

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF100518\
 Data File : BF109618.D
 Acq On : 5 Oct 2018 19:39
 Operator : JU/SJ
 Sample : J5179-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T2-GRAVEL

Quant Time: Oct 06 05:56:22 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

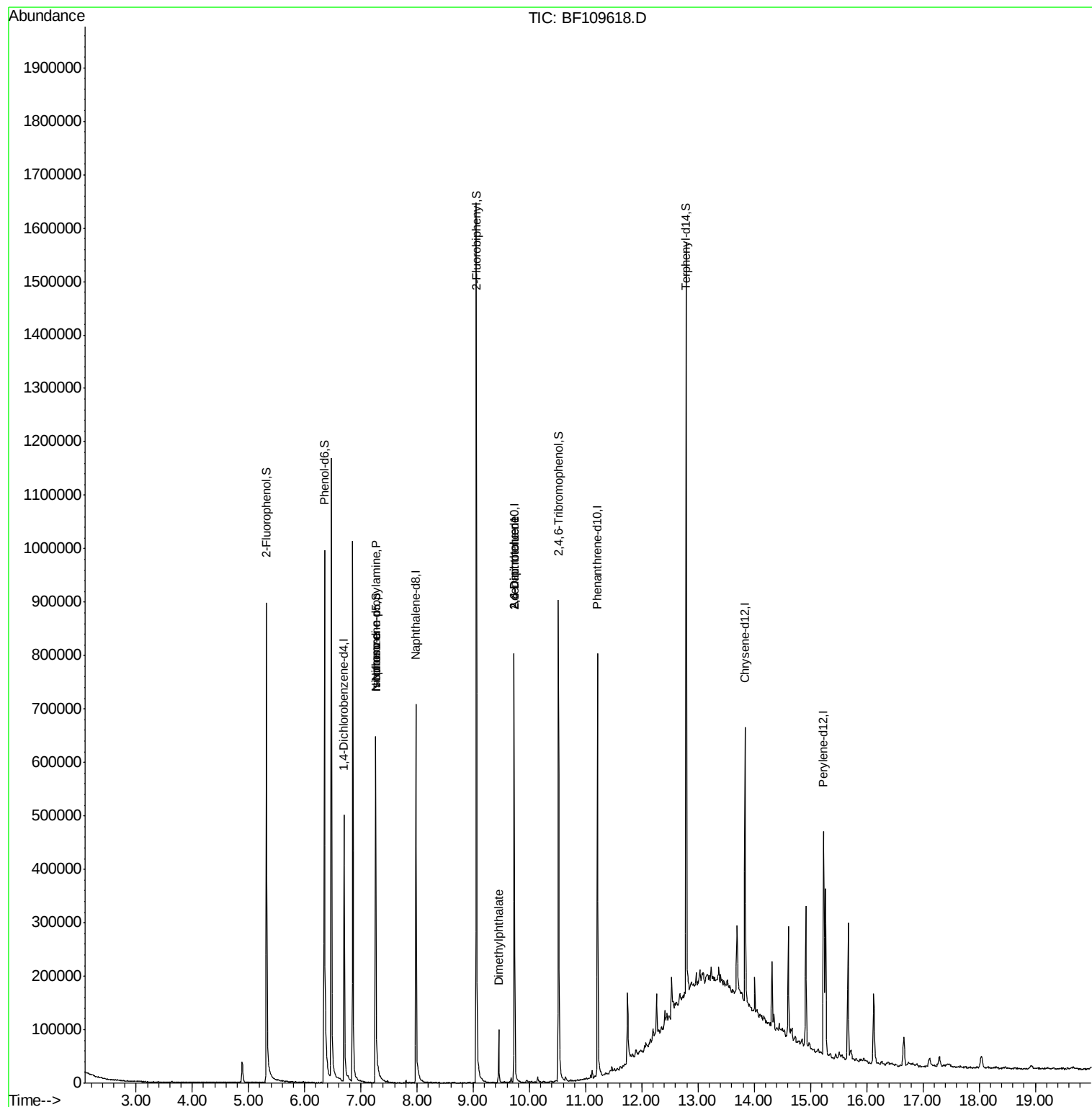
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	91737	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	372021	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	179373	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	331124	20.00	ng	0.00
75) Chrysene-d12	13.83	240	198733	20.00	ng	-0.01
86) Perylene-d12	15.23	264	211946	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	319532	57.37	ng	0.00
7) Phenol-d6	6.35	99	441274	62.09	ng	0.00
23) Nitrobenzene-d5	7.26	82	280804	44.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	126133	71.33	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	557978	46.92	ng	-0.02
78) Terphenyl-d14	12.79	244	495292	61.16	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	38089	8.179	ng	# 76
25) Isophorone	7.26	82	265617	23.406	ng	# 64
49) Dimethylphthalate	9.45	163	46473	3.562	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	22294	8.628	ng	# 26
56) 2,4-Dinitrotoluene	9.73	165	22294	6.819	ng	# 23

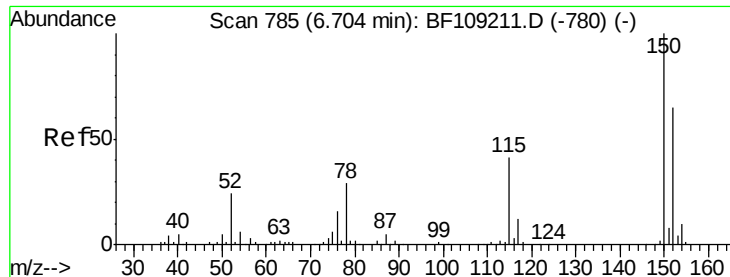
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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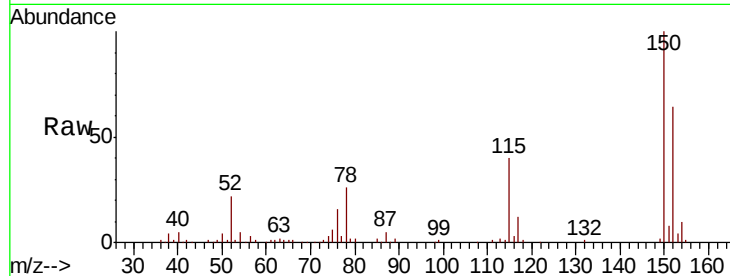


