

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092218\
 Data File : BF109246.D
 Acq On : 23 Sep 2018 3:19
 Operator : JU/SJ
 Sample : J4988-03
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 24 06:53:17 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

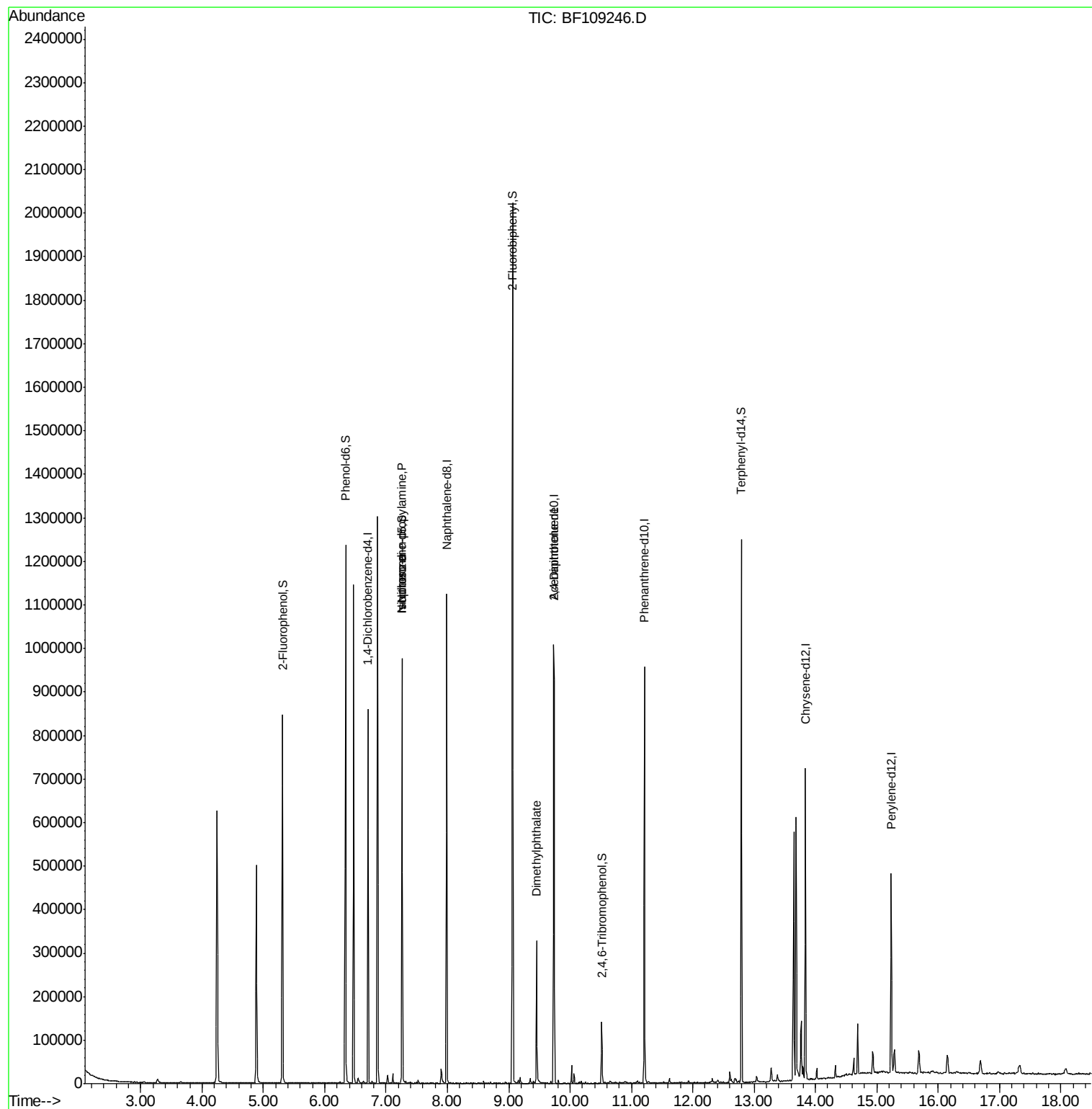
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	115631	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	446245	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	194113	20.00	ng	0.00
63) Phenanthrene-d10	11.21	188	314214	20.00	ng	0.00
75) Chrysene-d12	13.83	240	244928	20.00	ng	-0.01
86) Perylene-d12	15.23	264	207410	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	219351	31.24	ng	0.00
7) Phenol-d6	6.34	99	410673	45.84	ng	-0.02
23) Nitrobenzene-d5	7.26	82	279520	36.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	15391	8.04	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	535824	41.63	ng	-0.01
78) Terphenyl-d14	12.79	244	389385	39.02	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	37366	6.366	ng	# 79
25) Isophorone	7.26	82	259431	19.058	ng	# 64
49) Dimethylphthalate	9.46	163	125713	8.904	ng	# 97
56) 2,4-Dinitrotoluene	9.73	165	25030	7.075	ng	# 23

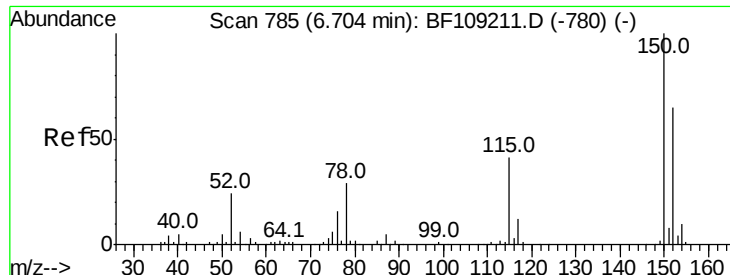
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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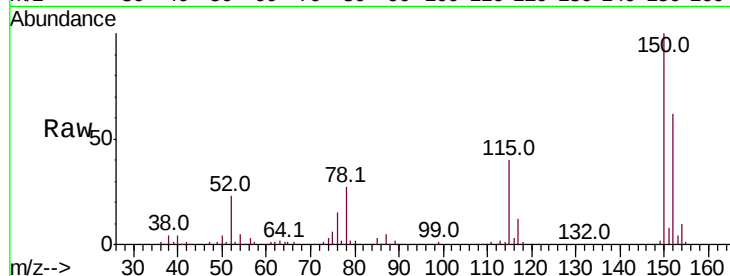


