lower Upper

99 100

42 23.5 14.5 21.7#

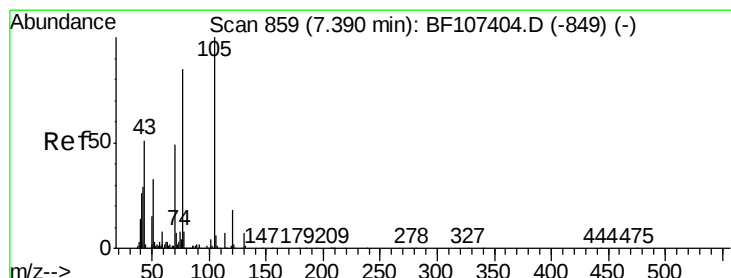
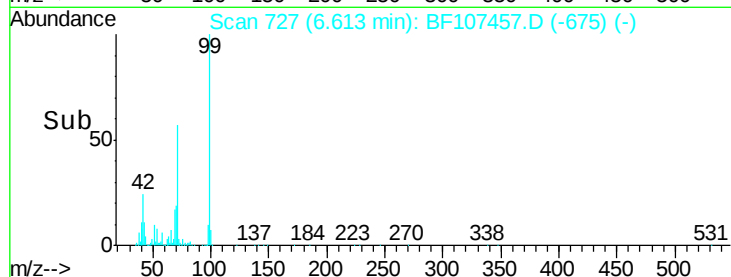
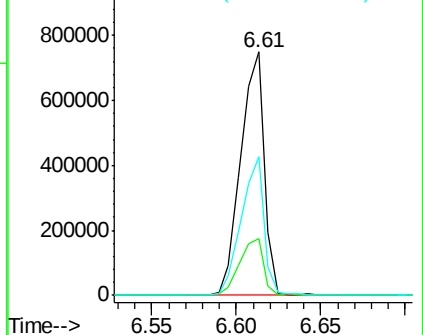
71 56.7 25.4 38.0#



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: 12.587 ng

RT: 7.55 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Tgt Ion: 70 Resp: 81295

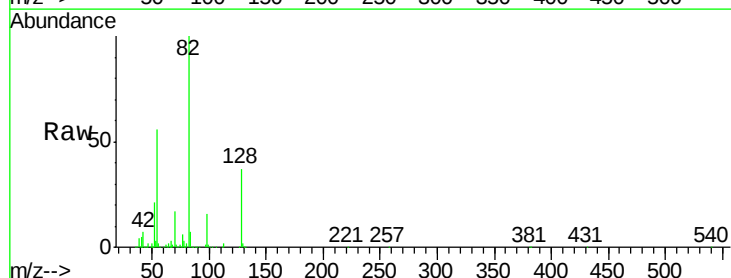
Ion Ratio Lower Upper

70 100

42 43.3 47.5 71.3#

101 0.0 7.4 11.2#

130 0.5 16.6 25.0#

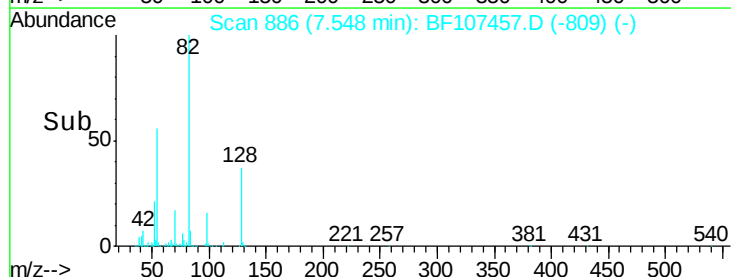
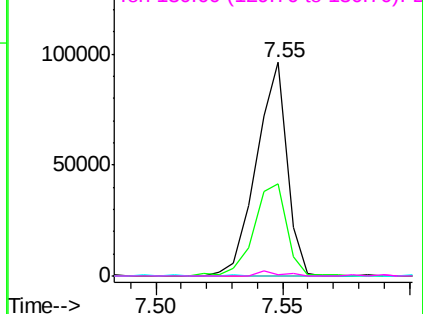


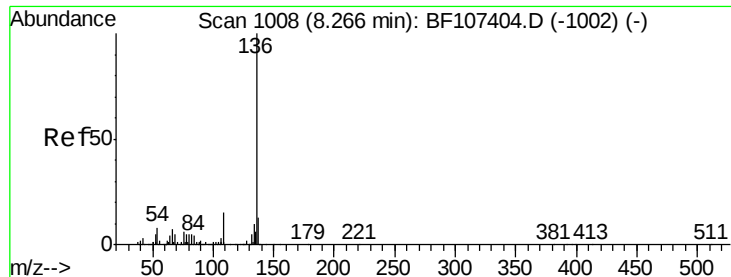
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

