

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
 Data File : BF109470.D
 Acq On : 29 Sep 2018 9:55
 Operator : JU/SJ
 Sample : PB113313BL
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

Quant Time: Oct 01 03:11:58 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

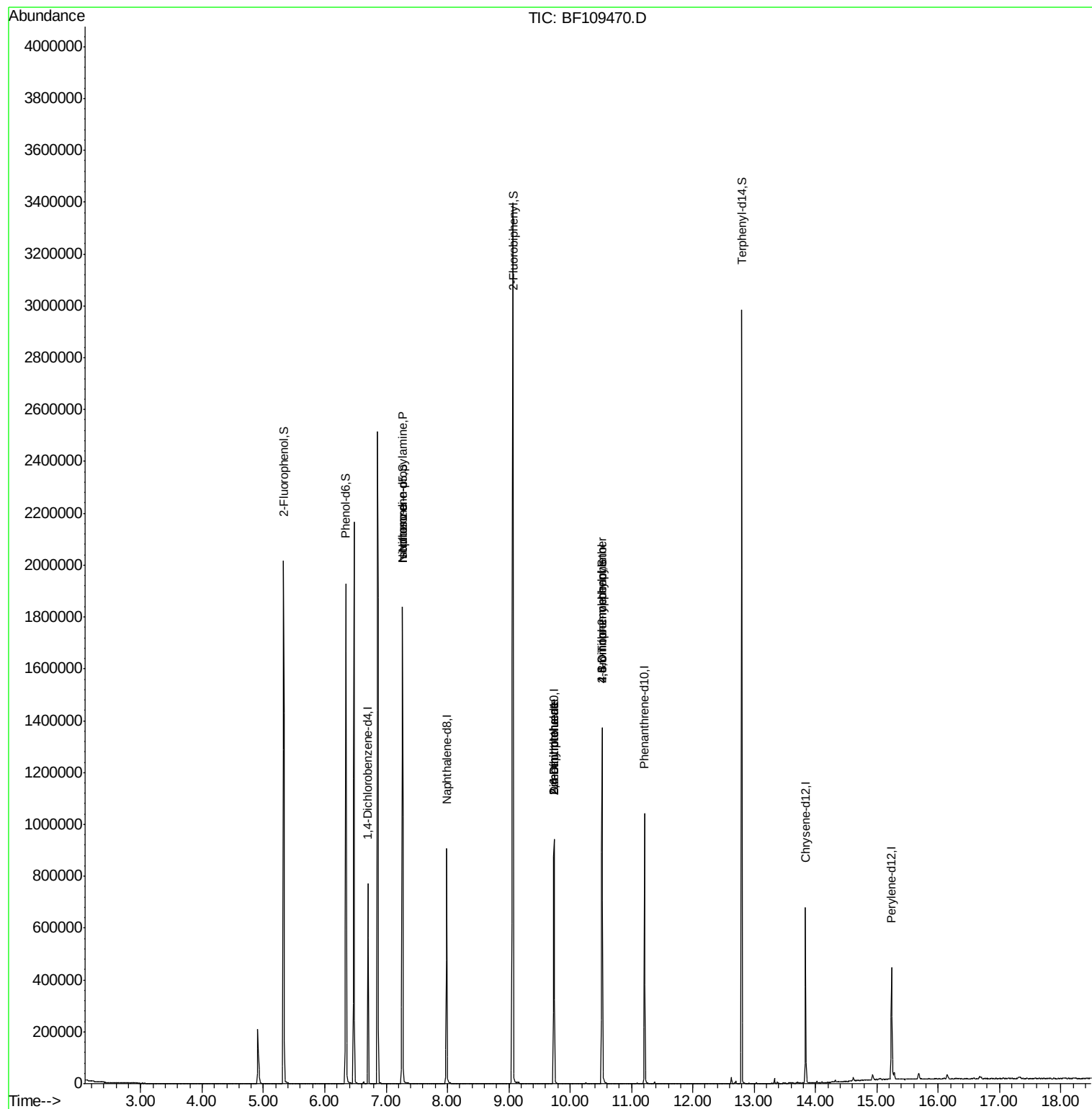
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	108965	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412355	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199034	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	374869	20.00	ng	0.00
75) Chrysene-d12	13.84	240	219936	20.00	ng	0.00
86) Perylene-d12	15.24	264	212044	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	568616	85.95	ng	0.01
7) Phenol-d6	6.35	99	735602	87.14	ng	-0.01
23) Nitrobenzene-d5	7.27	82	663195	94.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162055	82.59	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1196133	90.64	ng	0.00
78) Terphenyl-d14	12.80	244	1108241	123.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	89876	16.248	ng	# 77
25) Isophorone	7.27	82	614192	48.828	ng	# 64
49) Dimethylphthalate	9.74	163	57648	3.982	ng	# 1
50) 2,6-Dinitrotoluene	9.73	165	25043	8.735	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	25043	6.903	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	257	6.668	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9746	2.341	ng	# 1

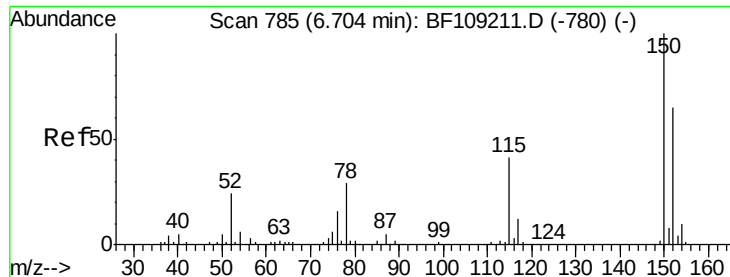
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092818\
Data File : BF109470.D
Acq On : 29 Sep 2018 9:55
Operator : JU/SJ
Sample : PB113313BL
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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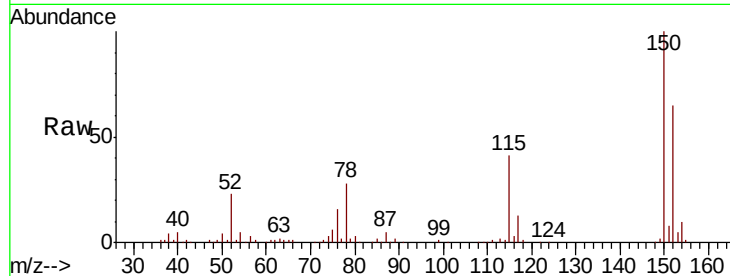


