

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109258.D
 Acq On : 24 Sep 2018 11:12
 Operator : JU/SJ
 Sample : J5021-13
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 13:25:21 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

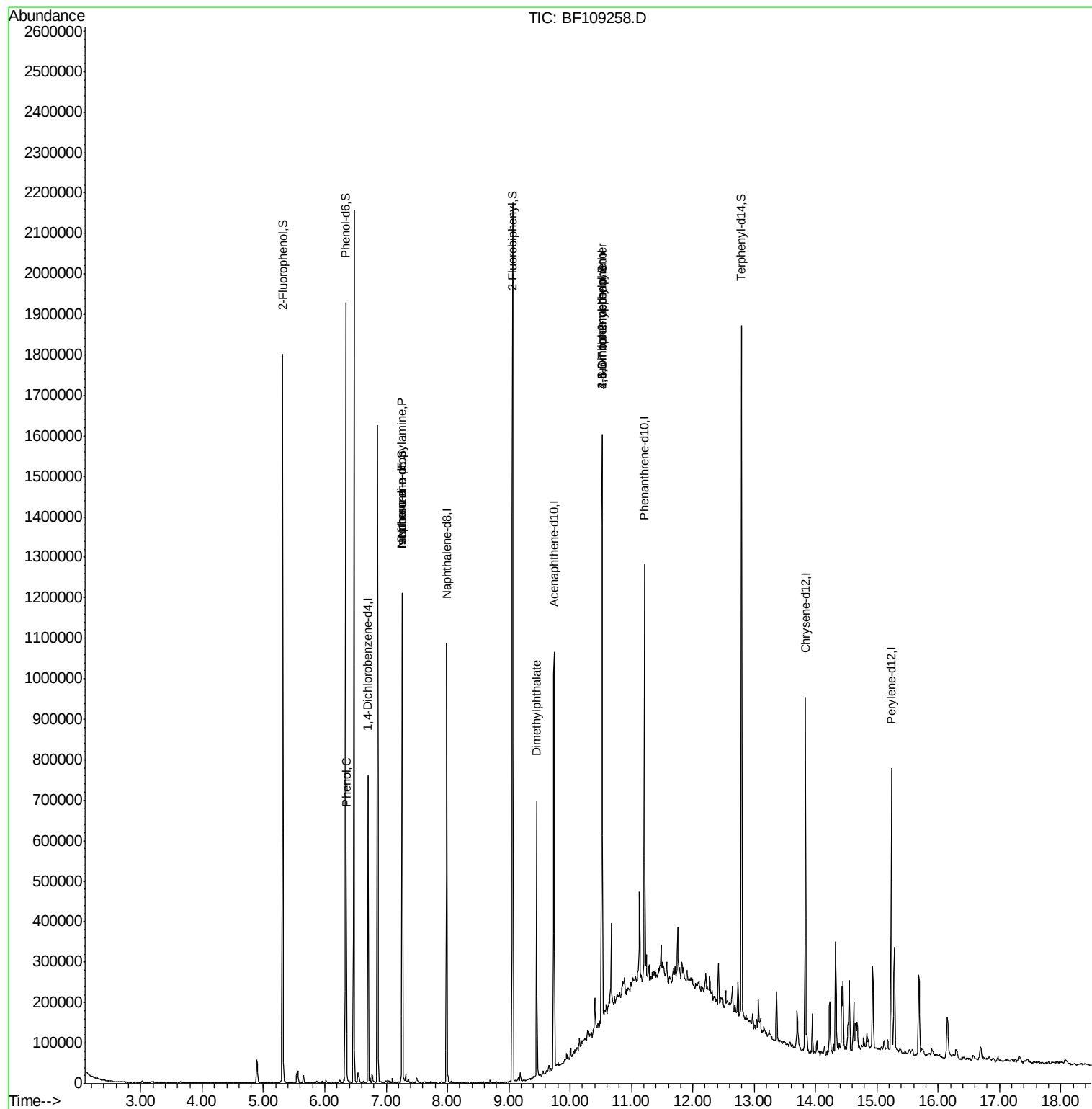
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	106101	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	416040	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	202698	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	384217	20.00	ng	0.00
75) Chrysene-d12	13.84	240	281786	20.00	ng	0.00
86) Perylene-d12	15.24	264	295975	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	484672	75.24	ng	0.00
7) Phenol-d6	6.35	99	626056	76.16	ng	-0.01
23) Nitrobenzene-d5	7.26	82	387811	55.03	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	169369	84.76	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	602461	44.83	ng	-0.01
78) Terphenyl-d14	12.79	244	579552	50.48	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	27693	2.975	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	52559	9.758	ng	# 80
25) Isophorone	7.26	82	364918	28.754	ng	# 64
49) Dimethylphthalate	9.46	163	239716	16.260	ng	99
64) 4,6-Dinitro-2-methylphenol	10.52	198	290	6.683	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	10130	2.374	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
Data File : BF109258.D
Acq On : 24 Sep 2018 11:12
Operator : JU/SJ
Sample : J5021-13
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 24 13:25:21 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



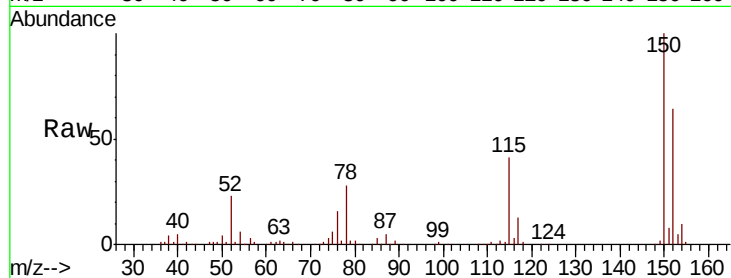


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	64.6	50.1	75.1

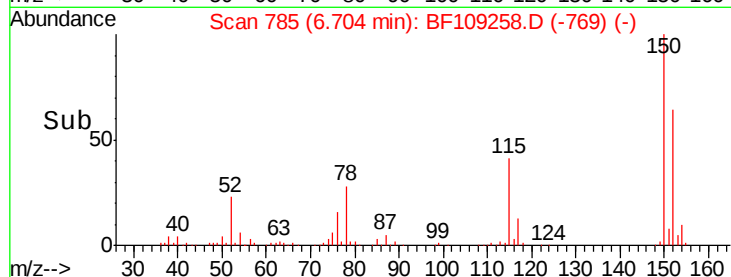
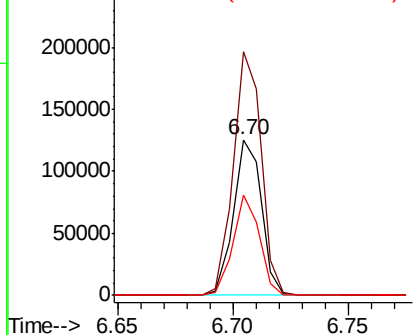


