

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092418\
 Data File : BF109264.D
 Acq On : 24 Sep 2018 13:49
 Operator : JU/SJ
 Sample : J5023-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 17:06:18 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

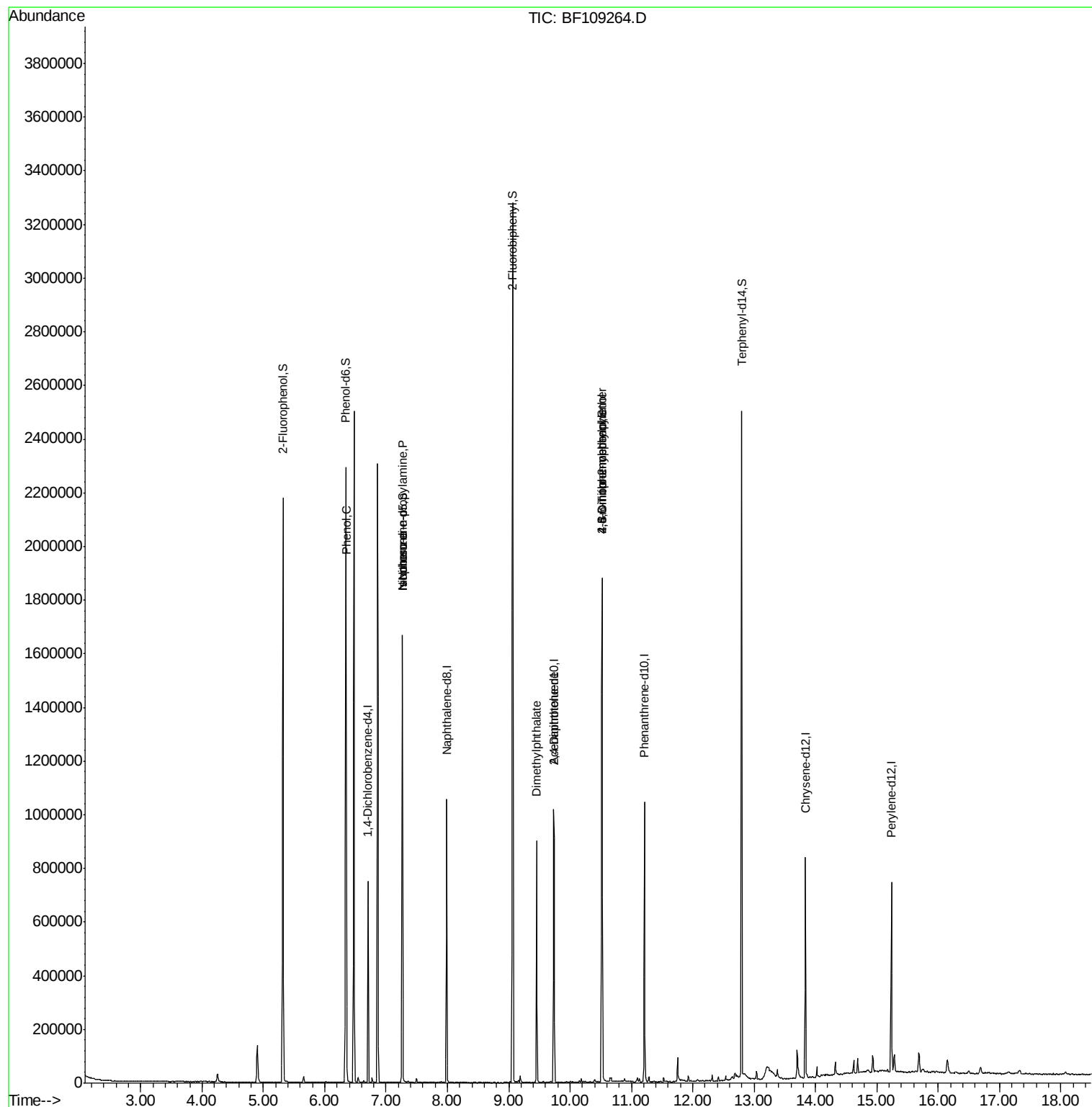
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	109761	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	412450	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	198591	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	370528	20.00	ng	0.00
75) Chrysene-d12	13.83	240	282167	20.00	ng	-0.01
86) Perylene-d12	15.24	264	304157	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	662493	99.41	ng	0.00
7) Phenol-d6	6.35	99	856041	100.67	ng	-0.01
23) Nitrobenzene-d5	7.27	82	536383	76.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	218296	111.51	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	982554	74.62	ng	-0.01
78) Terphenyl-d14	12.80	244	868881	75.57	ng	0.00
Target Compounds						
10) Phenol	6.36	94	35794	3.717	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	72186	12.955	ng	# 77
25) Isophorone	7.27	82	507706	40.353	ng	# 64
49) Dimethylphthalate	9.46	163	310127	21.471	ng	99
56) 2,4-Dinitrotoluene	9.73	165	25209	6.965	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	491	6.806	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	13003	3.160	ng	# 1

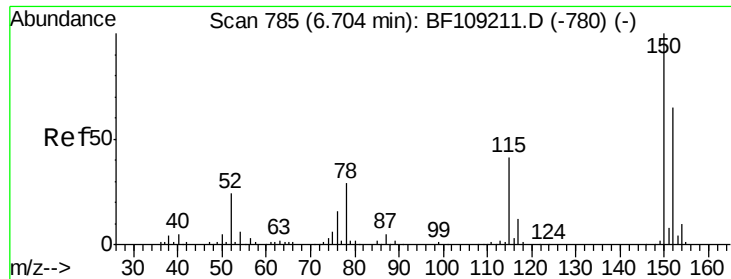
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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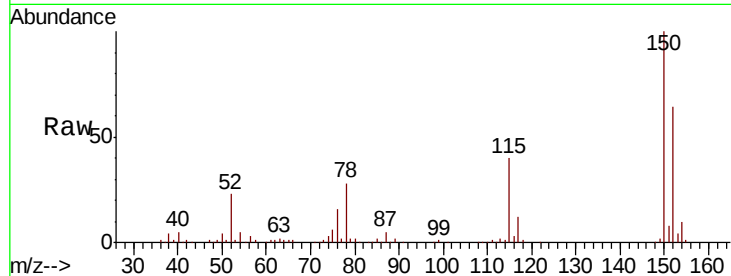


