

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109338.D
 Acq On : 26 Sep 2018 16:01
 Operator : JU/SJ
 Sample : J5070-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 18:55:47 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

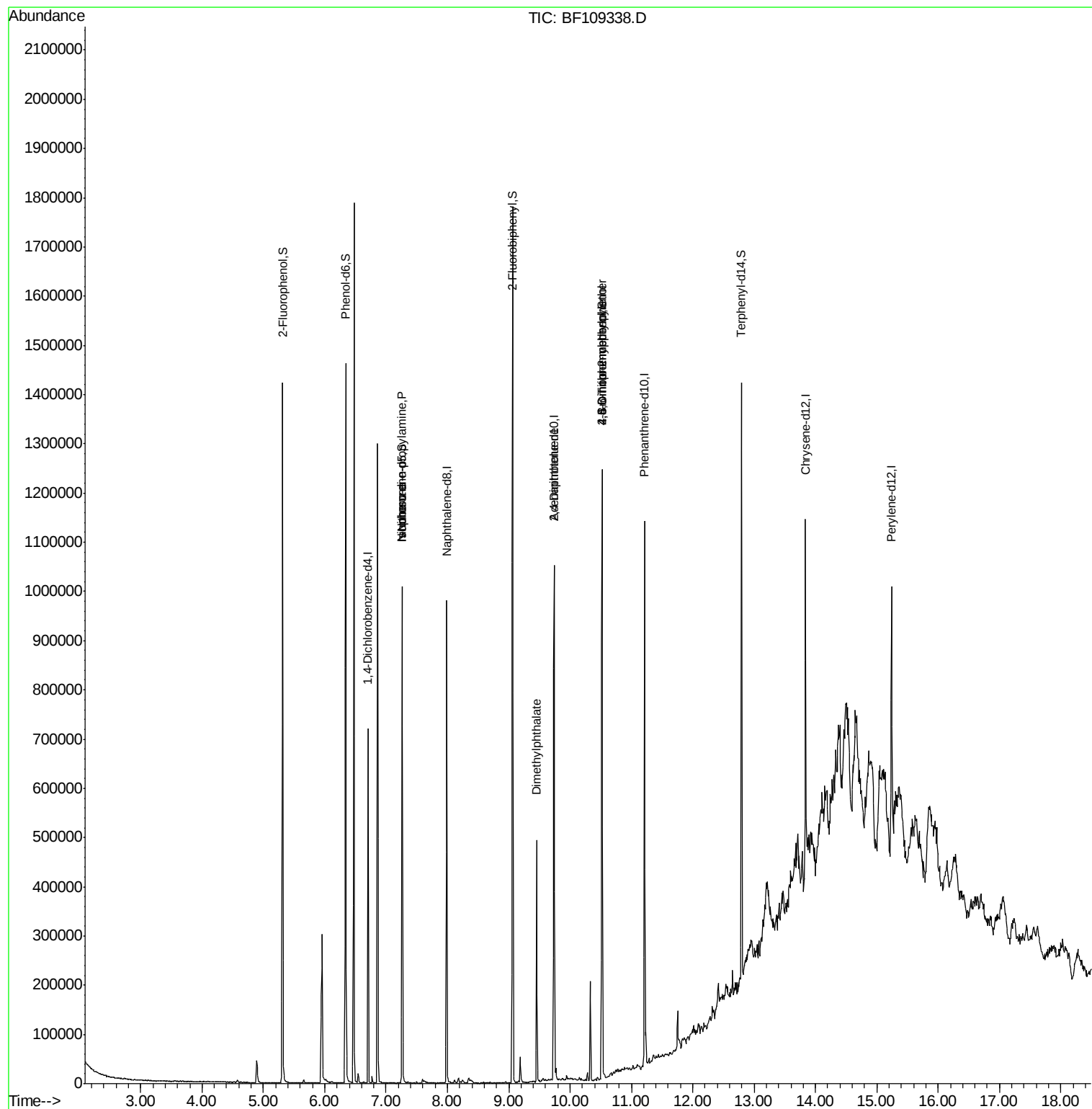
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	102069	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	399704	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	194706	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	370331	20.00	ng	0.00
75) Chrysene-d12	13.84	240	232872	20.00	ng	0.00
86) Perylene-d12	15.24	264	261636	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	405790	65.48	ng	0.00
7) Phenol-d6	6.34	99	532585	67.35	ng	-0.02
23) Nitrobenzene-d5	7.26	82	312456	46.15	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	135850	70.78	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	494953	38.34	ng	-0.01
78) Terphenyl-d14	12.79	244	410784	43.29	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	41481	8.006	ng	# 78
25) Isophorone	7.26	82	292513	23.991	ng	# 64
49) Dimethylphthalate	9.46	163	175323	12.380	ng	100
56) 2,4-Dinitrotoluene	9.74	165	24982	7.040	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	312	6.702	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8696	2.115	ng	# 1

