

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109238.D
 Acq On : 22 Sep 2018 22:49
 Operator : JU/SJ
 Sample : J4777-29 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:51:23 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

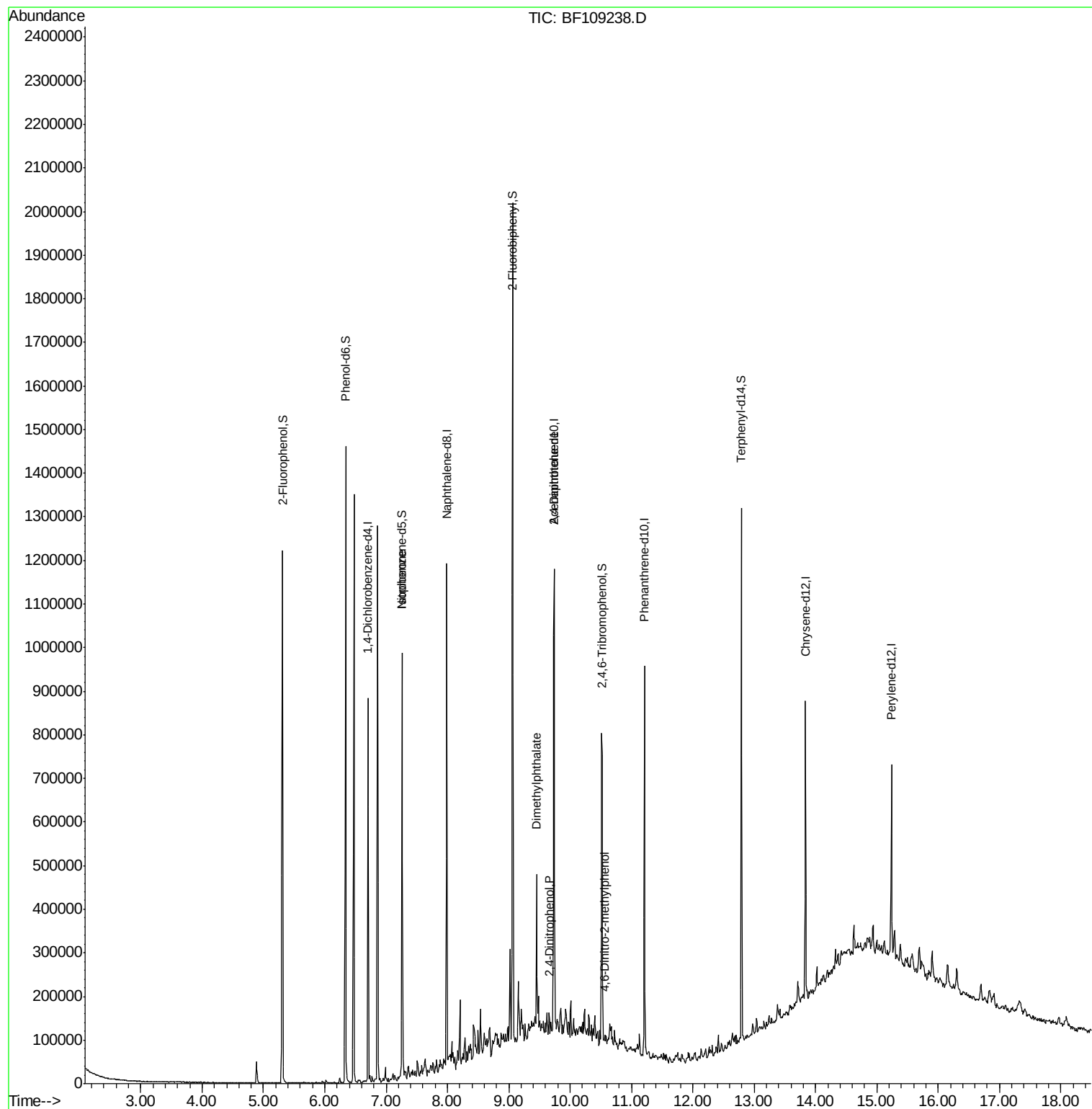
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	117765	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	442968	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	192292	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	308226	20.00	ng	0.00
75) Chrysene-d12	13.84	240	230353	20.00	ng	0.00
86) Perylene-d12	15.24	264	190131	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	335191	46.88	ng	0.00
7) Phenol-d6	6.34	99	444602	48.73	ng	-0.02
23) Nitrobenzene-d5	7.26	82	269467	35.91	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	81257	42.87	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	506793	39.75	ng	-0.01
78) Terphenyl-d14	12.79	244	353902	37.70	ng	-0.01
Target Compounds						
25) Isophorone	7.26	82	250097	18.508	ng	# 64
49) Dimethylphthalate	9.46	163	114440	8.182	ng	# 99
53) 2,4-Dinitrophenol	9.67	184	645	9.089	ng	# 1
56) 2,4-Dinitrotoluene	9.74	165	24400	6.962	ng	# 25
64) 4,6-Dinitro-2-methylphenol	10.55	198	589	6.932	ng	# 1

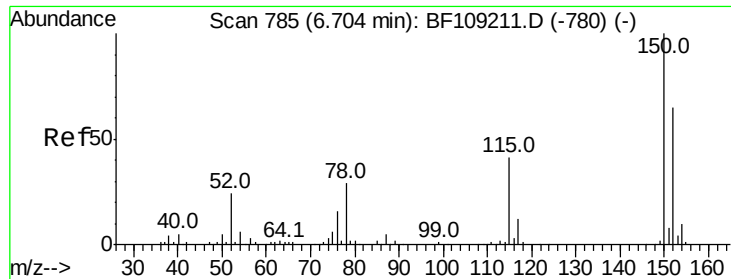
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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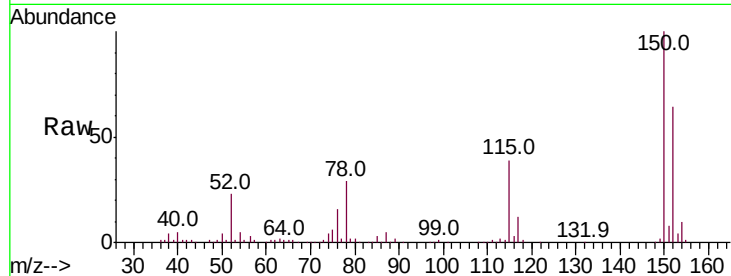