#1

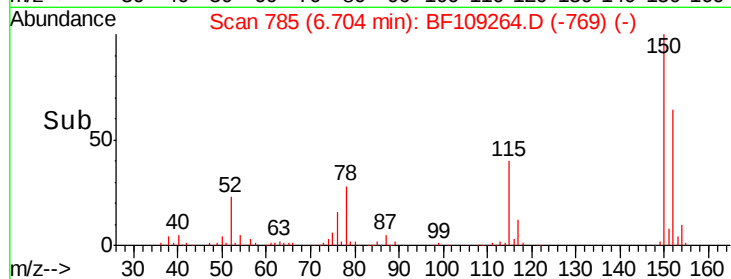
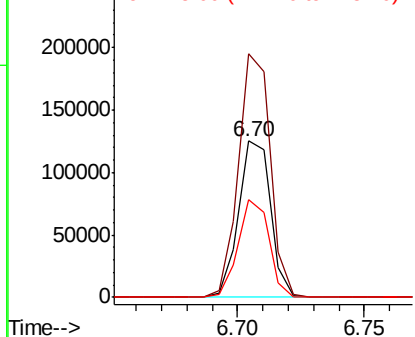
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.6	186.8
115	62.1	50.1	75.1



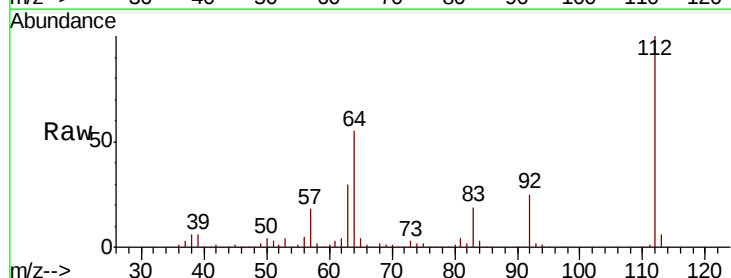
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



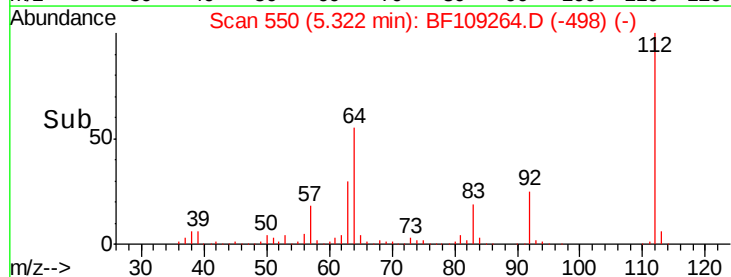
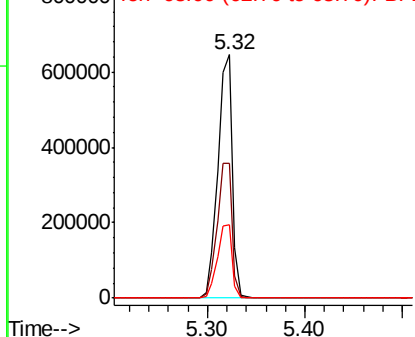
#5

2-Fluorophenol
Concen: 99.414 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	47.9	71.9
63	30.0	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: 100.669 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109264.D

Acq: 24 Sep 2018 13:49

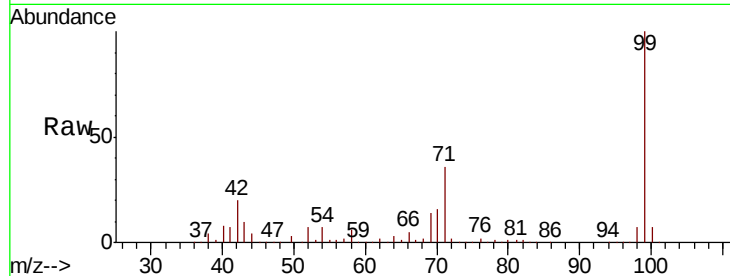
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 856041

Ion	Ratio	Lower	Upper
99	100		
42	20.3	14.5	21.7
71	36.1	25.4	38.0

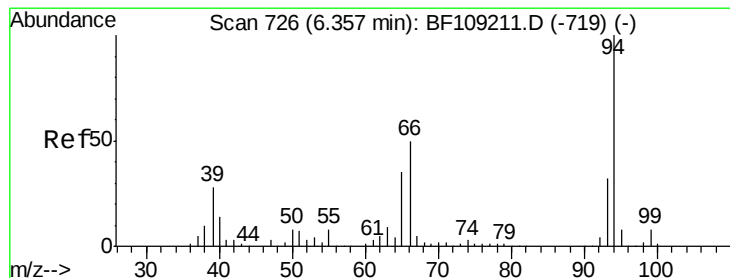
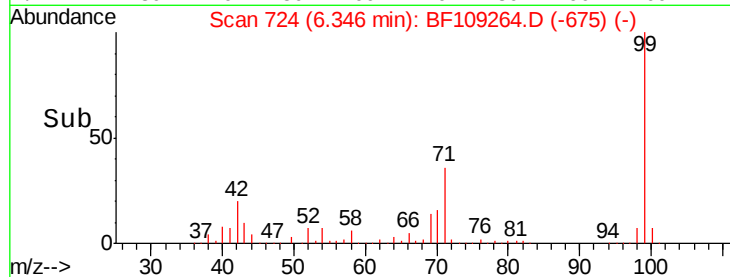


Abundance

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: 3.717 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109264.D