#1

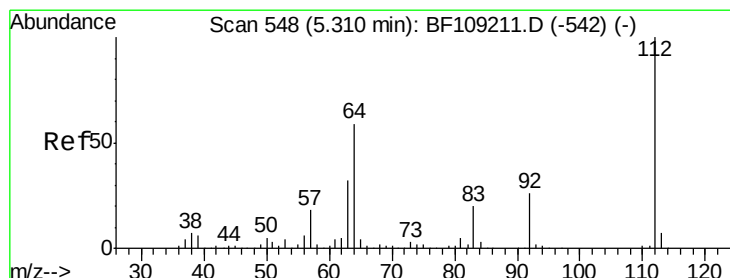
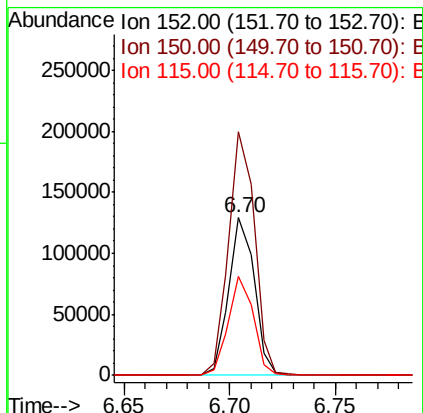
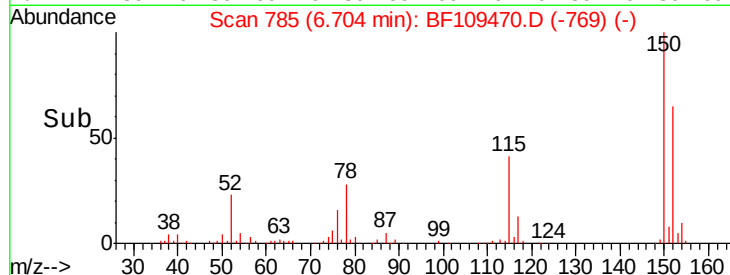
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Instrument :
BNA_F
ClientSampleId :
PB113313BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.4	124.6	186.8
115	62.7	50.1	75.1



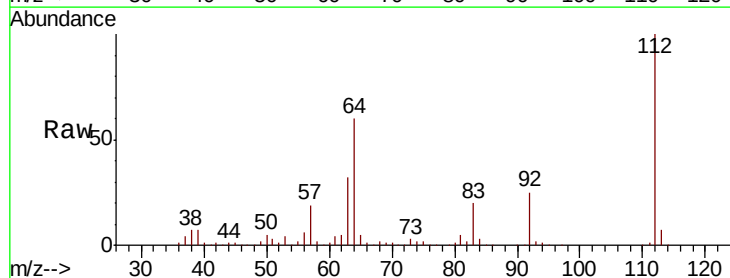
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



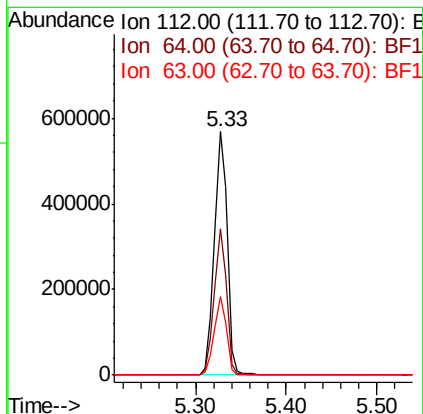
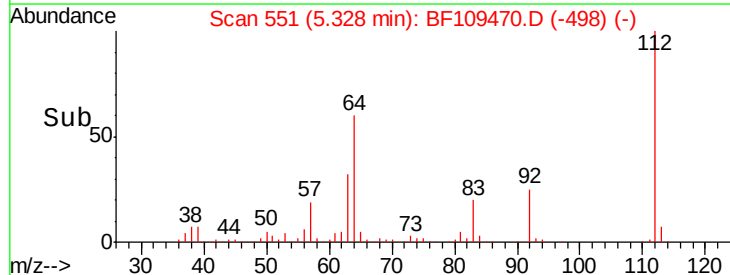
#5

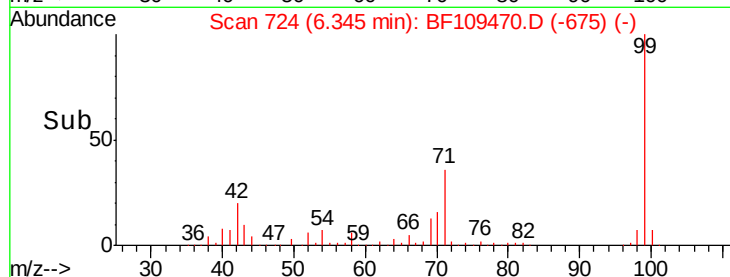
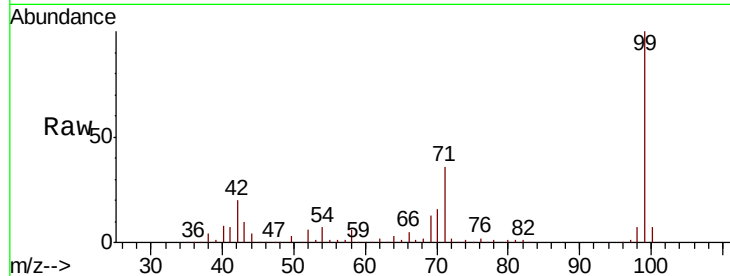
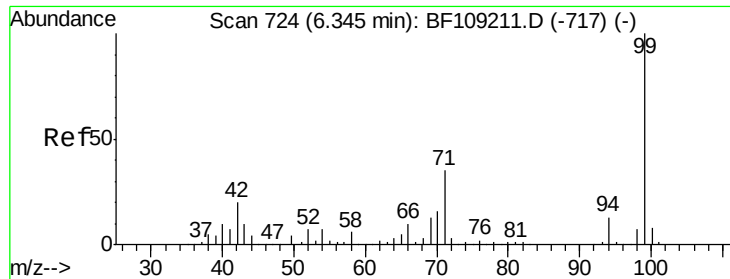
2-Fluorophenol
Concen: 85.950 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	47.9	71.9
63	32.1	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

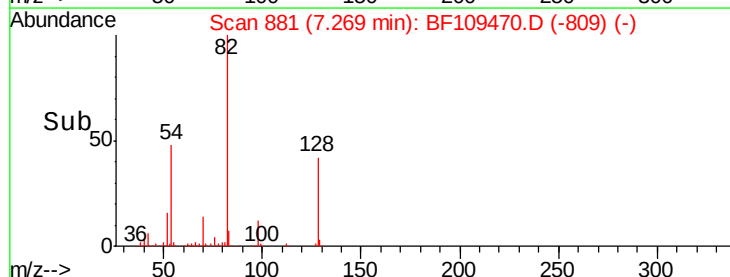
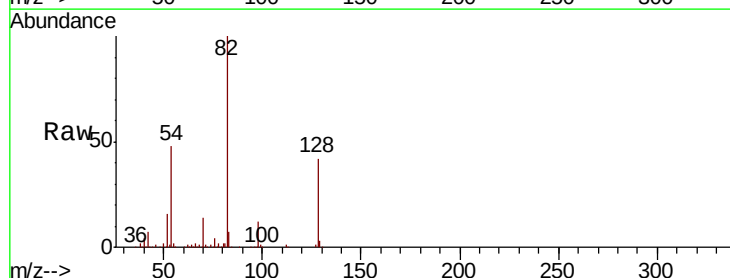
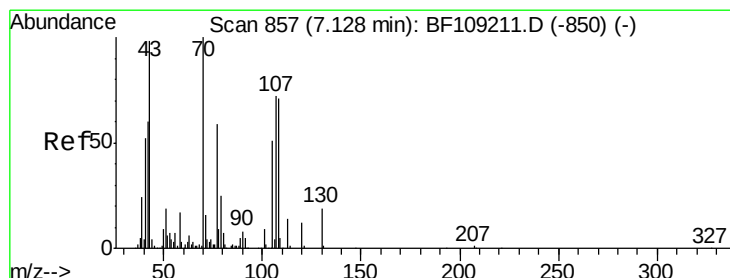
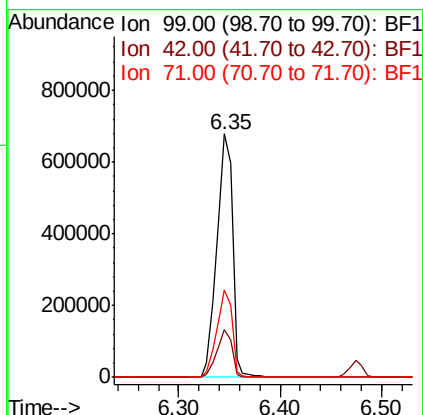