#1

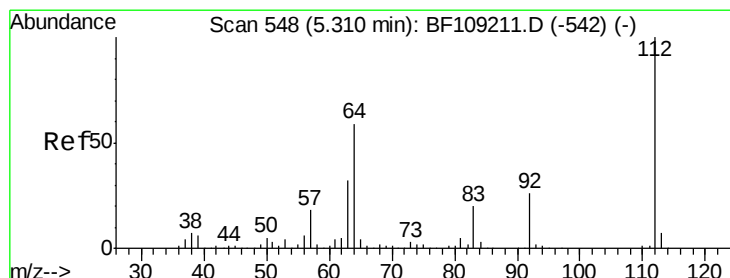
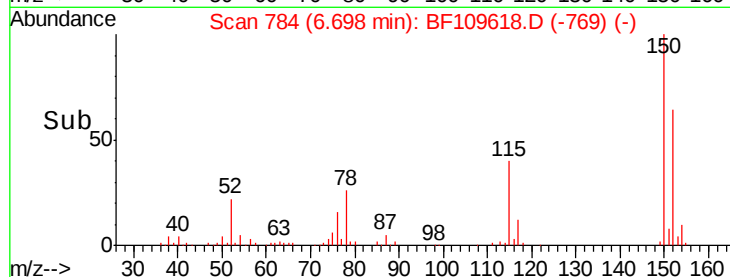
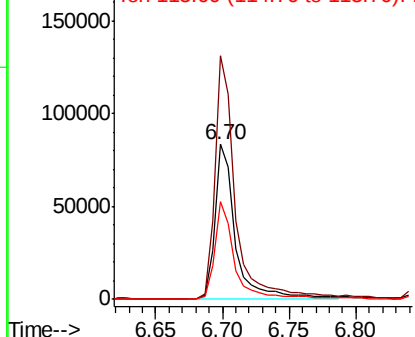
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

Tgt Ion:152 Resp: 91737
Ion Ratio Lower Upper
152 100
150 156.8 124.6 186.8
115 62.7 50.1 75.1



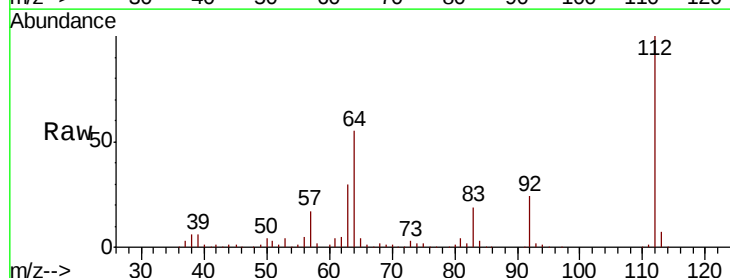
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



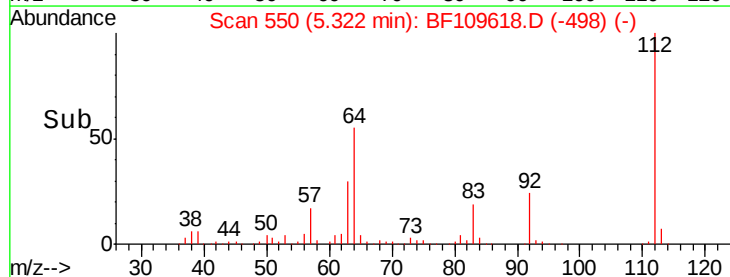
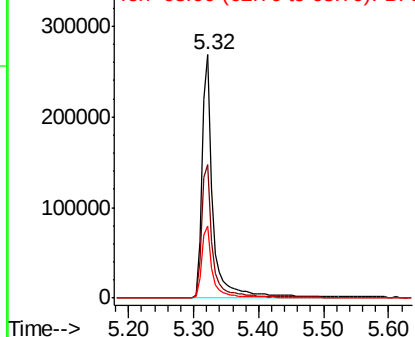
#5

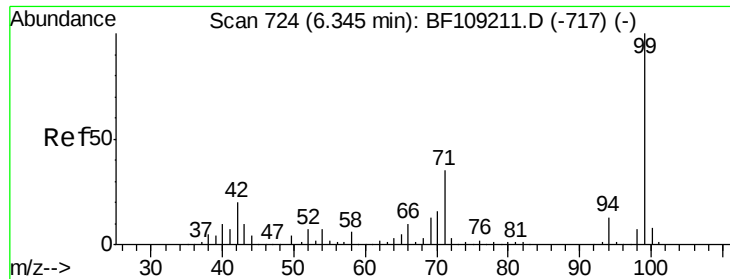
2-Fluorophenol
Concen: 57.370 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Tgt Ion:112 Resp: 319532
Ion Ratio Lower Upper
112 100
64 54.7 47.9 71.9
63 29.6 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: 62.089 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109618.D

Acq: 5 Oct 2018 19:39

Instrument :

BNA_F

ClientSampleId :