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

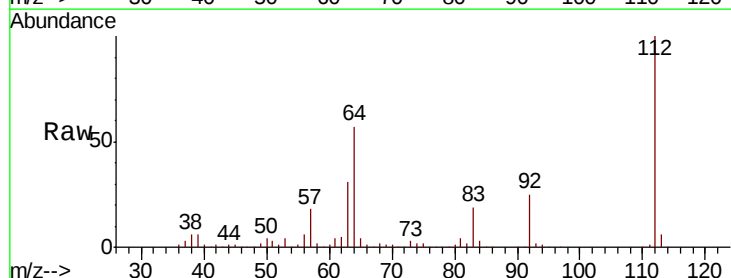
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 75.239 ng
 RT: 5.32 min Scan# 549
 Delta R.T. 0.00 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.7	47.9	71.9
63	30.5	23.7	35.5

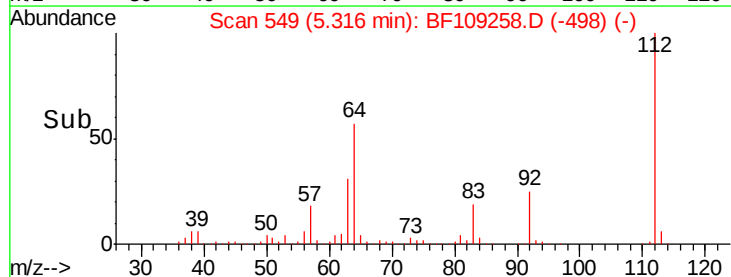
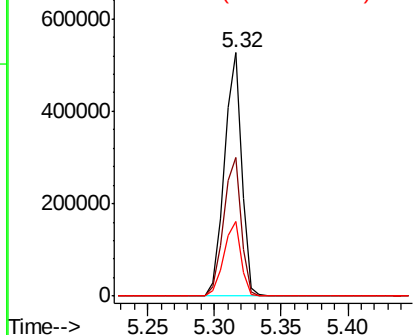


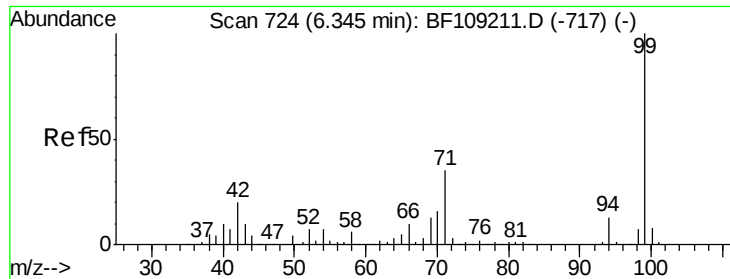
Abundance

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: 76.163 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

Instrument :

BNA_F

ClientSampled :

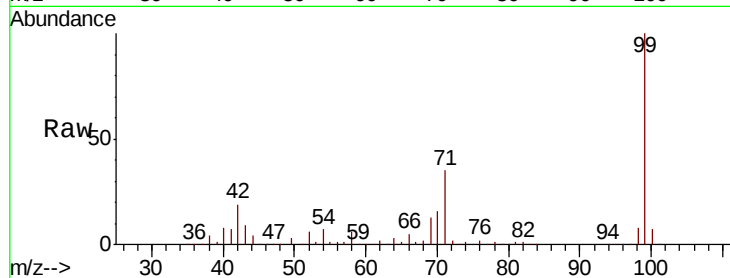
Tot Ion: 99 Resp: 626056

Ion Ratio Lower Upper

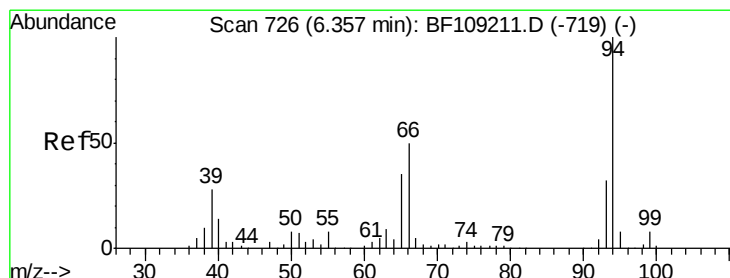
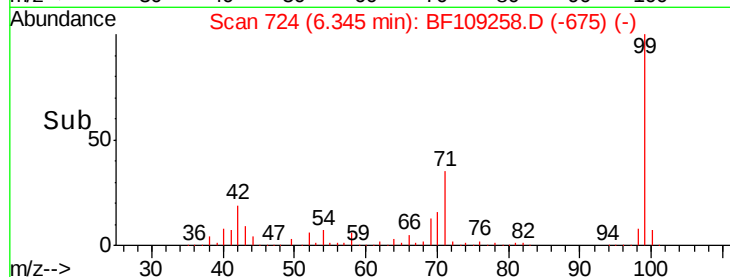
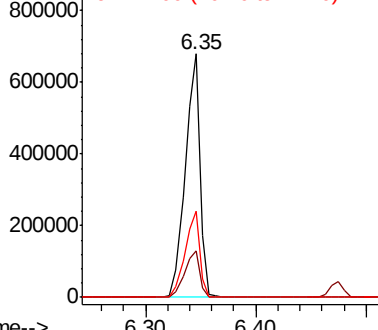
99 100