#1

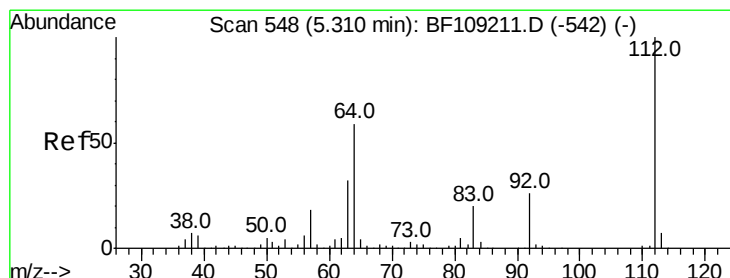
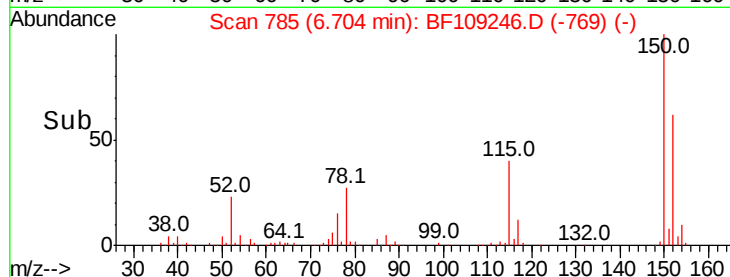
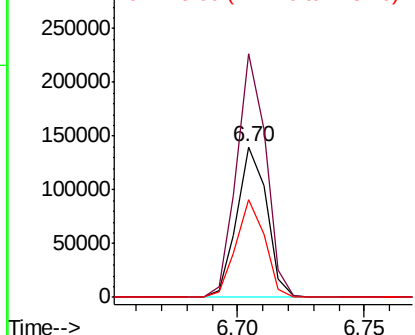
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109246.D
Acq: 23 Sep 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 115631
Ion Ratio Lower Upper
152 100
150 161.8 124.6 186.8
115 65.0 50.1 75.1



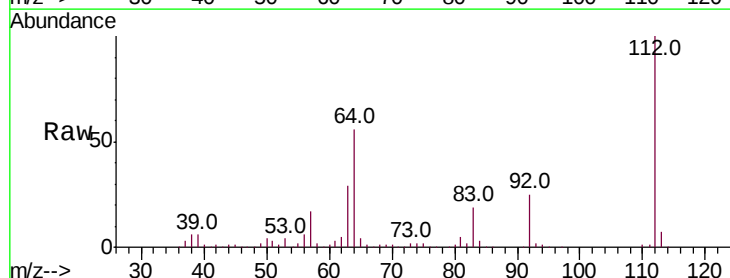
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



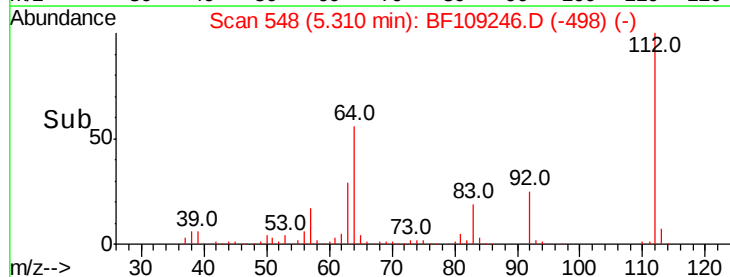
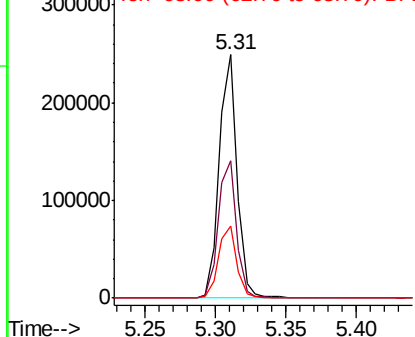
#5

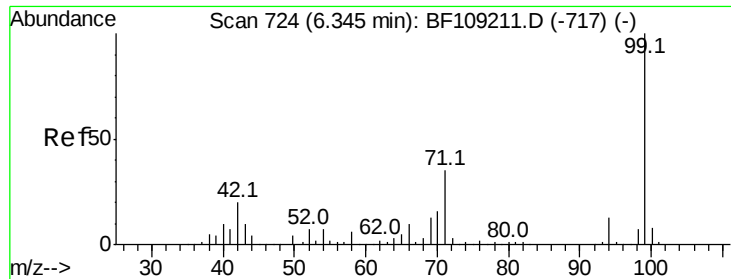
2-Fluorophenol
Concen: 31.245 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.01 min
Lab File: BF109246.D
Acq: 23 Sep 2018 3:19

Tgt Ion:112 Resp: 219351
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 29.5 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: 45.843 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Instrument :

BNA_F

ClientSampled :