Acq: 24 Sep 2018 13:49

Tgt Ion: 94 Resp: 35794

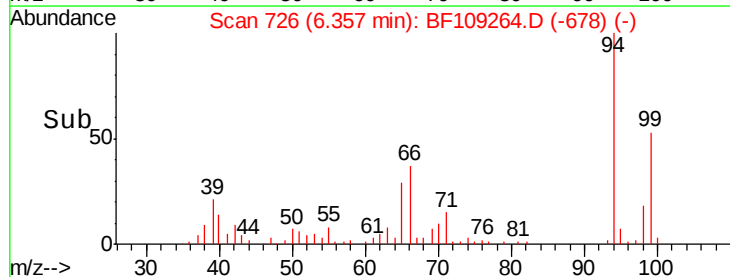
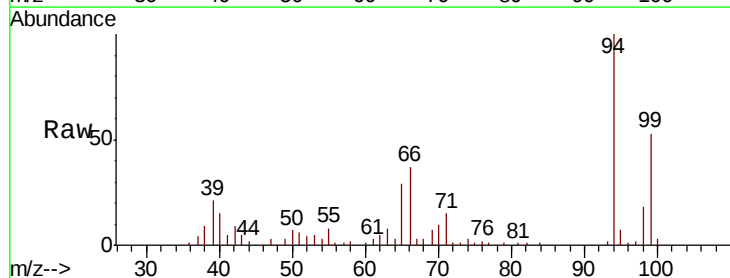
Ion	Ratio	Lower	Upper
94	100		
65	28.8	7.9	47.9
66	37.2	16.2	56.2

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

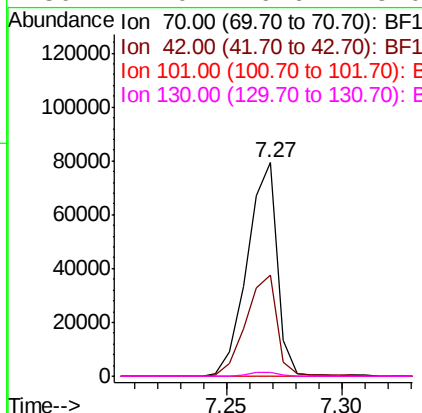
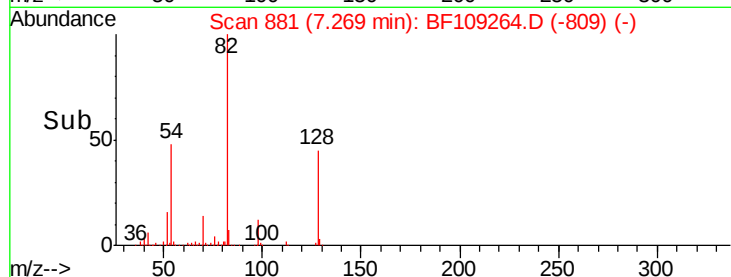
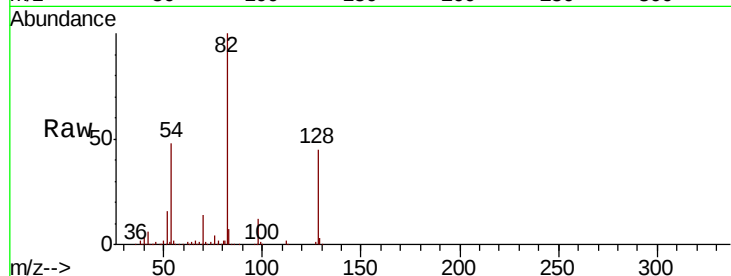




#19
n-Nitroso-di-n-propylamine
Concen: 12.955 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

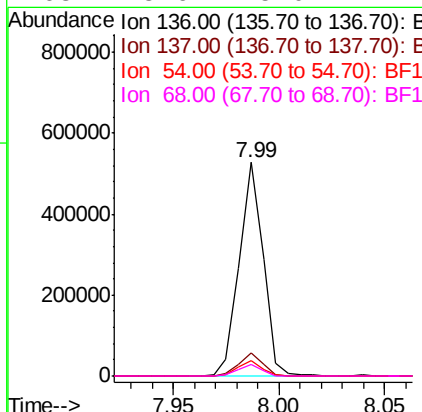
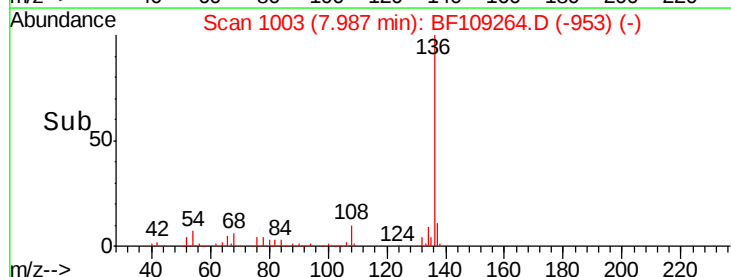
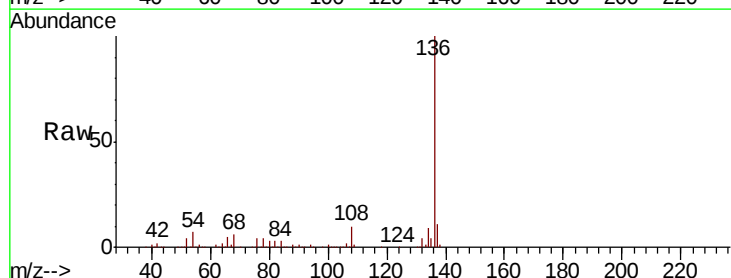
Instrument :
BNA_F
ClientSampleId :

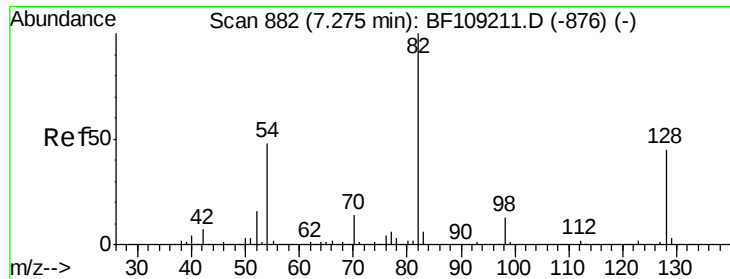
Tot Ion: 70 Resp: 72186
Ion Ratio Lower Upper
70 100
42 47.2 47.5 71.3#
101 0.0 7.4 11.2#
130 2.0 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion: 136 Resp: 412450
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.3 6.6 9.8
68 5.6 5.0 7.4

