

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
 Data File : BF109424.D
 Acq On : 28 Sep 2018 10:05
 Operator : JU/SJ
 Sample : J5133-04
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 11:55:11 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	113689	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	419654	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	191895	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	300629	20.00	ng	0.00
75) Chrysene-d12	13.84	240	248167	20.00	ng	0.00
86) Perylene-d12	15.24	264	209833	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	283429	41.06	ng	0.00
7) Phenol-d6	6.34	99	239107	27.15	ng	-0.02
23) Nitrobenzene-d5	7.27	82	739288	103.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162021	85.65	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	1283424	100.87	ng	0.00
78) Terphenyl-d14	12.80	244	928225	91.79	ng	0.00

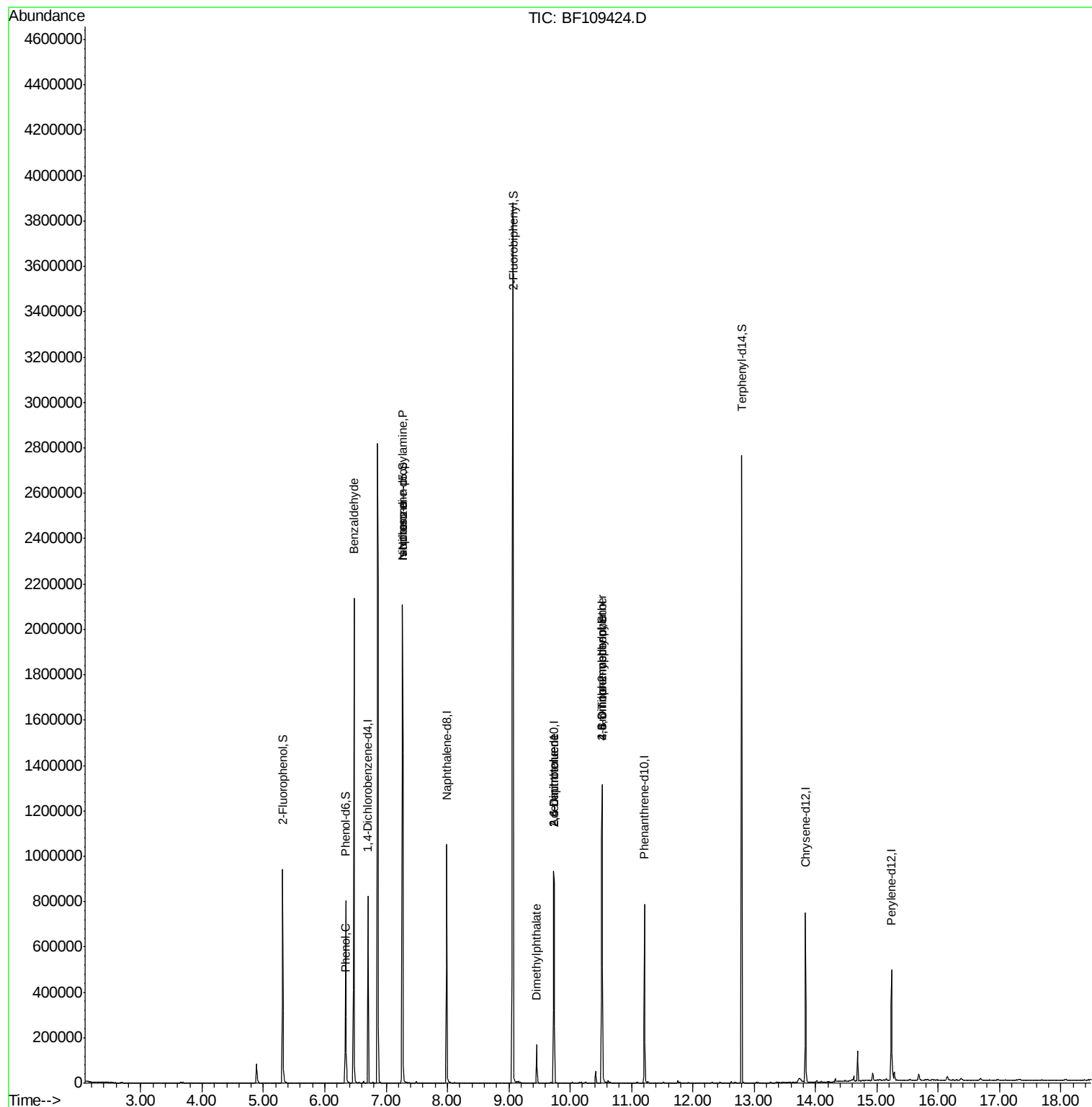
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.47	77	12198	2.156	ng	# 75
10) Phenol	6.35	94	25376	2.544	ng	# 98
19) n-Nitroso-di-n-propylamine	7.27	70	100460	17.407	ng	# 79
25) Isophorone	7.27	82	709770	55.445	ng	# 64
49) Dimethylphthalate	9.46	163	71883	5.150	ng	# 99
50) 2,6-Dinitrotoluene	9.73	165	23539	8.515	ng	# 25
56) 2,4-Dinitrotoluene	9.73	165	23539	6.730	ng	# 22
64) 4,6-Dinitro-2-methylphenol	10.52	198	277	6.719	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	9609	2.878	ng	# 1

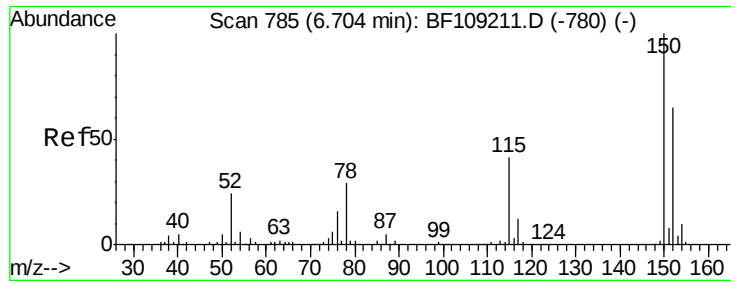
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092718\
Data File : BF109424.D
Acq On : 28 Sep 2018 10:05
Operator : JU/SJ
Sample : J5133-04
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 28 11:55:11 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



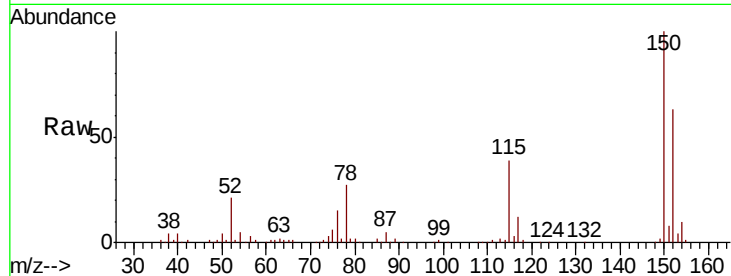


#1

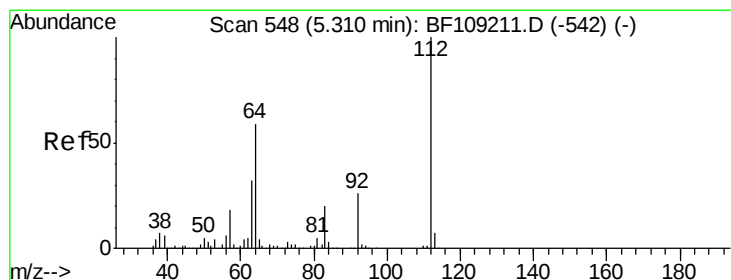
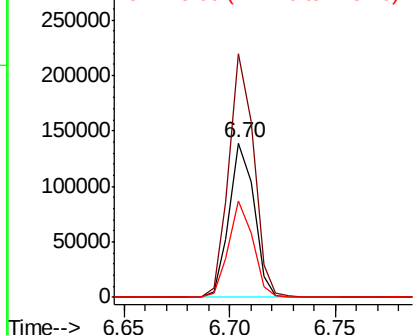
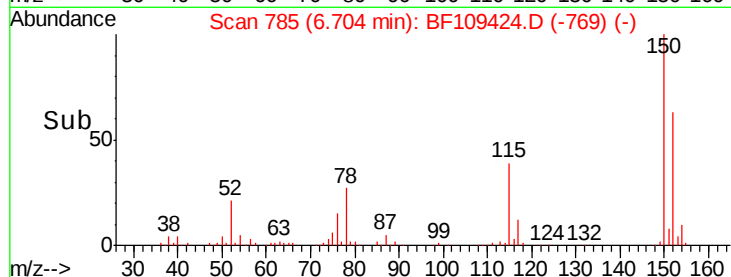
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109424.D
Acq: 28 Sep 2018 10:05