#1

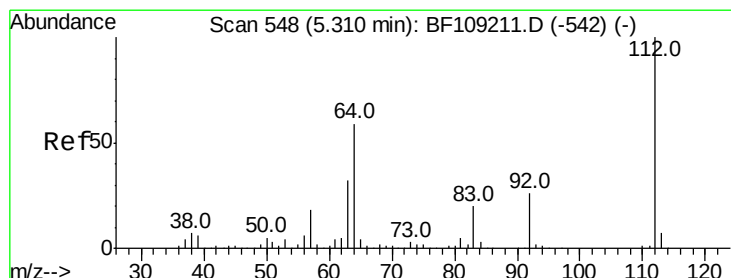
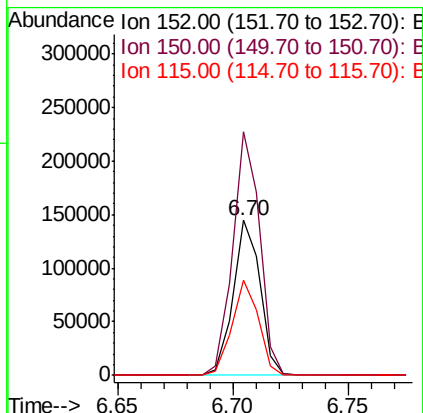
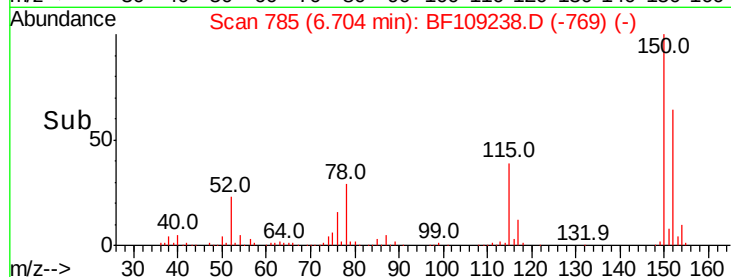
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109238.D
Acq: 22 Sep 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117765
Ion Ratio Lower Upper
152 100
150 157.0 124.6 186.8
115 61.7 50.1 75.1



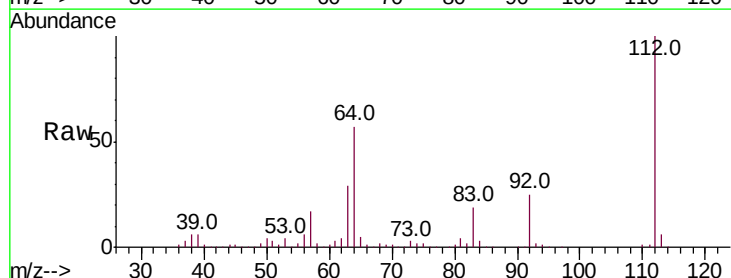
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



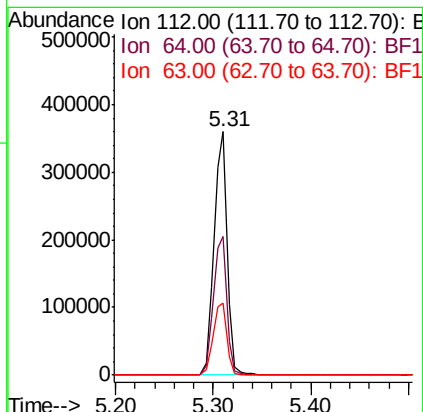
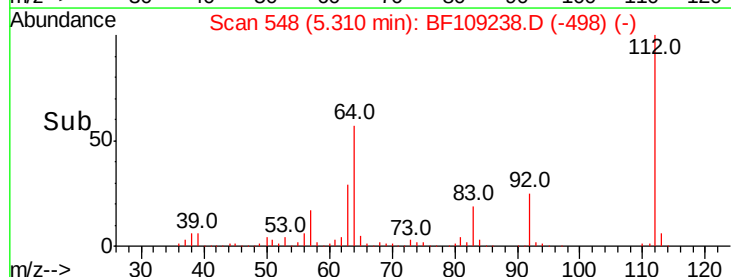
#5

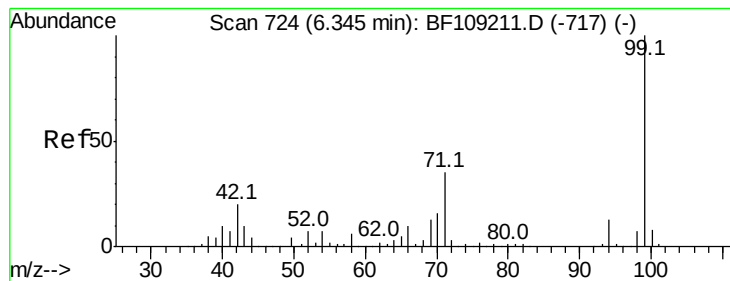
2-Fluorophenol
Concen: 46.880 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109238.D
Acq: 22 Sep 2018 22:49

Tgt Ion:112 Resp: 335191
Ion Ratio Lower Upper
112 100
64 56.9 47.9 71.9
63 29.4 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: 48.731 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109238.D

Acq: 22 Sep 2018 22:49

Instrument :

BNA_F

ClientSampleId :