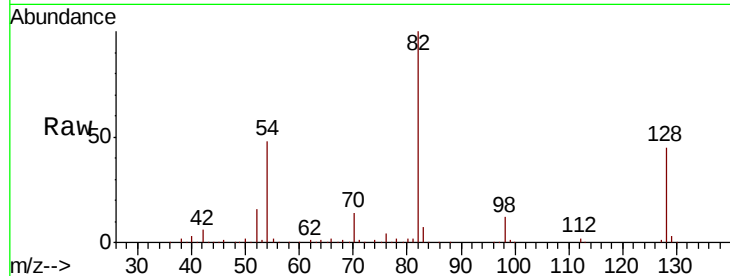




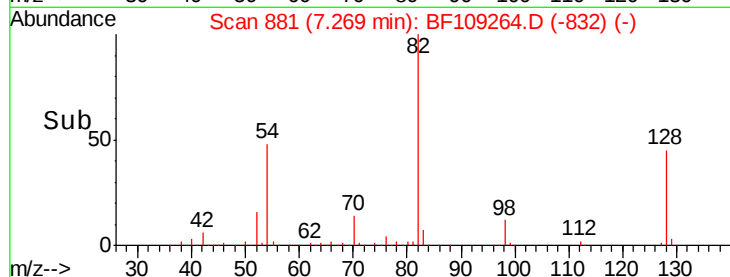
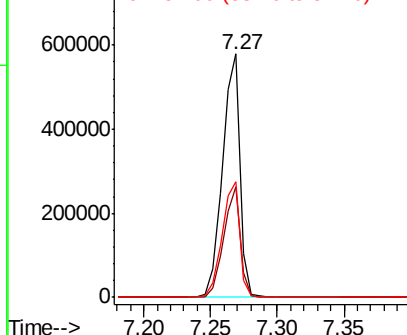
#23
Nitrobenzene-d5
Concen: 76.769 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 536383
Ion Ratio Lower Upper
82 100
128 45.3 36.1 54.1
54 47.7 41.4 62.2

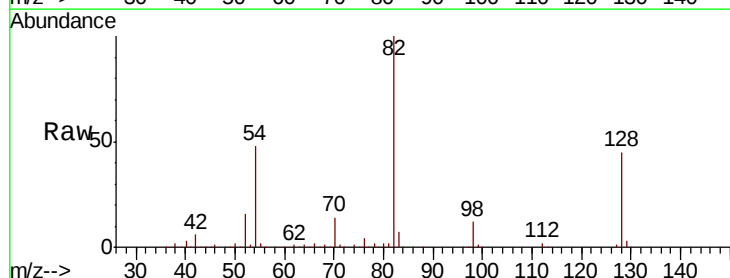


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

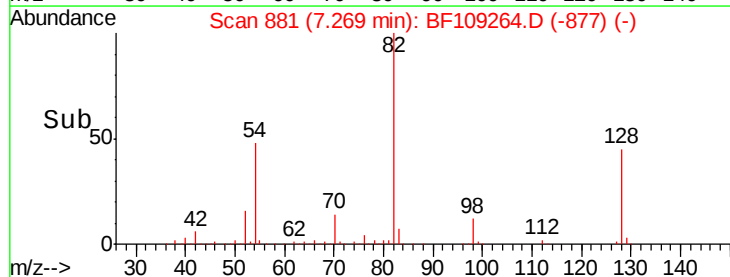
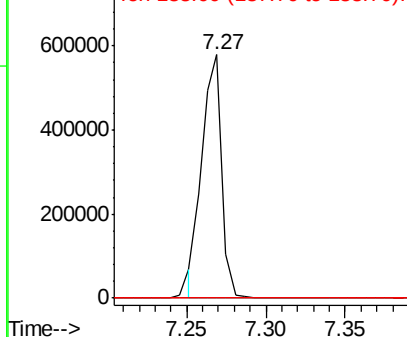


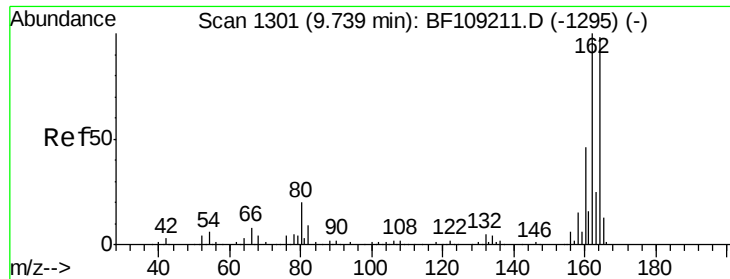
#25
Isophorone
Concen: 40.353 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.28 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion: 82 Resp: 507706
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

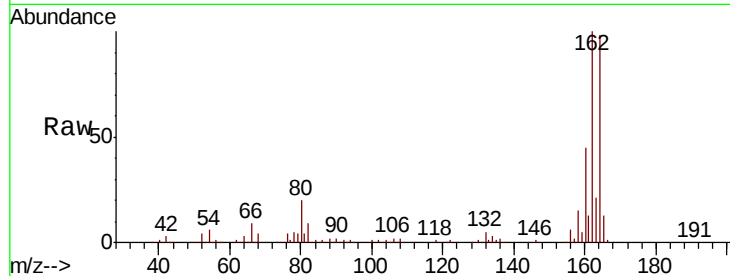




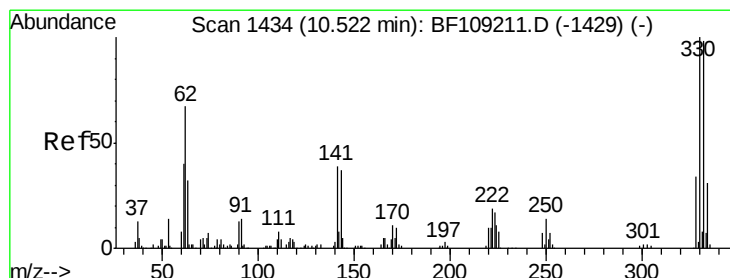
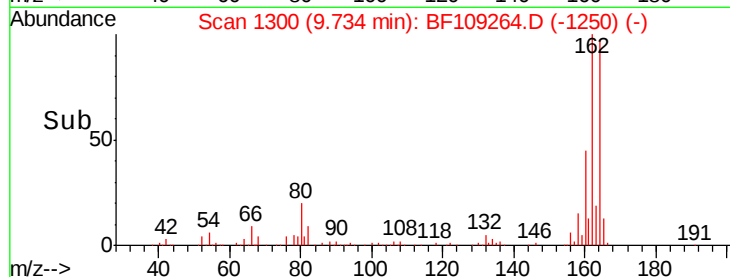
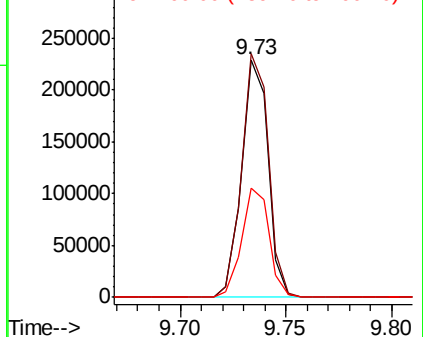
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 198591
Ion Ratio Lower Upper
164 100
162 102.4 86.1 129.1
160 46.2 38.3 57.5