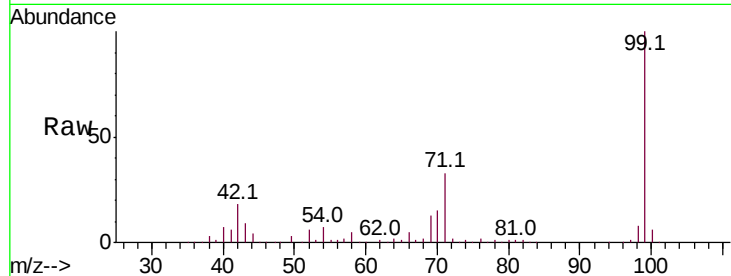
Tot Ion: 99 Resp: 410673

Ion Ratio Lower Upper

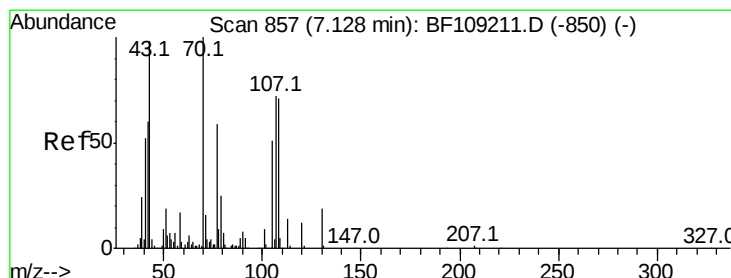
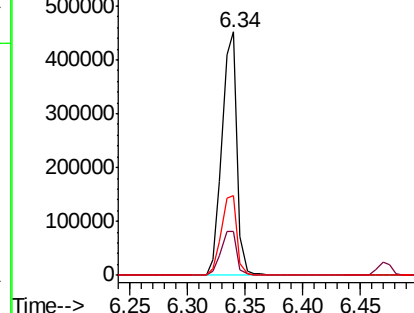
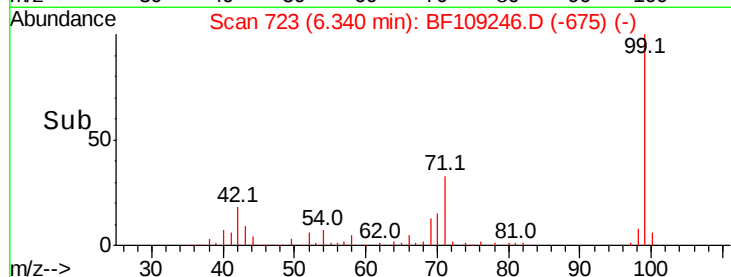
99 100

42 18.0 14.5 21.7

71 32.9 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



#19

n-Nitroso-di-n-propylamine

Concen: 6.366 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Tgt Ion: 70 Resp: 37366

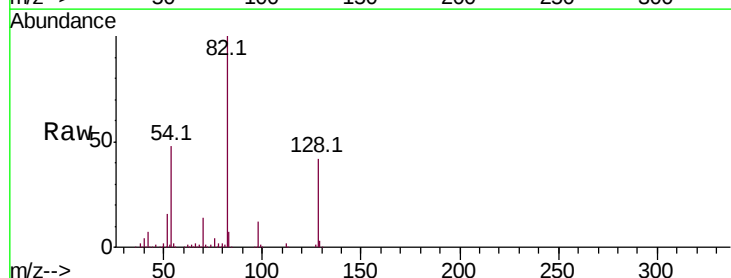
Ion Ratio Lower Upper

70 100

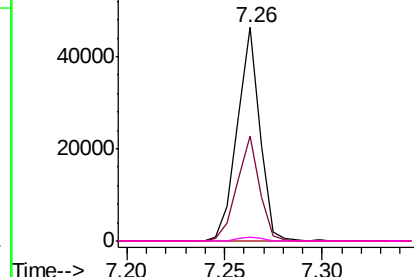
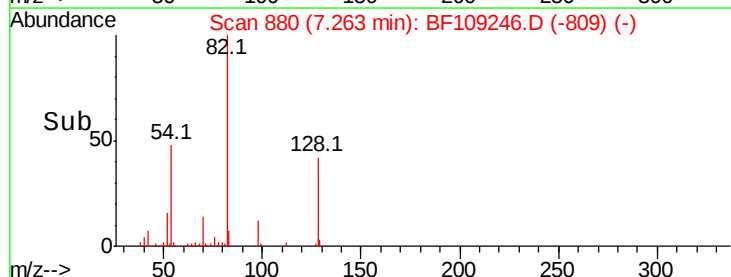
42 48.9 47.5 71.3

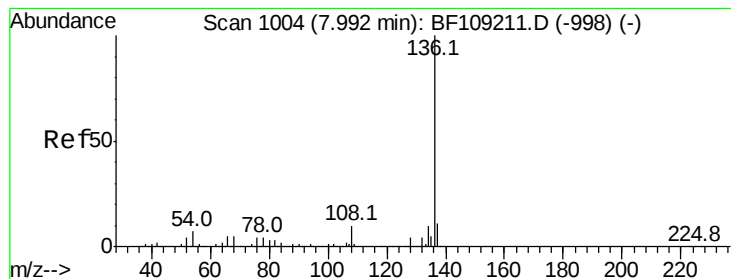
101 0.0 7.4 11.2#

130 1.9 16.6 25.0#



Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446245

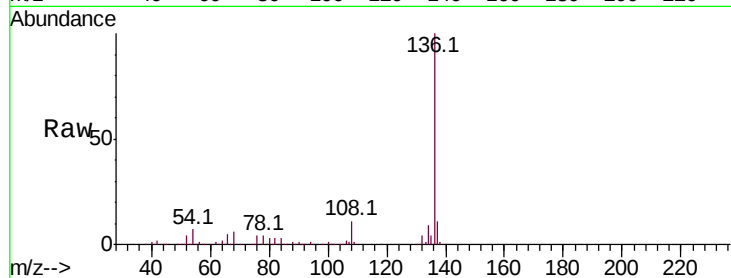
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.4 6.6 9.8

