

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109199.D
 Acq On : 20 Sep 2018 23:06
 Operator : JU/SJ
 Sample : J4988-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 21 07:13:05 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

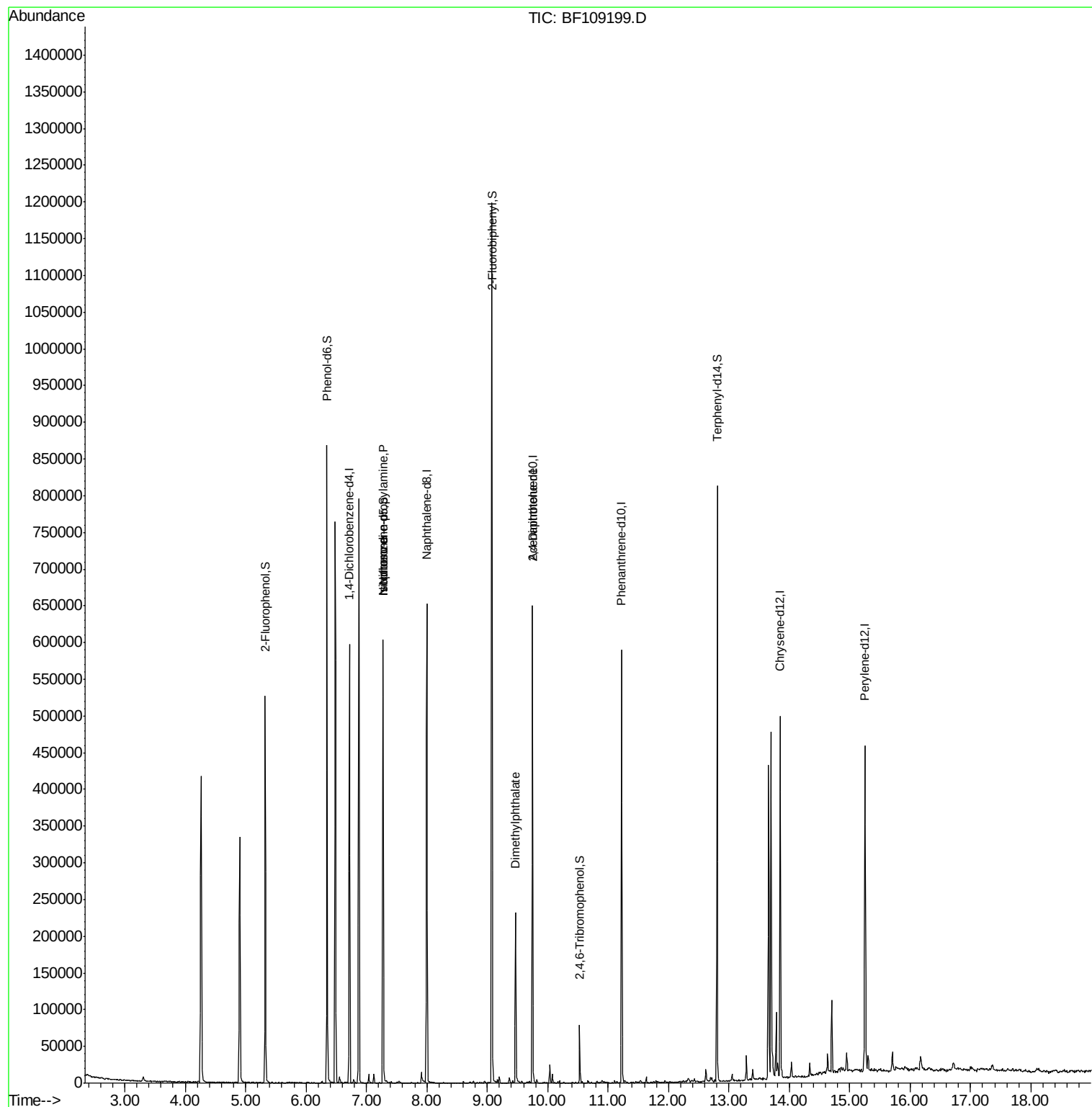
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	71531	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	266275	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	123056	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	200810	20.00	ng	0.00
75) Chrysene-d12	13.85	240	161495	20.00	ng	-0.01
86) Perylene-d12	15.25	264	191682	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	128862	29.92	ng	0.00
7) Phenol-d6	6.35	99	249684	44.96	ng	-0.01
23) Nitrobenzene-d5	7.28	82	193336	40.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	9425	7.06	ng	-0.01
44) 2-Fluorobiphenyl	9.08	172	373830	47.60	ng	0.00
78) Terphenyl-d14	12.81	244	248696	36.50	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	25370	6.911	ng	# 80
25) Isophorone	7.28	82	191083	23.415	ng	# 64
49) Dimethylphthalate	9.47	163	82952	9.431	ng	99
56) 2,4-Dinitrotoluene	9.75	165	15115	5.925	ng	# 21

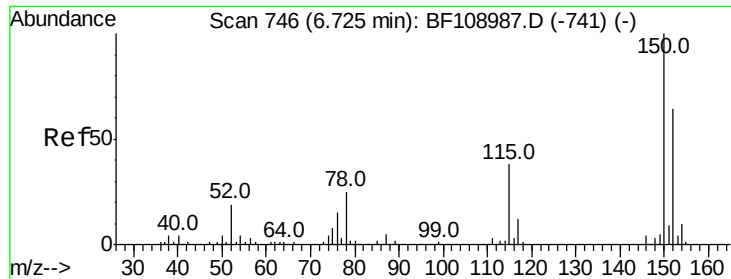
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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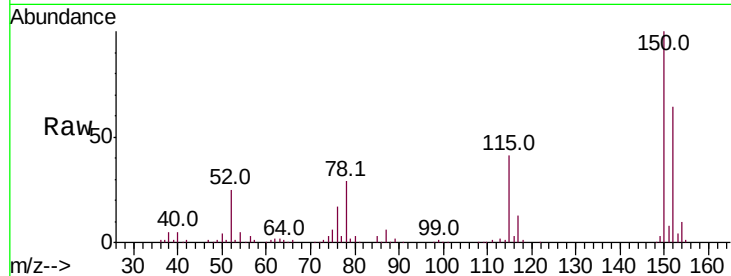


