

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072718\
 Data File : BF107788.D
 Acq On : 28 Jul 2018 10:56
 Operator : JU/SJ
 Sample : J4199-10
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-25-18

Quant Time: Jul 30 01:36:30 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	158035	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	584830	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	242645	20.00	ng	-0.02
63) Phenanthrene-d10	11.49	188	430905	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	452599	20.00	ng	-0.02
86) Perylene-d12	15.68	264	361977	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	480616	48.90	ng	-0.01
7) Phenol-d6	6.60	99	411576	34.87	ng	-0.01
23) Nitrobenzene-d5	7.53	82	957143	110.45	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	371417	134.61	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1752732	154.91	ng	-0.02
78) Terphenyl-d14	13.08	244	1584645	89.63	ng	-0.02

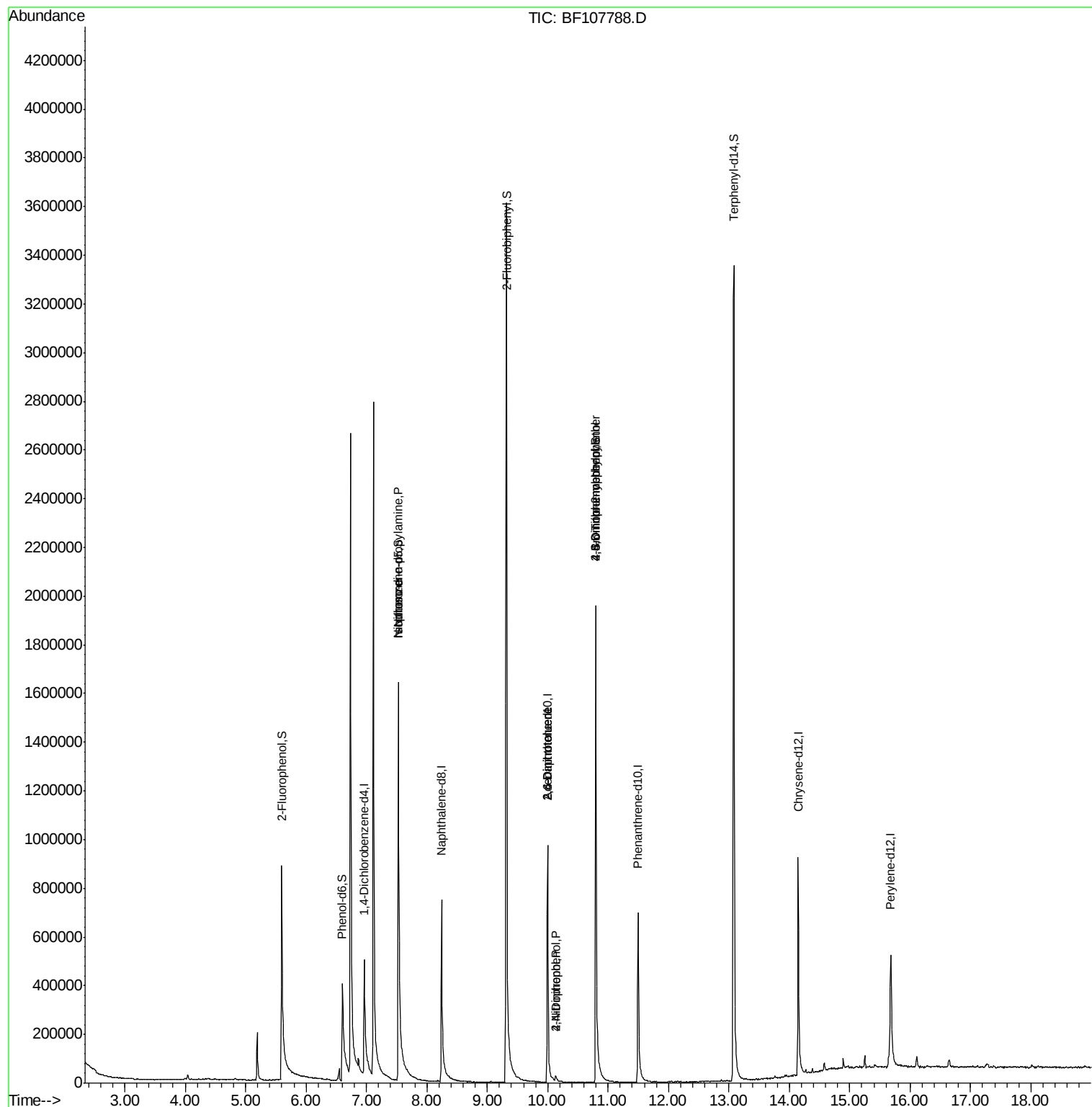
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.53	70	114953	15.077	ng	# 77
25) Isophorone	7.53	82	965761	52.195	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	29062	8.004	ng	# 25
53) 2,4-Dinitrophenol	10.14	184	116	8.374	ng	# 1
55) 4-Nitrophenol	10.14	139	10937	3.307	ng	# 9
56) 2,4-Dinitrotoluene	10.00	165	30099	6.868	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.80	198	531	8.890	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	22615	4.458	ng	# 1
73) Di-n-butylphthalate	12.04	149	1171	Below Cal		# 78

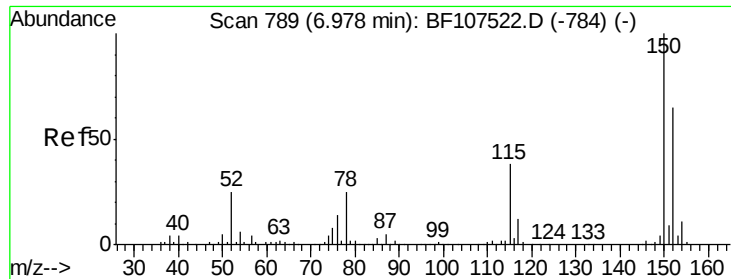
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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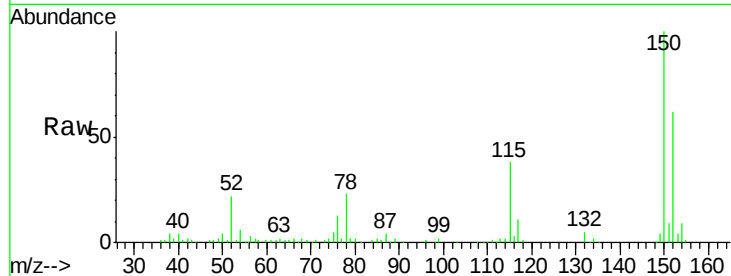


