

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
 Data File : BF109303.D
 Acq On : 25 Sep 2018 23:01
 Operator : JU/SJ
 Sample : J5044-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 02:29:15 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

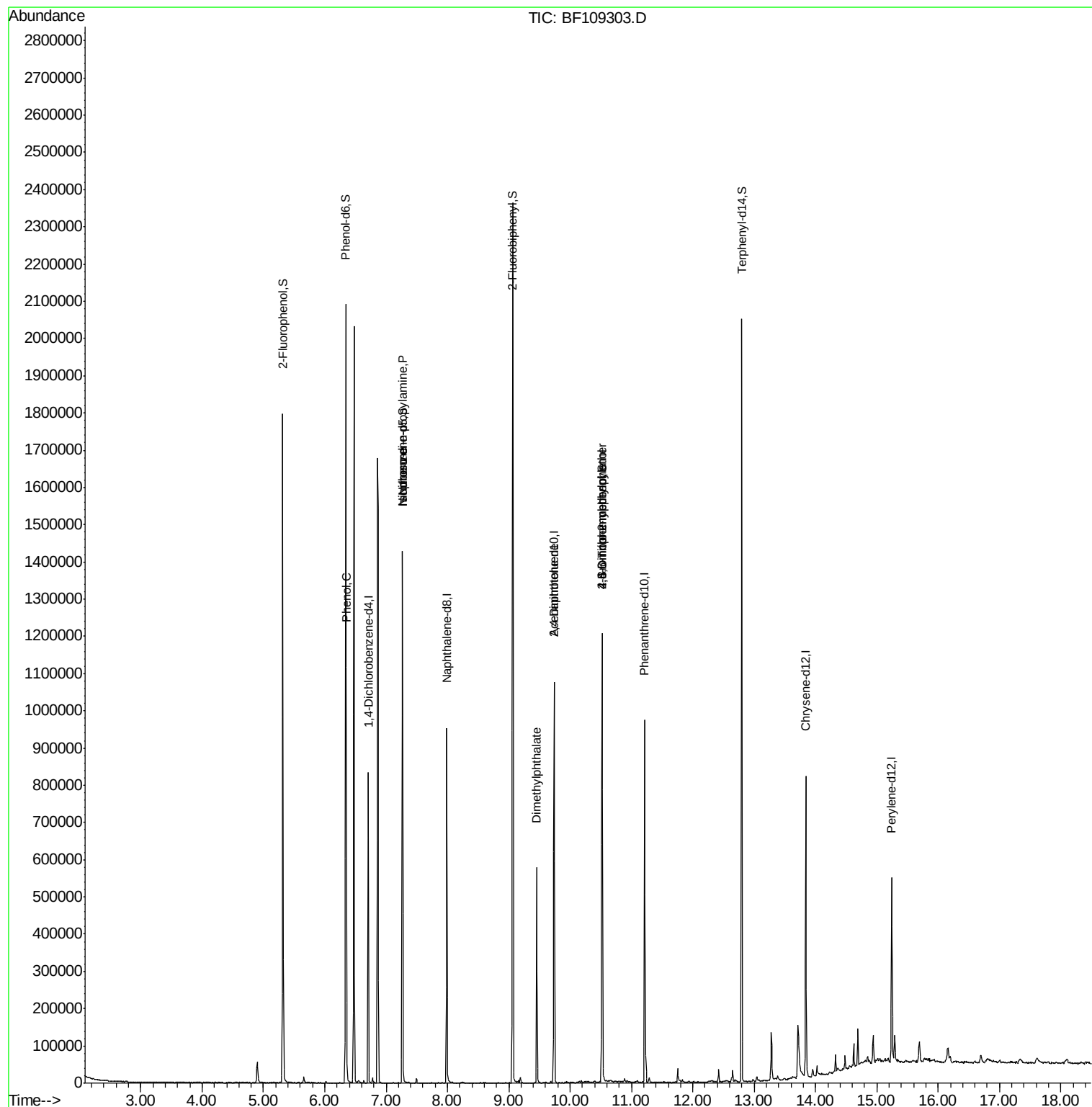
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	117169	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	443385	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	192700	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	323400	20.00	ng	0.00
75) Chrysene-d12	13.84	240	276337	20.00	ng	0.00
86) Perylene-d12	15.24	264	202334	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	537831	75.60	ng	0.00
7) Phenol-d6	6.35	99	684198	75.37	ng	-0.01
23) Nitrobenzene-d5	7.27	82	419426	55.84	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	140354	73.89	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	750220	58.72	ng	-0.01
78) Terphenyl-d14	12.80	244	642479	57.06	ng	0.00
Target Compounds						
10) Phenol	6.36	94	30752	2.991	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	55894	9.397	ng	# 77
25) Isophorone	7.27	82	364529	26.952	ng	# 64
49) Dimethylphthalate	9.46	163	198189	14.140	ng	100
56) 2,4-Dinitrotoluene	9.74	165	23942	6.817	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.52	198	147	6.618	ng	# 1
66) 4-Bromophenyl-phenylether	10.52	248	8664	2.413	ng	# 1

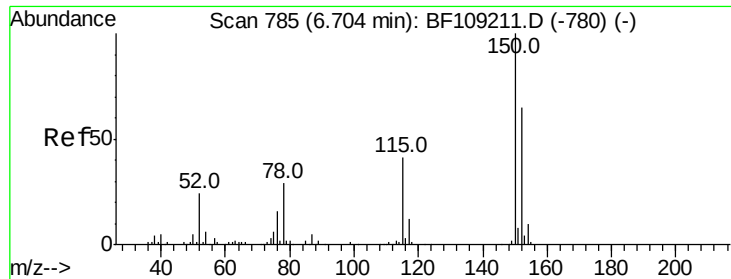
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092518\
Data File : BF109303.D
Acq On : 25 Sep 2018 23:01
Operator : JU/SJ
Sample : J5044-01
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Sep 26 02:29:15 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