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 113689
Ion Ratio Lower Upper
152 100
150 158.1 124.6 186.8
115 62.2 50.1 75.1



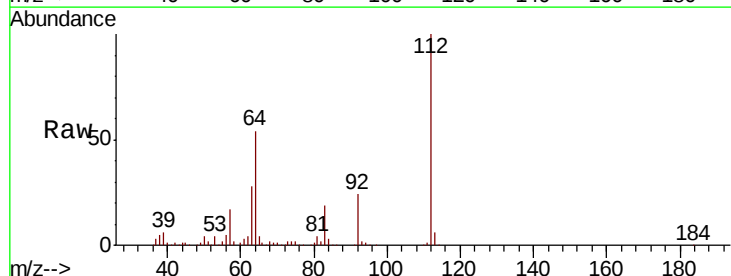
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



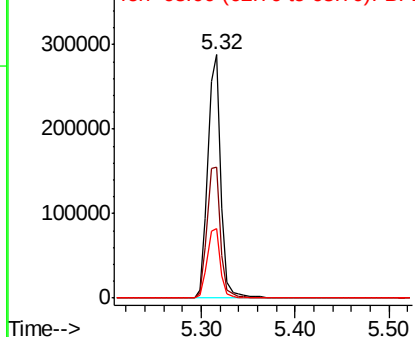
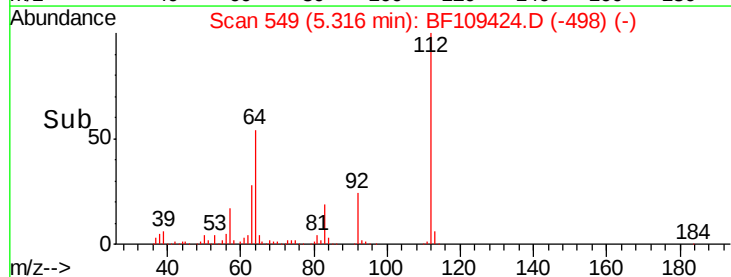
#5

2-Fluorophenol
Concen: 41.062 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109424.D
Acq: 28 Sep 2018 10:05

Tgt Ion:112 Resp: 283429
Ion Ratio Lower Upper
112 100
64 53.6 47.9 71.9
63 28.4 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: 27.147 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

Instrument :

BNA_F

ClientSampleId :

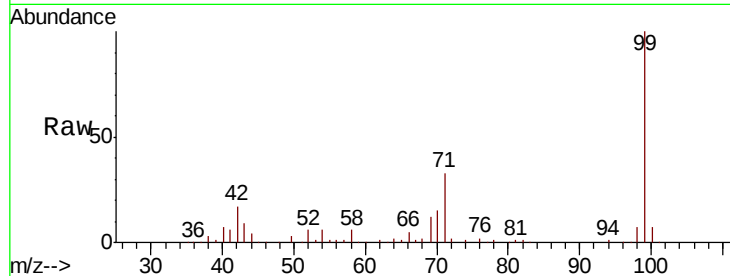
Tot Ion: 99 Resp: 239107

Ion Ratio Lower Upper

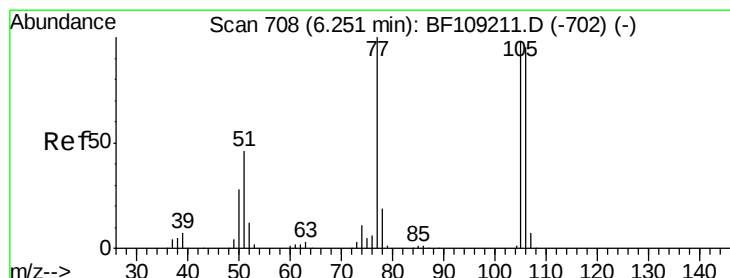
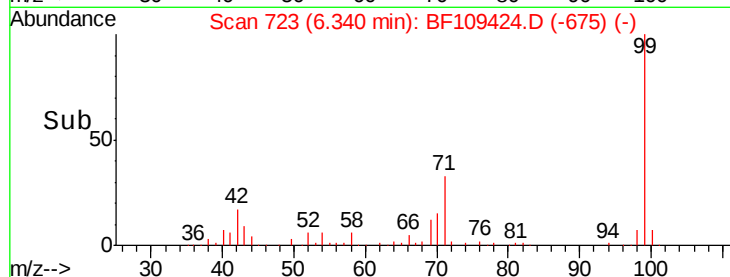
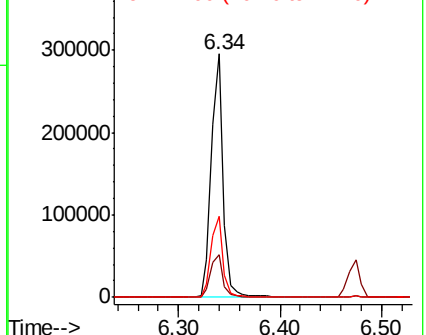
99 100

42 17.4 14.5 21.7

71 33.5 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



#9

Benzaldehyde

Concen: 2.156 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.22 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

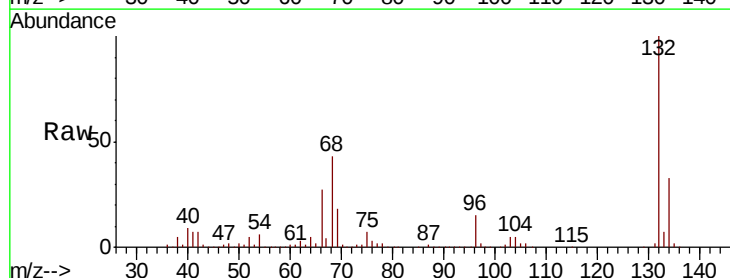
Tgt Ion: 77 Resp: 12198

Ion Ratio Lower Upper

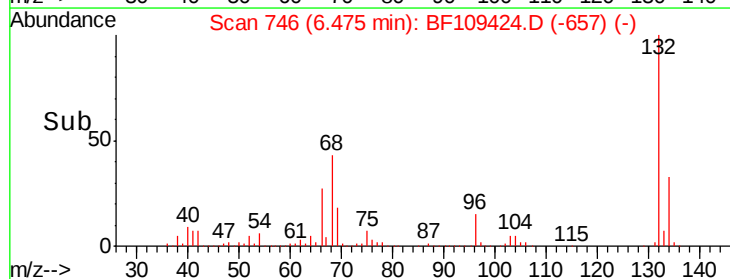
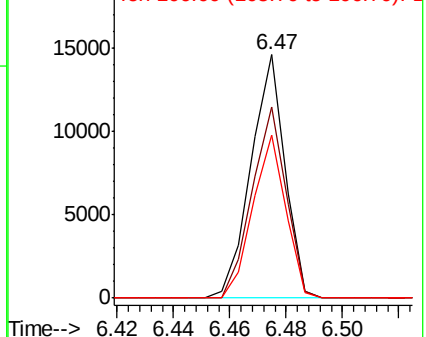
77 100

