

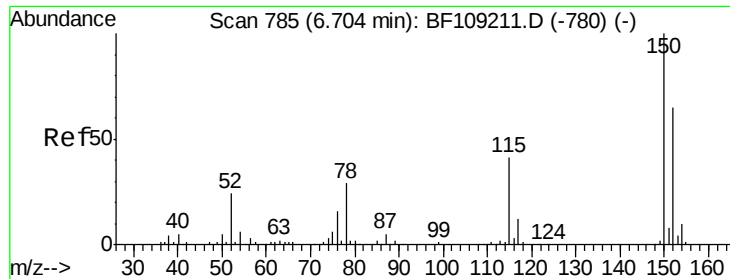
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109261.D
 Acq On : 24 Sep 2018 12:31
 Operator : JU/SJ
 Sample : J5025-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 13:25:56 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	115390	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	446194	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	215687	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	414284	20.00	ng	0.00
75) Chrysene-d12	13.84	240	290054	20.00	ng	0.00
86) Perylene-d12	15.24	264	313056	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	581941	83.07	ng	0.00
7) Phenol-d6	6.35	99	760009	85.02	ng	-0.01
23) Nitrobenzene-d5	7.27	82	477819	63.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	203200	95.57	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	884763	61.87	ng	-0.01
78) Terphenyl-d14	12.79	244	794144	67.19	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	37774	3.731	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	64104	10.944	ng	# 77
25) Isophorone	7.27	82	450849	33.124	ng	# 64
49) Dimethylphthalate	9.46	163	332618	21.203	ng	100
56) 2,4-Dinitrotoluene	9.73	165	27469	6.987	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	243	6.646	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	12420	2.700	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	33271	2.983	ng	99

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

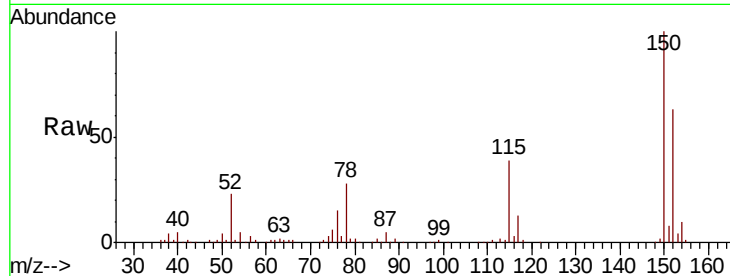


#1

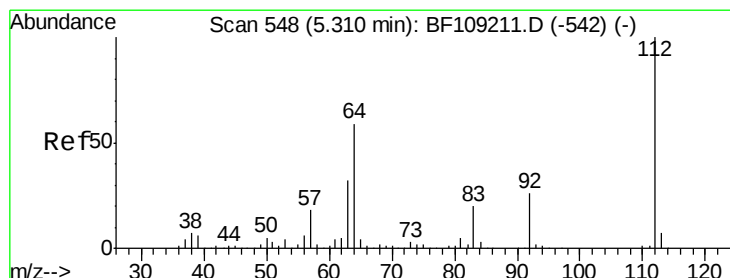
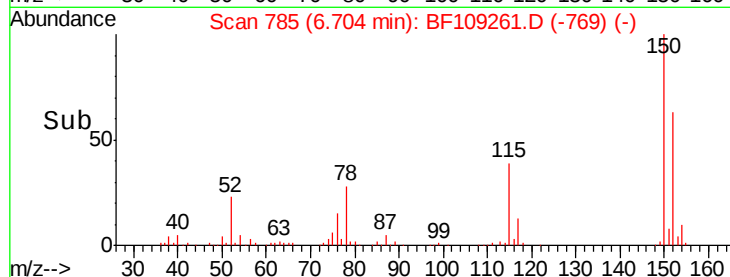
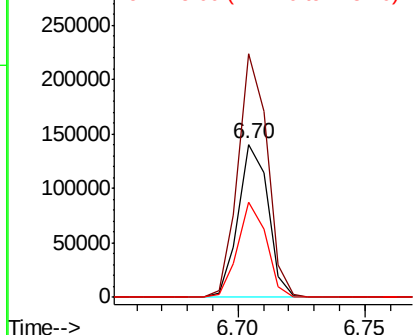
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 115390
Ion Ratio Lower Upper
152 100
150 159.0 124.6 186.8
115 61.7 50.1 75.1



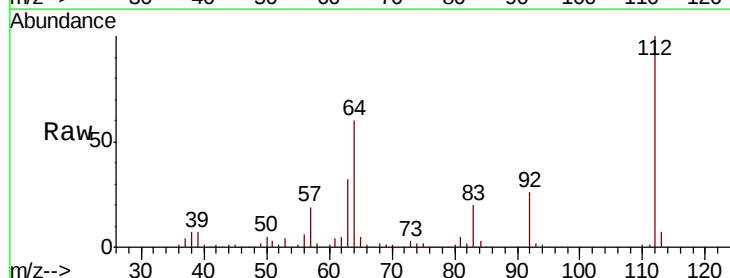
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



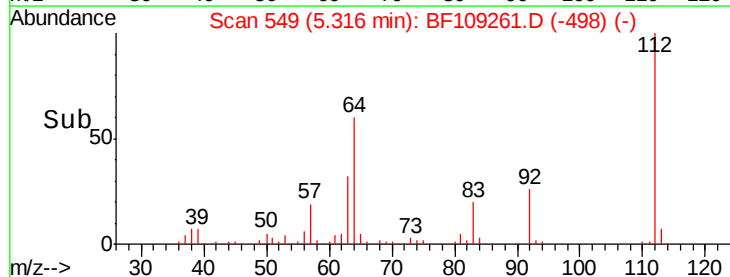
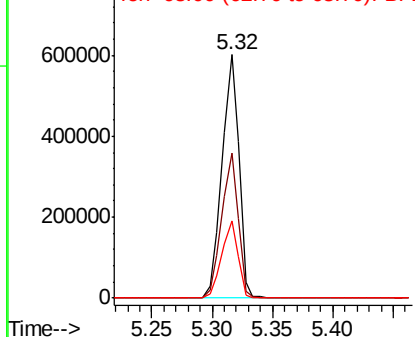
#5

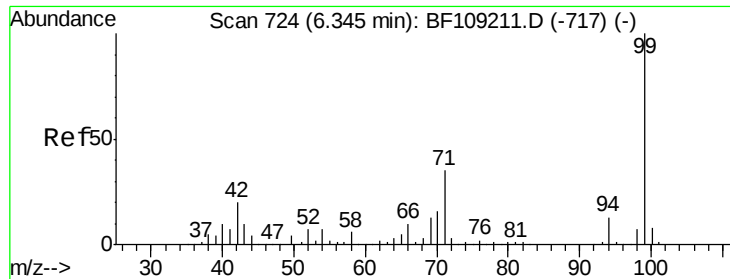
2-Fluorophenol
Concen: 83.066 ng
RT: 5.32 min Scan# 549
Delta R.T. -0.00 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion:112 Resp: 581941
Ion Ratio Lower Upper
112 100
64 59.7 47.9 71.9
63 31.5 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: 85.016 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampled :

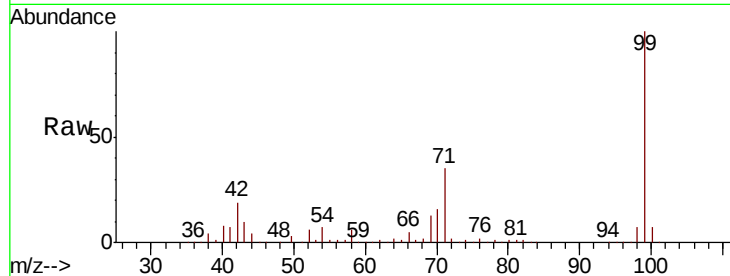
Tot Ion: 99 Resp: 760009

Ion Ratio Lower Upper

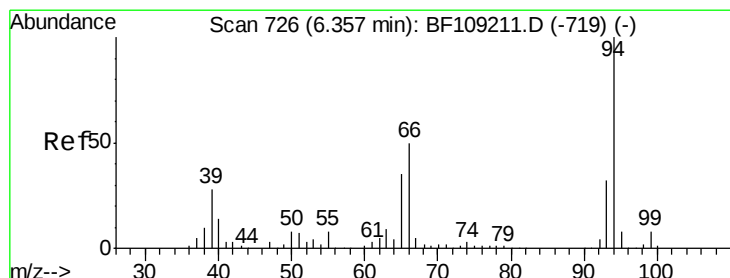
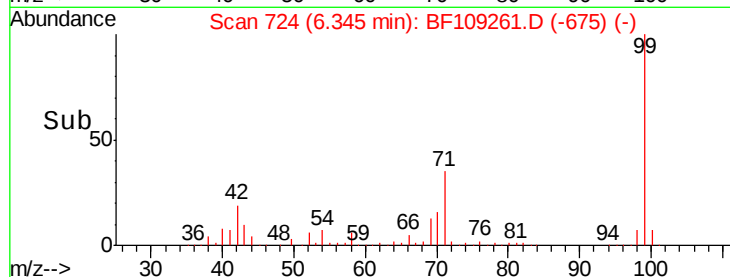
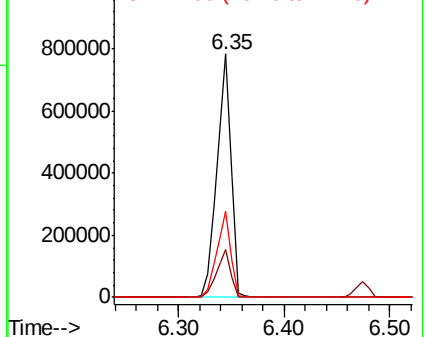
99 100

42 19.4 14.5 21.7

71 35.3 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: 3.731 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

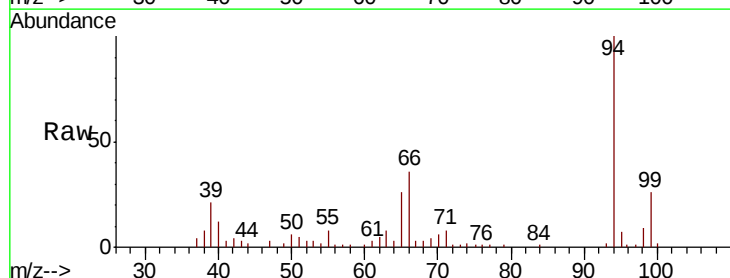
Tgt Ion: 94 Resp: 37774

Ion Ratio Lower Upper

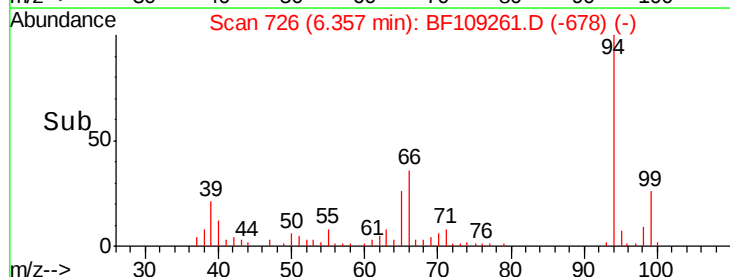
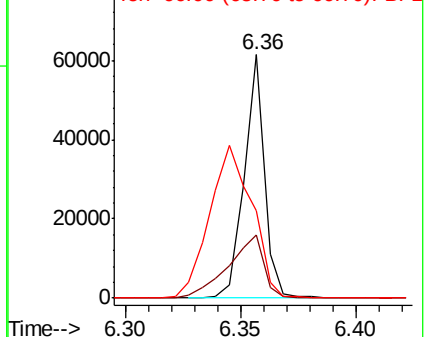
94 100

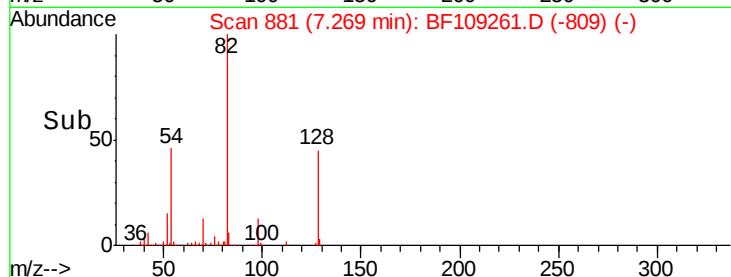
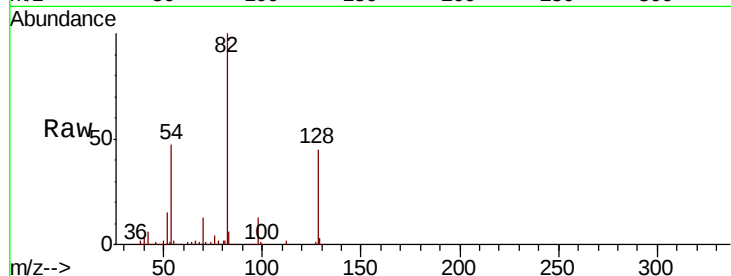
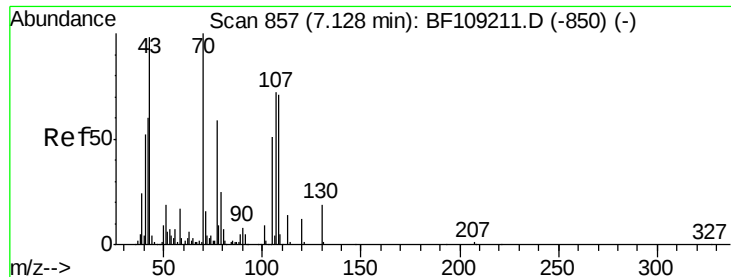
65 25.7 7.9 47.9

