

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091918\
 Data File : BF109146.D
 Acq On : 19 Sep 2018 16:28
 Operator : JU/SJ
 Sample : J4960-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 19 17:59:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 14 13:26:52 2018
 Response via : Initial Calibration

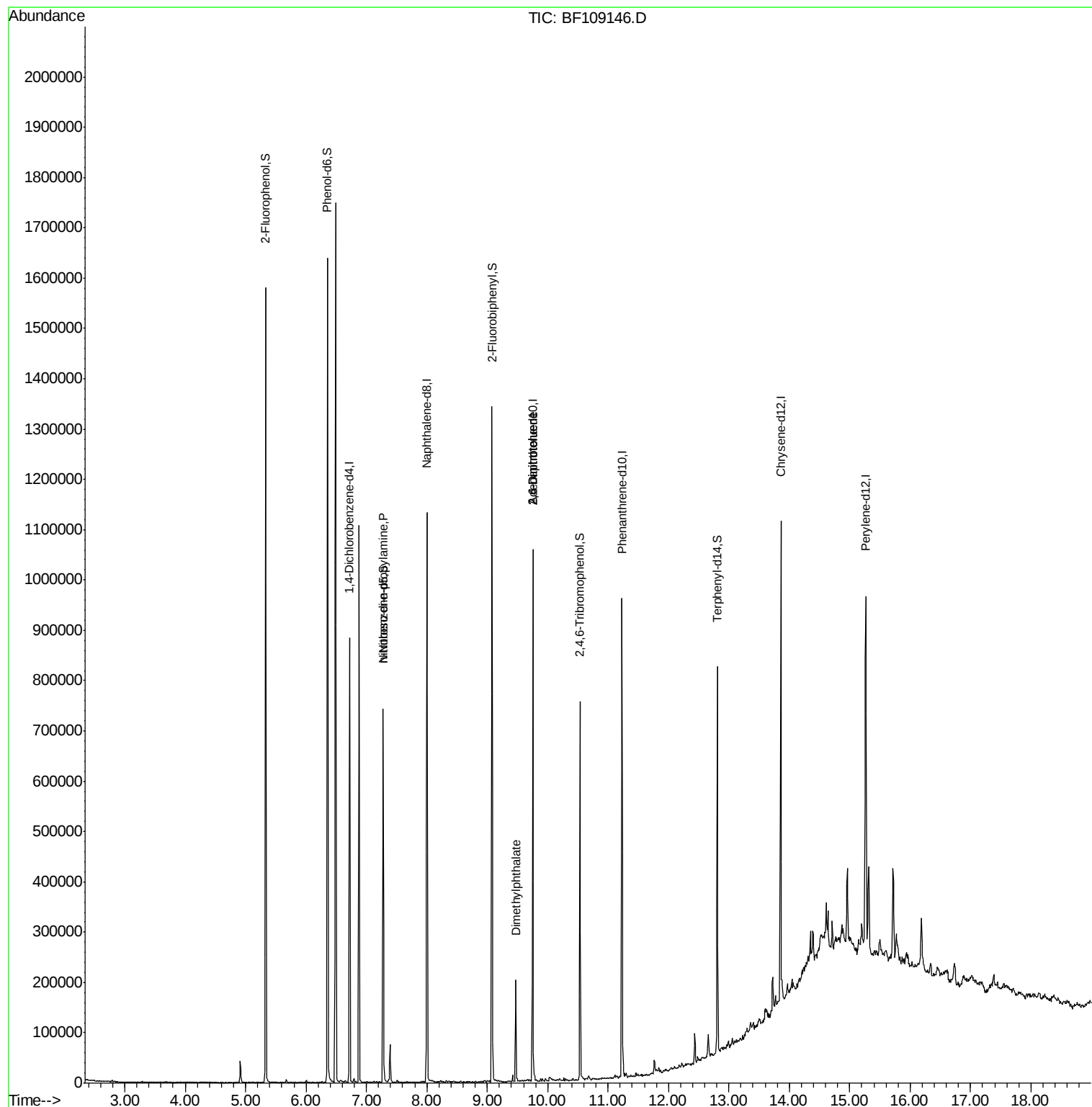
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	132978	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	470793	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	190275	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	321060	20.00	ng	0.00
75) Chrysene-d12	13.86	240	330674	20.00	ng	0.00
86) Perylene-d12	15.27	264	314667	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	409987	51.21	ng	0.00
7) Phenol-d6	6.35	99	532503	51.58	ng	0.00
23) Nitrobenzene-d5	7.28	82	219008	26.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	90441	43.80	ng	0.00
44) 2-Fluorobiphenyl	9.08	172	375413	30.91	ng	0.00
78) Terphenyl-d14	12.81	244	274312	19.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	29383	4.306	ng	# 76
49) Dimethylphthalate	9.47	163	76770	5.645	ng	# 99
50) 2,6-Dinitrotoluene	9.75	165	23965	7.946	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	23965	6.076	ng	# 23

