

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109241.D
 Acq On : 23 Sep 2018 00:10
 Operator : JU/SJ
 Sample : J5021-05
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:51:50 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

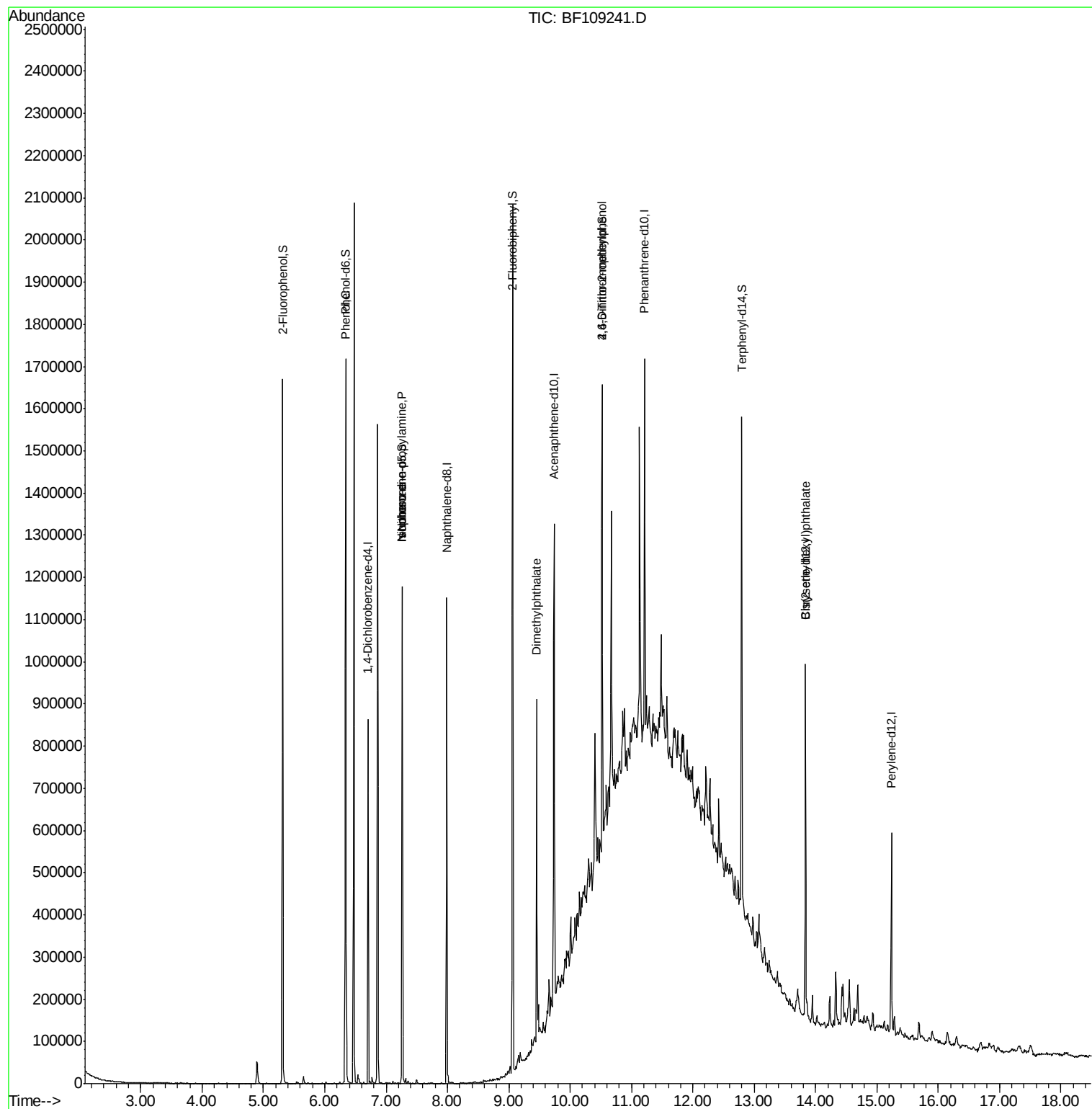
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	120349	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	453841	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	199810	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	306521	20.00	ng	0.00
75) Chrysene-d12	13.84	240	228893	20.00	ng	0.00
86) Perylene-d12	15.24	264	200974	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	478350	65.47	ng	0.00
7) Phenol-d6	6.34	99	619115	66.40	ng	-0.02
23) Nitrobenzene-d5	7.26	82	378691	49.26	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	119931	60.89	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	564678	42.62	ng	-0.01
78) Terphenyl-d14	12.80	244	391245	41.95	ng	0.00
Target Compounds						
10) Phenol	6.35	94	28852	2.732	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	51709	8.464	ng	# 80
25) Isophorone	7.26	82	356965	25.784	ng	# 64
49) Dimethylphthalate	9.46	163	254053	17.481	ng	99
64) 4,6-Dinitro-2-methylphenol	10.52	198	126	6.608	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	42131	4.787	ng	98

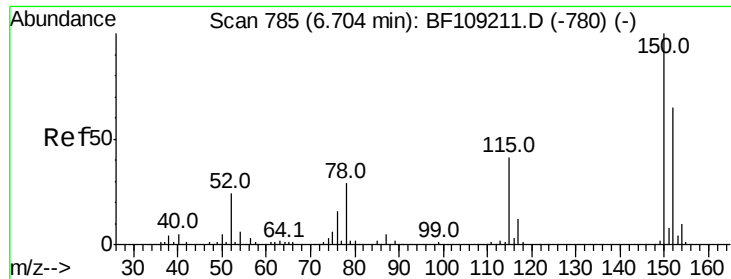
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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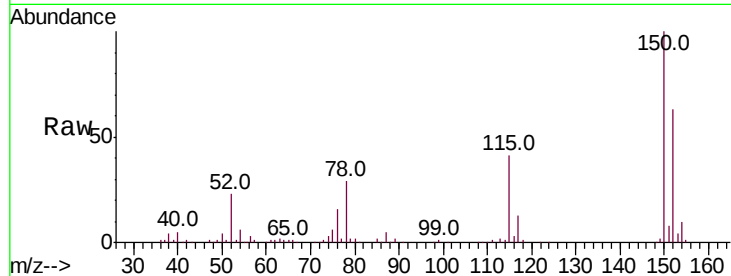


