

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
 Data File : BF109548.D
 Acq On : 3 Oct 2018 16:07
 Operator : JU/SJ
 Sample : J5222-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:15:36 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

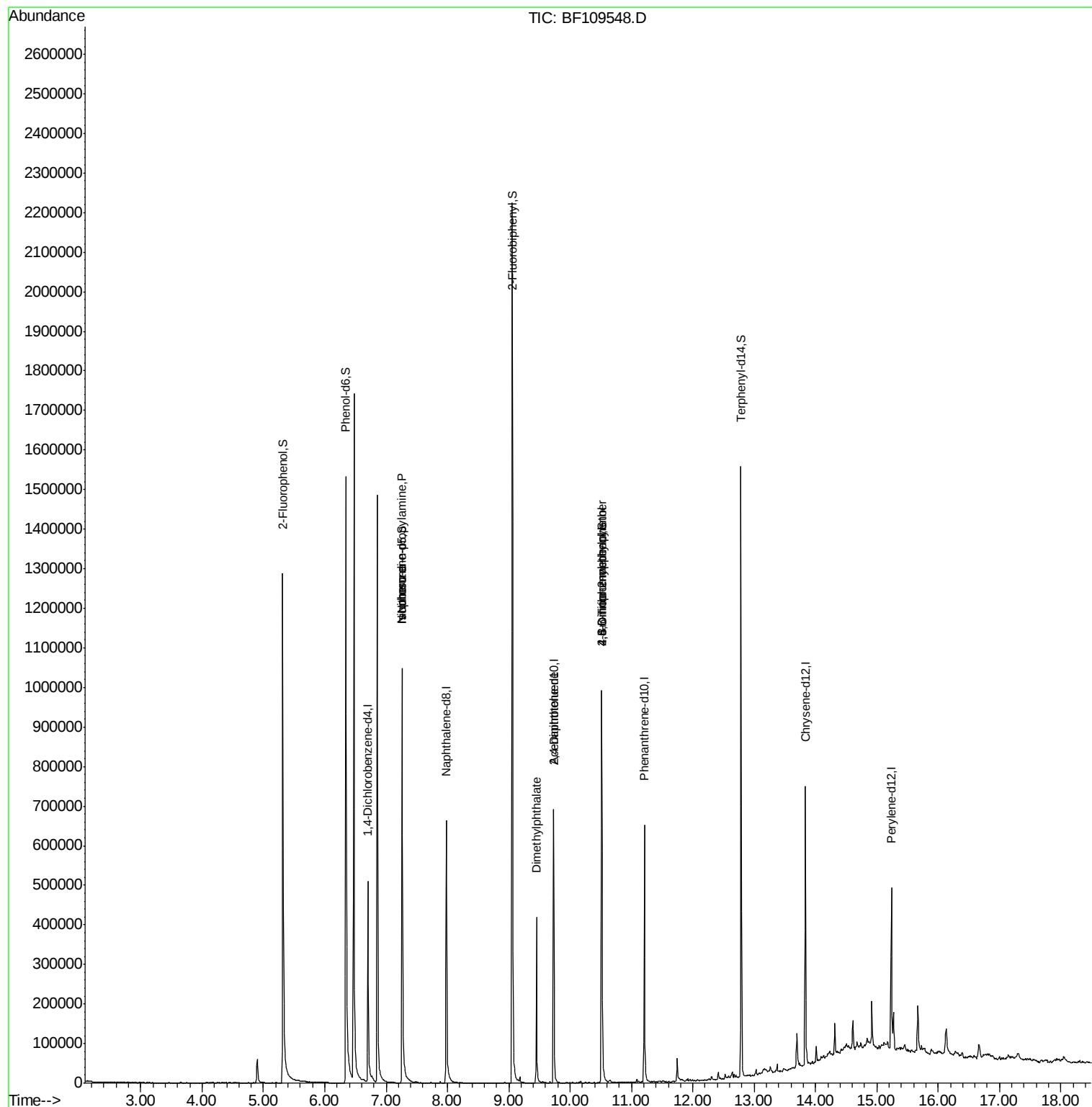
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	97508	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	365930	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	152575	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	256511	20.00	ng	0.00
75) Chrysene-d12	13.83	240	231541	20.00	ng	-0.01
86) Perylene-d12	15.24	264	198438	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	490088	82.78	ng	0.00
7) Phenol-d6	6.35	99	635472	84.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	402842	64.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	134395	89.35	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	732903	72.45	ng	-0.02
78) Terphenyl-d14	12.79	244	571183	60.54	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	51993	10.504	ng	# 76
25) Isophorone	7.26	82	392787	35.188	ng	# 64
49) Dimethylphthalate	9.45	163	170477	15.362	ng	100
56) 2,4-Dinitrotoluene	9.73	165	19089	6.864	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.52	198	131	6.630	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	7801	2.739	ng	# 1

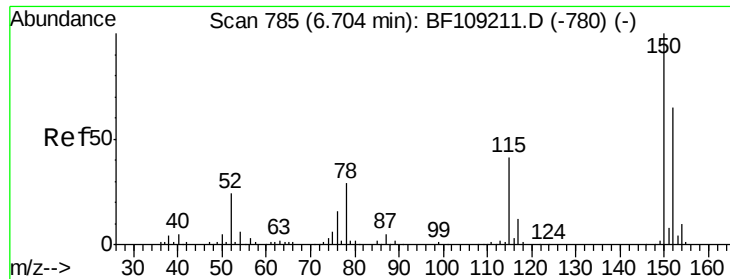
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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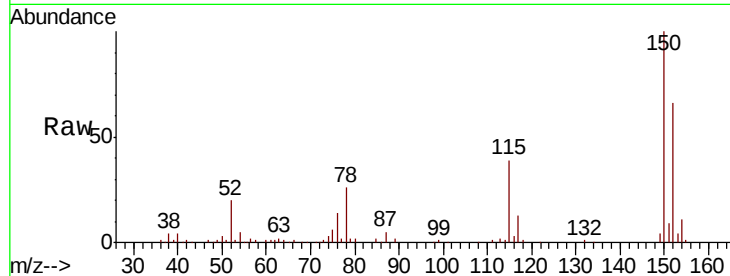