68 5.8 5.0 7.4

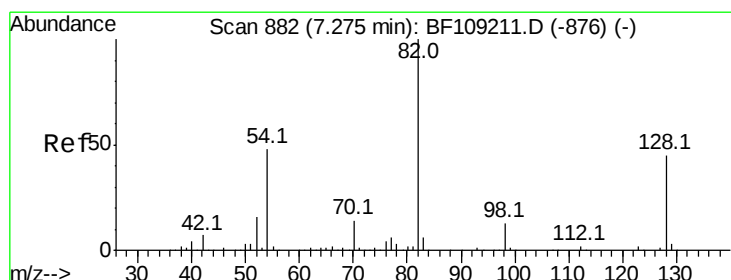
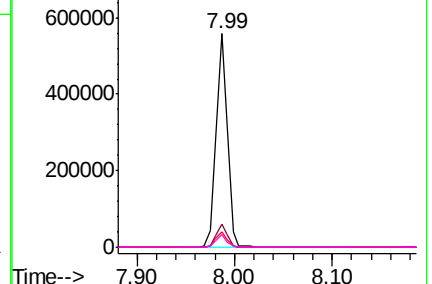
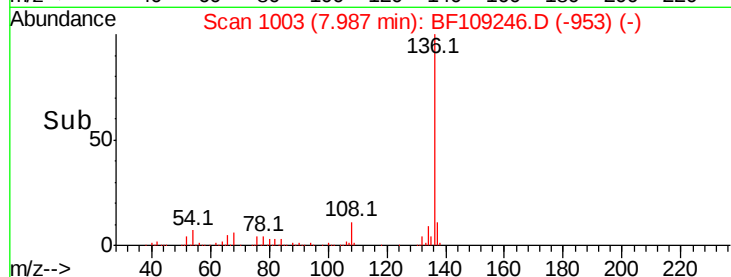


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.976 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

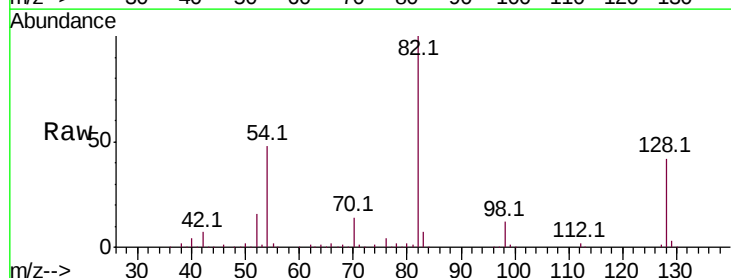
Tgt Ion: 82 Resp: 279520

Ion Ratio Lower Upper

82 100

128 42.3 36.1 54.1

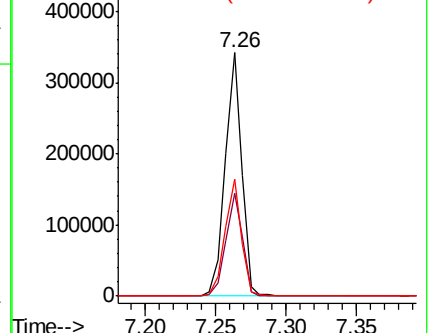
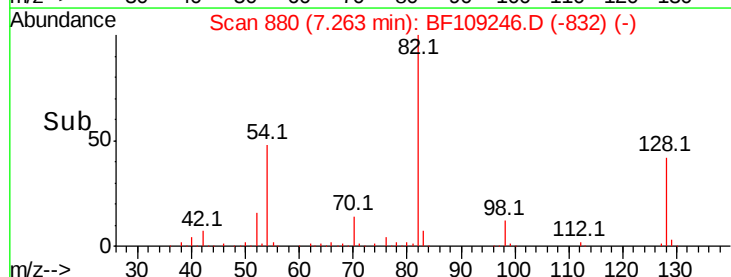
54 48.3 41.4 62.2

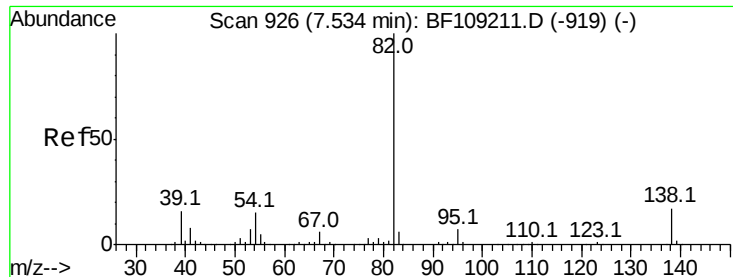


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 19.058 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.28 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

Instrument :

BNA_F

ClientSampled :