66 36.0 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

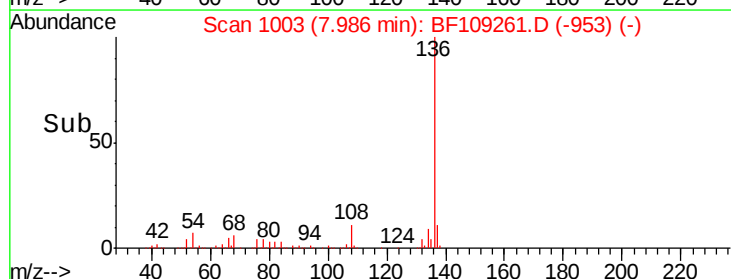
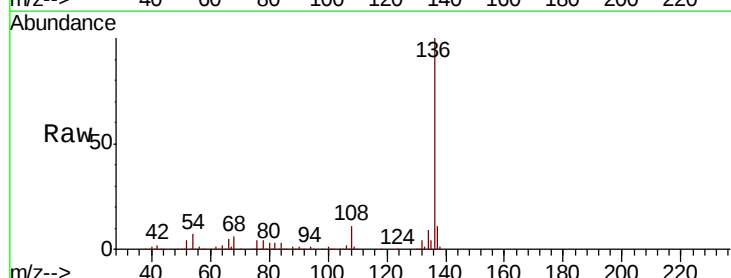
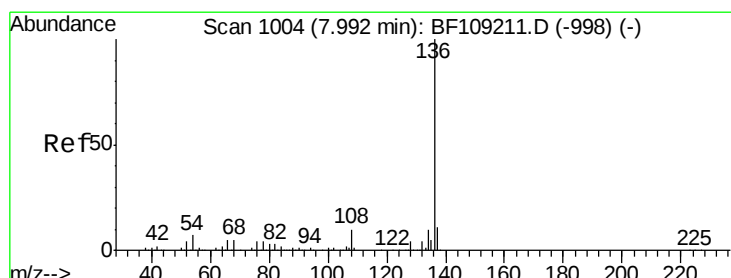
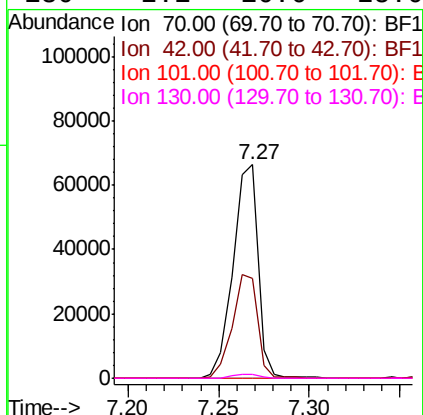




#19
n-Nitroso-di-n-propylamine
Concen: 10.944 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

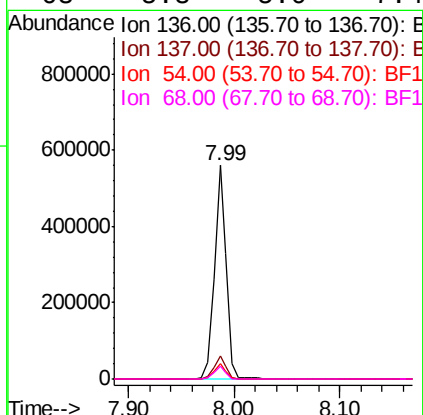
Instrument :
BNA_F
ClientSampleId :

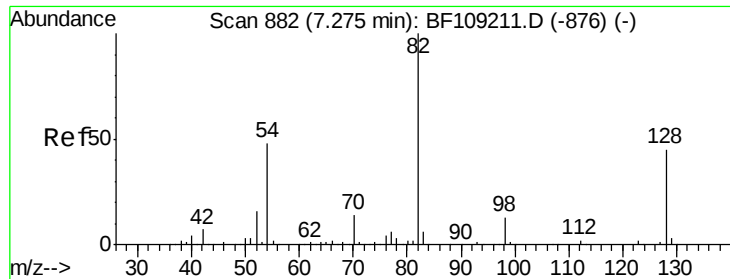
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.8	47.5	71.3#
101	0.0	7.4	11.2#
130	2.1	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	7.3	6.6	9.8
68	5.8	5.0	7.4

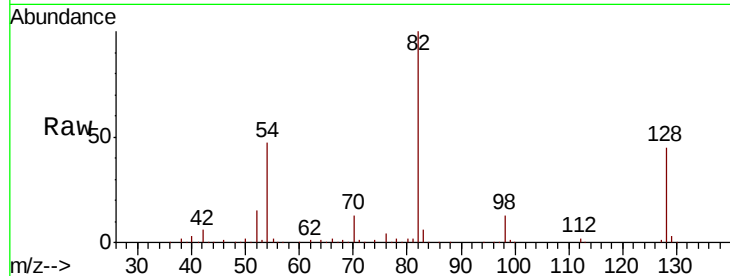




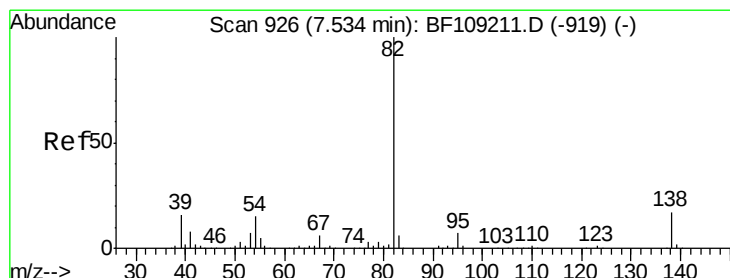
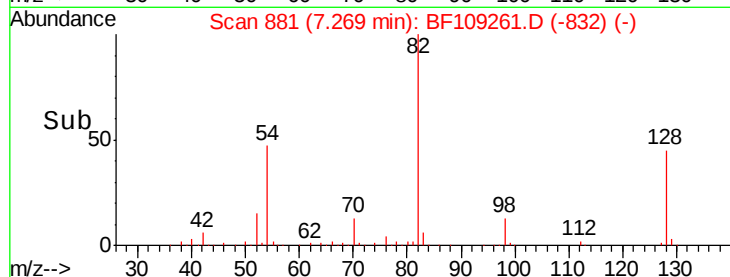
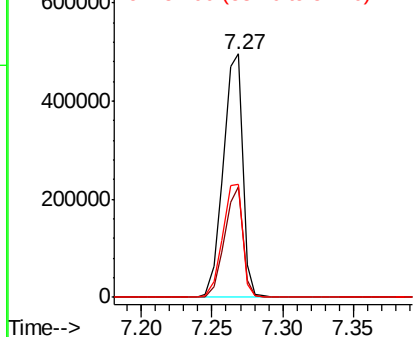
#23
Nitrobenzene-d5
Concen: 63.216 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	477819
Ion Ratio	Lower	Upper	
82	100		
128	45.3	36.1	54.1
54	46.5	41.4	62.2