T2-GRAVEL

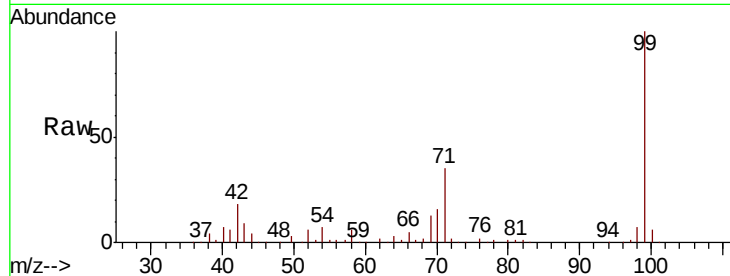
Tgt Ion: 99 Resp: 441274

Ion Ratio Lower Upper

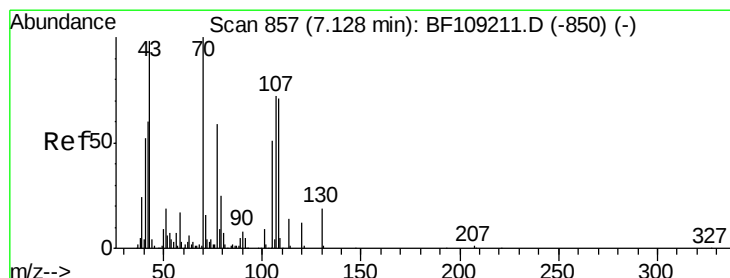
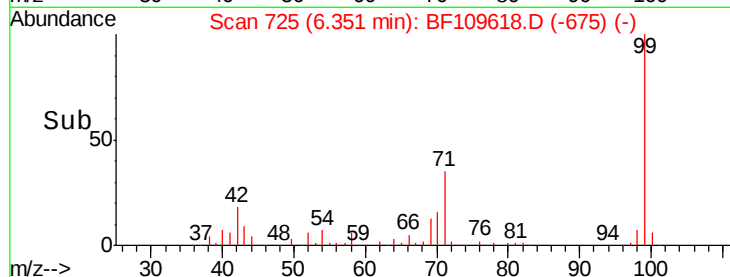
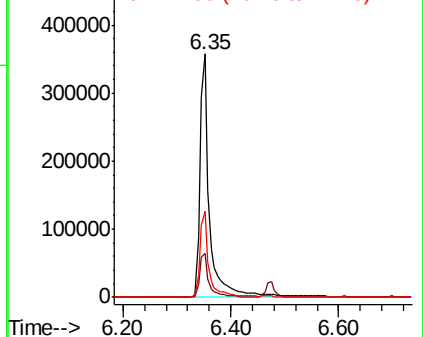
99 100

42 18.3 14.5 21.7

71 35.2 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: 8.179 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109618.D

Acq: 5 Oct 2018 19:39

Tgt Ion: 70 Resp: 38089

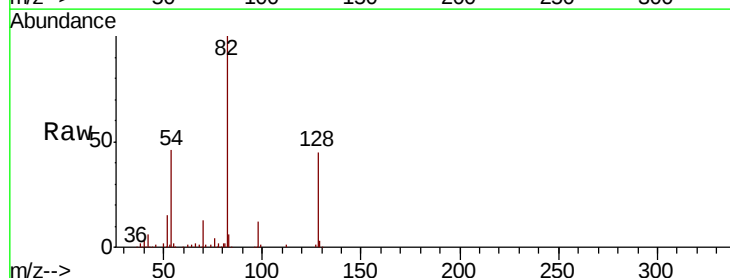
Ion Ratio Lower Upper

70 100

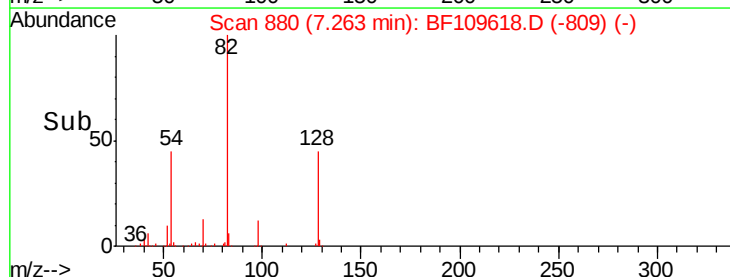
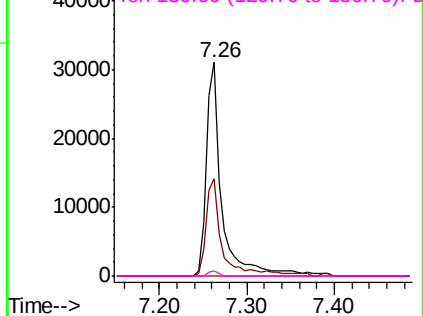
42 45.4 47.5 71.3#

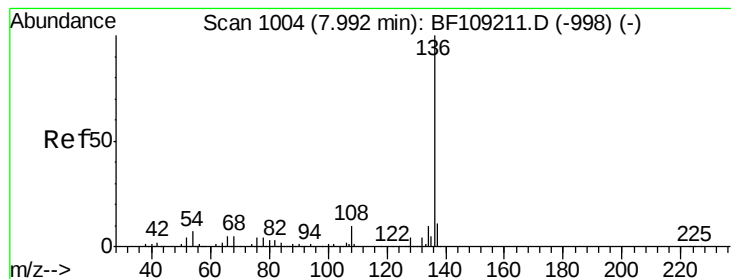
101 0.0 7.4 11.2#

130 2.1 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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109618.D

Acq: 5 Oct 2018 19:39

Instrument :

BNA_F

ClientSampleId :

T2-GRAVEL

Tgt Ion:136 Resp: 372021

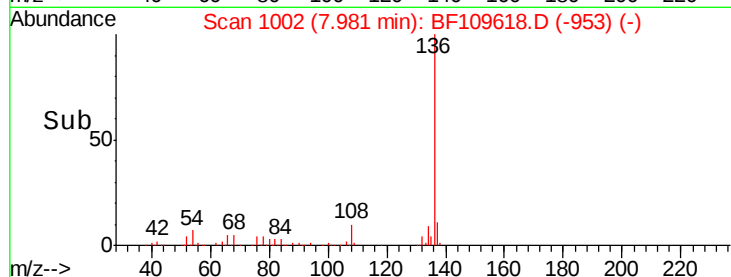
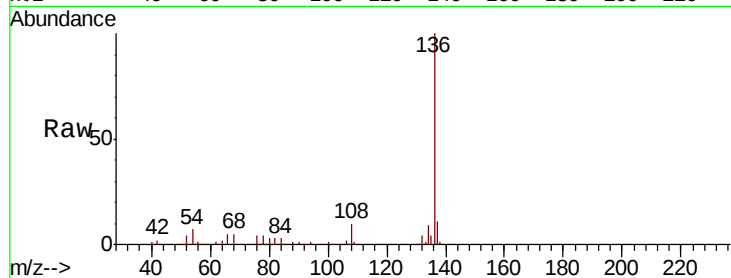
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.8 6.6 9.8