#1

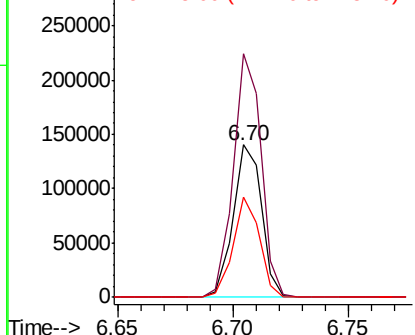
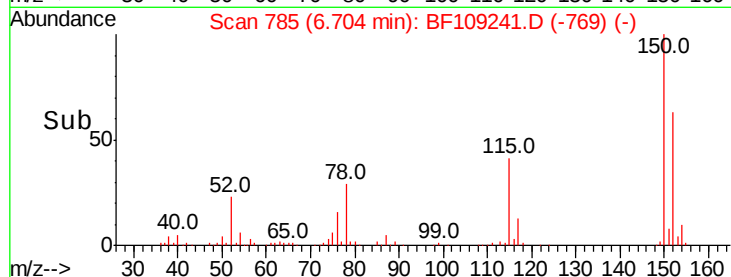
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 120349
Ion Ratio Lower Upper
152 100
150 159.8 124.6 186.8
115 65.8 50.1 75.1



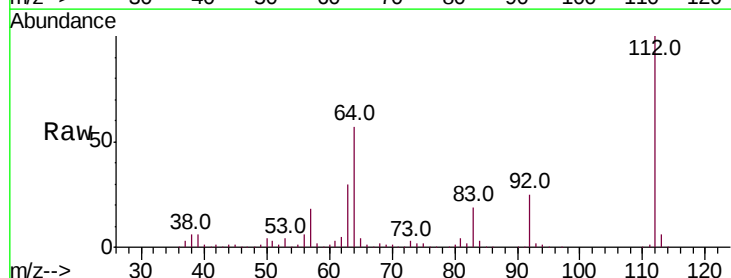
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



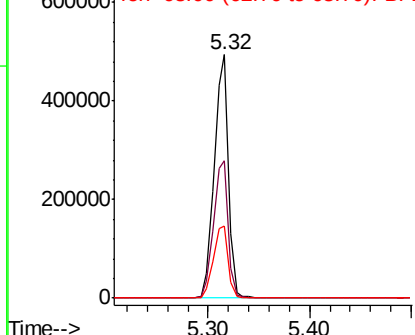
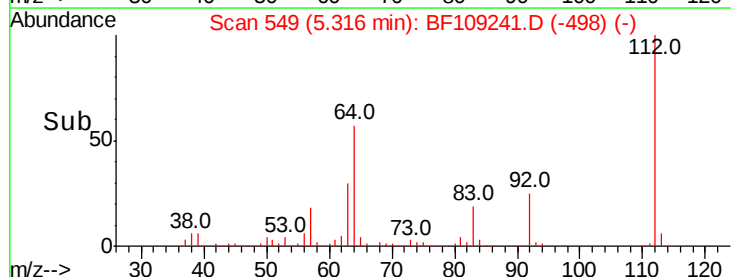
#5

2-Fluorophenol
Concen: 65.466 ng
RT: 5.32 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Tgt Ion:112 Resp: 478350
Ion Ratio Lower Upper
112 100
64 56.5 47.9 71.9
63 29.8 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: 66.402 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

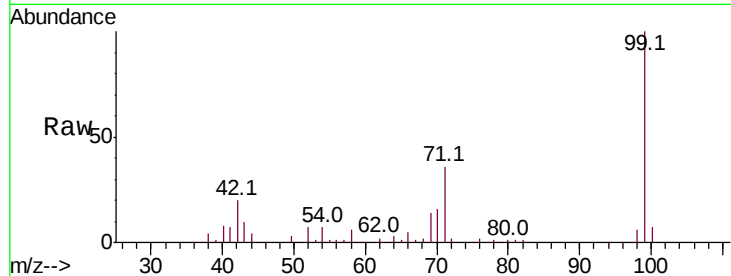
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 619115

Ion	Ratio	Lower	Upper
99	100		
42	20.4	14.5	21.7
71	36.1	25.4	38.0

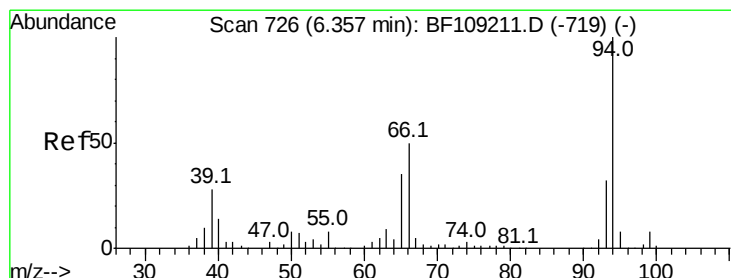
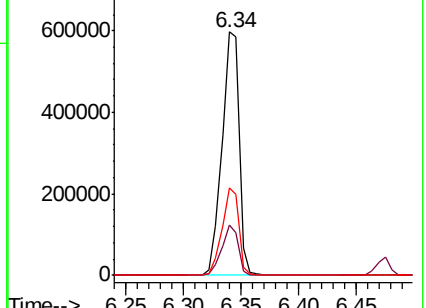
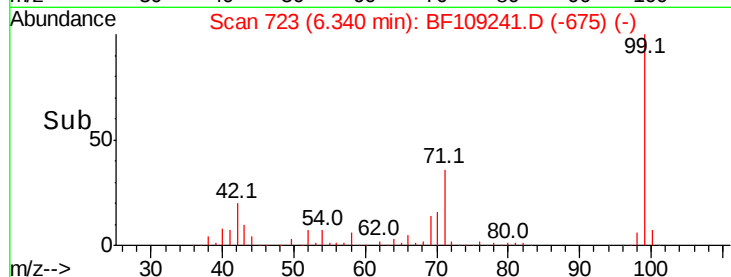


Abundance

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: 2.732 ng

RT: 6.35 min Scan# 725

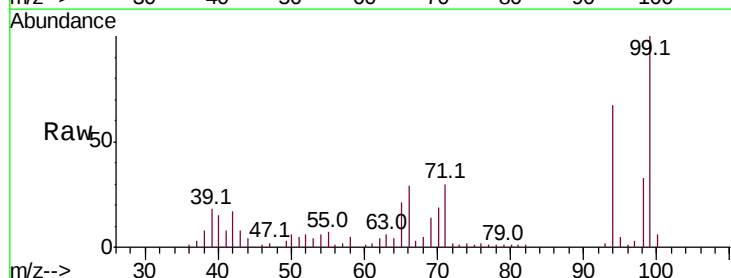
Delta R.T. -0.02 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