#1

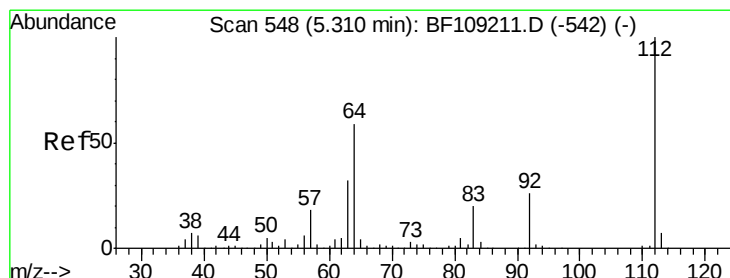
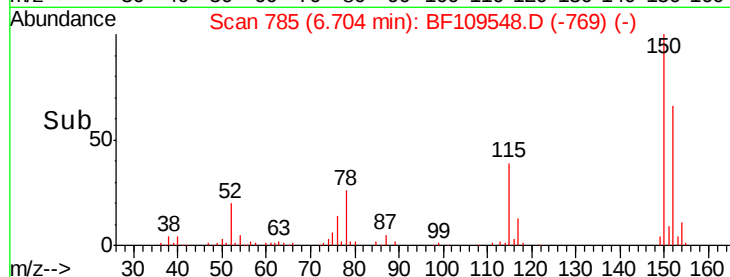
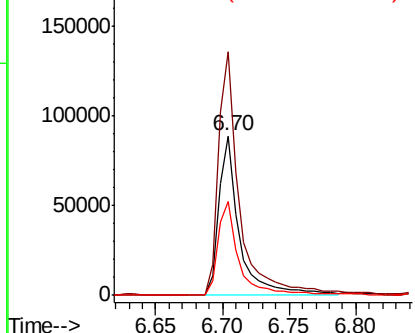
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109548.D
Acq: 3 Oct 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97508
Ion Ratio Lower Upper
152 100
150 152.5 124.6 186.8
115 59.0 50.1 75.1



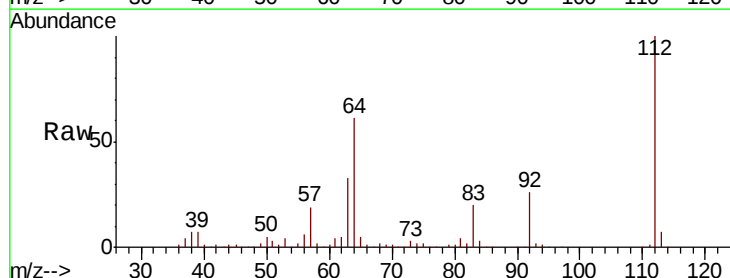
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



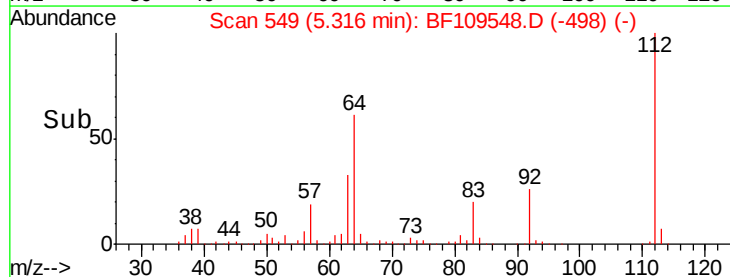
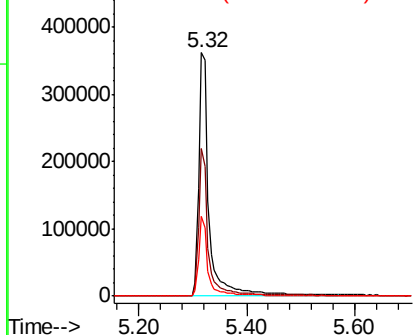
#5

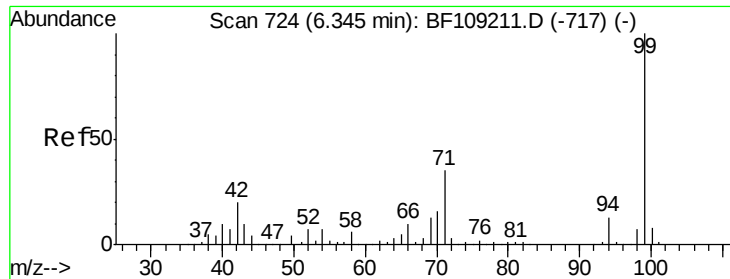
2-Fluorophenol
Concen: 82.784 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109548.D
Acq: 3 Oct 2018 16:07

Tgt Ion:112 Resp: 490088
Ion Ratio Lower Upper
112 100
64 60.7 47.9 71.9
63 32.7 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: 84.121 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109548.D

Acq: 3 Oct 2018 16:07

Instrument :

BNA_F

ClientSampleId :

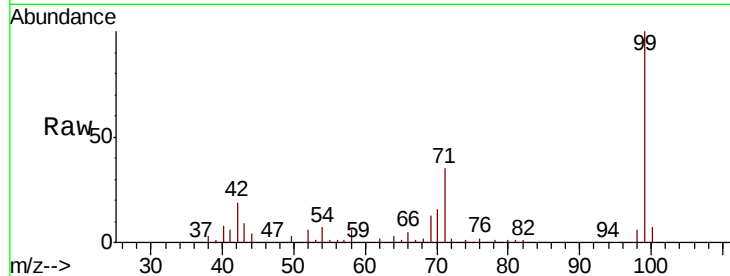
Tot Ion: 99 Resp: 635472

Ion Ratio Lower Upper

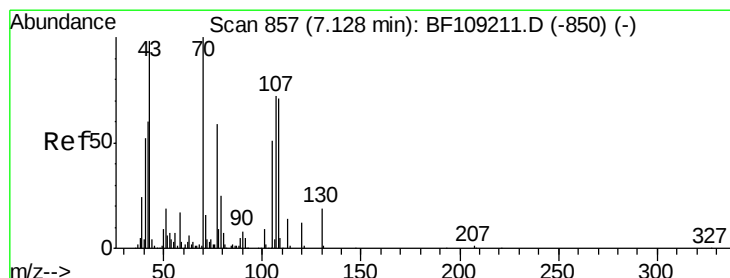
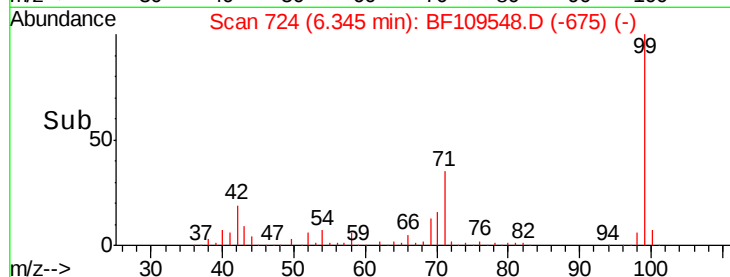
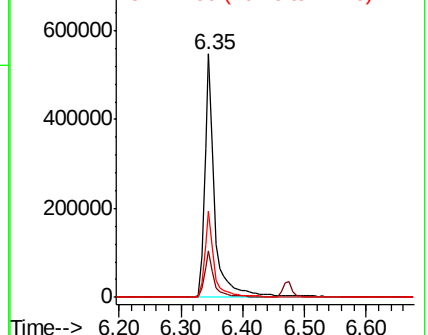
99 100