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: 2.975 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

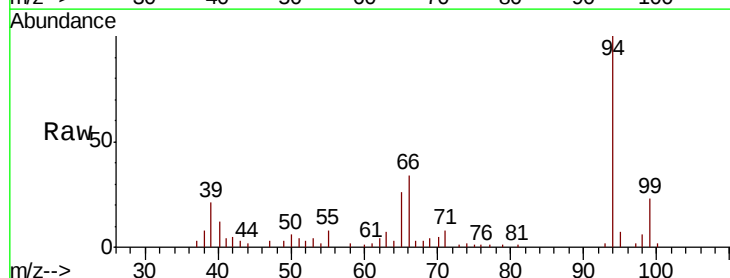
Tgt Ion: 94 Resp: 27693

Ion Ratio Lower Upper

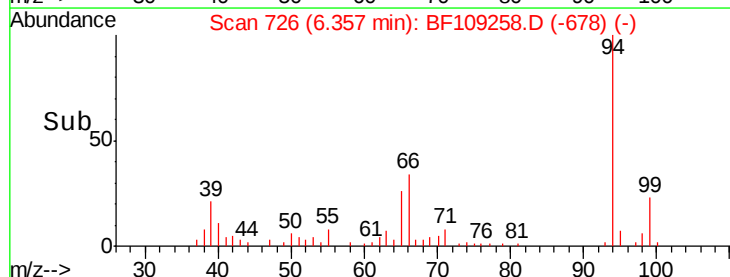
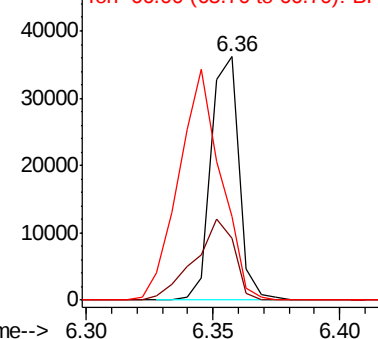
94 100

65 25.6 7.9 47.9

66 34.1 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

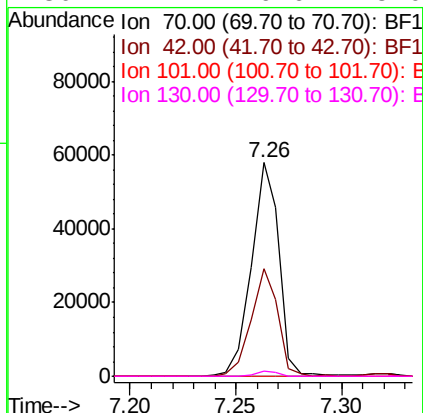
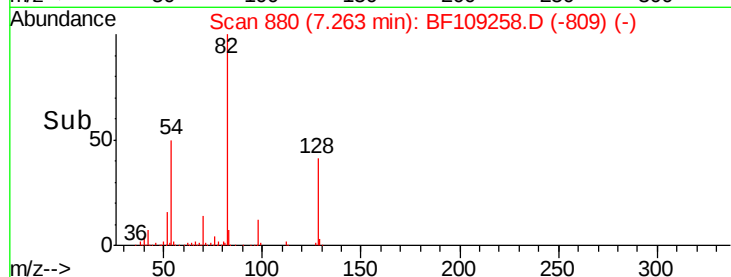
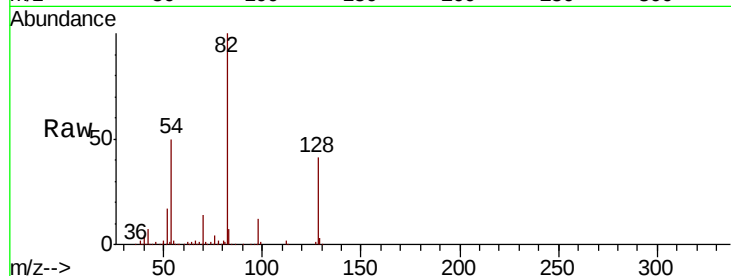




#19
n-Nitroso-di-n-propylamine
Concen: 9.758 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.12 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

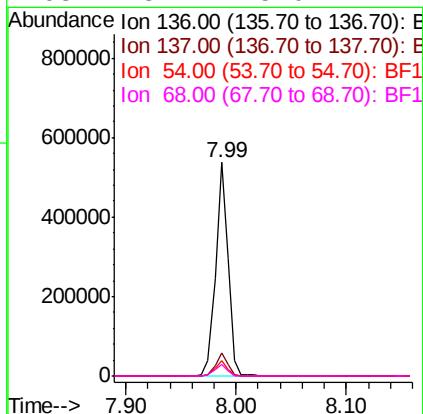
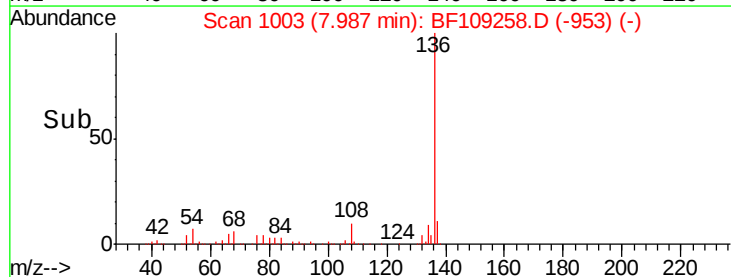
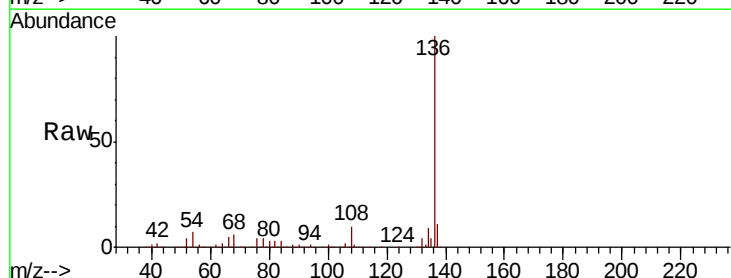
Instrument :
BNA_F
ClientSampleId :