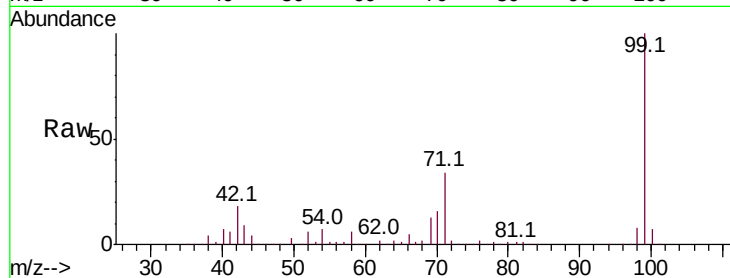
Tot Ion: 99 Resp: 444602

Ion Ratio Lower Upper

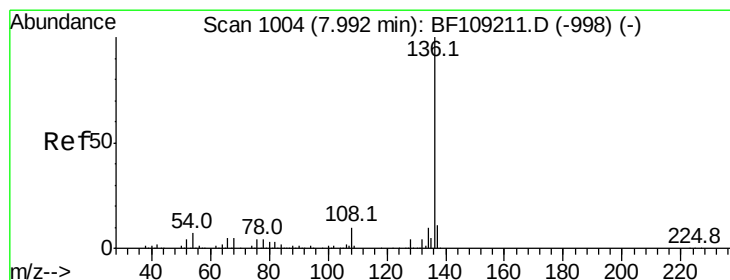
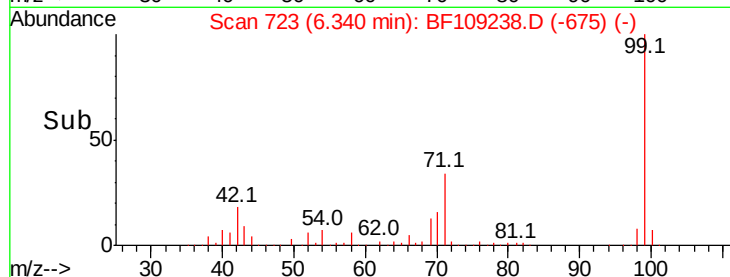
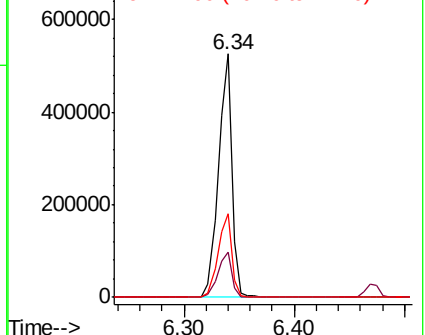
99 100

42 18.5 14.5 21.7

71 34.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109238.D

Acq: 22 Sep 2018 22:49

Tgt Ion: 136 Resp: 442968

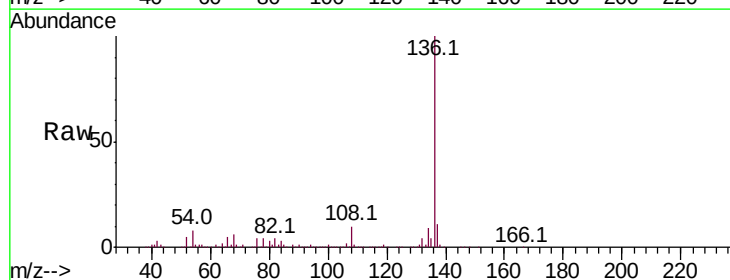
Ion Ratio Lower Upper

136 100

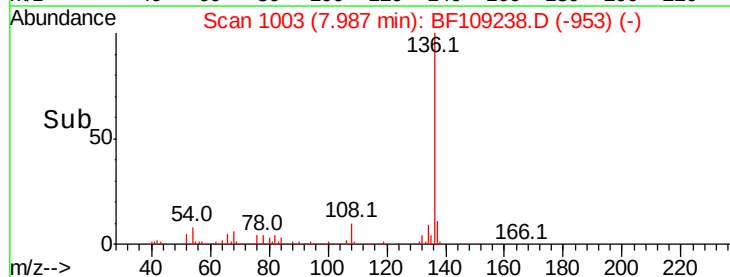
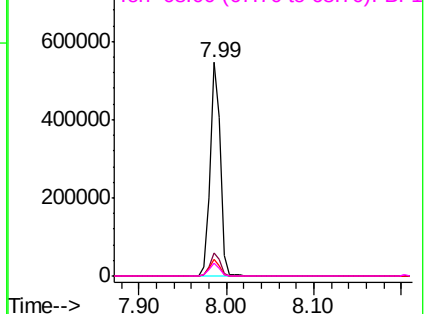
137 11.1 8.9 13.3

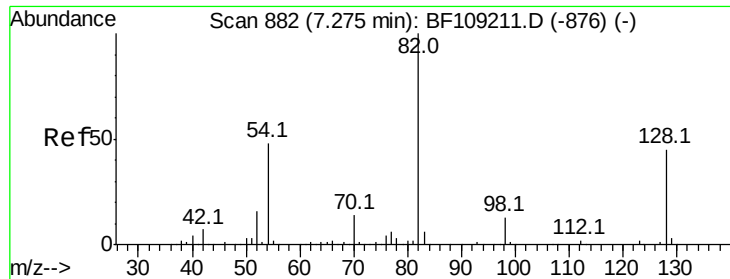
54 7.7 6.6 9.8

68 6.2 5.0 7.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

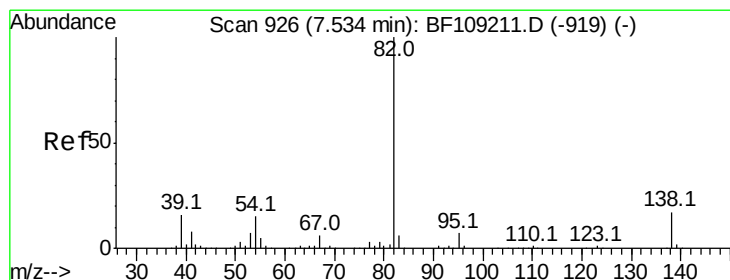
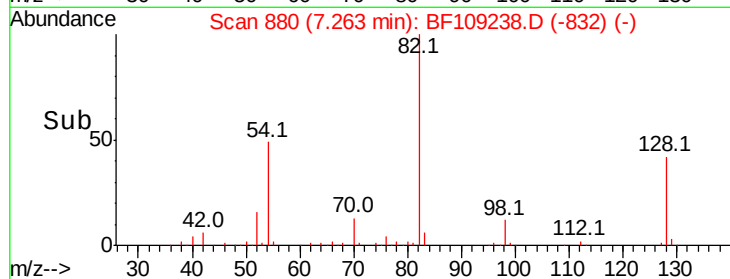
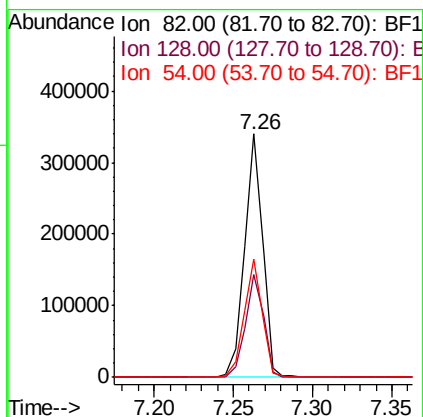
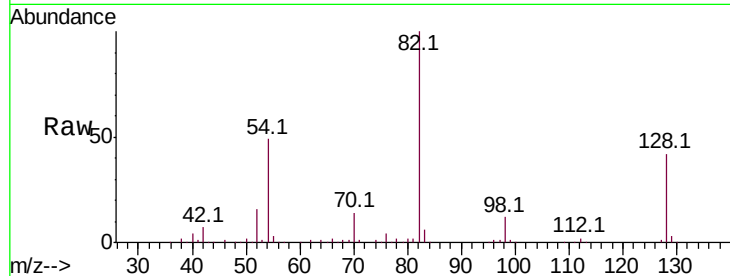




