

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092018\
 Data File : BF109187.D
 Acq On : 20 Sep 2018 17:45
 Operator : JU/SJ
 Sample : J4982-01 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 20 18:09:24 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

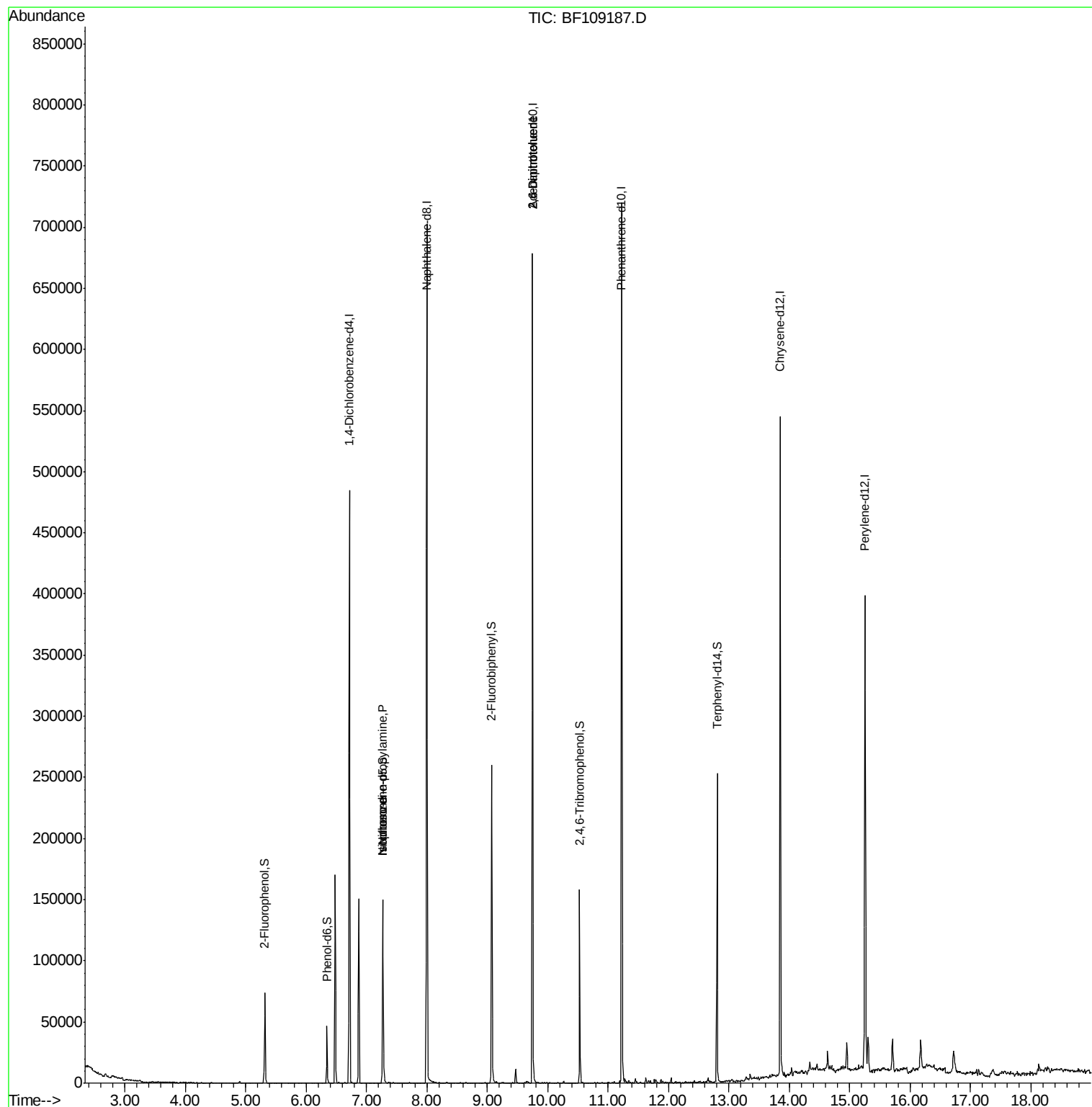
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	57916	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	274047	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	130948	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	250510	20.00	ng	0.00
75) Chrysene-d12	13.85	240	174502	20.00	ng	-0.01
86) Perylene-d12	15.25	264	170809	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	19819	5.68	ng	0.00
7) Phenol-d6	6.34	99	15641	3.48	ng	-0.02
23) Nitrobenzene-d5	7.27	82	45845	9.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	16595	11.68	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	84186	10.07	ng	-0.01
78) Terphenyl-d14	12.81	244	89442	12.15	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	6031	2.029	ng	# 84
25) Isophorone	7.27	82	45737	5.446	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	16265	7.836	ng	# 25
56) 2,4-Dinitrotoluene	9.75	165	16265	5.992	ng	# 23