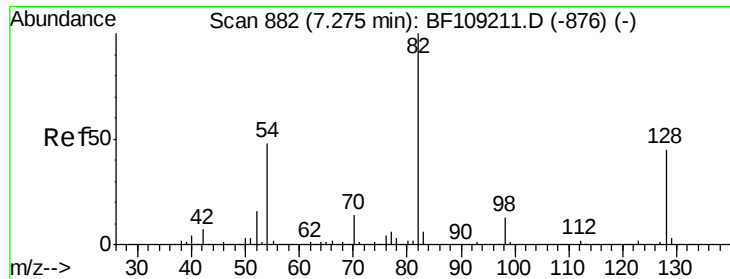
Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	50.3	47.5	71.3	
101	0.0	7.4	11.2	#
130	2.1	16.6	25.0	#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Tgt Ion	Ion	Ratio	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.4	6.6	9.8	
68	5.7	5.0	7.4	

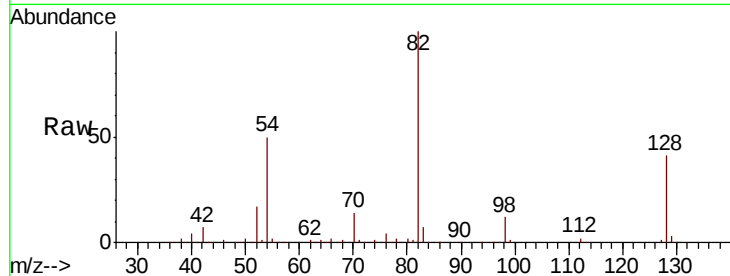




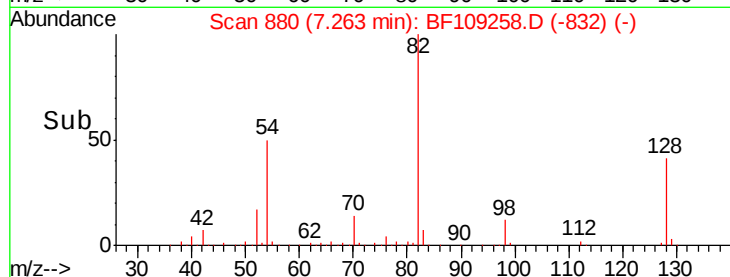
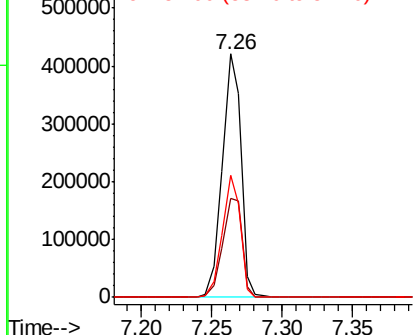
#23
Nitrobenzene-d5
Concen: 55.026 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 387811
Ion Ratio Lower Upper
82 100
128 40.8 36.1 54.1
54 50.1 41.4 62.2

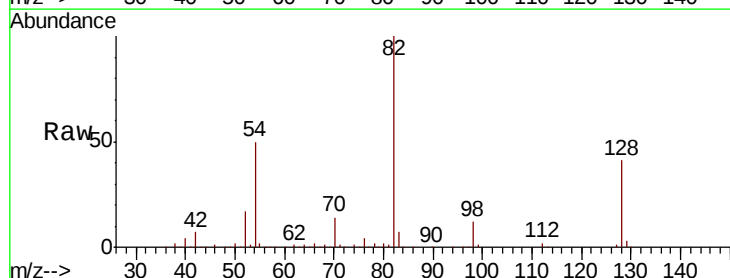


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

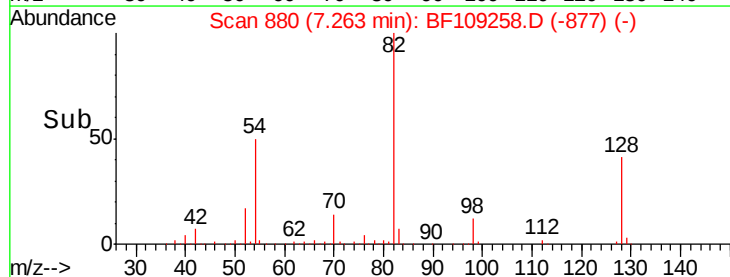
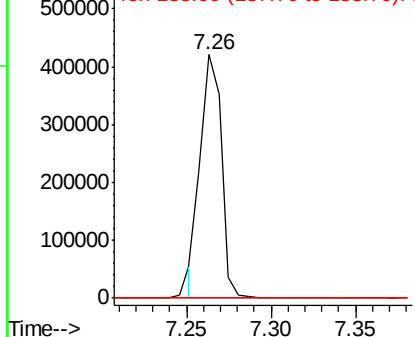


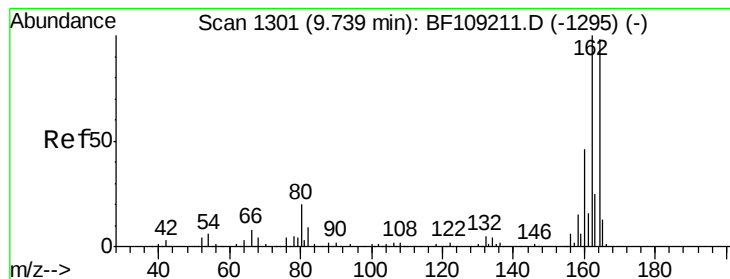
#25
Isophorone
Concen: 28.754 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Tgt Ion: 82 Resp: 364918
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: BF109258.D

Acq: 24 Sep 2018 11:12

Instrument :

BNA_F

ClientSampleId :