#23
 Nitrobenzene-d5
 Concen: 35.910 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.02 min
 Lab File: BF109238.D
 Acq: 22 Sep 2018 22:49

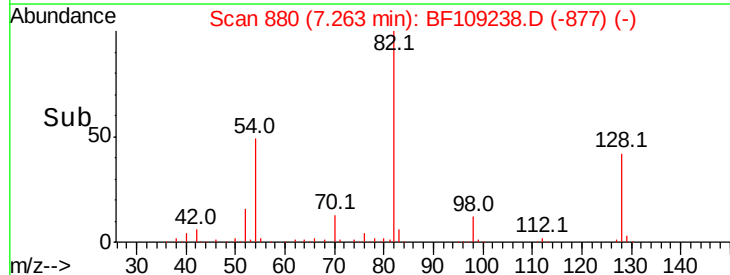
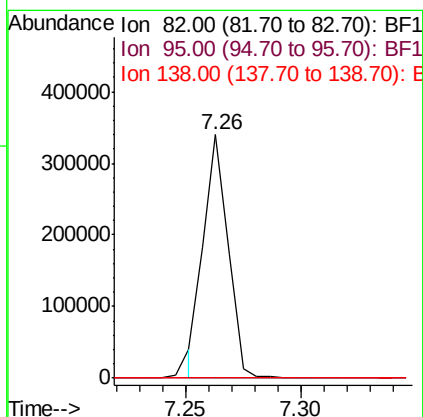
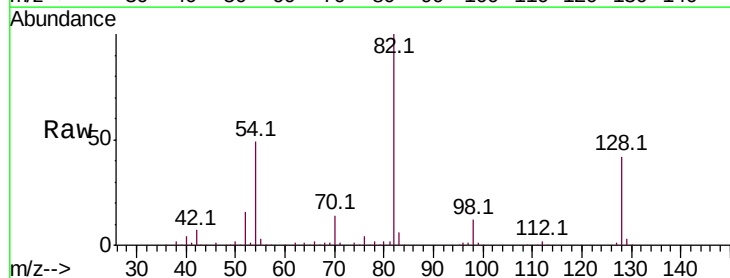
Instrument :
 BNA_F
 ClientSampleID :

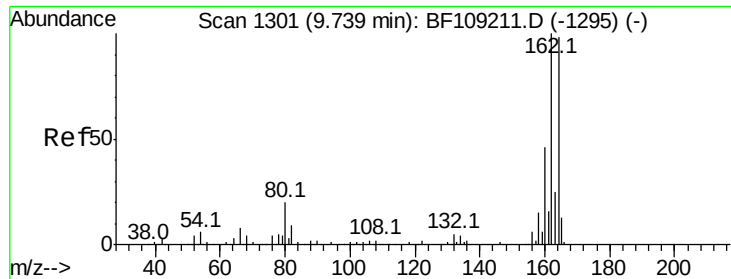
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	36.1	54.1
54	48.7	41.4	62.2



#25
 Isophorone
 Concen: 18.508 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.28 min
 Lab File: BF109238.D
 Acq: 22 Sep 2018 22:49

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.2	7.8#
138	0.0	14.9	22.3#

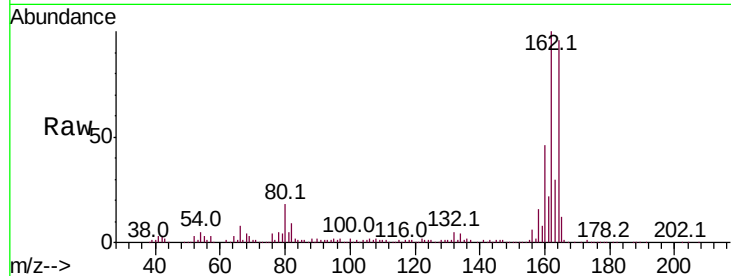




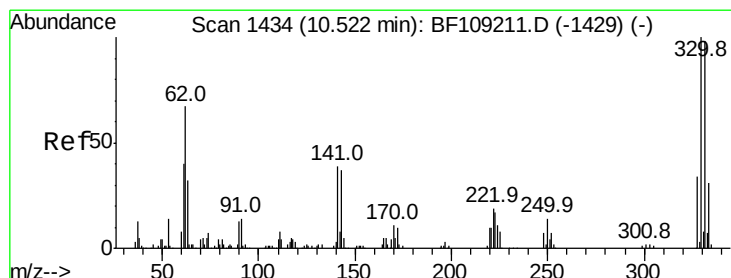
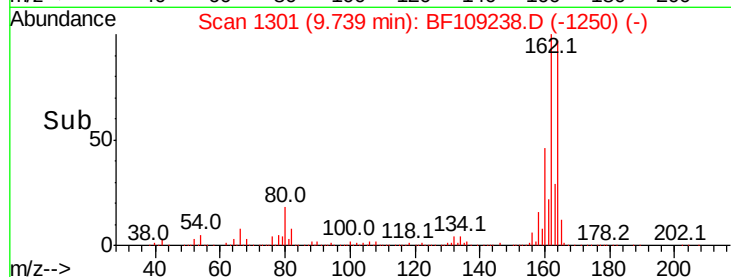
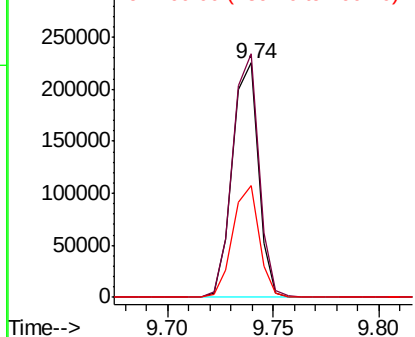
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109238.D
 Acq: 22 Sep 2018 22:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.5	38.3	57.5