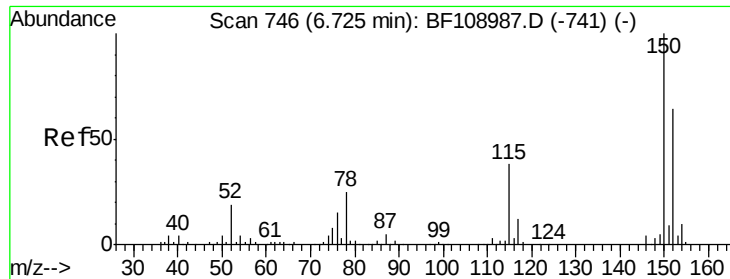
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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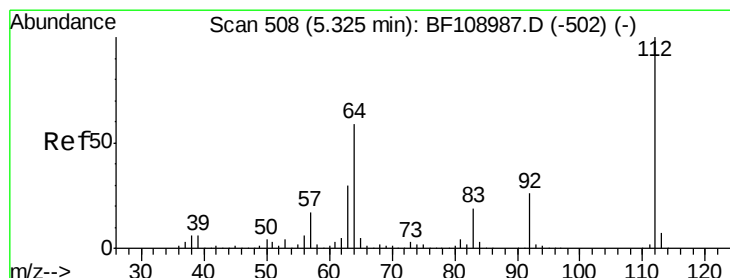
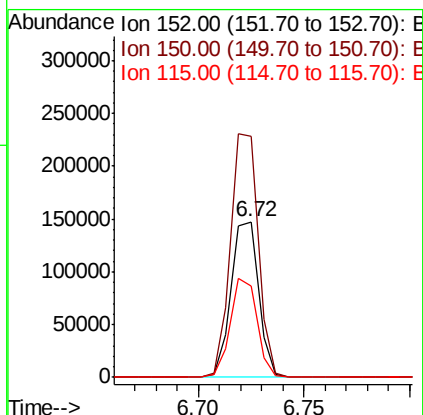
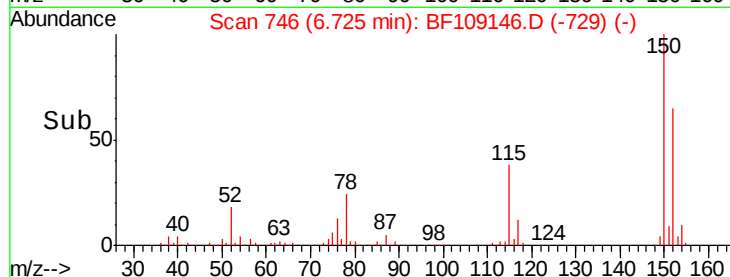
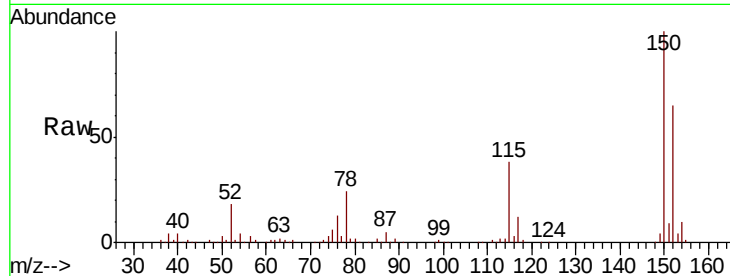


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 746
Delta R.T. 0.00 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Instrument :
BNA_F
ClientSampleId :

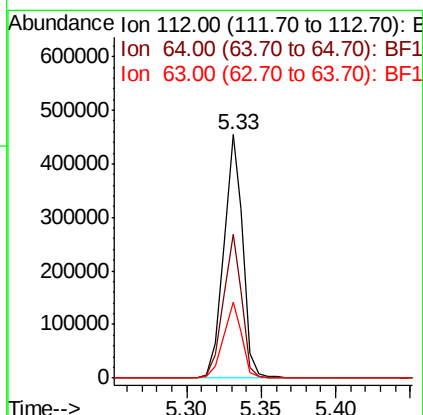
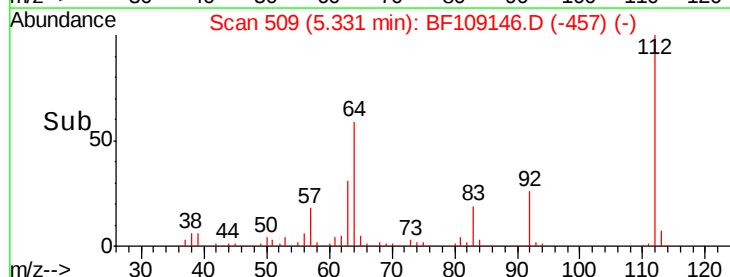
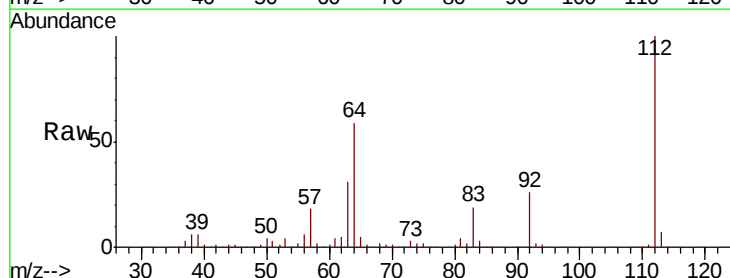
Tot Ion:152 Resp: 132978
Ion Ratio Lower Upper
152 100
150 154.8 124.6 186.8
115 58.4 50.1 75.1



#5

2-Fluorophenol
Concen: 51.207 ng
RT: 5.33 min Scan# 509
Delta R.T. 0.01 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Tgt Ion:112 Resp: 409987
Ion Ratio Lower Upper
112 100
64 59.3 47.9 71.9
63 31.0 23.7 35.5