Tgt Ion: 94 Resp: 28852

Ion	Ratio	Lower	Upper
94	100		
65	31.3	7.9	47.9
66	43.0	16.2	56.2

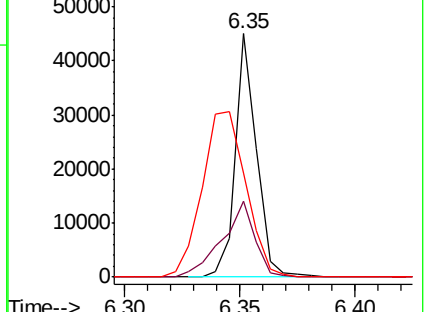
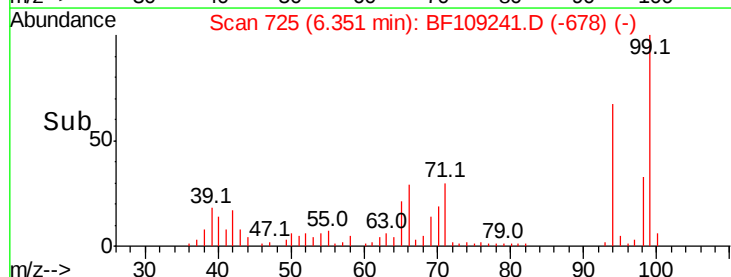


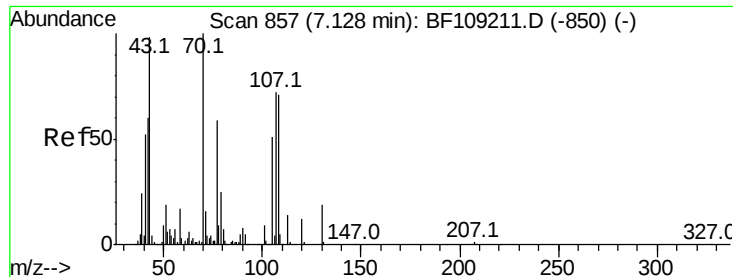
Abundance

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

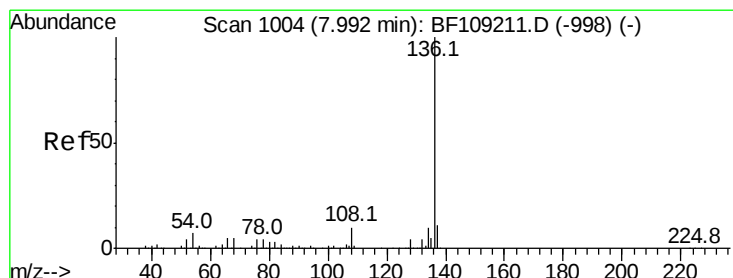
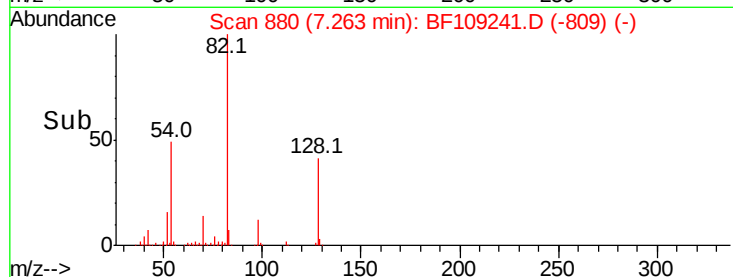
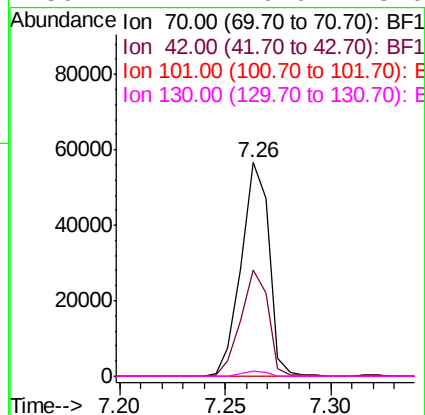
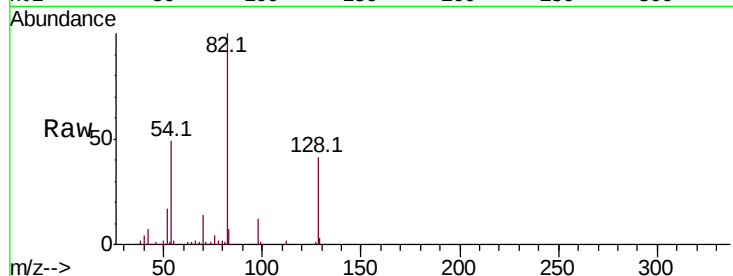




#19
 n-Nitroso-di-n-propylamine
 Concen: 8.464 ng
 RT: 7.26 min Scan# 880
 Delta R.T. 0.12 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

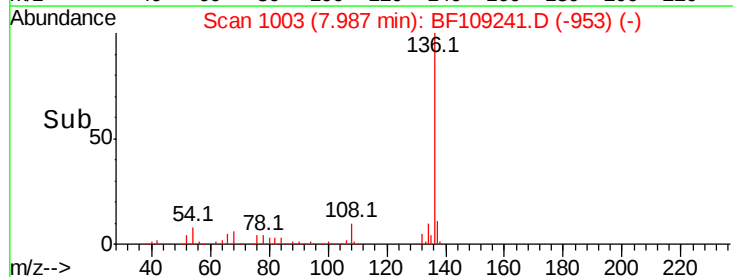
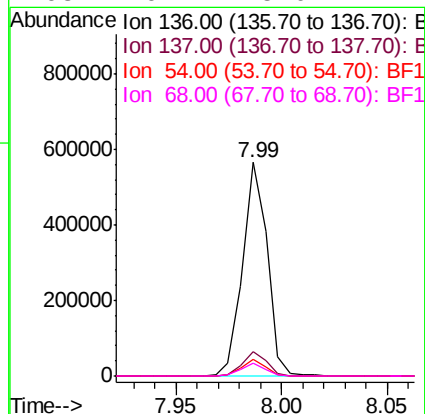
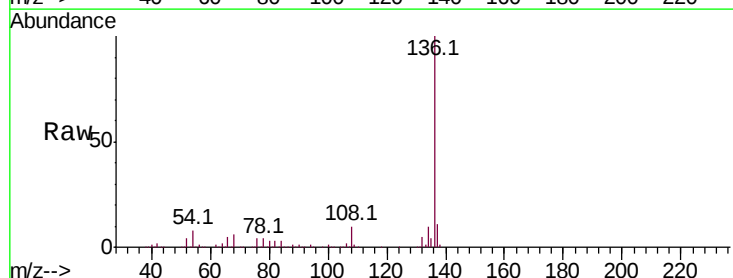
Instrument :
 BNA_F
 ClientSampleId :