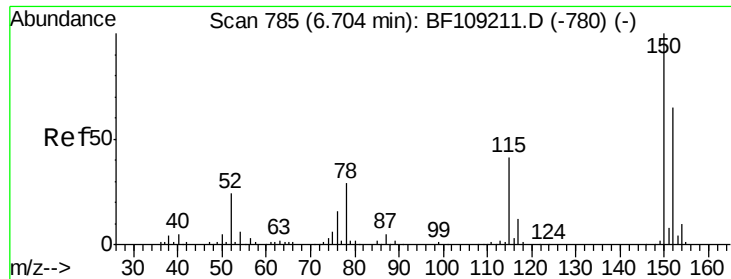
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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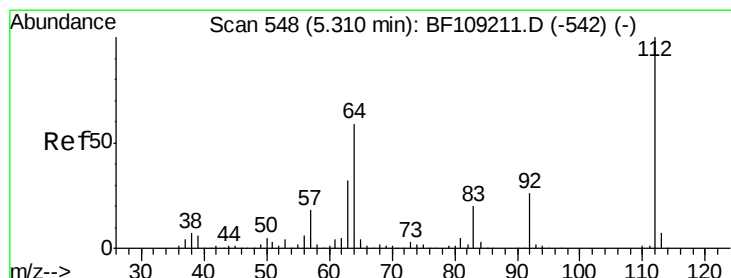
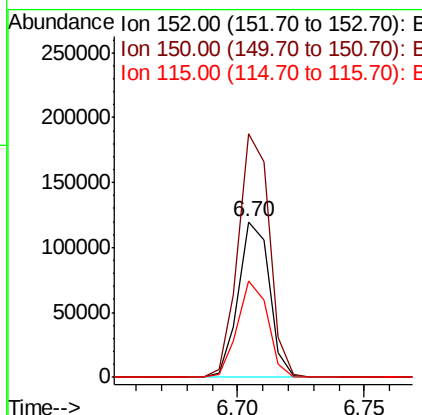
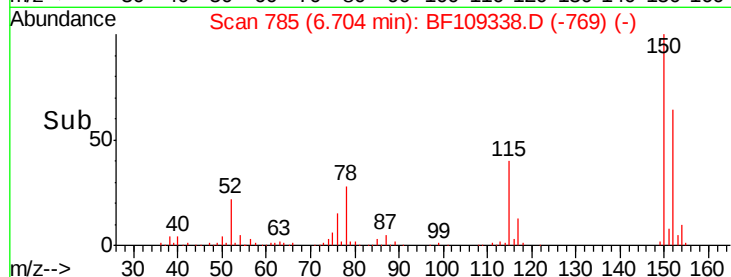
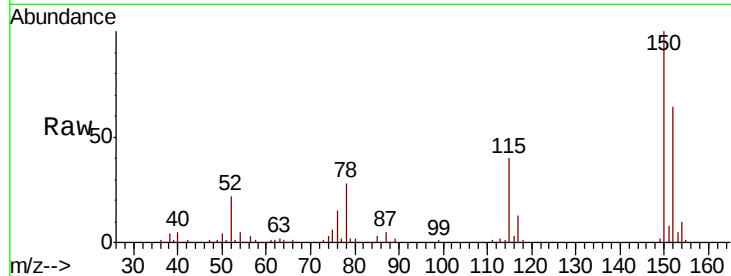


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Instrument :
BNA_F
ClientSampleId :

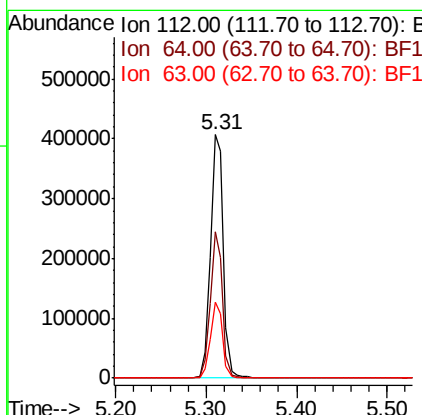
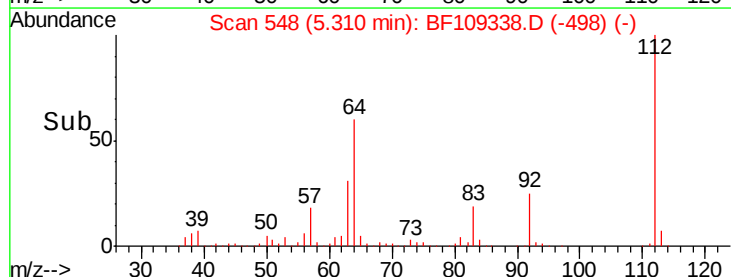
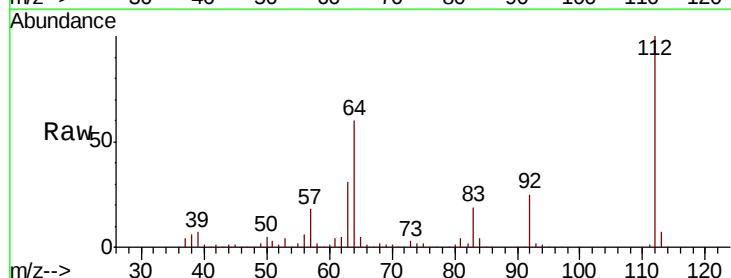
Tot Ion:152 Resp: 102069
Ion Ratio Lower Upper
152 100
150 156.6 124.6 186.8
115 62.0 50.1 75.1



#5

2-Fluorophenol
Concen: 65.482 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Tgt Ion:112 Resp: 405790
Ion Ratio Lower Upper
112 100
64 60.0 47.9 71.9
63 31.2 23.7 35.5





#7

Phenol-d6

Concen: 67.351 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109338.D

Acq: 26 Sep 2018 16:01

Instrument :

BNA_F

ClientSampleId :

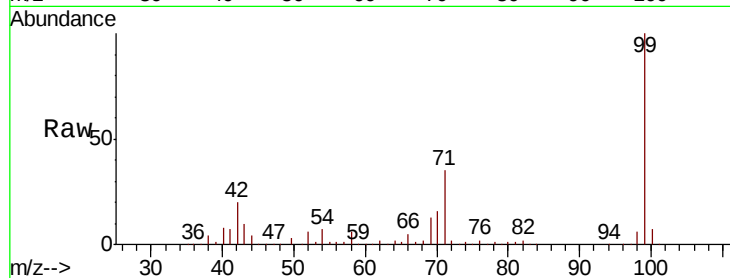
Tot Ion: 99 Resp: 532585

Ion Ratio Lower Upper

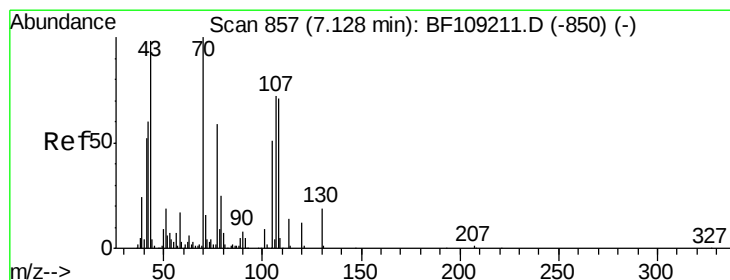
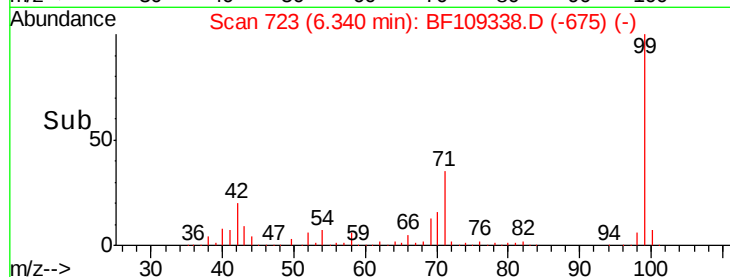
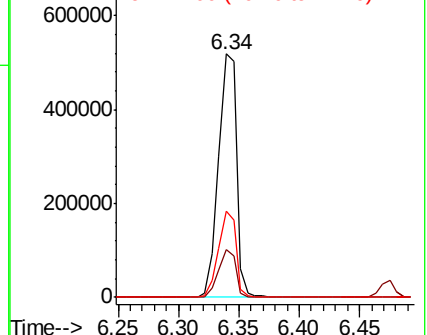
99 100