#7
 Phenol-d6
 Concen: 87.138 ng
 RT: 6.35 min Scan# 724
 Delta R.T. -0.01 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

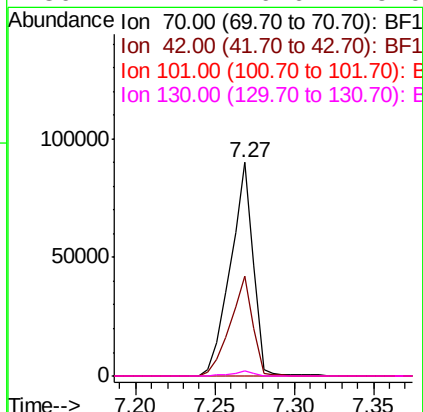
Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

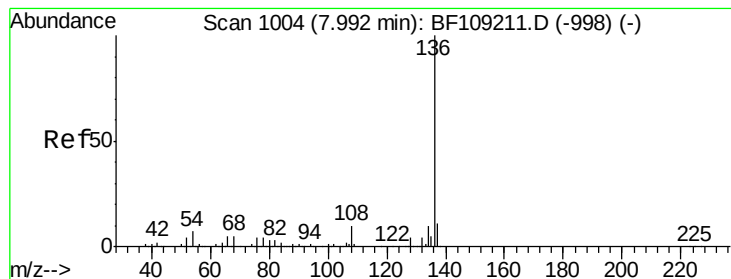
Tgt Ion: 99 Resp: 735602
 Ion Ratio Lower Upper
 99 100
 42 19.7 14.5 21.7
 71 36.0 25.4 38.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 16.248 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.12 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Tgt Ion: 70 Resp: 89876
 Ion Ratio Lower Upper
 70 100
 42 46.9 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.1 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

PB113313BL

Tgt Ion: 136 Resp: 412355

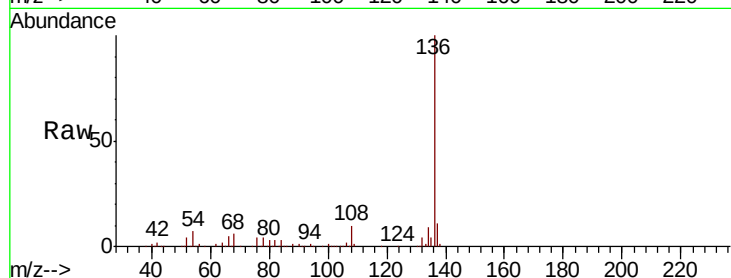
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.6 9.8

68 5.6 5.0 7.4

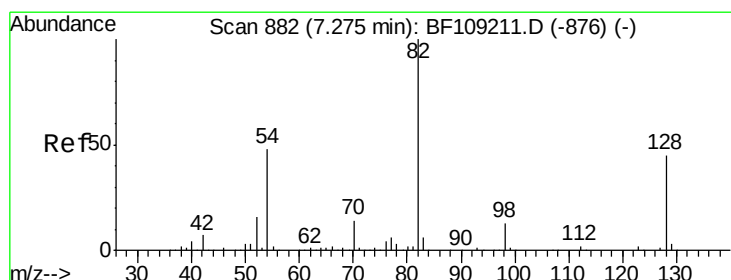
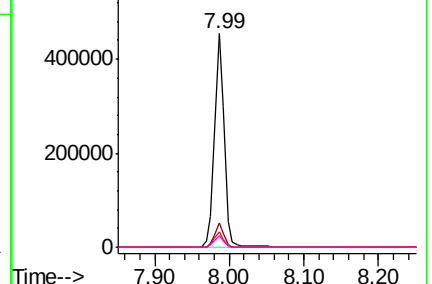
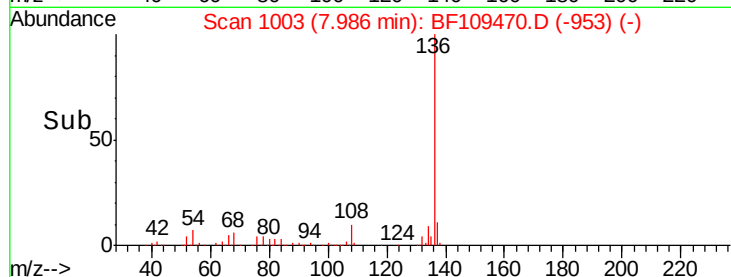


Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.941 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

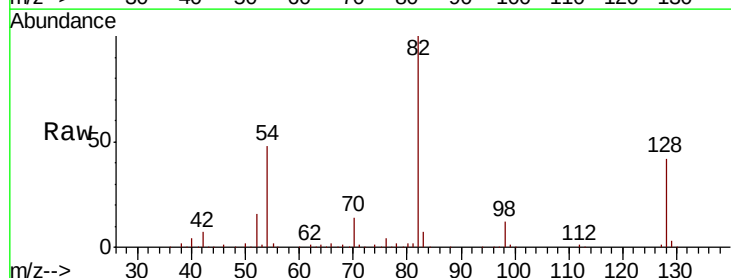
Tgt Ion: 82 Resp: 663195

Ion Ratio Lower Upper

82 100

128 42.2 36.1 54.1

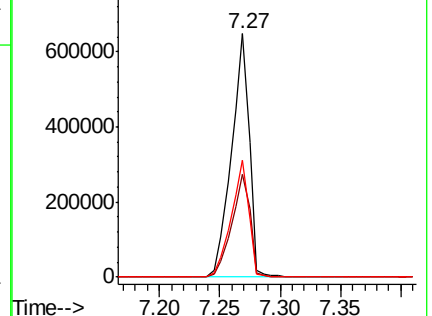
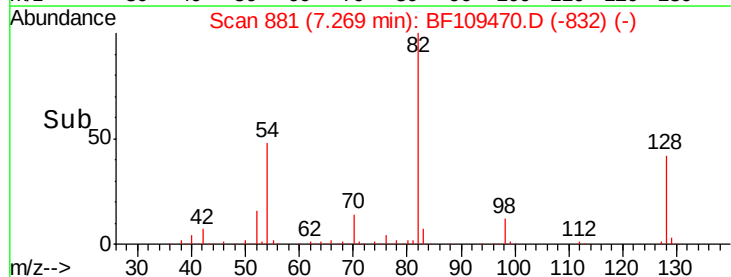
54 48.1 41.4 62.2