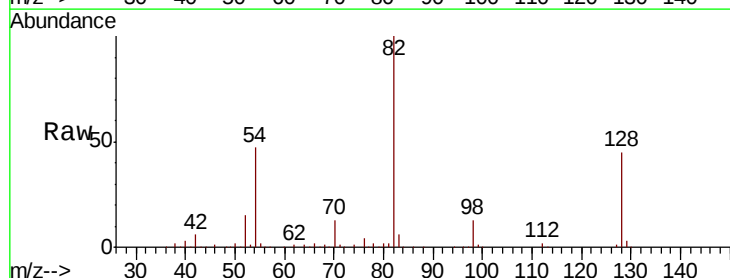


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

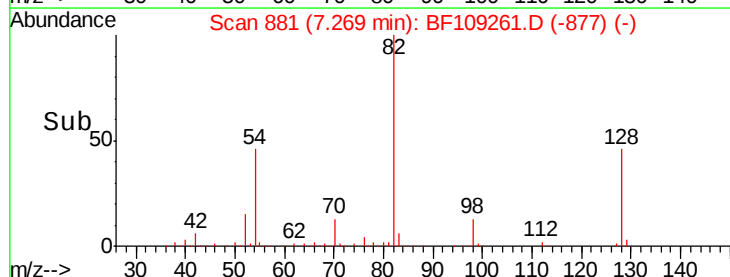
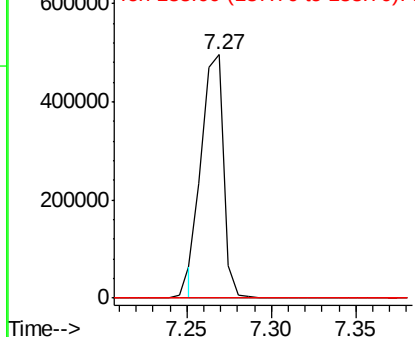


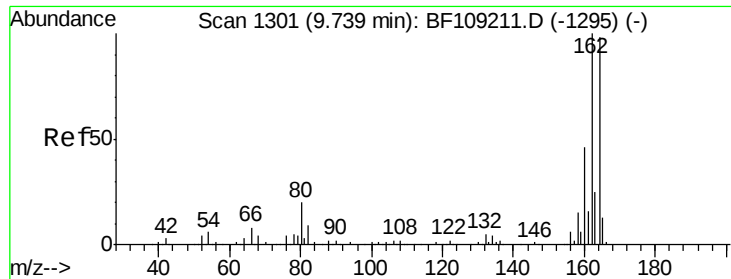
#25
Isophorone
Concen: 33.124 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion	82	Resp	450849
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: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

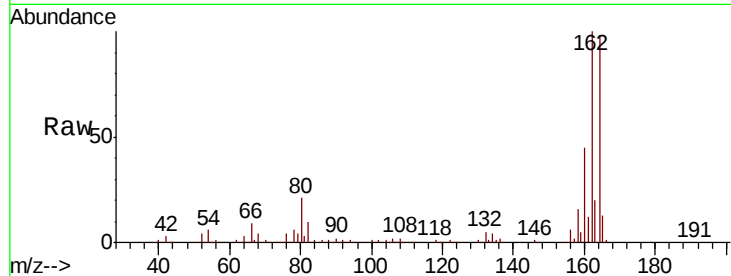
Tot Ion:164 Resp: 215687

Ion Ratio Lower Upper

164 100

162 101.9 86.1 129.1

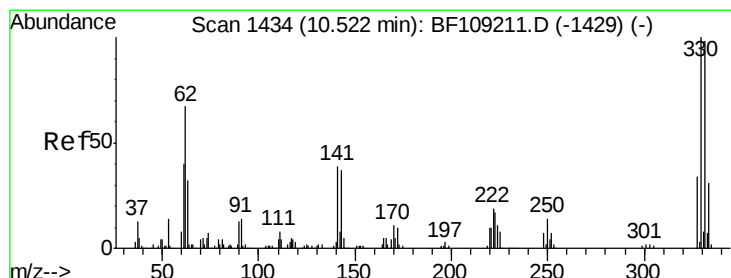
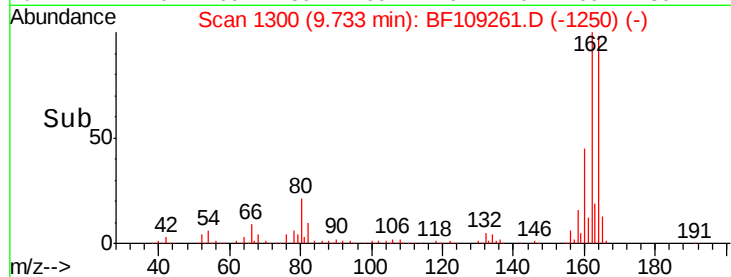
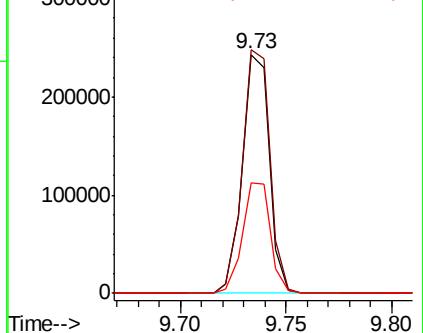
160 46.4 38.3 57.5



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: 95.568 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

