

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092618\
 Data File : BF109333.D
 Acq On : 26 Sep 2018 13:51
 Operator : JU/SJ
 Sample : J5059-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 14:18:13 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

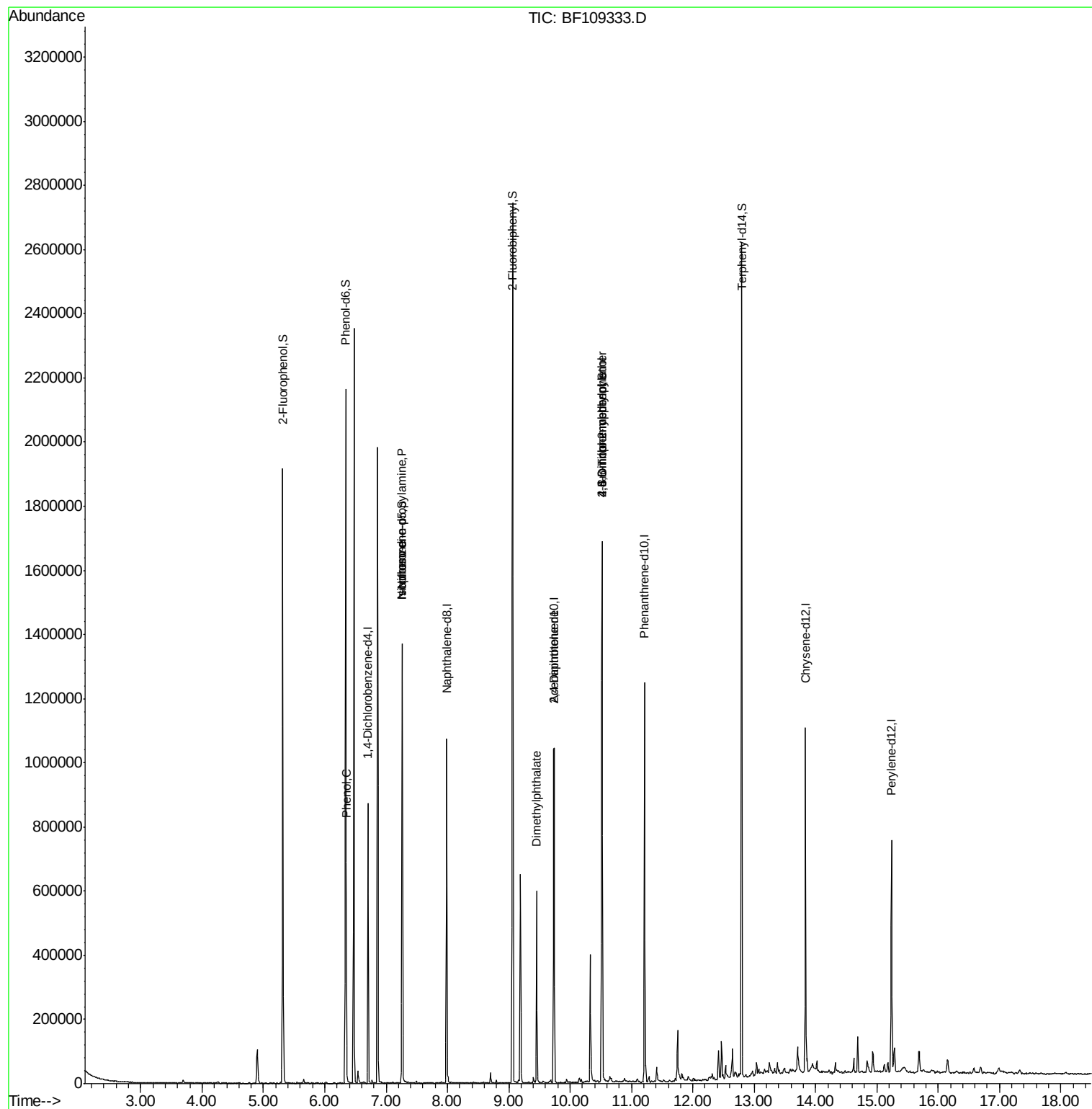
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115177	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	450178	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	217803	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	439636	20.00	ng	0.00
75) Chrysene-d12	13.84	240	327276	20.00	ng	0.00
86) Perylene-d12	15.24	264	315792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	571922	81.79	ng	0.00
7) Phenol-d6	6.35	99	741950	83.15	ng	-0.01
23) Nitrobenzene-d5	7.26	82	478343	62.72	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	199169	92.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	813602	56.34	ng	-0.01
78) Terphenyl-d14	12.80	244	855035	64.12	ng	0.00
Target Compounds						
10) Phenol	6.36	94	23037	2.280	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	64031	10.951	ng	# 78
25) Isophorone	7.26	82	443689	32.309	ng	# 64
49) Dimethylphthalate	9.46	163	214489	13.540	ng	100
56) 2,4-Dinitrotoluene	9.73	165	28031	7.061	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	336	6.685	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	12249	2.509	ng	# 1

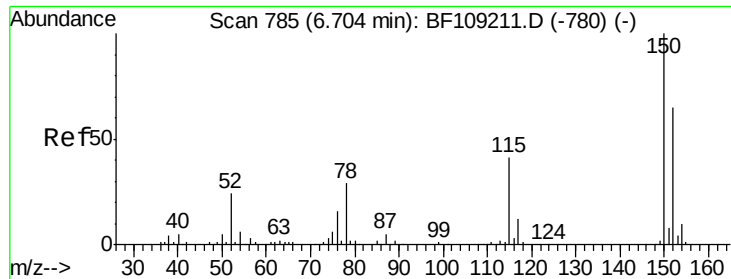
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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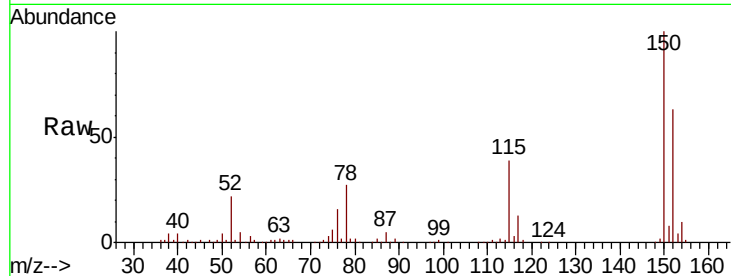