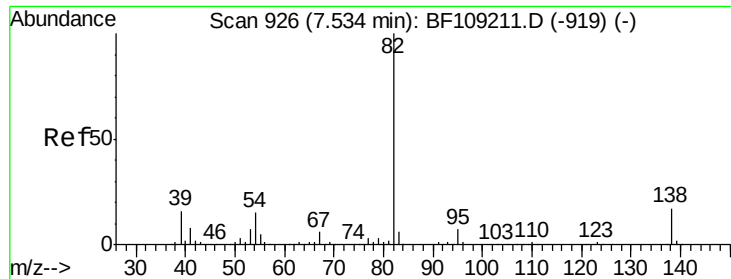


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

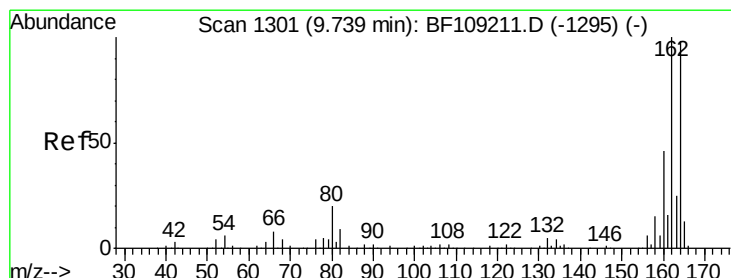
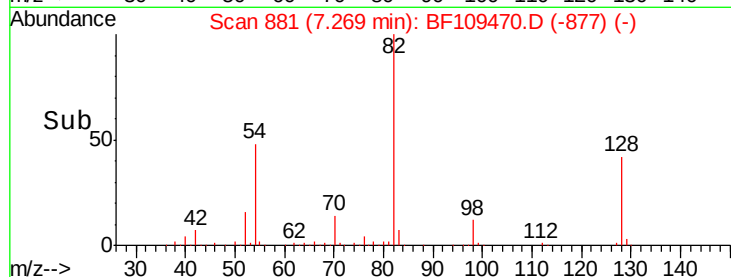
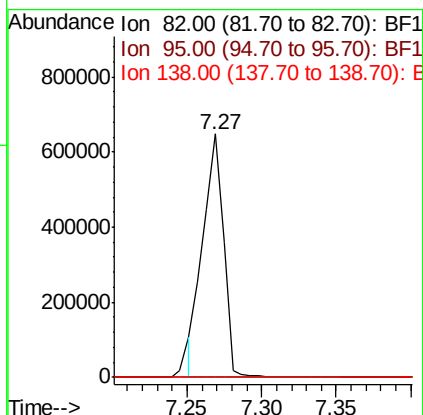
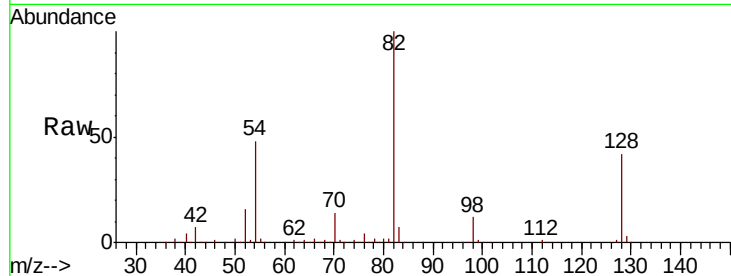




#25
Isophorone
Concen: 48.828 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

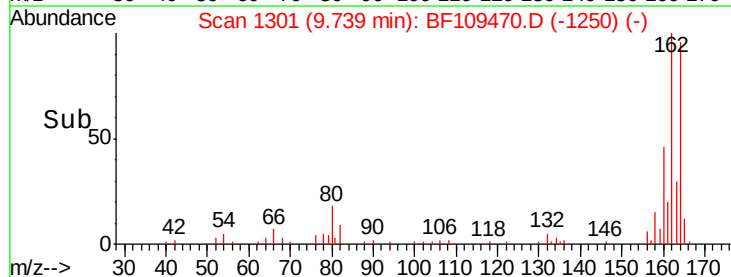
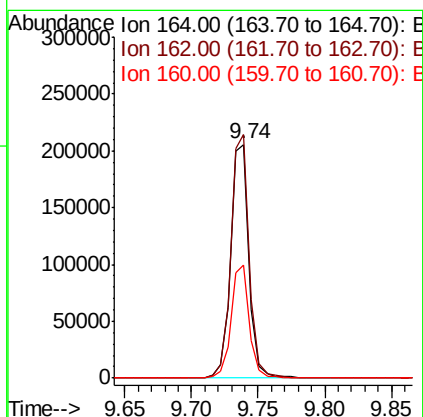
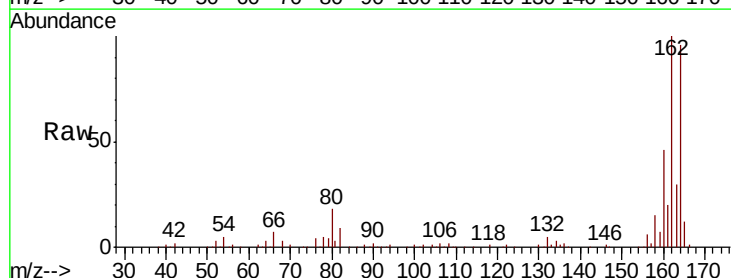
Instrument :
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PB113313BL

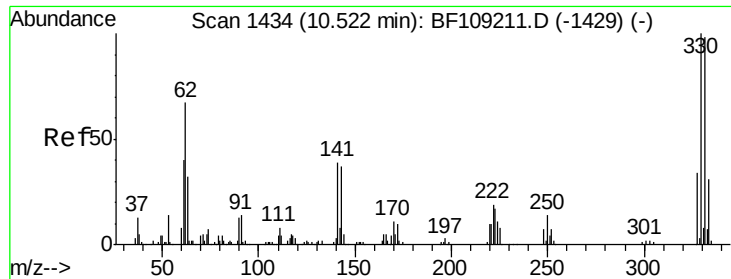
Tgt Ion: 82 Resp: 614192
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Tgt Ion: 164 Resp: 199034
Ion Ratio Lower Upper
164 100
162 104.2 86.1 129.1
160 48.2 38.3 57.5