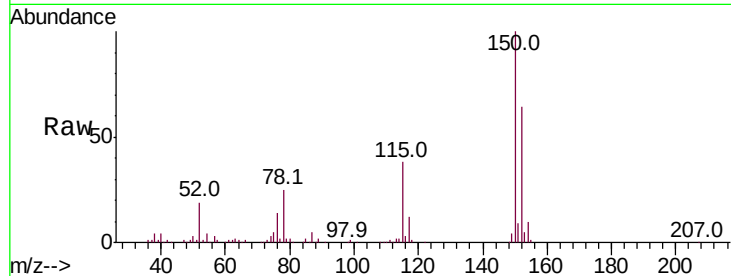


#1

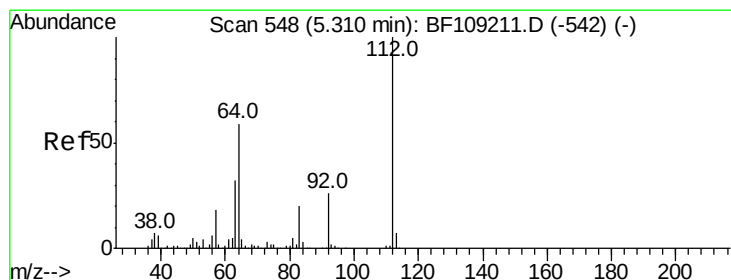
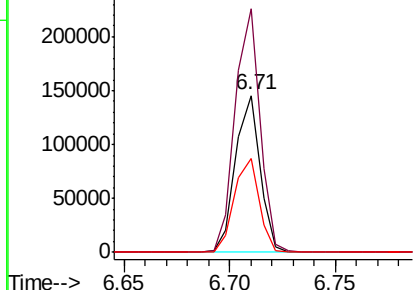
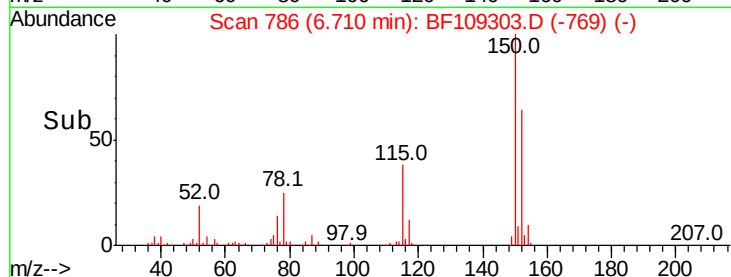
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 117169
Ion Ratio Lower Upper
152 100
150 155.4 124.6 186.8
115 59.7 50.1 75.1



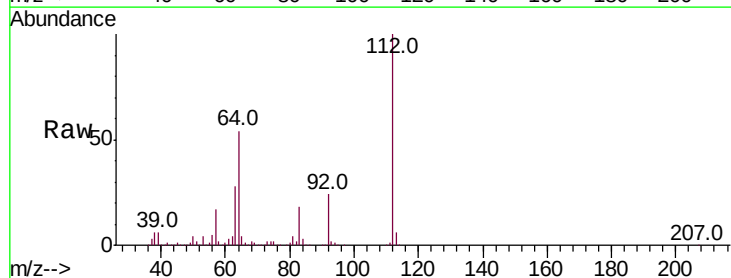
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



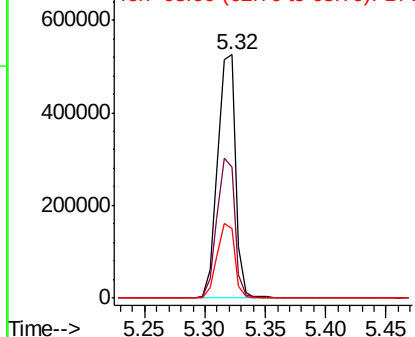
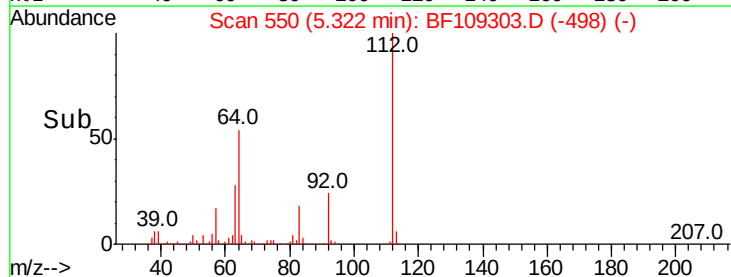
#5

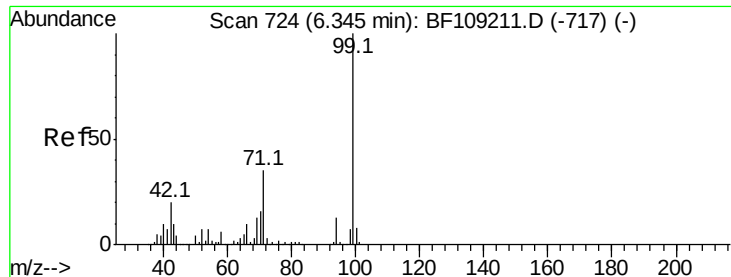
2-Fluorophenol
Concen: 75.604 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

Tgt Ion:112 Resp: 537831
Ion Ratio Lower Upper
112 100
64 54.0 47.9 71.9
63 28.4 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: 75.374 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109303.D

Acq: 25 Sep 2018 23:01

Instrument :

BNA_F

ClientSampled :

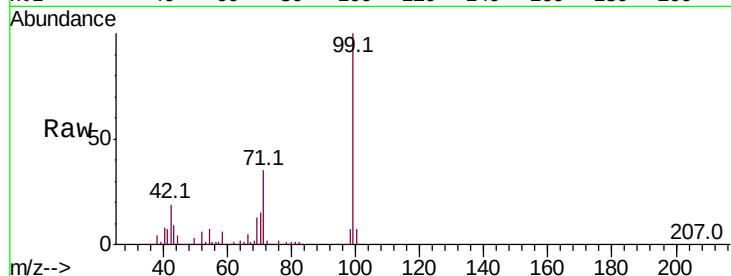
Tot Ion: 99 Resp: 684198

Ion Ratio Lower Upper

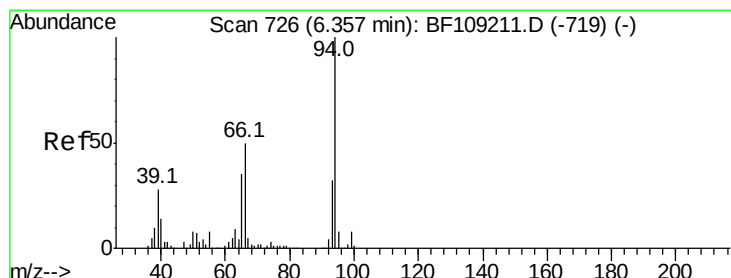
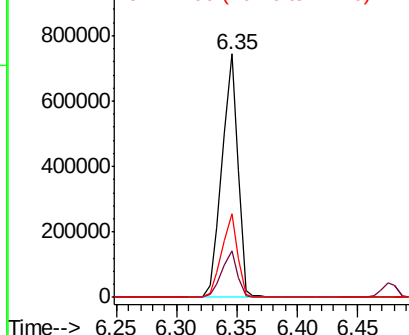
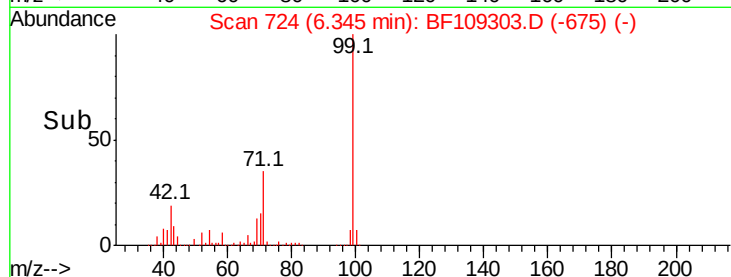
99 100