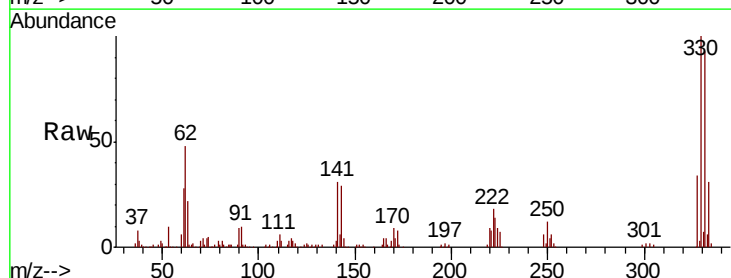
Tgt Ion:330 Resp: 203200

Ion Ratio Lower Upper

330 100

332 93.9 77.0 115.6

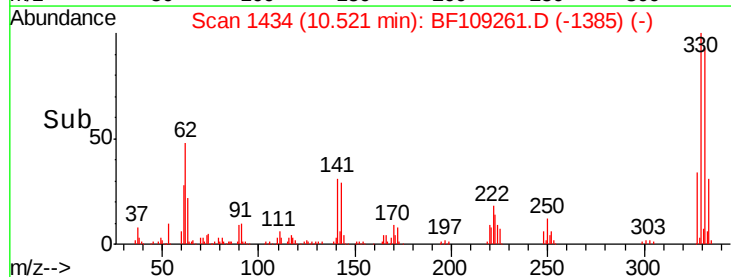
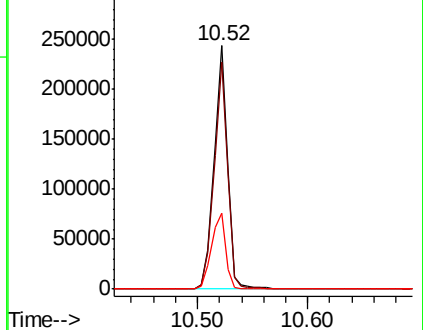
141 32.7 29.9 44.9

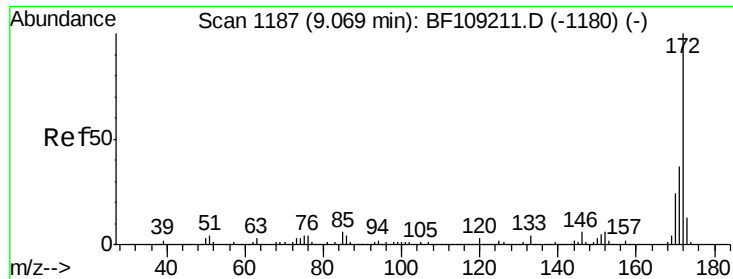


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

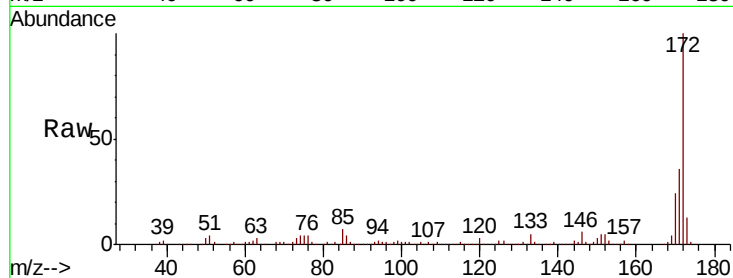




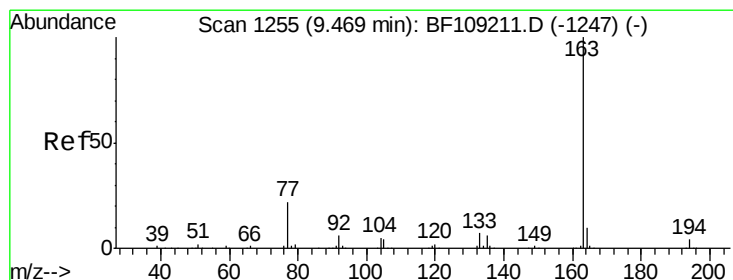
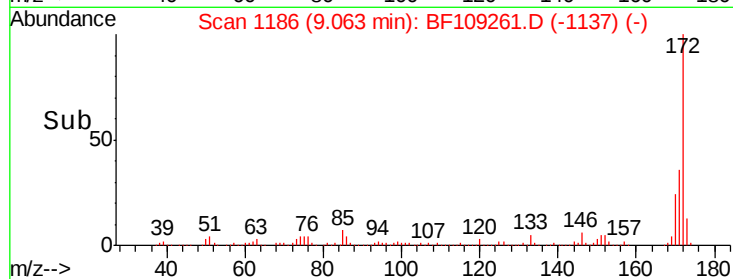
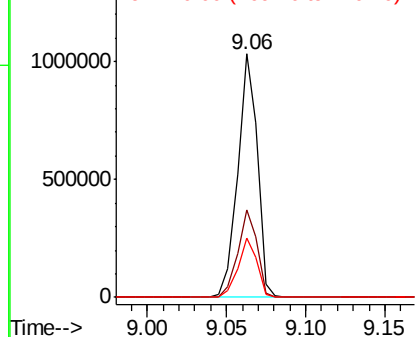
#44
2-Fluorobiphenyl
Concen: 61.867 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 884763
Ion Ratio Lower Upper
172 100
171 35.8 29.7 44.5
170 24.1 19.6 29.4

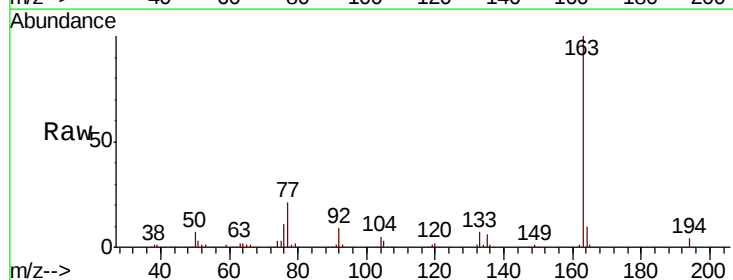


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

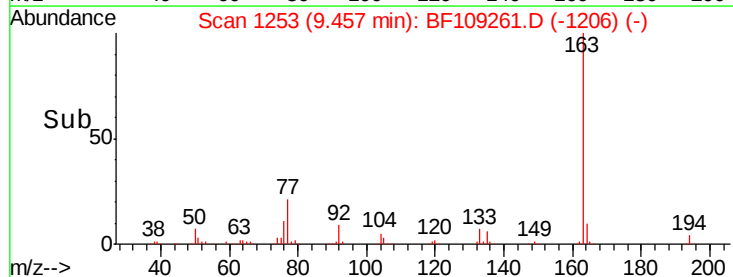
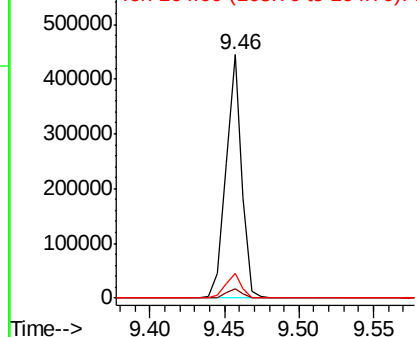