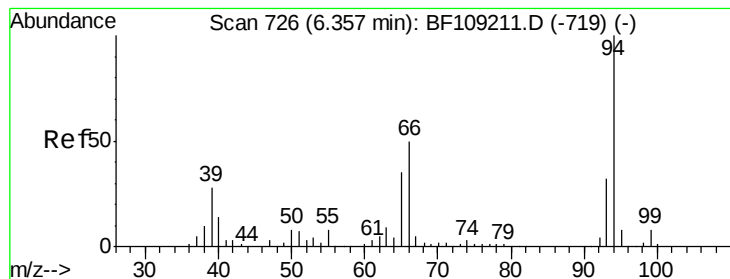
105 78.2 81.1 121.1#

106 67.0 74.5 114.5#



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.544 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.02 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

Instrument :

BNA_F

ClientSampleId :

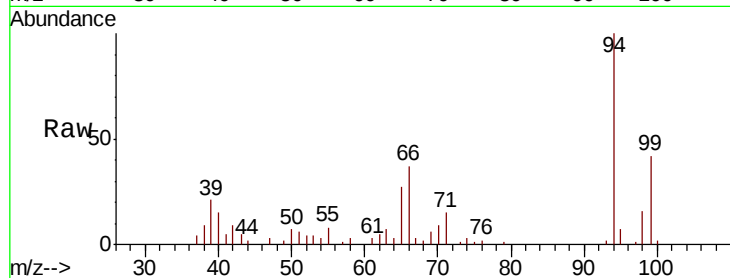
Tot Ion: 94 Resp: 25376

Ion Ratio Lower Upper

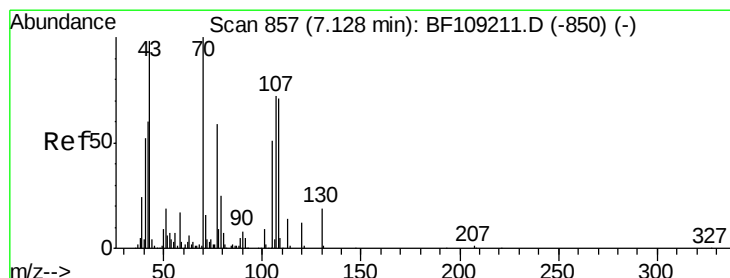
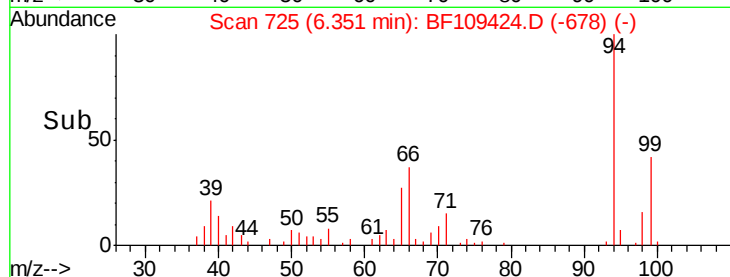
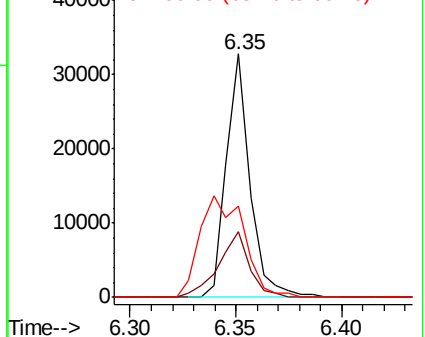
94 100

65 26.8 7.9 47.9

66 37.4 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 17.407 ng

RT: 7.27 min Scan# 881

Delta R.T. 0.12 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

Tgt Ion: 70 Resp: 100460

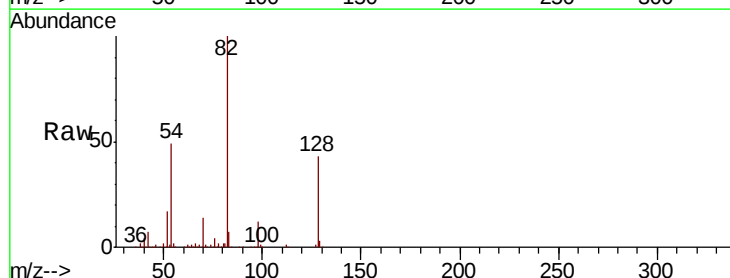
Ion Ratio Lower Upper

70 100

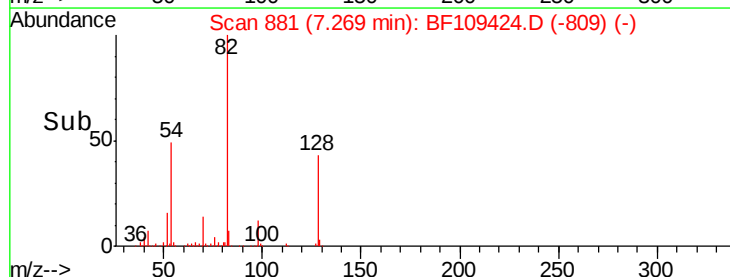
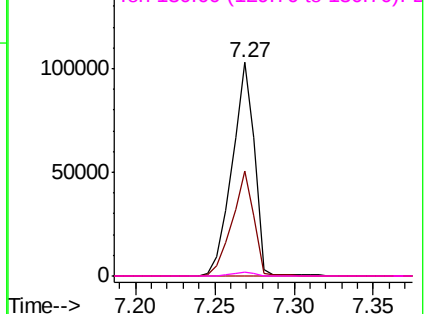
42 49.0 47.5 71.3

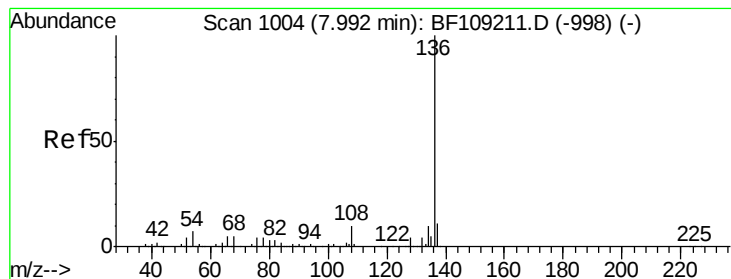
101 0.0 7.4 11.2#

130 1.7 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 419654

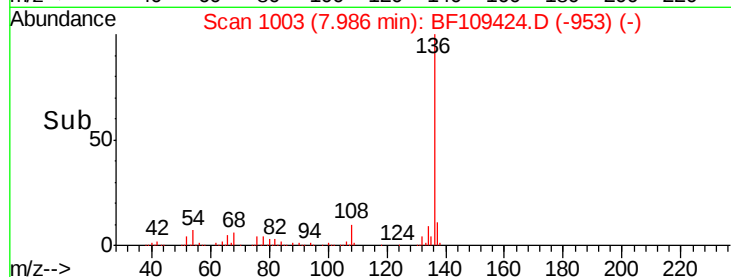
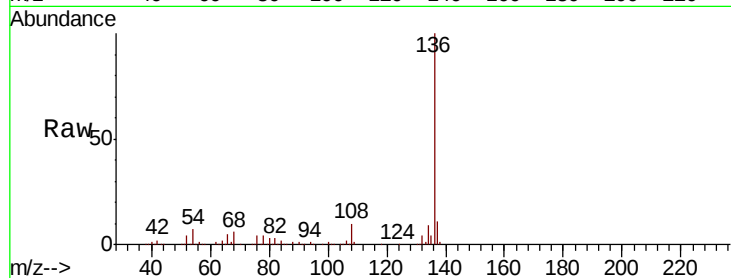
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.0 6.6 9.8