#1

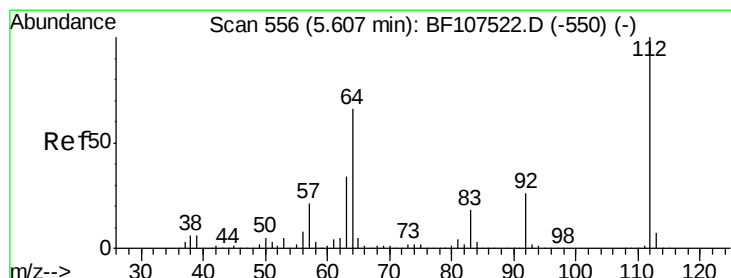
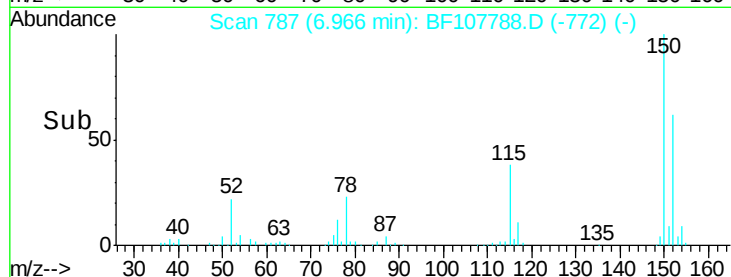
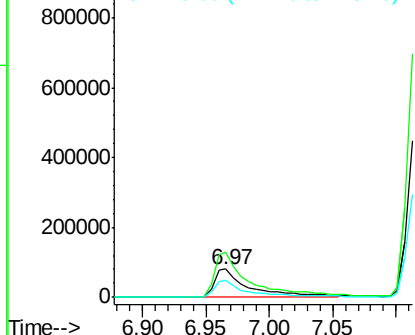
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-25-18

Tgt Ion:152 Resp: 158035
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 60.4 50.1 75.1



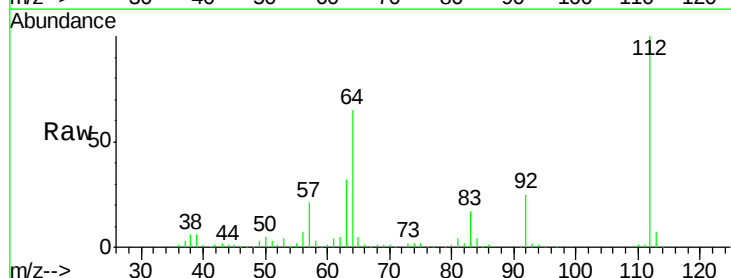
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



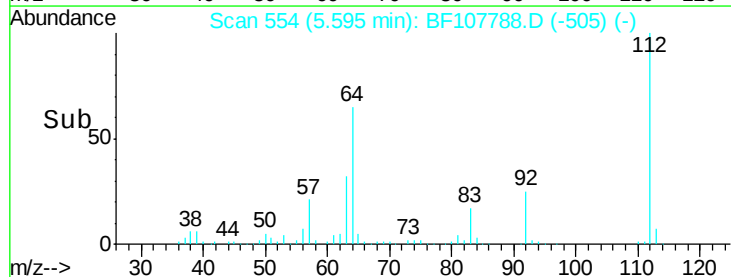
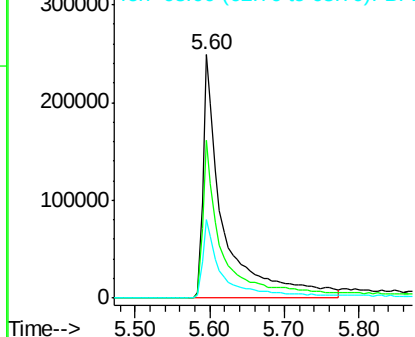
#5

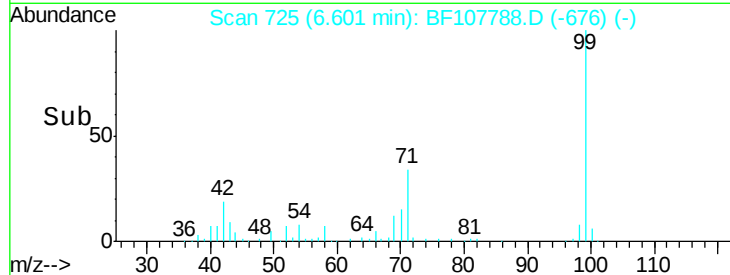
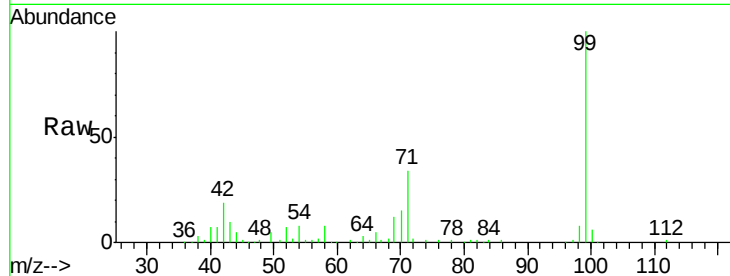
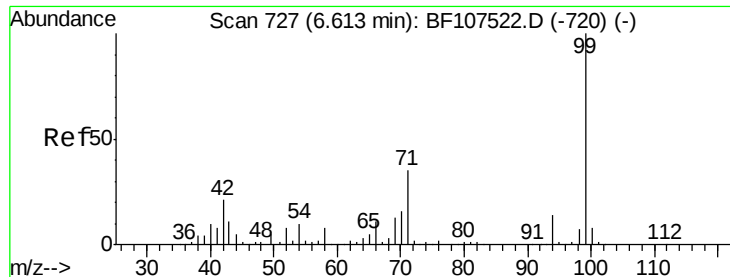
2-Fluorophenol
Concen: 48.897 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Tgt Ion:112 Resp: 480616
Ion Ratio Lower Upper
112 100
64 65.0 47.9 71.9
63 32.3 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: 34.872 ng

RT: 6.60 min Scan# 725

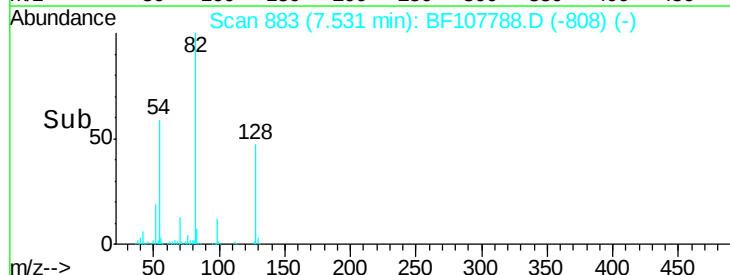
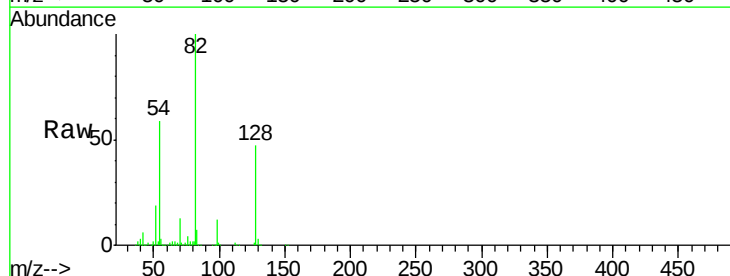
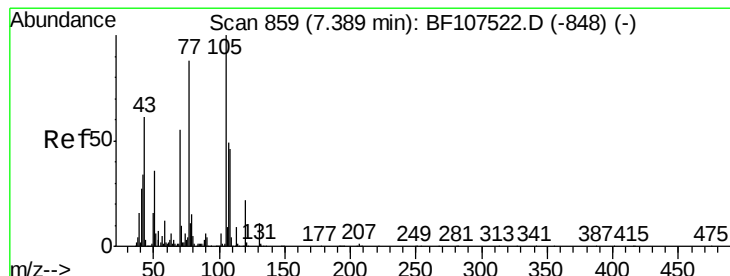
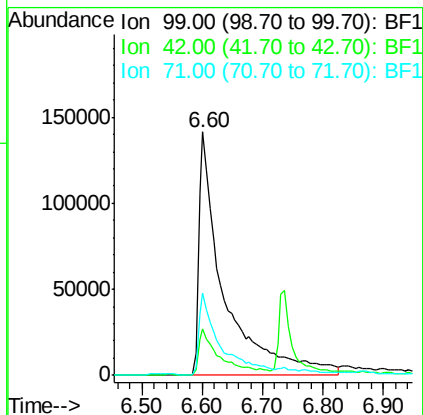
Delta R.T. -0.01 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.5	21.7
71	33.6	25.4	38.0