#1

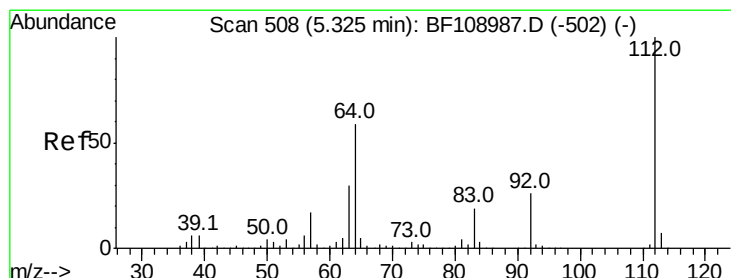
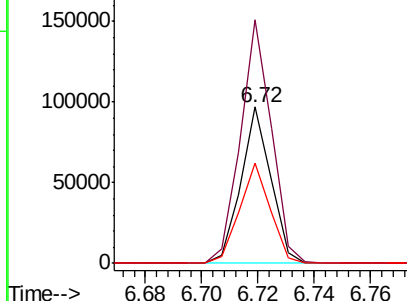
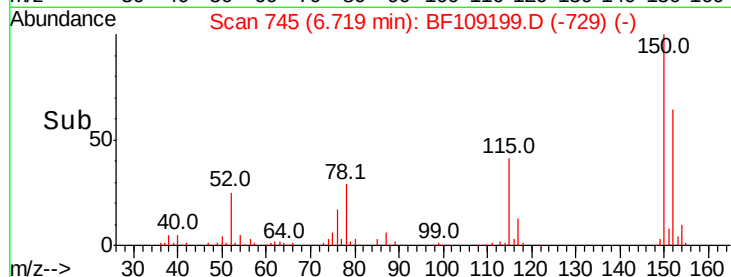
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF109199.D
 Acq: 20 Sep 2018 23:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 71531
 Ion Ratio Lower Upper
 152 100
 150 156.1 124.6 186.8
 115 64.0 50.1 75.1



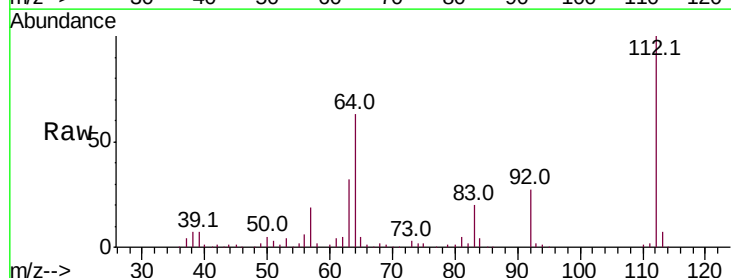
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



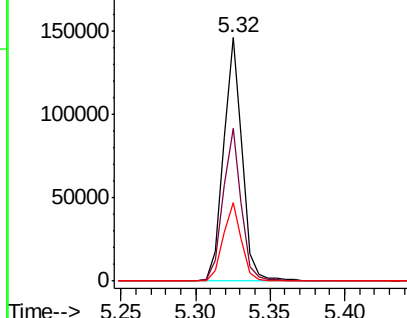
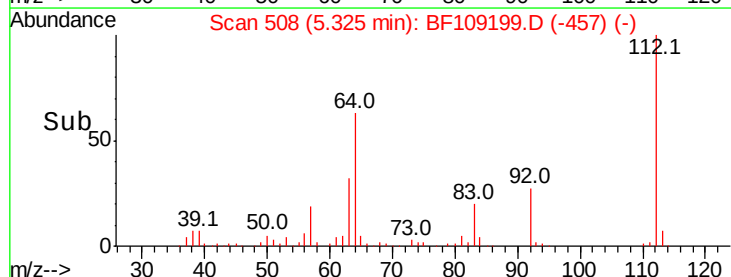
#5

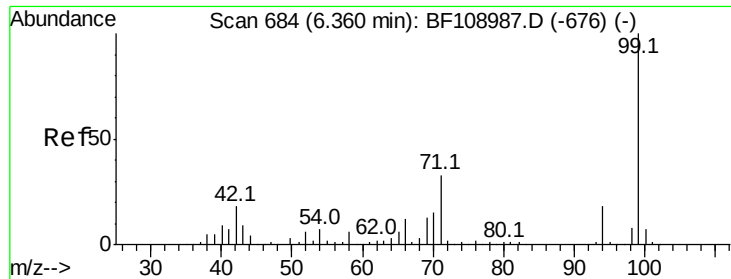
2-Fluorophenol
 Concen: 29.921 ng
 RT: 5.32 min Scan# 508
 Delta R.T. 0.00 min
 Lab File: BF109199.D
 Acq: 20 Sep 2018 23:06

Tgt Ion:112 Resp: 128862
 Ion Ratio Lower Upper
 112 100
 64 62.5 47.9 71.9
 63 32.1 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: 44.960 ng

RT: 6.35 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

Instrument :

BNA_F

ClientSampleId :