68 5.7 5.0 7.4

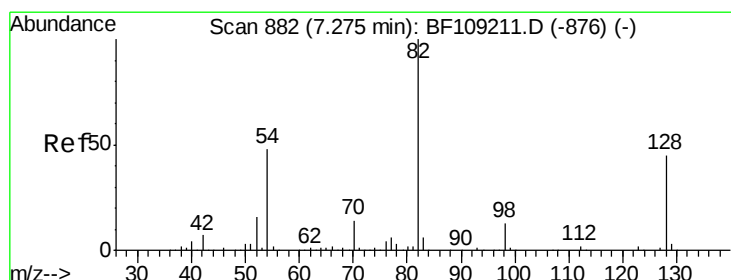
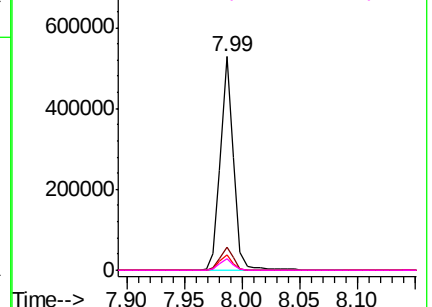


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.994 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

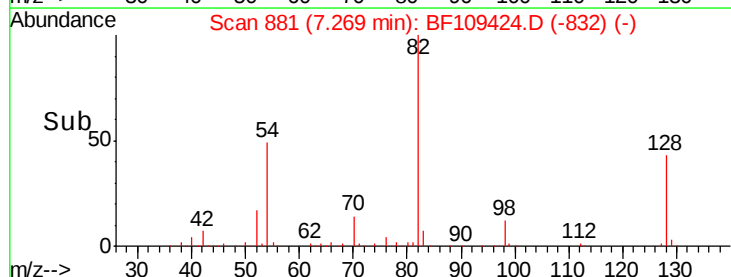
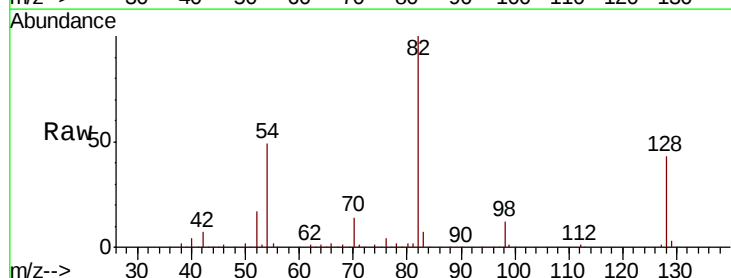
Tgt Ion: 82 Resp: 739288

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

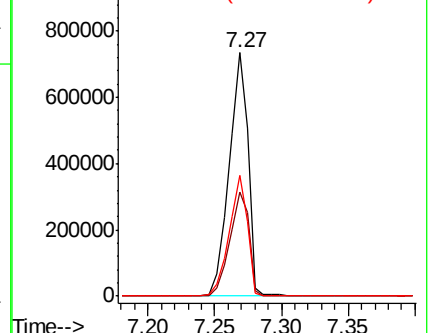
54 49.3 41.4 62.2

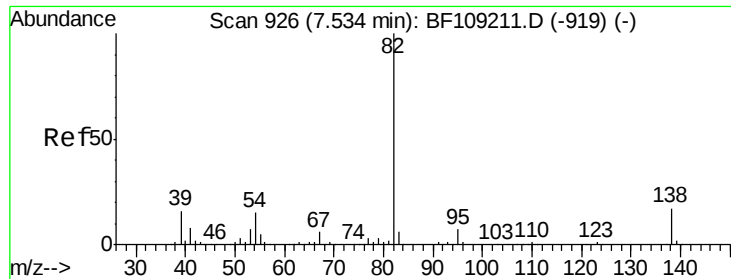


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 55.445 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

Instrument :

BNA_F

ClientSampleId :

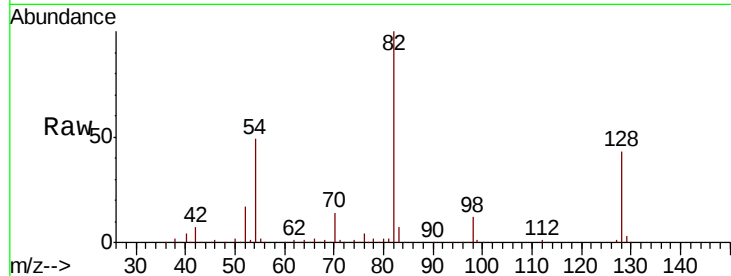
Tot Ion: 82 Resp: 709770

Ion Ratio Lower Upper

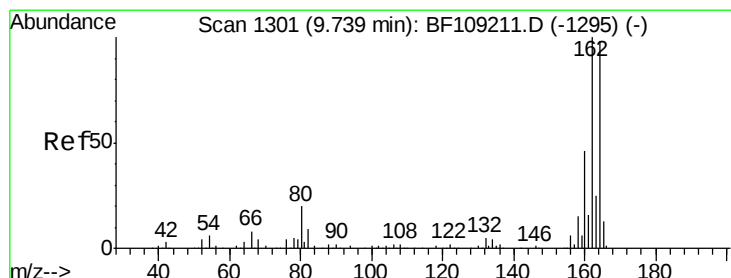
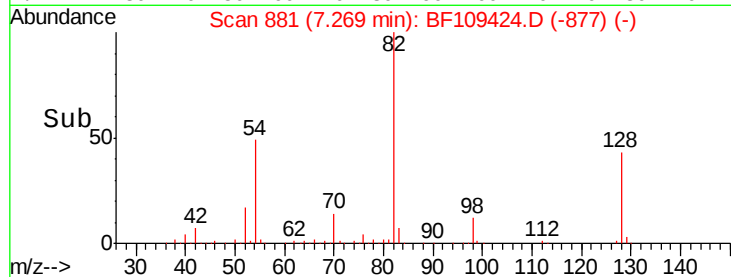
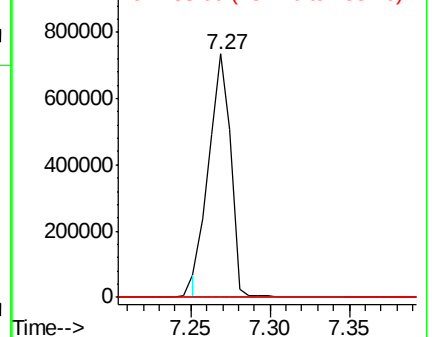
82 100

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: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