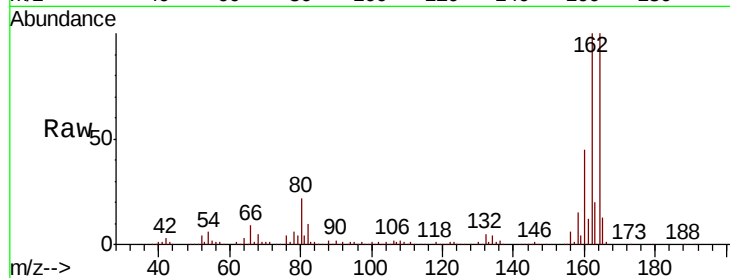
Tot Ion:164 Resp: 202698

Ion Ratio Lower Upper

164 100

162 100.1 86.1 129.1

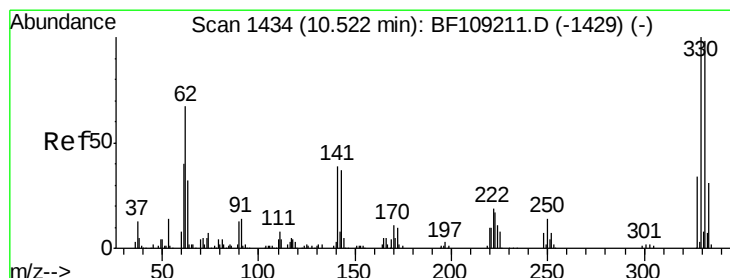
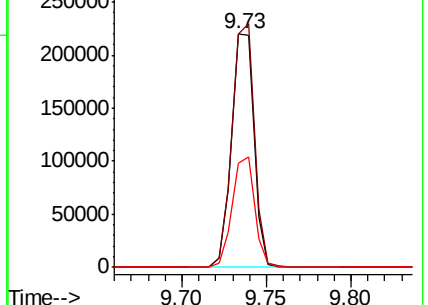
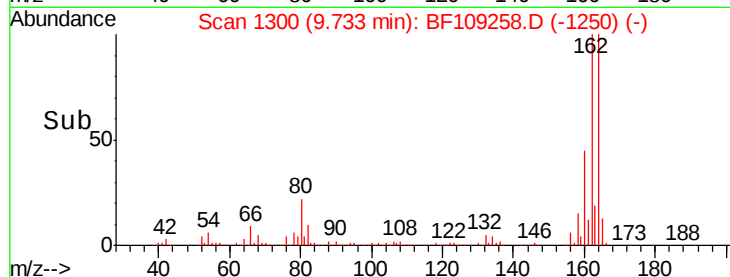
160 44.8 38.3 57.5



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: 84.762 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

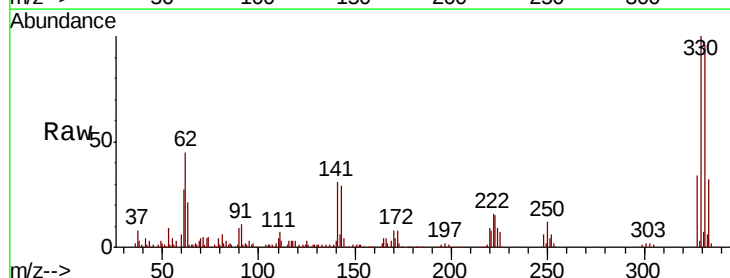
Tgt Ion:330 Resp: 169369

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

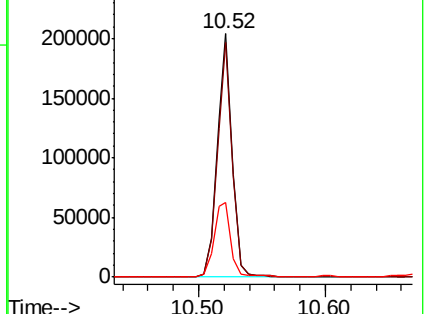
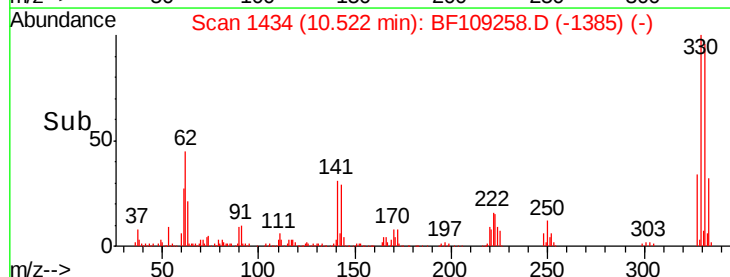
141 34.7 29.9 44.9



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

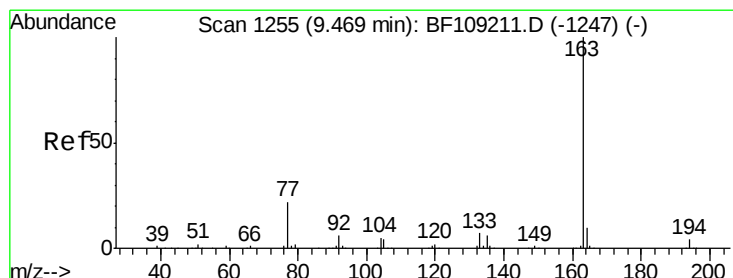
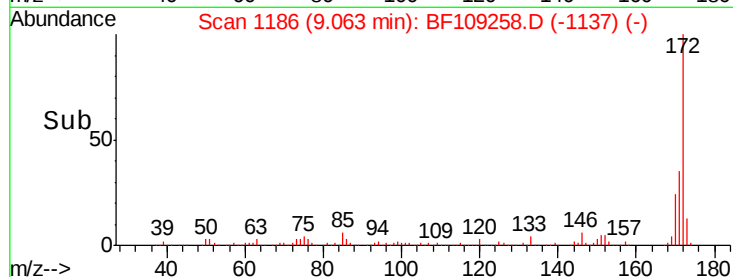
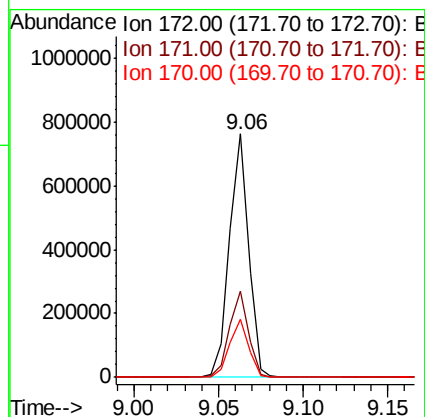
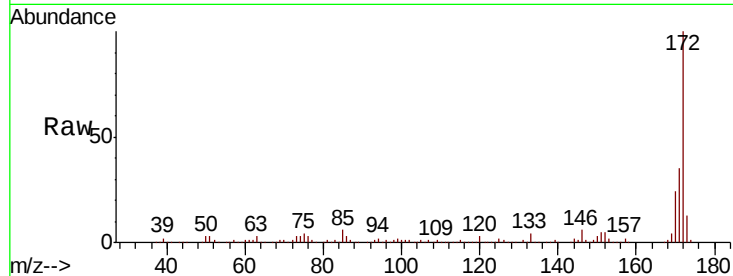