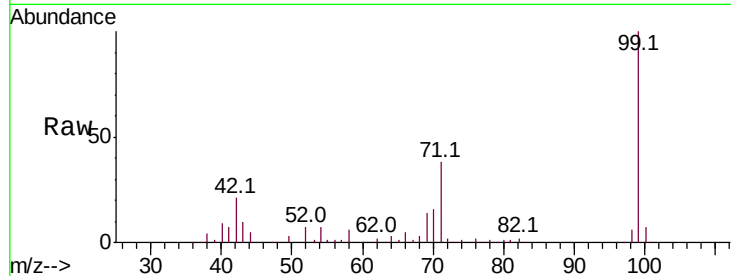
Tot Ion: 99 Resp: 249684

Ion Ratio Lower Upper

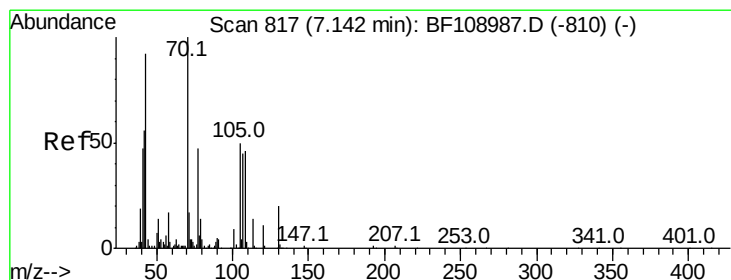
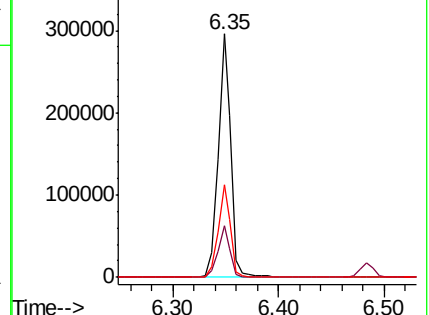
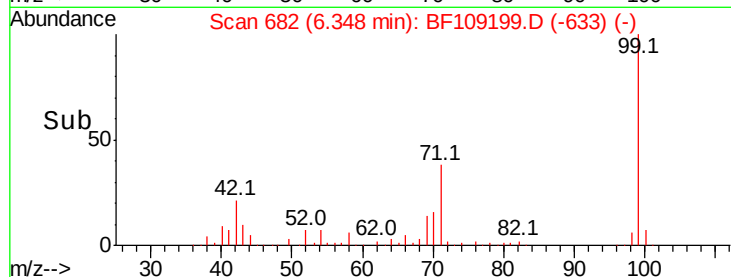
99 100

42 21.5 14.5 21.7

71 38.0 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: 6.911 ng

RT: 7.28 min Scan# 840

Delta R.T. 0.14 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

Tgt Ion: 70 Resp: 25370

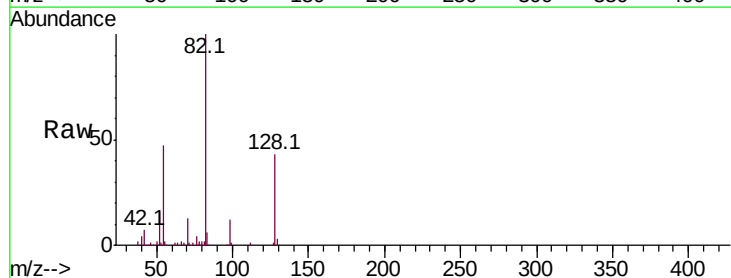
Ion Ratio Lower Upper

70 100

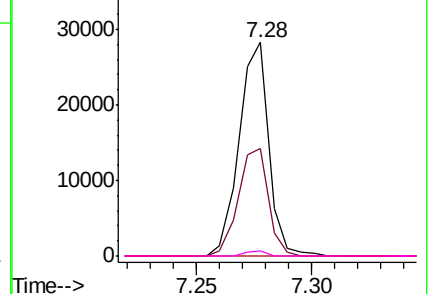
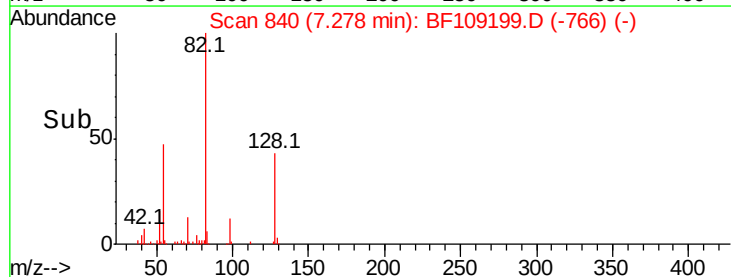
42 50.1 47.5 71.3