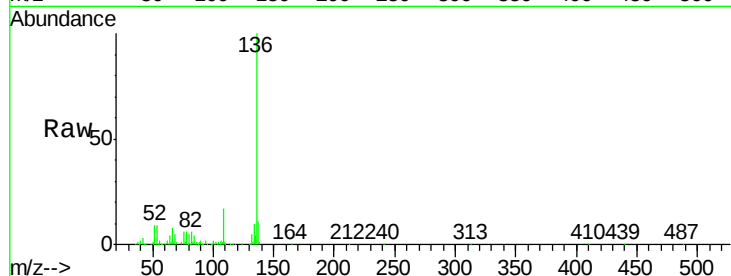




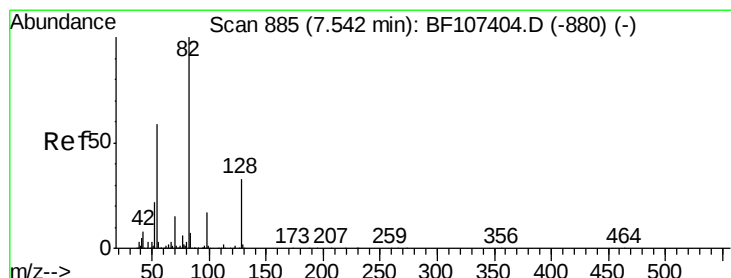
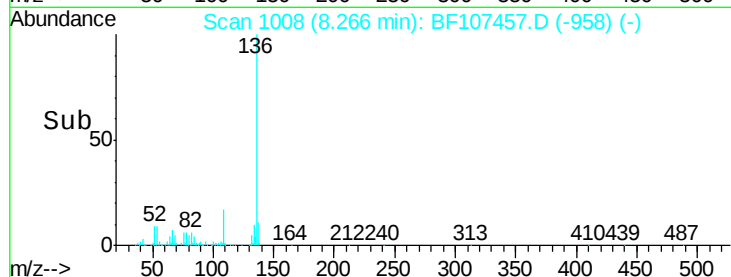
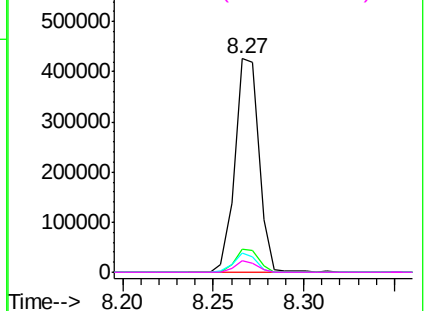
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.27 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Instrument :
BNA_F
ClientSampleId :
TP-I-S

Tgt Ion:	136	Resp:	394617
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	9.2	6.6	9.8
68	5.4	5.0	7.4

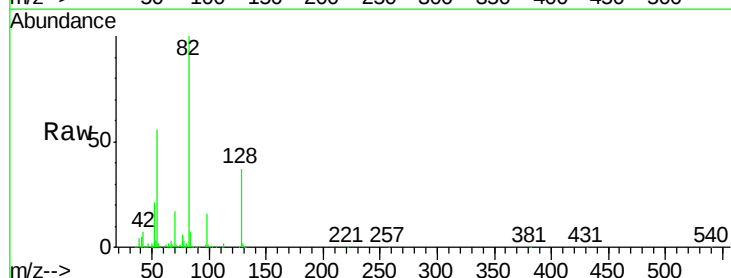


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

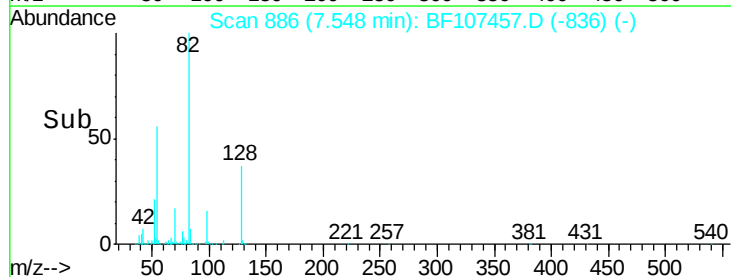
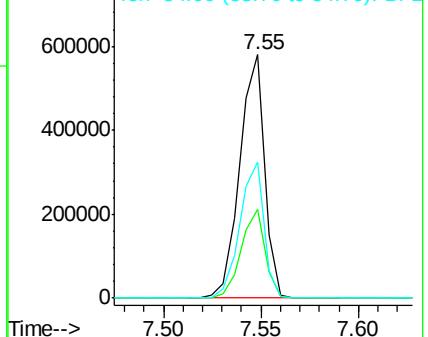


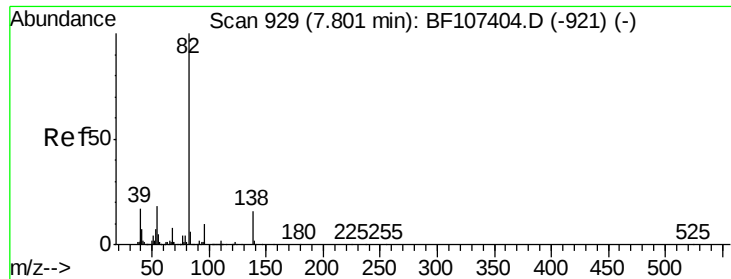
#23
Nitrobenzene-d5
Concen: 69.174 ng
RT: 7.55 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:	82	Resp:	511915
Ion	Ratio	Lower	Upper
82	100		
128	36.7	36.1	54.1
54	56.1	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: 34.899 ng