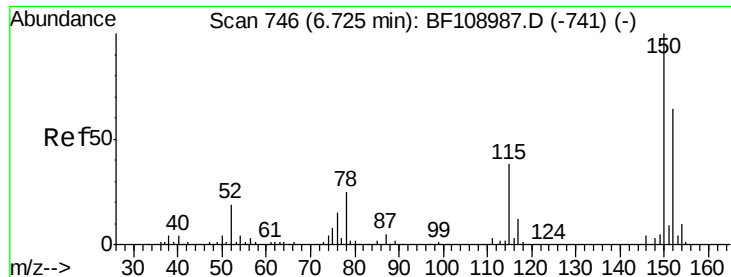
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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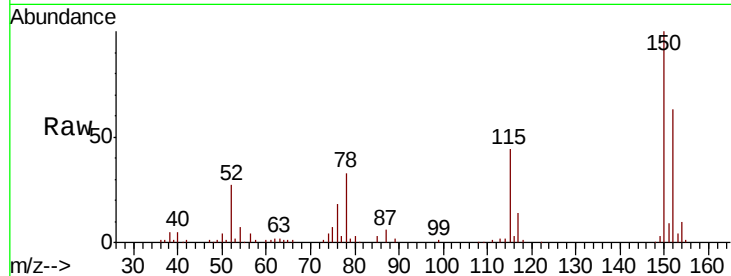


#1

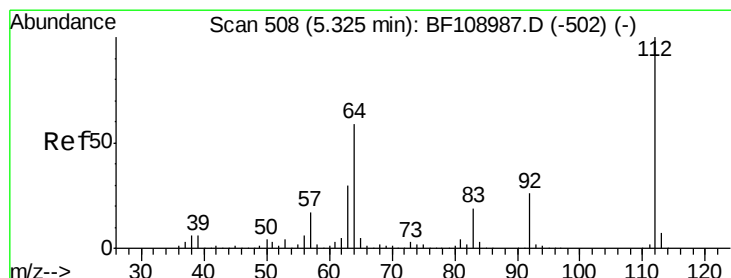
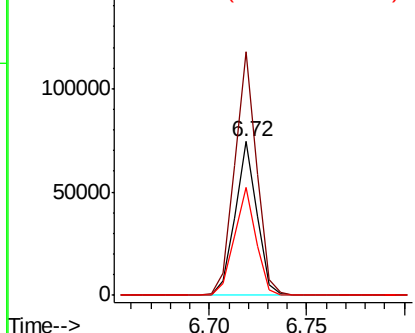
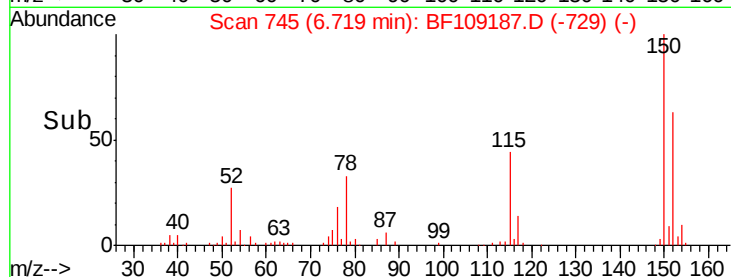
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF109187.D
Acq: 20 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57916
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 70.1 50.1 75.1