68 5.3 5.0 7.4

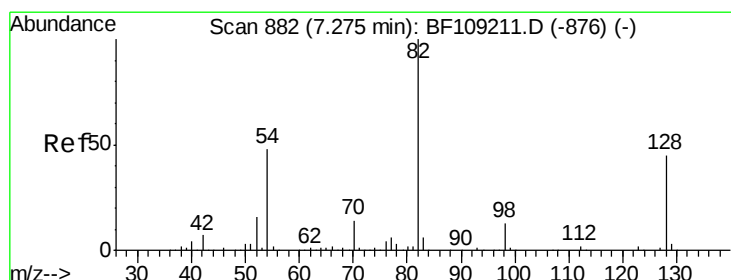
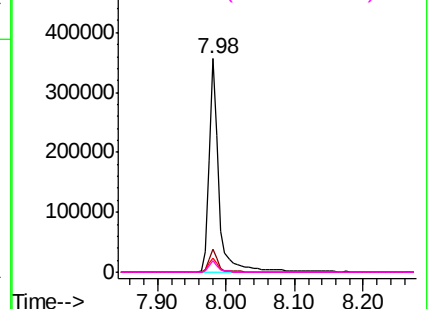


Abundance Ion 136.00 (135.70 to 136.70): E

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: 44.557 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109618.D

Acq: 5 Oct 2018 19:39

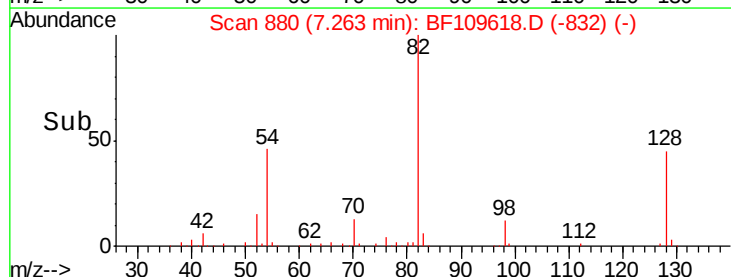
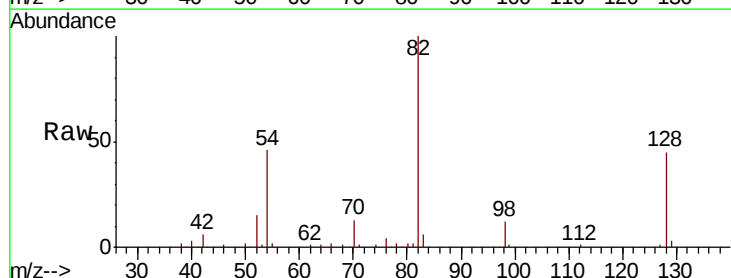
Tgt Ion: 82 Resp: 280804

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

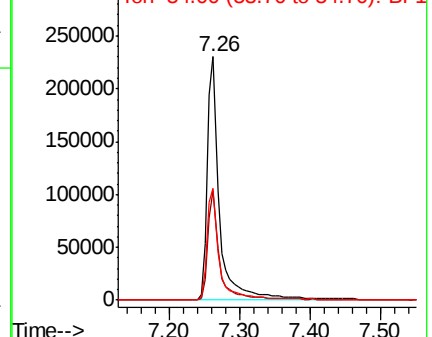
54 46.1 41.4 62.2

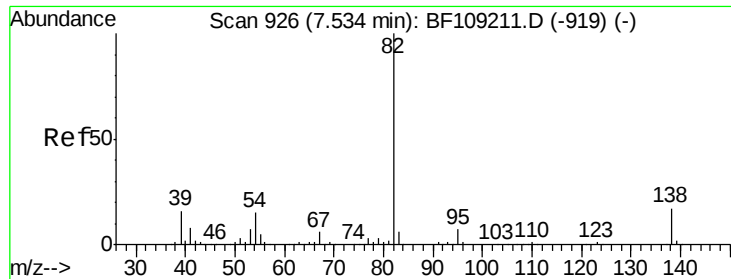


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

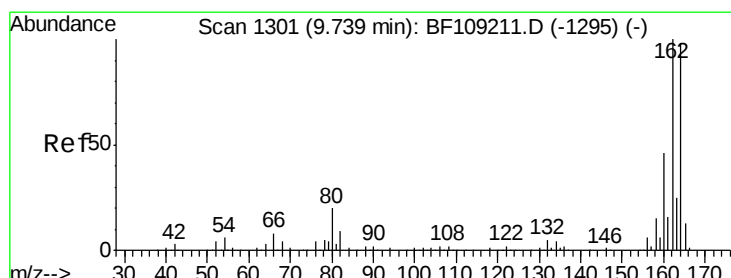
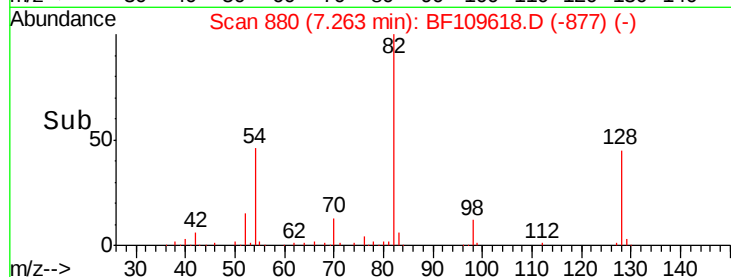
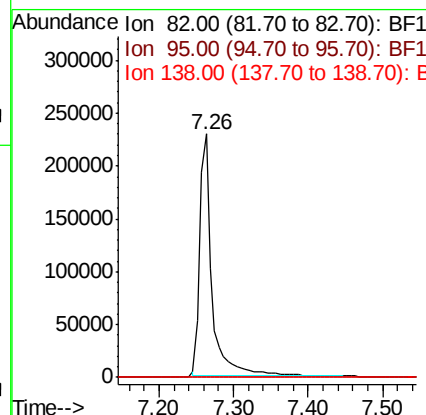
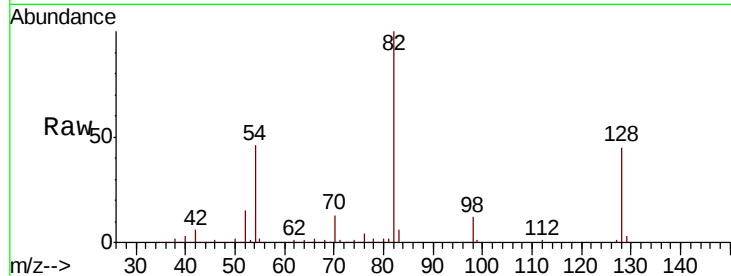




#25
Isophorone
Concen: 23.406 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