RT: 7.55 min Scan# 886

Delta R.T. -0.26 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

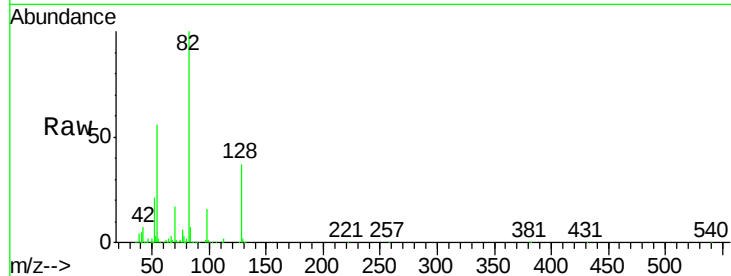
Tgt Ion: 82 Resp: 511906

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

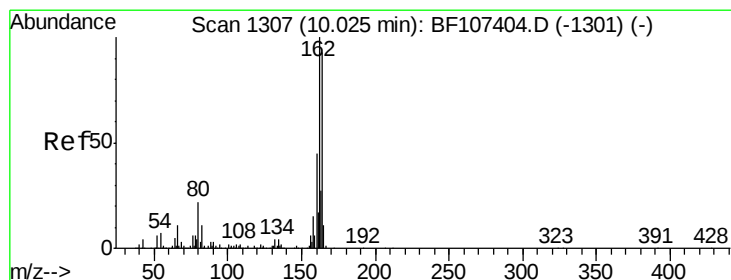
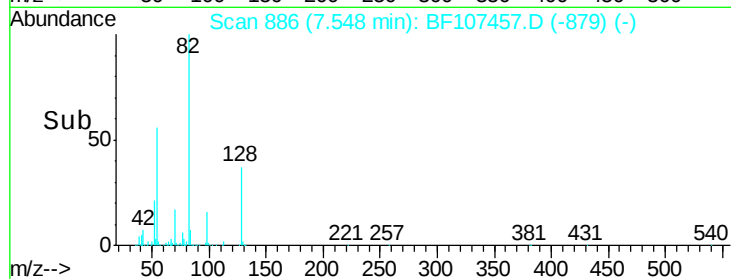
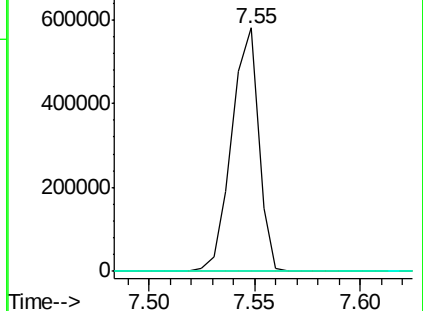
138 0.0 14.9 22.3#



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: BF107457.D

Acq: 17 Jul 2018 18:47

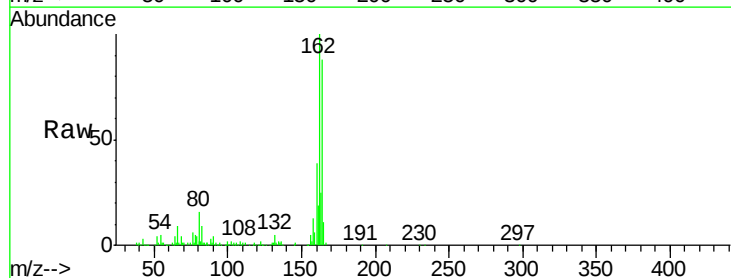
Tgt Ion: 164 Resp: 206273

Ion Ratio Lower Upper

164 100

162 113.0 86.1 129.1

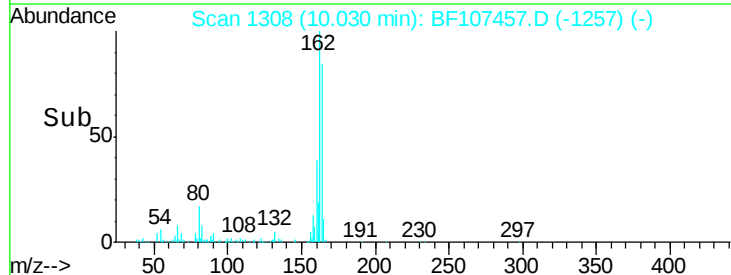
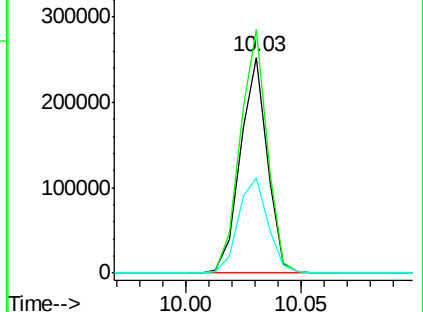
160 44.1 38.3 57.5

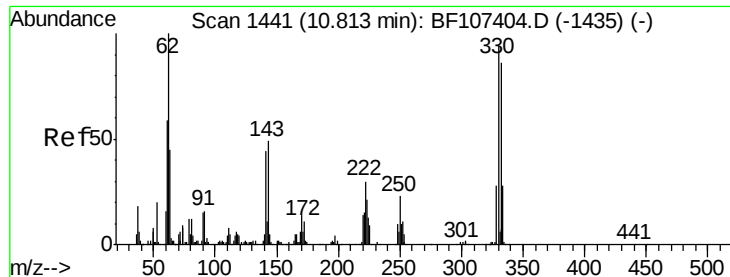


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 86.025 ng

RT: 10.82 min Scan# 1443

Delta R.T. 0.00 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

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ClientSampleId :

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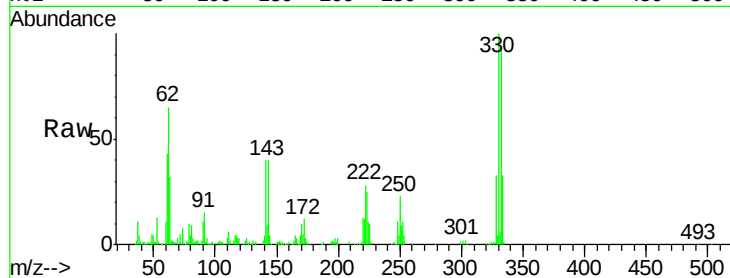
Tgt Ion:330 Resp: 155907