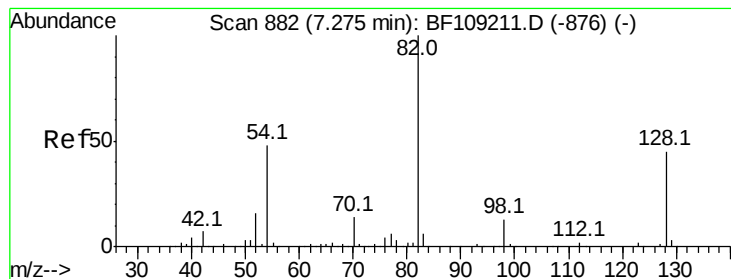
Tot Ion:	70	Resp:	51709
Ion	Ratio	Lower	Upper
70	100		
42	49.8	47.5	71.3
101	0.0	7.4	11.2#
130	2.2	16.6	25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

Tgt Ion:	136	Resp:	453841
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	7.7	6.6	9.8
68	6.2	5.0	7.4





#23

Nitrobenzene-d5

Concen: 49.257 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampled :

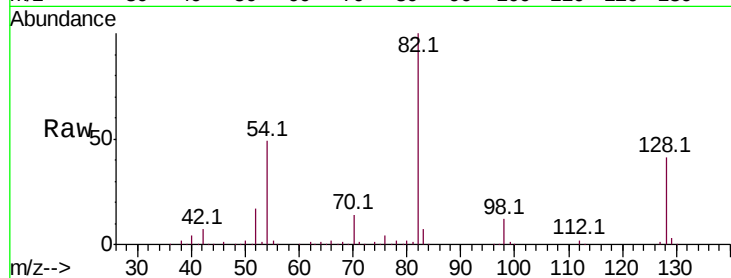
Tot Ion: 82 Resp: 378691

Ion Ratio Lower Upper

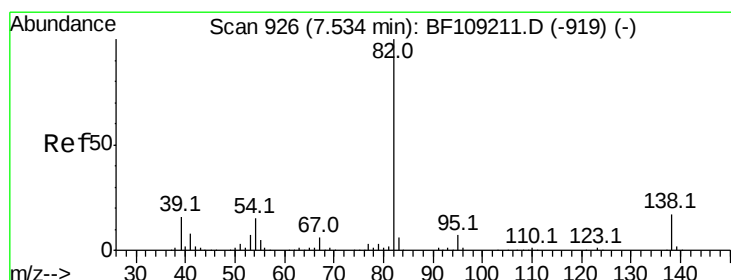
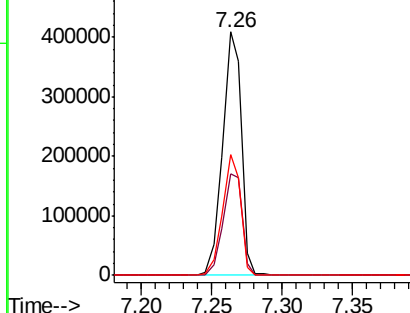
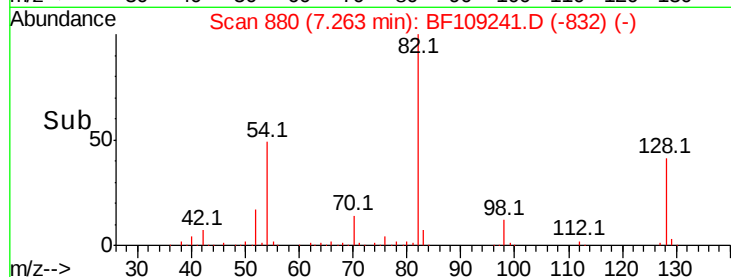
82 100

128 41.5 36.1 54.1

54 49.5 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: 25.784 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

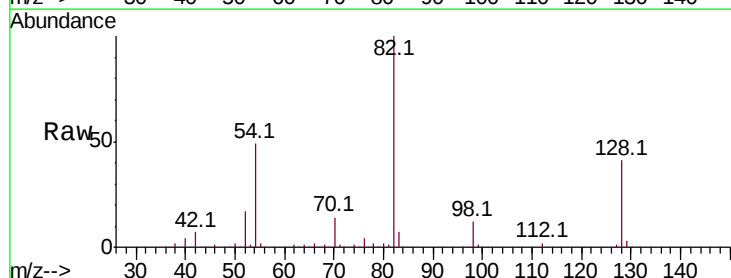
Tgt Ion: 82 Resp: 356965

Ion Ratio Lower Upper

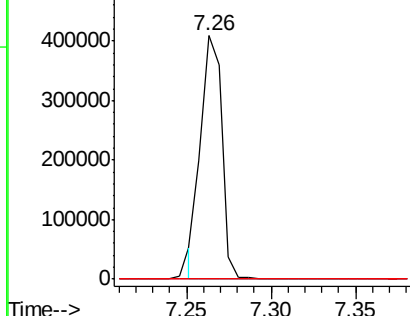
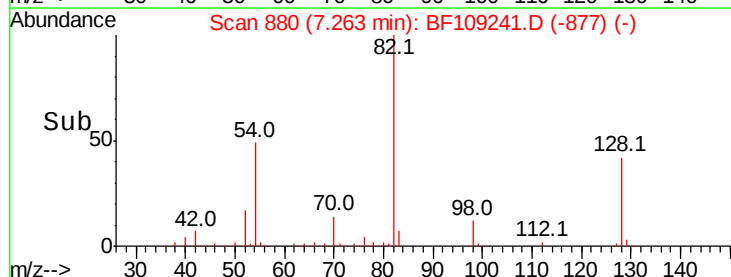
82 100