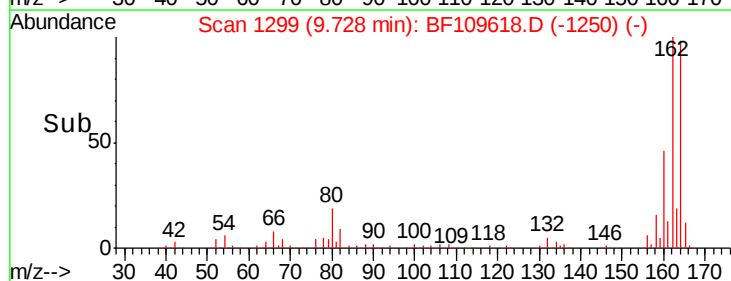
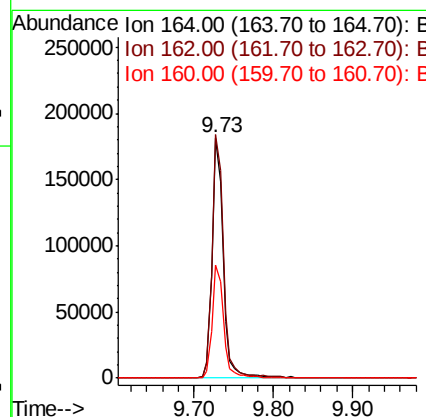
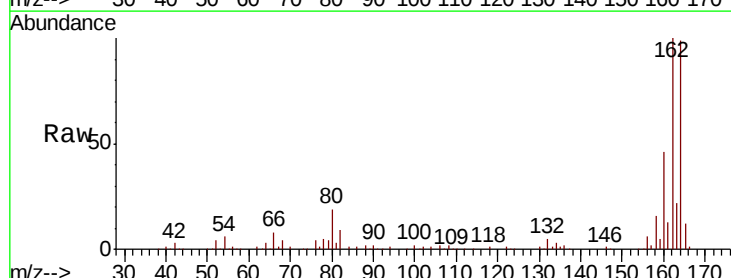
Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

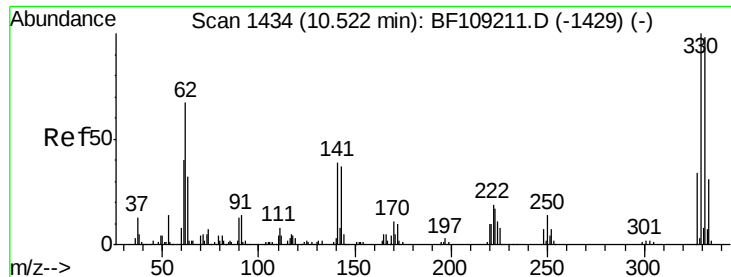
Tgt Ion: 82 Resp: 265617
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.01 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Tgt Ion: 164 Resp: 179373
Ion Ratio Lower Upper
164 100
162 101.4 86.1 129.1
160 47.0 38.3 57.5

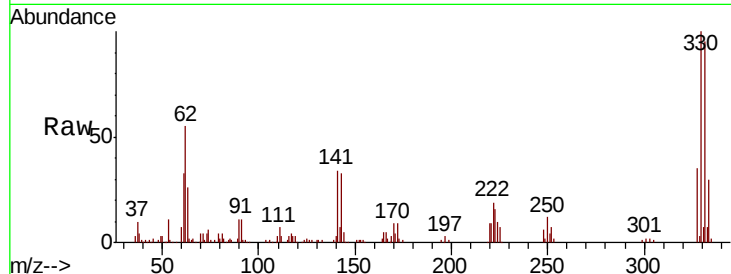




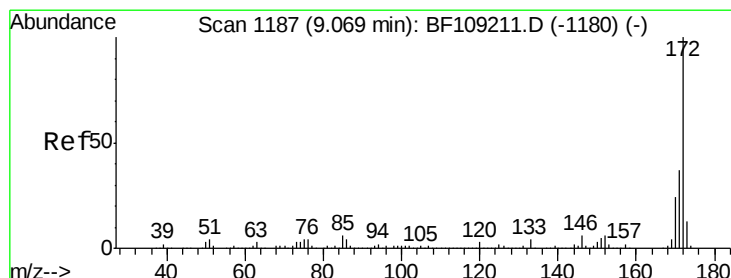
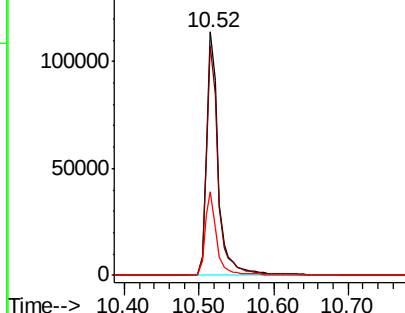
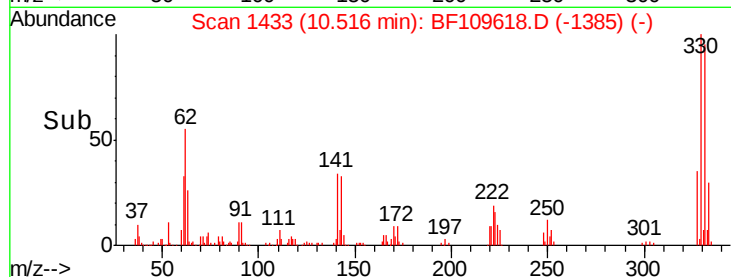
#41
 2,4,6-Tribromophenol
 Concen: 71.332 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109618.D
 Acq: 5 Oct 2018 19:39

Instrument :
 BNA_F
 ClientSampleId :
 T2-GRAVEL

Tgt Ion:330 Resp: 126133
 Ion Ratio Lower Upper
 330 100
 332 92.7 77.0 115.6
 141 33.9 29.9 44.9