42 19.9 14.5 21.7

71 35.5 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



#19

n-Nitroso-di-n-propylamine

Concen: 8.006 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109338.D

Acq: 26 Sep 2018 16:01

Tgt Ion: 70 Resp: 41481

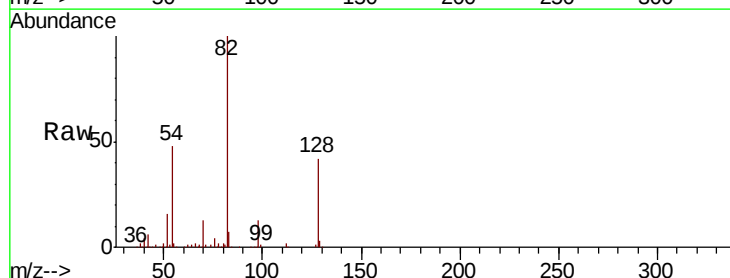
Ion Ratio Lower Upper

70 100

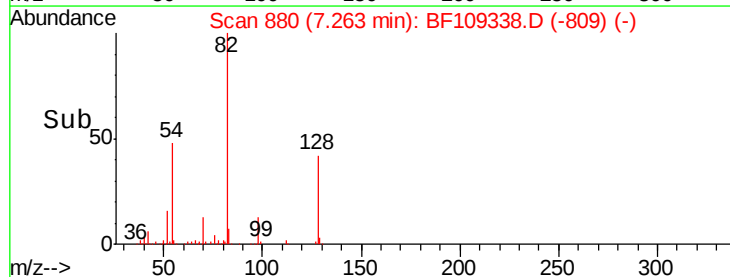
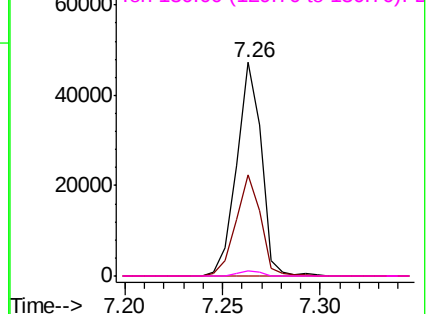
42 47.5 47.5 71.3

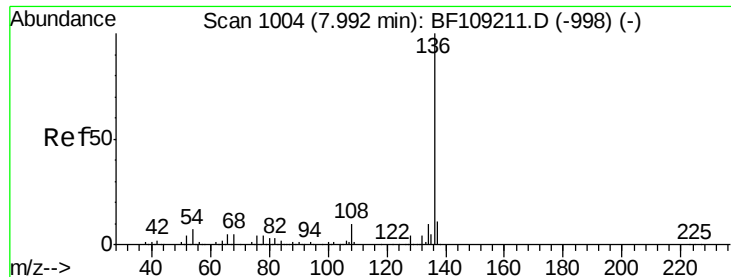
101 0.0 7.4 11.2#

130 2.2 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: BF109338.D

Acq: 26 Sep 2018 16:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 399704

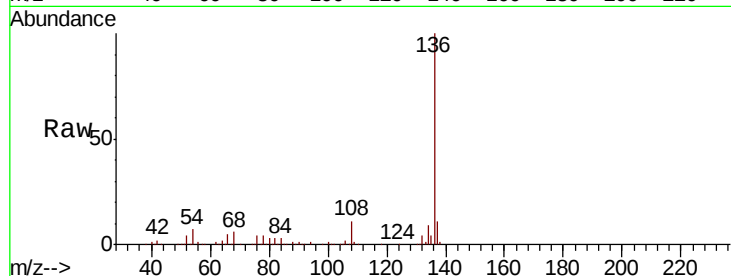
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 7.2 6.6 9.8

68 5.8 5.0 7.4

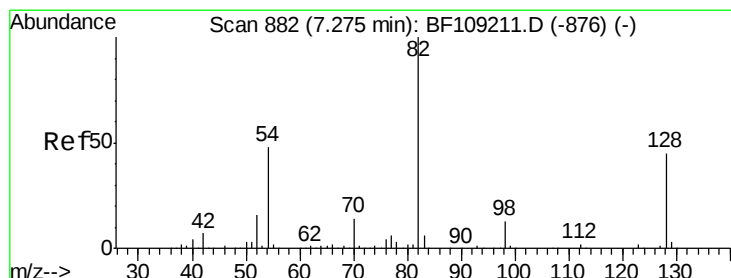
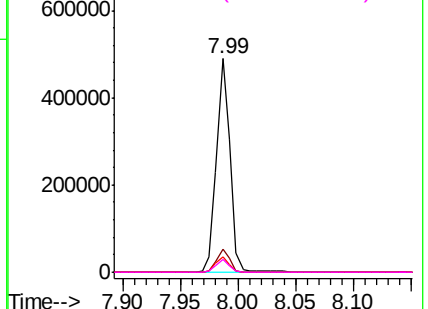
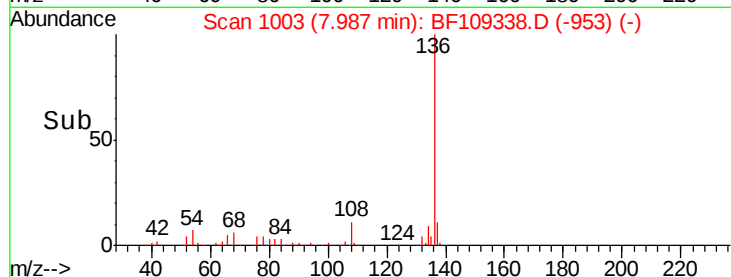