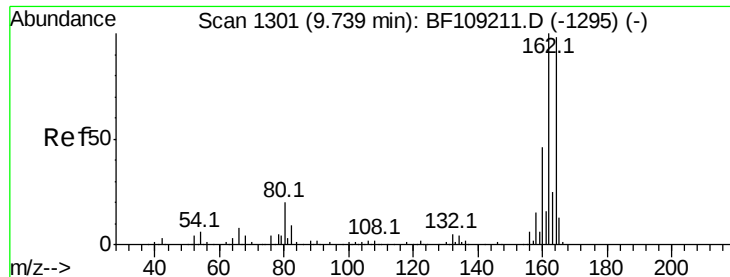
95 0.0 5.2 7.8#

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

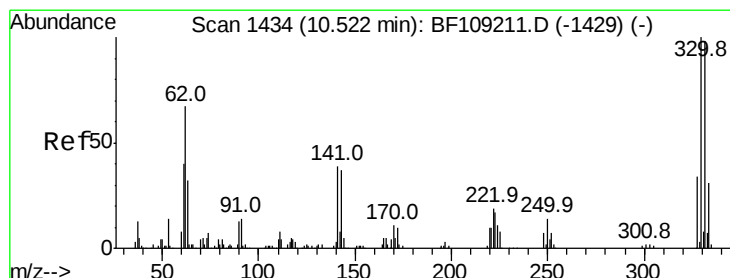
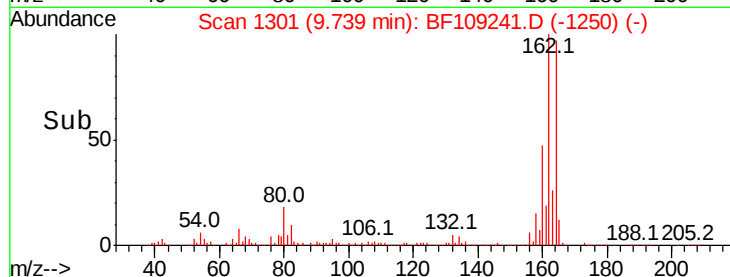
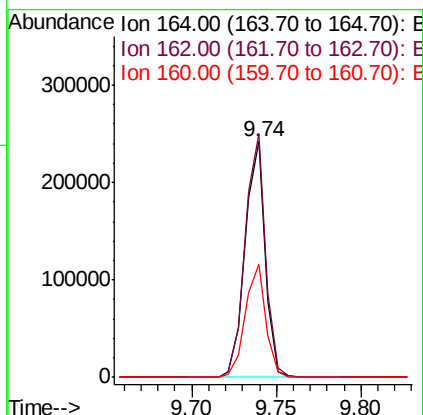
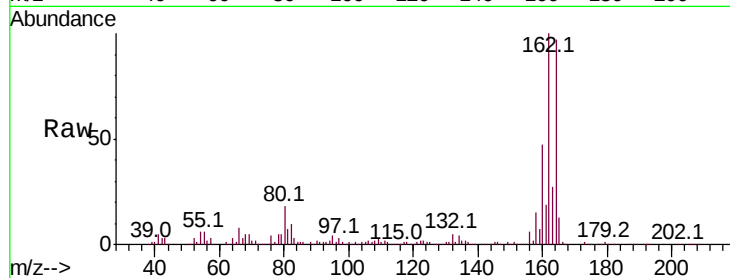




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

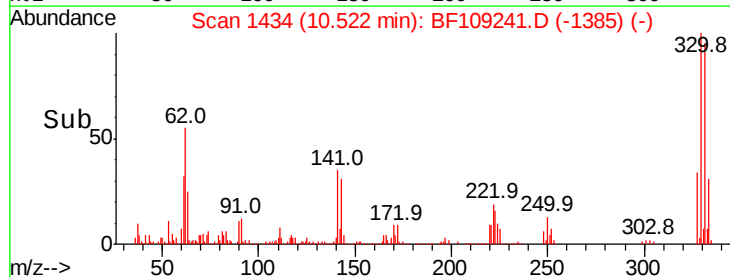
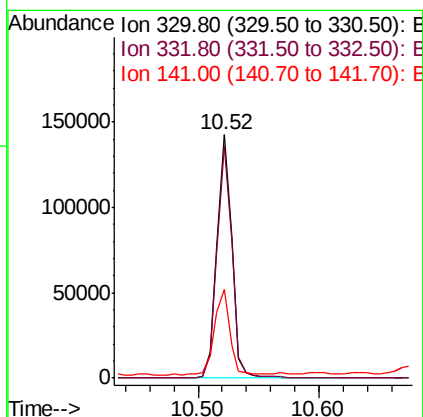
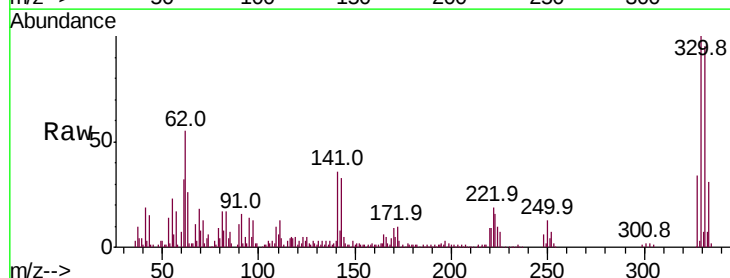
Instrument :
 BNA_F
 ClientSampleId :

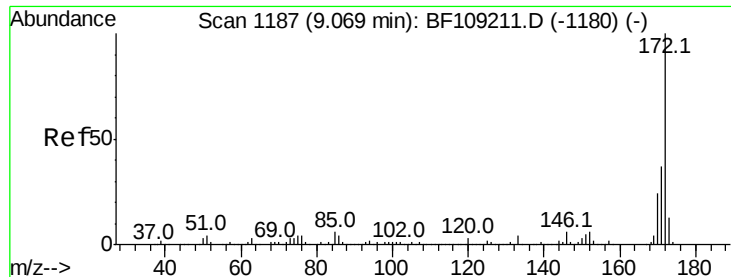
Tot Ion:164 Resp: 199810
 Ion Ratio Lower Upper
 164 100
 162 103.3 86.1 129.1
 160 48.2 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 60.888 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

Tgt Ion:330 Resp: 119931
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 35.3 29.9 44.9