#7

Phenol-d6

Concen: 51.579 ng

RT: 6.35 min Scan# 683

Delta R.T. -0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

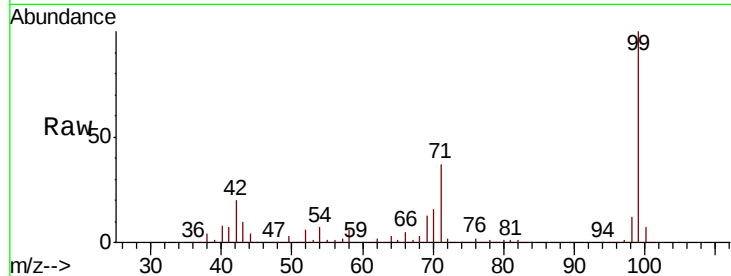
Tot Ion: 99 Resp: 532503

Ion Ratio Lower Upper

99 100

42 19.8 14.5 21.7

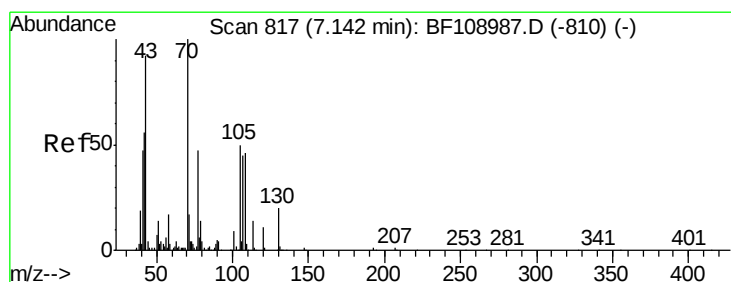
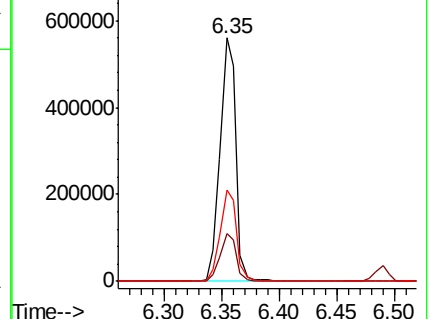
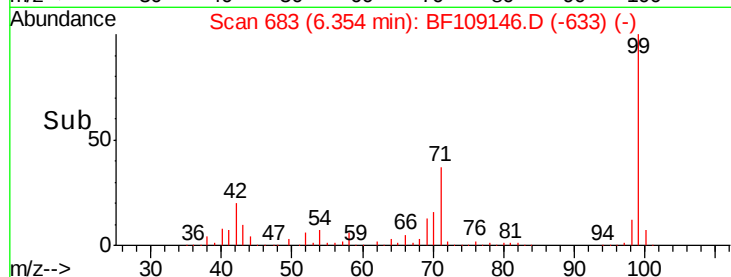
71 37.3 25.4 38.0



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: 4.306 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Tgt Ion: 70 Resp: 29383

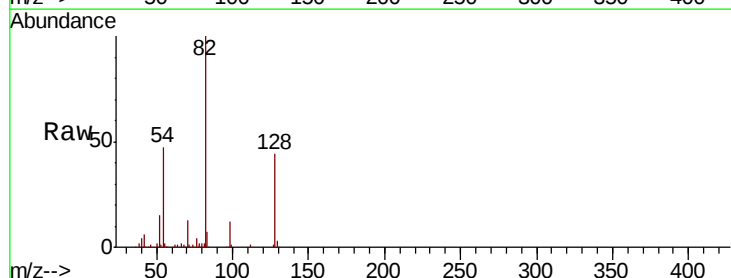
Ion Ratio Lower Upper

70 100

42 46.5 47.5 71.3#

101 0.0 7.4 11.2#

130 1.8 16.6 25.0#

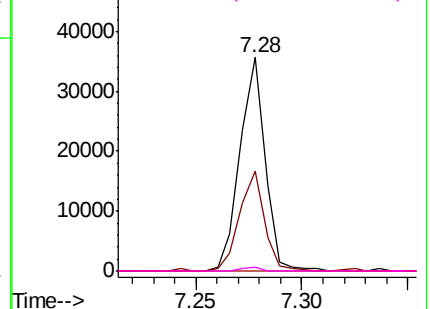
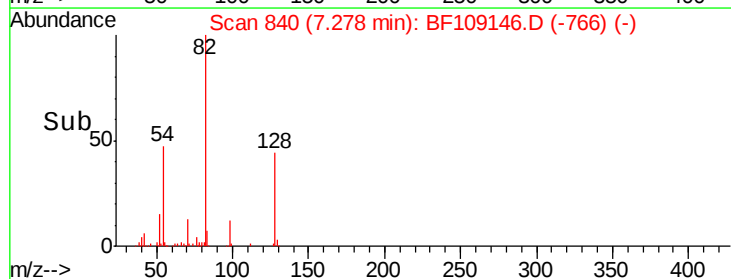


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 470793

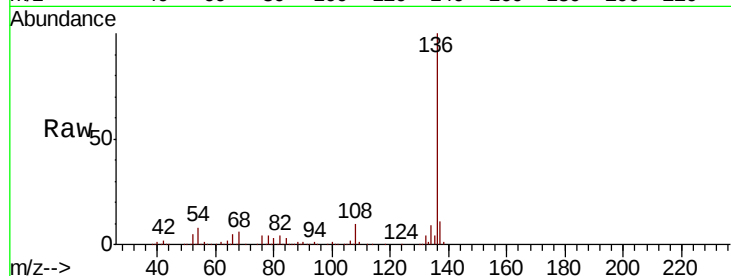
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 7.6 6.6 9.8