#1

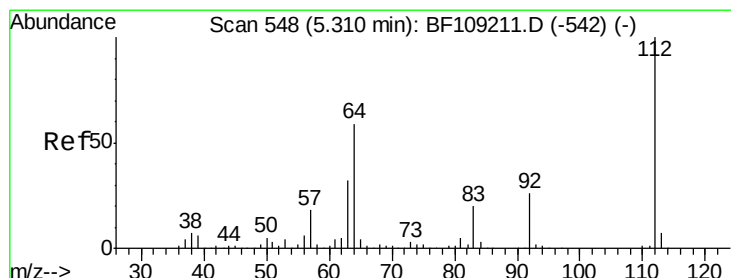
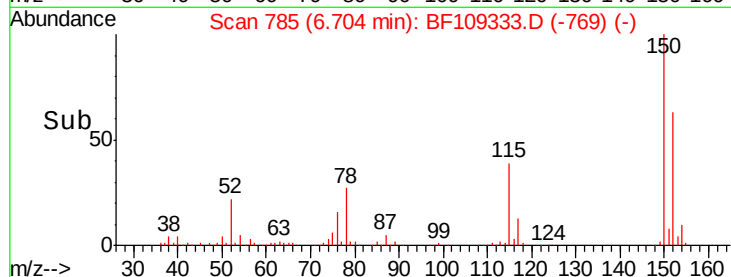
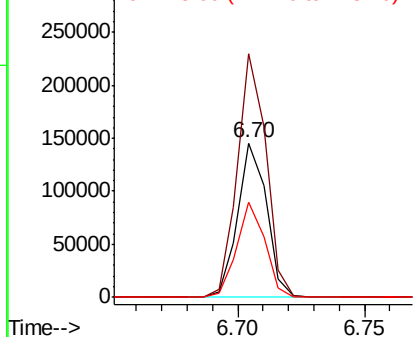
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115177
Ion Ratio Lower Upper
152 100
150 157.5 124.6 186.8
115 61.9 50.1 75.1



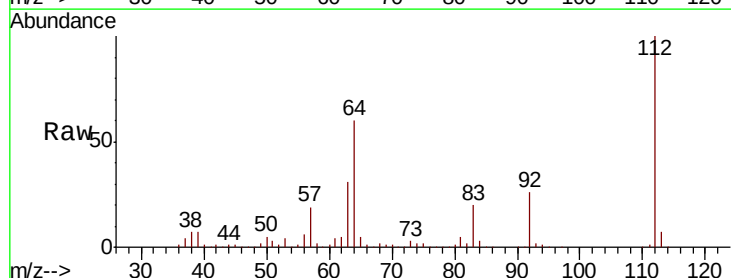
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



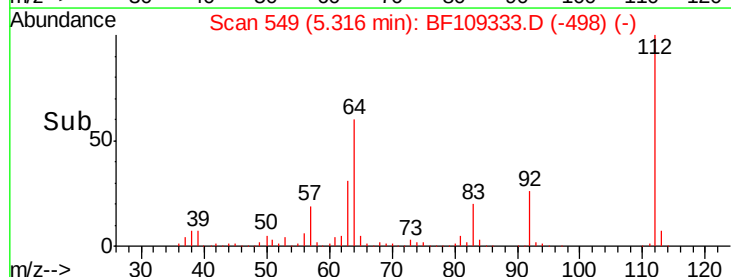
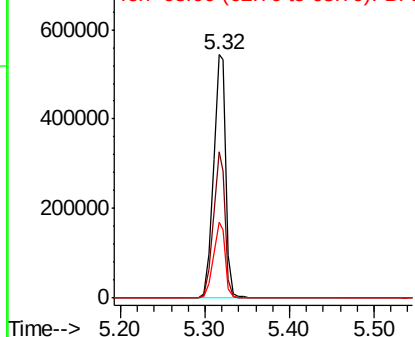
#5

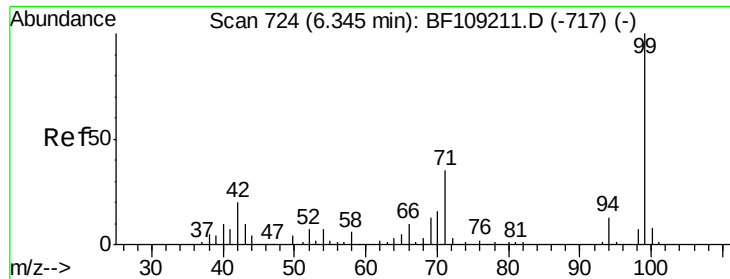
2-Fluorophenol
Concen: 81.787 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Tgt Ion:112 Resp: 571922
Ion Ratio Lower Upper
112 100
64 59.9 47.9 71.9
63 31.3 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: 83.149 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampled :

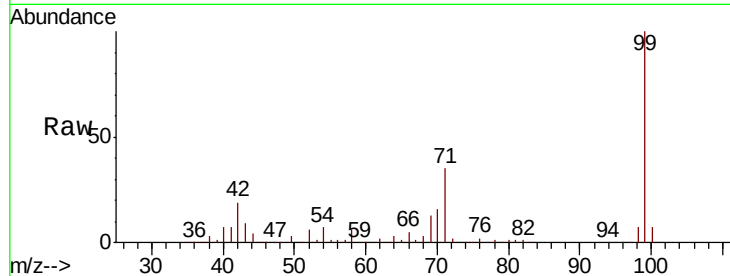
Tot Ion: 99 Resp: 741950

Ion Ratio Lower Upper

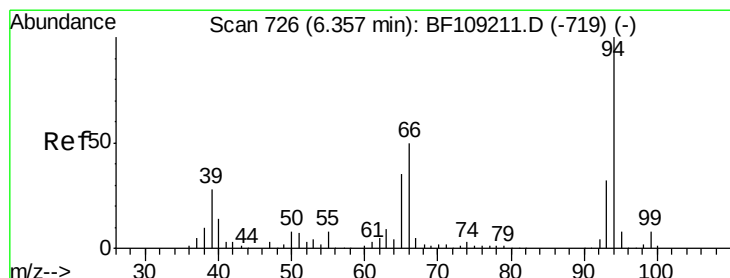
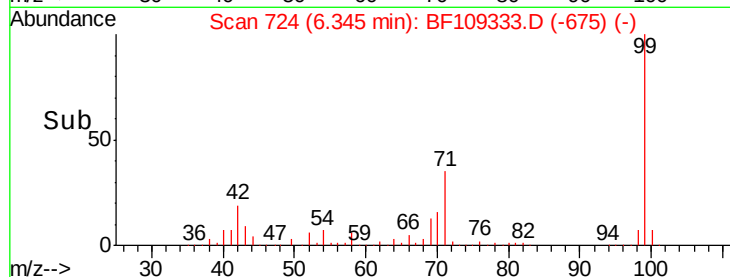
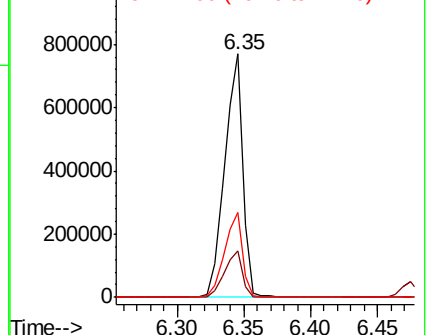
99 100