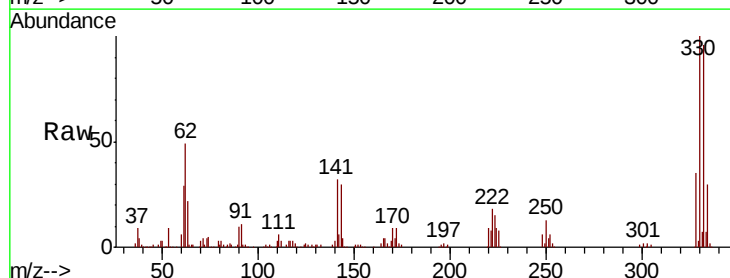


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

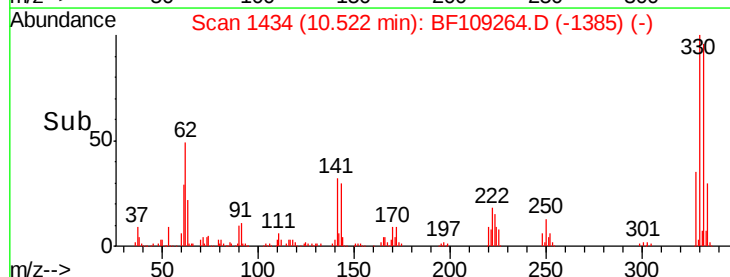
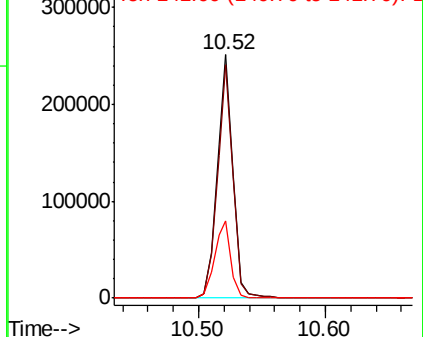


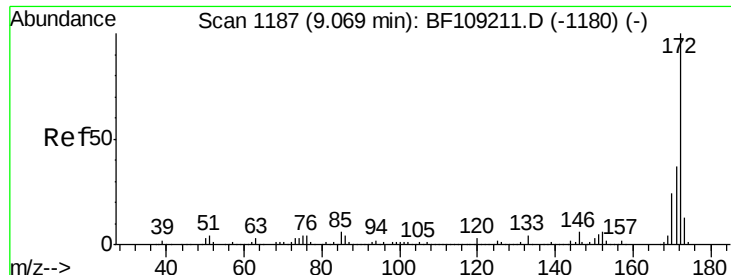
#41
2,4,6-Tribromophenol
Concen: 111.507 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:330 Resp: 218296
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.6
141 33.0 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

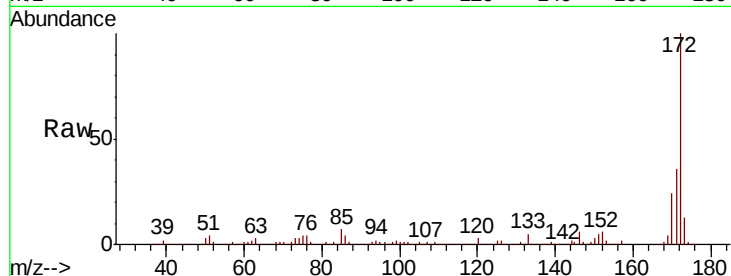




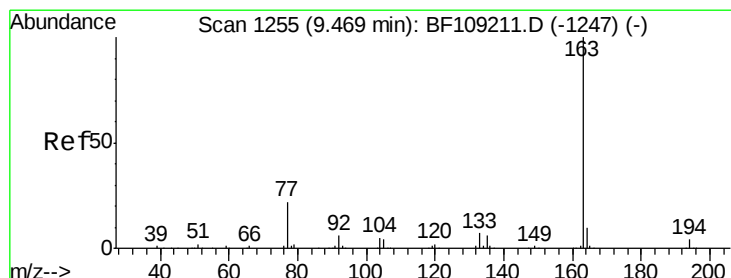
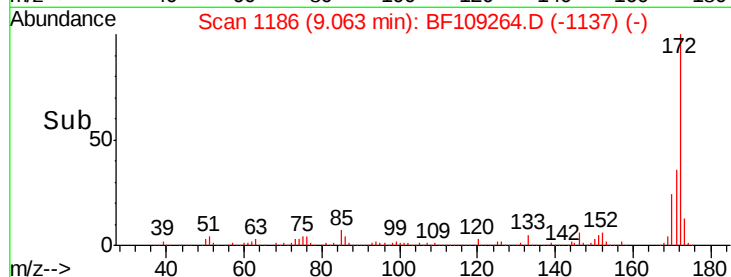
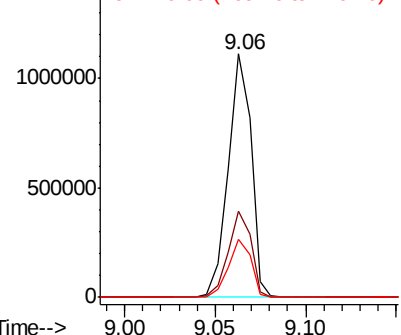
#44
2-Fluorobiphenyl
Concen: 74.620 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 982554
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.7 19.6 29.4