68 6.0 5.0 7.4

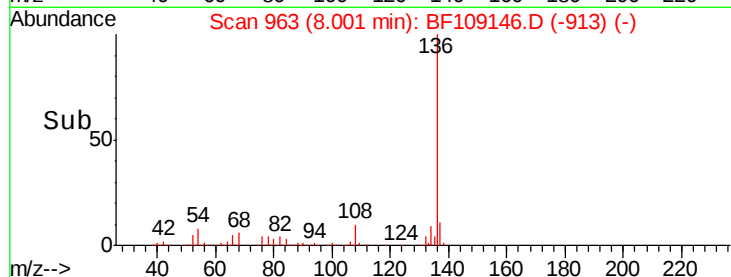


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

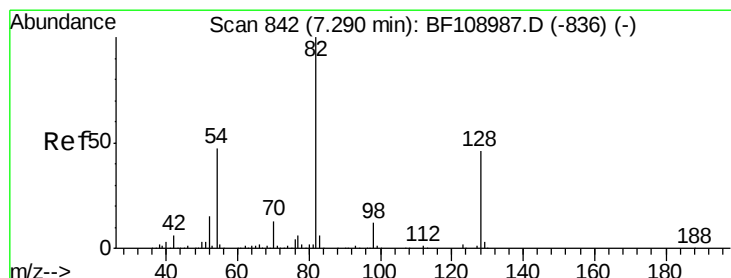
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

8.00



#23

Nitrobenzene-d5

Concen: 26.092 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

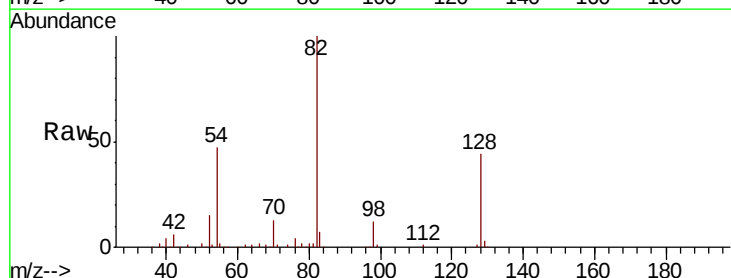
Tgt Ion: 82 Resp: 219008

Ion Ratio Lower Upper

82 100

128 44.0 36.1 54.1

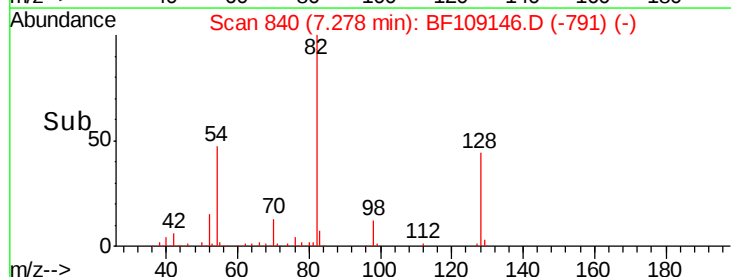
54 47.0 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

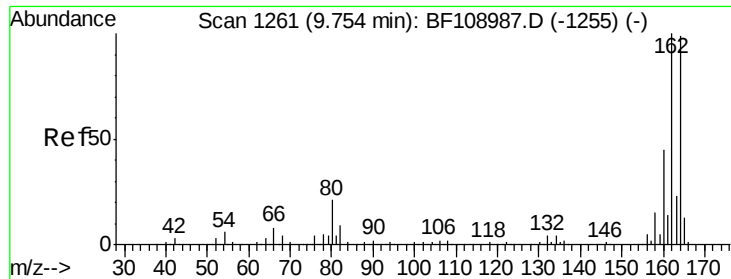
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1



Time-->

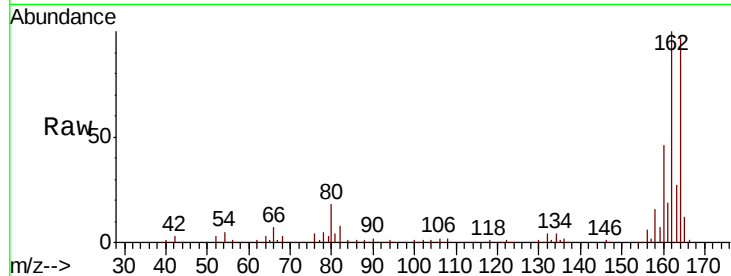
7.28



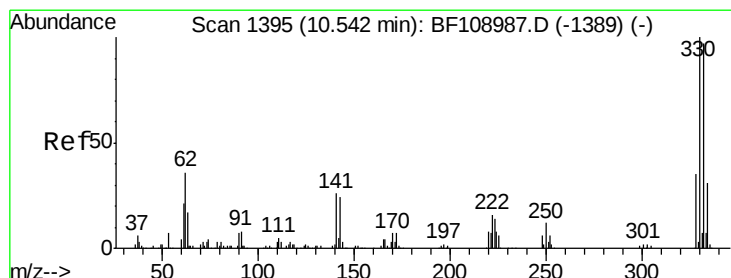
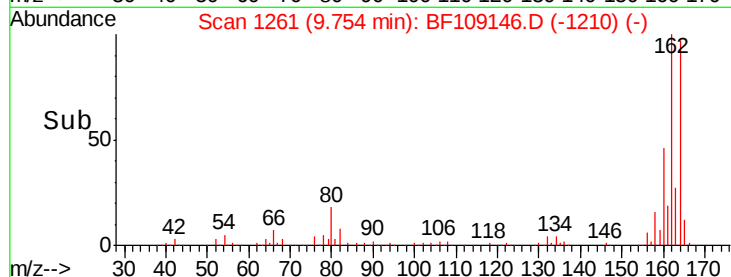
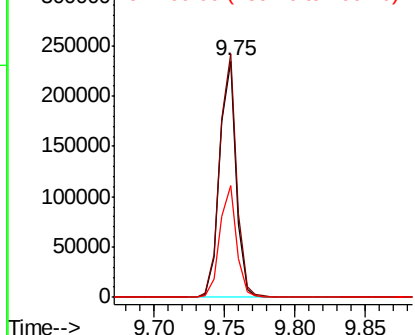
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 190275
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 47.1 38.3 57.5