Ion Ratio Lower Upper

330 100

332 94.2 77.0 115.6

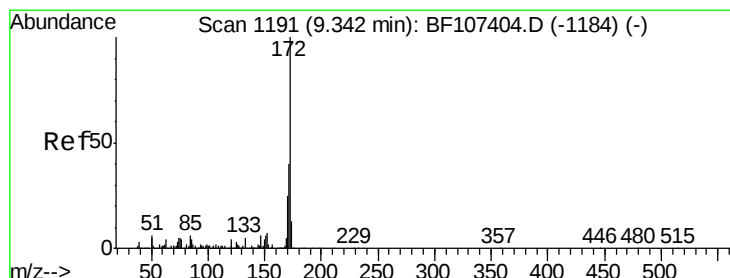
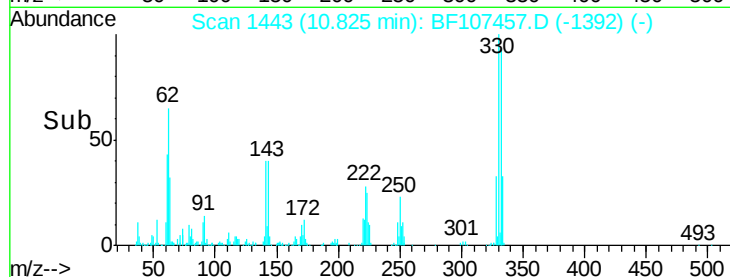
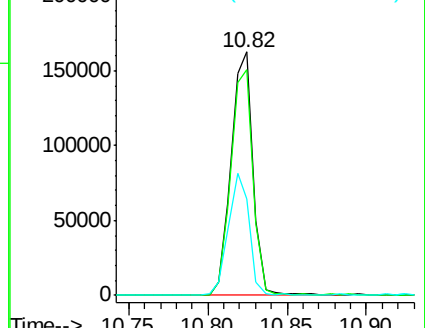
141 47.8 29.9 44.9#



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: 65.902 ng

RT: 9.34 min Scan# 1191

Delta R.T. -0.01 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

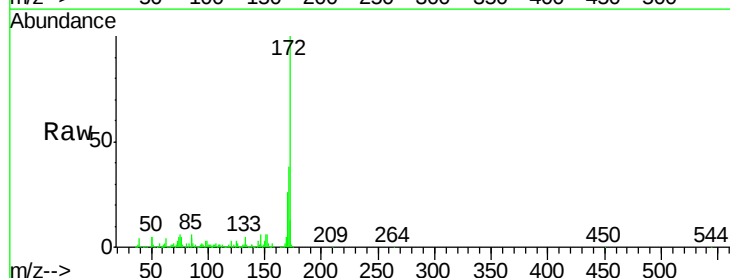
Tgt Ion:172 Resp: 845432

Ion Ratio Lower Upper

172 100

171 37.8 29.7 44.5

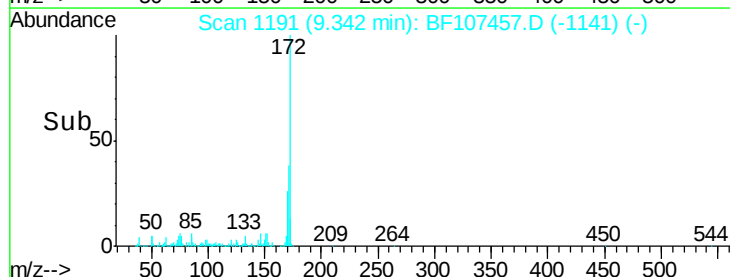
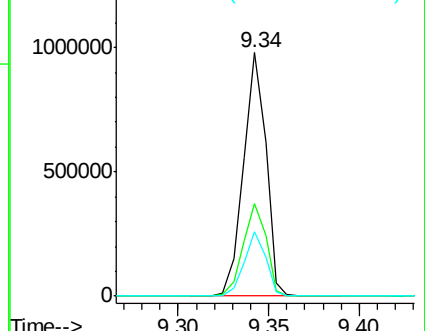
170 26.2 19.6 29.4

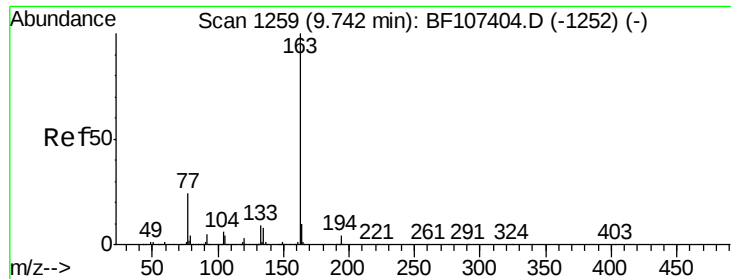


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 8.335 ng

RT: 9.73 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

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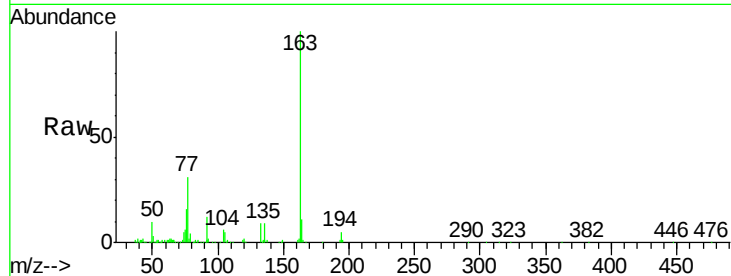
Tgt Ion:163 Resp: 136599