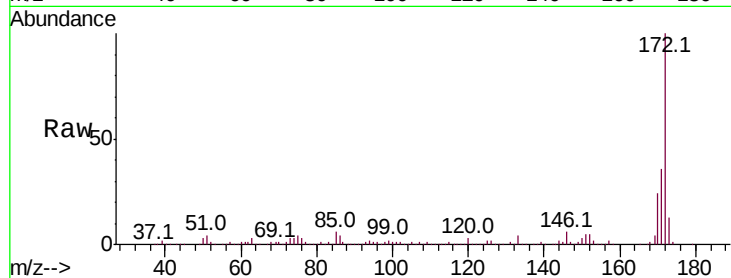




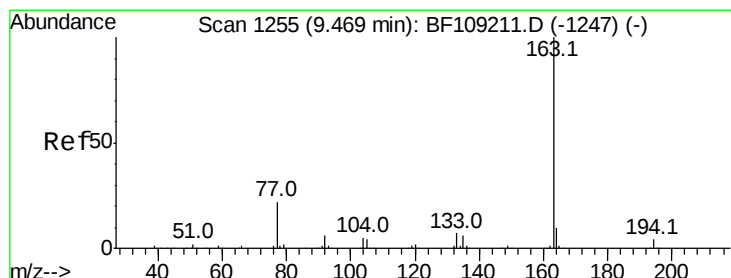
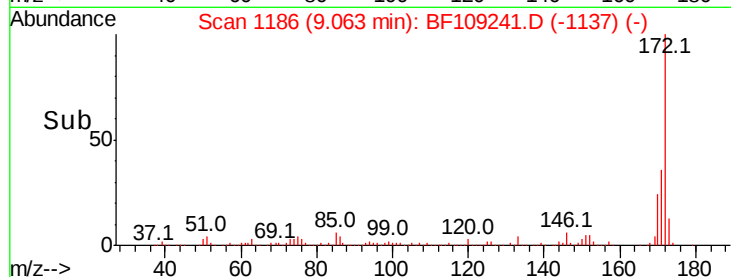
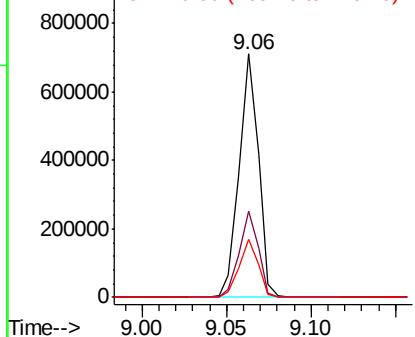
#44
2-Fluorobiphenyl
Concen: 42.623 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 564678
Ion Ratio Lower Upper
172 100
171 35.6 29.7 44.5
170 23.8 19.6 29.4

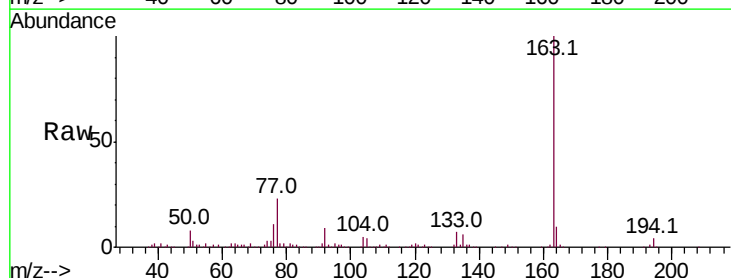


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

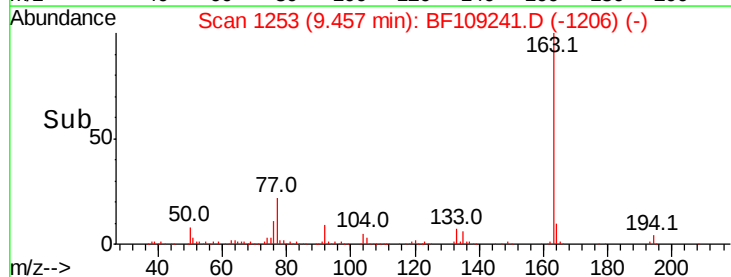
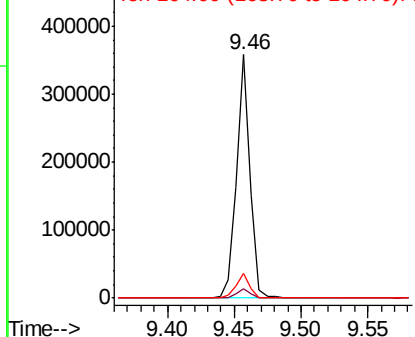


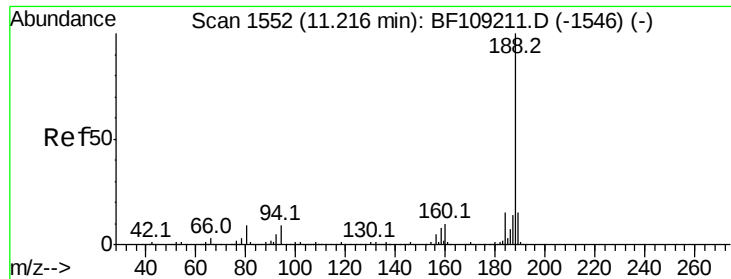
#49
Dimethylphthalate
Concen: 17.481 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Tgt Ion:163 Resp: 254053
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.9 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