42 19.3 14.5 21.7

71 34.5 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



#10

Phenol

Concen: 2.991 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF109303.D

Acq: 25 Sep 2018 23:01

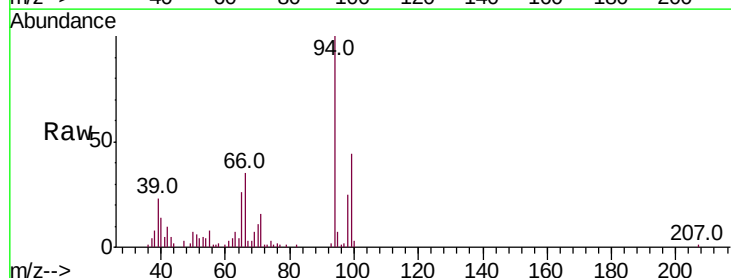
Tgt Ion: 94 Resp: 30752

Ion Ratio Lower Upper

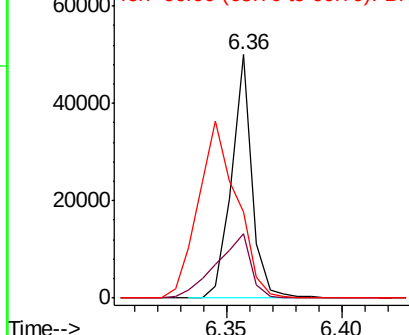
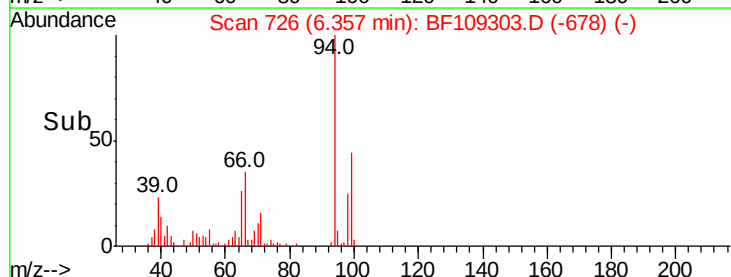
94 100

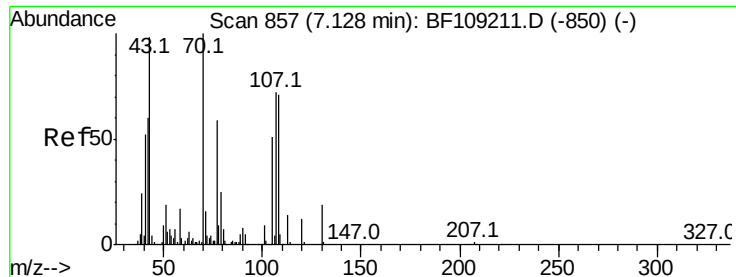
65 26.4 7.9 47.9

66 35.3 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

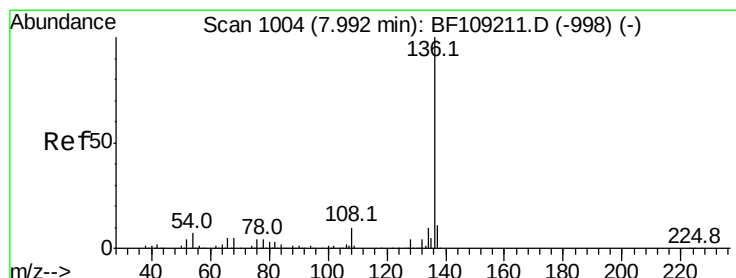
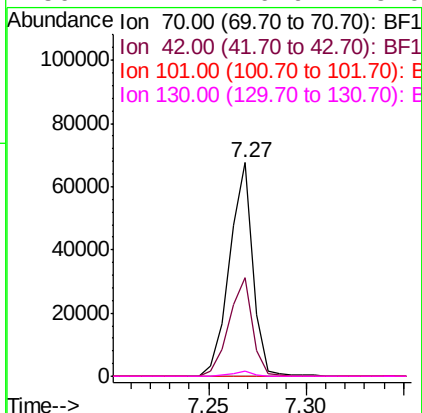
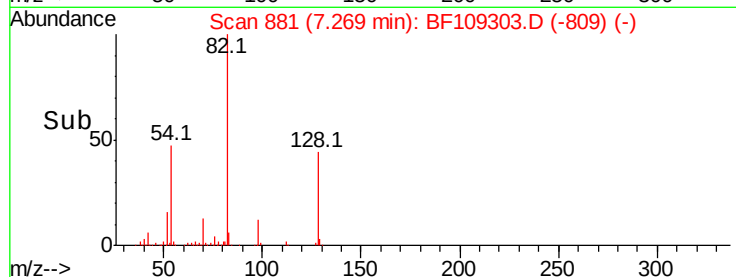
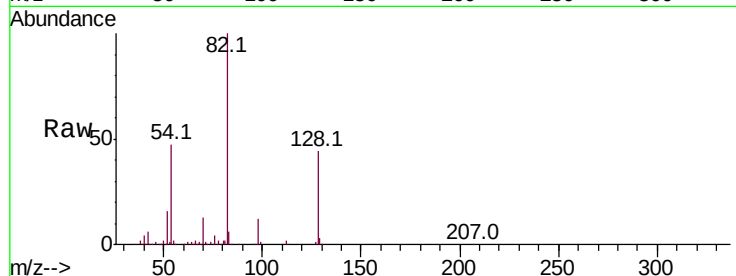




#19
n-Nitroso-di-n-propylamine
Concen: 9.397 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.12 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

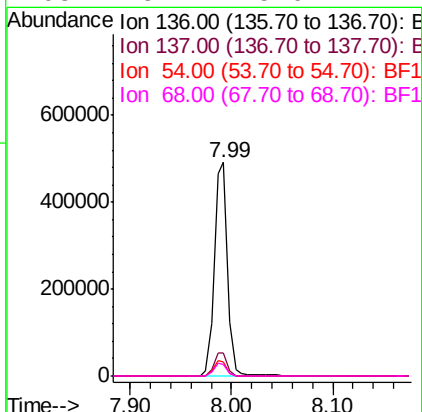
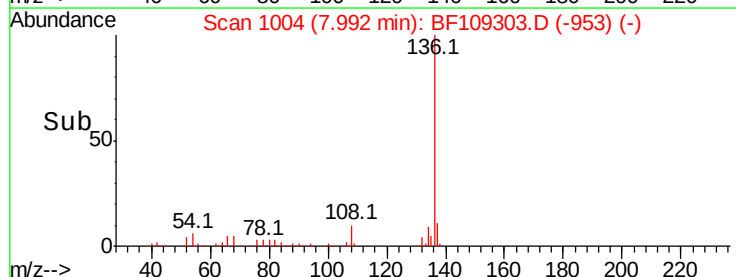
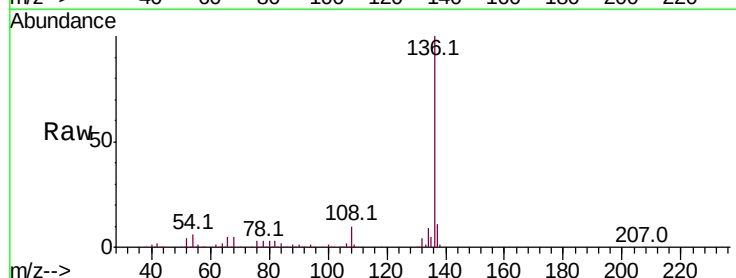
Instrument :
BNA_F
ClientSampleId :