Ion Ratio Lower Upper

163 100

194 4.7 2.7 4.1#

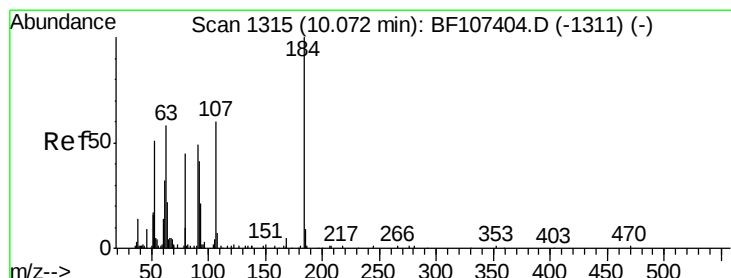
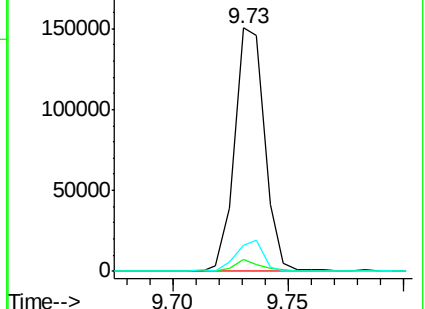
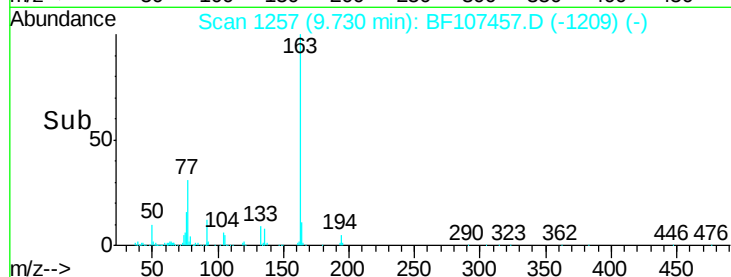
164 10.6 8.2 12.2



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: 2.408 ng

RT: 10.18 min Scan# 1334

Delta R.T. 0.10 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

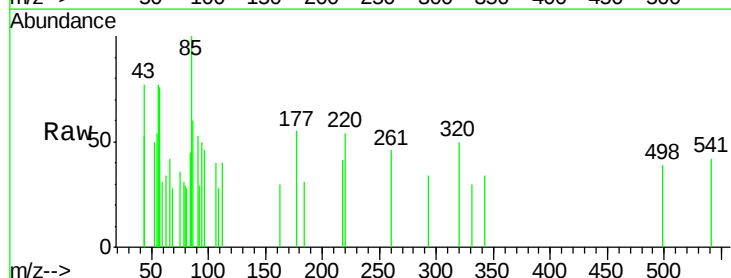
Tgt Ion:184 Resp: 121

Ion Ratio Lower Upper

184 100

63 0.0 54.2 81.2#

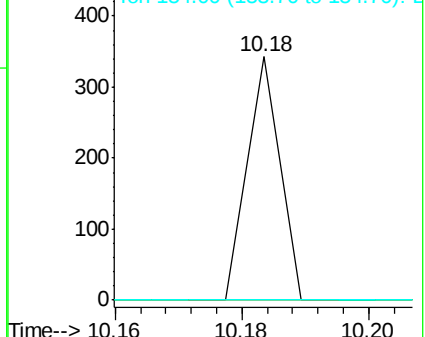
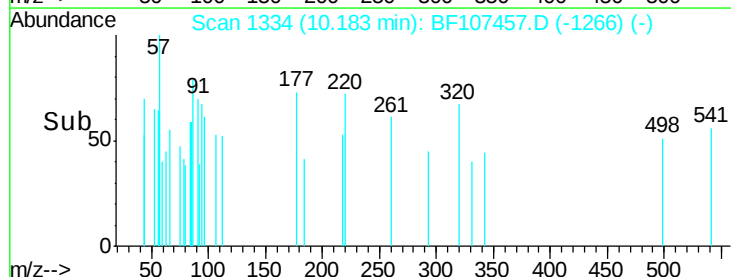
154 0.0 184.0 276.0#

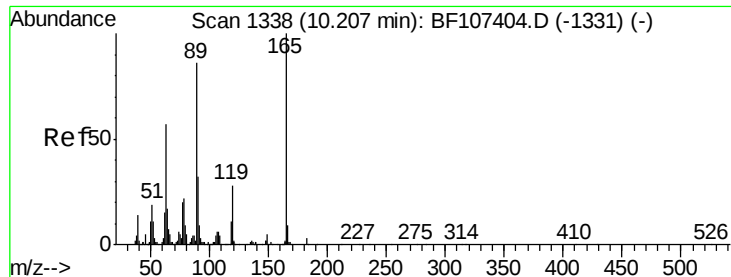


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 6.315 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.18 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