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-25-18



#19

n-Nitroso-di-n-propylamine

Concen: 15.077 ng

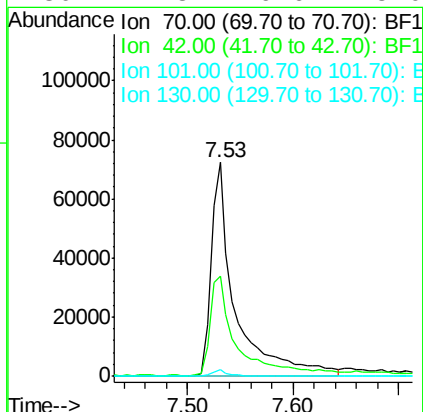
RT: 7.53 min Scan# 883

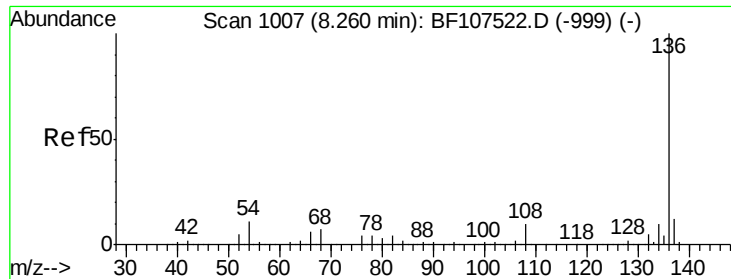
Delta R.T. 0.14 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Tgt Ion	Ratio	Lower	Upper
70	100		
42	47.0	47.5	71.3#
101	0.0	7.4	11.2#
130	2.8	16.6	25.0#

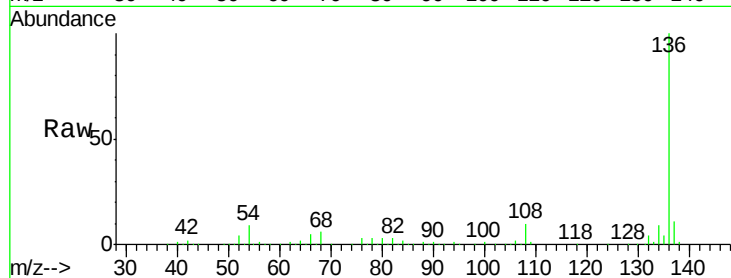




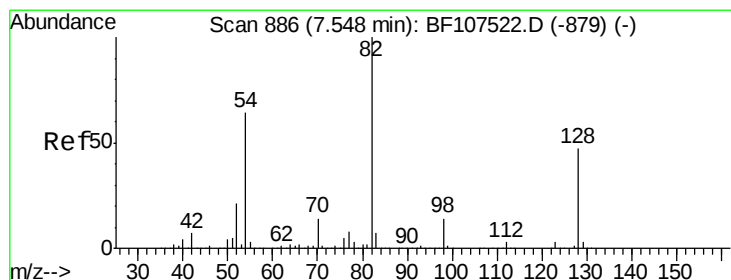
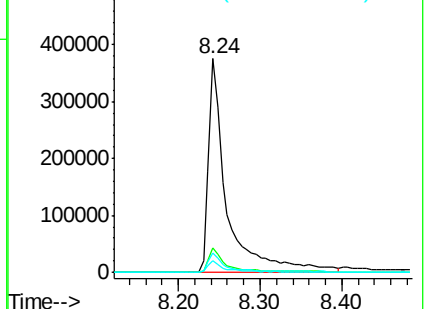
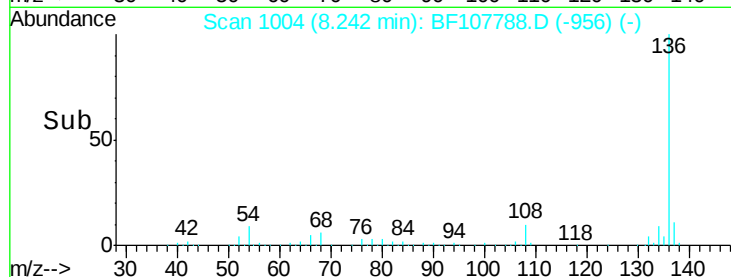
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1004
Delta R.T. -0.02 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-25-18

Tgt Ion:136 Resp: 584830
Ion Ratio Lower Upper
136 100
137 11.3 8.9 13.3
54 9.2 6.6 9.8
68 5.6 5.0 7.4

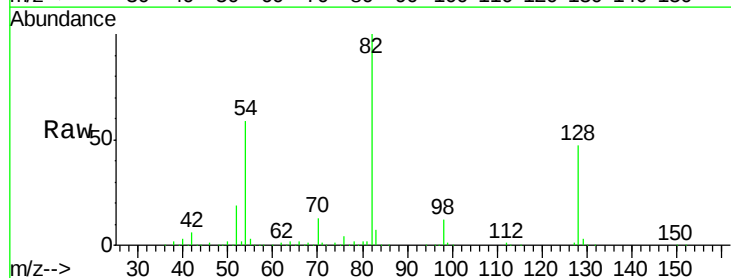


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

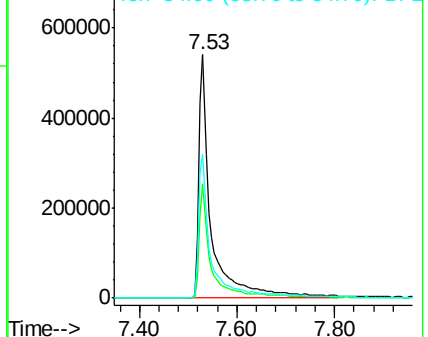
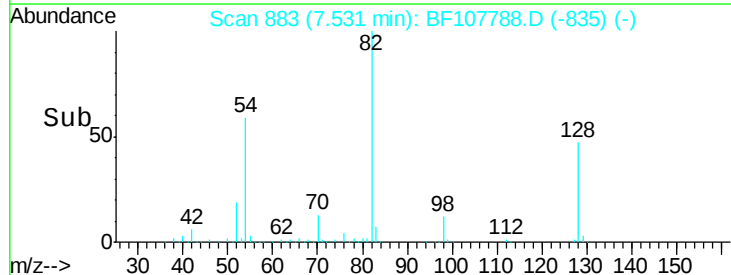


#23
Nitrobenzene-d5
Concen: 110.451 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Tgt Ion: 82 Resp: 957143
Ion Ratio Lower Upper
82 100
128 46.8 36.1 54.1
54 59.0 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: 52.195 ng