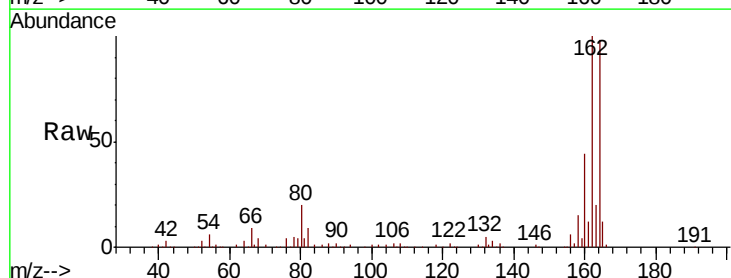
Tgt Ion: 164 Resp: 191895

Ion Ratio Lower Upper

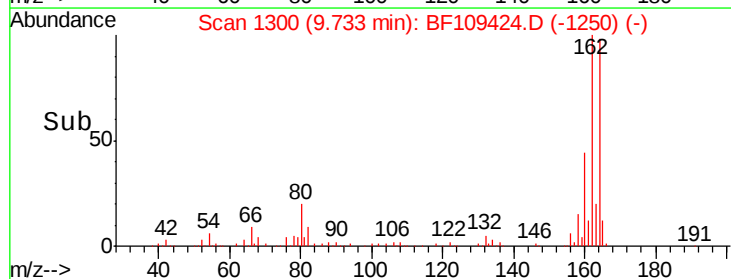
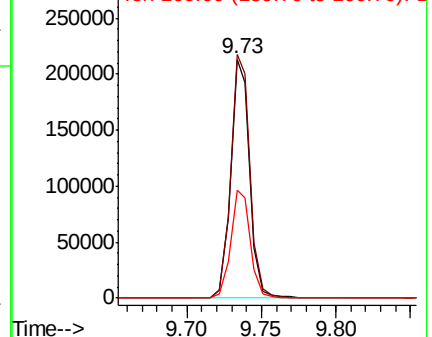
164 100

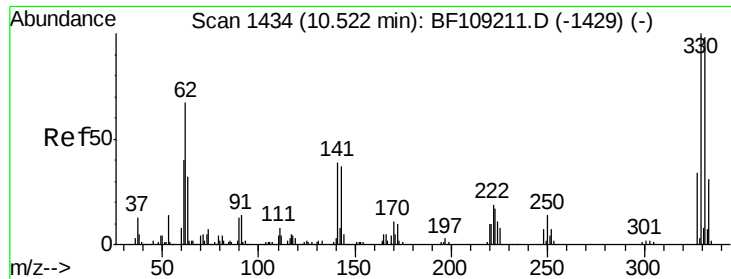
162 102.0 86.1 129.1

160 45.3 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

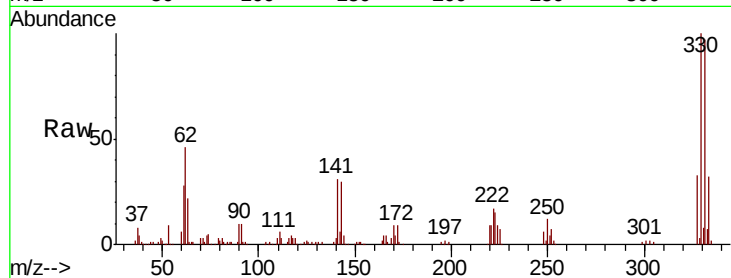




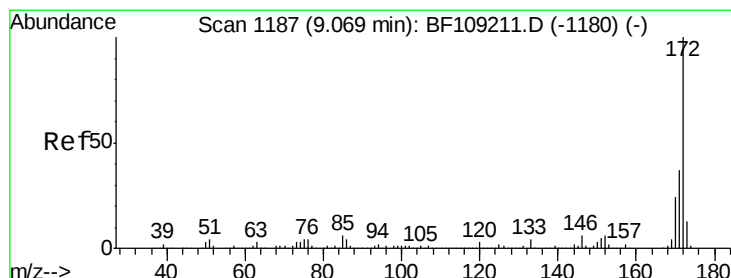
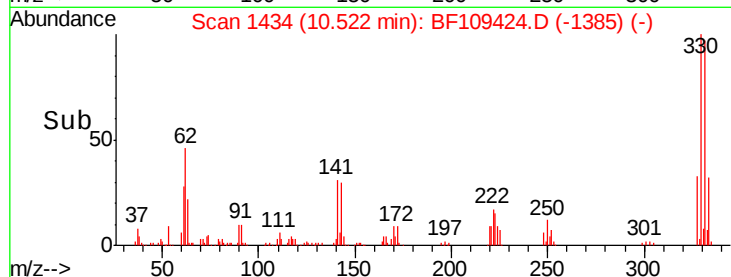
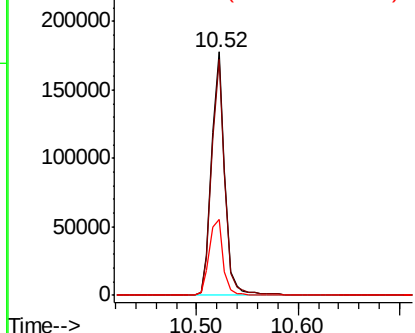
#41
 2,4,6-Tribromophenol
 Concen: 85.649 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 162021
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 33.2 29.9 44.9

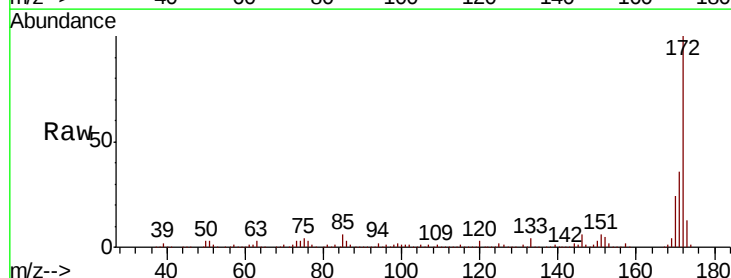


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

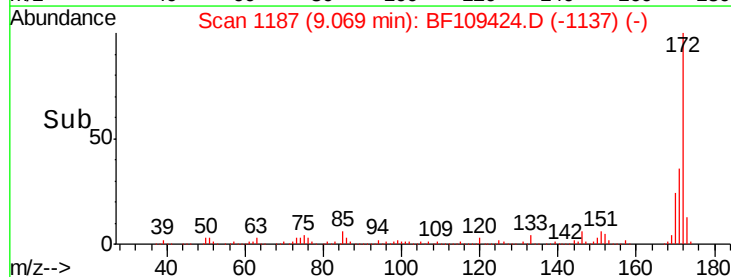
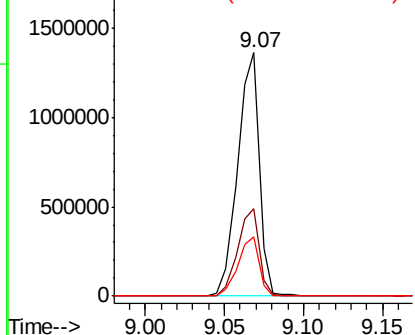


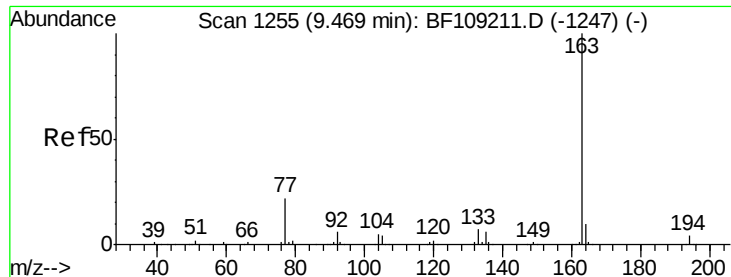
#44
 2-Fluorobiphenyl
 Concen: 100.870 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Tgt Ion:172 Resp: 1283424
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.4 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