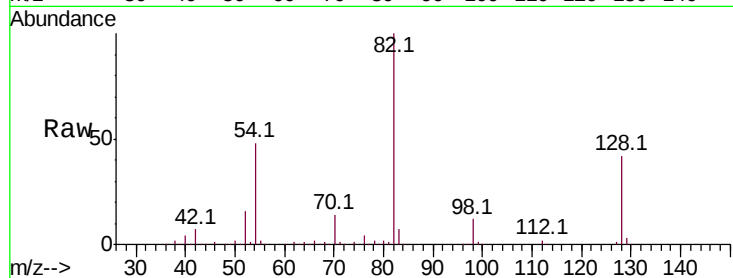
Tot Ion: 82 Resp: 259431

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

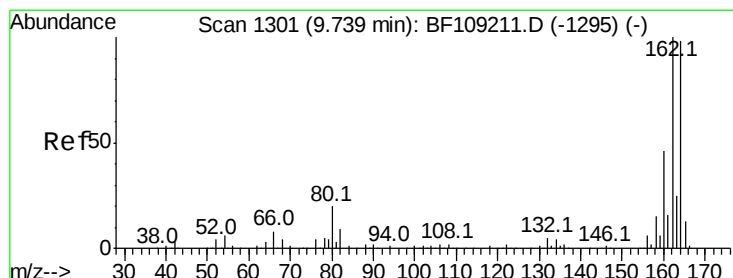
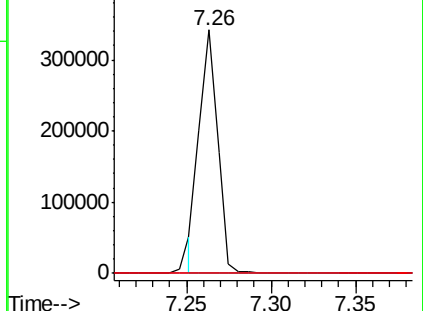
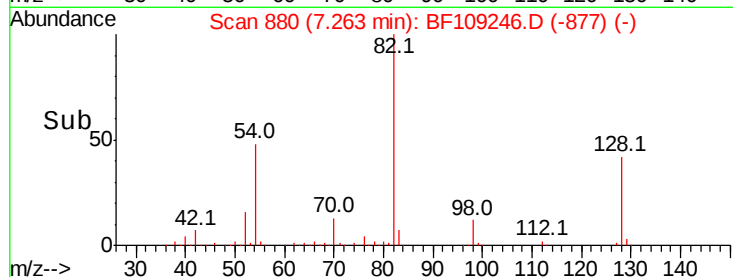
138 0.0 14.9 22.3#



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): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF109246.D

Acq: 23 Sep 2018 3:19

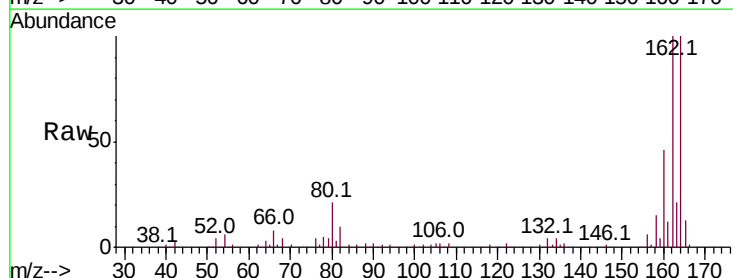
Tgt Ion: 164 Resp: 194113

Ion Ratio Lower Upper

164 100

162 99.6 86.1 129.1

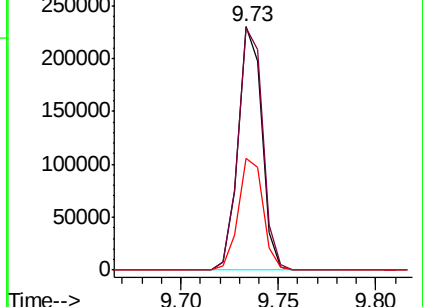
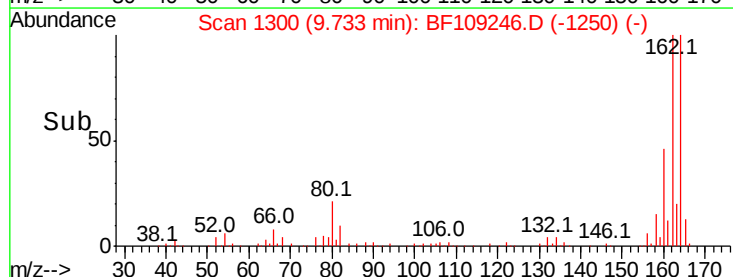
160 45.8 38.3 57.5

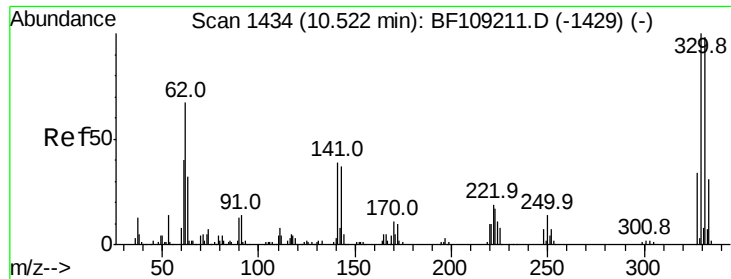


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

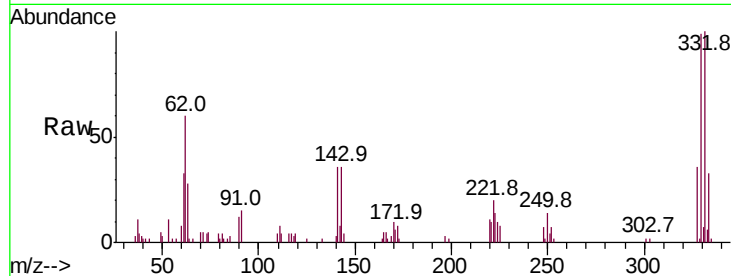




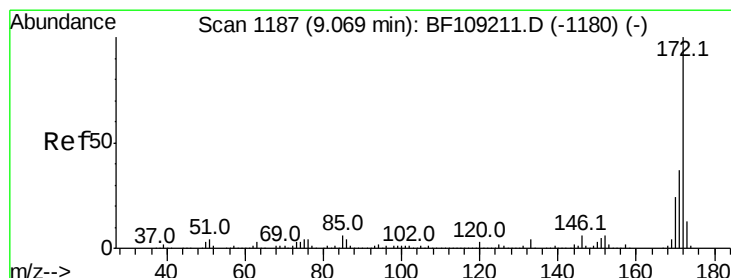
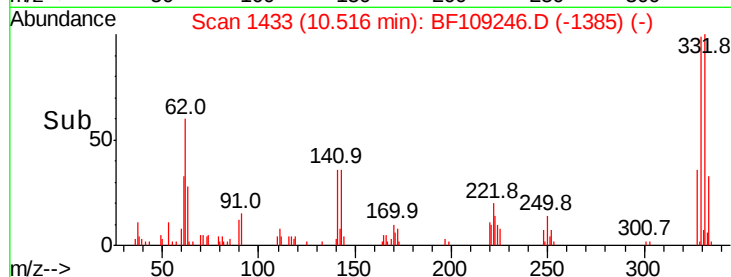
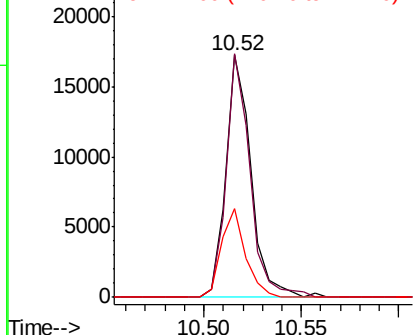
#41
 2,4,6-Tribromophenol
 Concen: 8.043 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.02 min
 Lab File: BF109246.D
 Acq: 23 Sep 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	35.0	29.9	44.9