42 18.9 14.5 21.7

71 34.9 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



#10

Phenol

Concen: 2.280 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

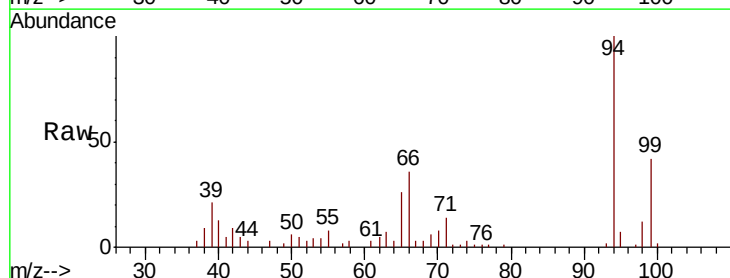
Tgt Ion: 94 Resp: 23037

Ion Ratio Lower Upper

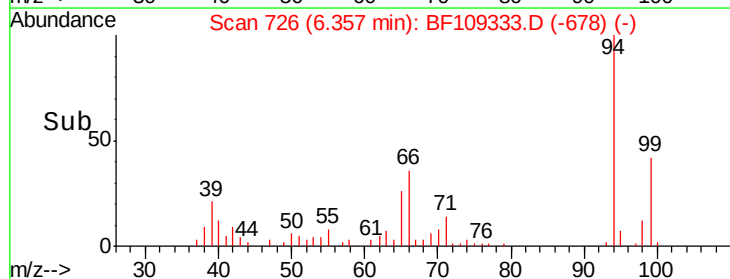
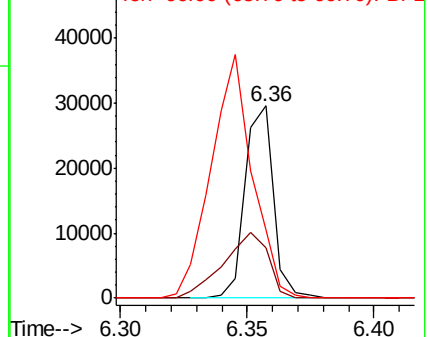
94 100

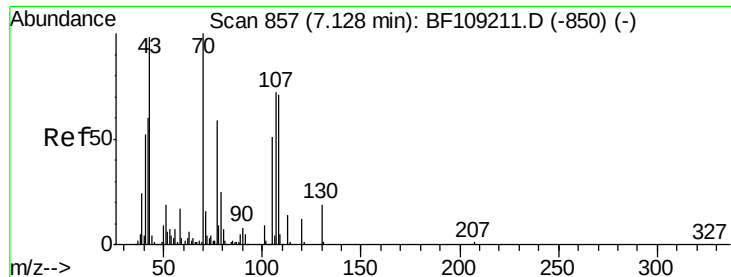
65 26.0 7.9 47.9

66 35.8 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

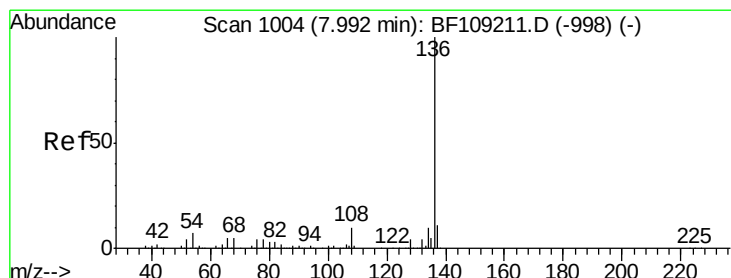
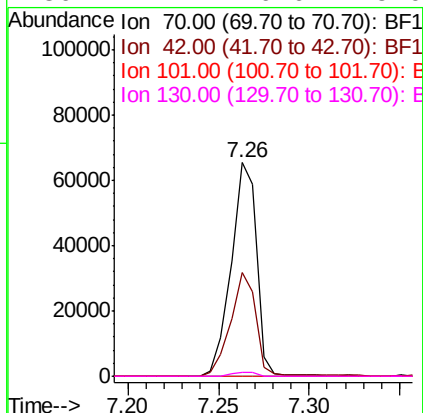
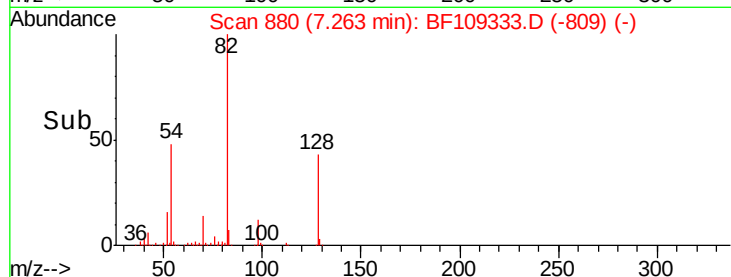
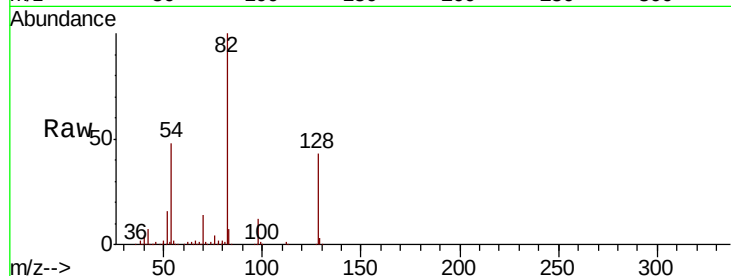




#19
n-Nitroso-di-n-propylamine
Concen: 10.951 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

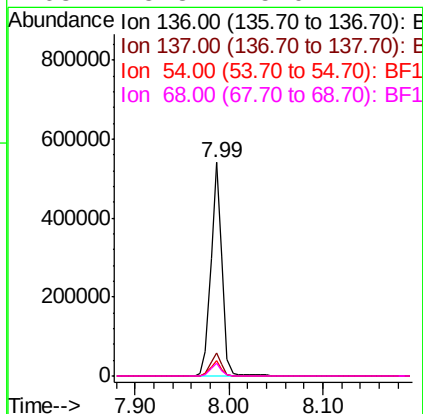
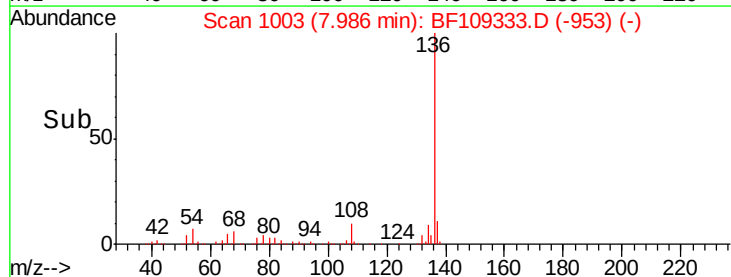
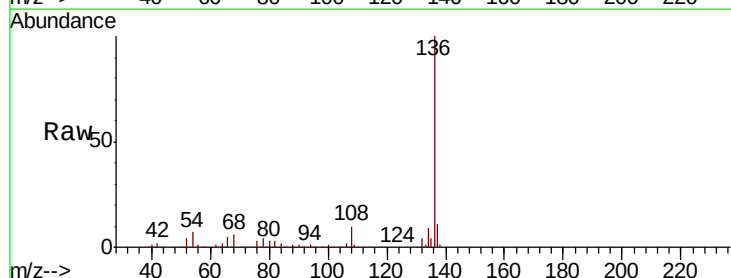
Instrument :
BNA_F
ClientSampleId :