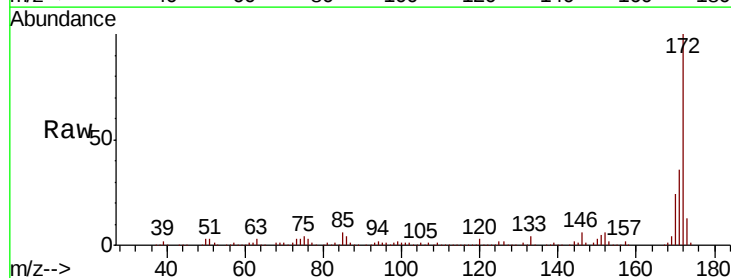


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

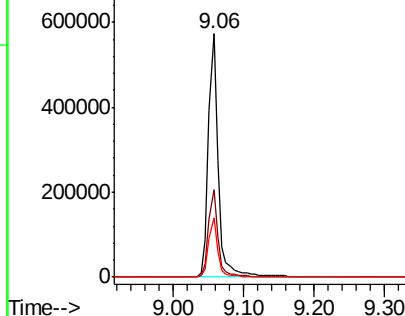
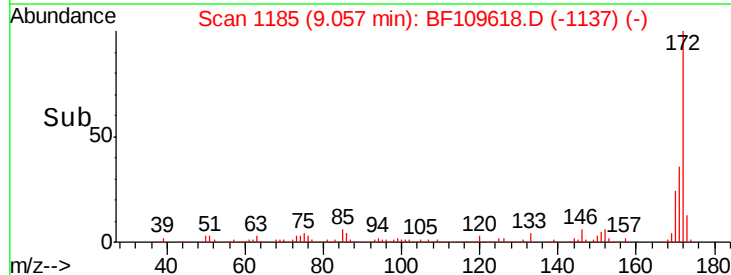


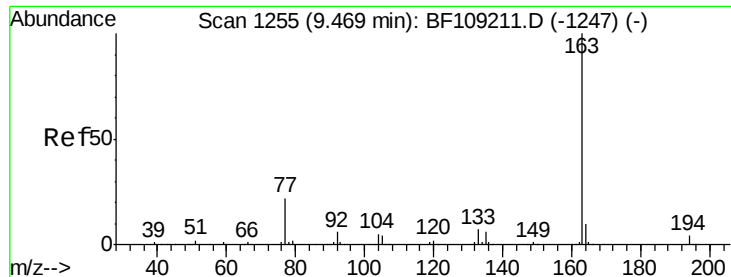
#44
 2-Fluorobiphenyl
 Concen: 46.916 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109618.D
 Acq: 5 Oct 2018 19:39

Tgt Ion:172 Resp: 557978
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.2 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

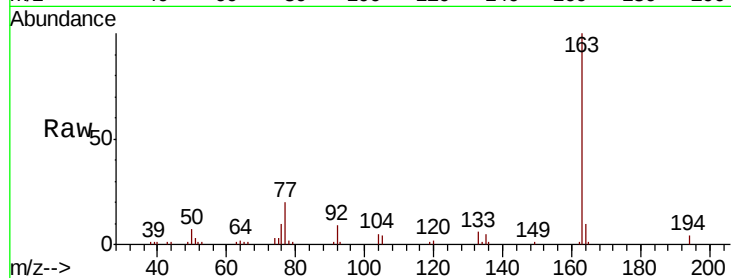




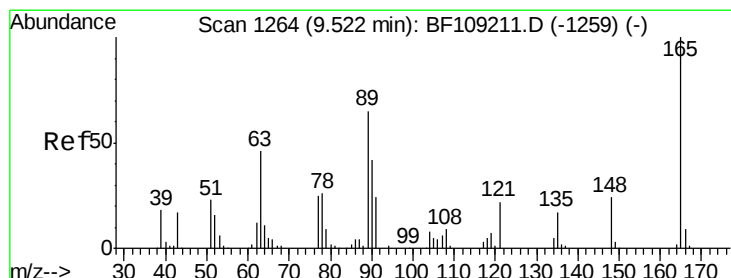
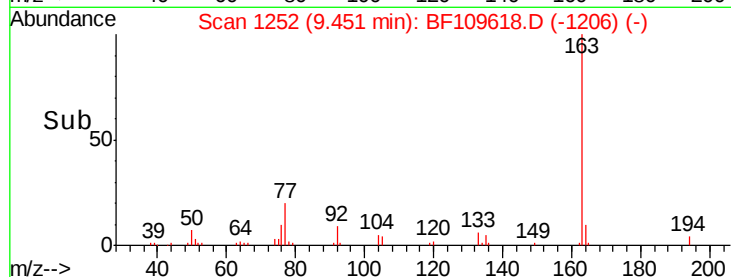
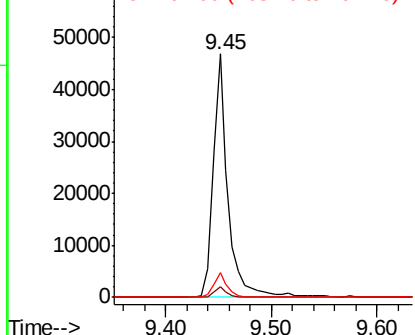
#49
Dimethylphthalate
Concen: 3.562 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.03 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

Tgt Ion:163 Resp: 46473
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 10.0 8.2 12.2

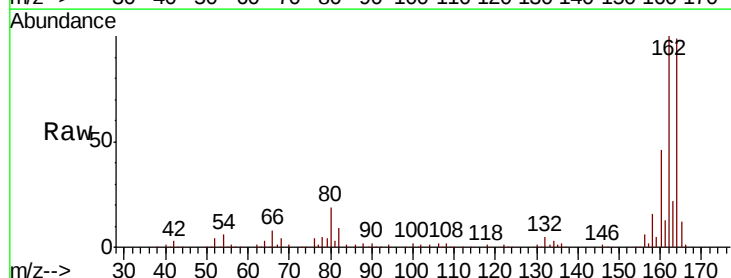


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

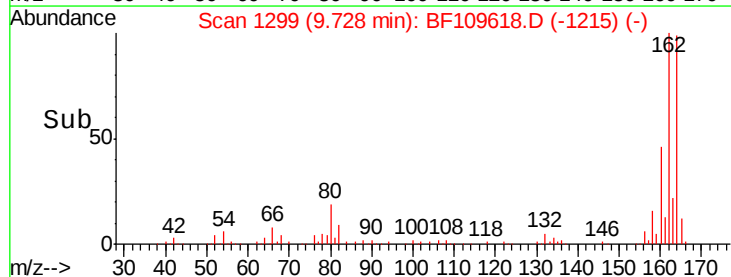
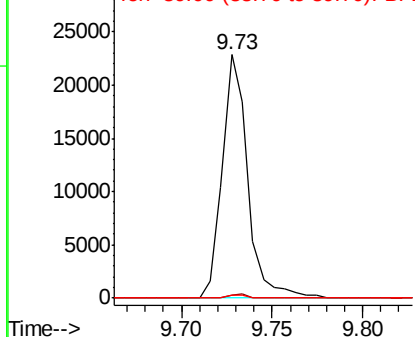