Tgt Ion:165 Resp: 25742

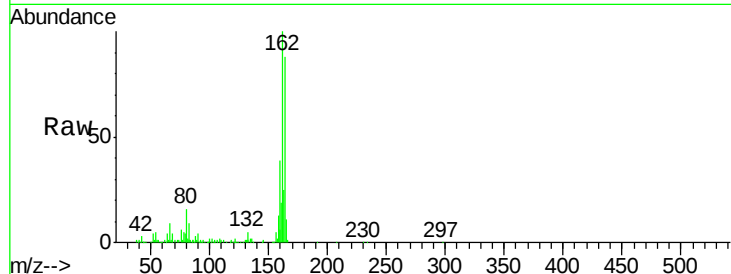
Ion Ratio Lower Upper

165 100

63 1.5 36.4 54.6#

89 6.5 57.8 86.6#

182 0.0 1.6 2.4#

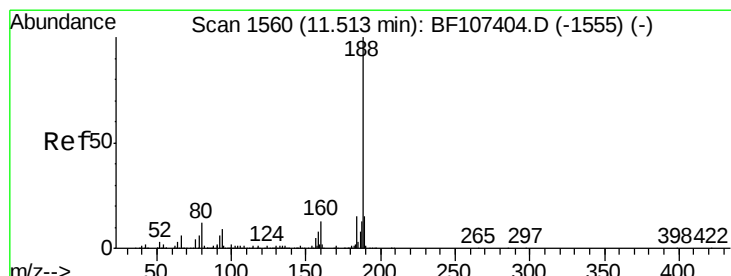
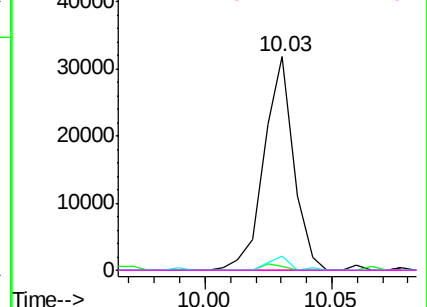
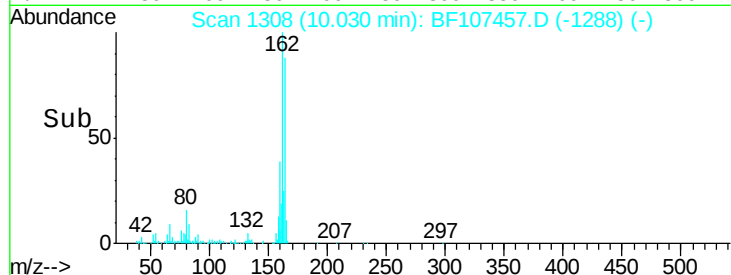


Abundance Ion 165.00 (164.70 to 165.70): E

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: BF107457.D

Acq: 17 Jul 2018 18:47

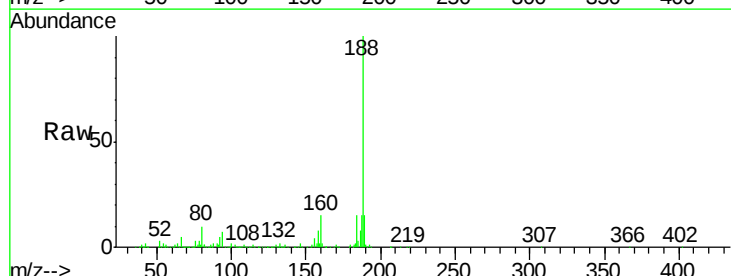
Tgt Ion:188 Resp: 416709

Ion Ratio Lower Upper

188 100

94 6.8 8.5 12.7#

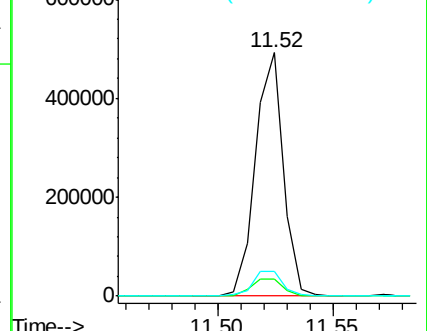
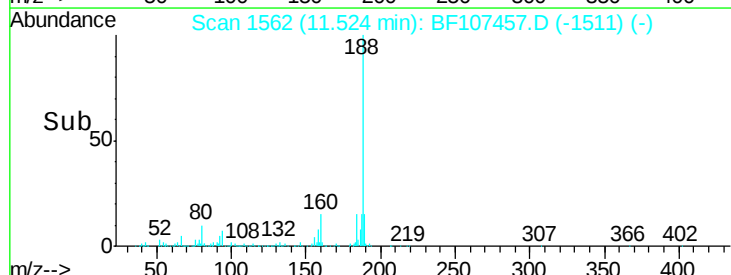
80 10.1 9.2 13.8

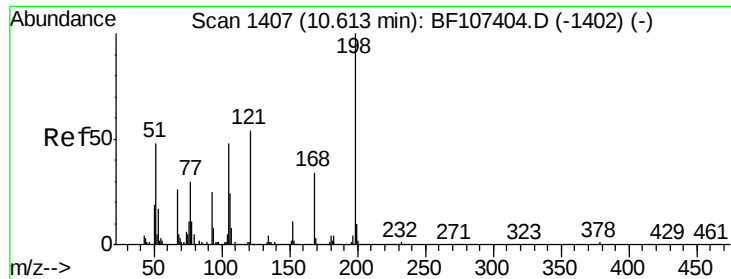


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

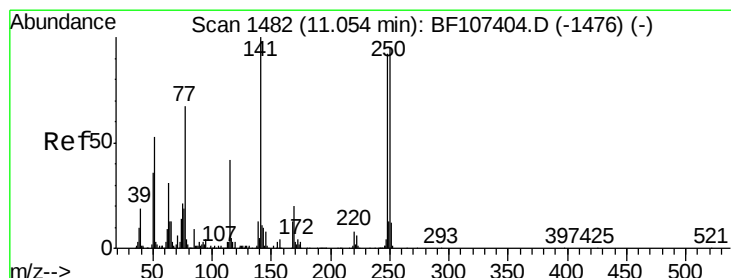
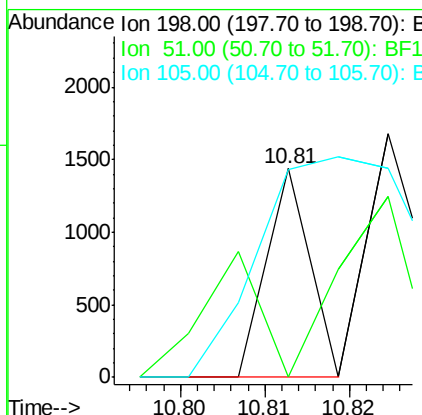
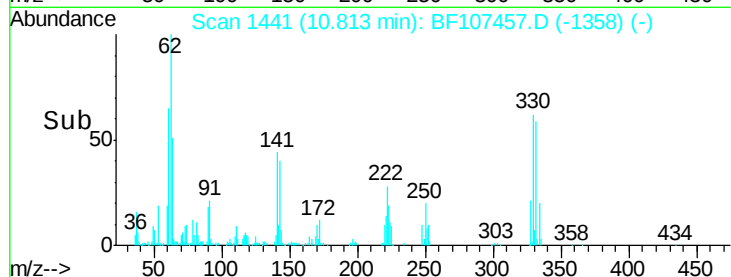
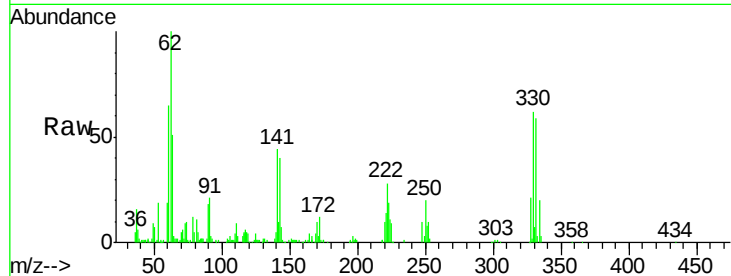