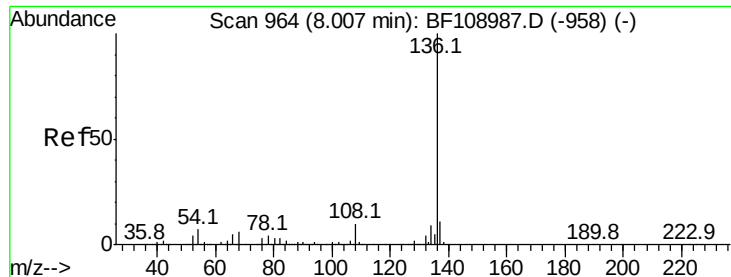
101 0.0 7.4 11.2#

130 2.1 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: BF109199.D

Acq: 20 Sep 2018 23:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 266275

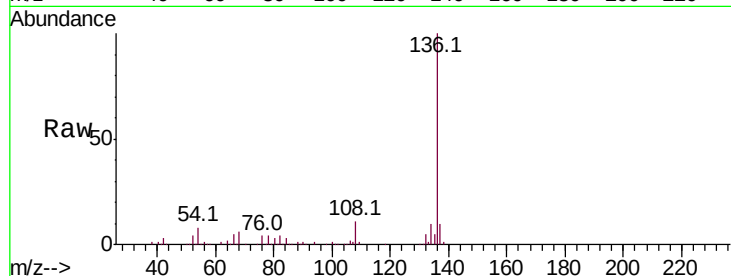
Ion Ratio Lower Upper

136 100

137 10.4 8.9 13.3

54 7.5 6.6 9.8

68 5.8 5.0 7.4

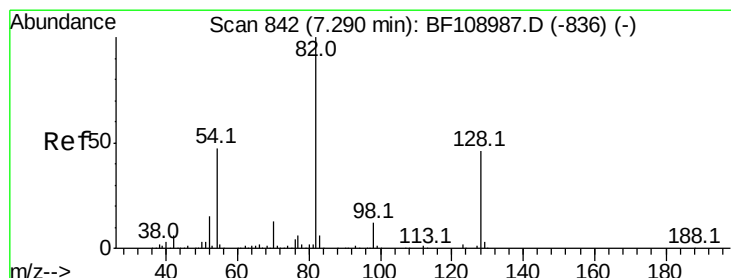
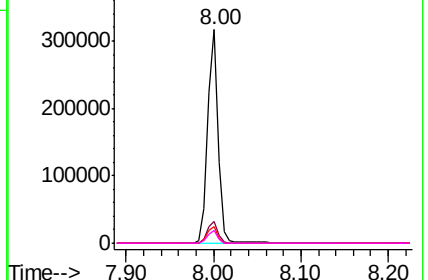
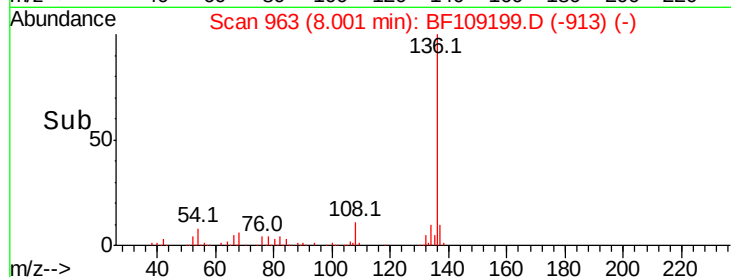


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.724 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.01 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

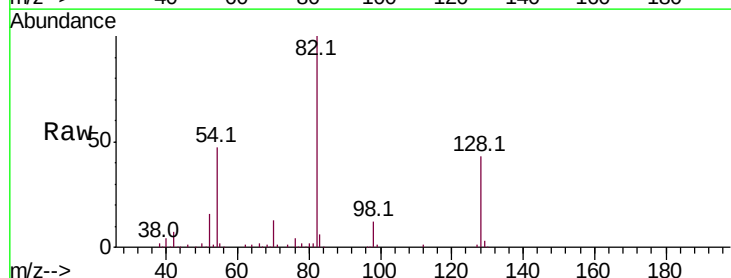
Tgt Ion: 82 Resp: 193336

Ion Ratio Lower Upper

82 100

128 43.1 36.1 54.1

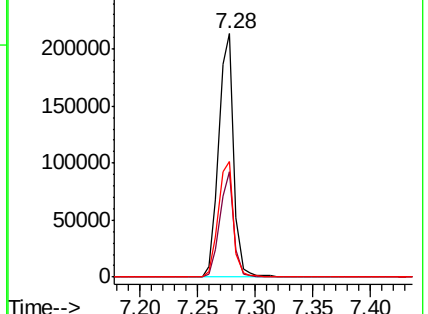
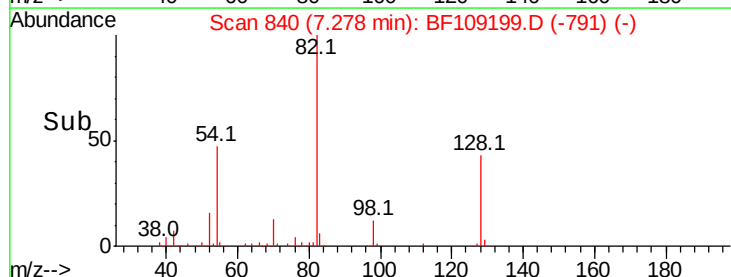
54 47.4 41.4 62.2

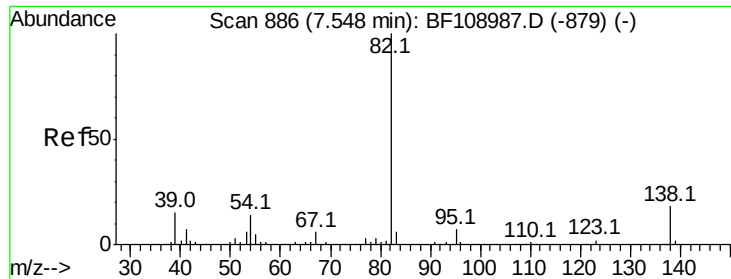


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 23.415 ng

RT: 7.28 min Scan# 840

Delta R.T. -0.27 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

Instrument :

BNA_F

ClientSampleId :