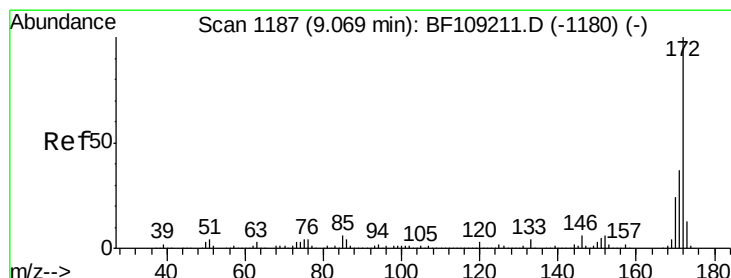
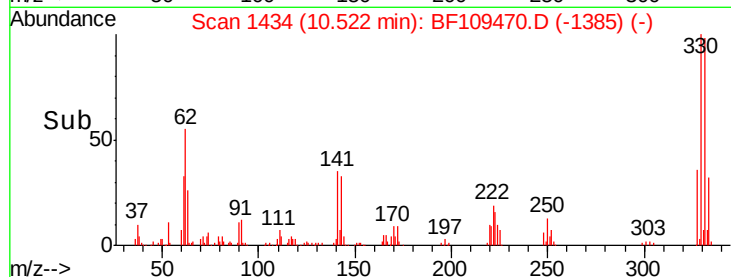
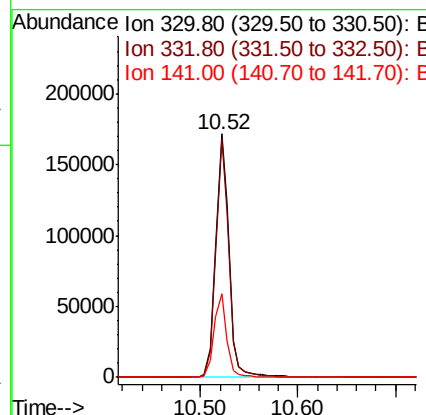
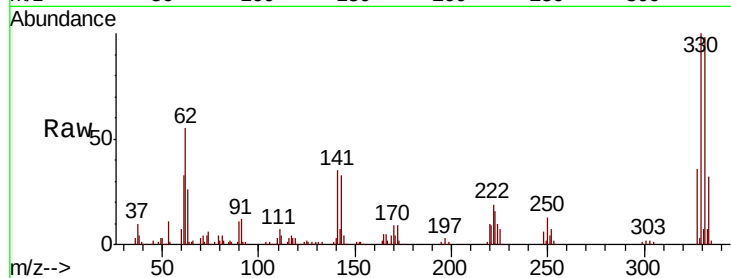




#41
 2,4,6-Tribromophenol
 Concen: 82.594 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

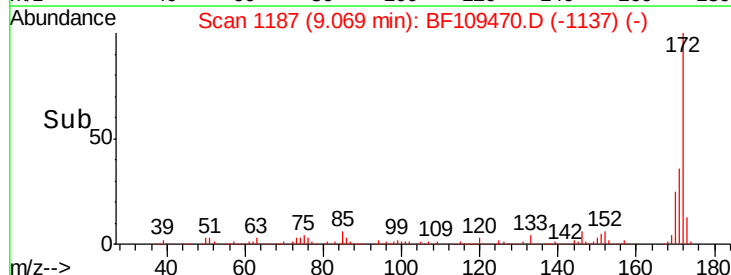
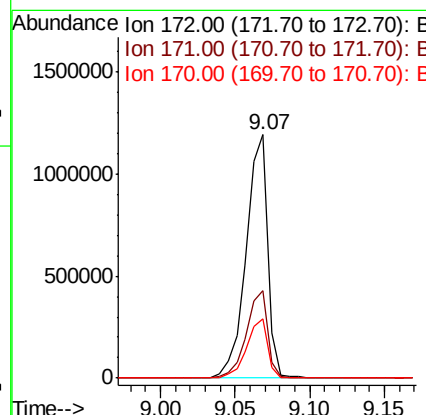
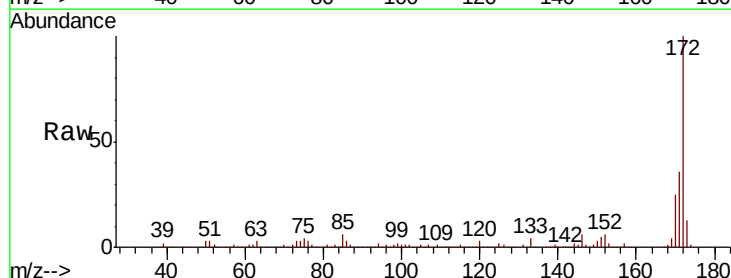
Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

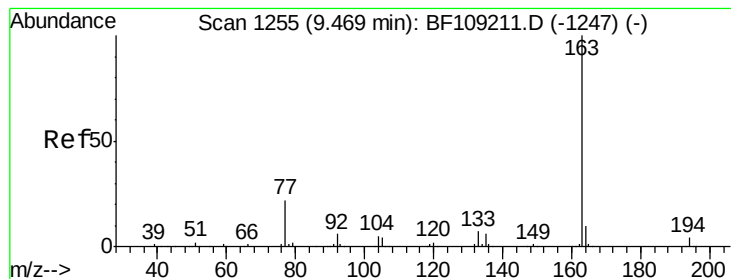
Tgt Ion: 330 Resp: 162055
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 33.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 90.638 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Tgt Ion: 172 Resp: 1196133
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.7 44.5
 170 24.6 19.6 29.4





#49

Dimethylphthalate

Concen: 3.982 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.26 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

PB113313BL

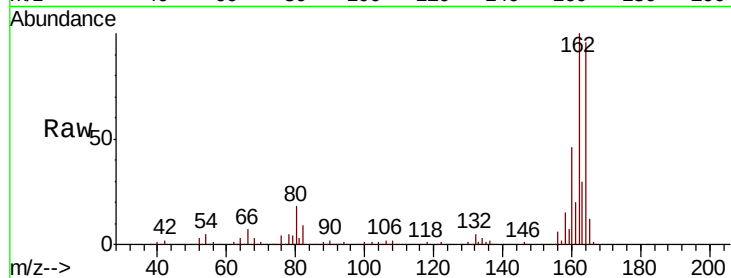
Tgt Ion:163 Resp: 57648

Ion Ratio Lower Upper

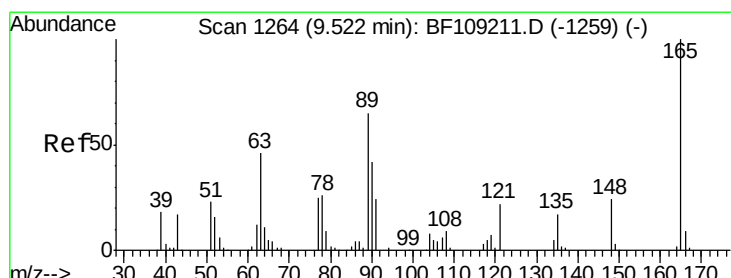
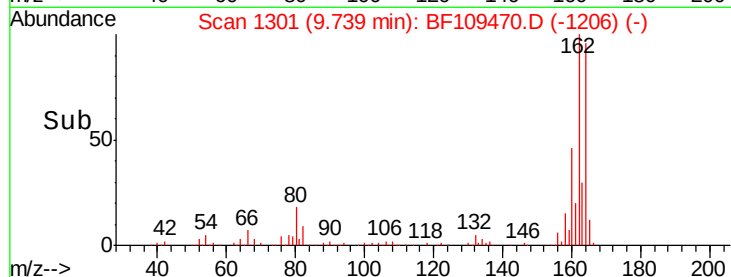
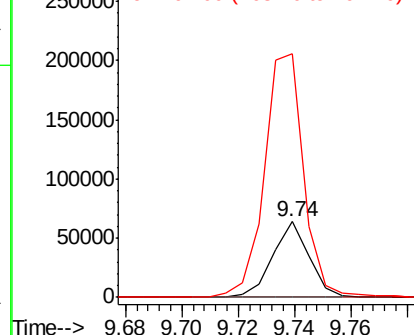
163 100