#64
4,6-Dinitro-2-methylphenol
Concen: 7.681 ng
RT: 10.81 min Scan# 1441
Delta R.T. 0.19 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

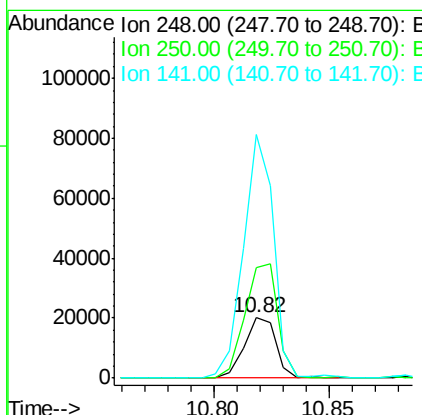
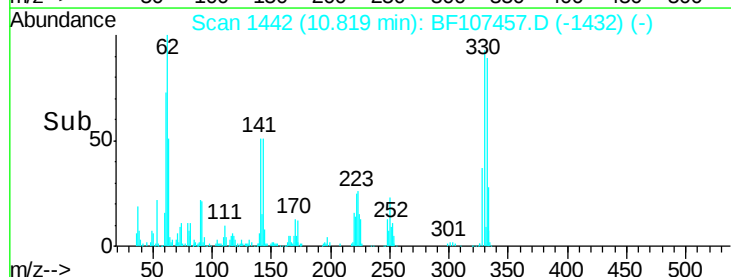
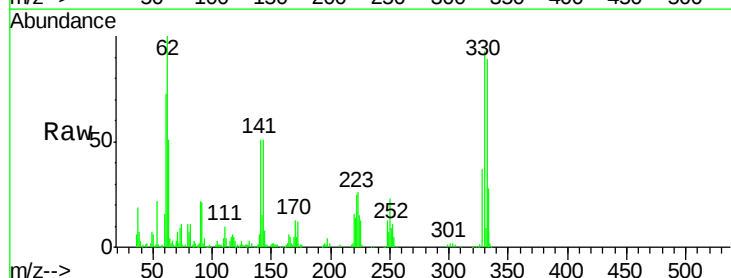
Instrument :
BNA_F
ClientSampleId :
TP-I-S

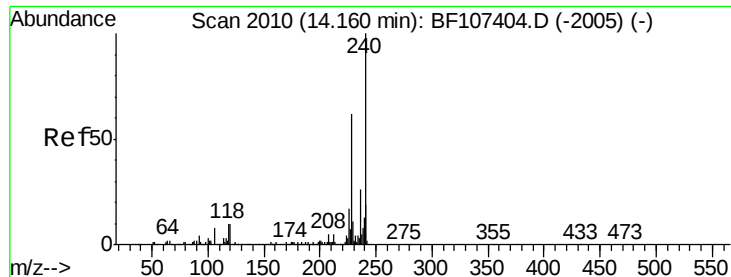
Tgt Ion:198 Resp: 508
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 45.4 36.3 76.3



#66
4-Bromophenyl-phenylether
Concen: 4.075 ng
RT: 10.82 min Scan# 1442
Delta R.T. -0.24 min
Lab File: BF107457.D
Acq: 17 Jul 2018 18:47

Tgt Ion:248 Resp: 19426
Ion Ratio Lower Upper
248 100
250 183.8 76.9 115.3#
141 404.5 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: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