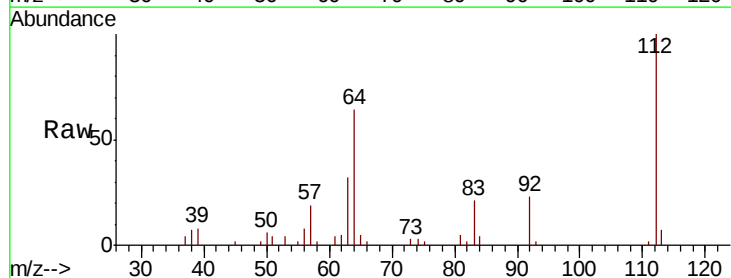
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



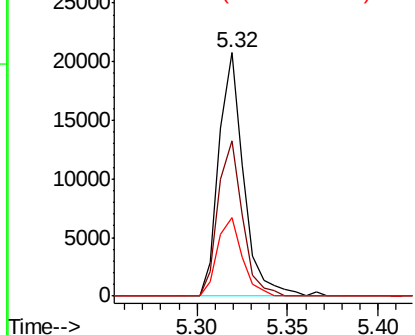
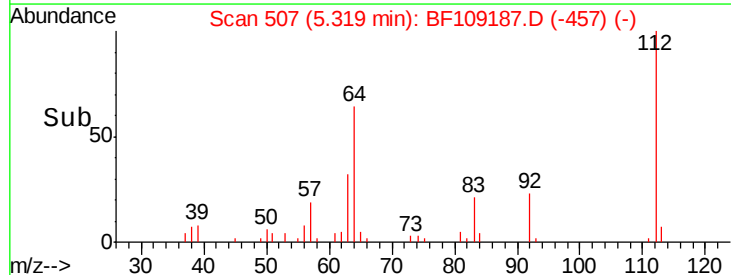
#5

2-Fluorophenol
Concen: 5.684 ng
RT: 5.32 min Scan# 507
Delta R.T. -0.01 min
Lab File: BF109187.D
Acq: 20 Sep 2018 17:45

Tgt Ion:112 Resp: 19819
Ion Ratio Lower Upper
112 100
64 63.8 47.9 71.9
63 32.0 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: 3.479 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109187.D