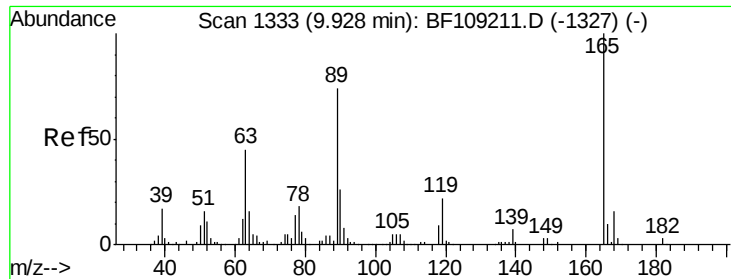
#49
Dimethylphthalate
Concen: 21.203 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion:163 Resp: 332618
Ion Ratio Lower Upper
163 100
194 3.9 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

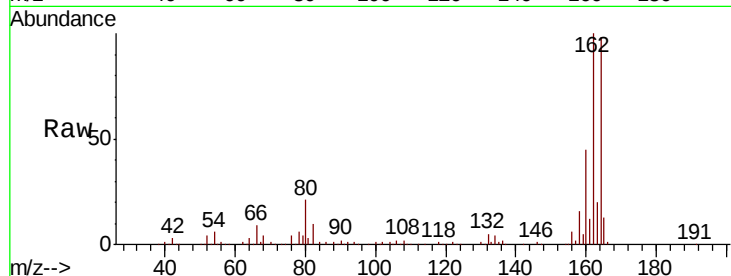




#56
 2,4-Dinitrotoluene
 Concen: 6.987 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109261.D
 Acq: 24 Sep 2018 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

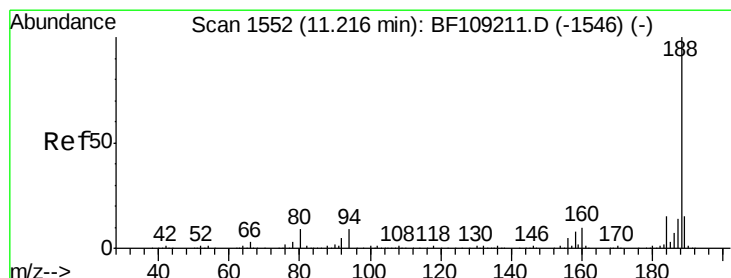
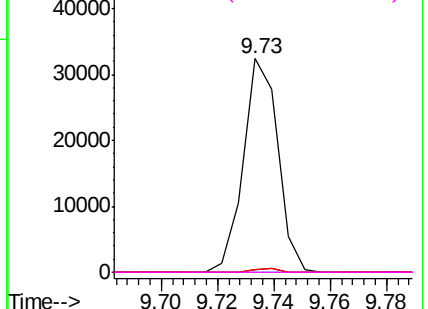
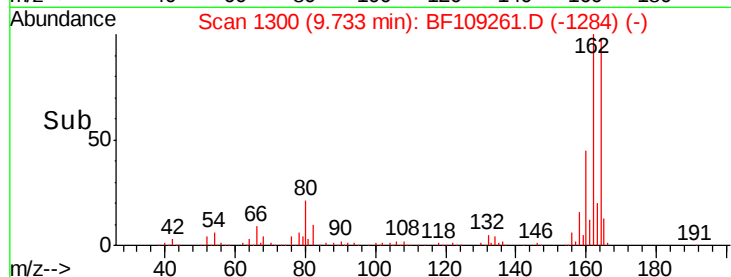


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

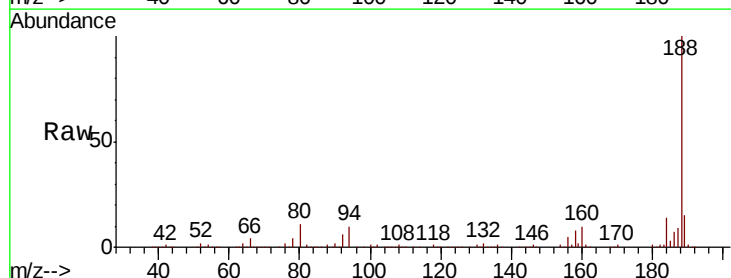
Ion 89.00 (88.70 to 89.70): BF1

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: BF109261.D
 Acq: 24 Sep 2018 12:31

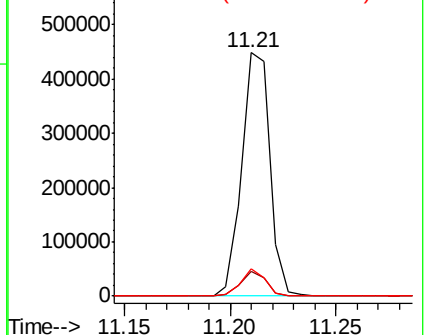
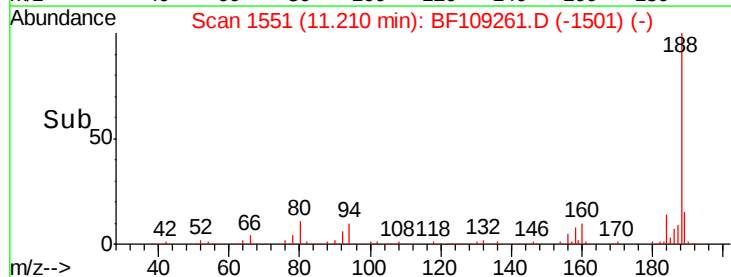
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.1	9.2	13.8