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.146 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109338.D

Acq: 26 Sep 2018 16:01

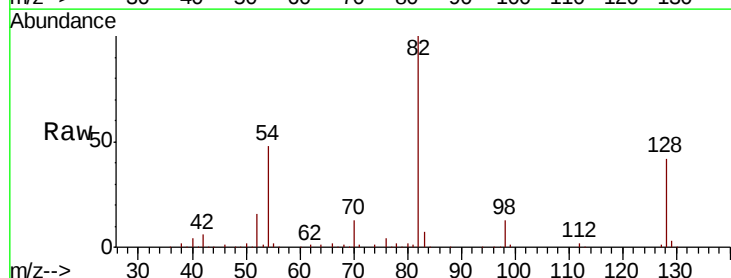
Tgt Ion: 82 Resp: 312456

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

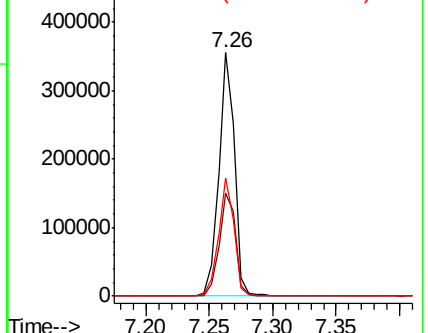
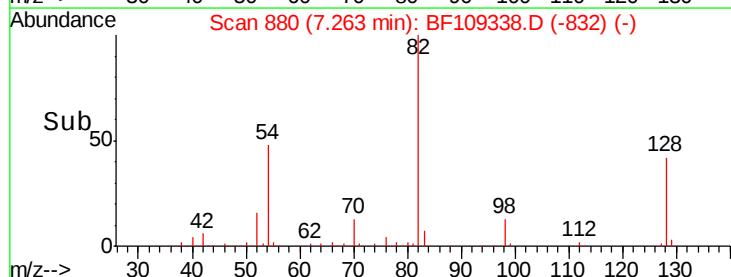
54 48.4 41.4 62.2

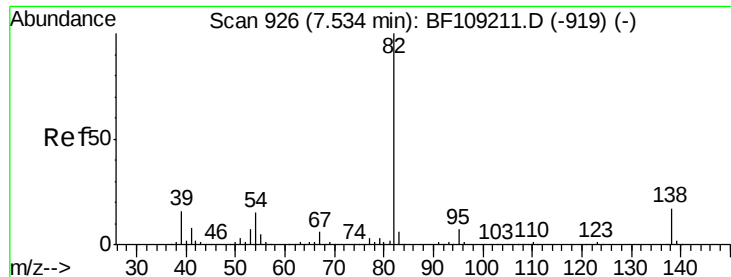


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

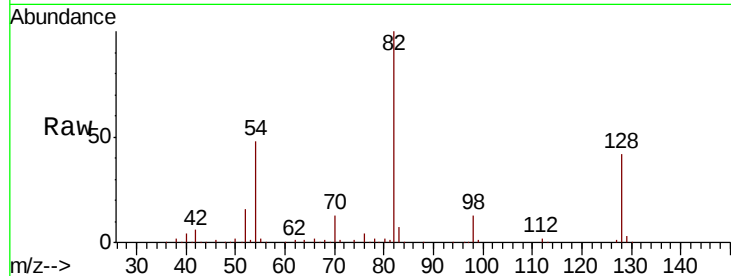




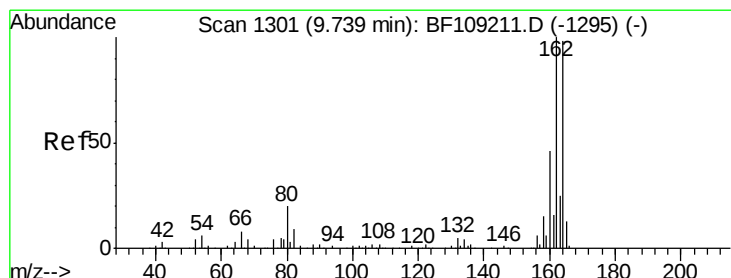
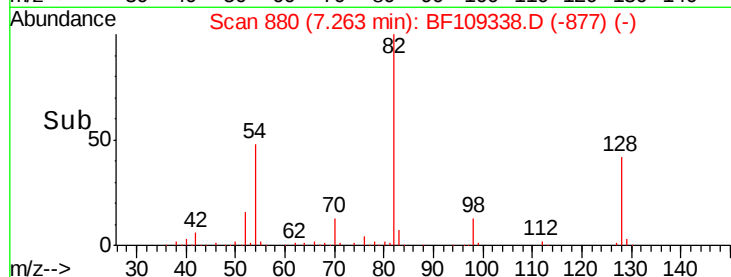
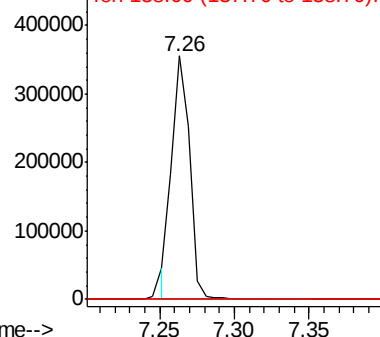
#25
Isophorone
Concen: 23.991 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 292513
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#

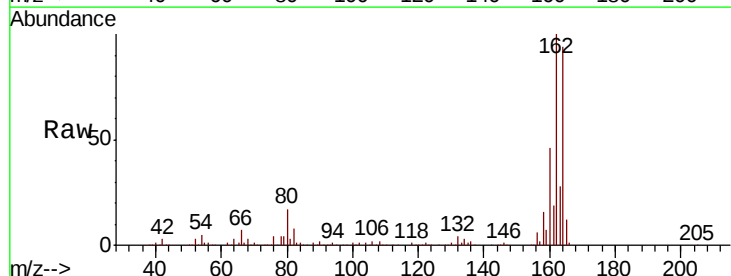


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

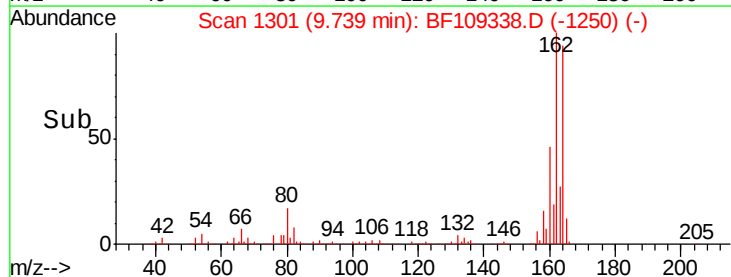
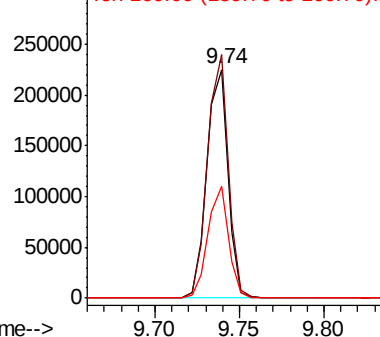