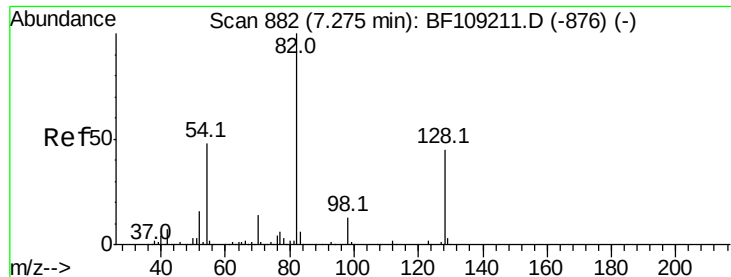
Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	47.5	71.3#
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4





#23

Nitrobenzene-d5

Concen: 55.842 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109303.D

Acq: 25 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

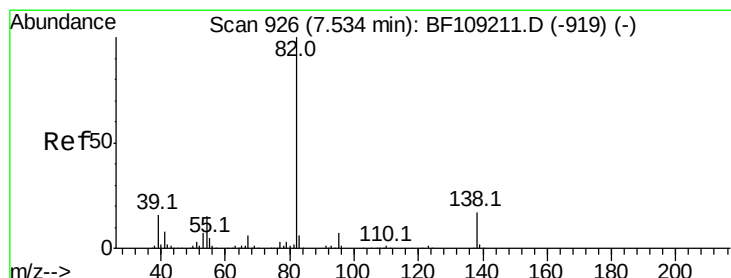
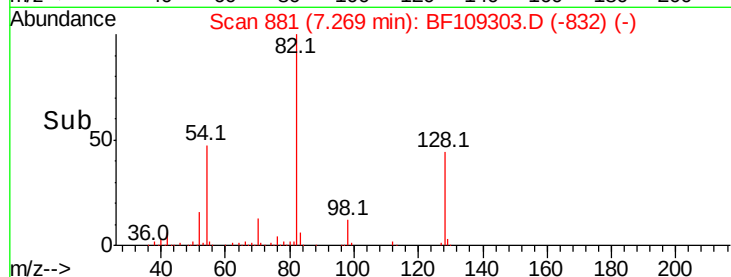
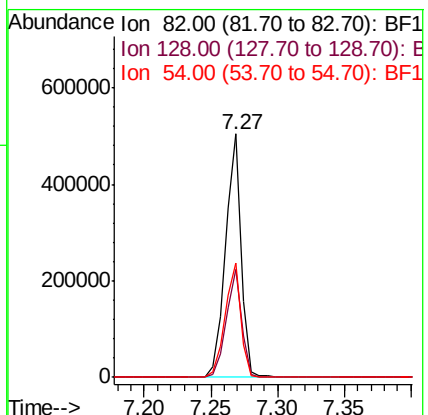
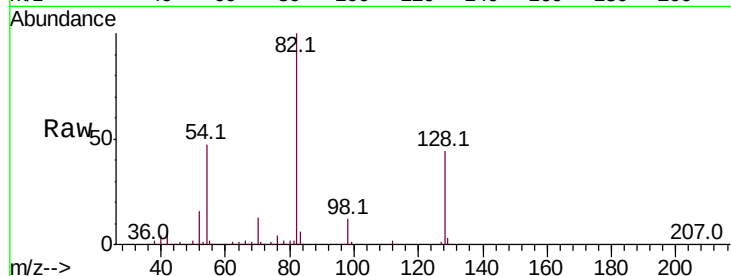
Tot Ion: 82 Resp: 419426

Ion Ratio Lower Upper

82 100

128 44.4 36.1 54.1

54 47.1 41.4 62.2



#25

Isophorone

Concen: 26.952 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.28 min

Lab File: BF109303.D

Acq: 25 Sep 2018 23:01

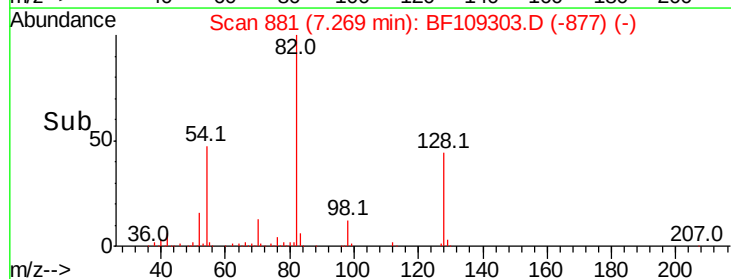
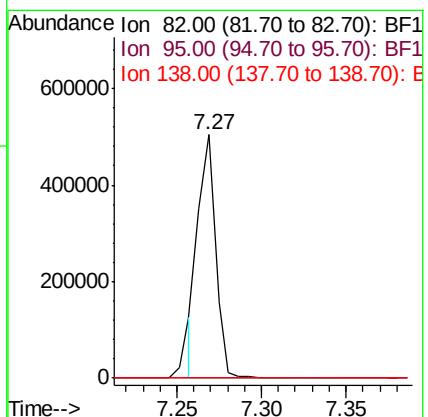
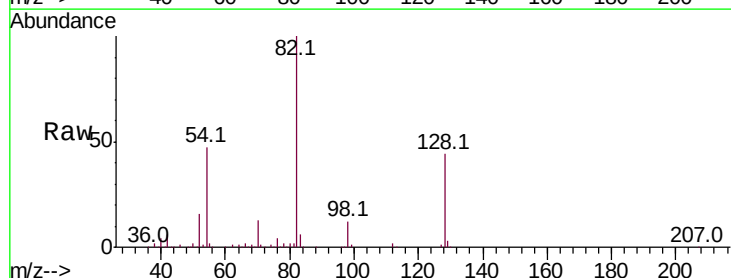
Tgt Ion: 82 Resp: 364529

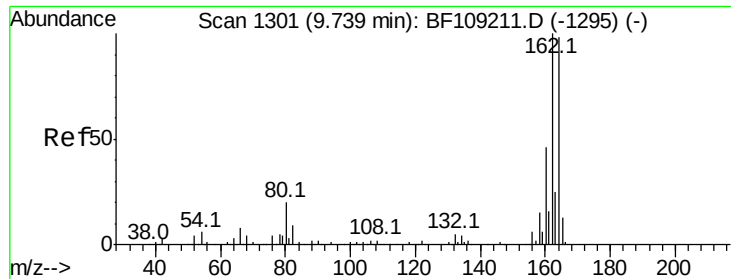
Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#