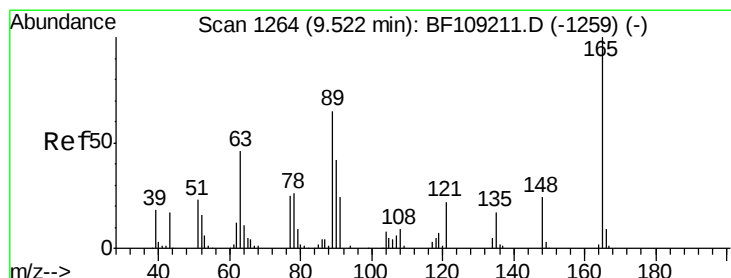
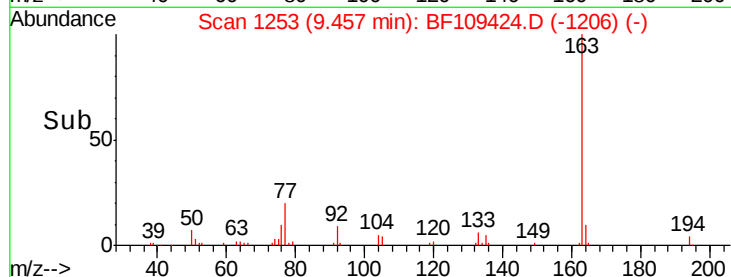
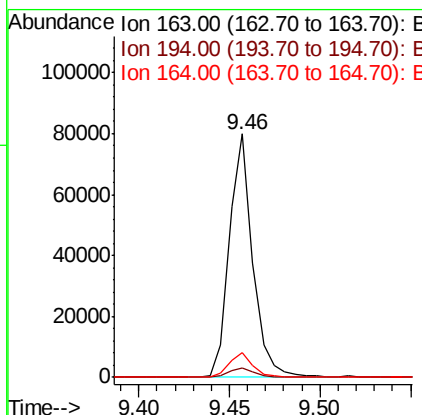
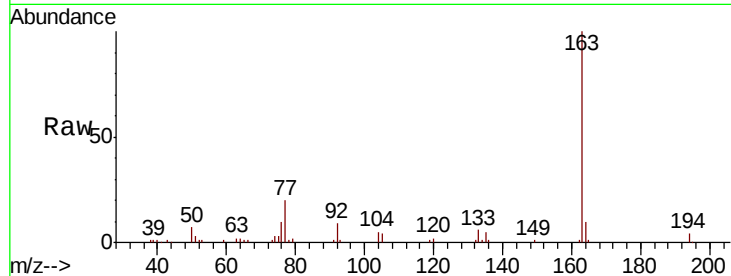




#49
 Dimethylphthalate
 Concen: 5.150 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

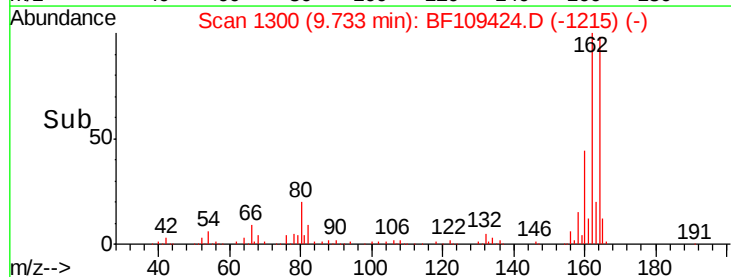
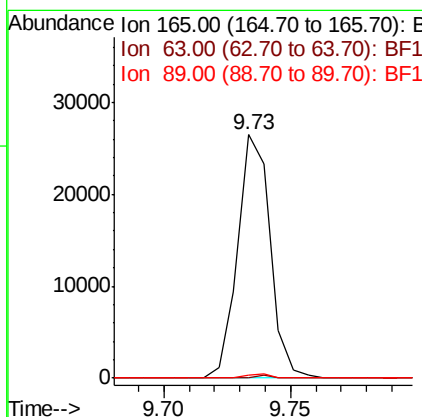
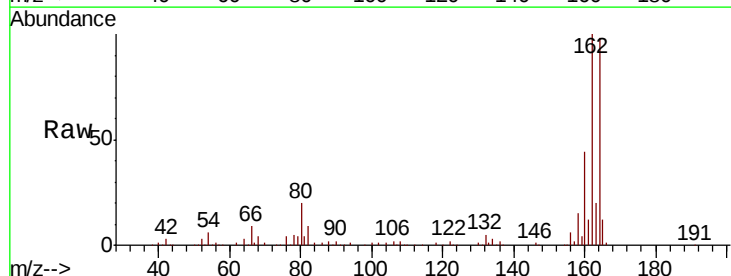
Instrument :
 BNA_F
 ClientSampled :

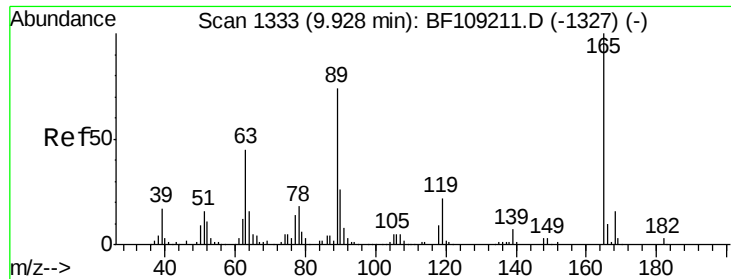
Tot Ion:163 Resp: 71883
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.7 4.1
 164 10.4 8.2 12.2



#50
 2,6-Dinitrotoluene
 Concen: 8.515 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. 0.20 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Tgt Ion:165 Resp: 23539
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.5 44.0 66.0#

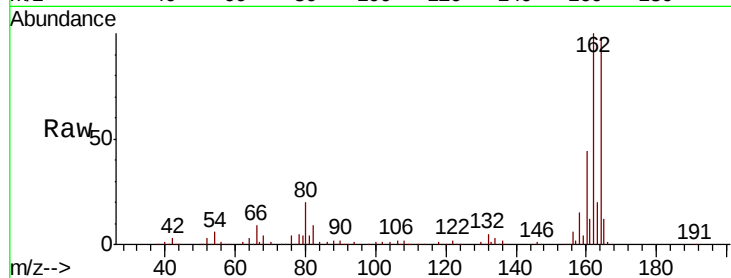




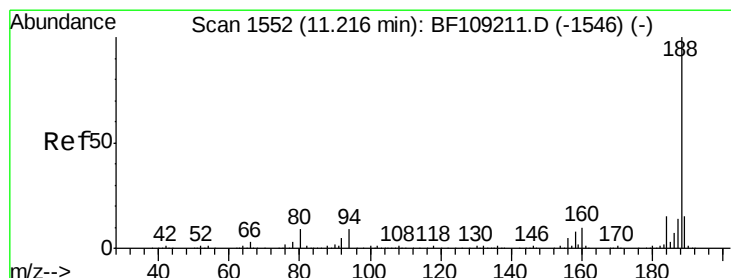
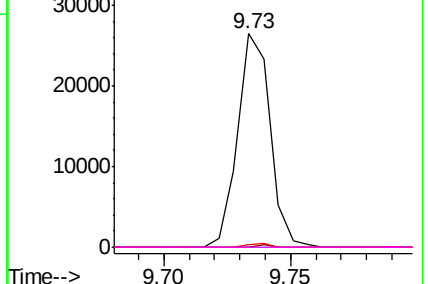
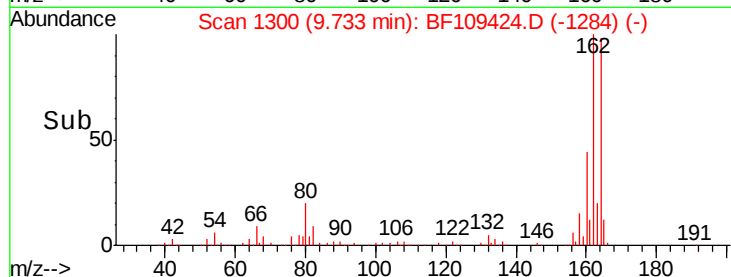
#56
 2,4-Dinitrotoluene
 Concen: 6.730 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	23539
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#