RT: 7.53 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-25-18

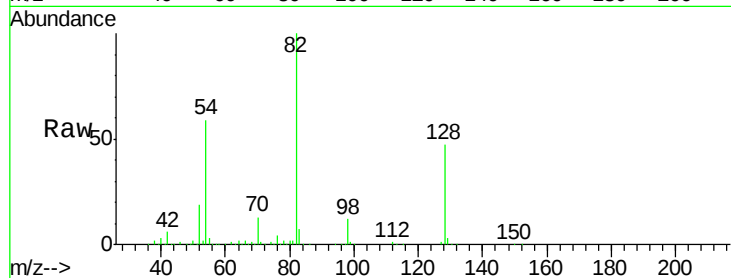
Tgt Ion: 82 Resp: 965761

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

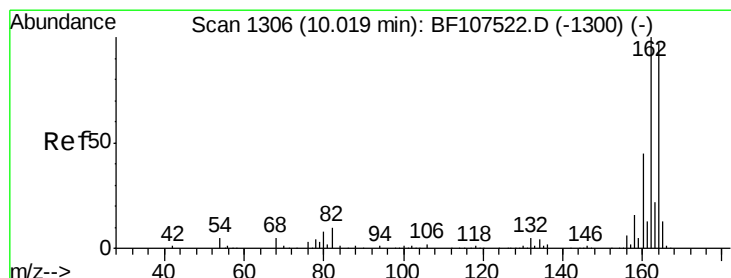
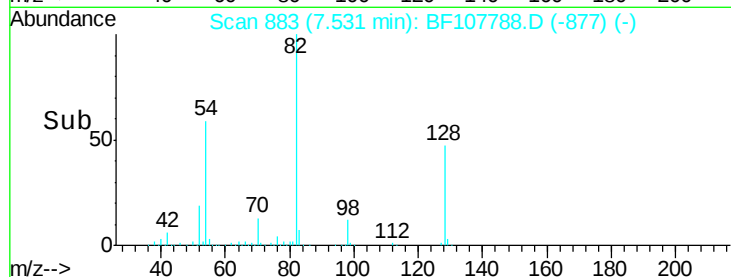
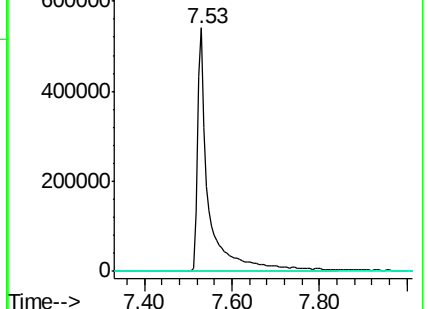
138 0.0 14.9 22.3#



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: 10.00 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

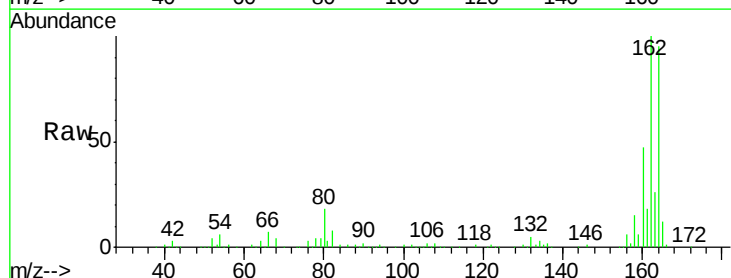
Tgt Ion: 164 Resp: 242645

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

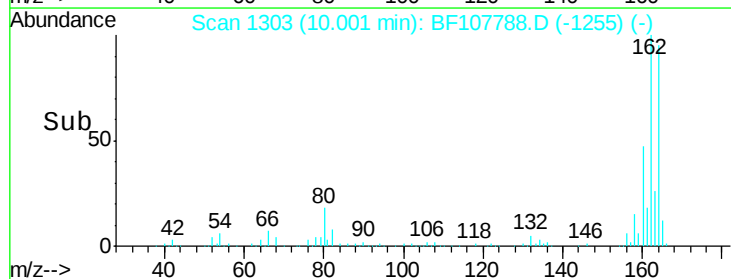
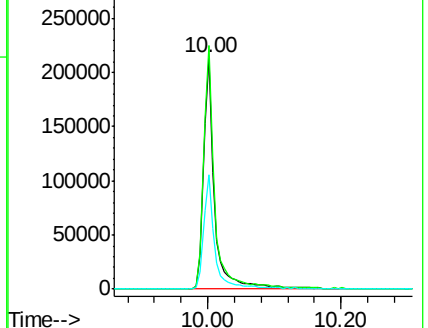
160 49.4 38.3 57.5

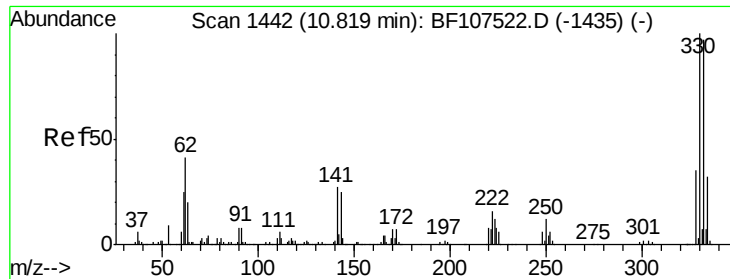


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

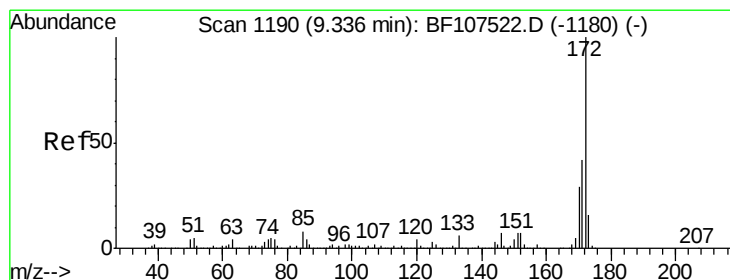
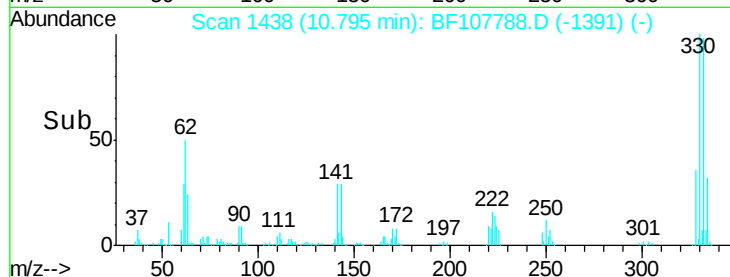
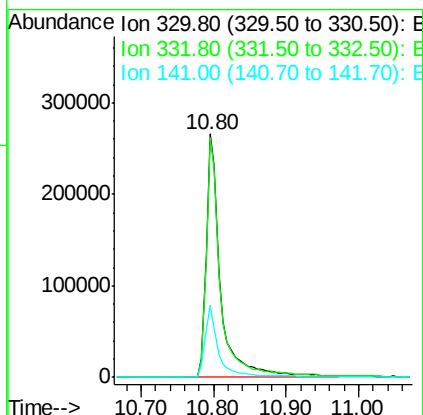
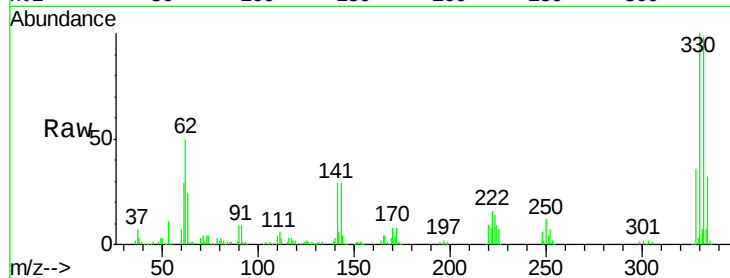