194 0.0 2.7 4.1#

164 320.9 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



#50

2,6-Dinitrotoluene

Concen: 8.735 ng

RT: 9.73 min Scan# 1300

Delta R.T. 0.20 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

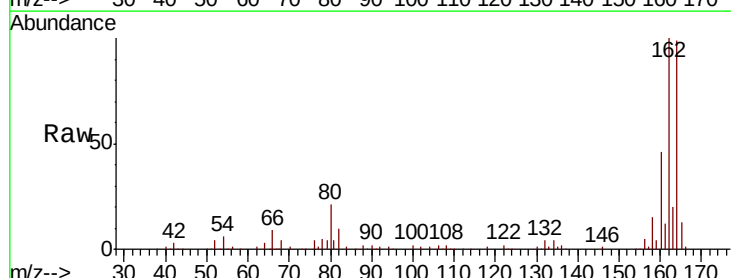
Tgt Ion:165 Resp: 25043

Ion Ratio Lower Upper

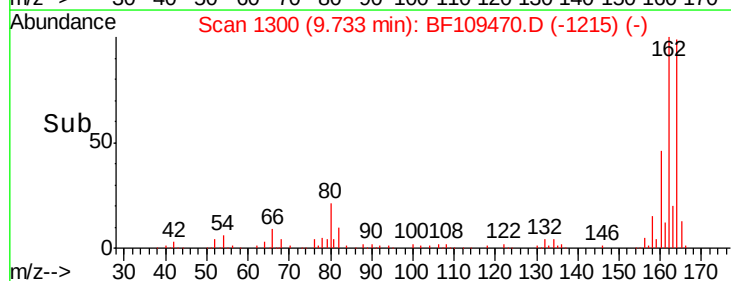
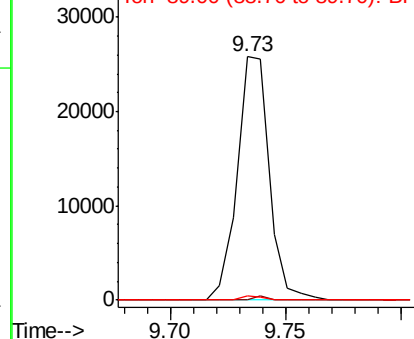
165 100

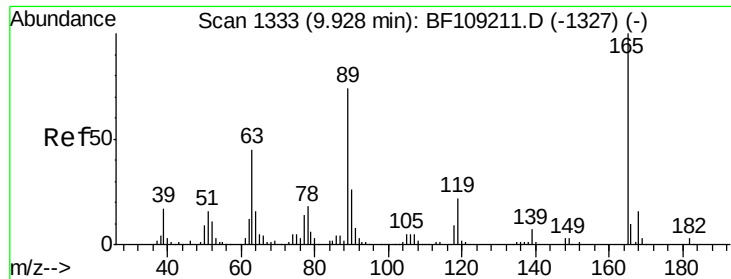
63 0.0 44.7 67.1#

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

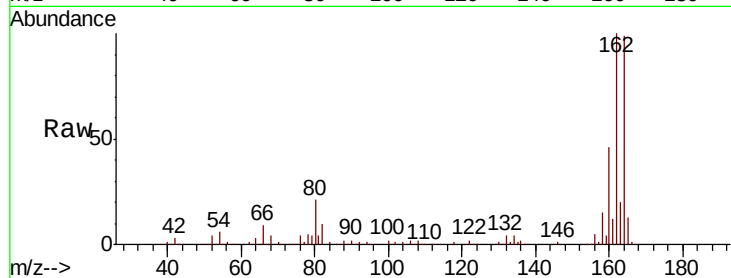




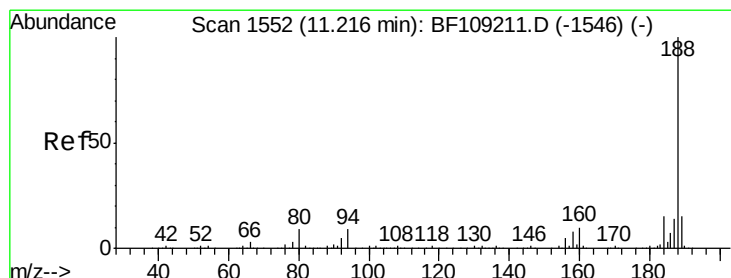
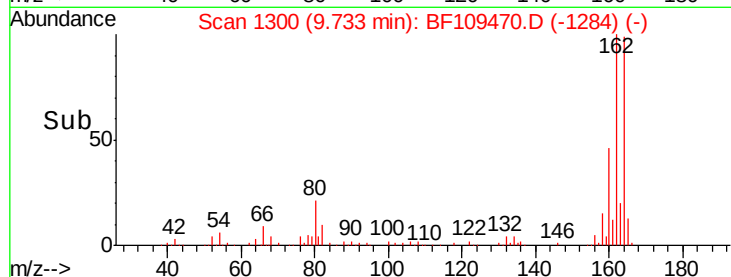
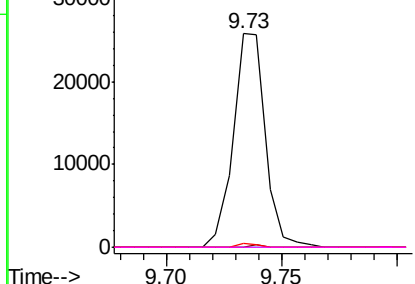
#56
 2,4-Dinitrotoluene
 Concen: 6.903 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Instrument :
 BNA_F
 ClientSampleId :
 PB113313BL

Tgt Ion:	165	Resp:	25043
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

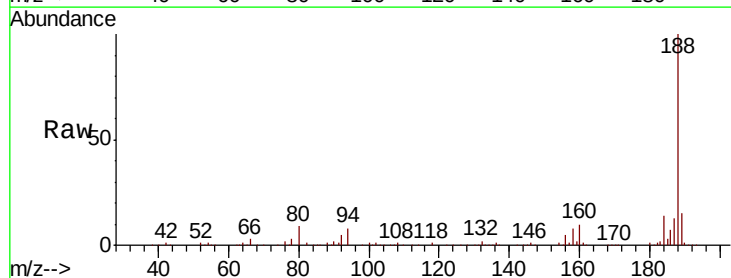


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

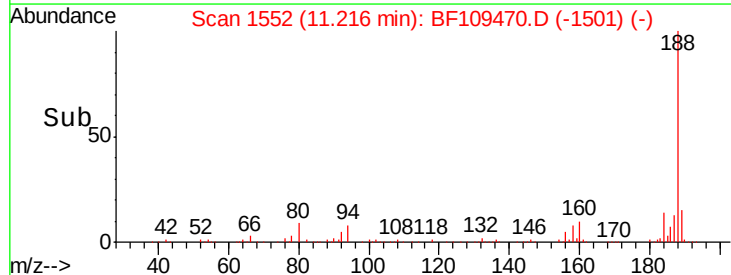
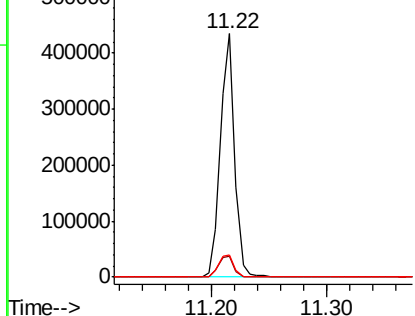