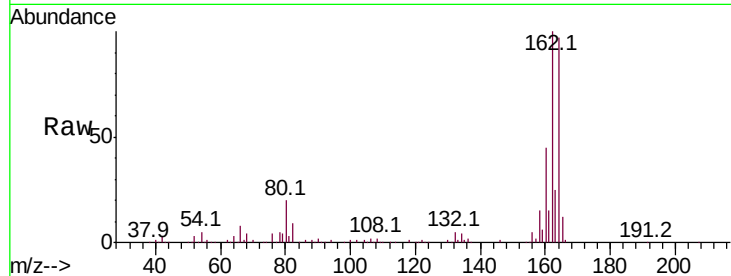




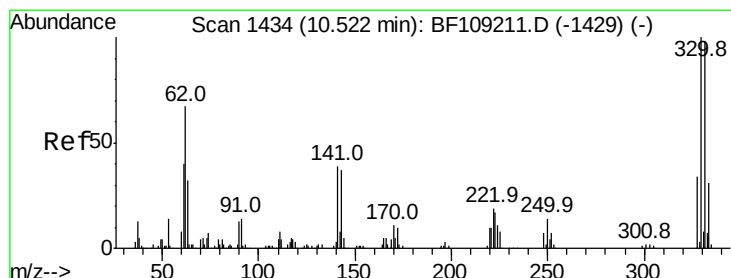
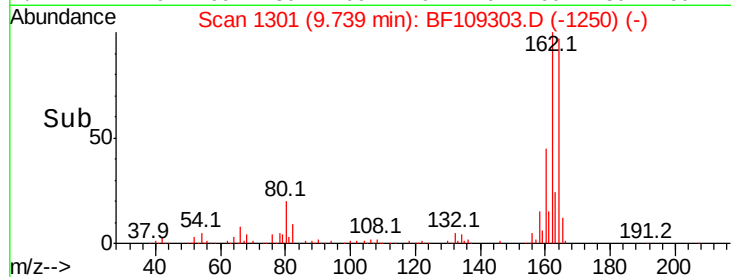
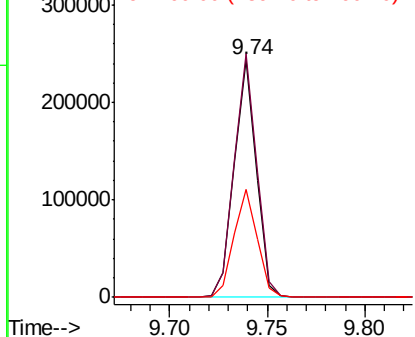
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.00 min
 Lab File: BF109303.D
 Acq: 25 Sep 2018 23:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 192700
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 45.7 38.3 57.5

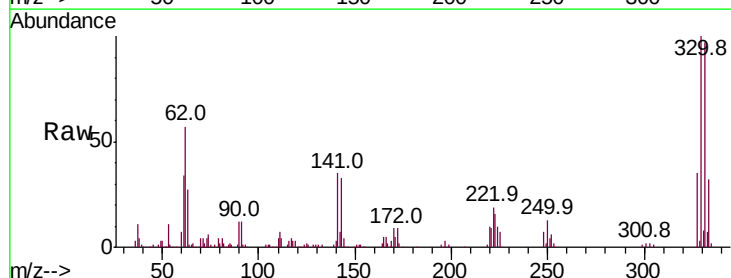


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

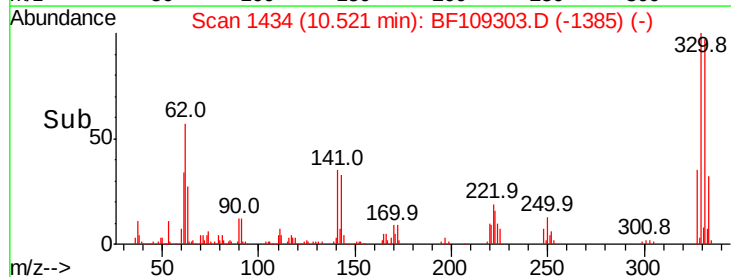
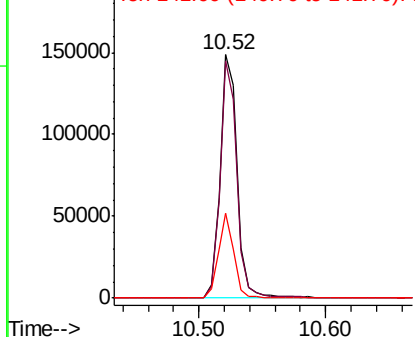


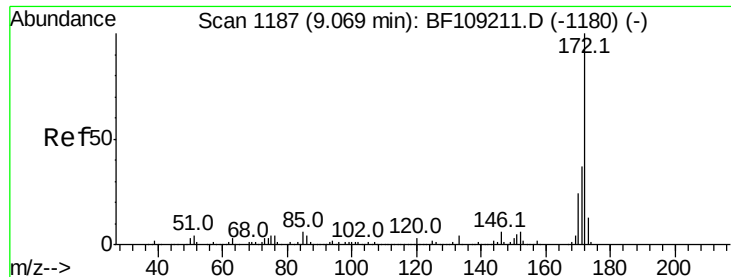
#41
 2,4,6-Tribromophenol
 Concen: 73.885 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109303.D
 Acq: 25 Sep 2018 23:01

Tgt Ion:330 Resp: 140354
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 31.9 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

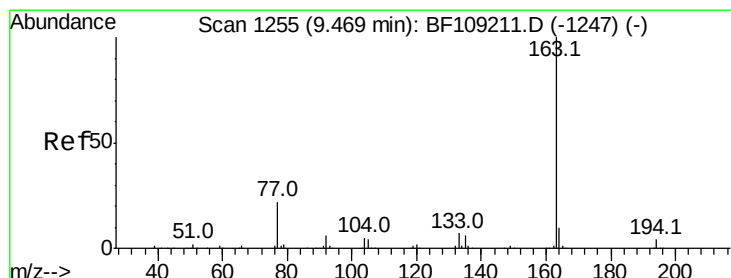
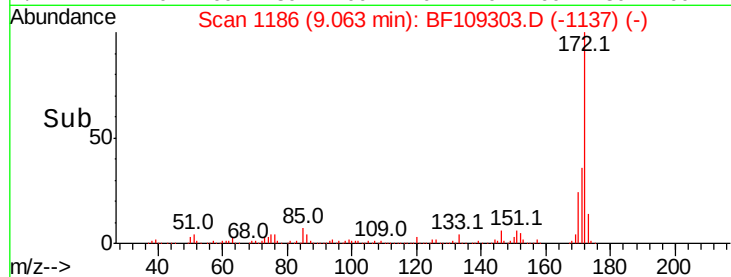
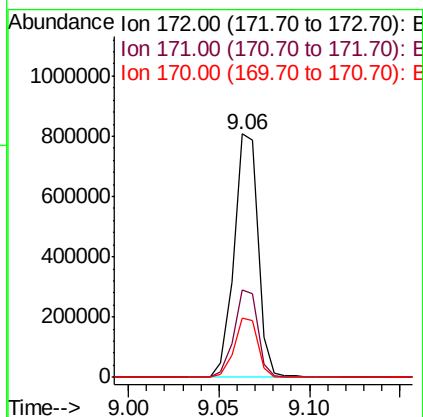
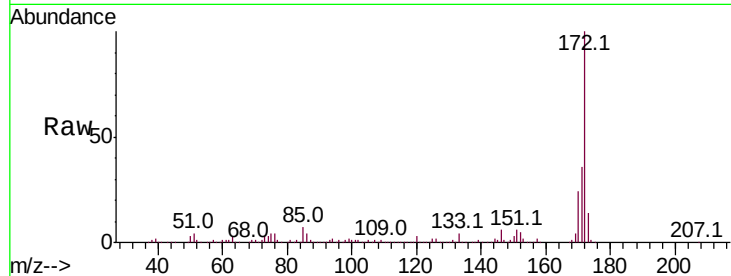