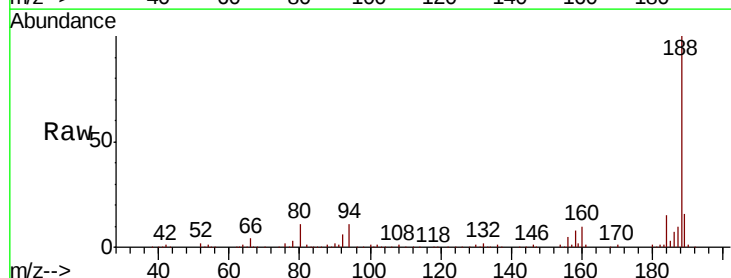


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

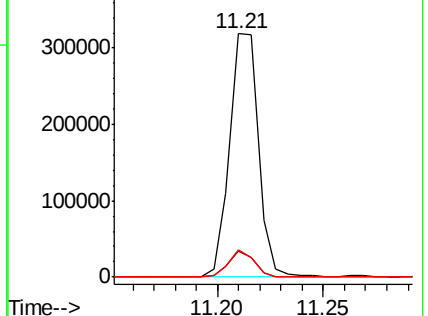
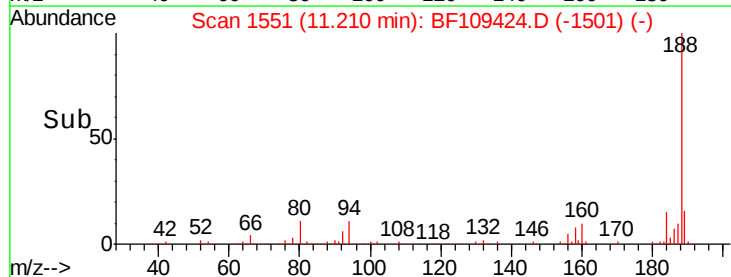


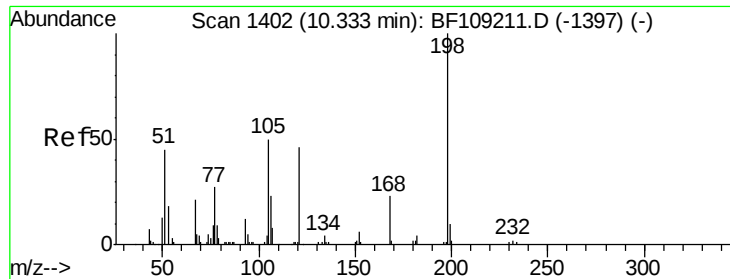
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Tgt Ion:	188	Resp:	300629
Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.1	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

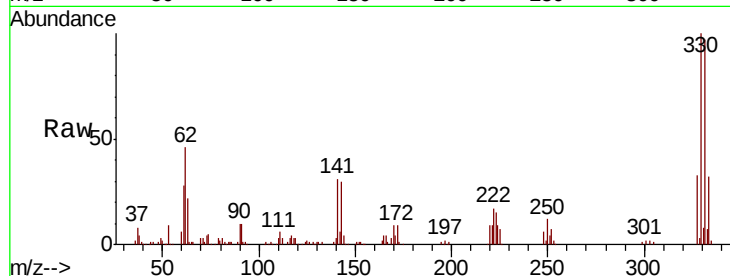




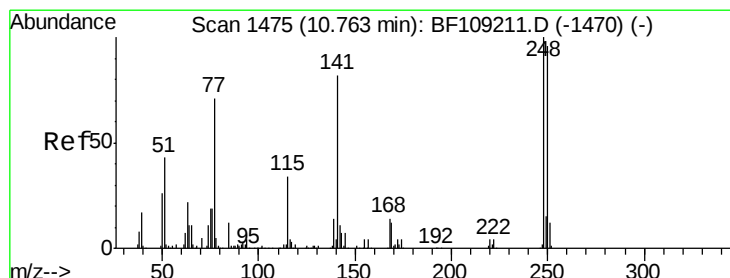
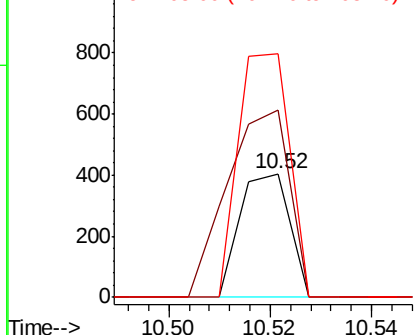
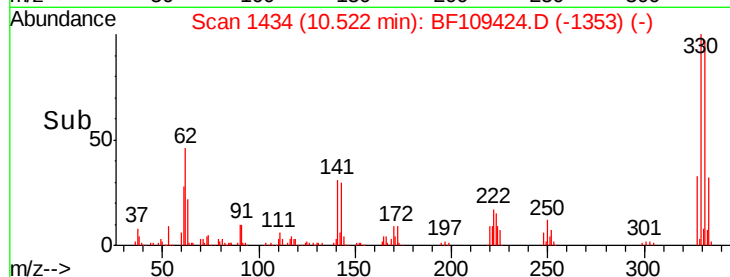
#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.719 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. 0.18 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:198 Resp: 277
 Ion Ratio Lower Upper
 198 100
 51 151.5 37.7 77.7#
 105 197.3 36.3 76.3#

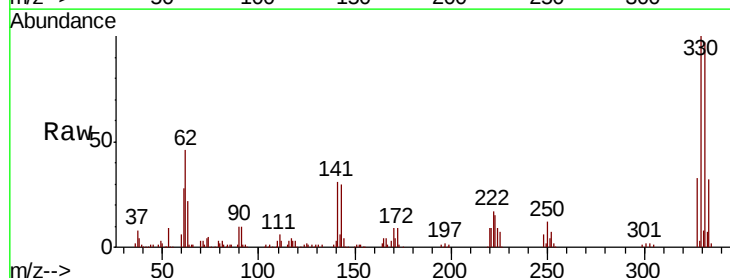


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

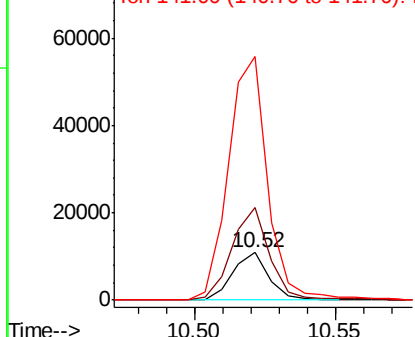
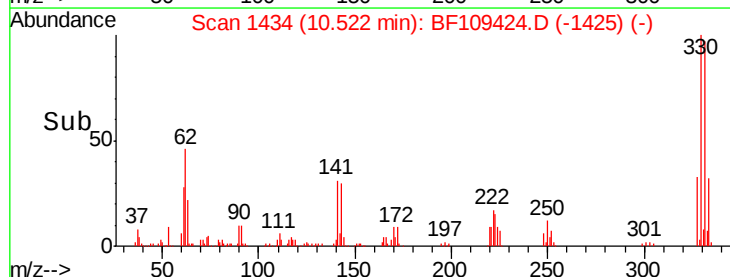