42 19.1 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: 10.504 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109548.D

Acq: 3 Oct 2018 16:07

Tgt Ion: 70 Resp: 51993

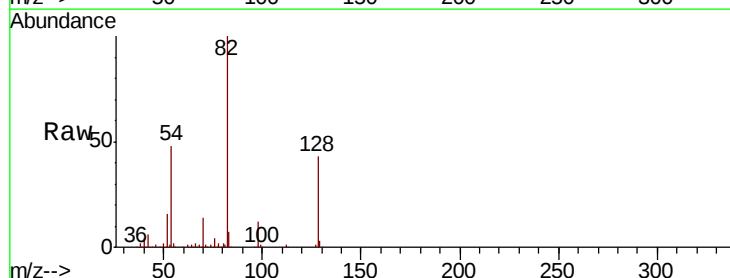
Ion Ratio Lower Upper

70 100

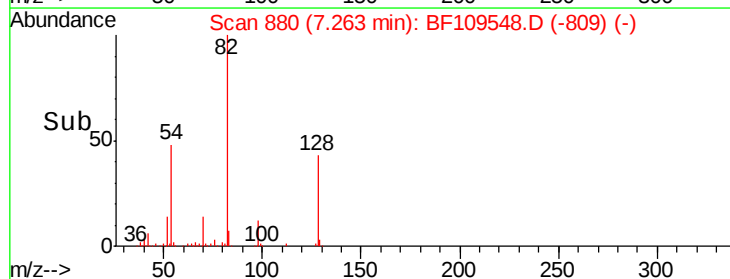
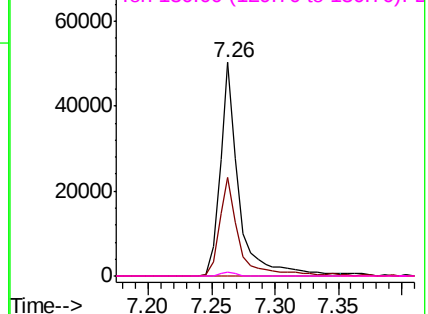
42 46.3 47.5 71.3#

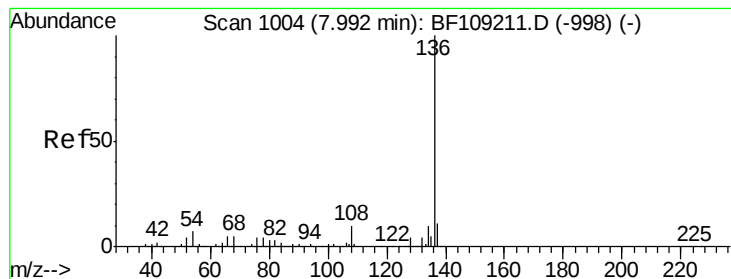
101 0.0 7.4 11.2#

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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF109548.D

Acq: 3 Oct 2018 16:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 365930

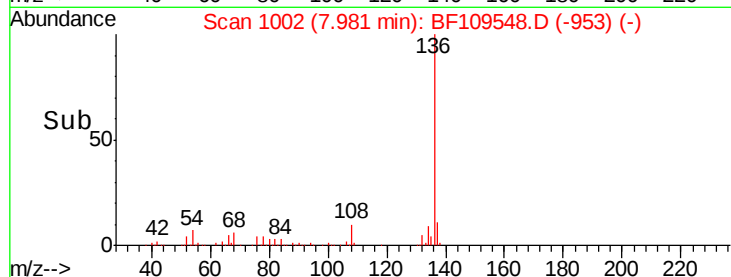
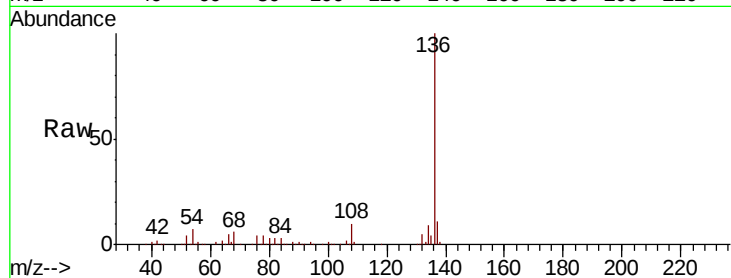
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.1 6.6 9.8

68 5.9 5.0 7.4

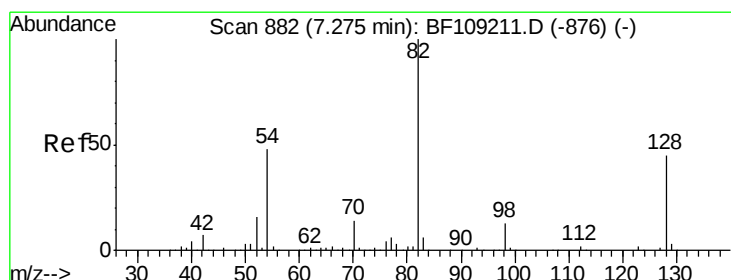
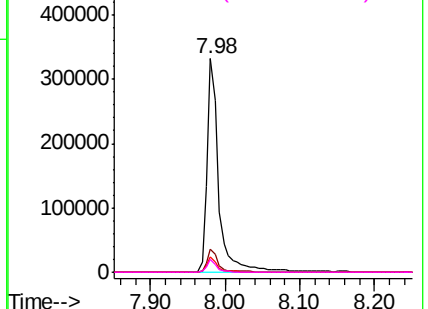


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.986 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109548.D