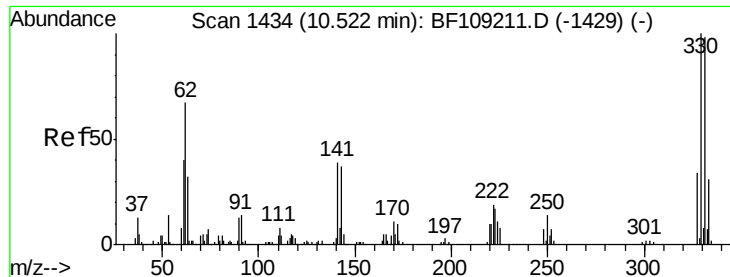
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. 0.00 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Tgt Ion: 164 Resp: 194706
Ion Ratio Lower Upper
164 100
162 106.4 86.1 129.1
160 48.8 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

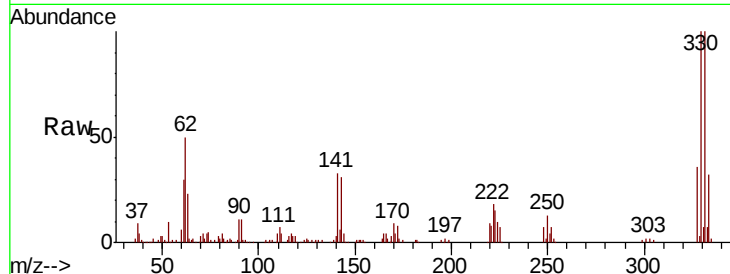




#41
 2,4,6-Tribromophenol
 Concen: 70.777 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109338.D
 Acq: 26 Sep 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	77.0	115.6
141	33.7	29.9	44.9

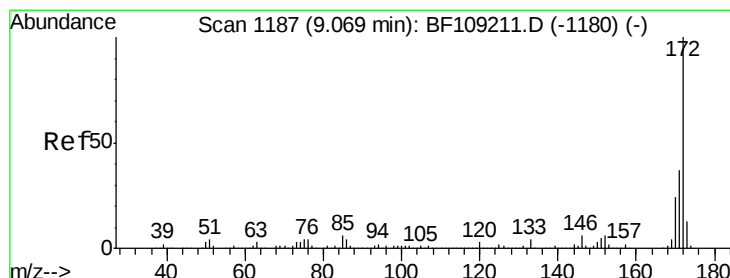
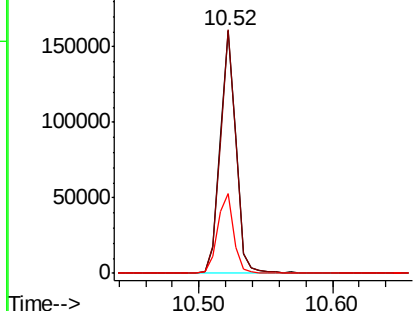
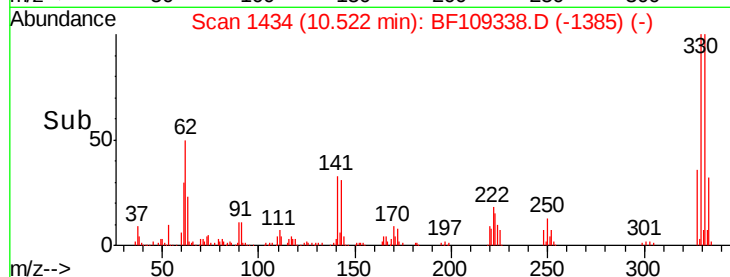


Abundance

Ion 329.80 (329.50 to 330.50): E

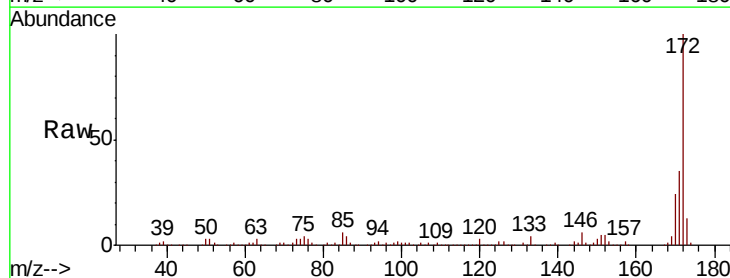
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 38.339 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109338.D
 Acq: 26 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.6	19.6	29.4

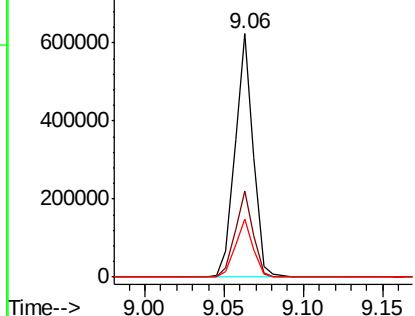
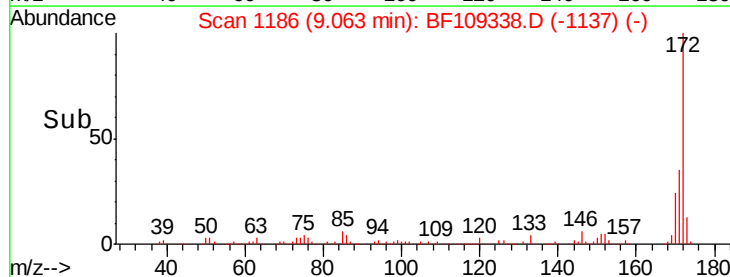