Acq: 20 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

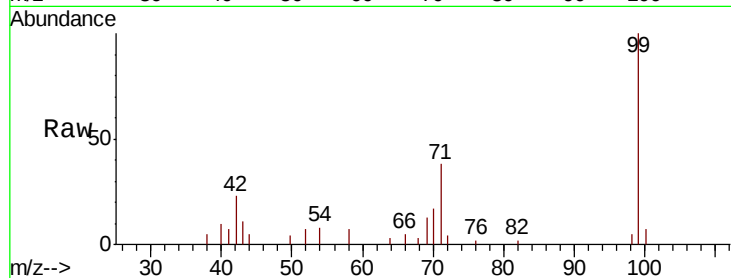
Tot Ion: 99 Resp: 15641

Ion Ratio Lower Upper

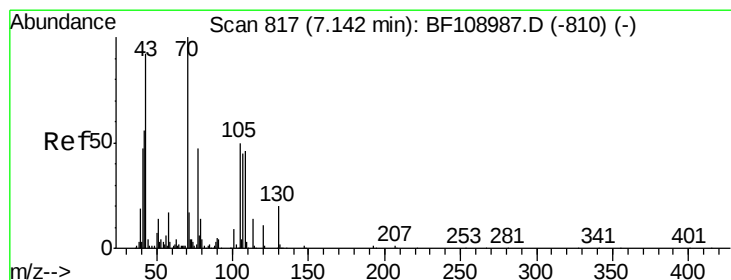
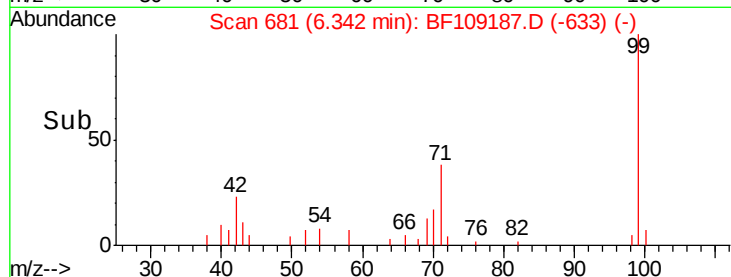
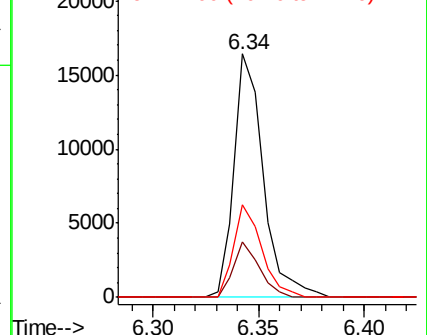
99 100

42 22.8 14.5 21.7#

71 38.3 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: 2.029 ng

RT: 7.27 min Scan# 839

Delta R.T. 0.13 min

Lab File: BF109187.D

Acq: 20 Sep 2018 17:45

Tgt Ion: 70 Resp: 6031

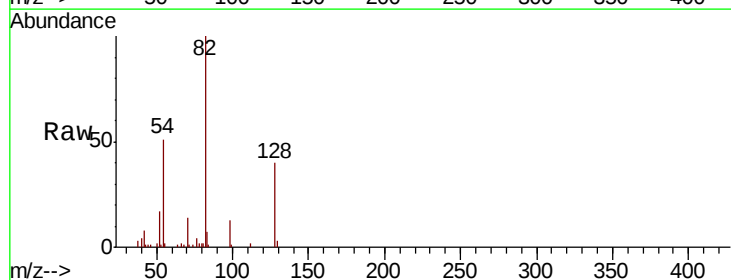
Ion Ratio Lower Upper

70 100

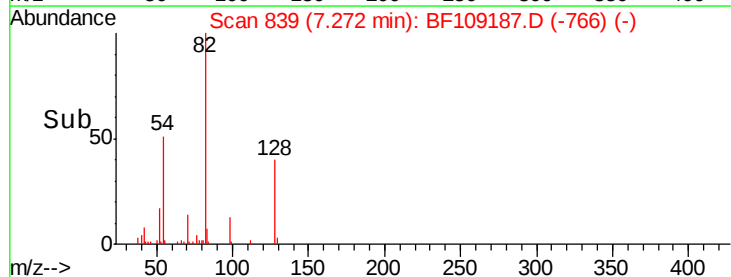
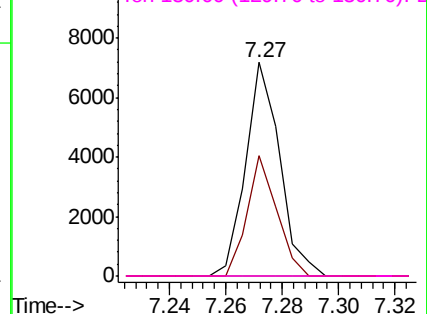
42 56.5 47.5 71.3