Acq: 3 Oct 2018 16:07

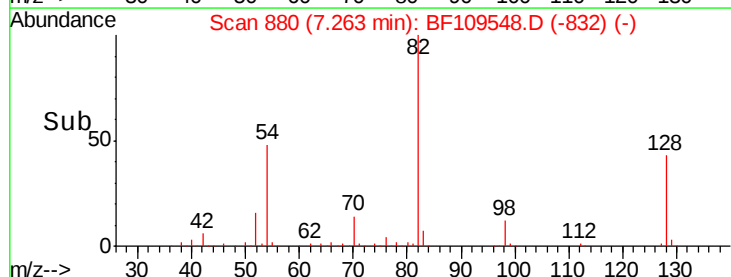
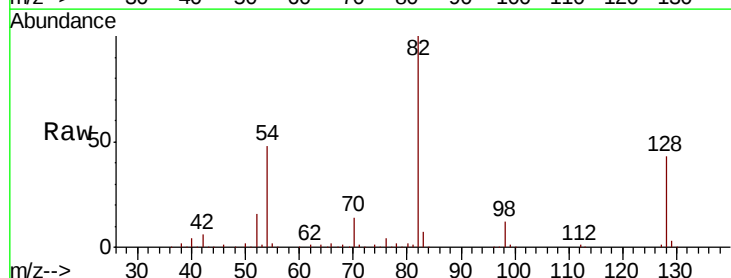
Tgt Ion: 82 Resp: 402842

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

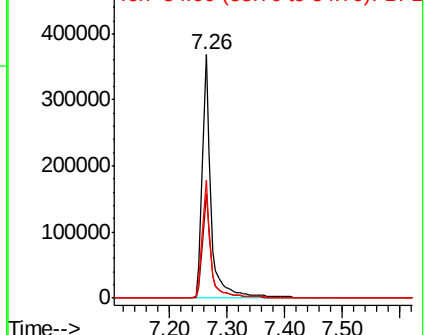
54 48.4 41.4 62.2

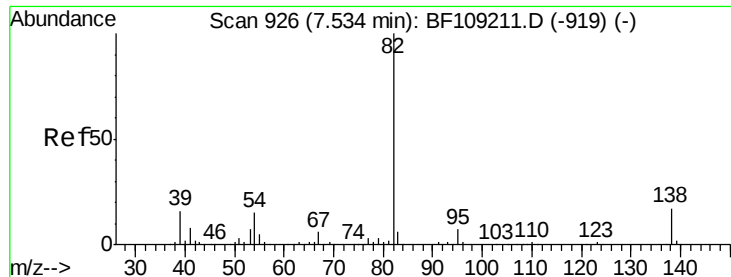


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.188 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109548.D

Acq: 3 Oct 2018 16:07

Instrument :

BNA_F

ClientSampled :

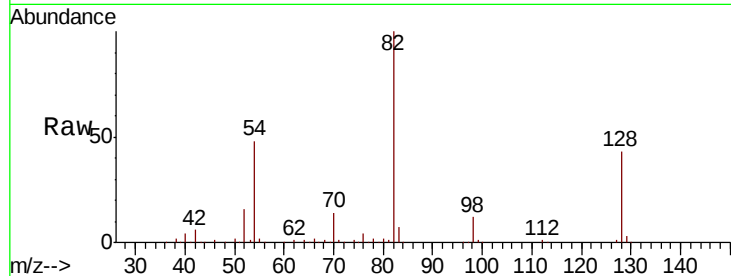
Tot Ion: 82 Resp: 392787

Ion Ratio Lower Upper

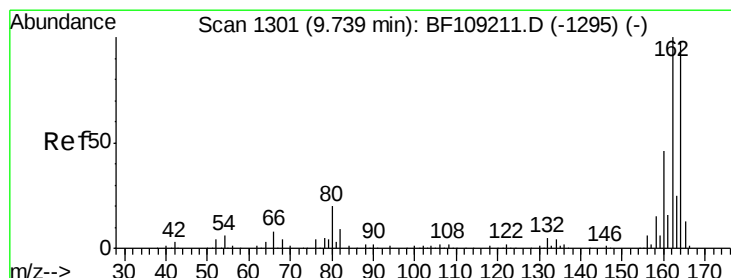
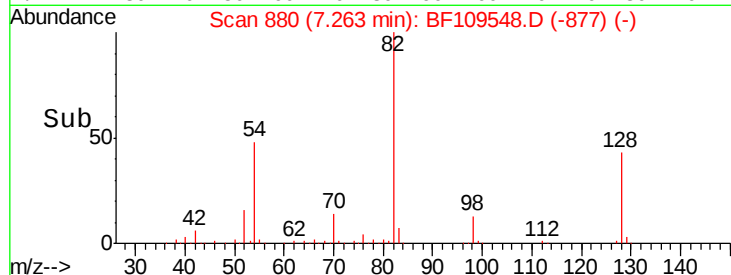
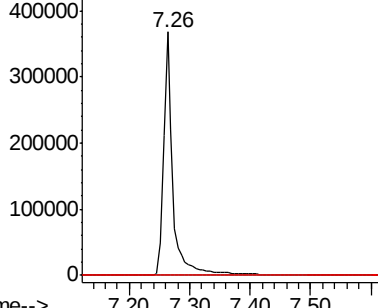
82 100

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: BF109548.D

Acq: 3 Oct 2018 16:07

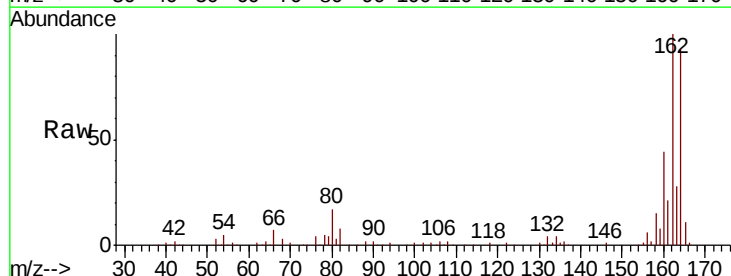
Tgt Ion: 164 Resp: 152575

Ion Ratio Lower Upper

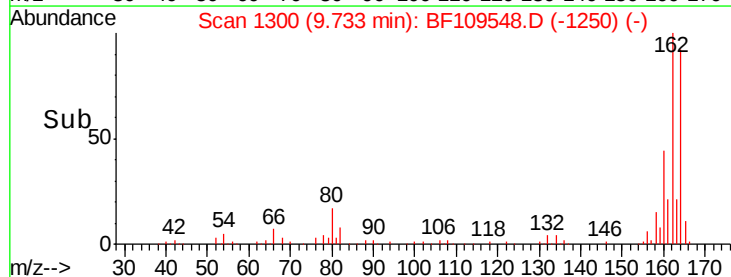
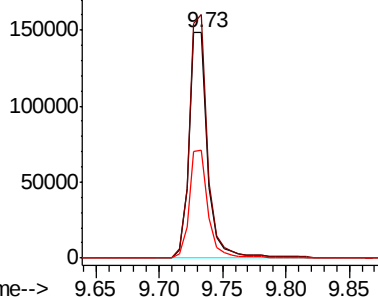
164 100