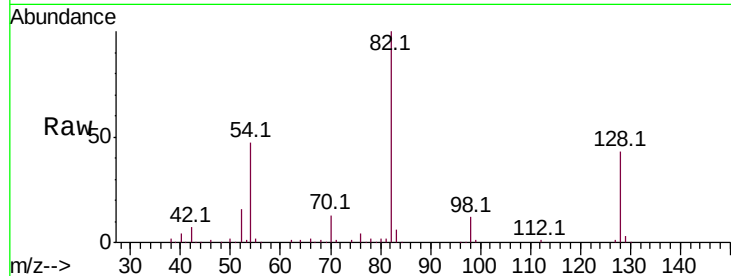
Tot Ion: 82 Resp: 191083

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

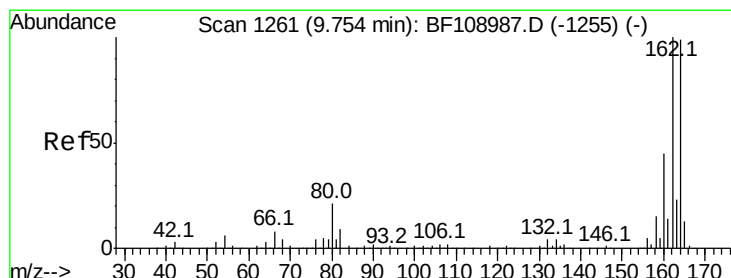
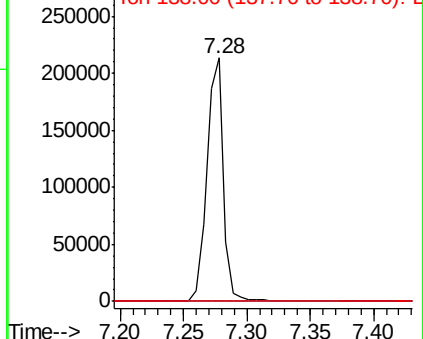
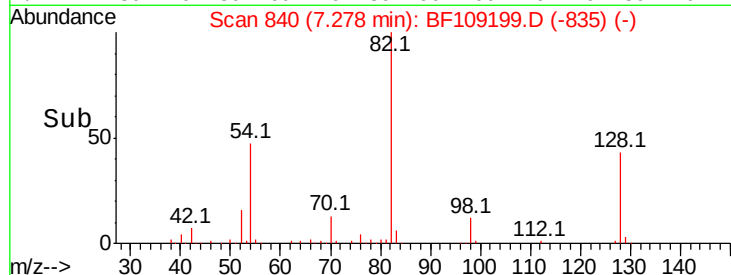
138 0.0 14.9 22.3#



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: 9.75 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

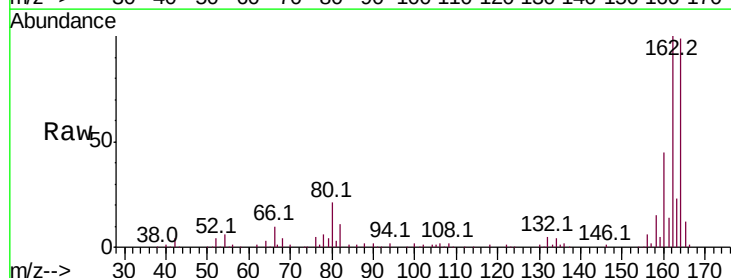
Tgt Ion:164 Resp: 123056

Ion Ratio Lower Upper

164 100

162 101.2 86.1 129.1

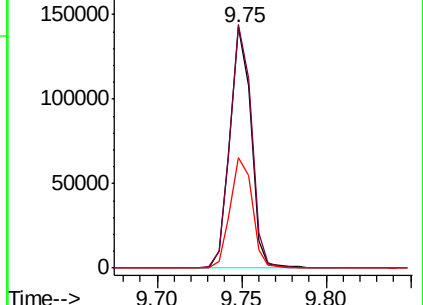
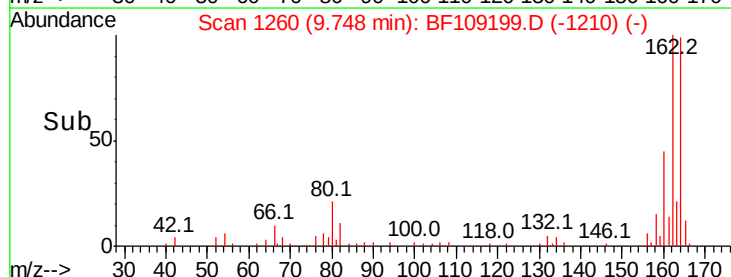
160 45.8 38.3 57.5

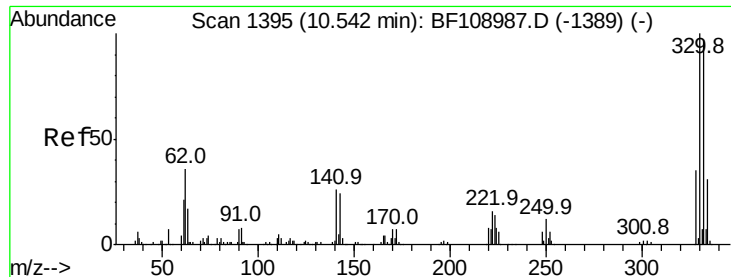


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

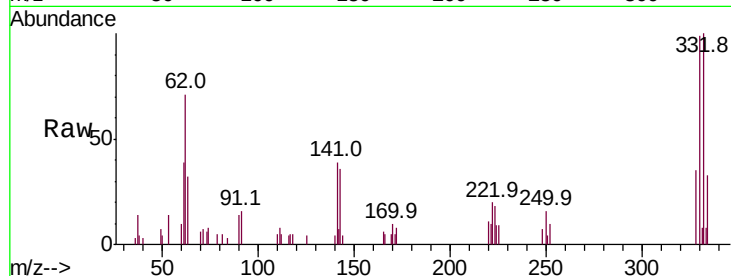




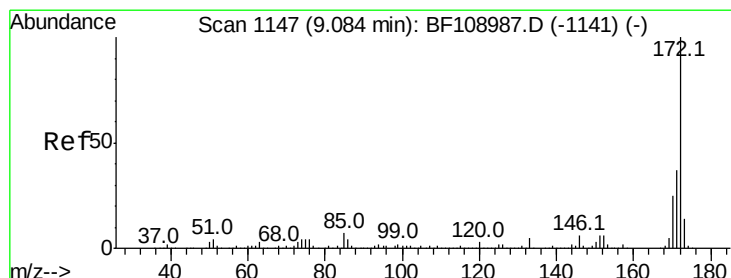
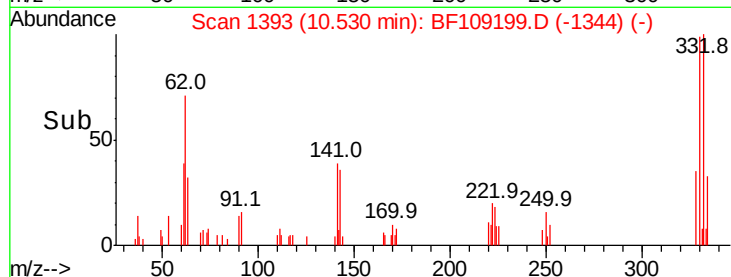
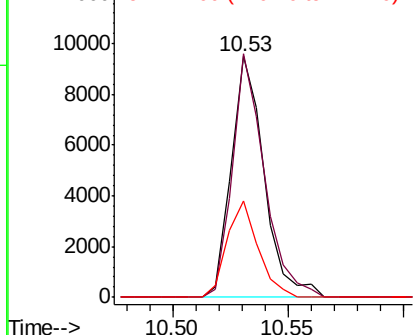
#41
 2,4,6-Tribromophenol
 Concen: 7.057 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109199.D
 Acq: 20 Sep 2018 23:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 9425
 Ion Ratio Lower Upper
 330 100
 332 98.8 77.0 115.6
 141 37.7 29.9 44.9