#44
2-Fluorobiphenyl
Concen: 44.827 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

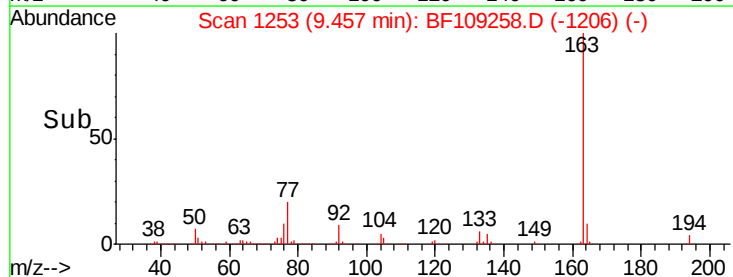
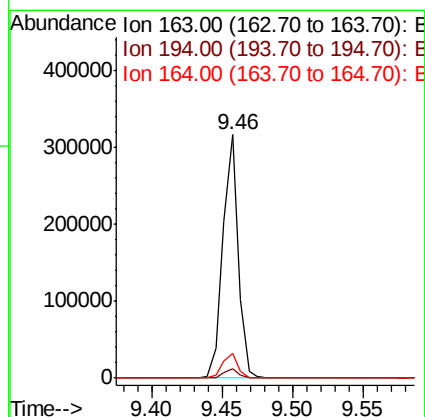
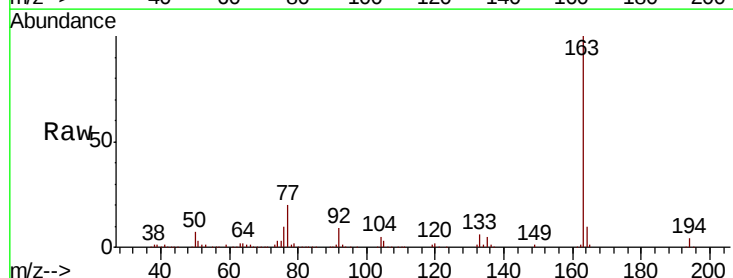
Instrument :
BNA_F
ClientSampled :

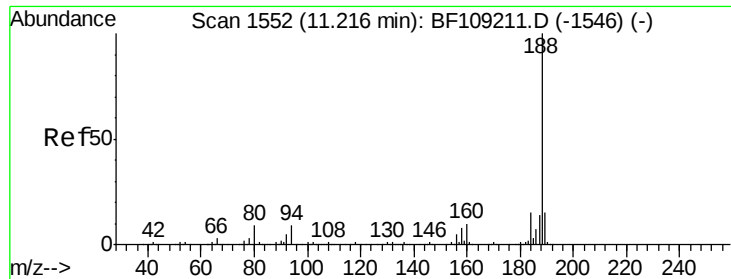
Tot Ion:172 Resp: 602461
Ion Ratio Lower Upper
172 100
171 35.4 29.7 44.5
170 23.6 19.6 29.4



#49
Dimethylphthalate
Concen: 16.260 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Tgt Ion:163 Resp: 239716
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1
164 10.3 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

Instrument :

BNA_F

ClientSampleId :

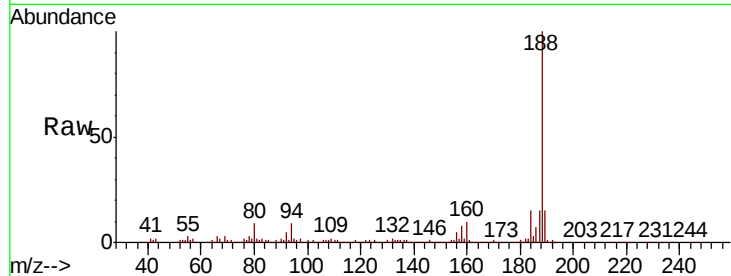
Tot Ion:188 Resp: 384217

Ion Ratio Lower Upper

188 100

94 8.7 8.5 12.7

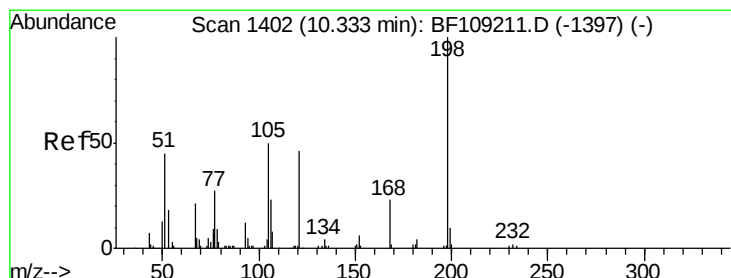
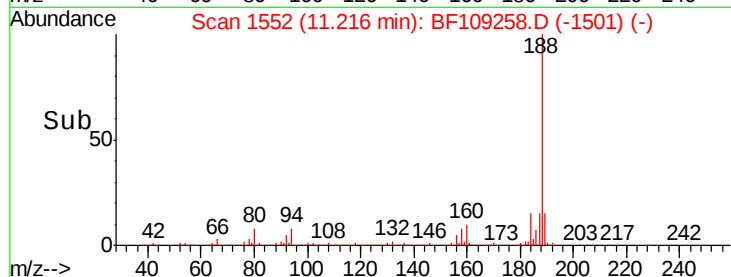
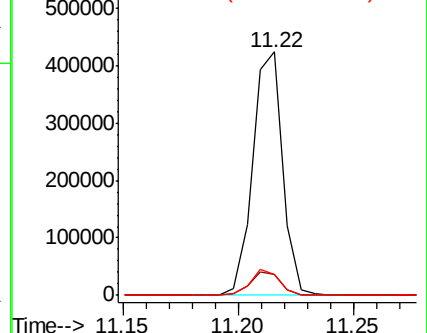
80 8.7 9.2 13.8#