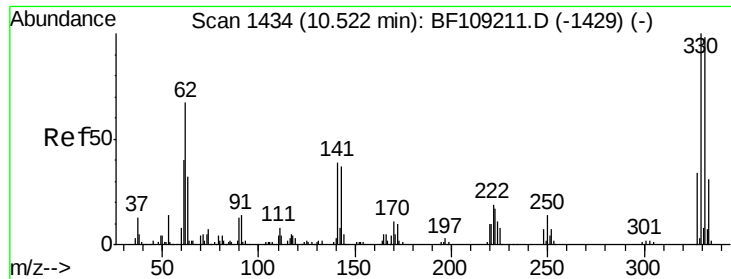
162 108.0 86.1 129.1

160 48.0 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

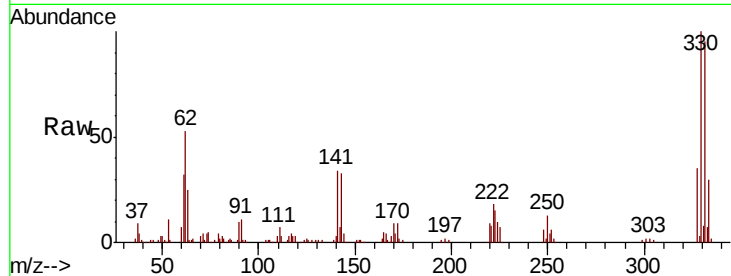




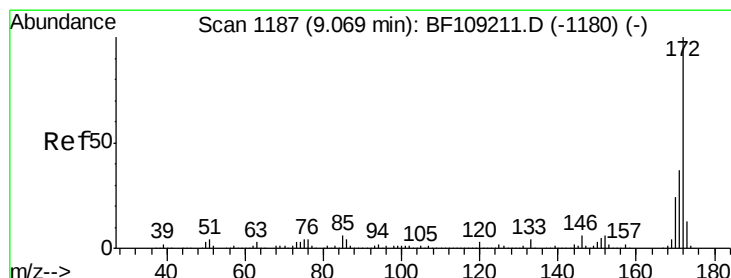
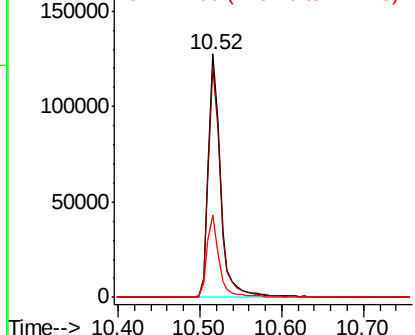
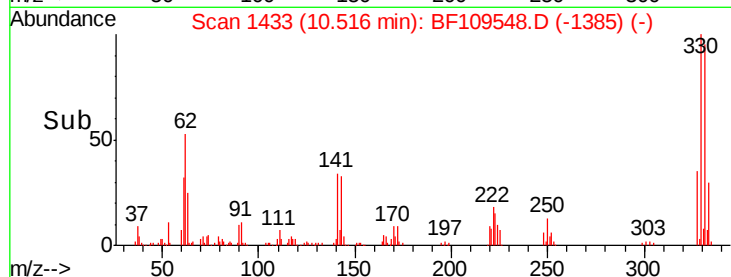
#41
 2,4,6-Tribromophenol
 Concen: 89.354 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109548.D
 Acq: 3 Oct 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	77.0	115.6
141	33.2	29.9	44.9

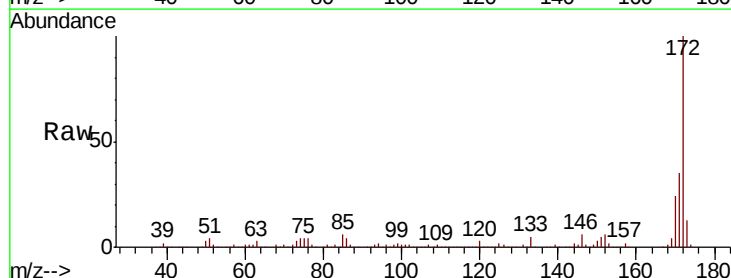


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

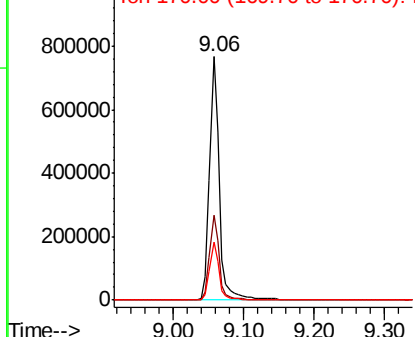
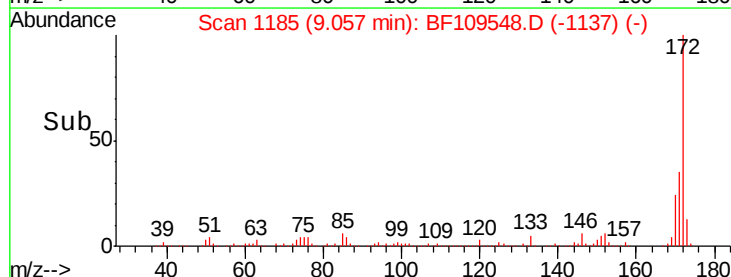


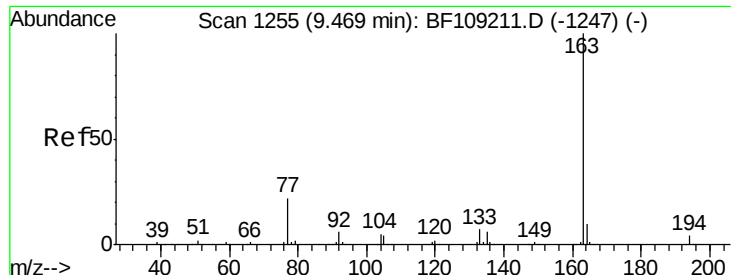
#44
 2-Fluorobiphenyl
 Concen: 72.447 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF109548.D
 Acq: 3 Oct 2018 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.7	44.5
170	23.7	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