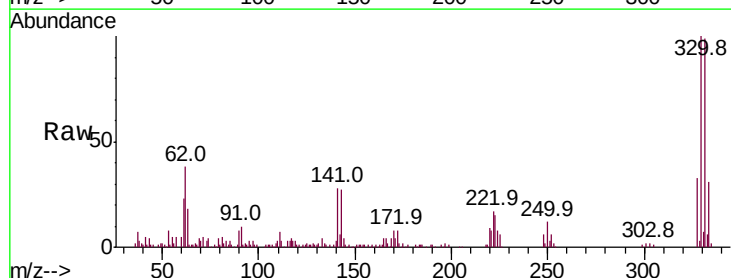


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

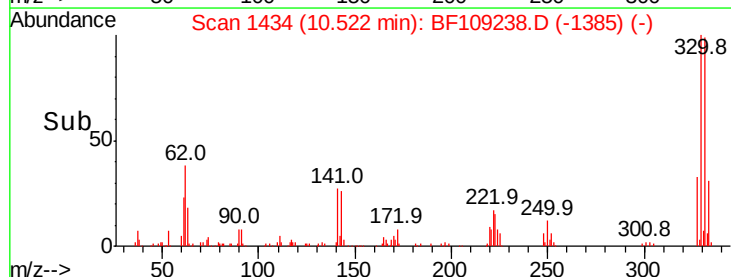
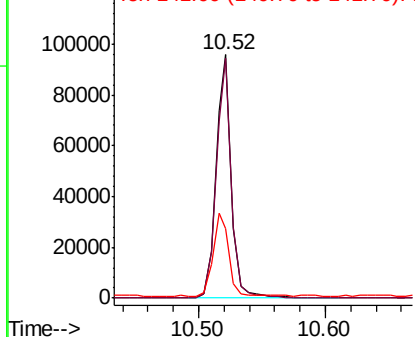


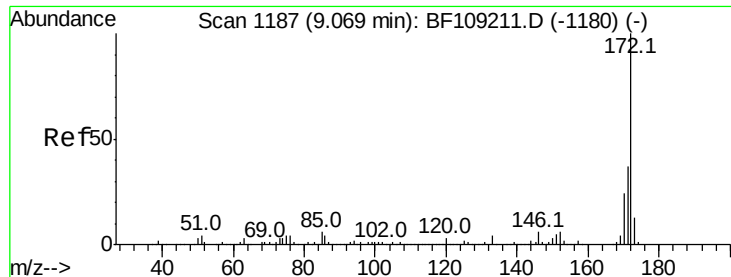
#41
 2,4,6-Tribromophenol
 Concen: 42.866 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109238.D
 Acq: 22 Sep 2018 22:49

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	35.8	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

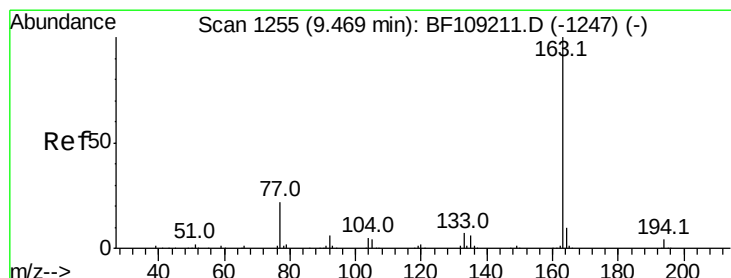
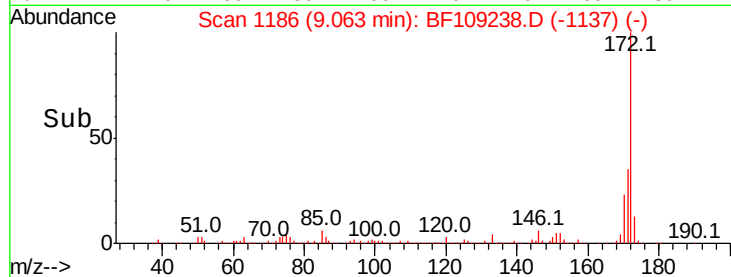
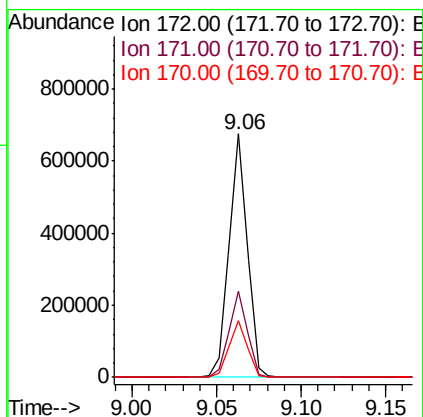
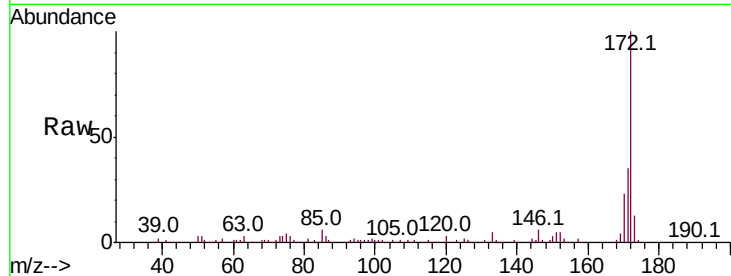




#44
2-Fluorobiphenyl
Concen: 39.749 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109238.D
Acq: 22 Sep 2018 22:49