#44
 2-Fluorobiphenyl
 Concen: 58.717 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109303.D
 Acq: 25 Sep 2018 23:01

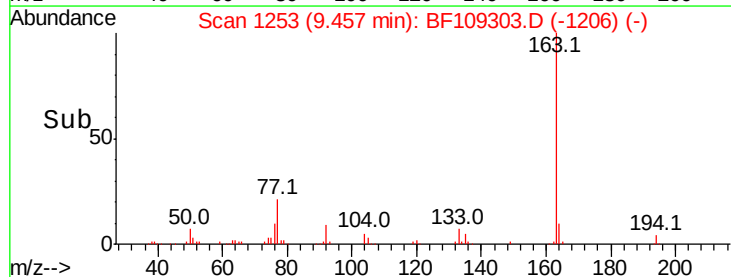
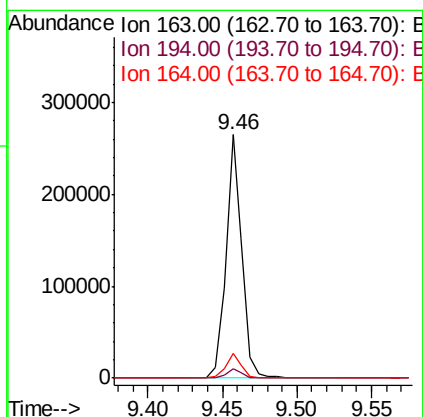
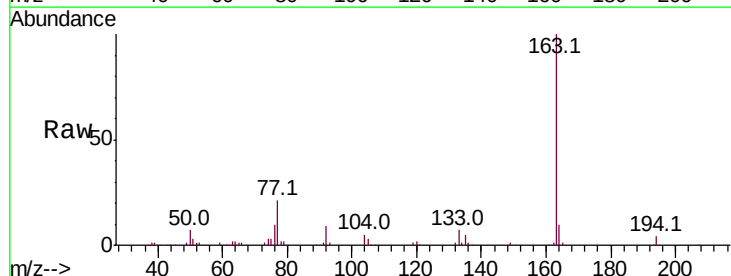
Instrument :
 BNA_F
 ClientSampled :

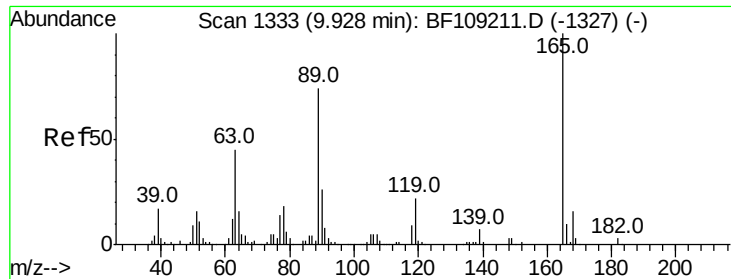
Tot Ion:172 Resp: 750220
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 24.3 19.6 29.4



#49
 Dimethylphthalate
 Concen: 14.140 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109303.D
 Acq: 25 Sep 2018 23:01

Tgt Ion:163 Resp: 198189
 Ion Ratio Lower Upper
 163 100
 194 3.9 2.7 4.1
 164 10.2 8.2 12.2

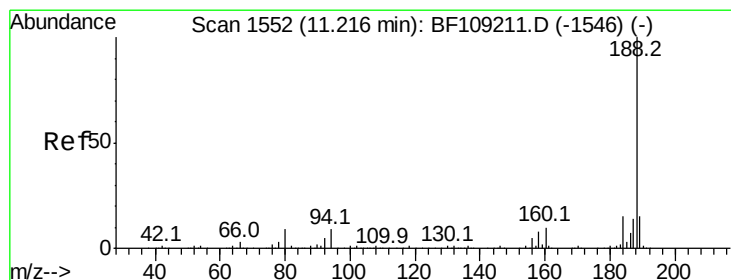
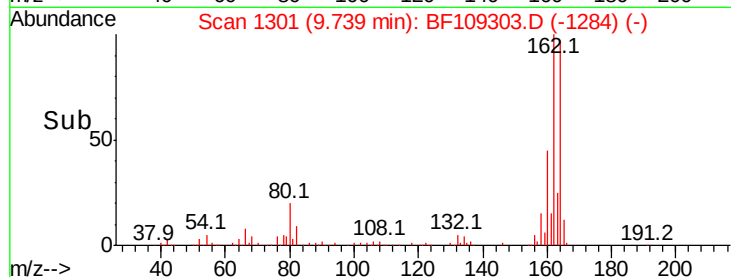
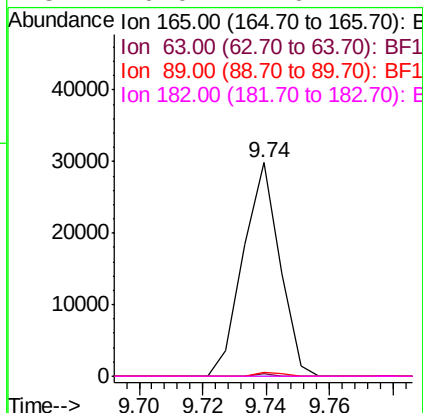
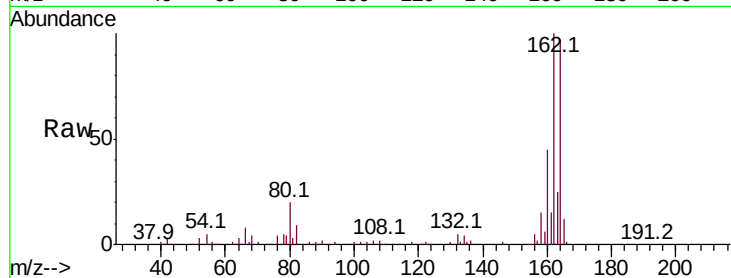




#56
 2,4-Dinitrotoluene
 Concen: 6.817 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109303.D
 Acq: 25 Sep 2018 23:01