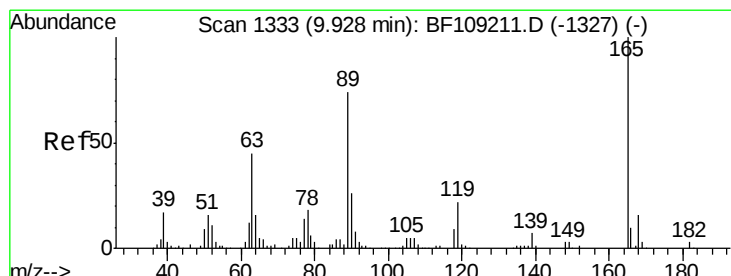
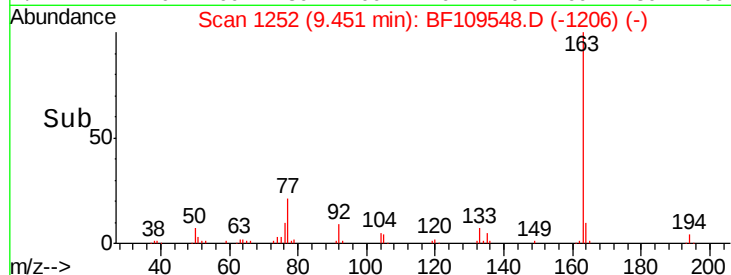
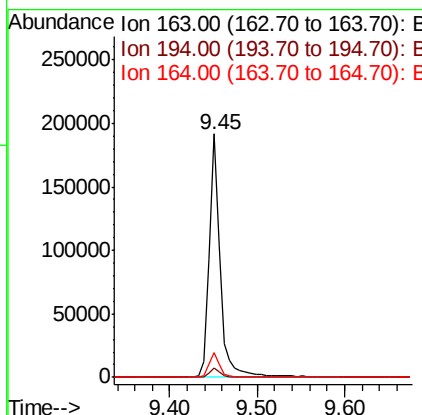
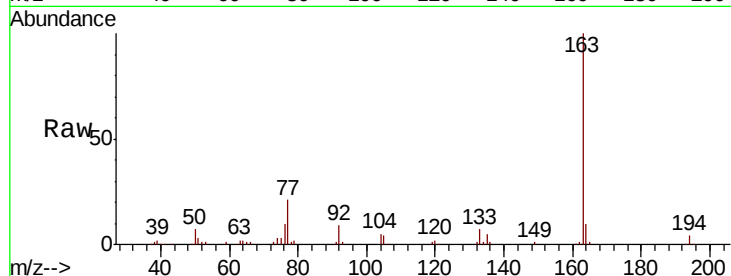




#49
 Dimethylphthalate
 Concen: 15.362 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.03 min
 Lab File: BF109548.D
 Acq: 3 Oct 2018 16:07

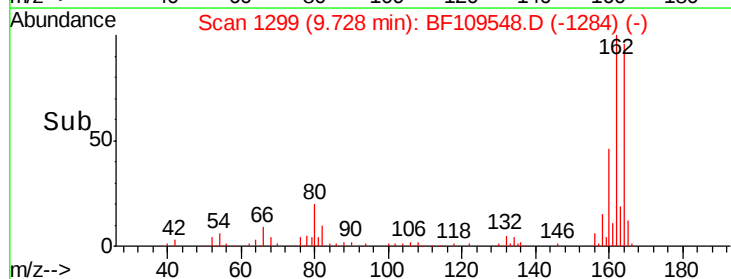
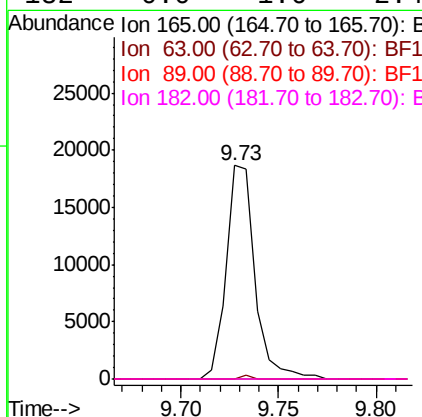
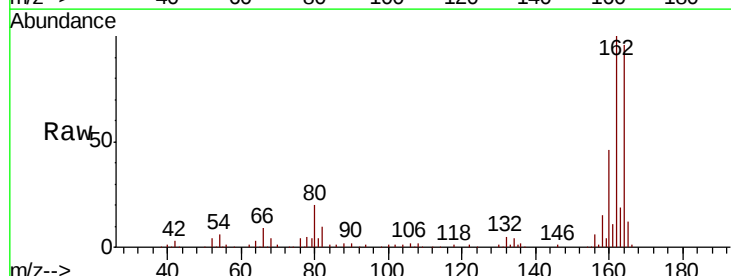
Instrument :
 BNA_F
 ClientSampleId :

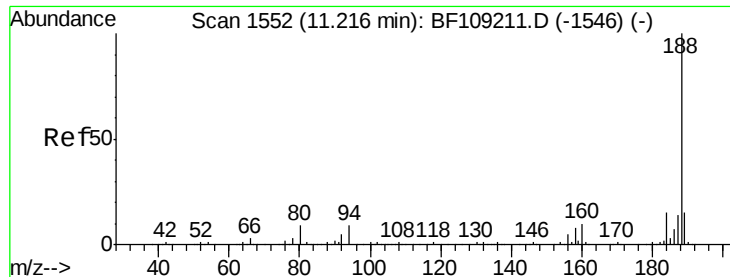
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.1	8.2	12.2



#56
 2,4-Dinitrotoluene
 Concen: 6.864 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.21 min
 Lab File: BF109548.D
 Acq: 3 Oct 2018 16:07