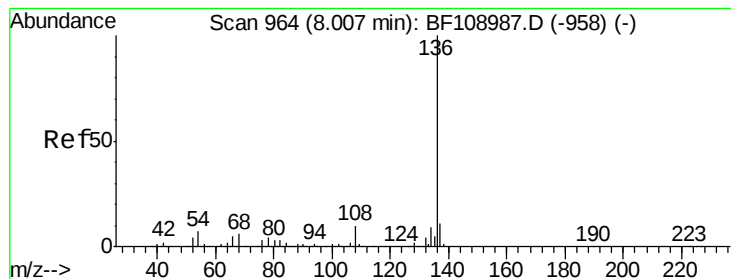
101 0.0 7.4 11.2#

130 0.0 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: BF109187.D

Acq: 20 Sep 2018 17:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 274047

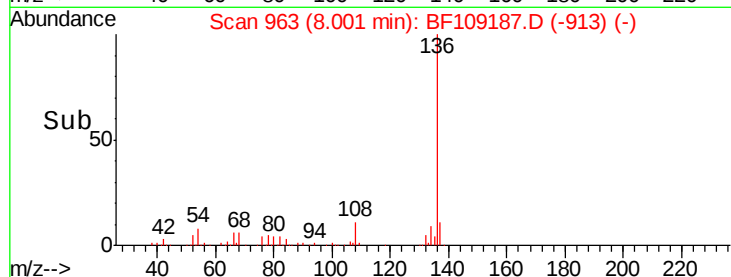
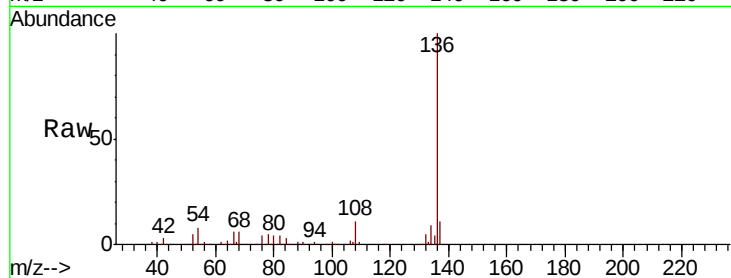
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 6.0 5.0 7.4

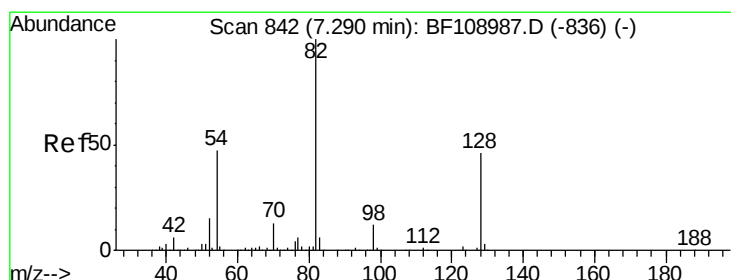
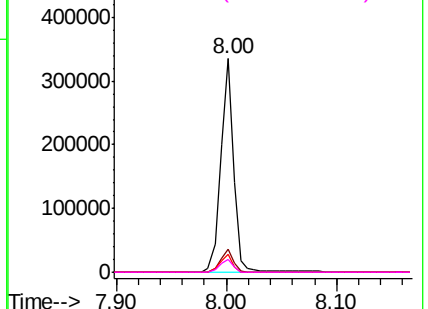


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 9.383 ng

RT: 7.27 min Scan# 839

Delta R.T. -0.02 min

Lab File: BF109187.D

Acq: 20 Sep 2018 17:45

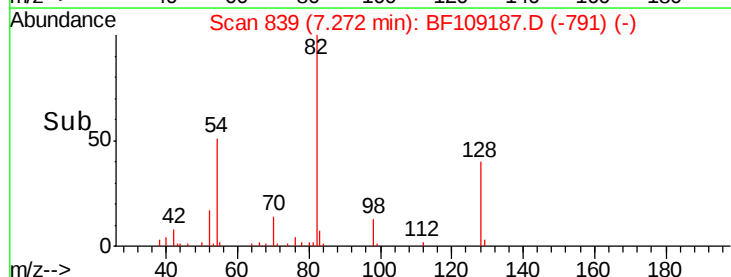
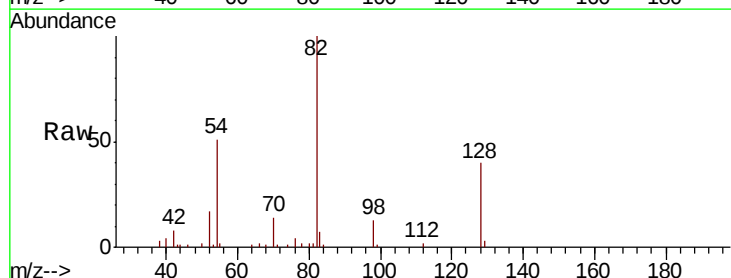
Tgt Ion: 82 Resp: 45845