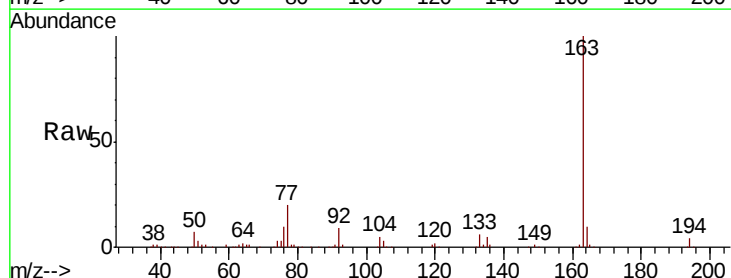


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

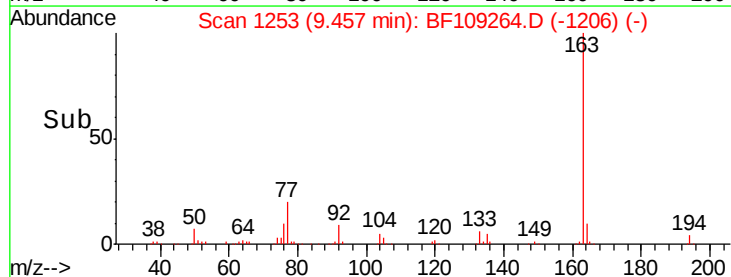
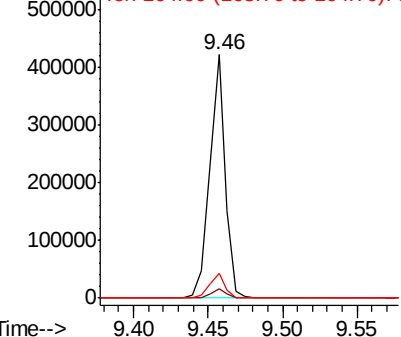


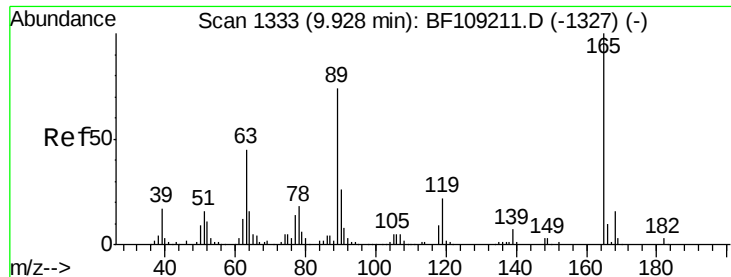
#49
Dimethylphthalate
Concen: 21.471 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Tgt Ion:163 Resp: 310127
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 10.0 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

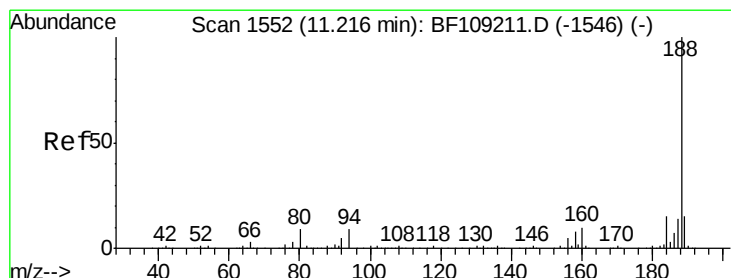
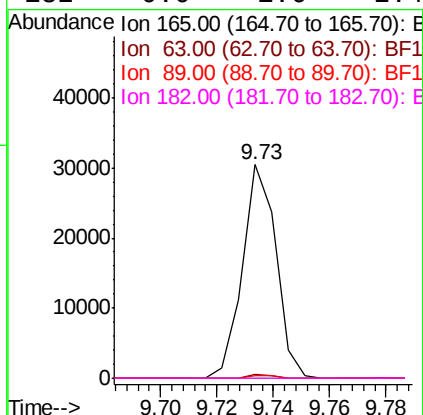
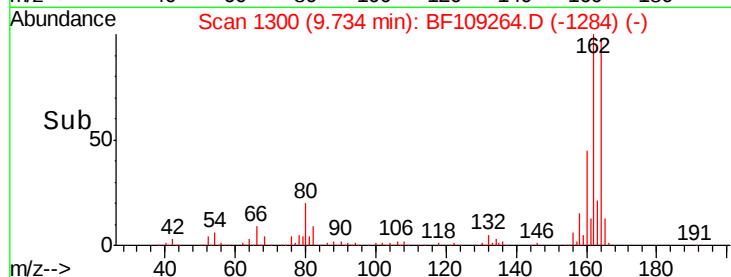
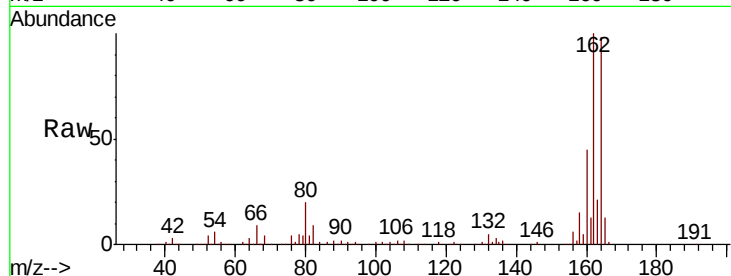




#56
 2,4-Dinitrotoluene
 Concen: 6.965 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.21 min
 Lab File: BF109264.D
 Acq: 24 Sep 2018 13:49

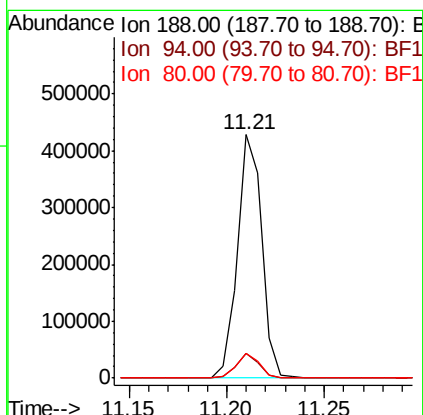
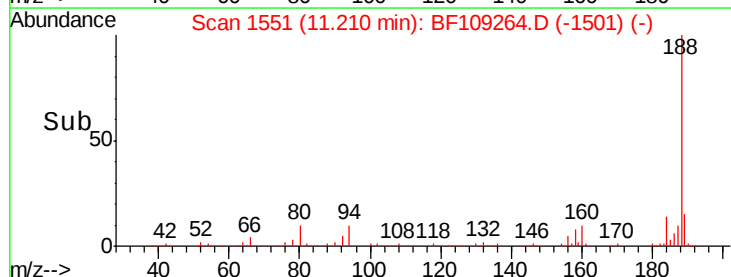
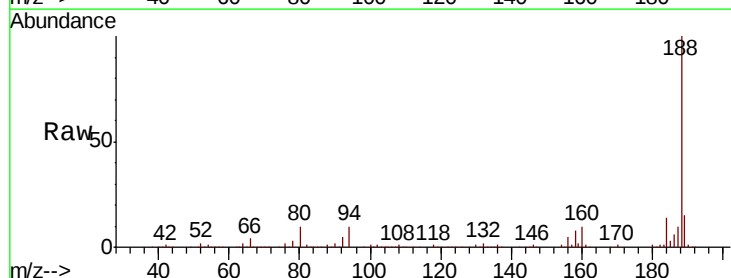
Instrument :
 BNA_F
 ClientSampleId :