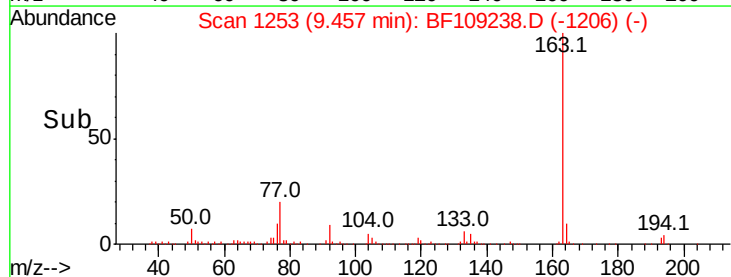
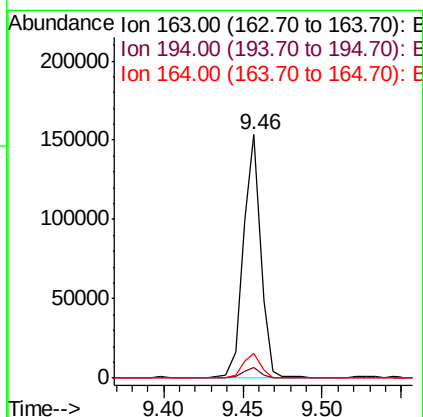
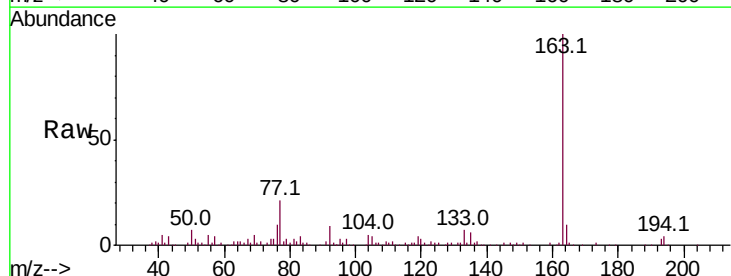
Instrument :
BNA_F
ClientSampleId :

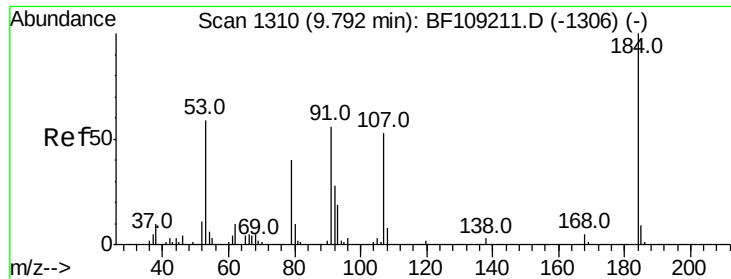
Tot Ion:172 Resp: 506793
Ion Ratio Lower Upper
172 100
171 35.2 29.7 44.5
170 23.5 19.6 29.4



#49
Dimethylphthalate
Concen: 8.182 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109238.D
Acq: 22 Sep 2018 22:49

Tgt Ion:163 Resp: 114440
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2

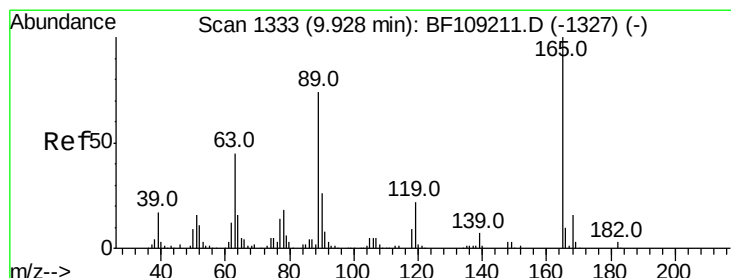
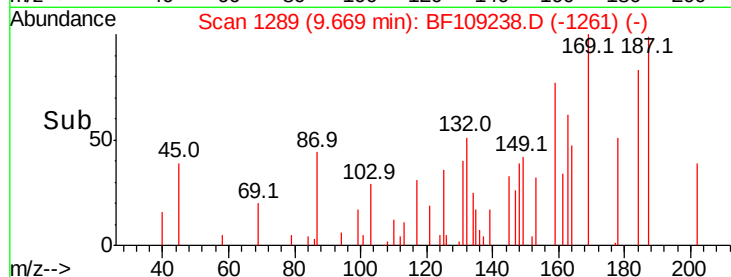
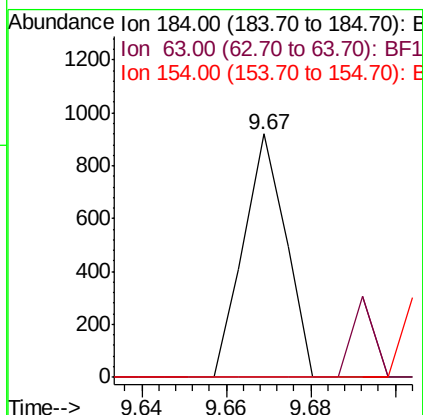
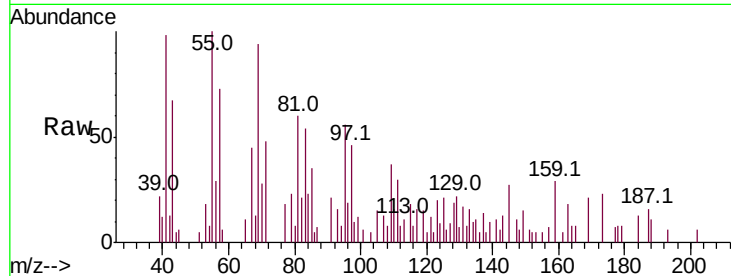




#53
 2,4-Dinitrophenol
 Concen: 9.089 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.13 min
 Lab File: BF109238.D
 Acq: 22 Sep 2018 22:49

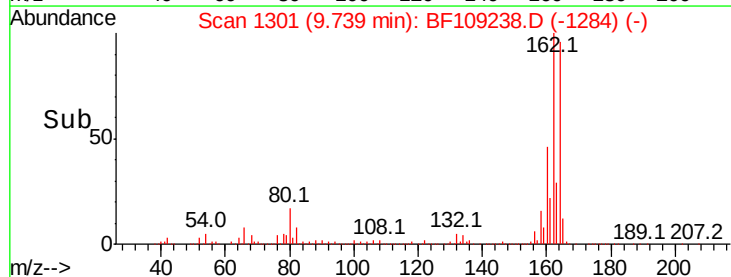
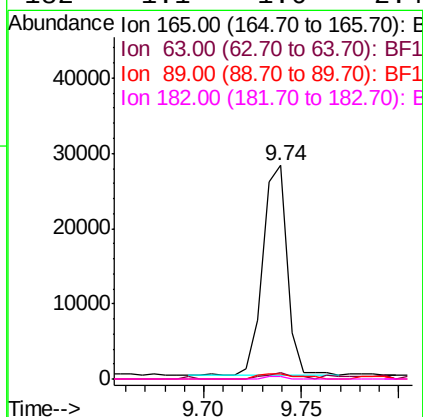
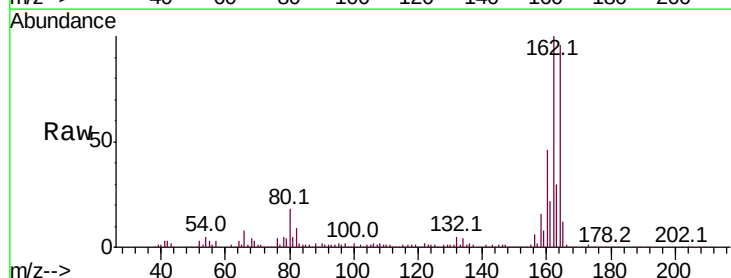
Instrument :
 BNA_F
 ClientSampled :