#41
 2,4,6-Tribromophenol
 Concen: 134.608 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

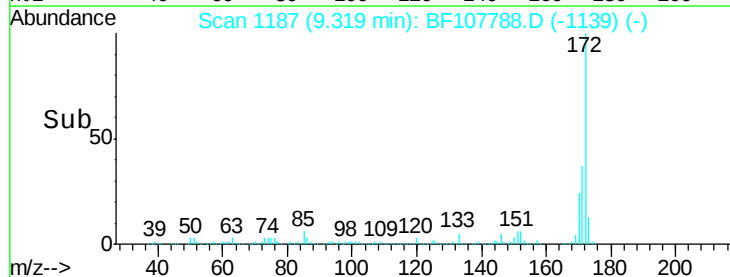
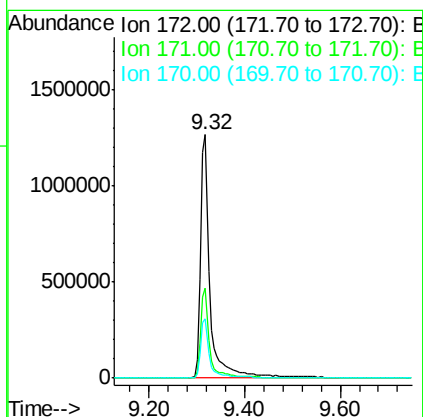
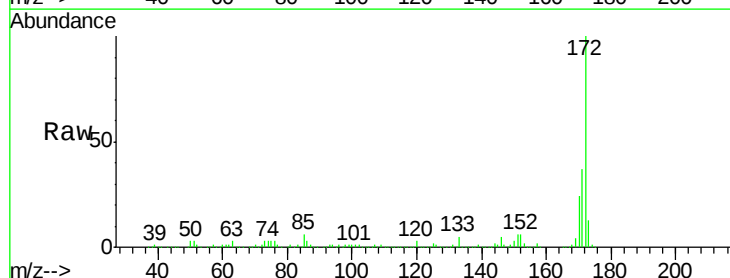
Instrument :
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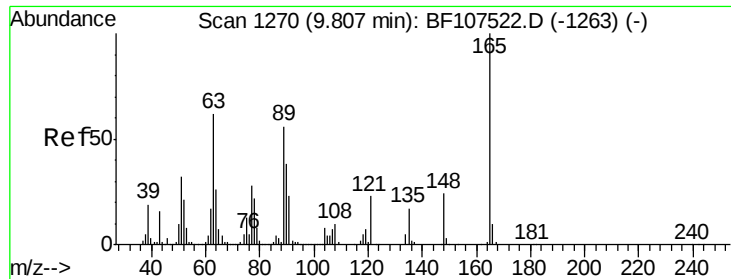
Tgt Ion:330 Resp: 371417
 Ion Ratio Lower Upper
 330 100
 332 98.7 77.0 115.6
 141 28.2 29.9 44.9#



#44
 2-Fluorobiphenyl
 Concen: 154.907 ng
 RT: 9.32 min Scan# 1187
 Delta R.T. -0.02 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Tgt Ion:172 Resp: 1752732
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.7 44.5
 170 24.5 19.6 29.4

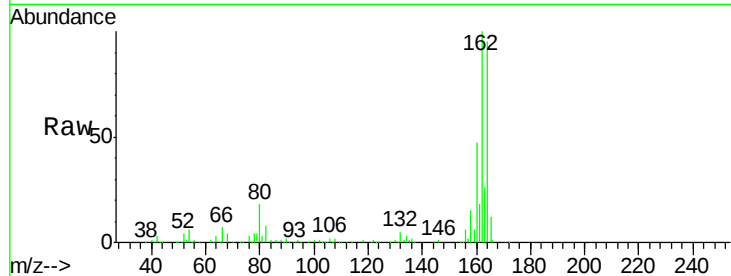




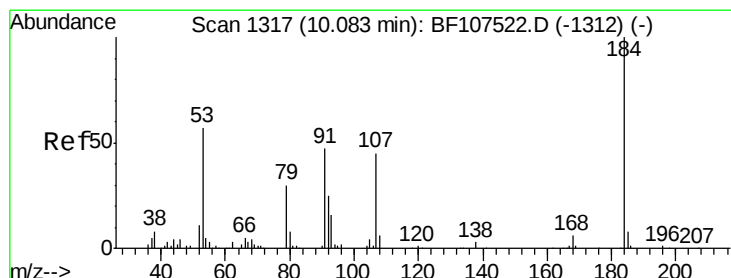
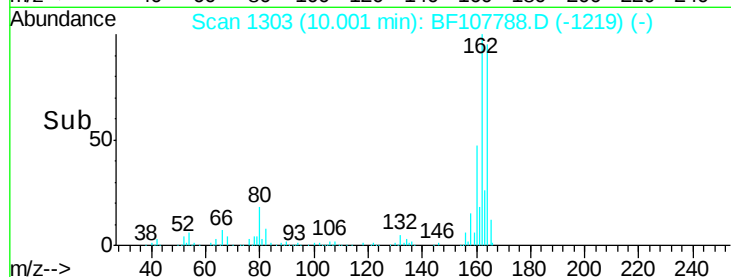
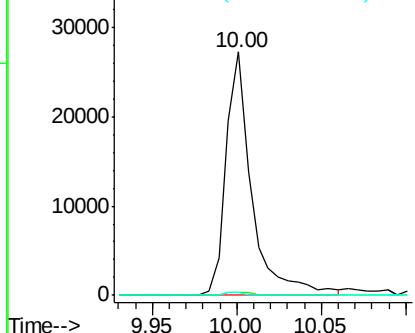
#50
 2,6-Dinitrotoluene
 Concen: 8.004 ng
 RT: 10.00 min Scan# 1303
 Delta R.T. 0.19 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-7-25-18

Tgt Ion:165 Resp: 29062
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.5 44.0 66.0#

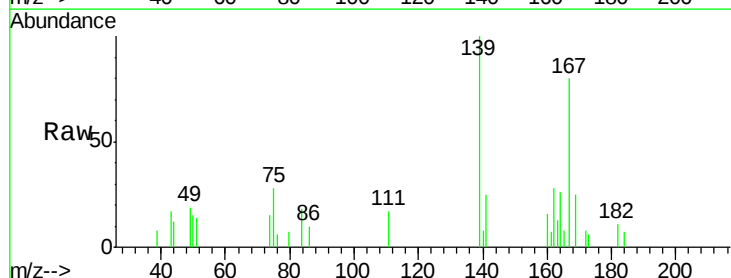


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

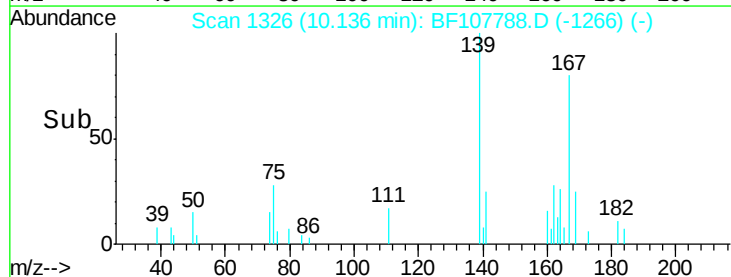
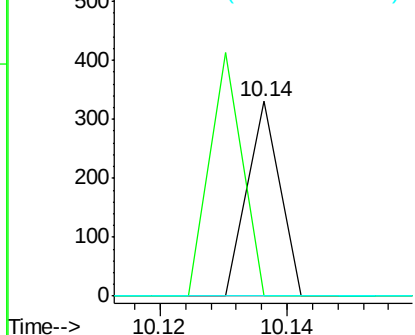