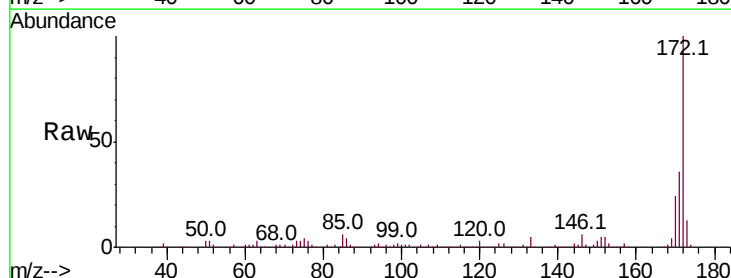


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

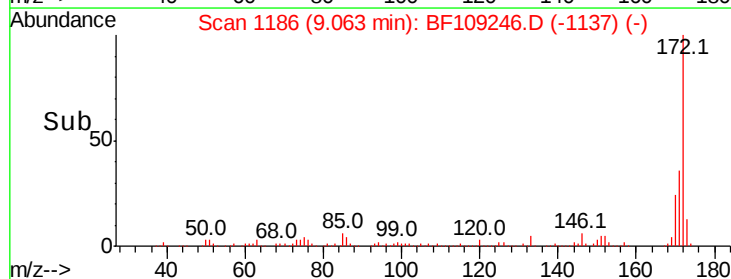
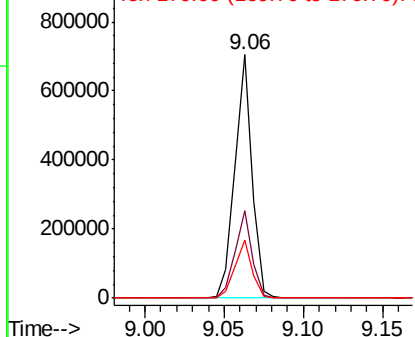


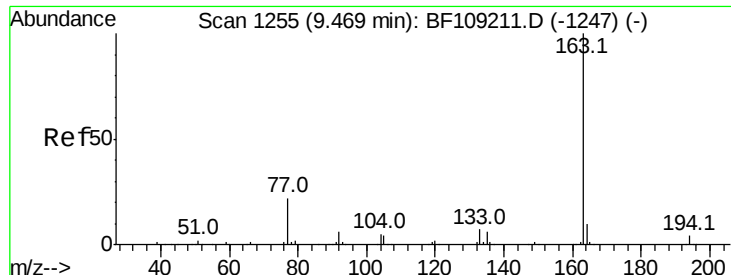
#44
 2-Fluorobiphenyl
 Concen: 41.632 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109246.D
 Acq: 23 Sep 2018 3:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	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

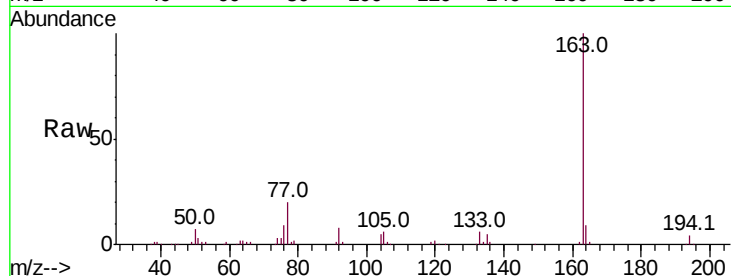




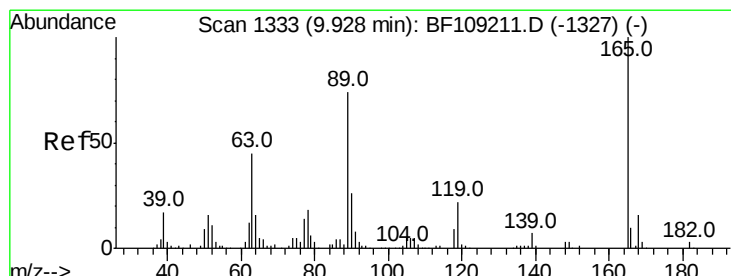
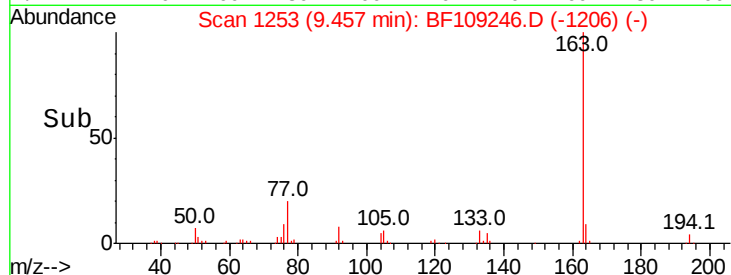
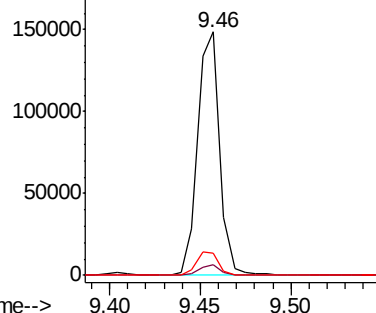
#49
Dimethylphthalate
Concen: 8.904 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.02 min
Lab File: BF109246.D
Acq: 23 Sep 2018 3:19