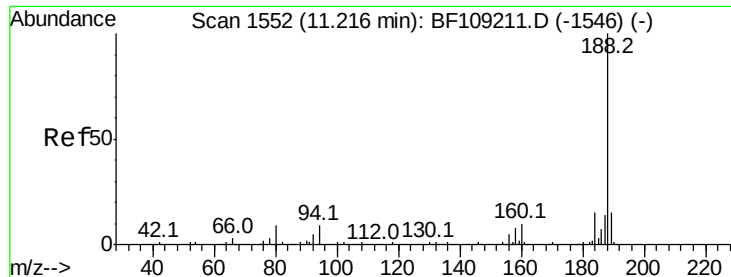
Tot Ion:184 Resp: 645
 Ion Ratio Lower Upper
 184 100
 63 0.0 54.2 81.2#
 154 0.0 184.0 276.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.962 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.20 min
 Lab File: BF109238.D
 Acq: 22 Sep 2018 22:49

Tgt Ion:165 Resp: 24400
 Ion Ratio Lower Upper
 165 100
 63 2.9 36.4 54.6#
 89 2.7 57.8 86.6#
 182 1.1 1.6 2.4#

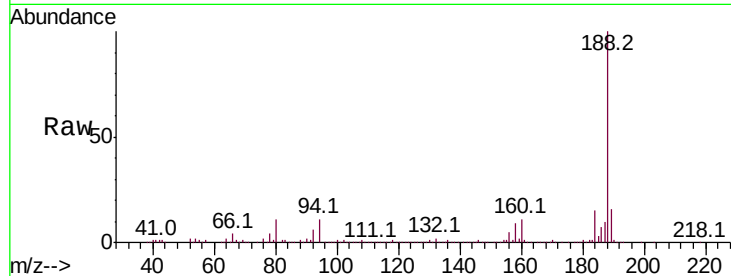




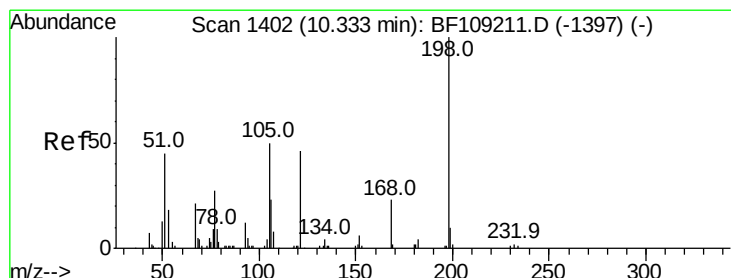
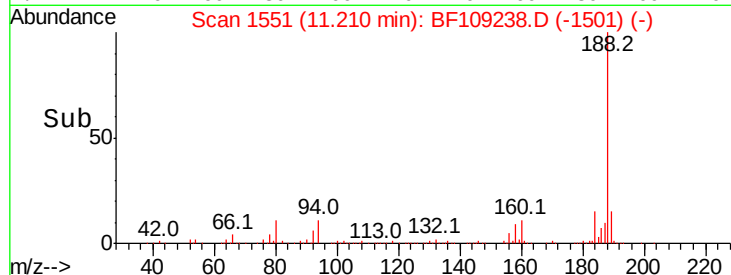
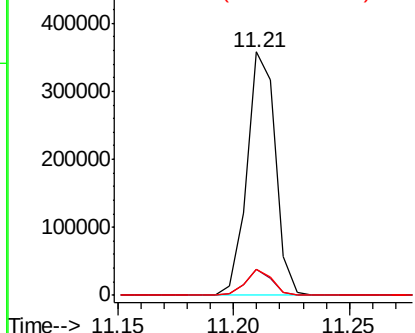
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109238.D
Acq: 22 Sep 2018 22:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 308226
Ion Ratio Lower Upper
188 100
94 10.7 8.5 12.7
80 10.8 9.2 13.8

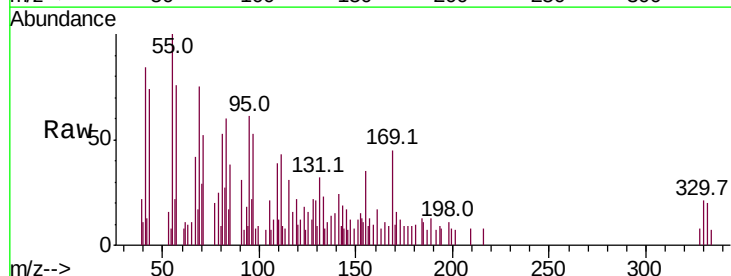


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

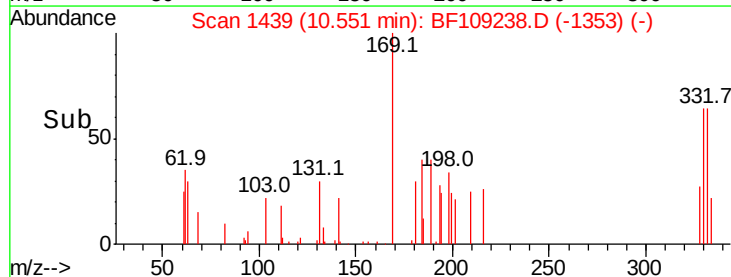
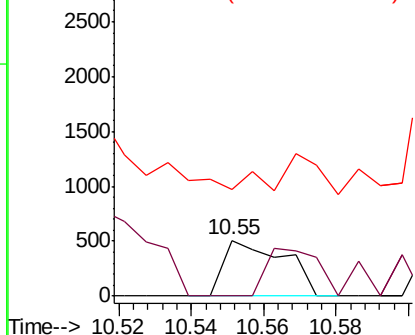