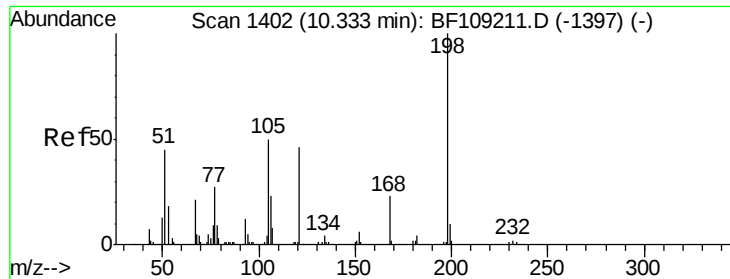


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

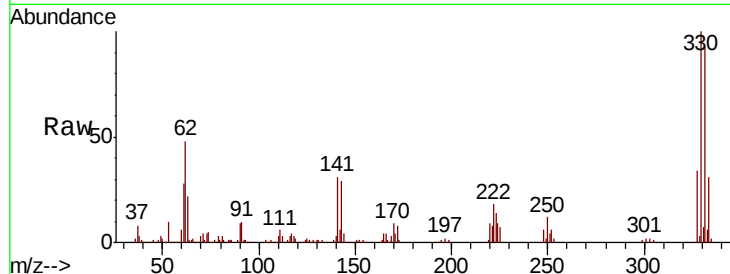




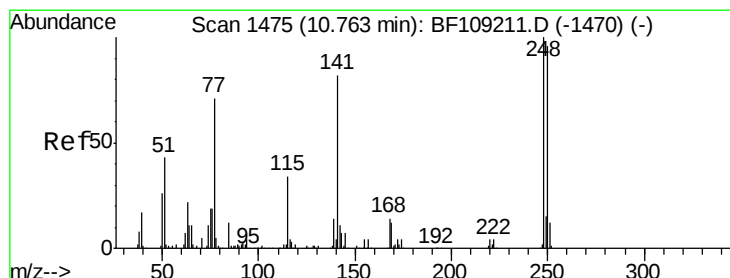
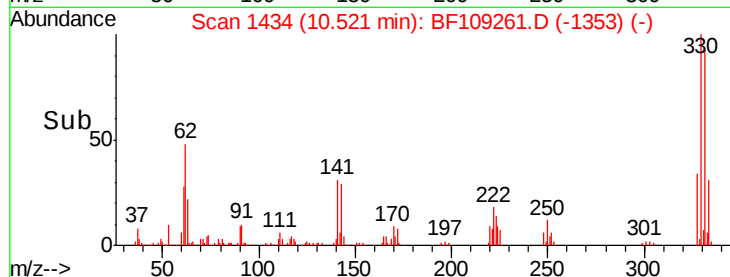
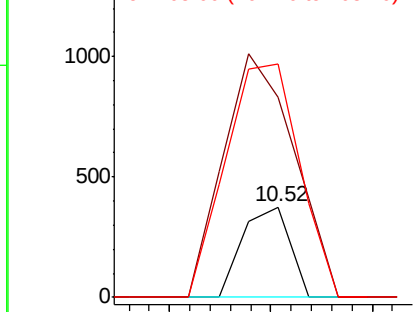
#64
4,6-Dinitro-2-methylphenol
Concen: 6.646 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 243
Ion Ratio Lower Upper
198 100
51 221.3 37.7 77.7#
105 258.4 36.3 76.3#

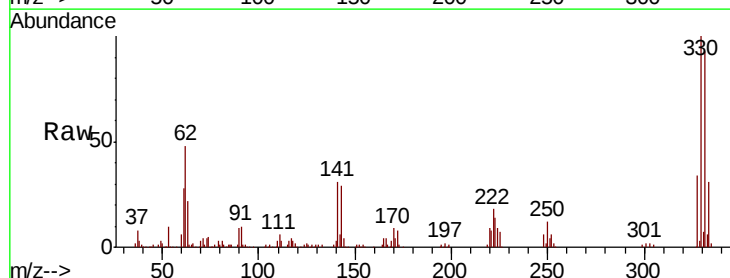


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

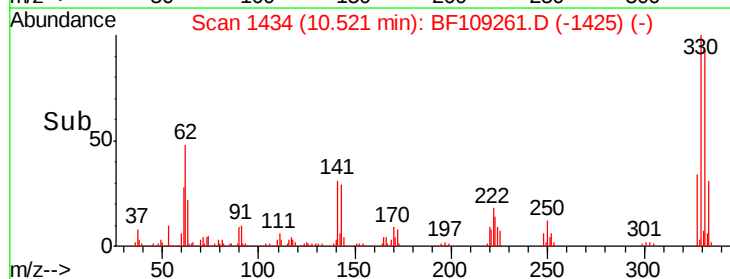
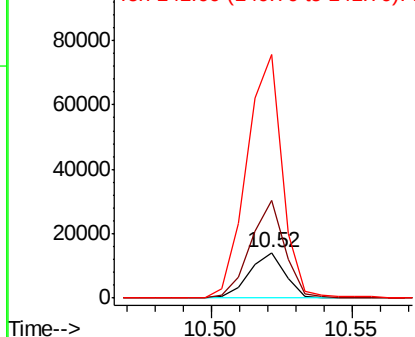


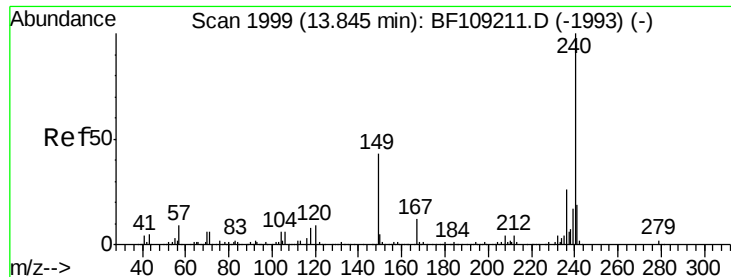
#66
4-Bromophenyl-phenylether
Concen: 2.700 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109261.D
Acq: 24 Sep 2018 12:31

Tgt Ion:248 Resp: 12420
Ion Ratio Lower Upper
248 100
250 212.6 76.9 115.3#
141 531.2 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: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

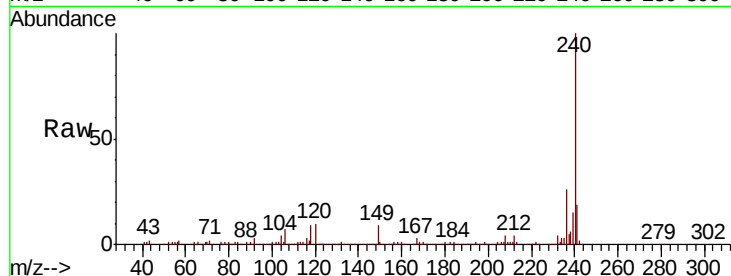
Tot Ion:240 Resp: 290054

Ion Ratio Lower Upper

240 100

120 10.3 9.5 14.3

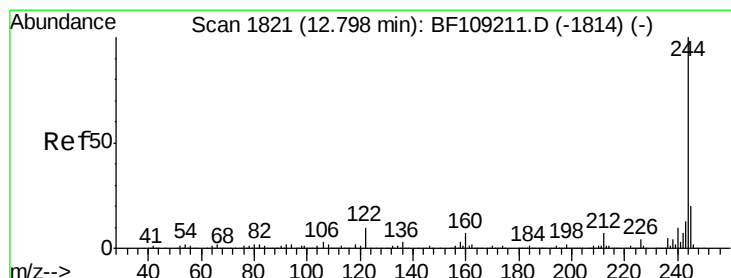
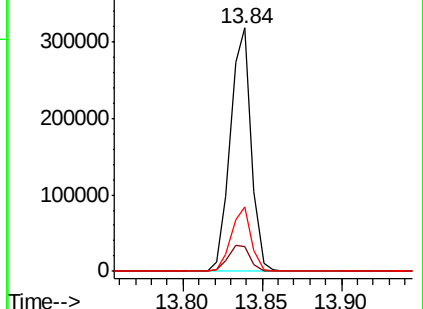
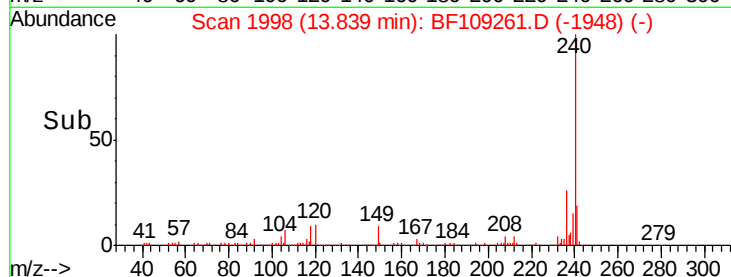
236 26.5 20.7 31.1