Ion Ratio Lower Upper

82 100

128 39.6 36.1 54.1

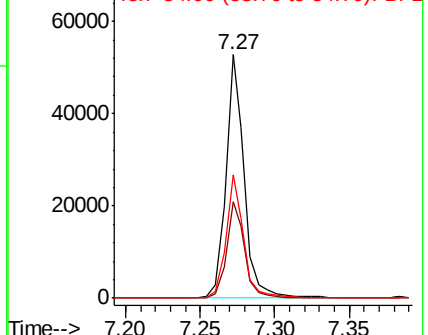
54 50.6 41.4 62.2

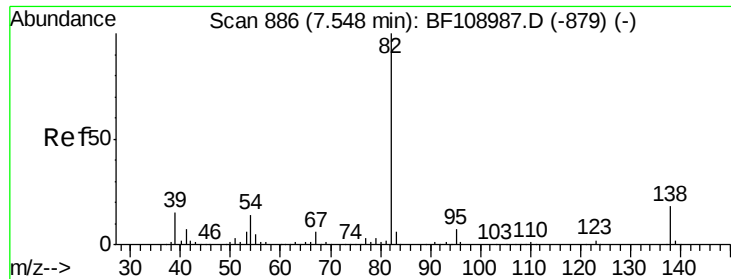


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

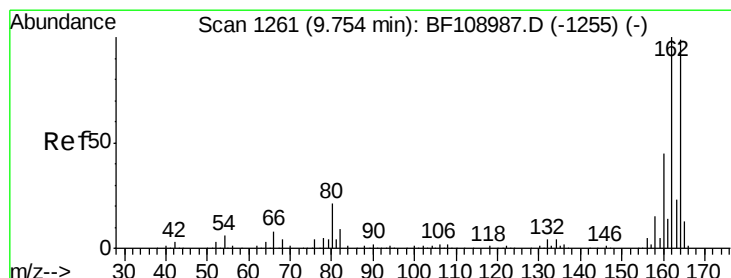
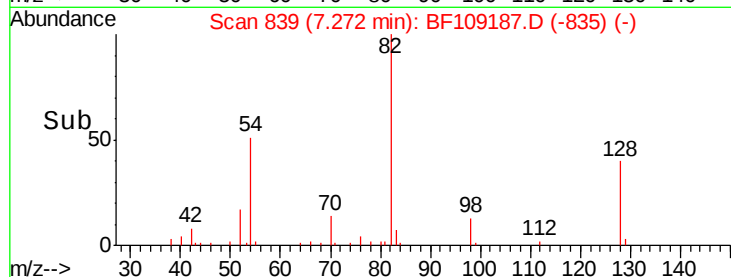
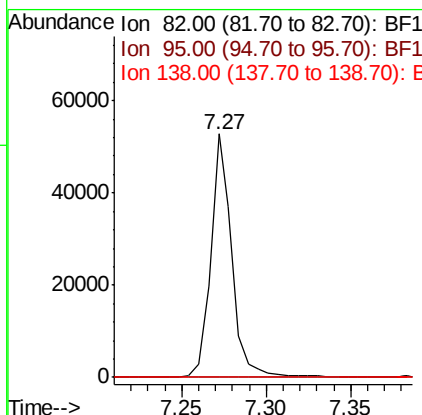
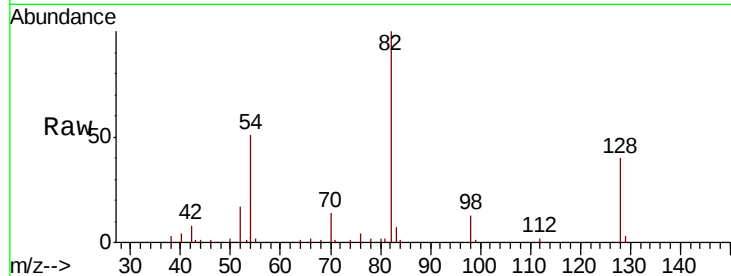