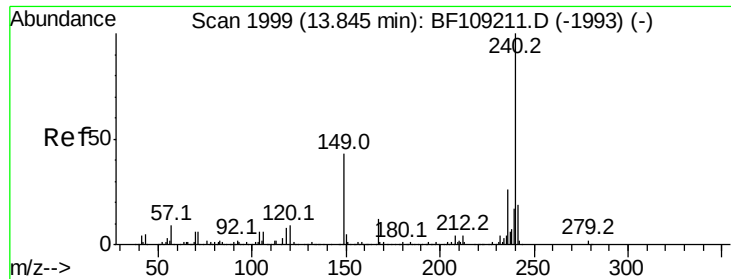
#64
4,6-Dinitro-2-methylphenol
Concen: 6.932 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.21 min
Lab File: BF109238.D
Acq: 22 Sep 2018 22:49

Tgt Ion:198 Resp: 589
Ion Ratio Lower Upper
198 100
51 0.0 37.7 77.7#
105 191.5 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





#75

Chrvsene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109238.D

Acq: 22 Sep 2018 22:49

Instrument :

BNA_F

ClientSampleId :

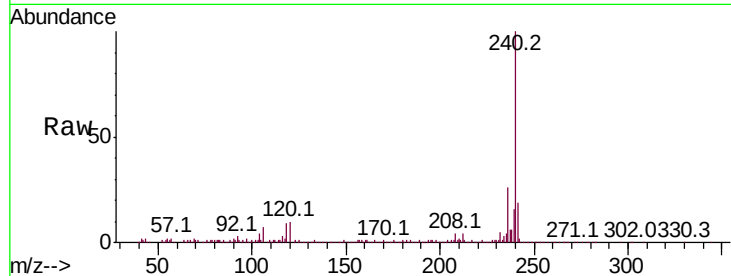
Tot Ion:240 Resp: 230353

Ion Ratio Lower Upper

240 100

120 9.9 9.5 14.3

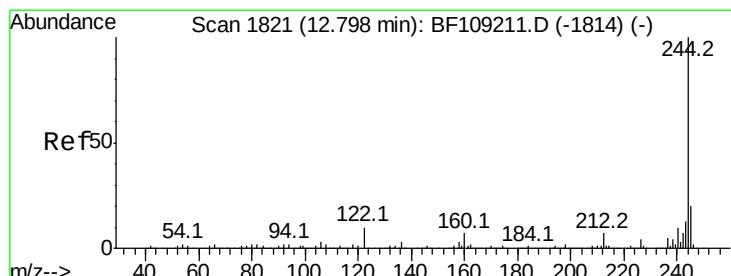
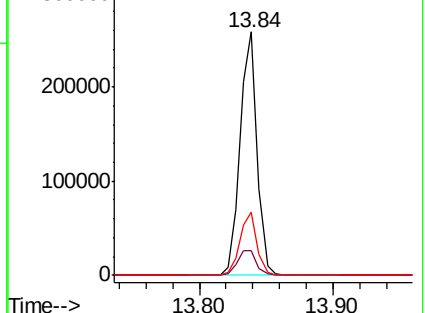
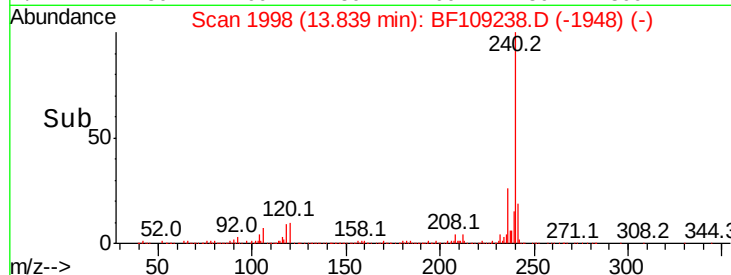
236 26.0 20.7 31.1



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: 37.704 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF109238.D

Acq: 22 Sep 2018 22:49

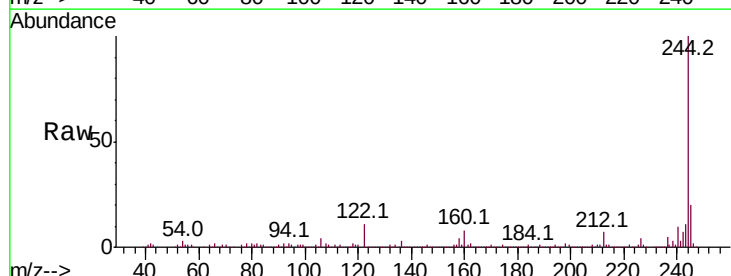
Tgt Ion:244 Resp: 353902

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

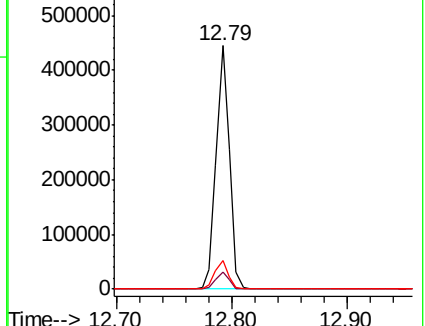
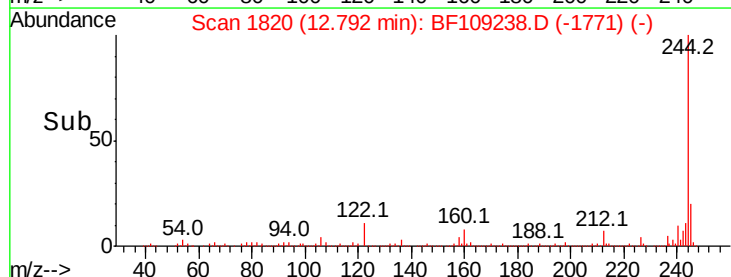
122 11.5 11.0 16.4

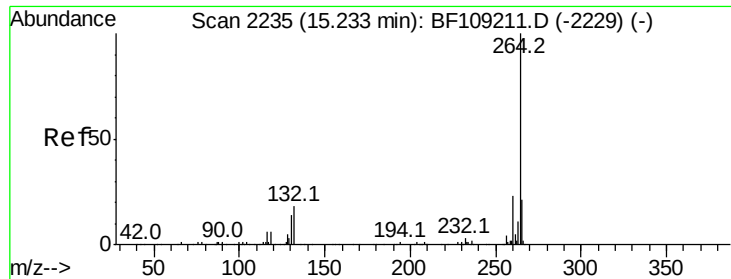


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109238.D
Acq: 22 Sep 2018 22:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.5	26.3