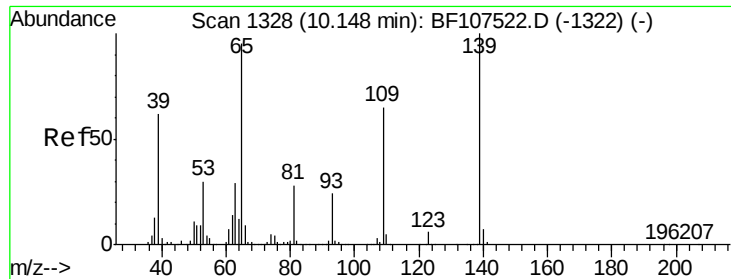
#53
 2,4-Dinitrophenol
 Concen: 8.374 ng
 RT: 10.14 min Scan# 1326
 Delta R.T. 0.05 min
 Lab File: BF107788.D
 Acq: 28 Jul 2018 10:56

Tgt Ion:184 Resp: 116
 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

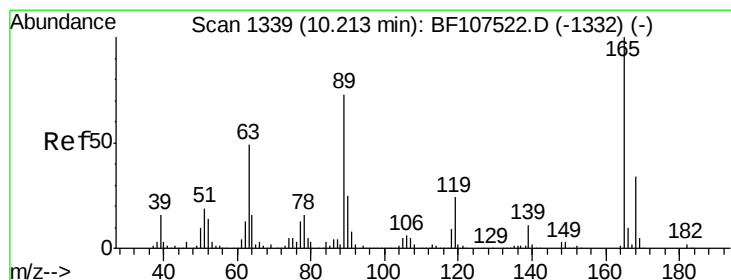
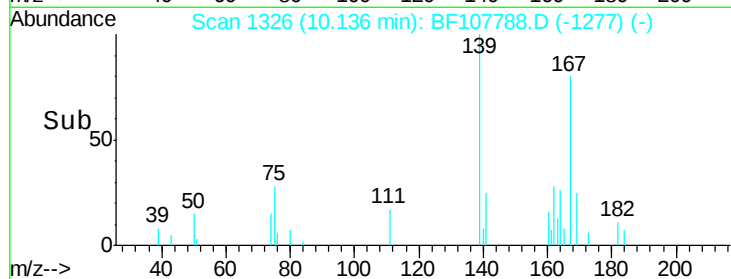
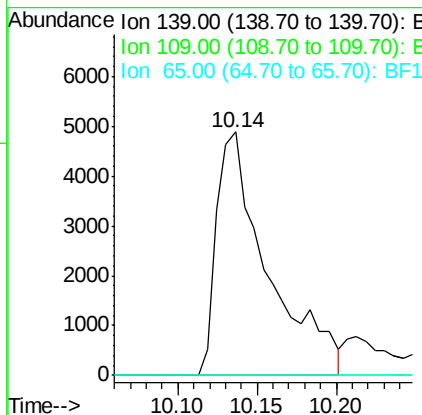
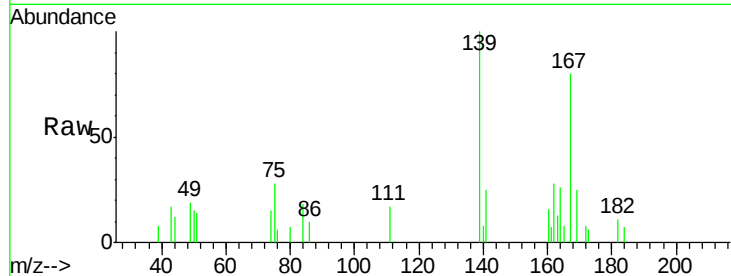




#55
4-Nitrophenol
Concen: 3.307 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

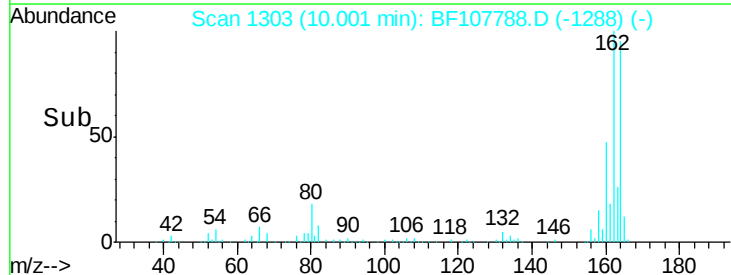
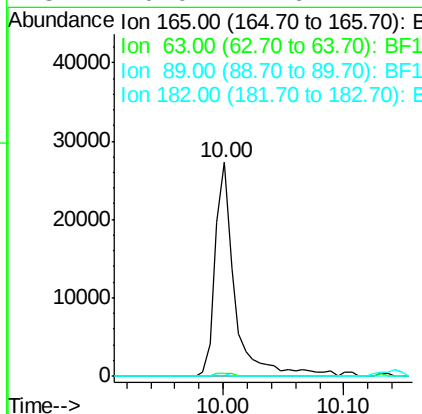
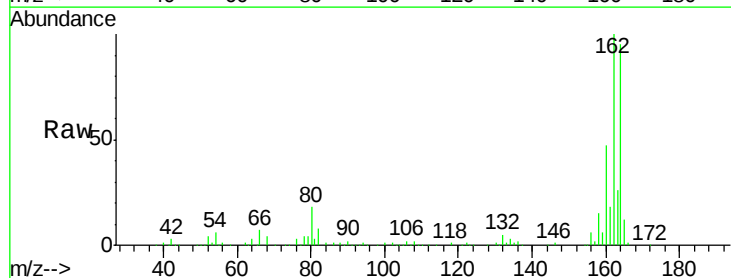
Instrument :
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FIELDBLANK-7-25-18

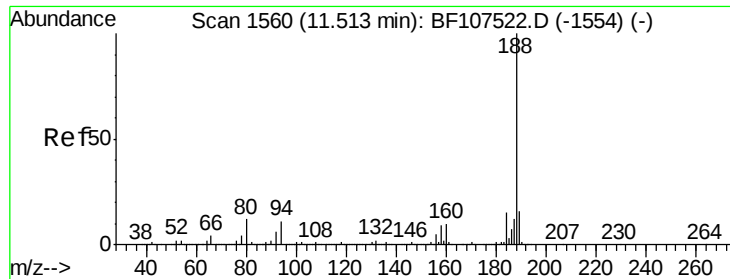
Tgt Ion:139 Resp: 10937
Ion Ratio Lower Upper
139 100
109 0.0 48.4 88.4#
65 0.0 72.6 112.6#