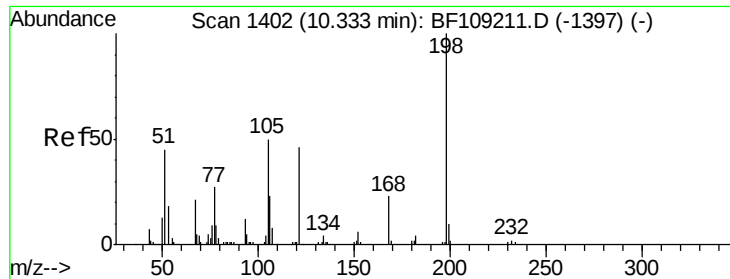
Tot Ion:165	Resp: 25209
Ion Ratio	Lower Upper
165 100	
63 1.7	36.4 54.6#
89 1.2	57.8 86.6#
182 0.0	1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF109264.D
 Acq: 24 Sep 2018 13:49

Tgt	Ion:188	Resp:	370528
Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	10.4	9.2	13.8





#64

4,6-Dinitro-2-methylphenol

Concen: 6.806 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109264.D

Acq: 24 Sep 2018 13:49

Instrument :

BNA_F

ClientSampled :

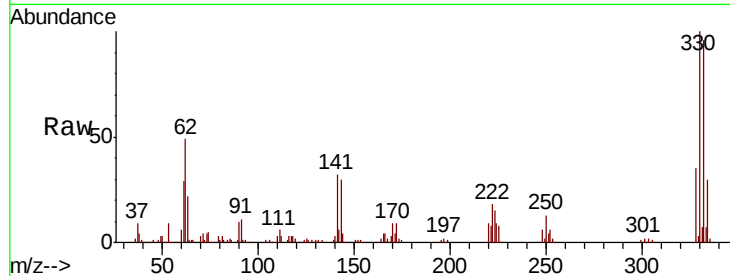
Tot Ion:198 Resp: 491

Ion Ratio Lower Upper

198 100

51 160.1 37.7 77.7#

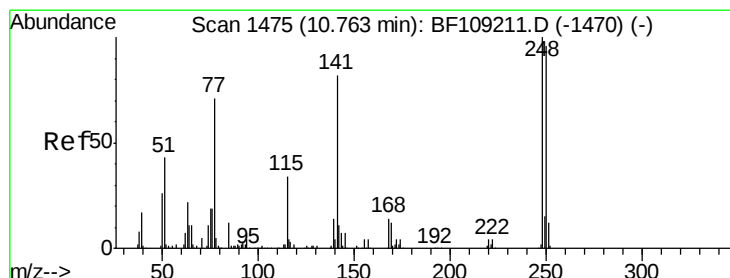
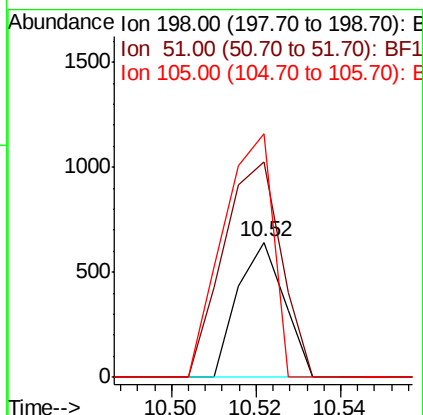
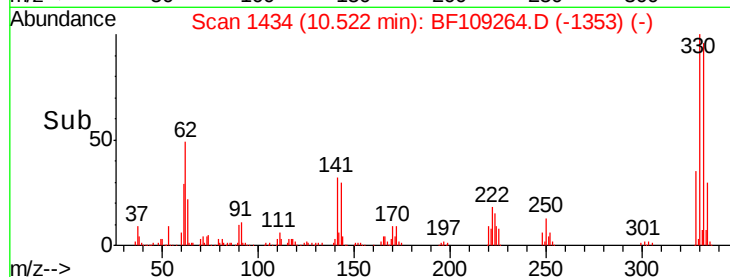
105 180.5 36.3 76.3#



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: 3.160 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.25 min

Lab File: BF109264.D

Acq: 24 Sep 2018 13:49

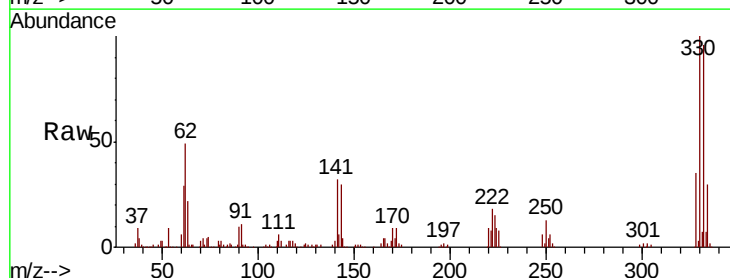
Tgt Ion:248 Resp: 13003

Ion Ratio Lower Upper

248 100

250 205.9 76.9 115.3#

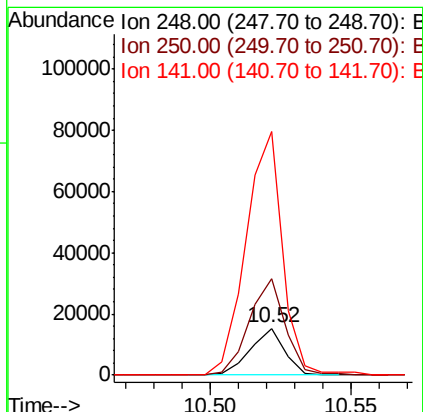
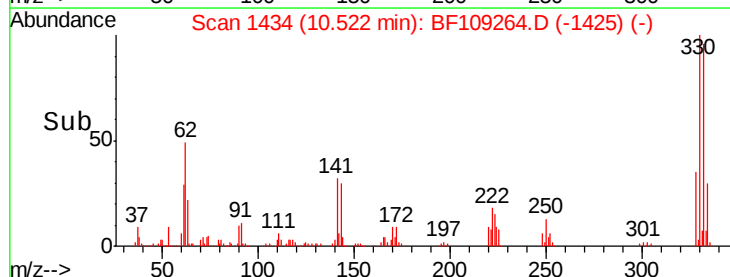
141 518.5 74.4 111.6#