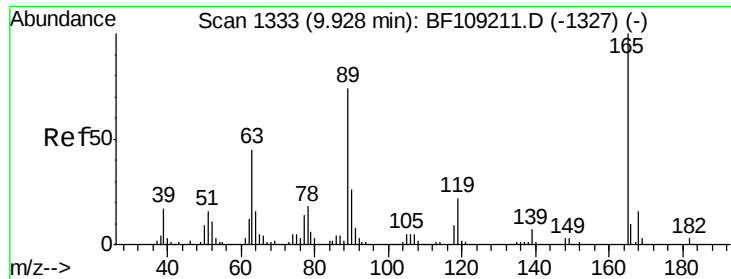
#50
2,6-Dinitrotoluene
Concen: 8.628 ng
RT: 9.73 min Scan# 1299
Delta R.T. 0.19 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Tgt Ion:165 Resp: 22294
Ion Ratio Lower Upper
165 100
63 1.4 44.7 67.1#
89 1.4 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

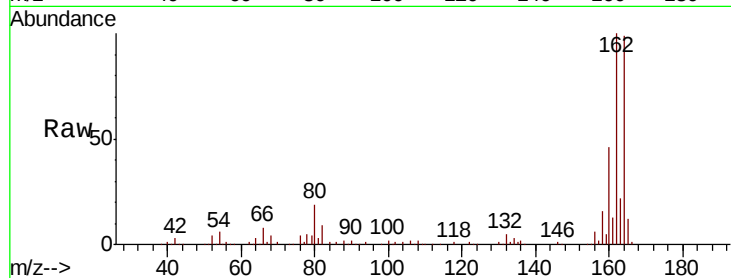




#56
2,4-Dinitrotoluene
Concen: 6.819 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.21 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

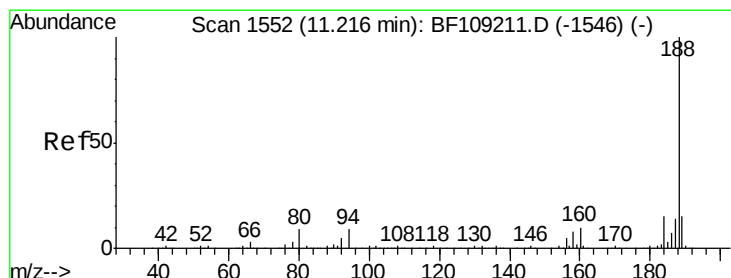
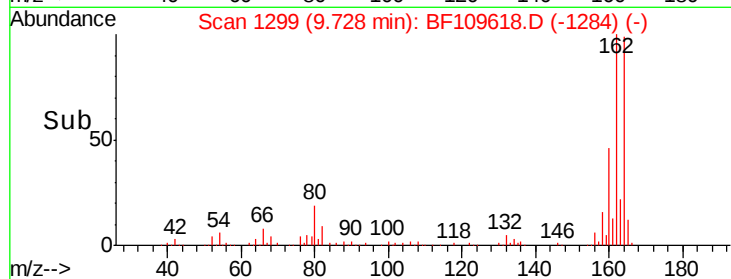
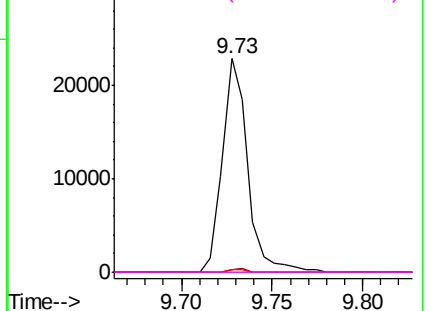


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

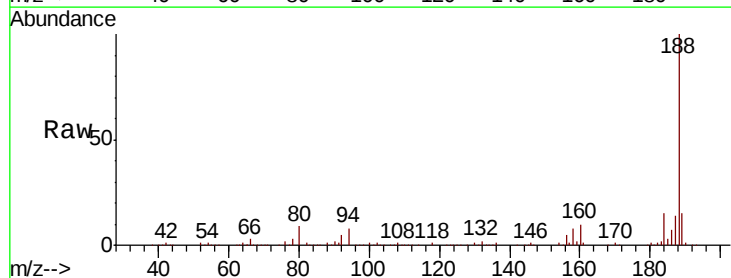
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

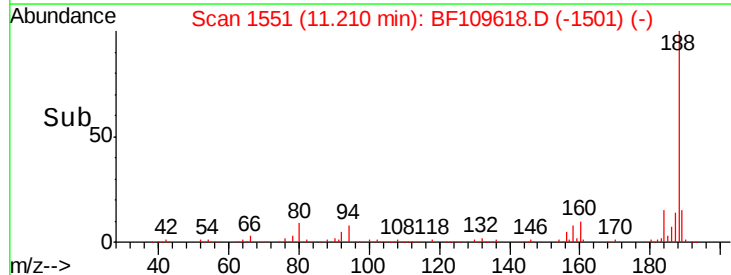
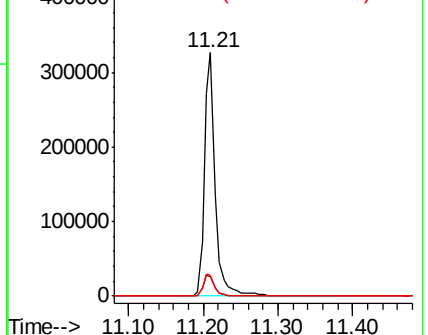
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.5	12.7#
80	8.6	9.2	13.8#