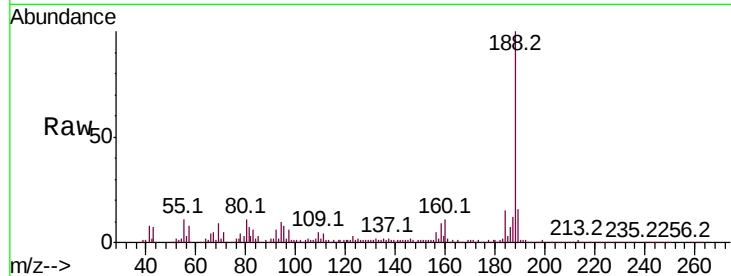




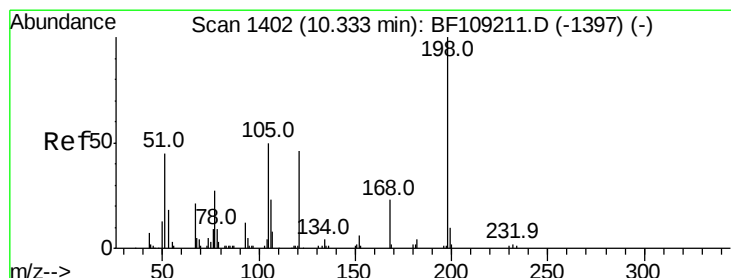
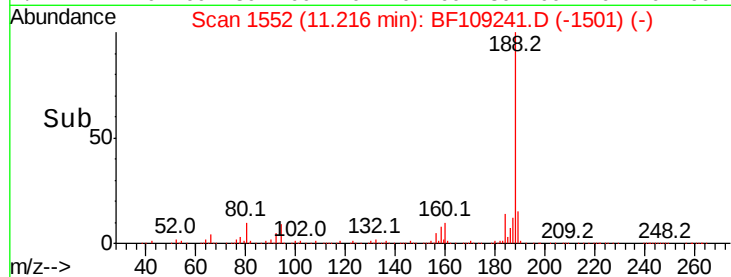
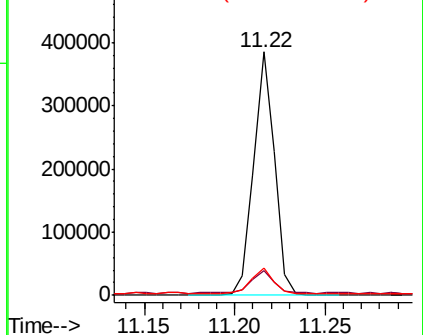
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 306521
Ion Ratio Lower Upper
188 100
94 10.4 8.5 12.7
80 11.3 9.2 13.8

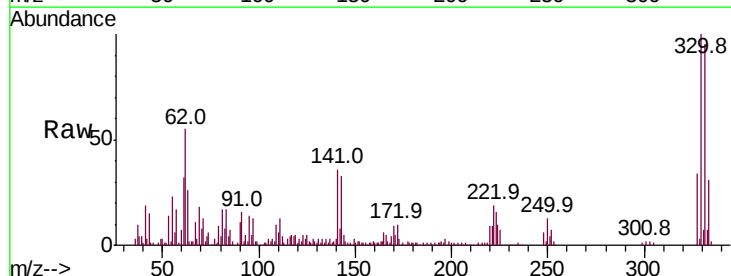


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

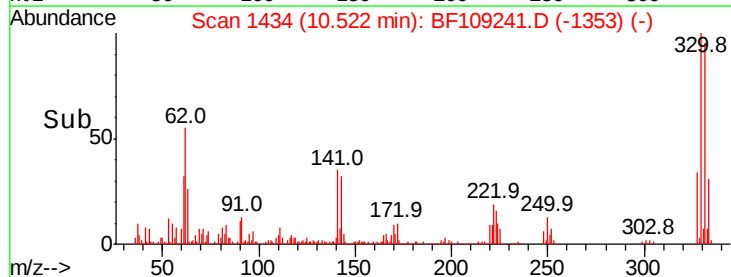
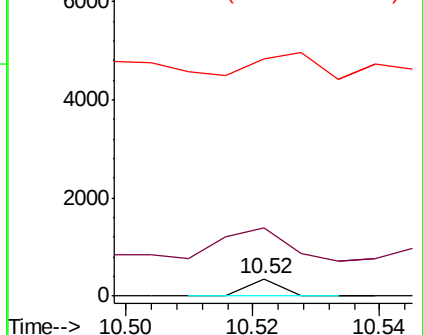


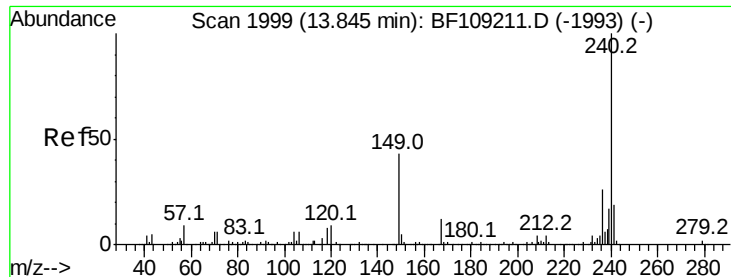
#64
4,6-Dinitro-2-methylphenol
Concen: 6.608 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.18 min
Lab File: BF109241.D
Acq: 23 Sep 2018 00:10

Tgt Ion:198 Resp: 126
Ion Ratio Lower Upper
198 100
51 388.0 37.7 77.7#
105 1347.8 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

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

Instrument :

BNA_F

ClientSampleId :

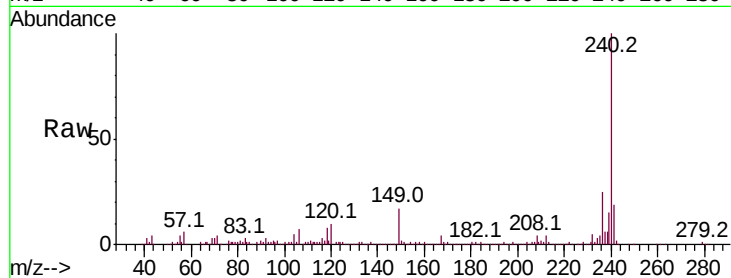
Tot Ion:240 Resp: 228893

Ion Ratio Lower Upper

240 100

120 10.1 9.5 14.3

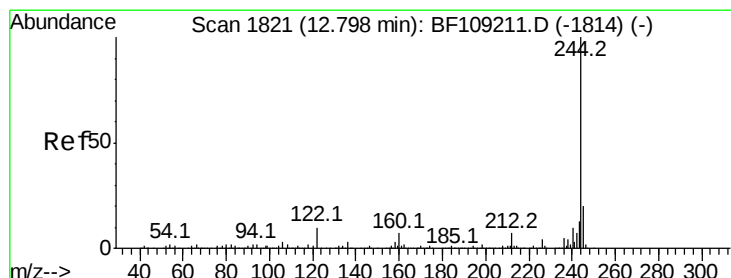
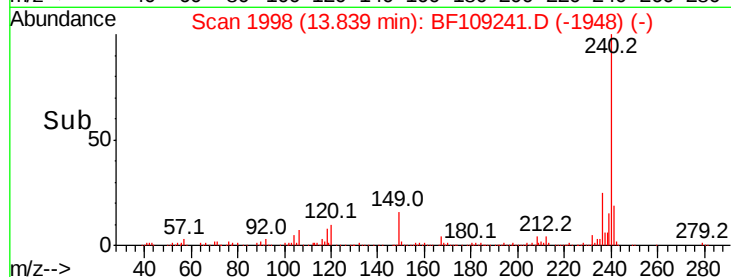
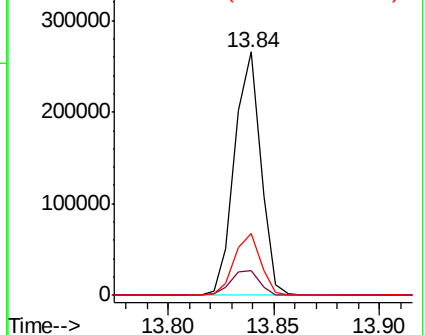
236 25.3 20.7 31.1