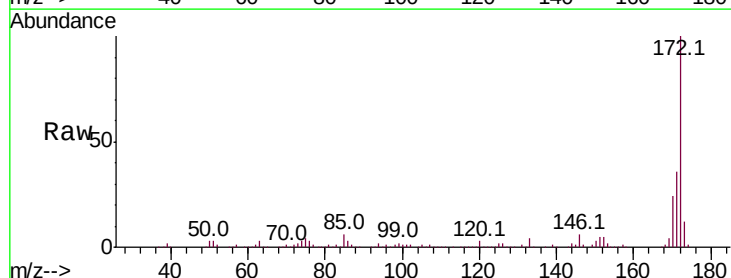


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

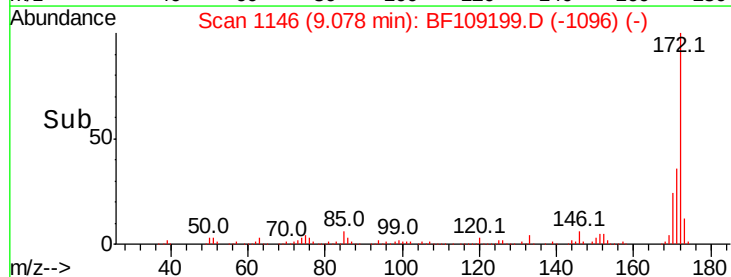
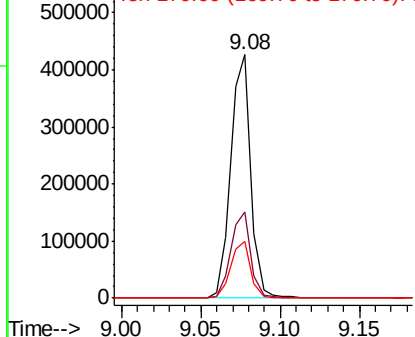


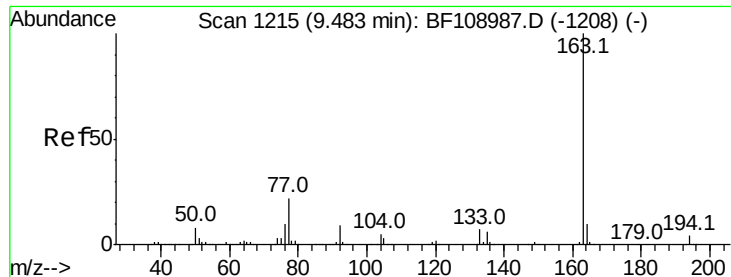
#44
 2-Fluorobiphenyl
 Concen: 47.595 ng
 RT: 9.08 min Scan# 1146
 Delta R.T. -0.01 min
 Lab File: BF109199.D
 Acq: 20 Sep 2018 23:06

Tgt Ion:172 Resp: 373830
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 23.5 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: 9.431 ng

RT: 9.47 min Scan# 1212

Delta R.T. -0.02 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

Instrument :

BNA_F

ClientSampleId :

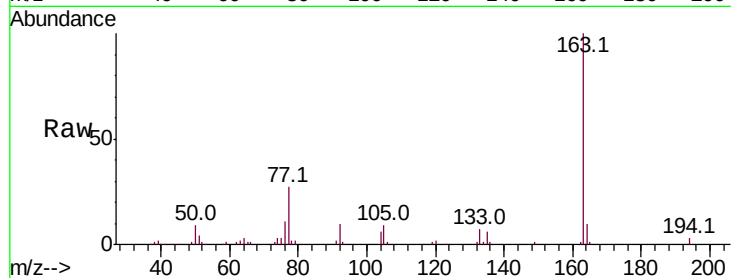
Tot Ion:163 Resp: 82952

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

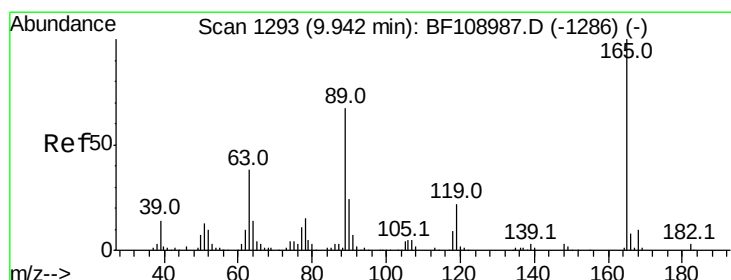
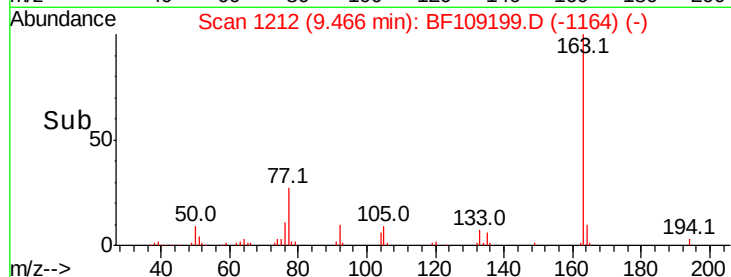
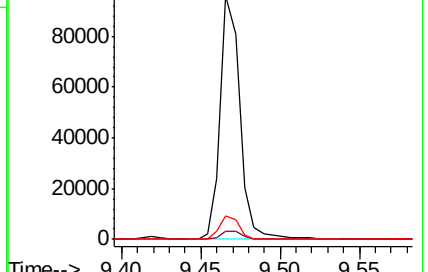
164 9.8 8.2 12.2