#56
2,4-Dinitrotoluene
Concen: 6.868 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.21 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Tgt Ion:165 Resp: 30099
Ion Ratio Lower Upper
165 100
63 1.2 36.4 54.6#
89 1.5 57.8 86.6#
182 0.0 1.6 2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.49 min Scan# 1557

Delta R.T. -0.02 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-25-18

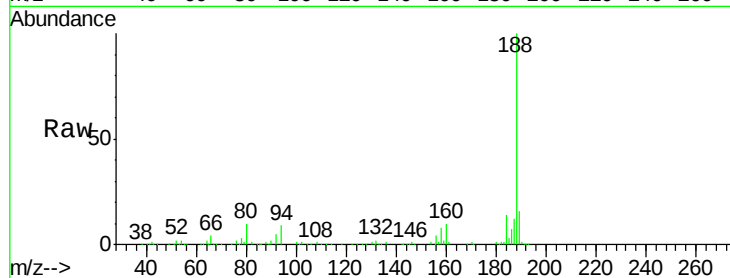
Tgt Ion:188 Resp: 430905

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

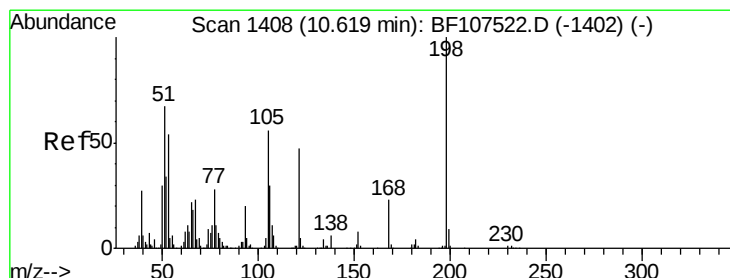
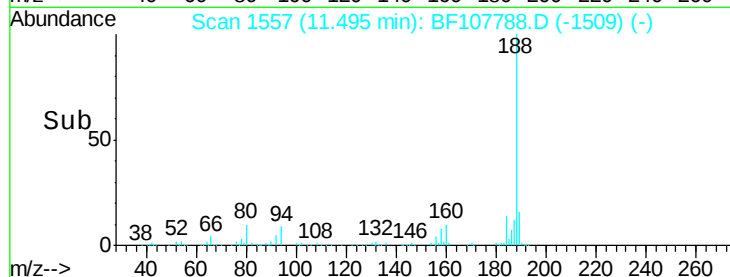
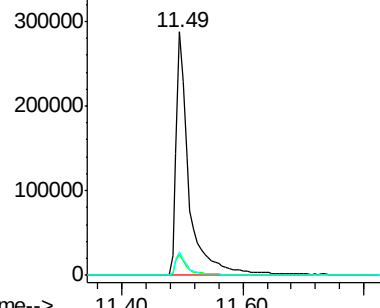
80 9.7 9.2 13.8



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: 8.890 ng

RT: 10.80 min Scan# 1438

Delta R.T. 0.18 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

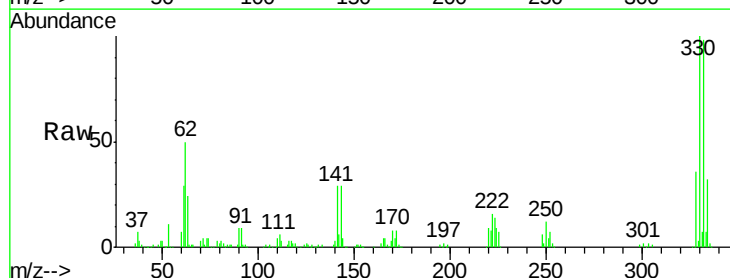
Tgt Ion:198 Resp: 531

Ion Ratio Lower Upper

198 100

51 185.3 37.7 77.7#

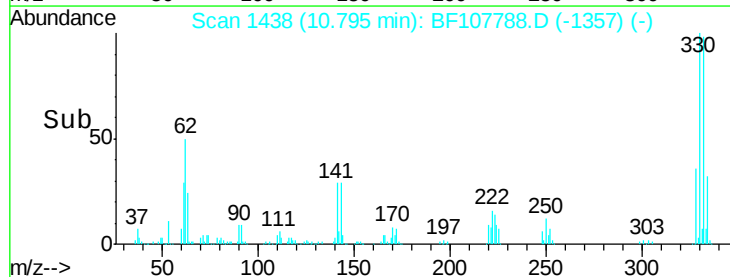
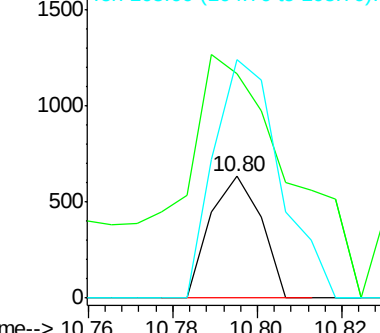
105 196.7 36.3 76.3#

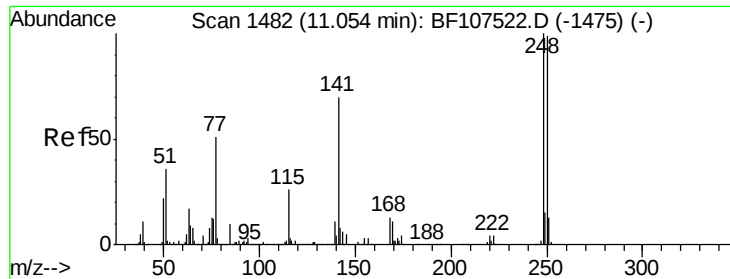


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

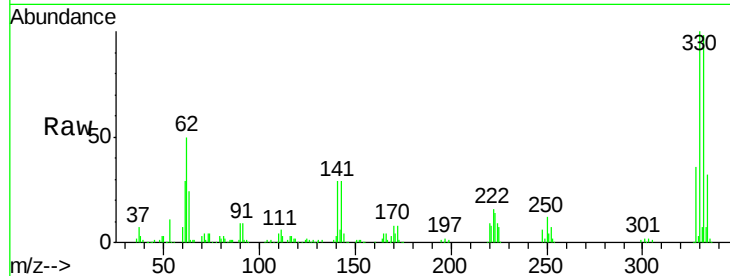




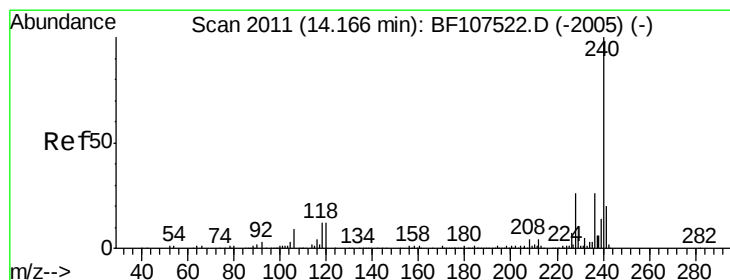
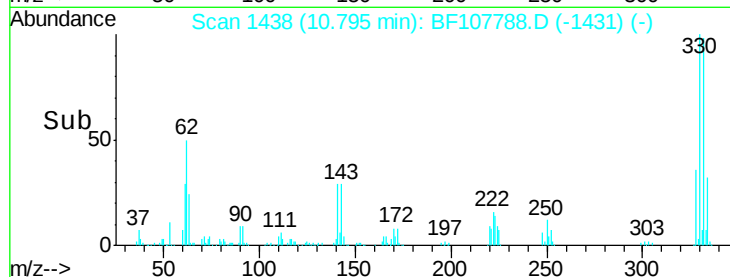
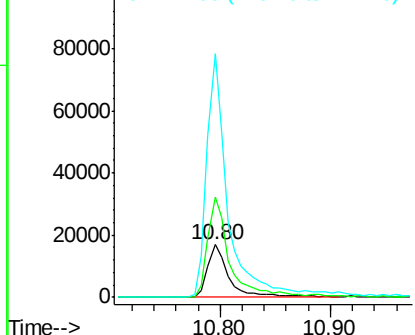
#66
4-Bromophenyl-phenylether
Concen: 4.458 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.26 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-7-25-18