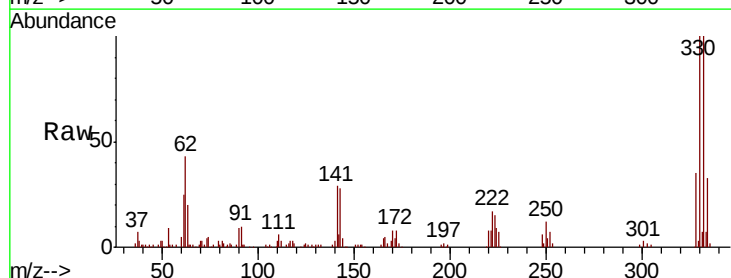


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

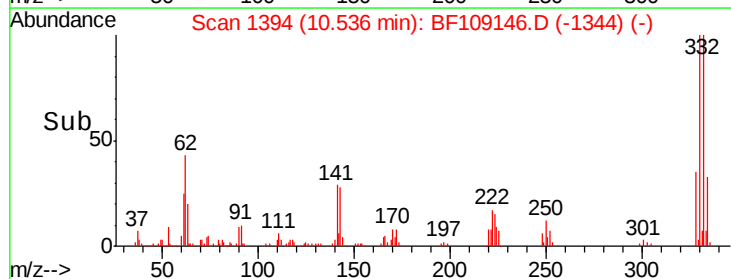
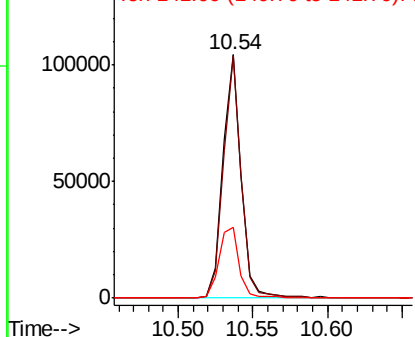


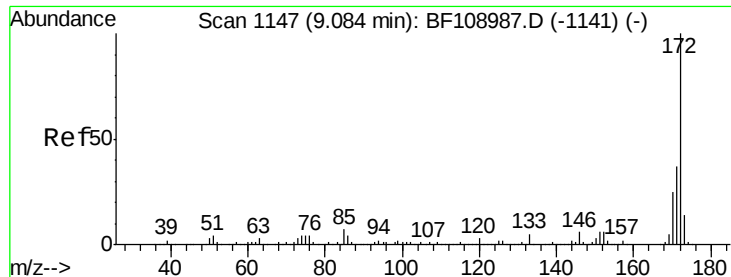
#41
2,4,6-Tribromophenol
Concen: 43.797 ng
RT: 10.54 min Scan# 1394
Delta R.T. -0.01 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Tgt Ion:330 Resp: 90441
Ion Ratio Lower Upper
330 100
332 97.7 77.0 115.6
141 32.0 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

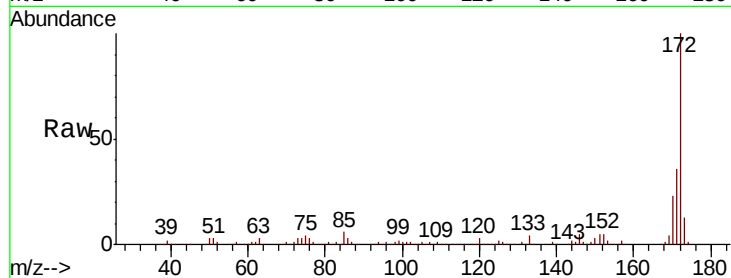




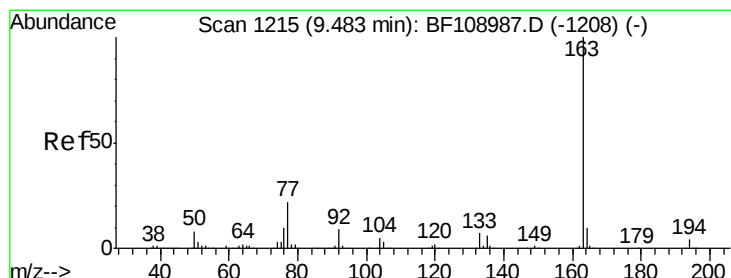
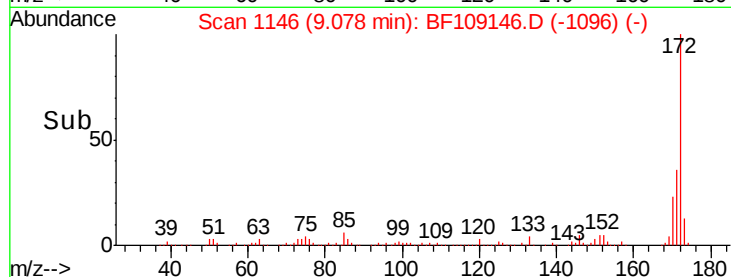
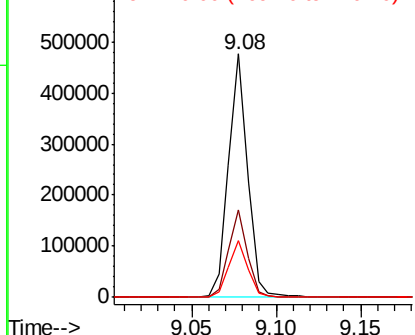
#44
2-Fluorobiphenyl
Concen: 30.912 ng
RT: 9.08 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 375413
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 23.4 19.6 29.4