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: 41.949 ng

RT: 12.80 min Scan# 1821

Delta R.T. -0.01 min

Lab File: BF109241.D

Acq: 23 Sep 2018 00:10

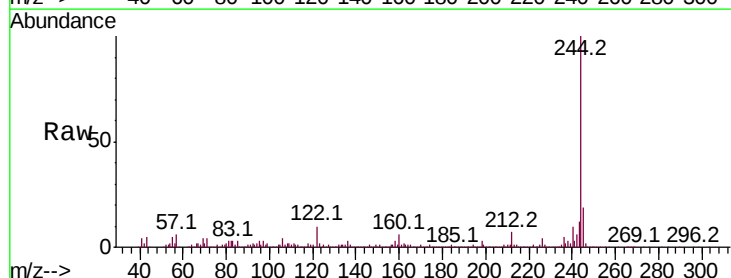
Tgt Ion:244 Resp: 391245

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

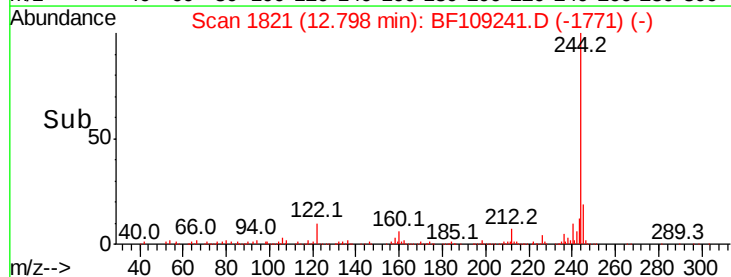
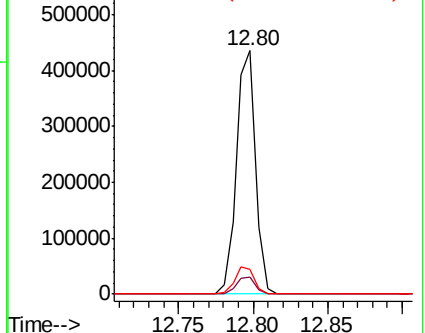
122 10.2 11.0 16.4#

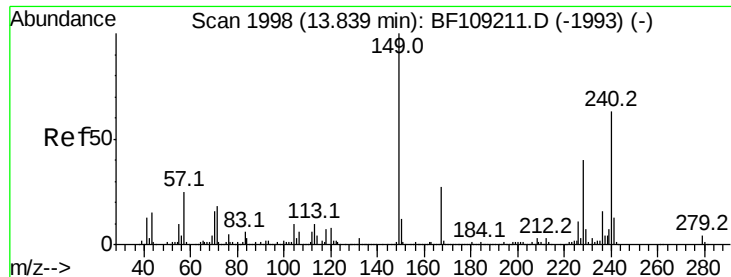


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

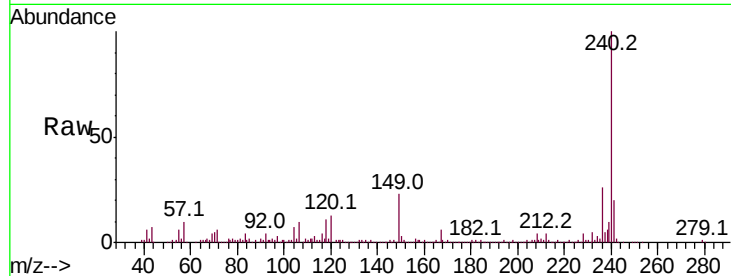




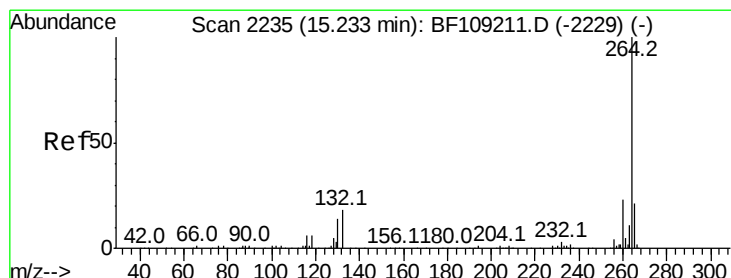
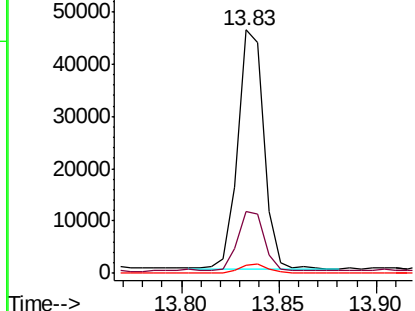
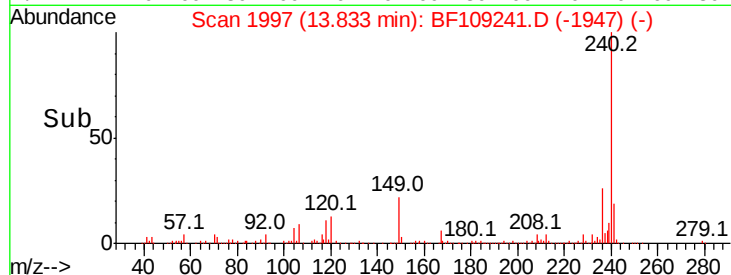
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.787 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 42131
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.3 31.9
 279 3.2 3.0 4.4

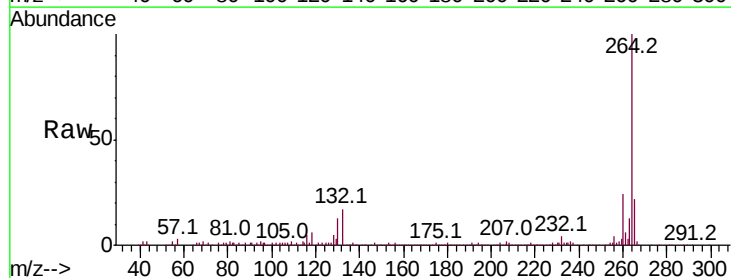


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. 0.00 min
 Lab File: BF109241.D
 Acq: 23 Sep 2018 00:10

Tgt Ion:264 Resp: 200974
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.1 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