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.7	4.1#
164	9.2	8.2	12.2



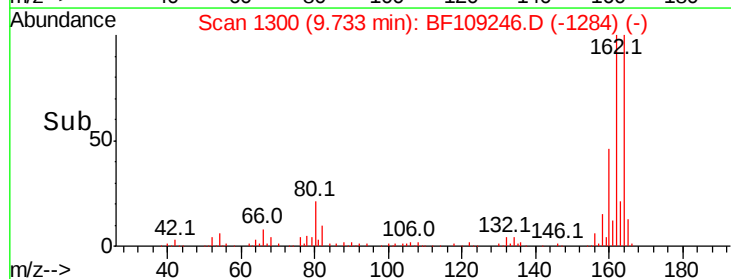
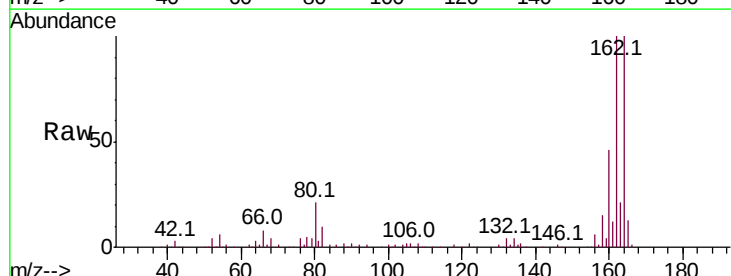
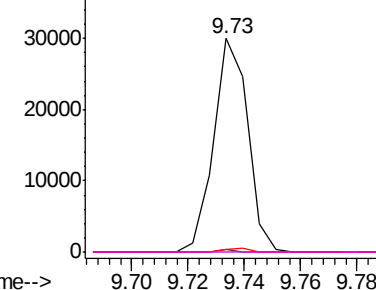
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

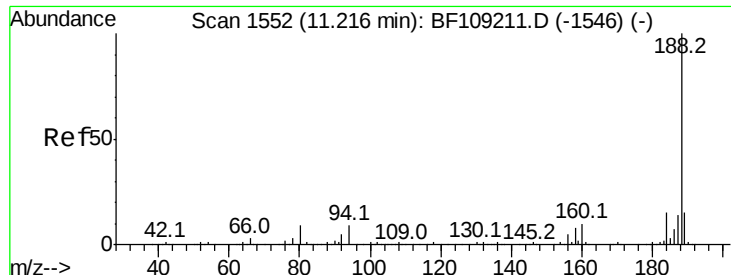


#56
2,4-Dinitrotoluene
Concen: 7.075 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.21 min
Lab File: BF109246.D
Acq: 23 Sep 2018 3:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

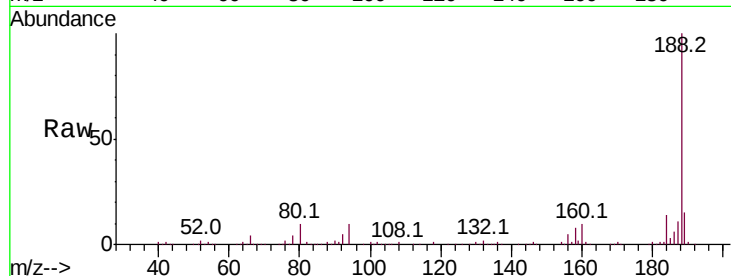




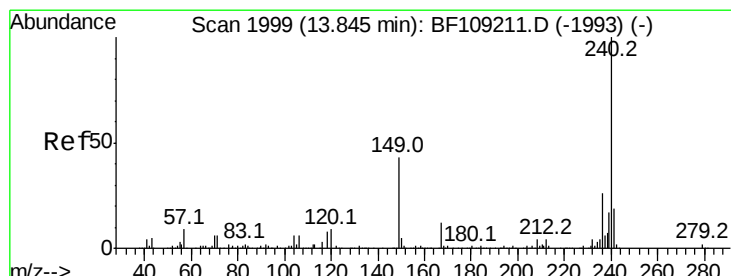
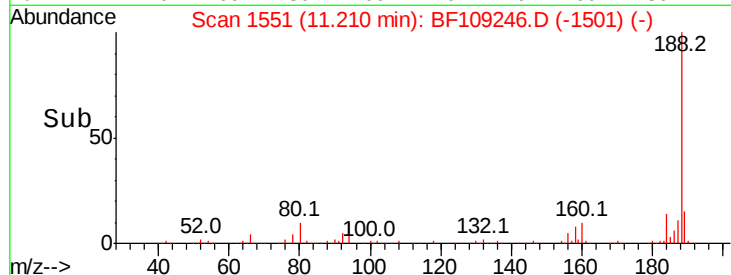
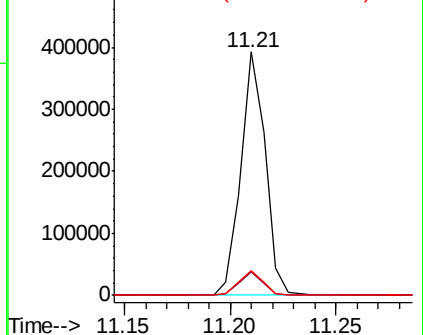
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.21 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BF109246.D
Acq: 23 Sep 2018 3:19