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: 6.683 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109258.D

Acq: 24 Sep 2018 11:12

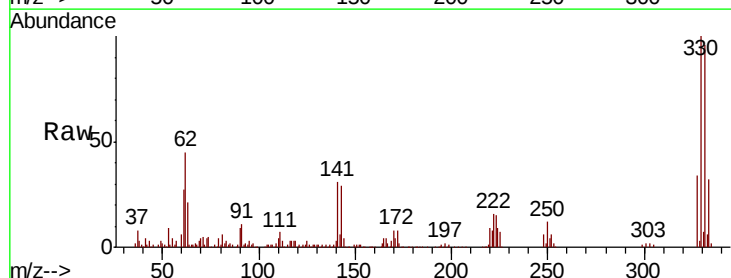
Tgt Ion:198 Resp: 290

Ion Ratio Lower Upper

198 100

51 286.2 37.7 77.7#

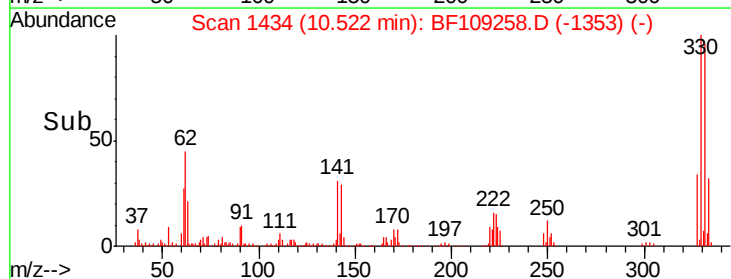
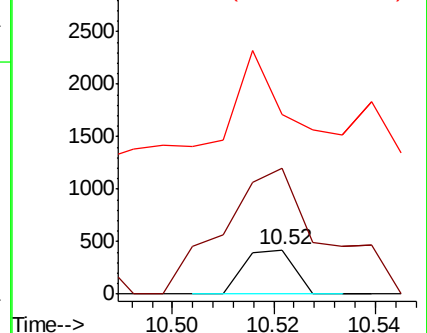
105 407.4 36.3 76.3#



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

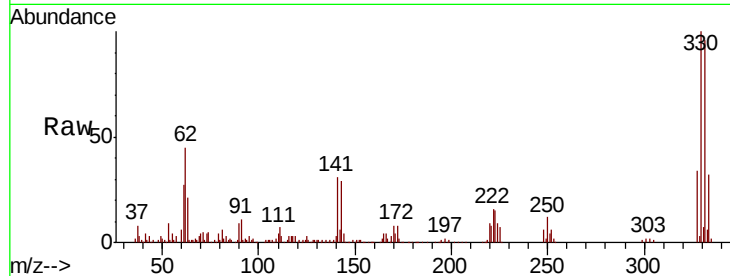




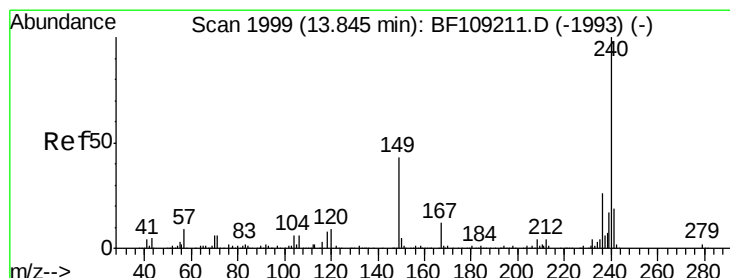
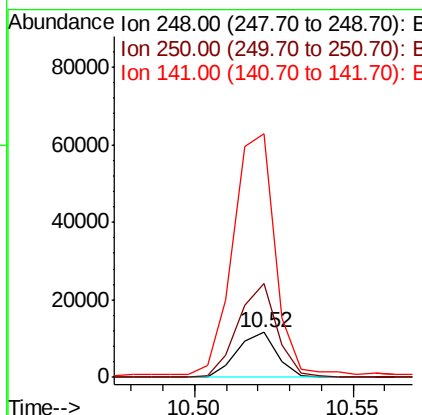
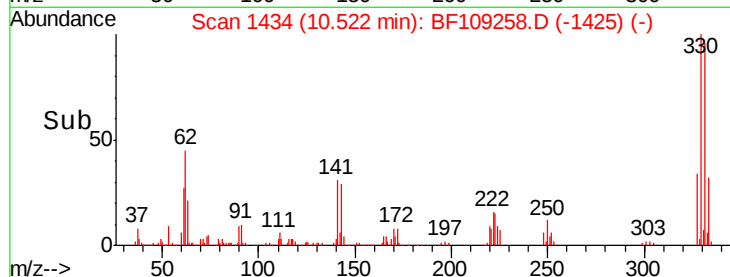
#66
4-Bromophenyl-phenylether
Concen: 2.374 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10130
Ion Ratio Lower Upper
248 100
250 208.9 76.9 115.3#
141 539.9 74.4 111.6#