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

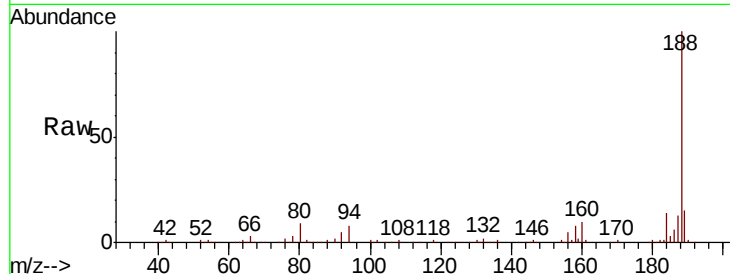




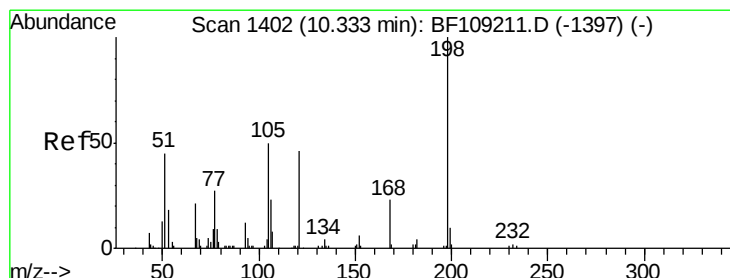
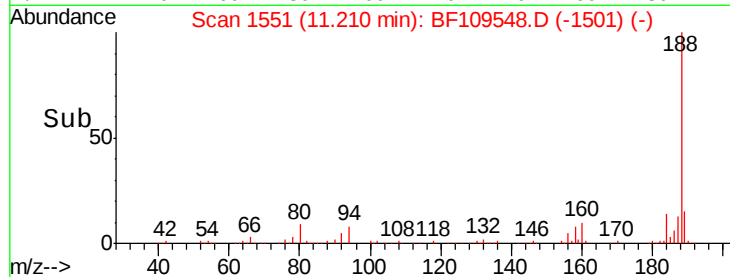
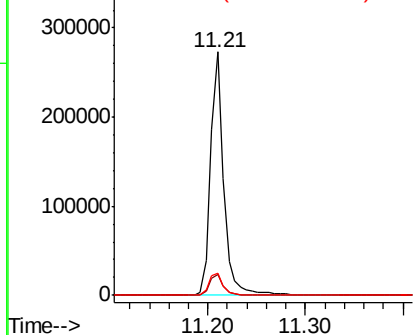
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109548.D
Acq: 3 Oct 2018 16:07

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 256511
Ion Ratio Lower Upper
188 100
94 8.4 8.5 12.7#
80 9.4 9.2 13.8

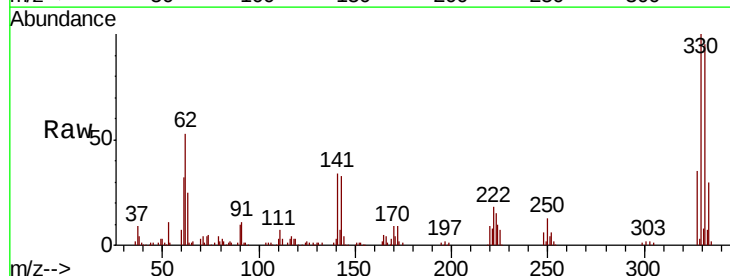


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

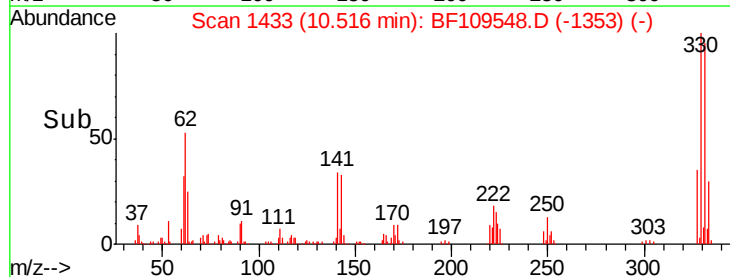
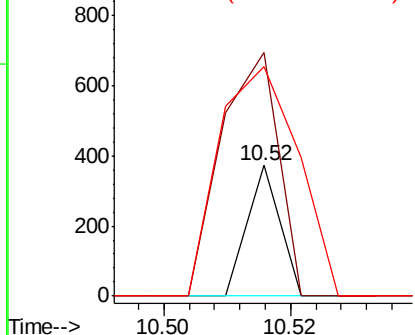


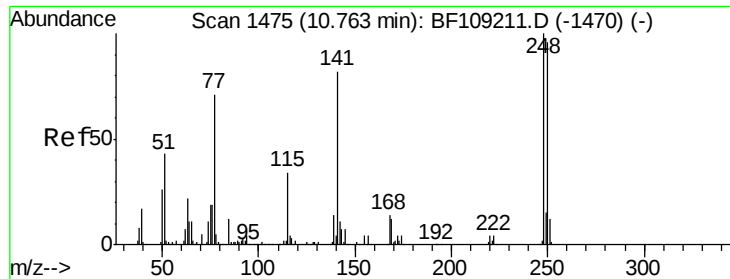
#64
4,6-Dinitro-2-methylphenol
Concen: 6.630 ng
RT: 10.52 min Scan# 1433
Delta R.T. 0.17 min
Lab File: BF109548.D
Acq: 3 Oct 2018 16:07

Tgt Ion:198 Resp: 131
Ion Ratio Lower Upper
198 100
51 186.8 37.7 77.7#
105 176.3 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

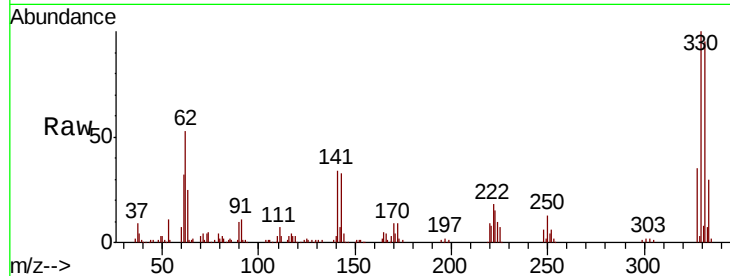




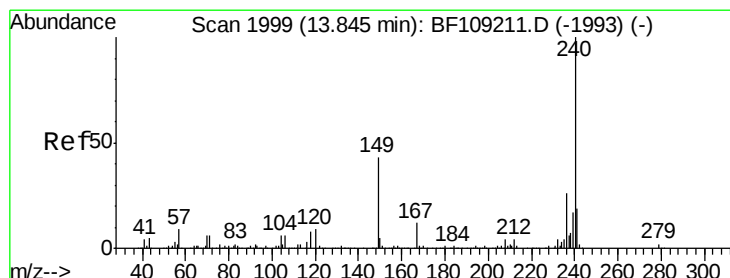
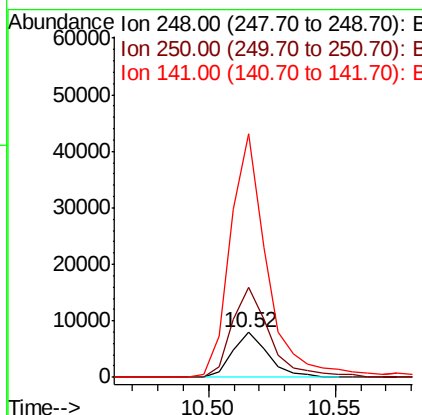
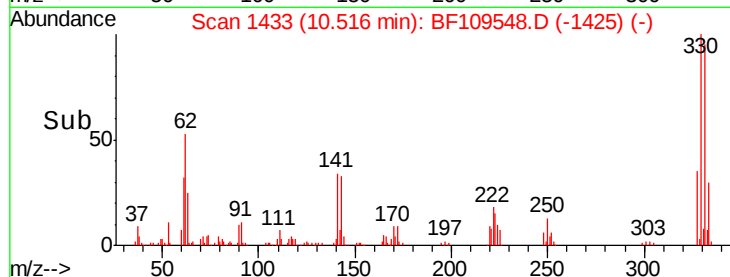
#66
4-Bromophenyl-phenylether
Concen: 2.739 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.25 min
Lab File: BF109548.D
Acq: 3 Oct 2018 16:07