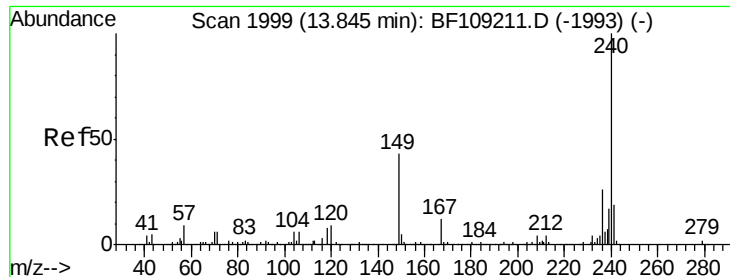
#66
 4-Bromophenyl-phenylether
 Concen: 2.878 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.25 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Tgt Ion:248 Resp: 9609
 Ion Ratio Lower Upper
 248 100
 250 194.1 76.9 115.3#
 141 513.4 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: BF109424.D

Acq: 28 Sep 2018 10:05

Instrument :

BNA_F

ClientSampleId :

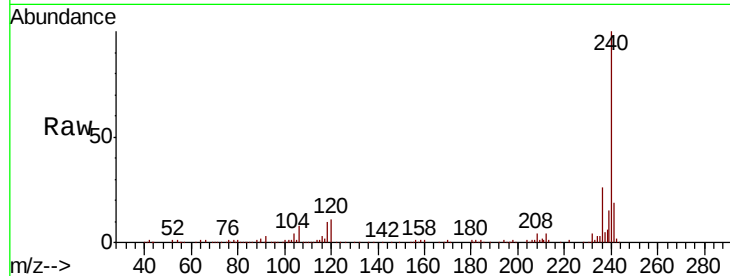
Tot Ion:240 Resp: 248167

Ion Ratio Lower Upper

240 100

120 11.1 9.5 14.3

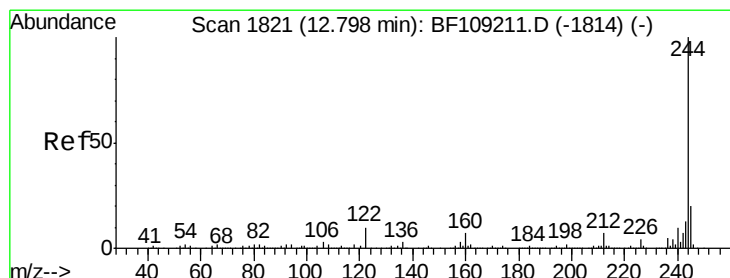
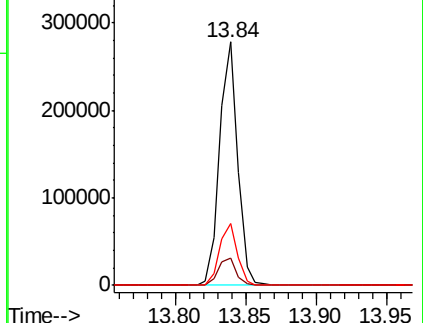
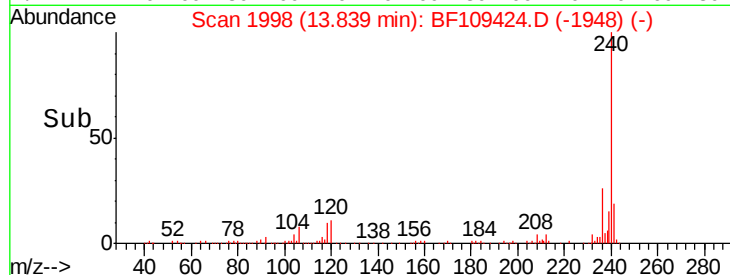
236 25.6 20.7 31.1



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: 91.794 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109424.D

Acq: 28 Sep 2018 10:05

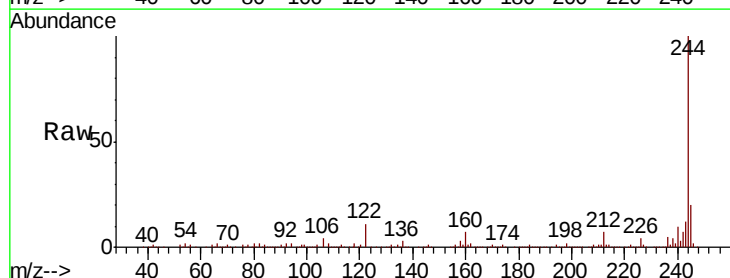
Tgt Ion:244 Resp: 928225

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

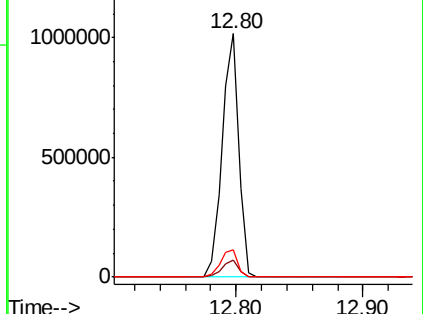
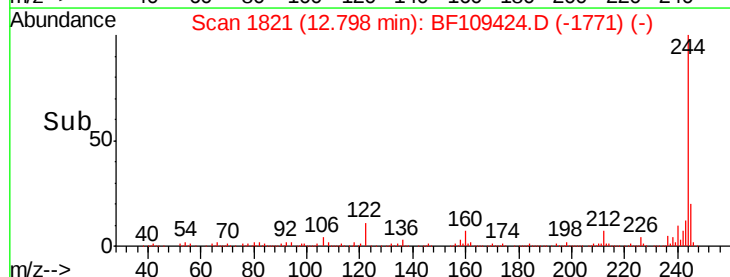
122 11.0 11.0 16.4

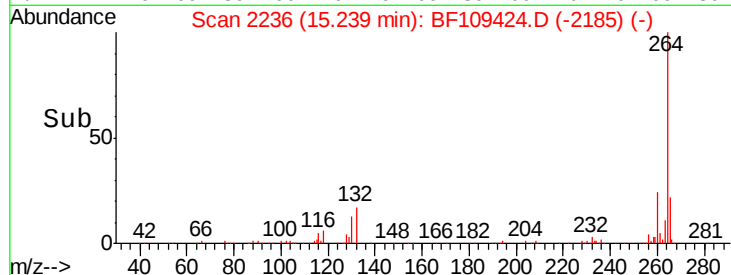
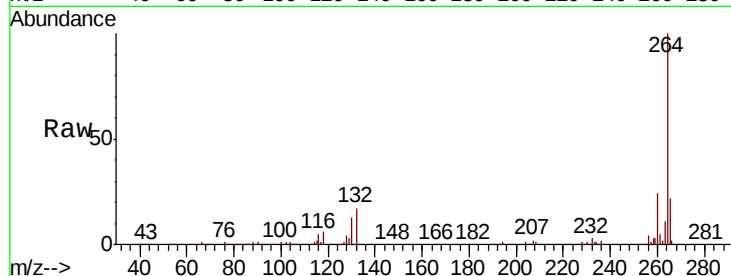
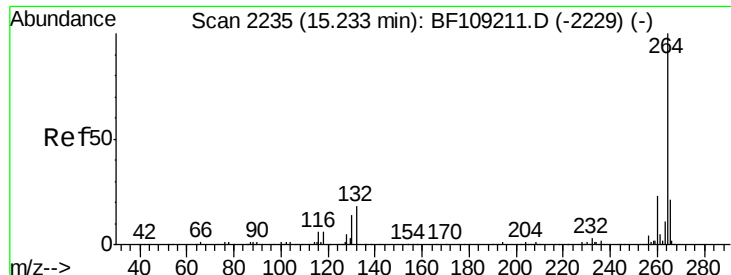


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109424.D
 Acq: 28 Sep 2018 10:05

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	209833
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.8	17.5	26.3