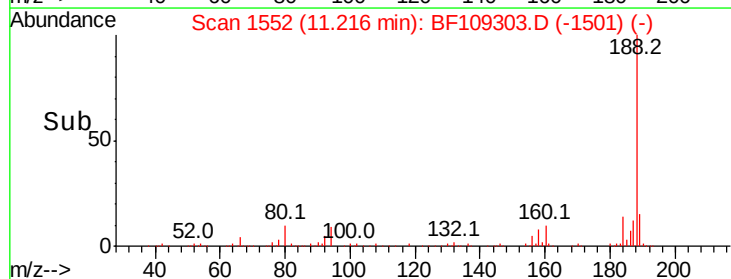
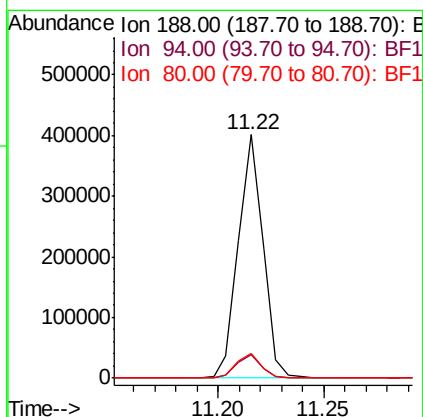
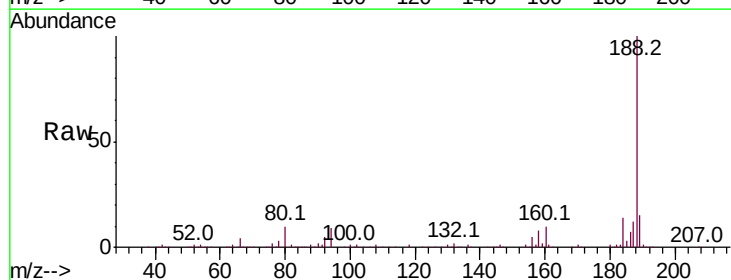
Instrument :
 BNA_F
 ClientSampleId :

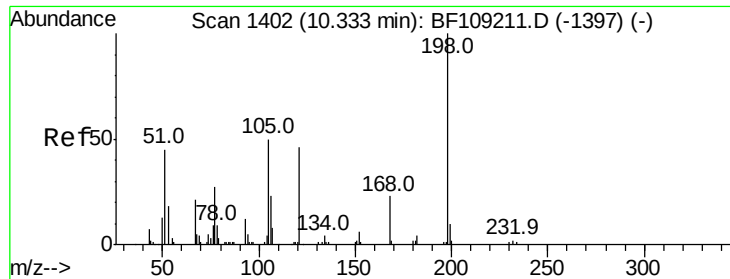
Tot Ion:165	Resp:	23942	
Ion Ratio	Lower	Upper	
165 100			
63 1.5	36.4	54.6#	
89 1.6	57.8	86.6#	
182 0.0	1.6	2.4#	



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.00 min
 Lab File: BF109303.D
 Acq: 25 Sep 2018 23:01

Tgt	Ion:188	Resp:	323400
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	10.0	9.2	13.8

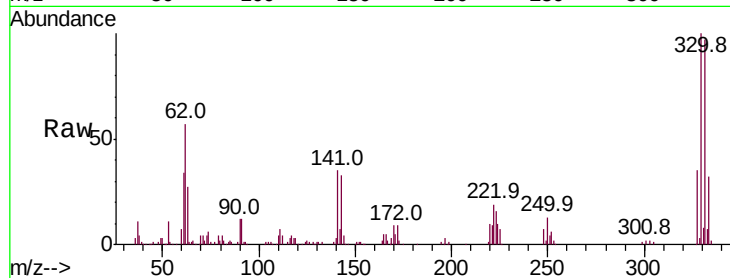




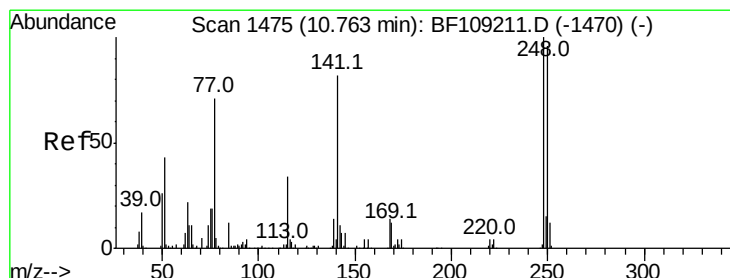
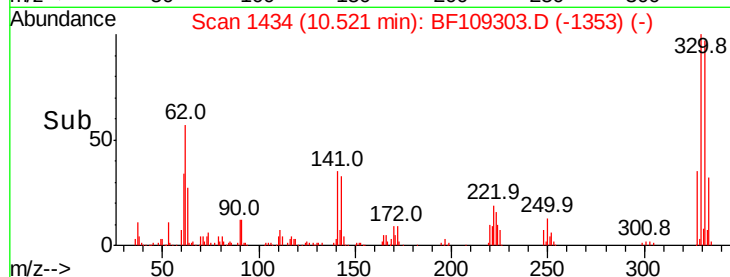
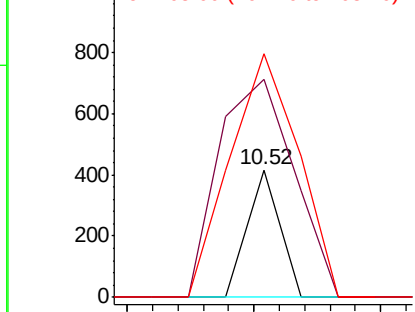
#64
4,6-Dinitro-2-methylphenol
Concen: 6.618 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

Instrument :
BNA_F
ClientSampled :

Tot Ion:198 Resp: 147
Ion Ratio Lower Upper
198 100
51 170.5 37.7 77.7#
105 190.9 36.3 76.3#

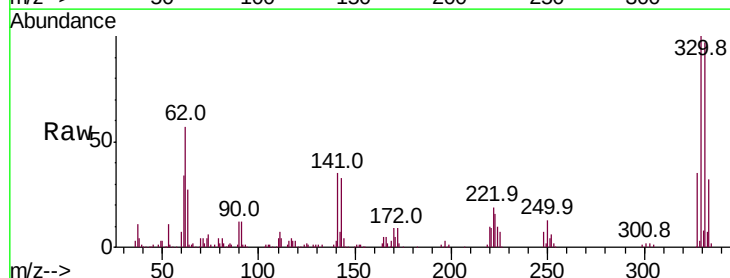


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

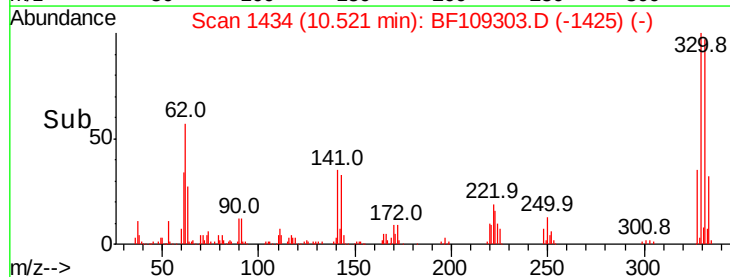
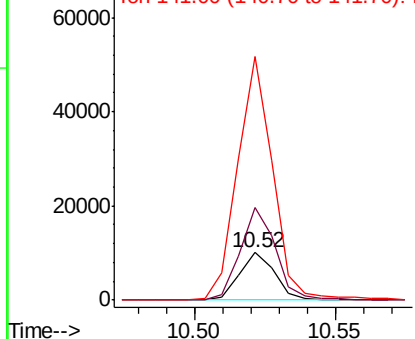