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: BF109264.D

Acq: 24 Sep 2018 13:49

Instrument :

BNA_F

ClientSampleId :

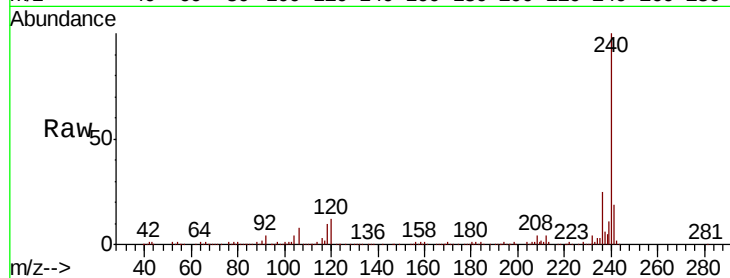
Tot Ion:240 Resp: 282167

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

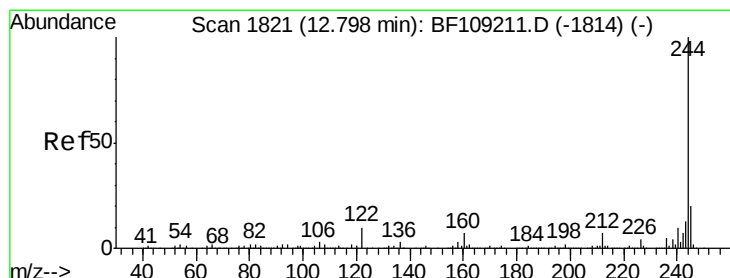
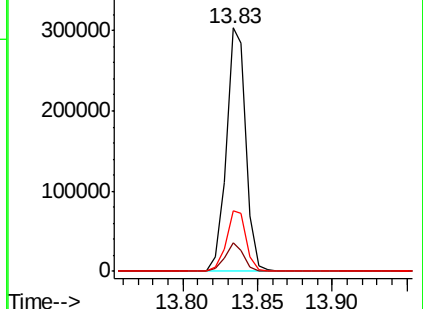
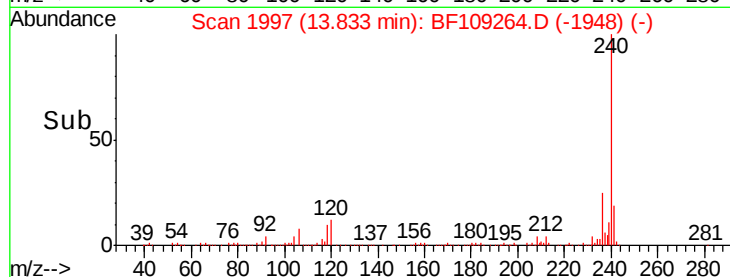
236 24.7 20.7 31.1



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: 75.571 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109264.D

Acq: 24 Sep 2018 13:49

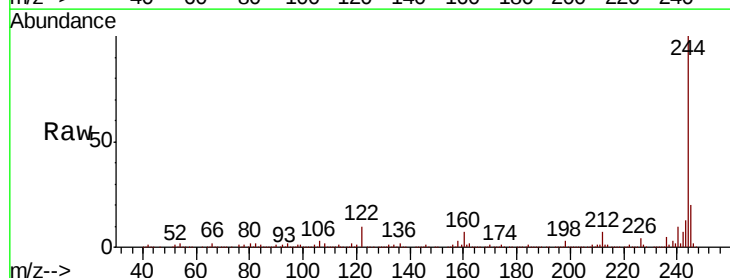
Tgt Ion:244 Resp: 868881

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

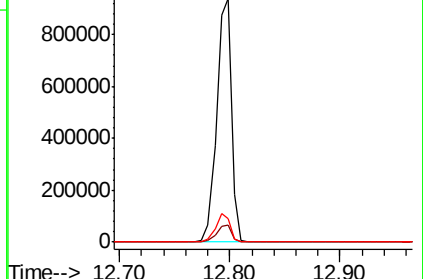
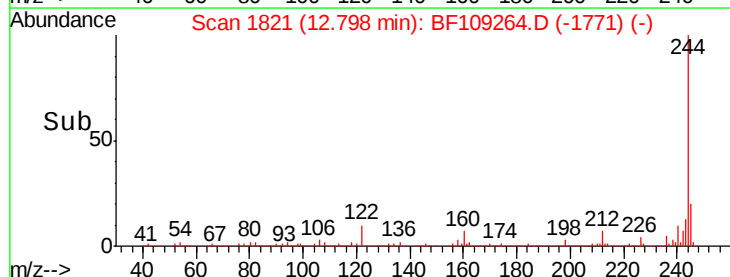
122 9.8 11.0 16.4#

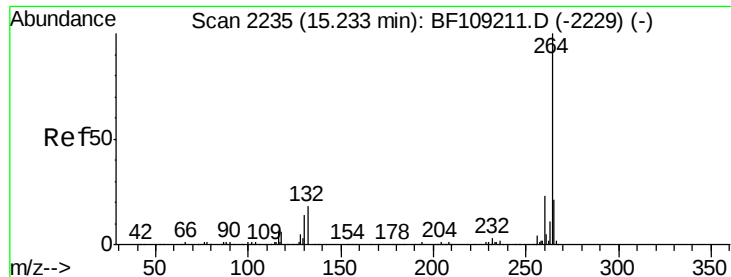


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109264.D
Acq: 24 Sep 2018 13:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.3	17.5	26.3