Tgt Ion:248 Resp: 22615
Ion Ratio Lower Upper
248 100
250 190.2 76.9 115.3#
141 462.7 74.4 111.6#

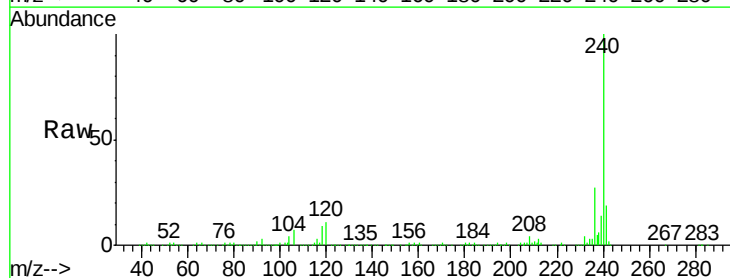


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

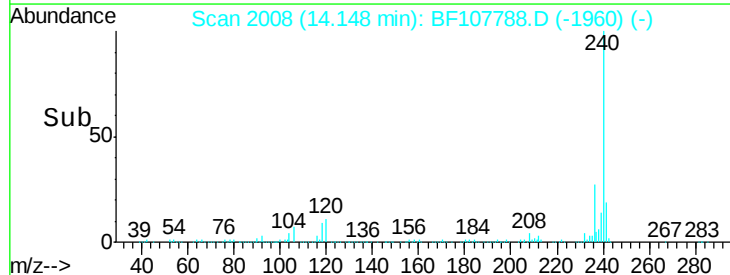
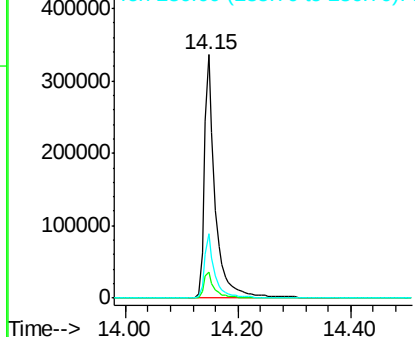


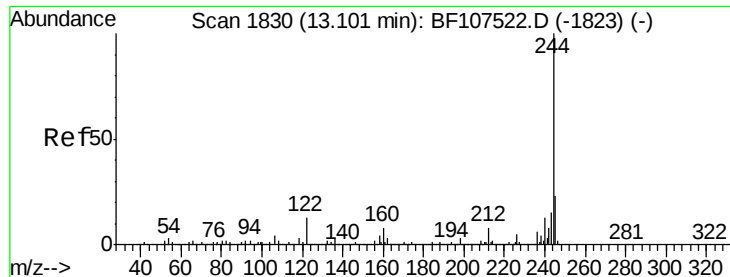
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107788.D
Acq: 28 Jul 2018 10:56

Tgt Ion:240 Resp: 452599
Ion Ratio Lower Upper
240 100
120 10.8 9.5 14.3
236 26.6 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: 89.634 ng

RT: 13.08 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-7-25-18

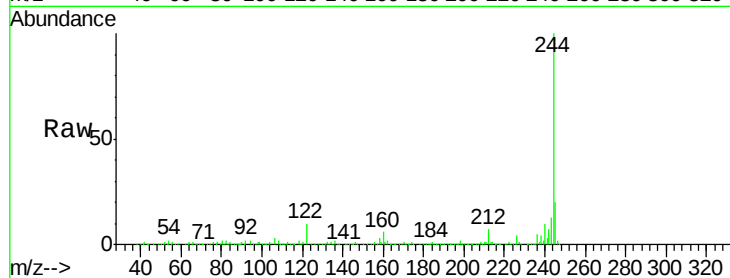
Tgt Ion:244 Resp: 1584645

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

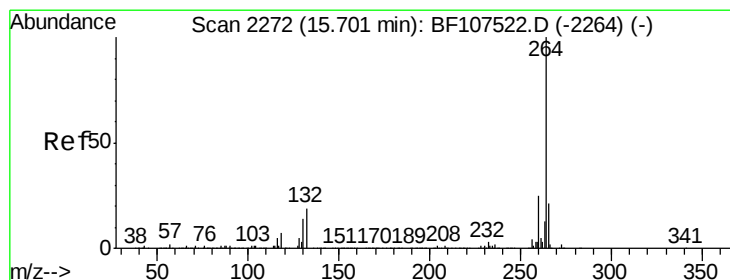
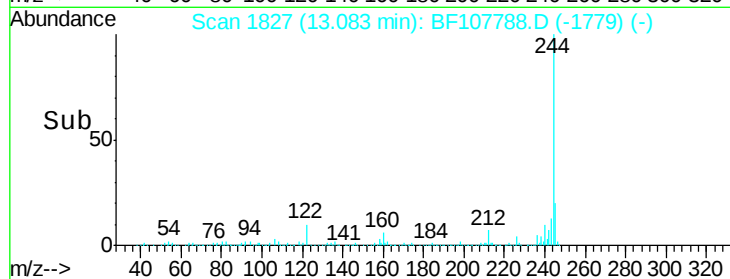
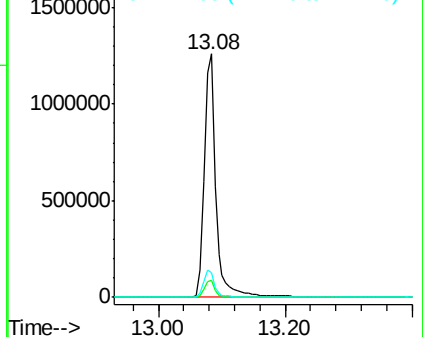
122 10.2 11.0 16.4#



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: 15.68 min Scan# 2268

Delta R.T. -0.02 min

Lab File: BF107788.D

Acq: 28 Jul 2018 10:56

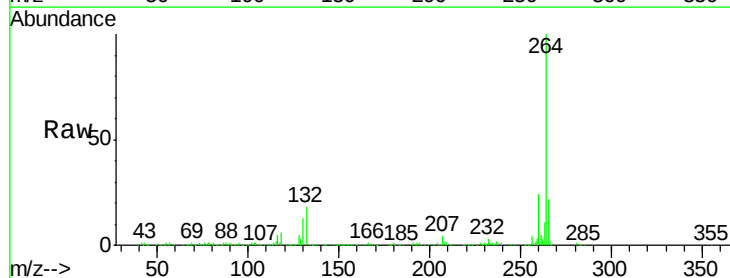
Tgt Ion:264 Resp: 361977

Ion Ratio Lower Upper

264 100

260 24.3 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