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7801
Ion Ratio Lower Upper
248 100
250 202.8 76.9 115.3#
141 545.4 74.4 111.6#

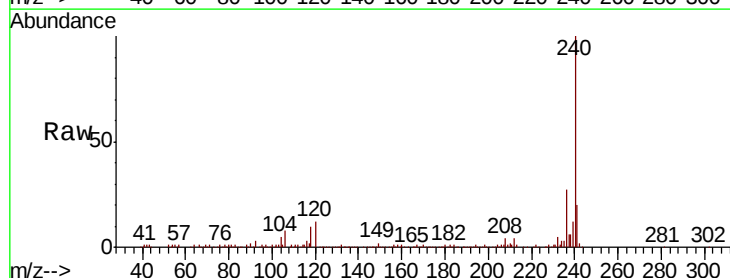


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

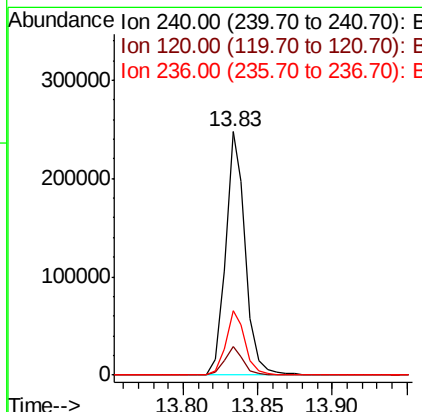
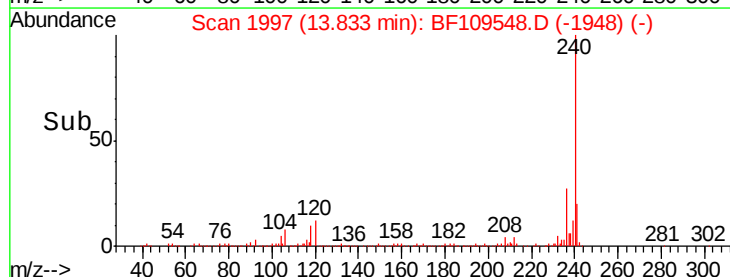


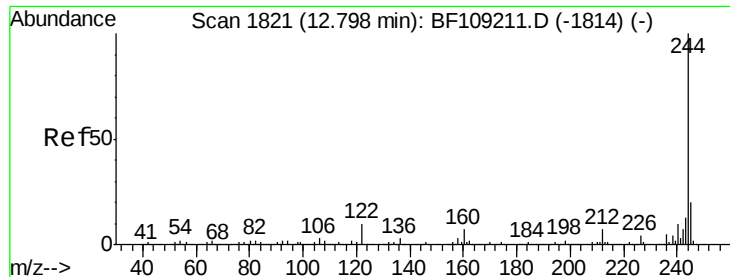
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109548.D
Acq: 3 Oct 2018 16:07

Tgt Ion:240 Resp: 231541
Ion Ratio Lower Upper
240 100
120 11.7 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

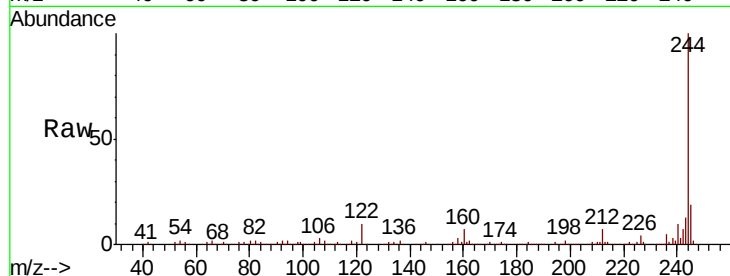




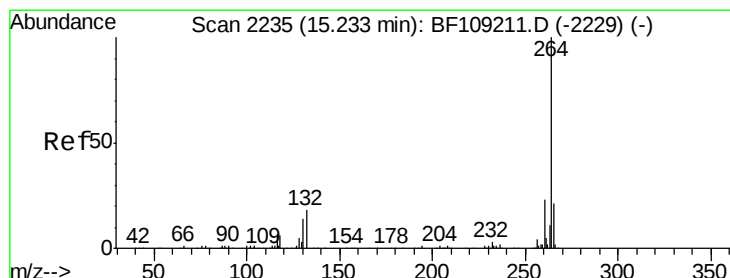
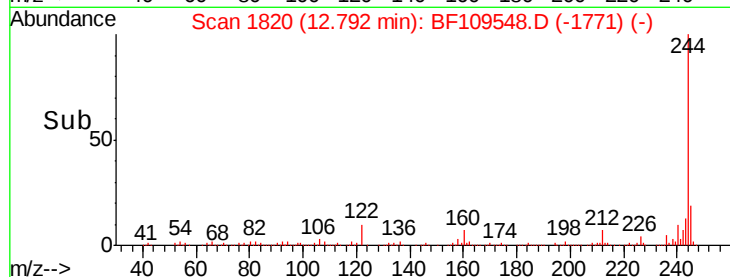
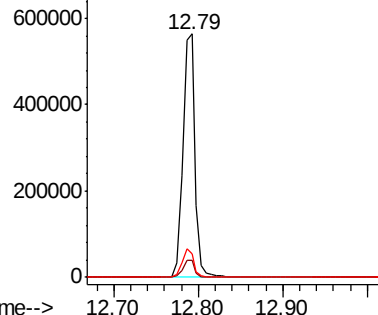
#78
 Terphenyl-d14
 Concen: 60.541 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109548.D
 Acq: 3 Oct 2018 16:07

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 571183
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 9.8 11.0 16.4#

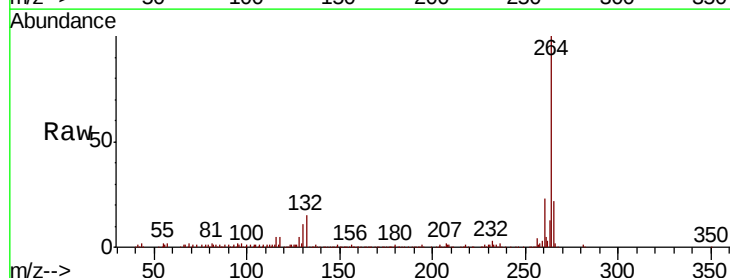


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109548.D
 Acq: 3 Oct 2018 16:07

Tgt Ion:264 Resp: 198438
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.6 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