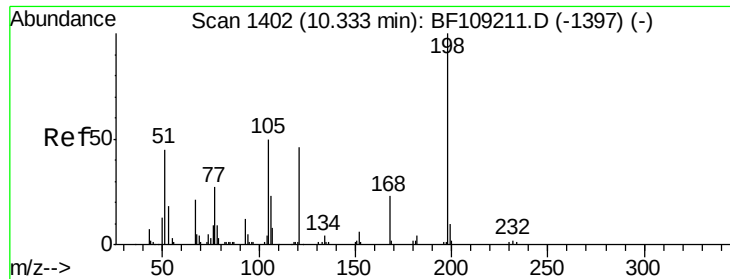
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109470.D
 Acq: 29 Sep 2018 9:55

Tgt Ion:	188	Resp:	374869
Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.5	12.7#
80	9.0	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

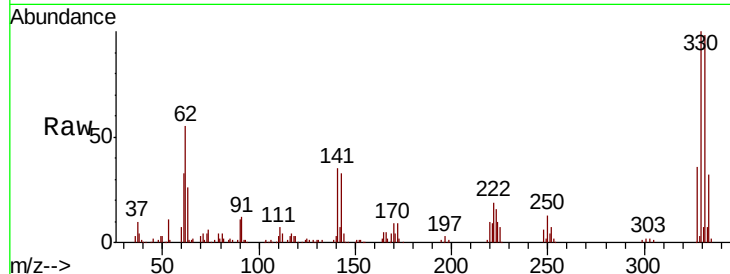




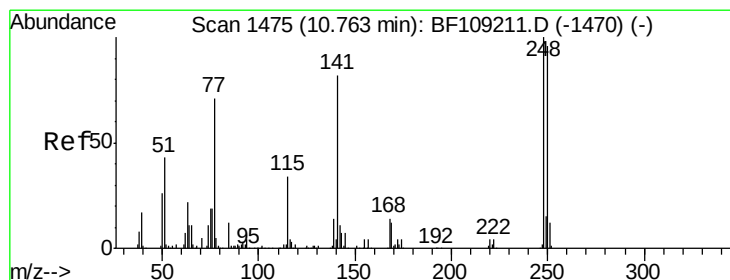
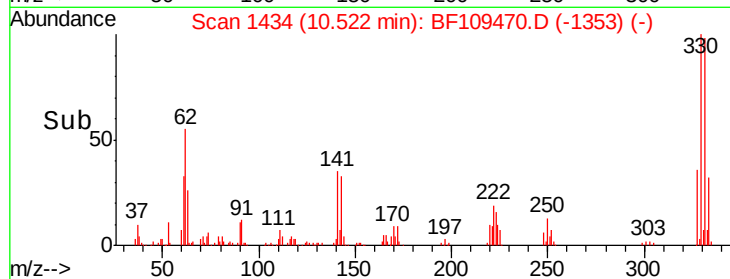
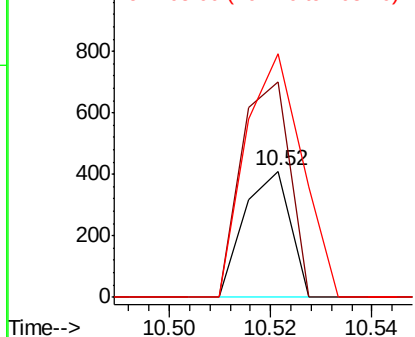
#64
4,6-Dinitro-2-methylphenol
Concen: 6.668 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Instrument :
BNA_F
ClientSampleId :
PB113313BL

Tgt Ion:198 Resp: 257
Ion Ratio Lower Upper
198 100
51 170.5 37.7 77.7#
105 193.2 36.3 76.3#

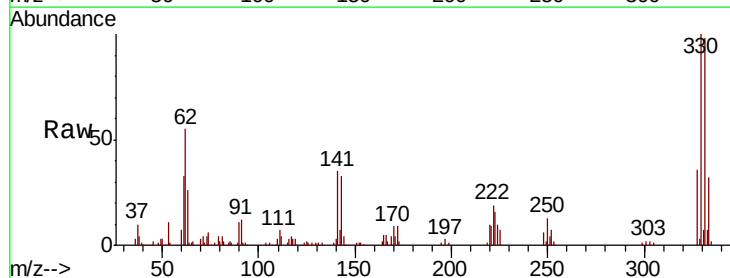


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

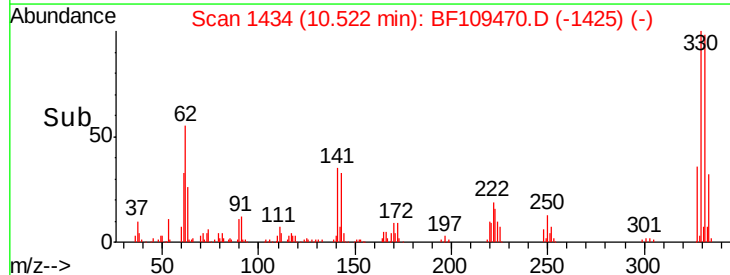
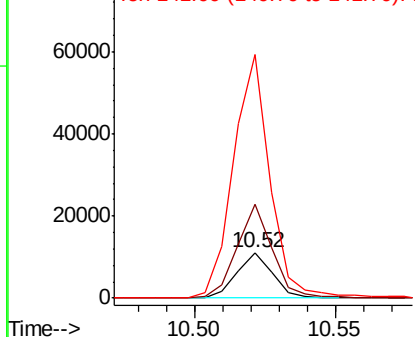


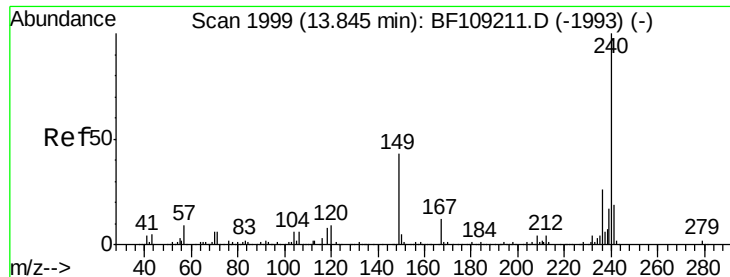
#66
4-Bromophenyl-phenylether
Concen: 2.341 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Tgt Ion:248 Resp: 9746
Ion Ratio Lower Upper
248 100
250 203.7 76.9 115.3#
141 531.4 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: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