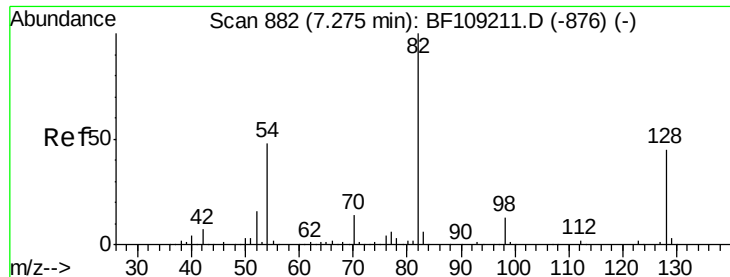
Tot Ion	Ratio	Lower	Upper
70	100		
42	48.4	47.5	71.3
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	7.2	6.6	9.8
68	5.8	5.0	7.4





#23

Nitrobenzene-d5

Concen: 62.725 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampleId :

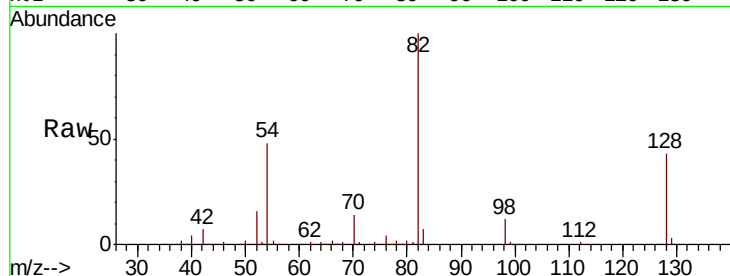
Tot Ion: 82 Resp: 478343

Ion Ratio Lower Upper

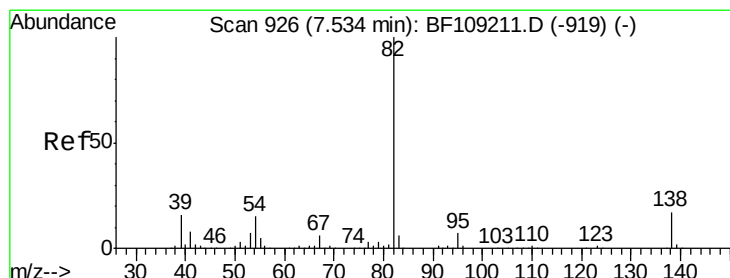
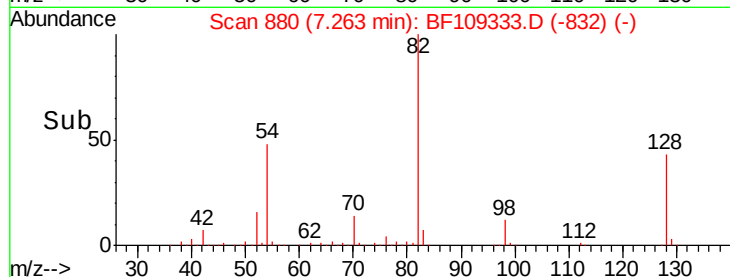
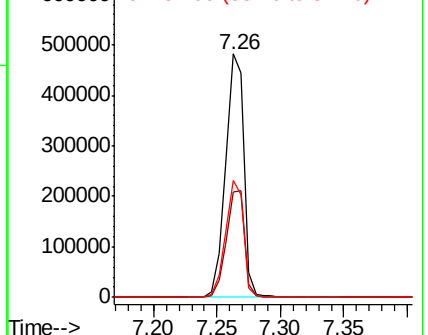
82 100

128 43.1 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): BF1
Ion 54.00 (53.70 to 54.70): BF1



#25

Isophorone

Concen: 32.309 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

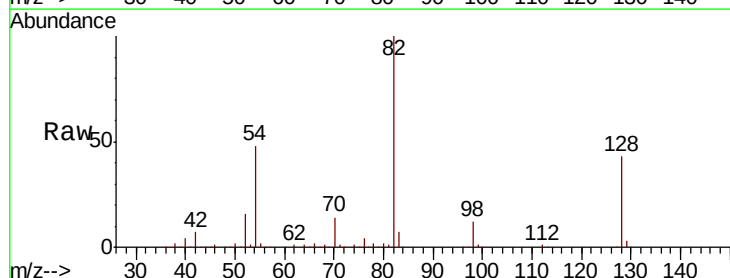
Tgt Ion: 82 Resp: 443689

Ion Ratio Lower Upper

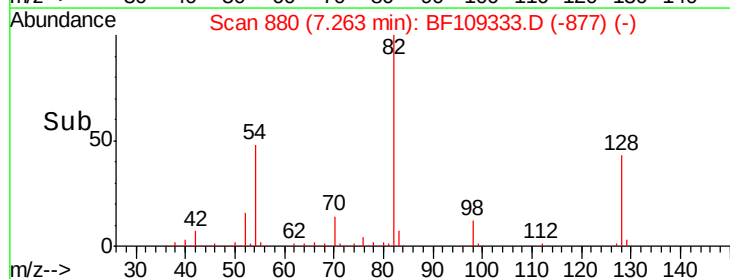
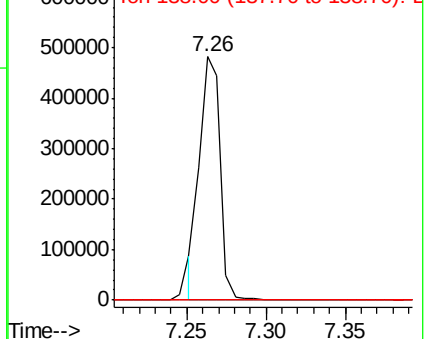
82 100

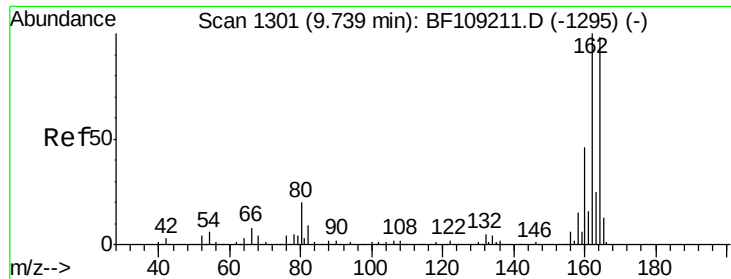
95 0.0 5.2 7.8#

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: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampleId :