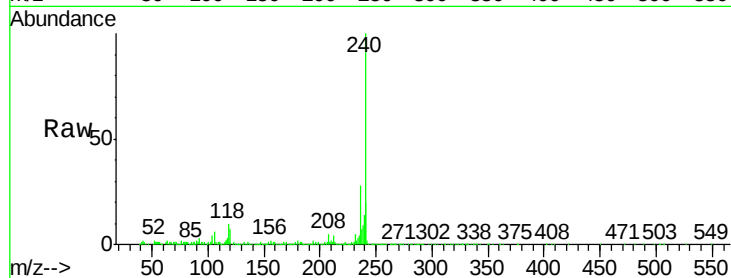
Tgt Ion:240 Resp: 387463

Ion Ratio Lower Upper

240 100

120 7.4 9.5 14.3#

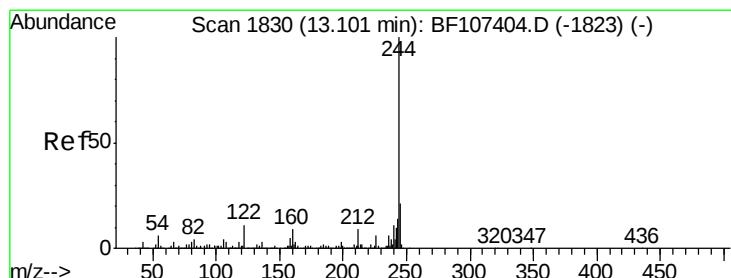
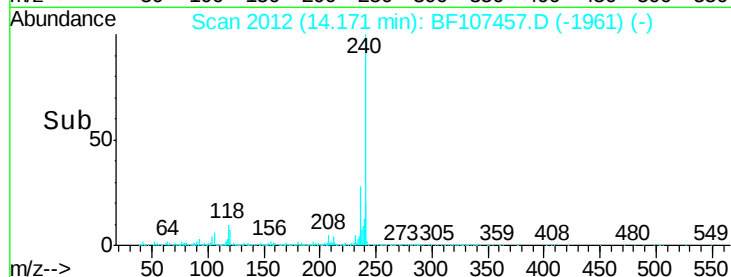
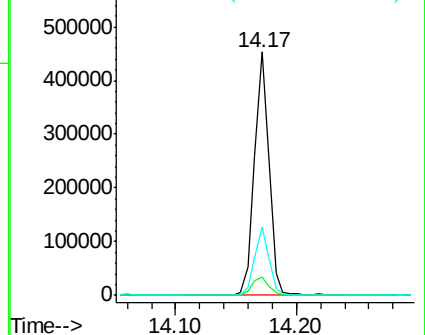
236 27.8 20.7 31.1



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: 61.232 ng

RT: 13.11 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF107457.D

Acq: 17 Jul 2018 18:47

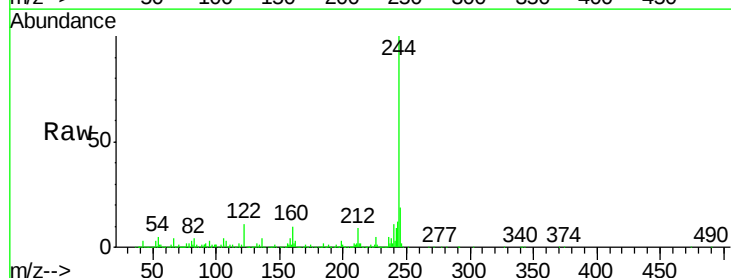
Tgt Ion:244 Resp: 954892

Ion Ratio Lower Upper

244 100

212 9.3 5.4 8.0#

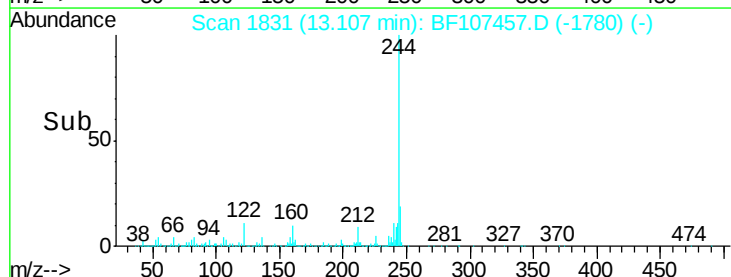
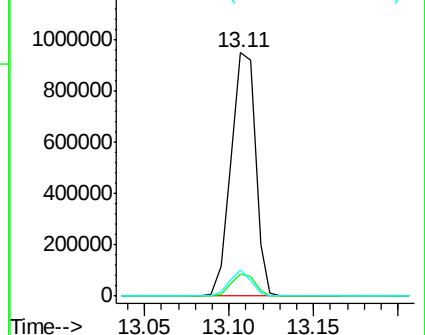
122 10.5 11.0 16.4#

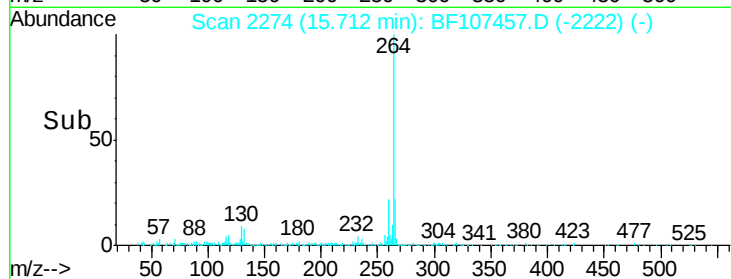
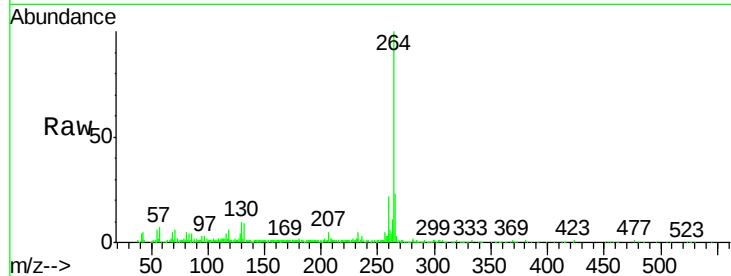
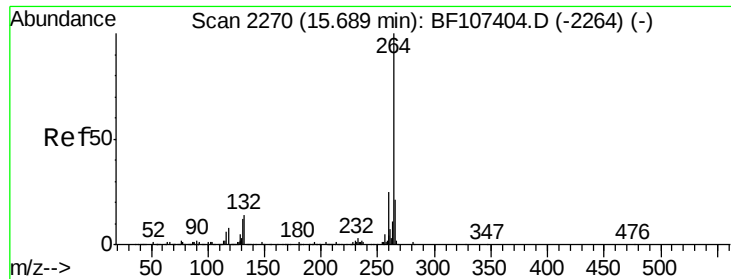


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF107457.D

Acq: 17 Jul 2018 18:47

Instrument :

BNA_F

ClientSampleId :

TP-I-S

Tgt Ion:264 Resp: 233814

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 22.6 17.5 26.3