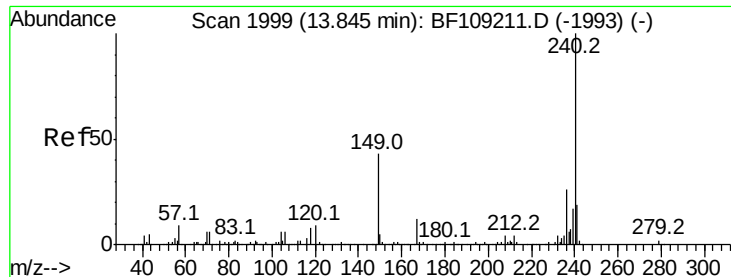
#66
4-Bromophenyl-phenylether
Concen: 2.413 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.25 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

Tgt Ion:248 Resp: 8664
Ion Ratio Lower Upper
248 100
250 197.1 76.9 115.3#
141 515.8 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# 1999

Delta R.T. -0.00 min

Lab File: BF109303.D

Acq: 25 Sep 2018 23:01

Instrument :

BNA_F

ClientSampleId :

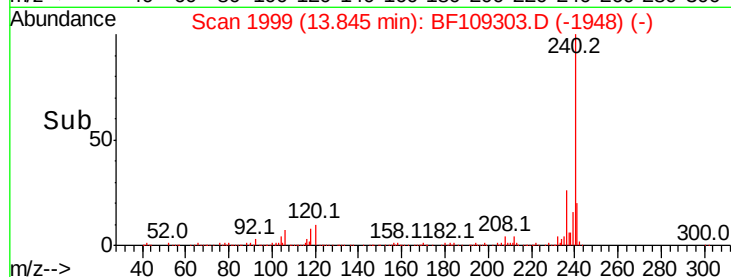
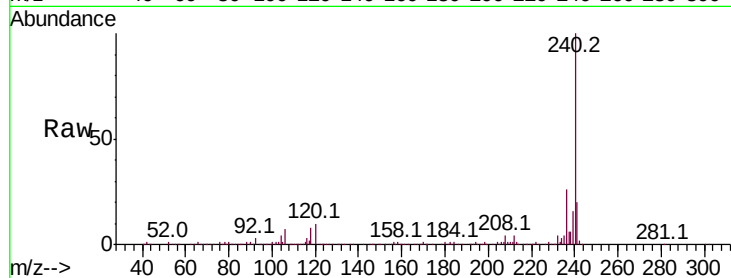
Tot Ion:240 Resp: 276337

Ion Ratio Lower Upper

240 100

120 9.8 9.5 14.3

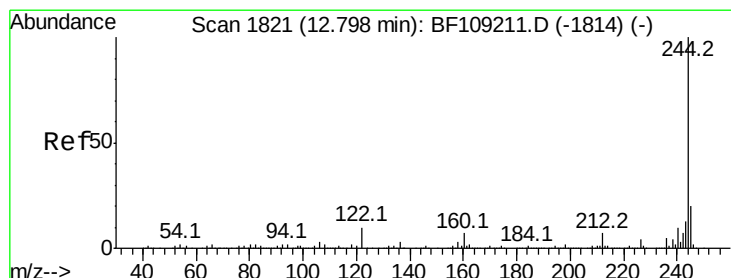
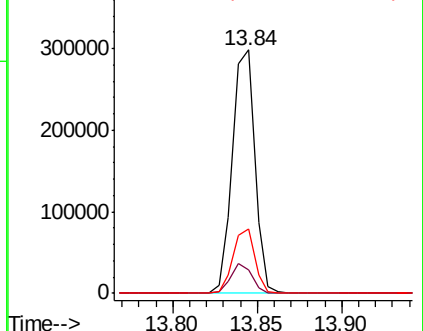
236 26.4 20.7 31.1



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: 57.059 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109303.D

Acq: 25 Sep 2018 23:01

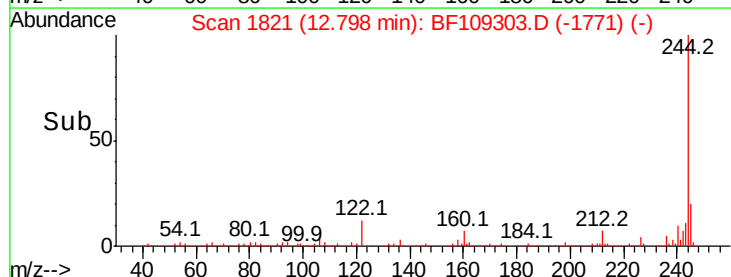
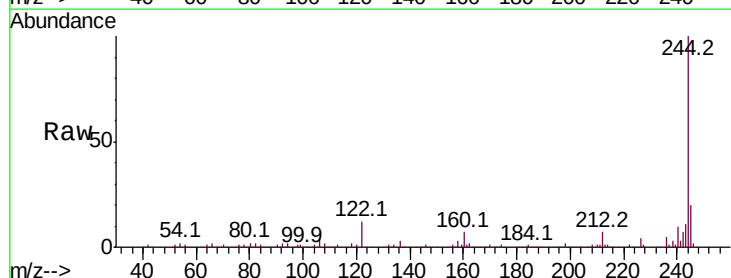
Tgt Ion:244 Resp: 642479

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

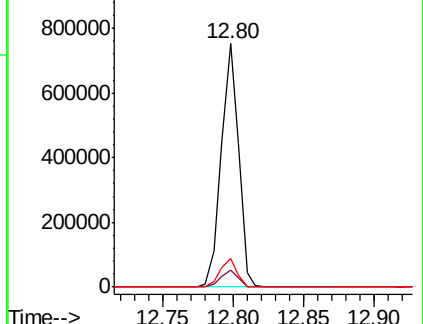
122 11.8 11.0 16.4

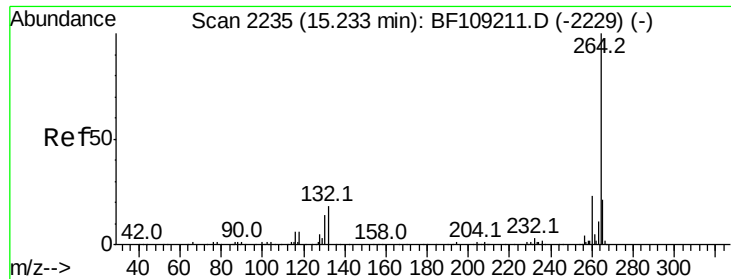


Abundance Ion 244.00 (243.70 to 244.70): E

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# 2237
Delta R.T. 0.01 min
Lab File: BF109303.D
Acq: 25 Sep 2018 23:01

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	202334
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	17.5	26.3