Instrument :

BNA_F

ClientSampleId :

PB113313BL

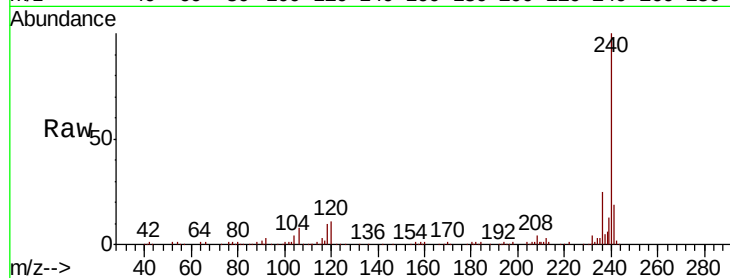
Tgt Ion:240 Resp: 219936

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

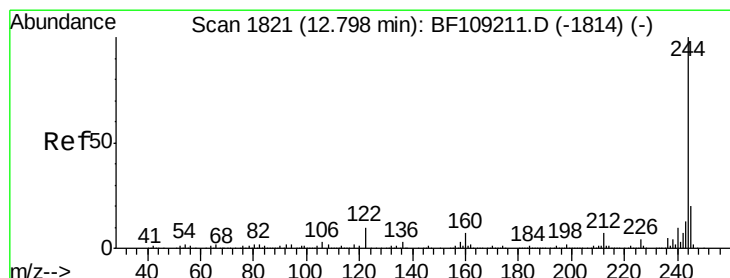
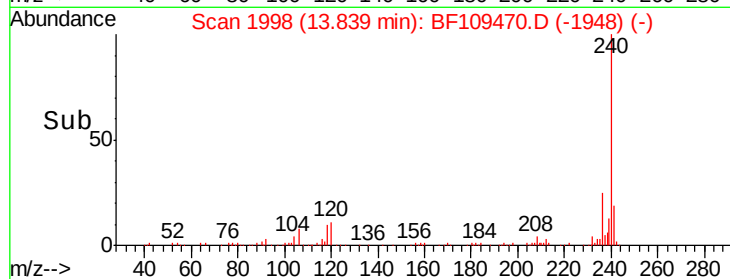
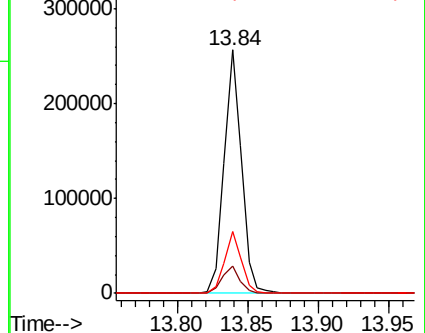
236 25.4 20.7 31.1



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: 123.663 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109470.D

Acq: 29 Sep 2018 9:55

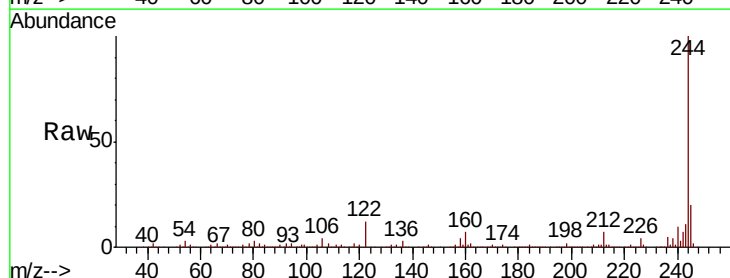
Tgt Ion:244 Resp: 1108241

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

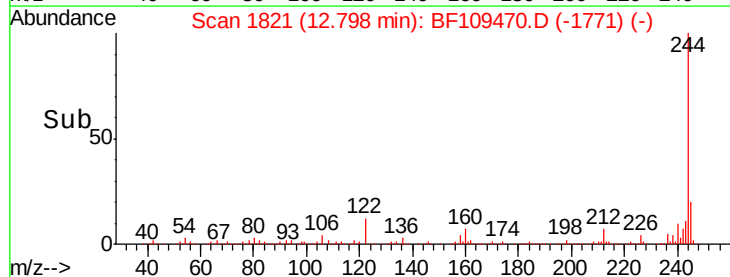
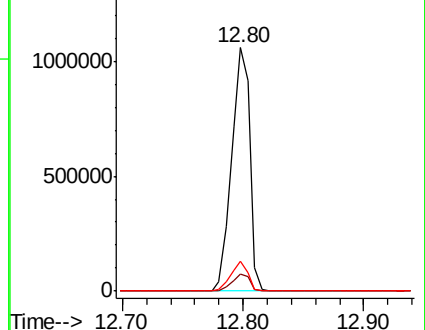
122 12.4 11.0 16.4

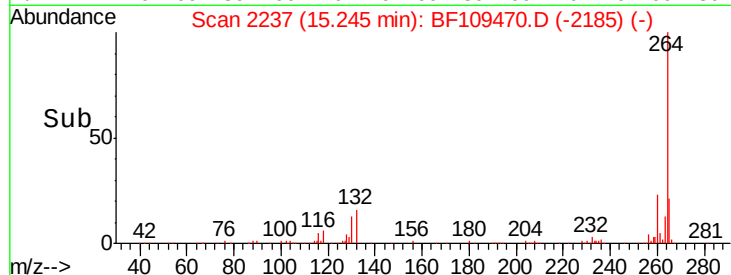
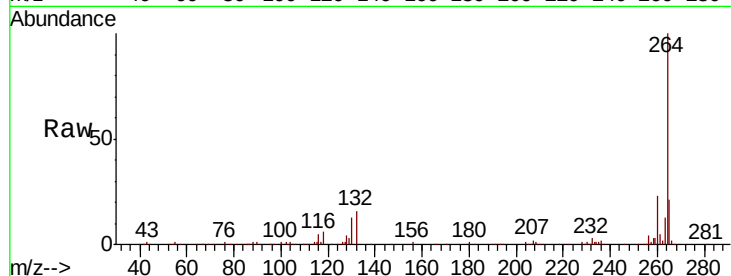
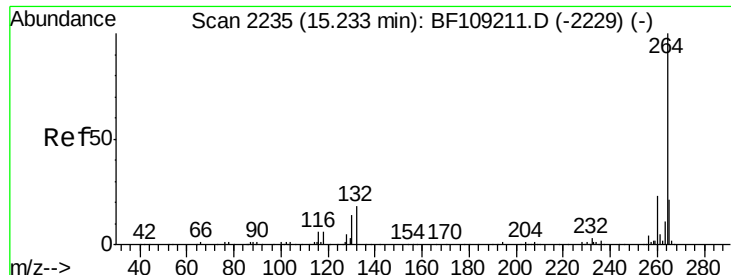


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.24 min Scan# 2237
Delta R.T. 0.01 min
Lab File: BF109470.D
Acq: 29 Sep 2018 9:55

Instrument :
BNA_F
ClientSampleId :
PB113313BL

Tgt Ion:	264	Resp:	212044
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.3	17.5	26.3