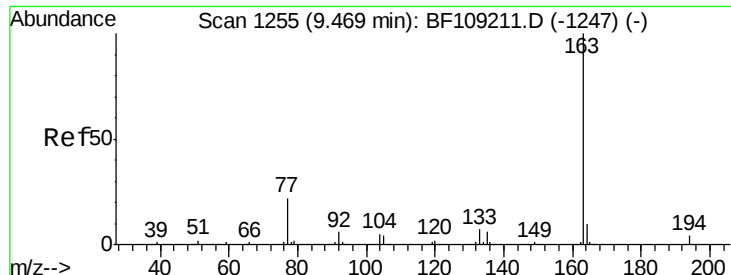
Abundance

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

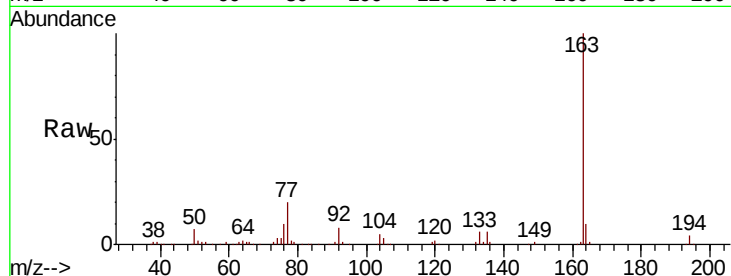




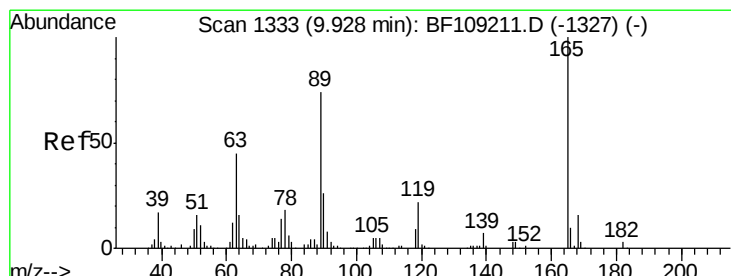
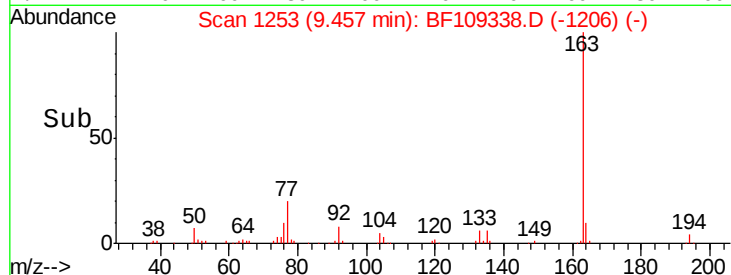
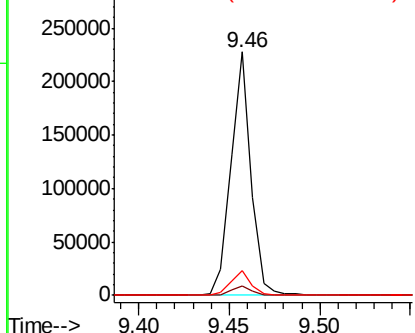
#49
Dimethylphthalate
Concen: 12.380 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	10.2	8.2	12.2

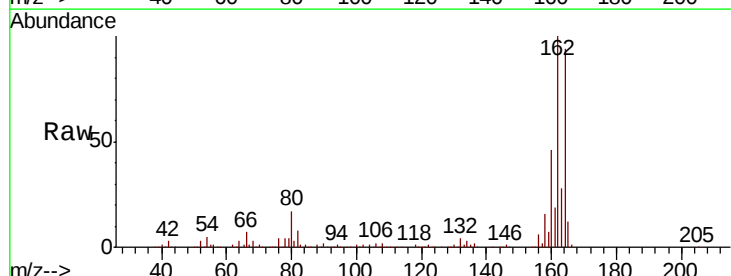


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

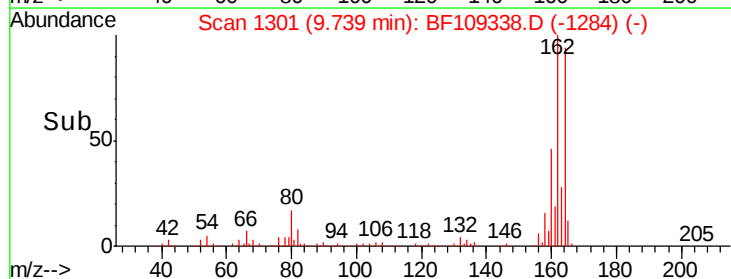
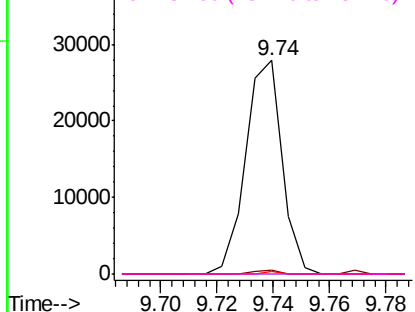


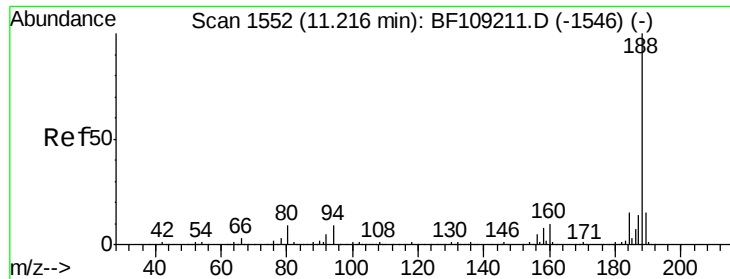
#56
2,4-Dinitrotoluene
Concen: 7.040 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.20 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	36.4	54.6#
89	1.3	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