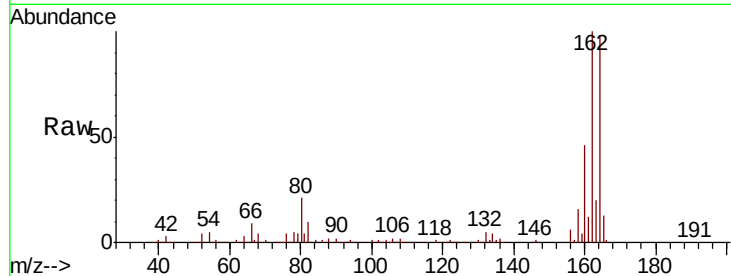
Tot Ion:164 Resp: 217803

Ion Ratio Lower Upper

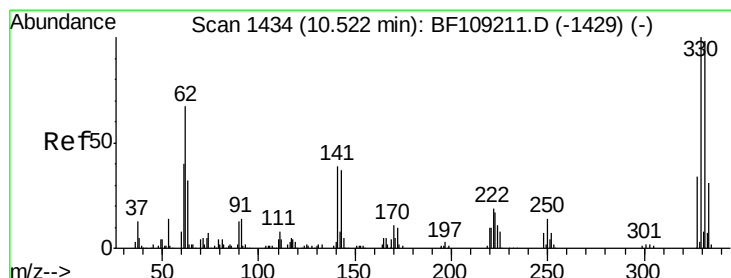
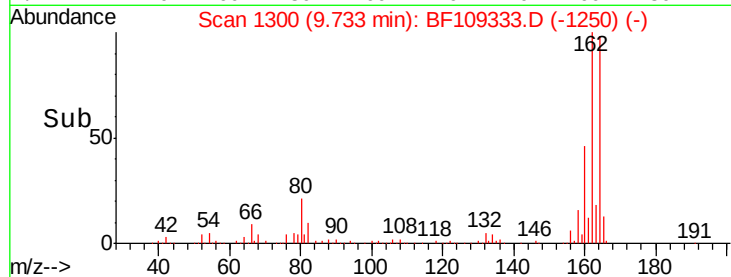
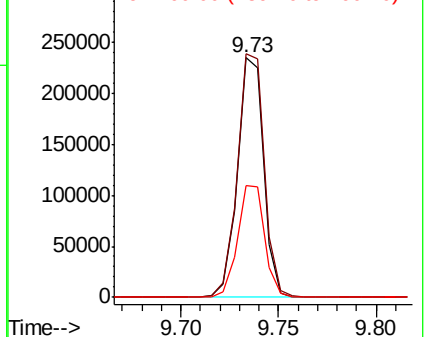
164 100

162 101.8 86.1 129.1

160 46.9 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: 92.763 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

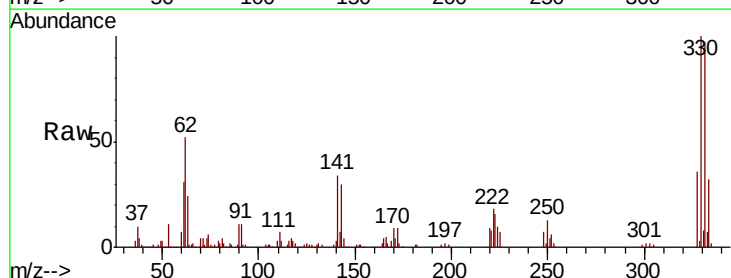
Tgt Ion:330 Resp: 199169

Ion Ratio Lower Upper

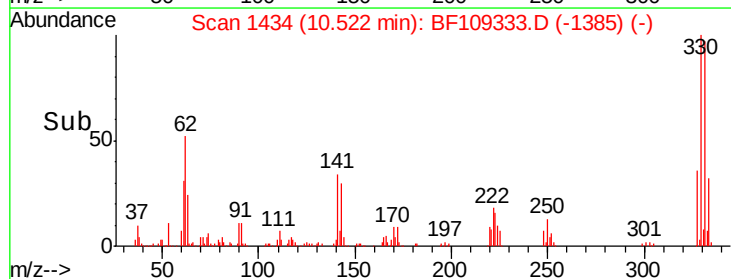
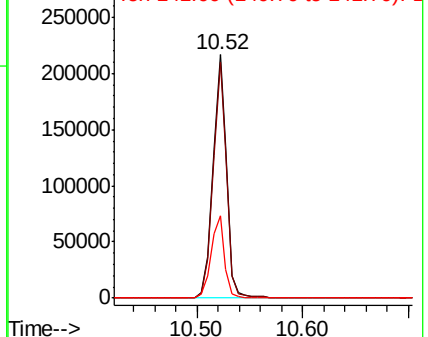
330 100

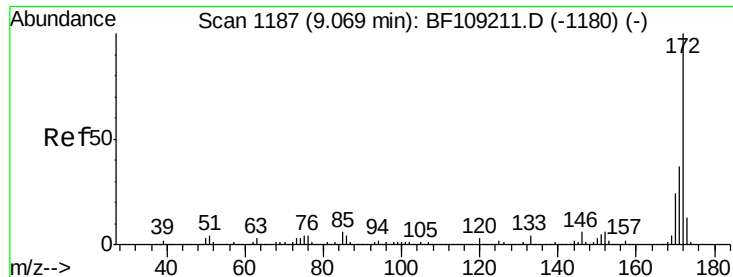
332 96.0 77.0 115.6

141 33.3 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

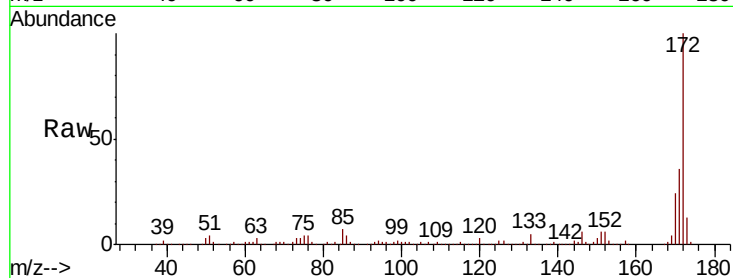




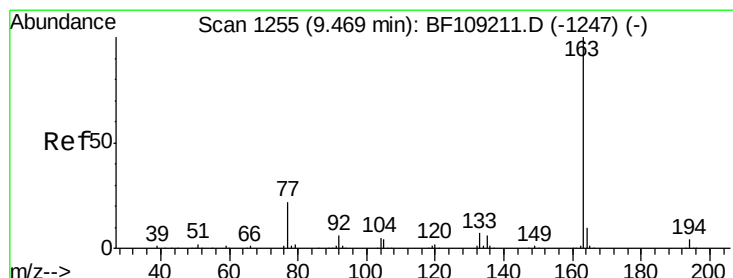
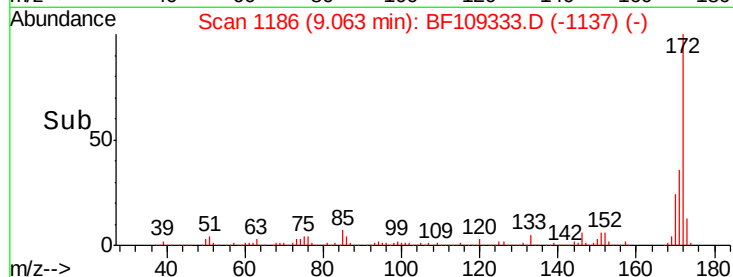
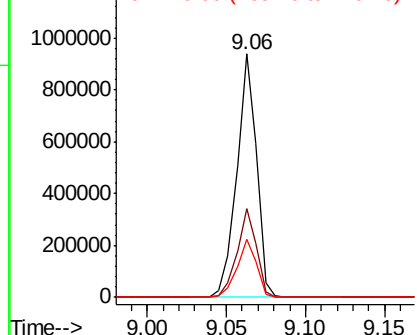
#44
2-Fluorobiphenyl
Concen: 56.338 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 813602
Ion Ratio Lower Upper
172 100
171 36.2 29.7 44.5
170 23.8 19.6 29.4