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: 5.925 ng

RT: 9.75 min Scan# 1260

Delta R.T. -0.19 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

Tgt Ion:165 Resp: 15115

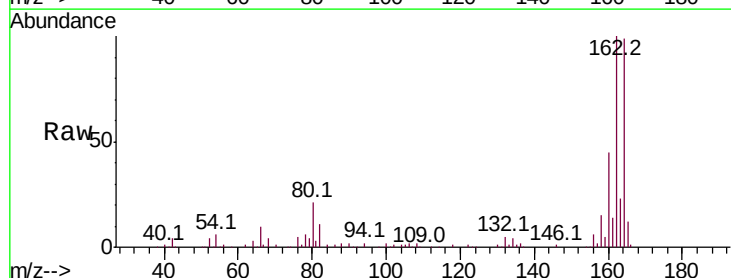
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 0.0 57.8 86.6#

182 0.0 1.6 2.4#

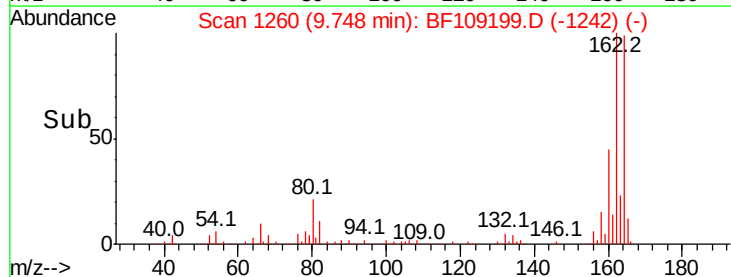
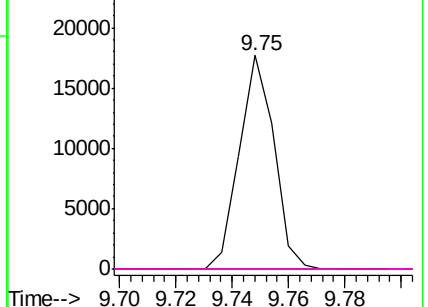


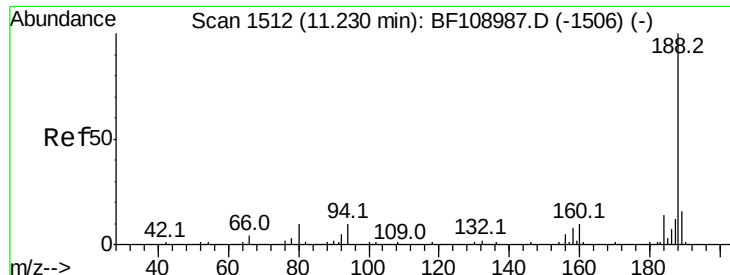
Abundance Ion 165.00 (164.70 to 165.70): E

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

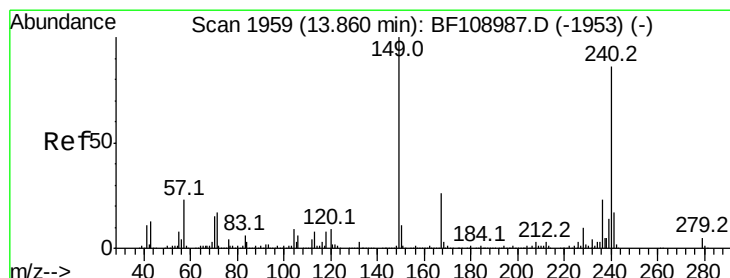
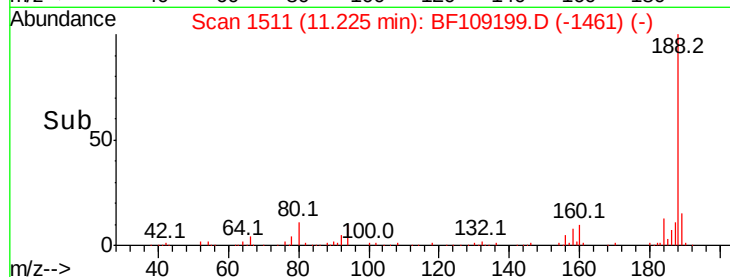
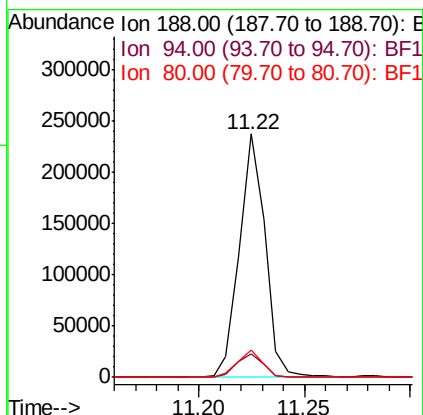
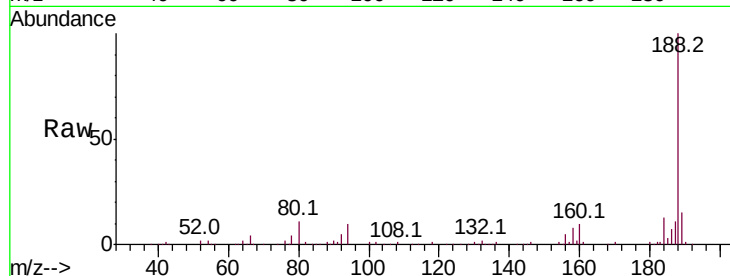




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109199.D
Acq: 20 Sep 2018 23:06