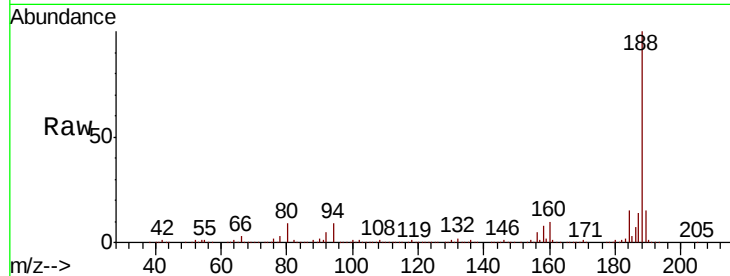




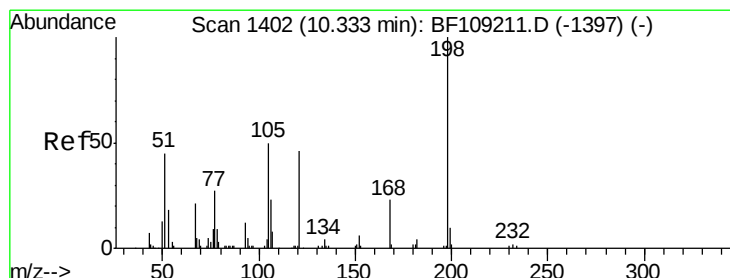
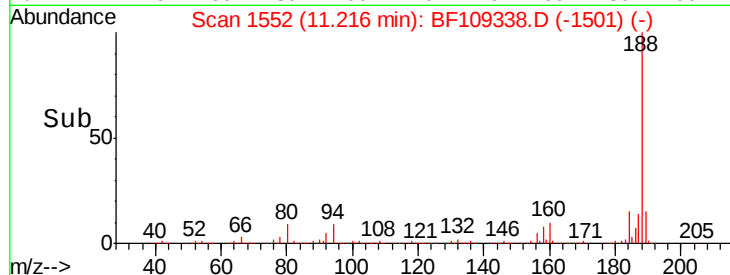
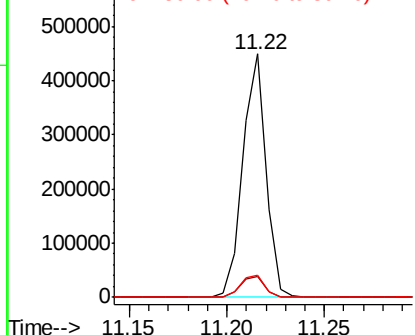
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 370331
Ion Ratio Lower Upper
188 100
94 8.7 8.5 12.7
80 9.2 9.2 13.8

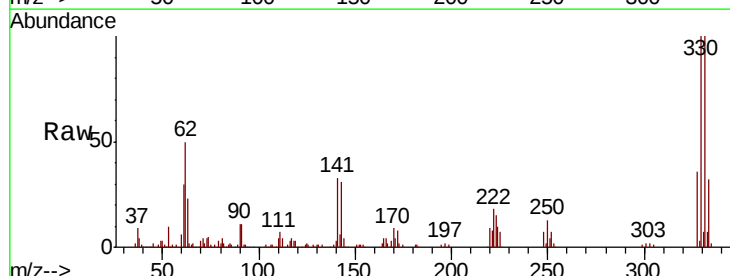


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

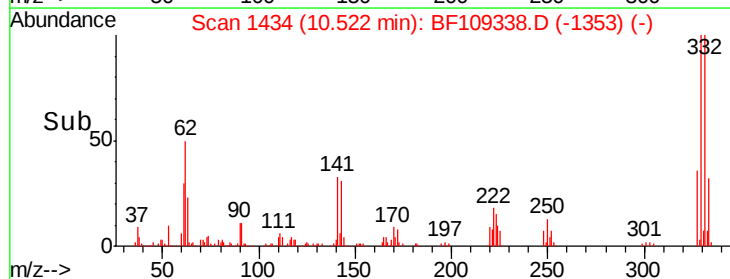
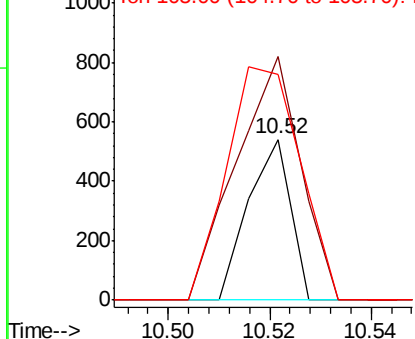


#64
4,6-Dinitro-2-methylphenol
Concen: 6.702 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Tgt Ion:198 Resp: 312
Ion Ratio Lower Upper
198 100
51 151.6 37.7 77.7#
105 140.5 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

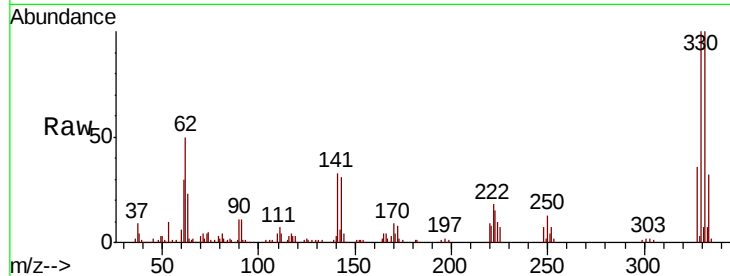




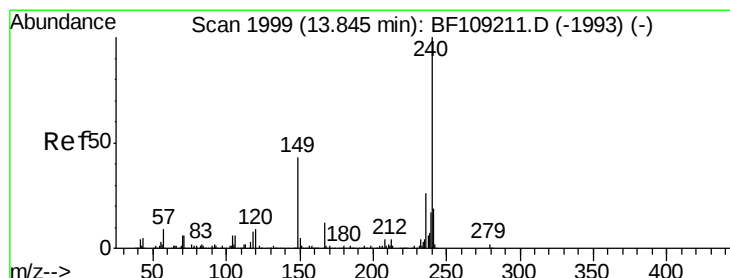
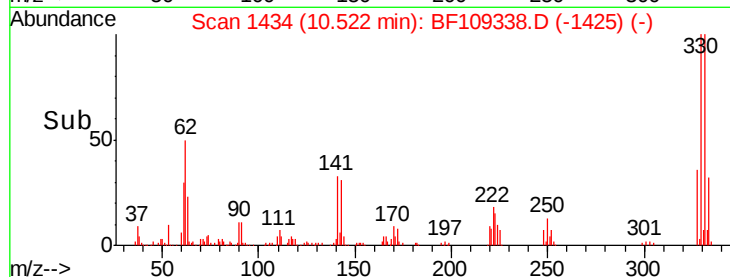
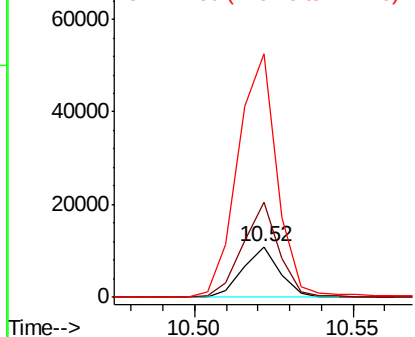
#66
4-Bromophenyl-phenylether
Concen: 2.115 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8696
Ion Ratio Lower Upper
248 100
250 189.3 76.9 115.3#
141 482.3 74.4 111.6#