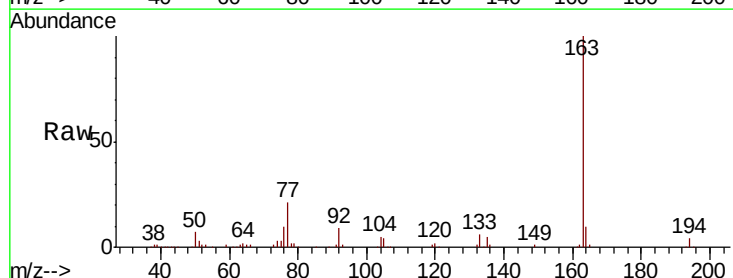


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

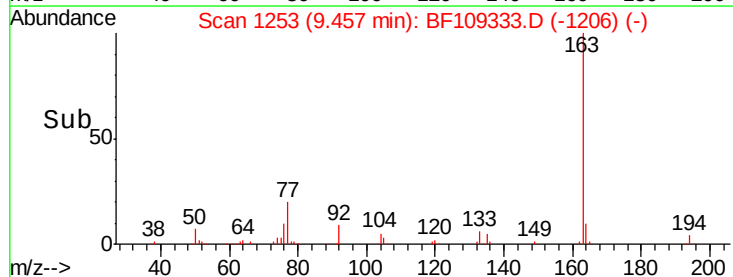
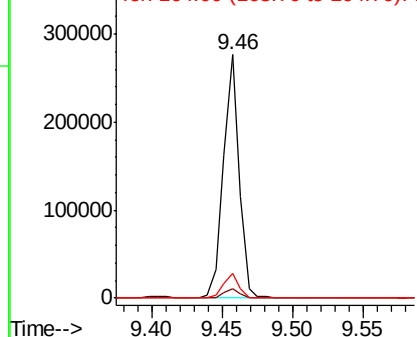


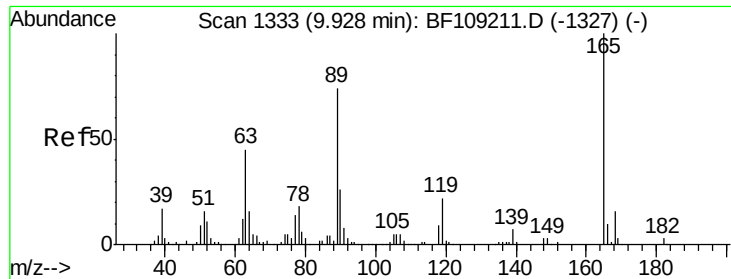
#49
Dimethylphthalate
Concen: 13.540 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109333.D
Acq: 26 Sep 2018 13:51

Tgt Ion:163 Resp: 214489
Ion Ratio Lower Upper
163 100
194 3.6 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

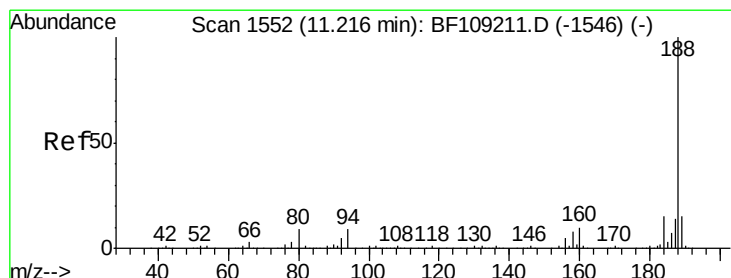
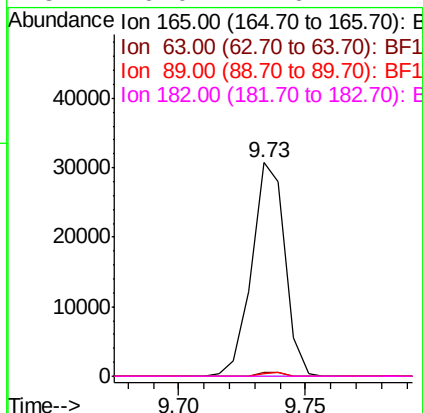
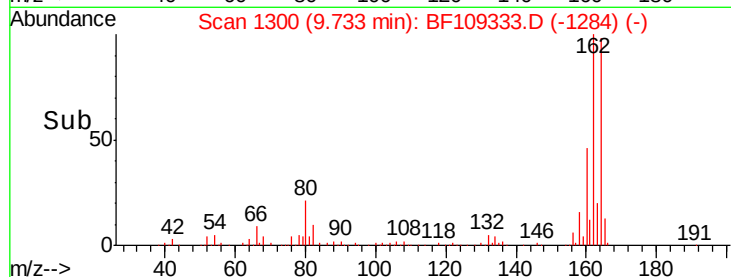
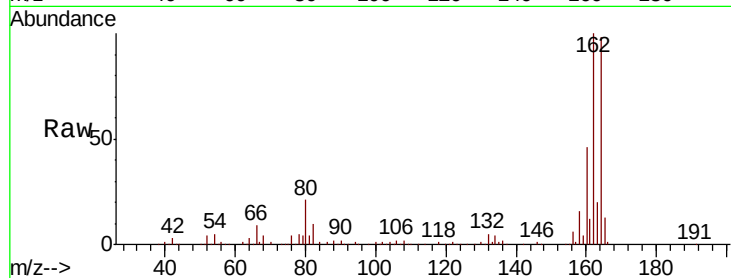




#56
 2,4-Dinitrotoluene
 Concen: 7.061 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109333.D
 Acq: 26 Sep 2018 13:51