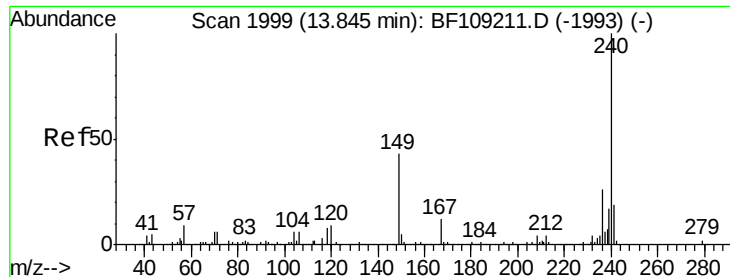


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109618.D

Acq: 5 Oct 2018 19:39

Instrument :

BNA_F

ClientSampleId :

T2-GRAVEL

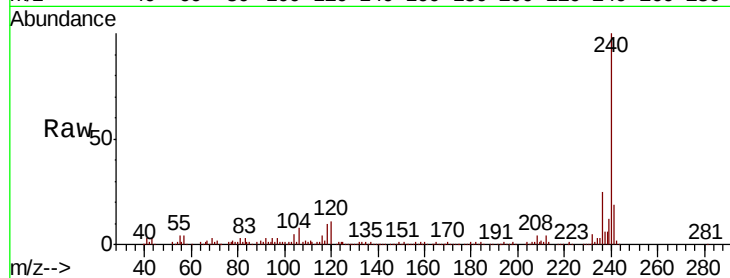
Tgt Ion:240 Resp: 198733

Ion Ratio Lower Upper

240 100

120 11.5 9.5 14.3

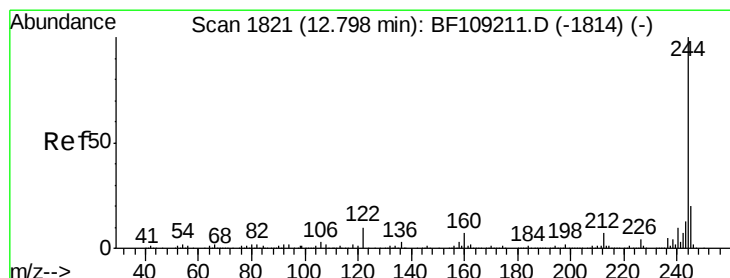
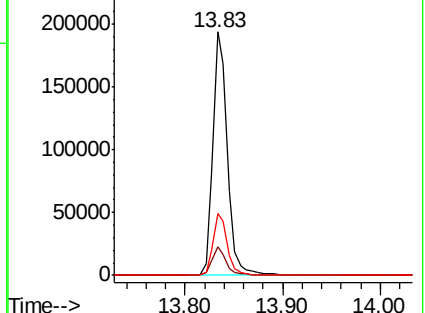
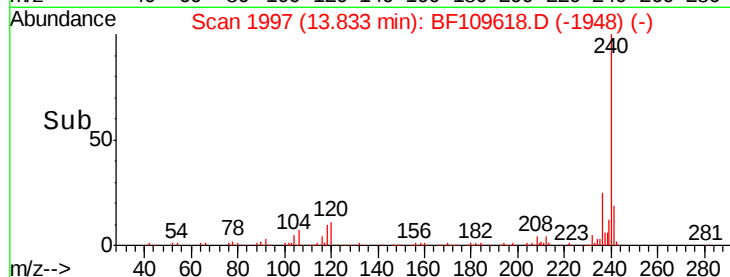
236 25.4 20.7 31.1



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: 61.164 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF109618.D

Acq: 5 Oct 2018 19:39

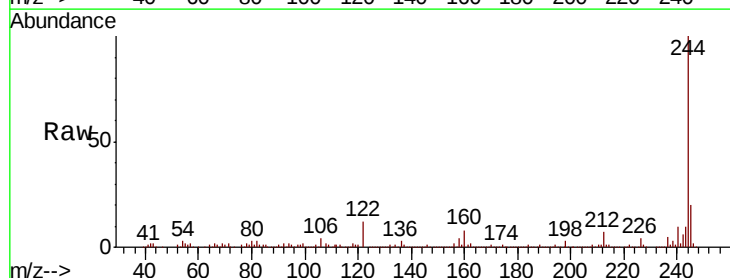
Tgt Ion:244 Resp: 495292

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

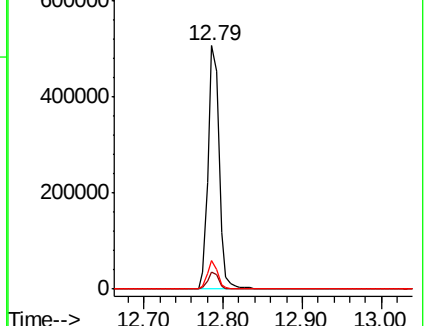
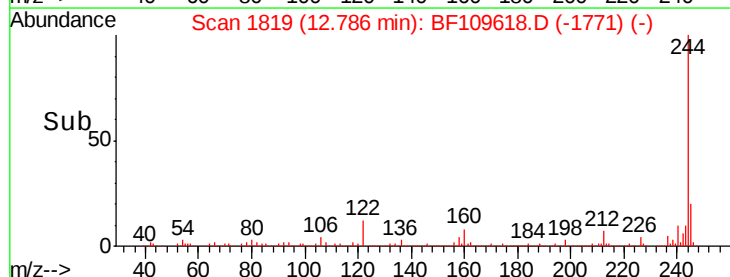
122 11.8 11.0 16.4

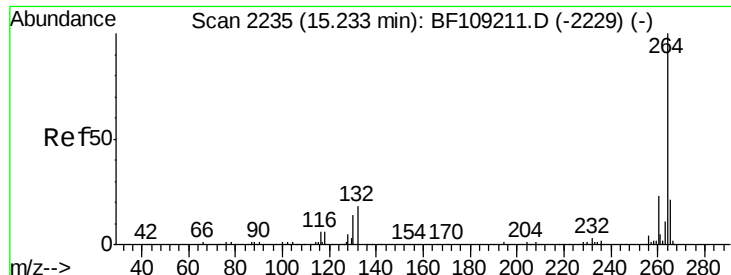


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.23 min Scan# 2235
Delta R.T. -0.01 min
Lab File: BF109618.D
Acq: 5 Oct 2018 19:39

Instrument :
BNA_F
ClientSampleId :
T2-GRAVEL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.2	17.5	26.3