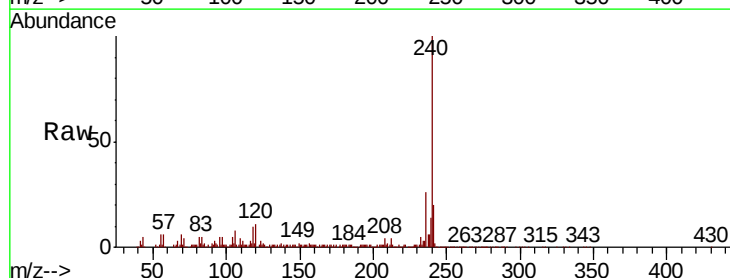


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

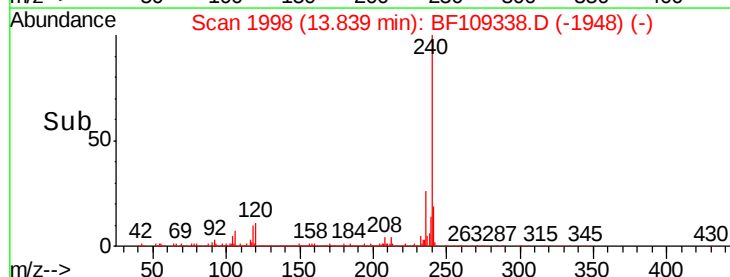
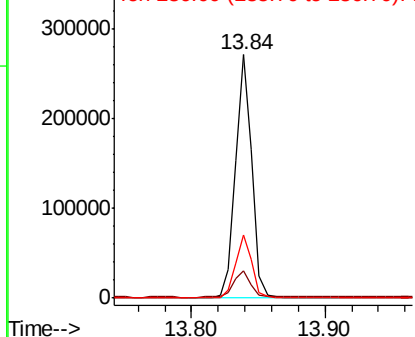


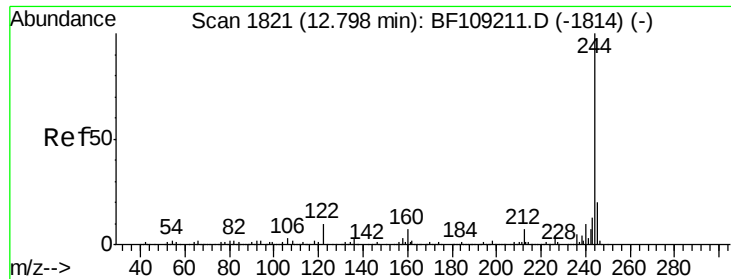
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109338.D
Acq: 26 Sep 2018 16:01

Tgt Ion:240 Resp: 232872
Ion Ratio Lower Upper
240 100
120 11.0 9.5 14.3
236 26.2 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

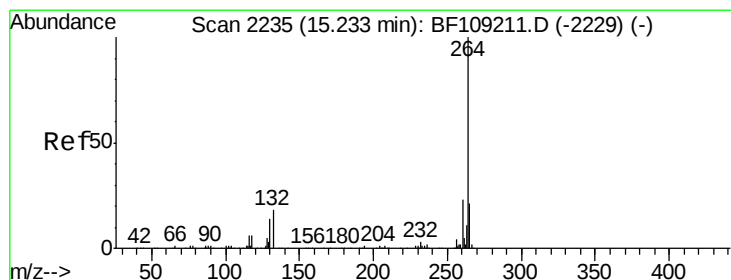
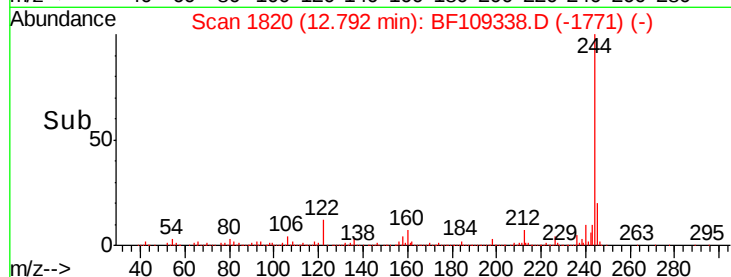
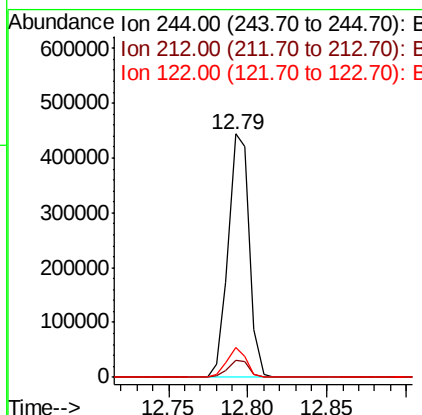
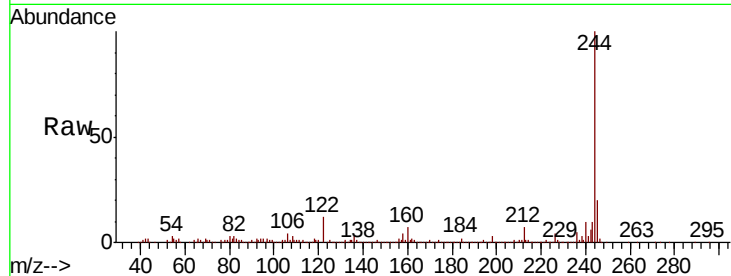




#78
 Terphenyl-d14
 Concen: 43.291 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109338.D
 Acq: 26 Sep 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 410784
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109338.D
 Acq: 26 Sep 2018 16:01

Tgt Ion:264 Resp: 261636
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.8 17.5 26.3