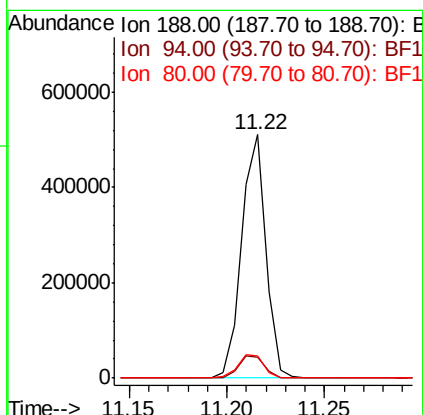
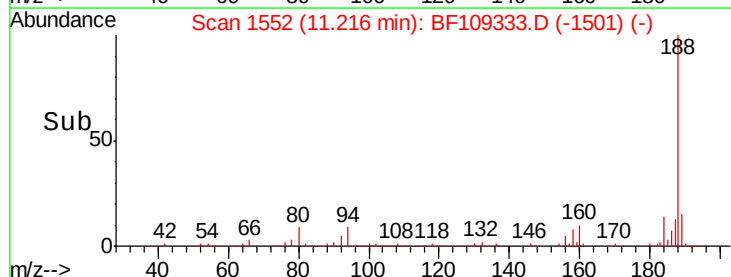
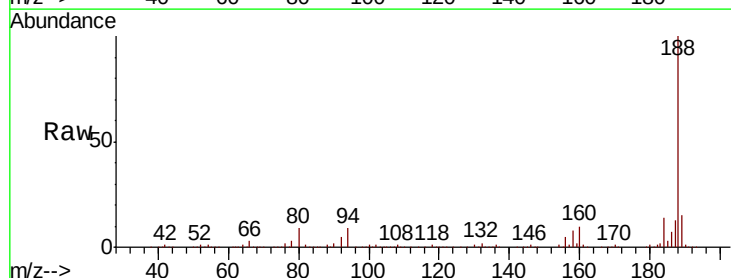
Instrument :
 BNA_F
 ClientSampleId :

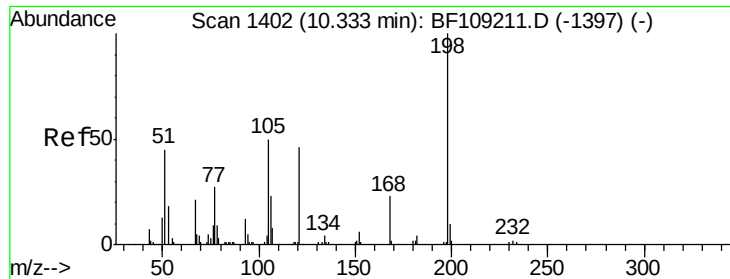
Tot Ion:165	Resp:	28031
Ion Ratio	Lower	Upper
165	100	
63	1.8	36.4 54.6#
89	1.2	57.8 86.6#
182	0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF109333.D
 Acq: 26 Sep 2018 13:51

Tgt Ion:188	Resp:	439636
Ion Ratio	Lower	Upper
188	100	
94	8.7	8.5 12.7
80	9.3	9.2 13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.685 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.17 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampleId :

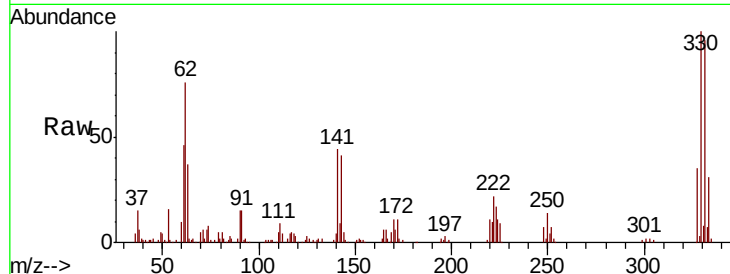
Tot Ion:198 Resp: 336

Ion Ratio Lower Upper

198 100

51 161.7 37.7 77.7#

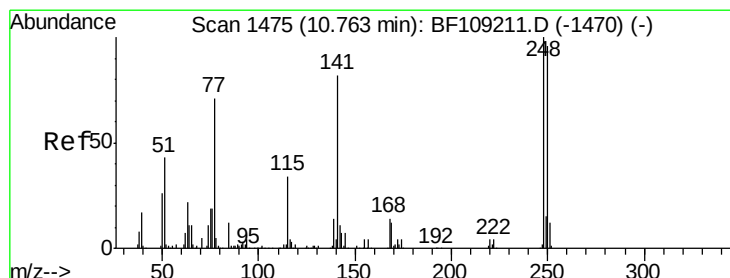
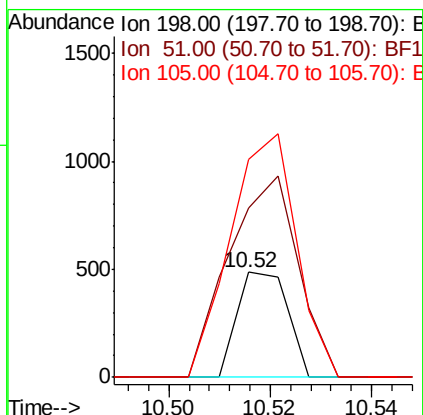
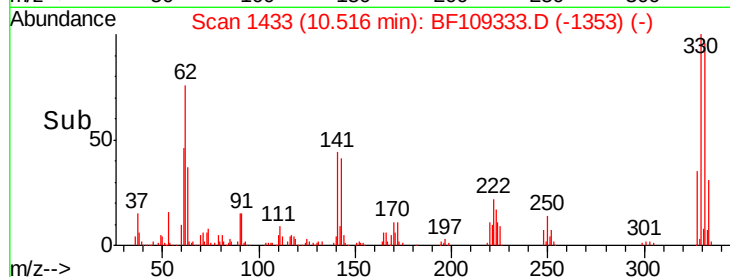
105 208.2 36.3 76.3#



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: 2.509 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

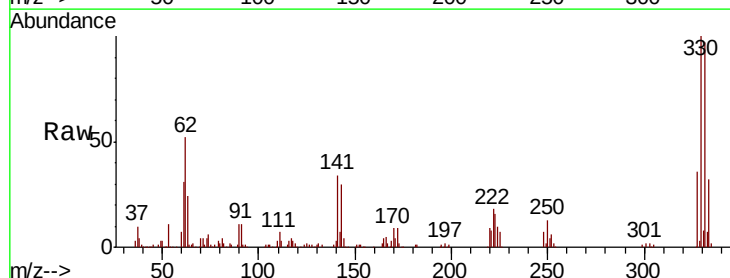
Tgt Ion:248 Resp: 12249

Ion Ratio Lower Upper

248 100

250 191.1 76.9 115.3#

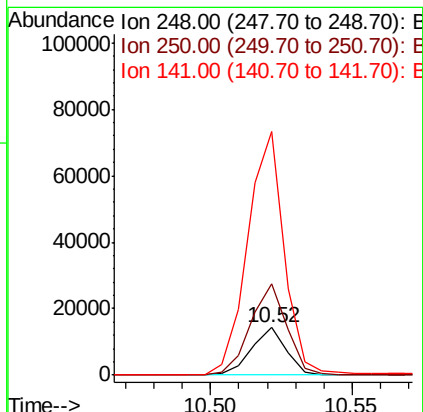
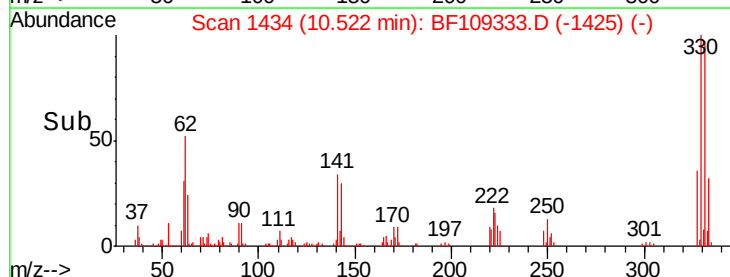
141 512.6 74.4 111.6#