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.5	12.7
80	10.2	9.2	13.8

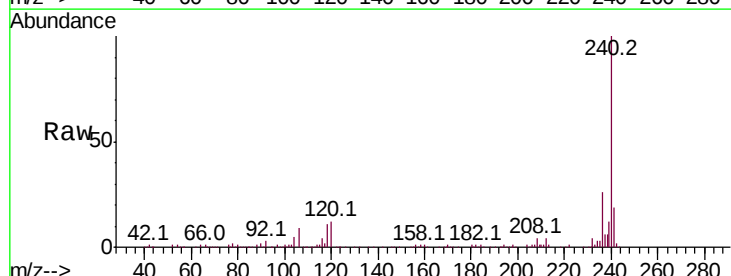


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

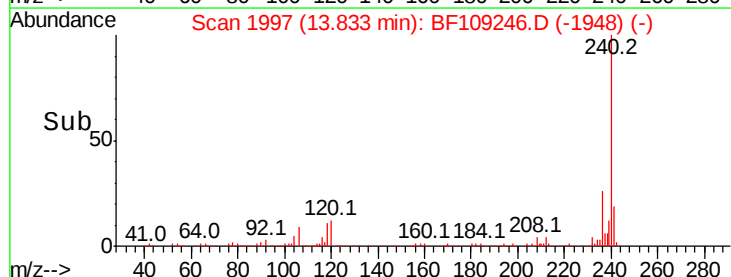
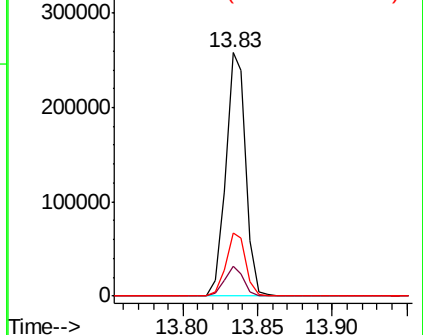


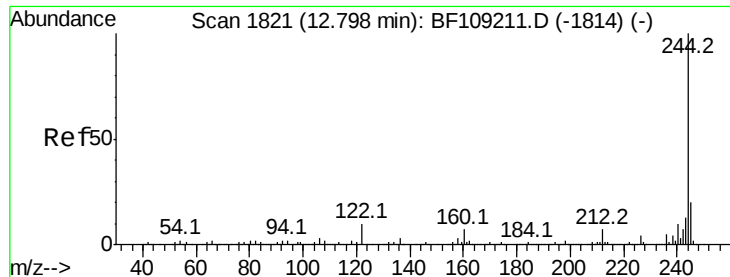
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF109246.D
Acq: 23 Sep 2018 3:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.5	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

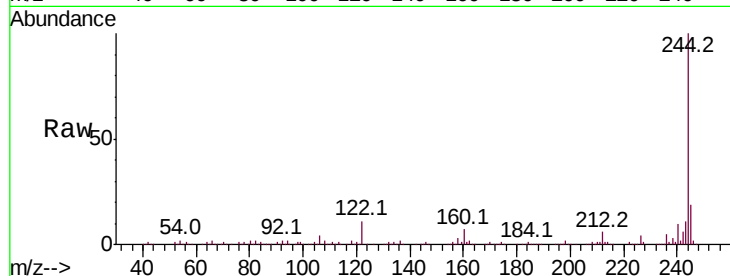




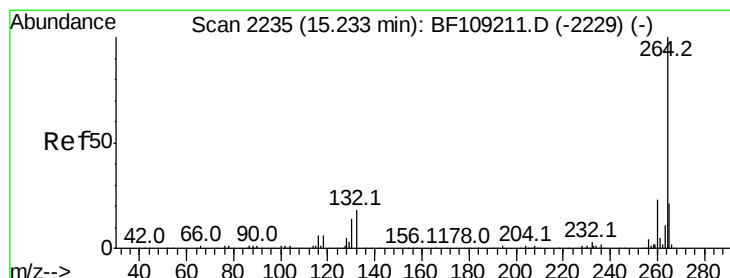
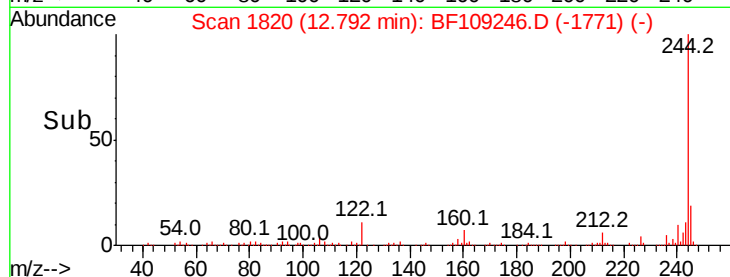
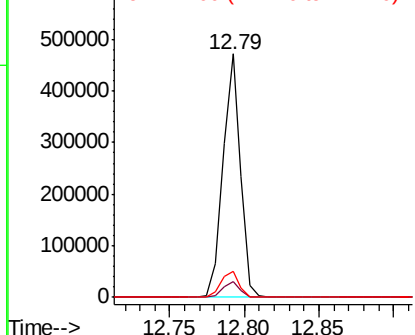
#78
 Terphenyl-d14
 Concen: 39.016 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF109246.D
 Acq: 23 Sep 2018 3:19

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 389385
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 10.8 11.0 16.4#

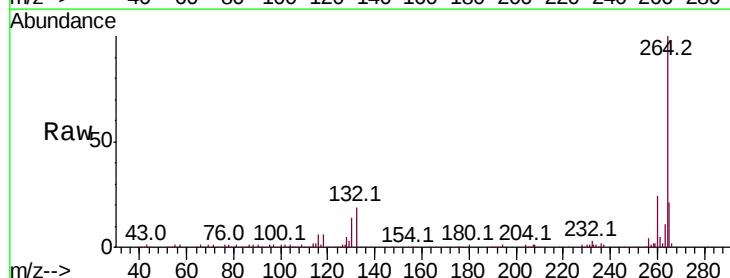


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF109246.D
 Acq: 23 Sep 2018 3:19

Tgt Ion:264 Resp: 207410
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.3 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