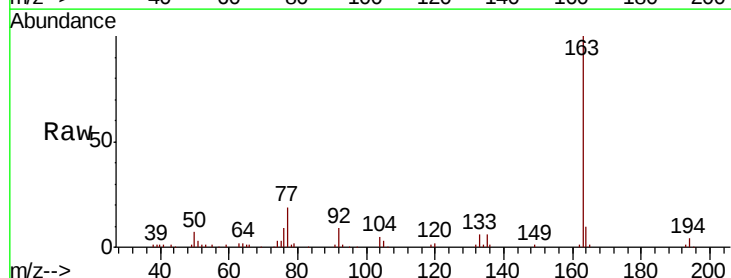


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

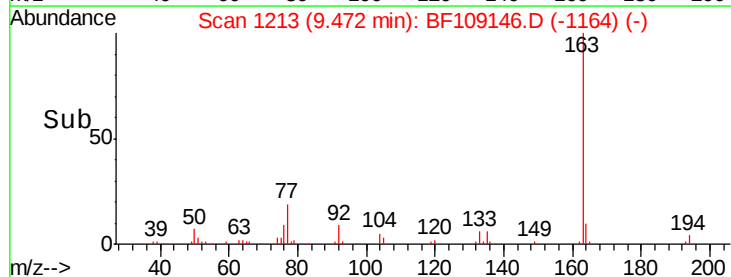
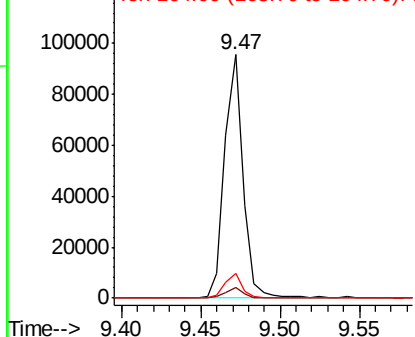


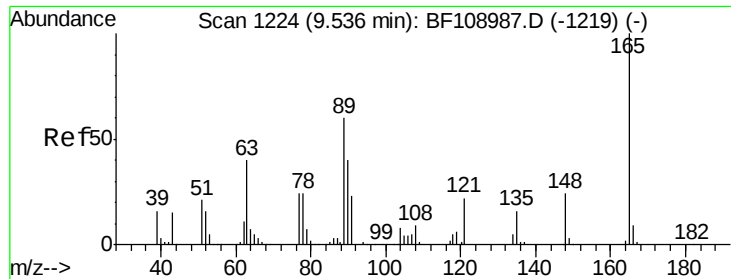
#49
Dimethylphthalate
Concen: 5.645 ng
RT: 9.47 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Tgt Ion:163 Resp: 76770
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.1 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

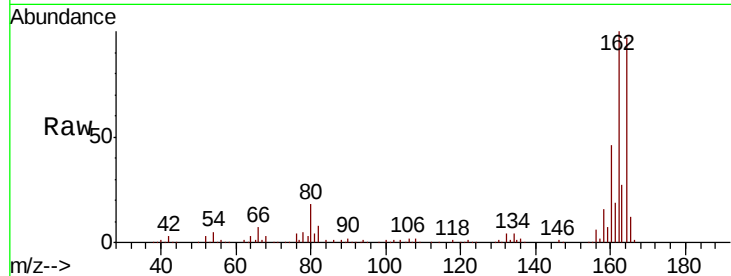




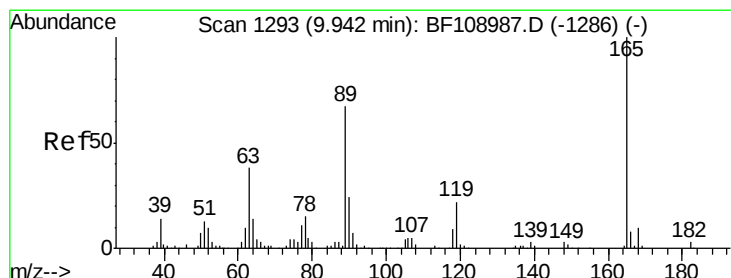
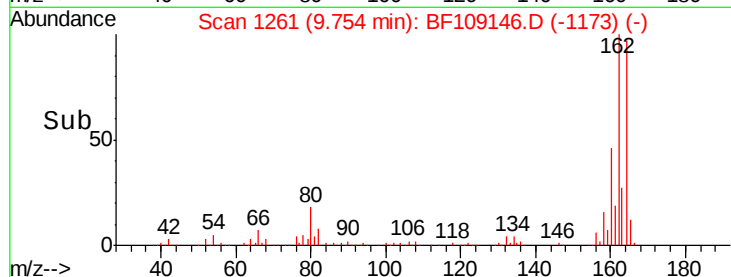
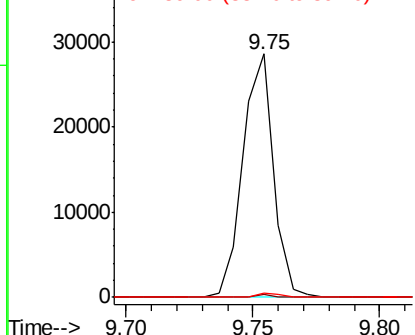
#50
2,6-Dinitrotoluene
Concen: 7.946 ng
RT: 9.75 min Scan# 1261
Delta R.T. 0.22 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	44.7	67.1#
89	1.6	44.0	66.0#