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: 67.193 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

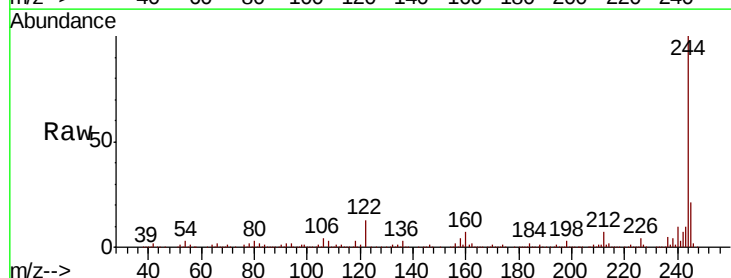
Tgt Ion:244 Resp: 794144

Ion Ratio Lower Upper

244 100

212 7.3 5.4 8.0

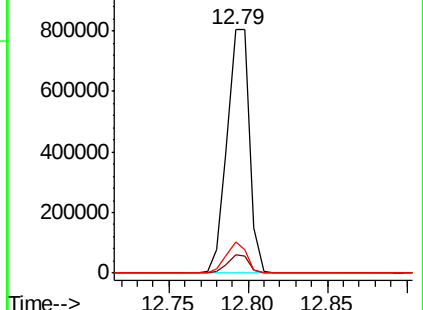
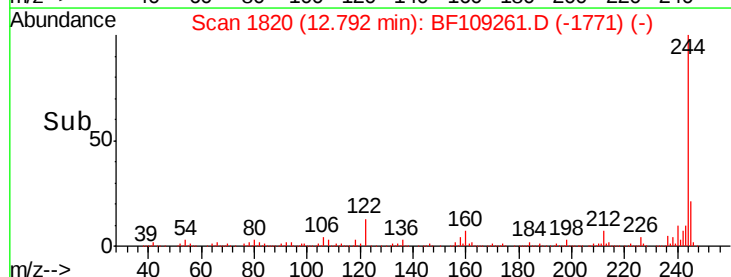
122 12.8 11.0 16.4

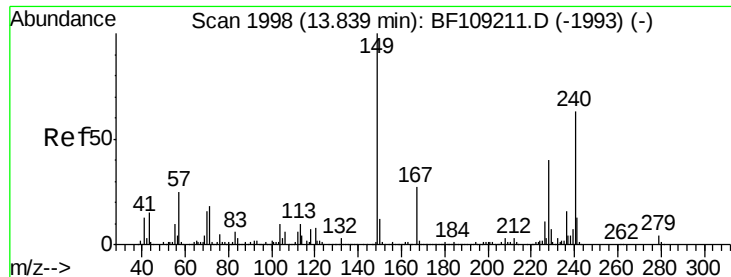


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.983 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.01 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

Instrument :

BNA_F

ClientSampleId :

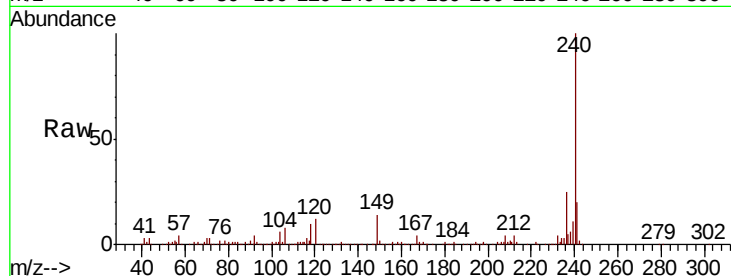
Tot Ion:149 Resp: 33271

Ion Ratio Lower Upper

149 100

167 26.2 21.3 31.9

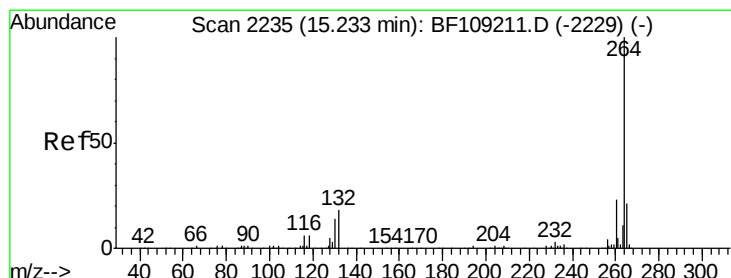
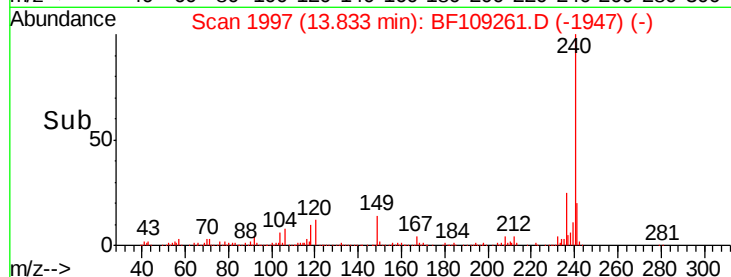
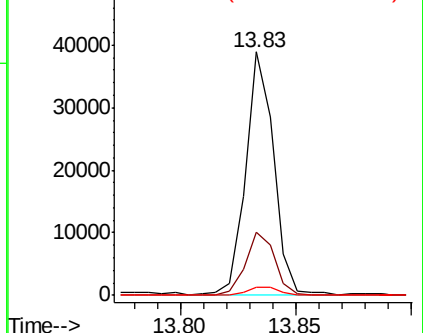
279 3.4 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.24 min Scan# 2236

Delta R.T. -0.00 min

Lab File: BF109261.D

Acq: 24 Sep 2018 12:31

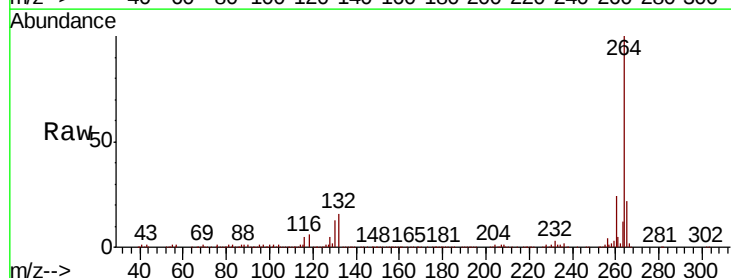
Tgt Ion:264 Resp: 313056

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.8 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