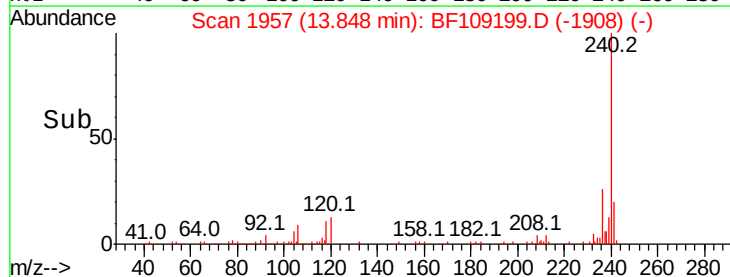
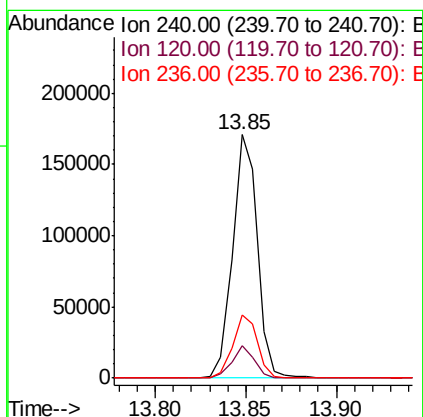
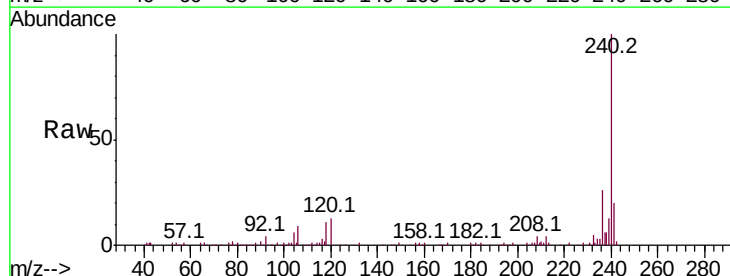
Instrument :
BNA_F
ClientSampleId :

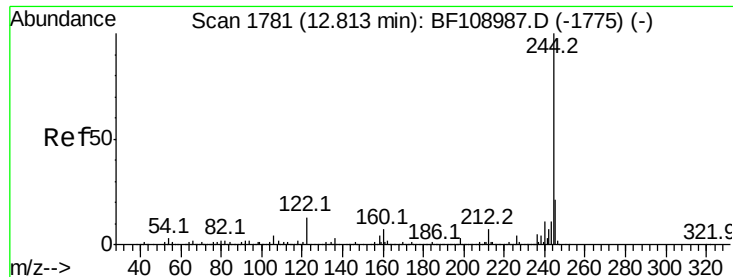
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.5	12.7
80	11.3	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109199.D
Acq: 20 Sep 2018 23:06

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.1	9.5	14.3
236	26.0	20.7	31.1





#78

Terphenyl-d14

Concen: 36.501 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

Instrument :

BNA_F

ClientSampleId :

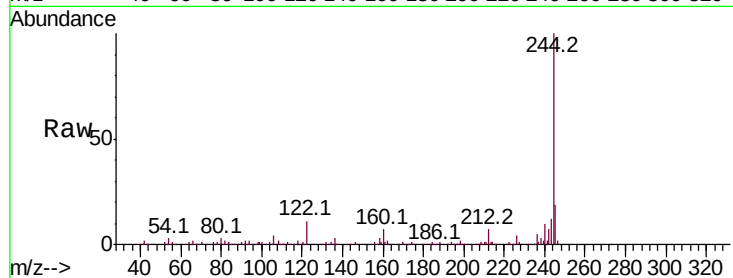
Tot Ion:244 Resp: 248696

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

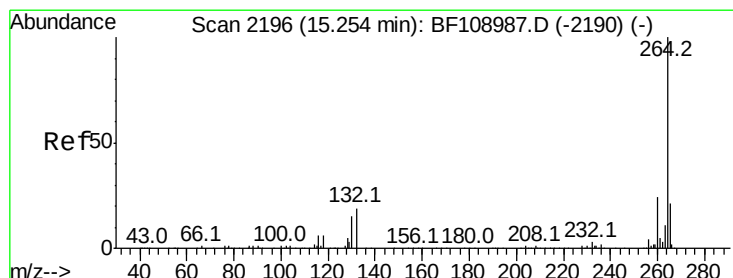
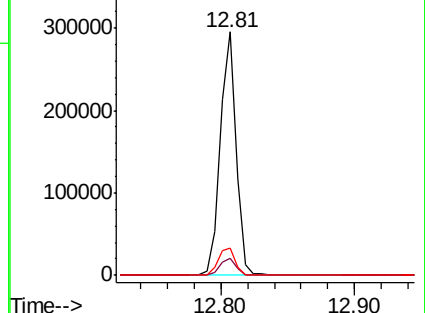
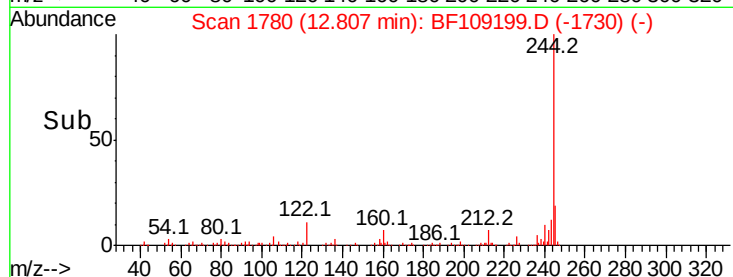
122 11.2 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109199.D

Acq: 20 Sep 2018 23:06

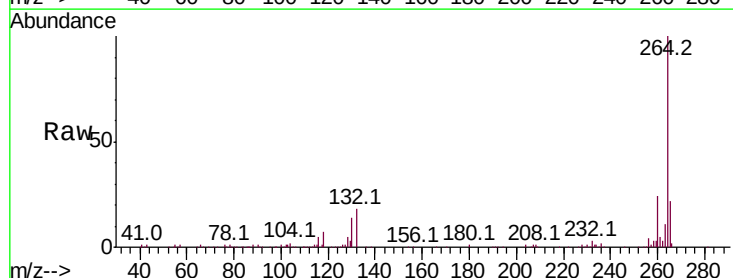
Tgt Ion:264 Resp: 191682

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.0 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