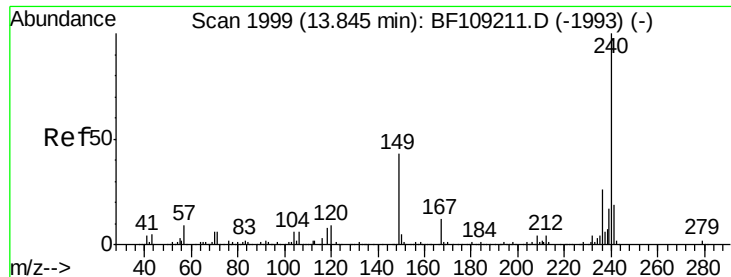


Abundance Ion 248.00 (247.70 to 248.70): E

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: BF109333.D

Acq: 26 Sep 2018 13:51

Instrument :

BNA_F

ClientSampled :

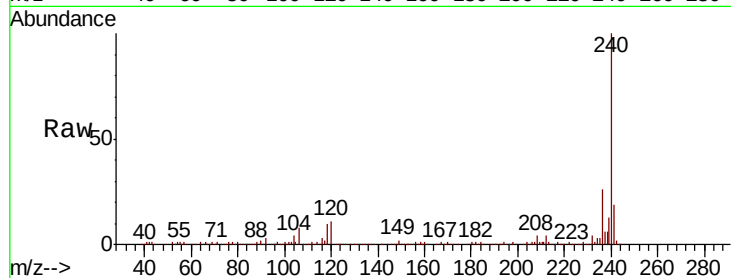
Tot Ion:240 Resp: 327276

Ion Ratio Lower Upper

240 100

120 11.2 9.5 14.3

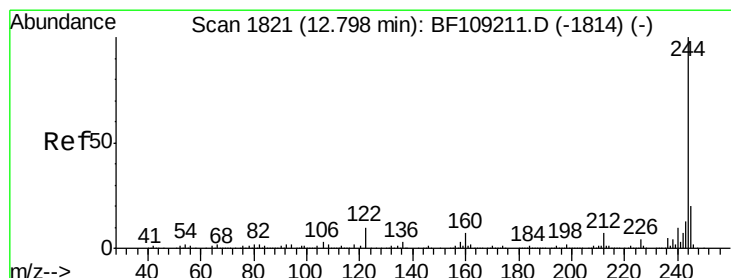
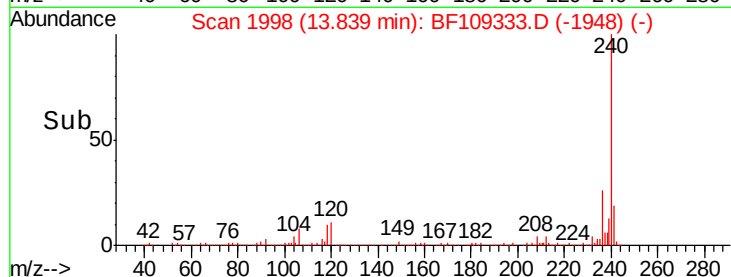
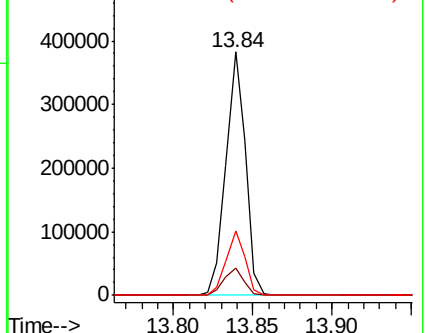
236 26.2 20.7 31.1



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: 64.117 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109333.D

Acq: 26 Sep 2018 13:51

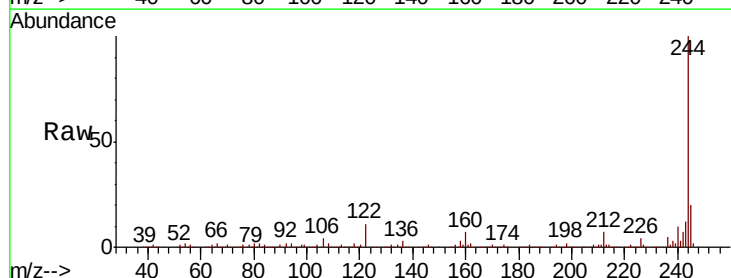
Tgt Ion:244 Resp: 855035

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

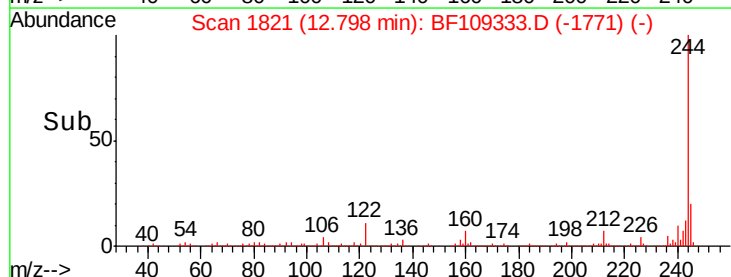
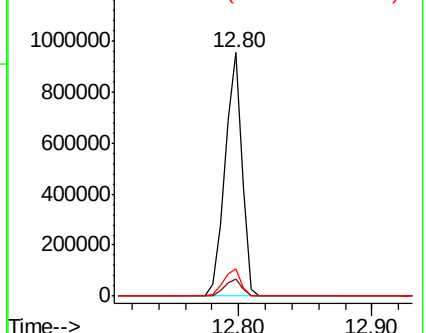
122 11.2 11.0 16.4

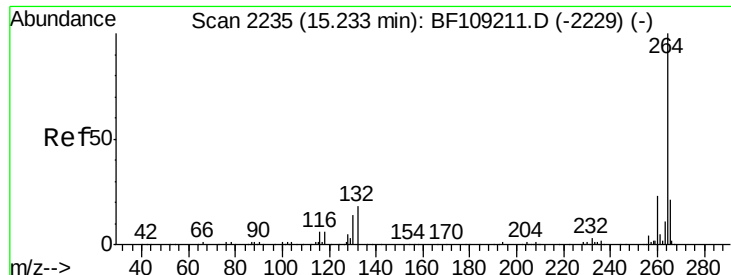


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109333.D
Acq: 26 Sep 2018 13:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.4	17.5	26.3