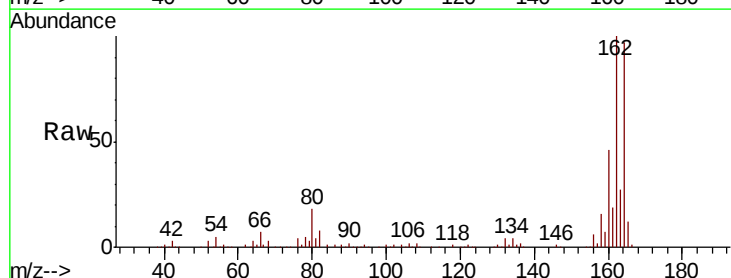


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

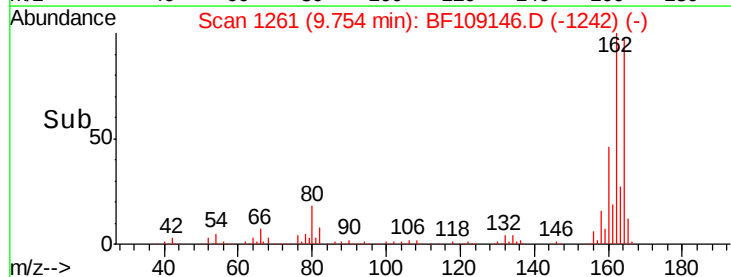
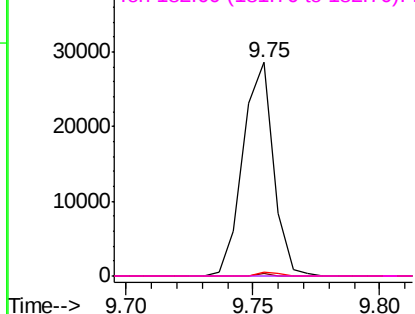


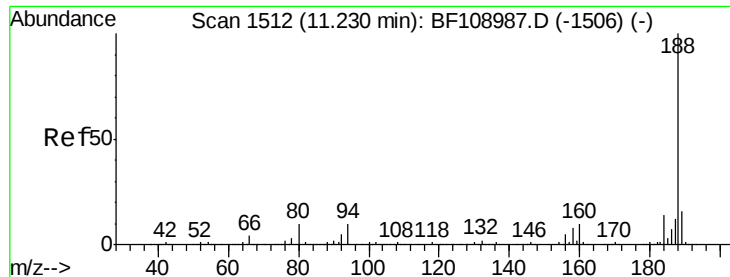
#56
2,4-Dinitrotoluene
Concen: 6.076 ng
RT: 9.75 min Scan# 1261
Delta R.T. -0.19 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.4	54.6#
89	1.6	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

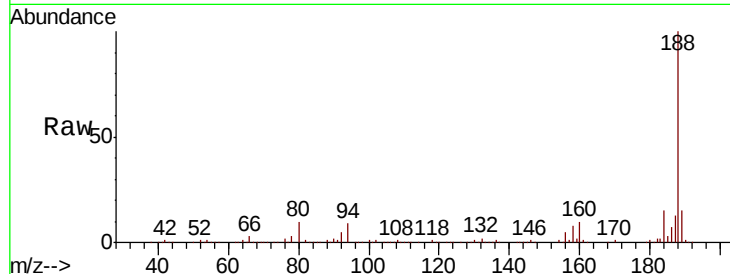




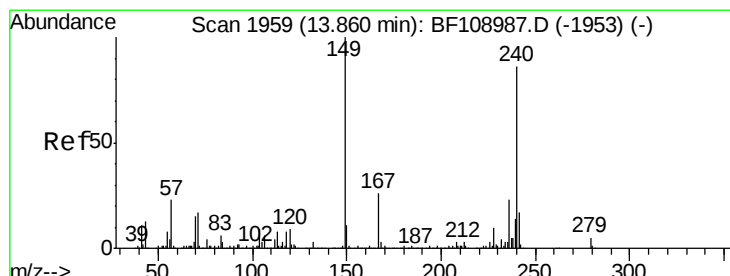
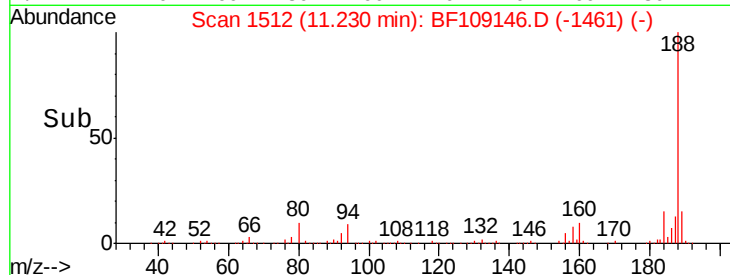
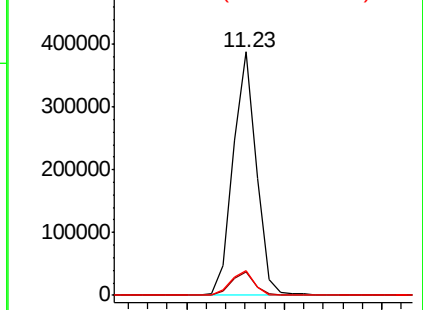
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1512
Delta R.T. 0.00 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 321060
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 10.2 9.2 13.8