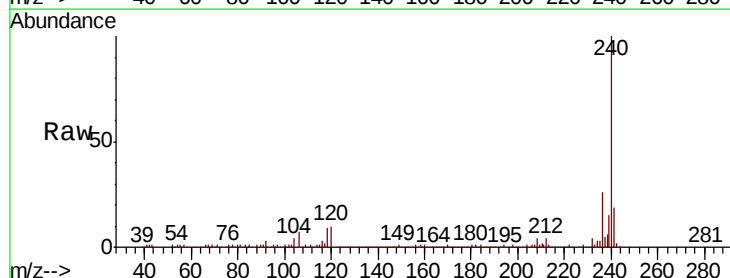


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

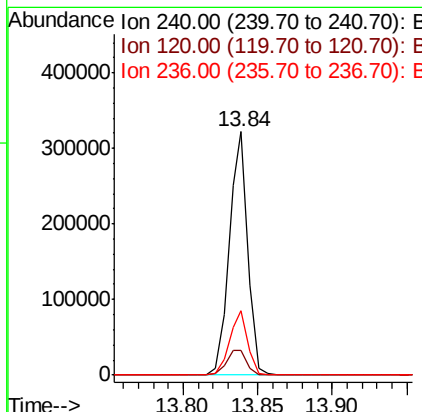
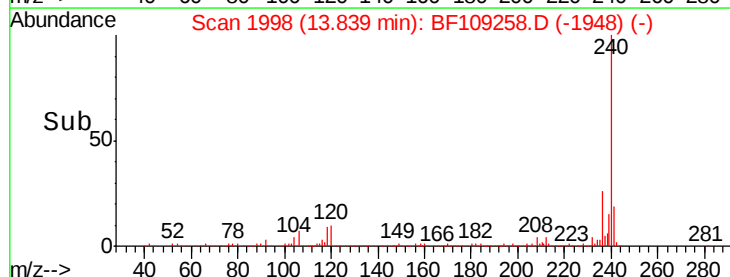


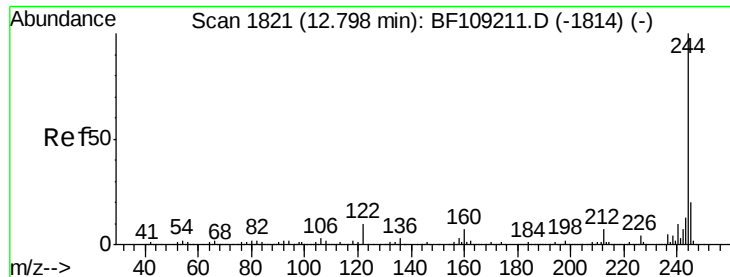
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF109258.D
Acq: 24 Sep 2018 11:12

Tgt Ion:240 Resp: 281786
Ion Ratio Lower Upper
240 100
120 10.0 9.5 14.3
236 26.3 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

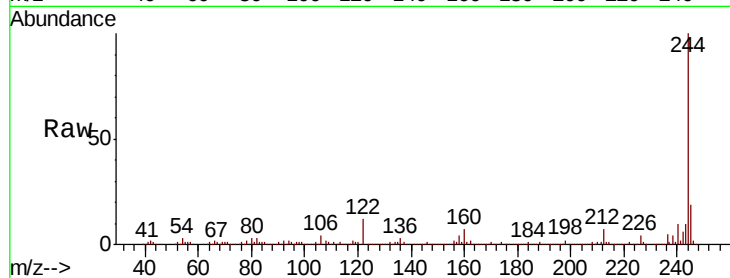




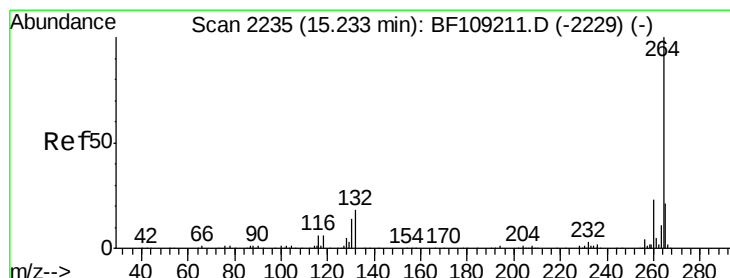
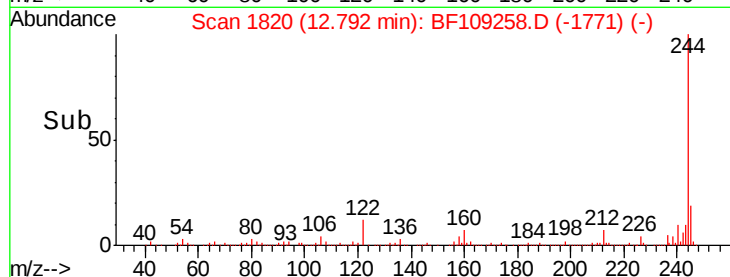
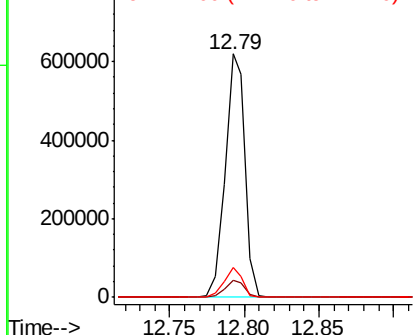
#78
 Terphenyl-d14
 Concen: 50.475 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 579552
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 12.2 11.0 16.4

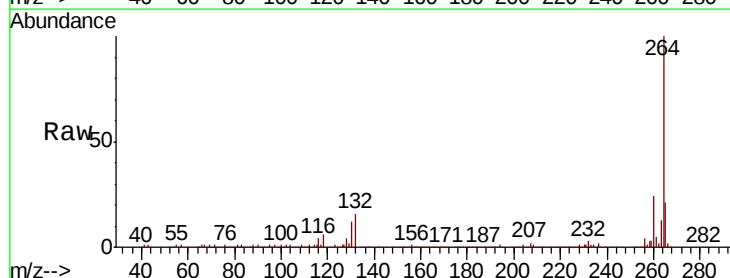


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109258.D
 Acq: 24 Sep 2018 11:12

Tgt Ion:264 Resp: 295975
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 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