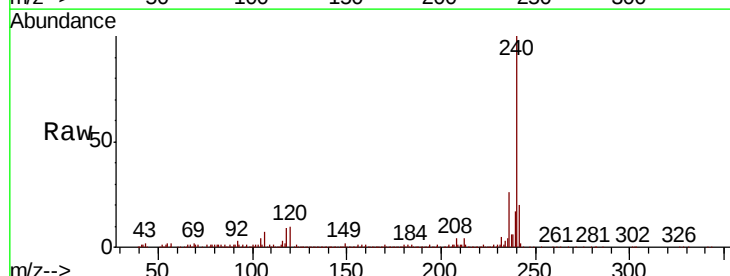


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

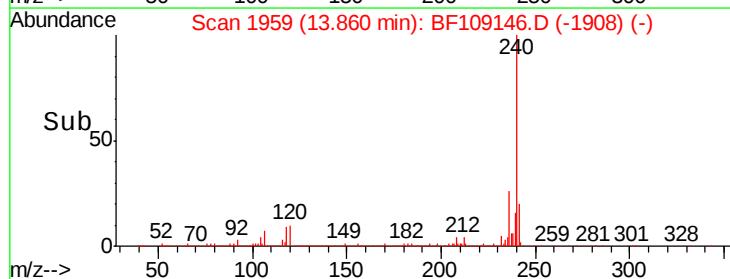
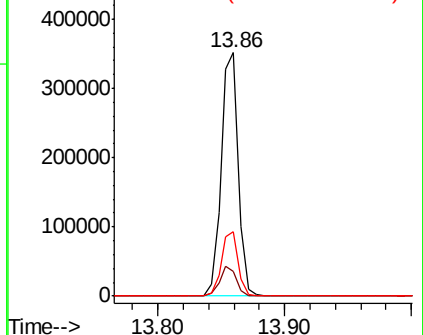


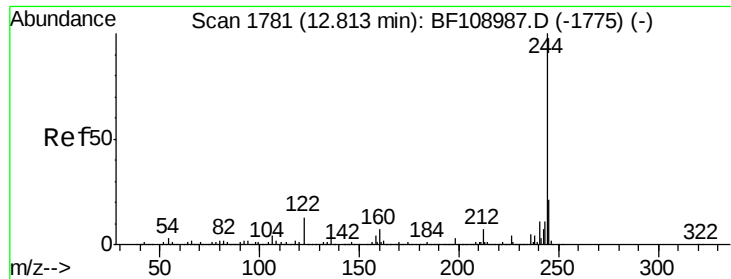
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 1959
Delta R.T. 0.00 min
Lab File: BF109146.D
Acq: 19 Sep 2018 16:28

Tgt Ion:240 Resp: 330674
Ion Ratio Lower Upper
240 100
120 10.1 9.5 14.3
236 26.2 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: 19.663 ng

RT: 12.81 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

Instrument :

BNA_F

ClientSampleId :

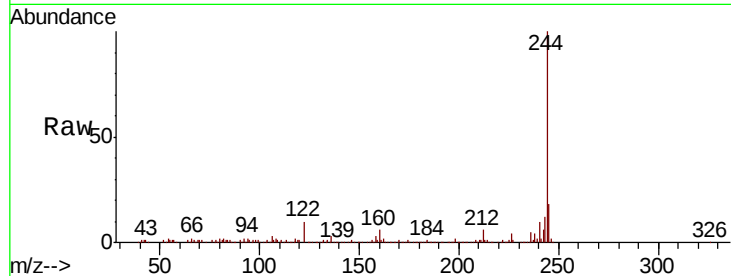
Tot Ion:244 Resp: 274312

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

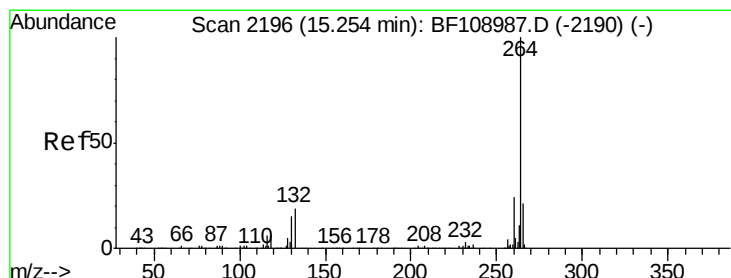
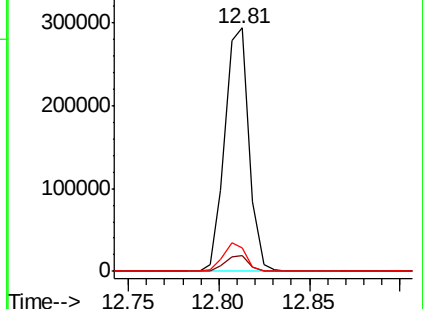
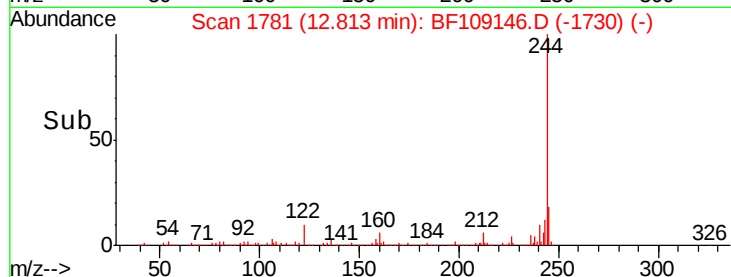
122 9.6 11.0 16.4#



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: 15.27 min Scan# 2198

Delta R.T. 0.01 min

Lab File: BF109146.D

Acq: 19 Sep 2018 16:28

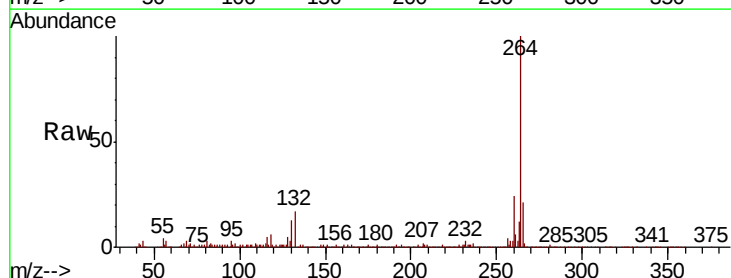
Tgt Ion:264 Resp: 314667

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.5 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