#25
Isophorone
Concen: 5.446 ng
RT: 7.27 min Scan# 839
Delta R.T. -0.28 min
Lab File: BF109187.D
Acq: 20 Sep 2018 17:45

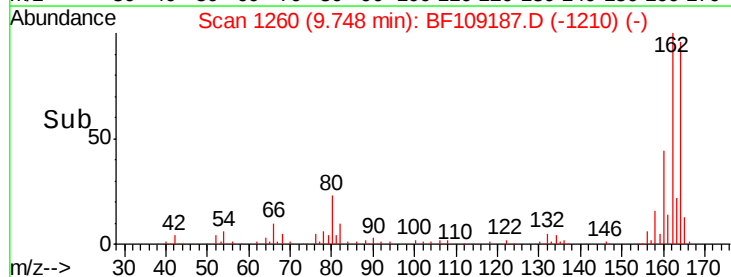
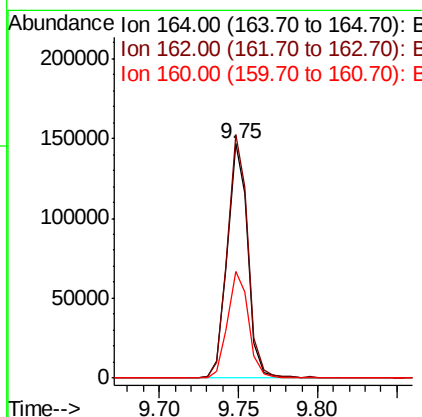
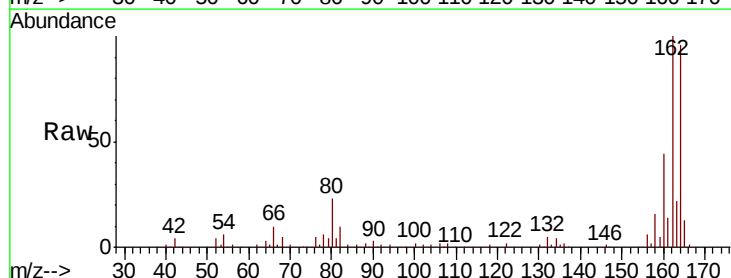
Instrument :
BNA_F
ClientSampleId :

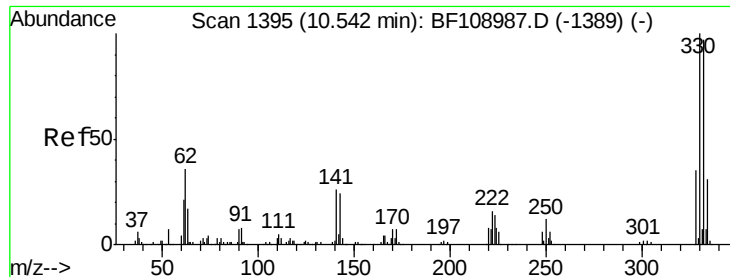
Tot Ion: 82 Resp: 45737
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BF109187.D
Acq: 20 Sep 2018 17:45

Tgt Ion:164 Resp: 130948
Ion Ratio Lower Upper
164 100
162 103.8 86.1 129.1
160 45.6 38.3 57.5

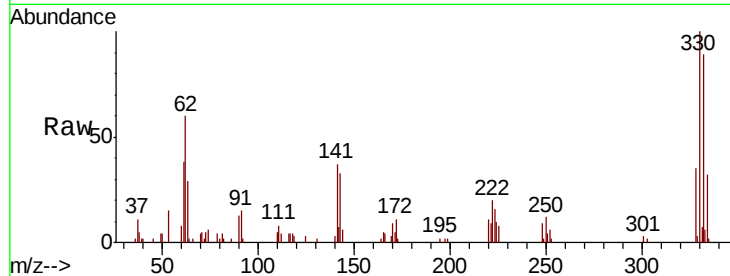




#41
 2,4,6-Tribromophenol
 Concen: 11.677 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109187.D
 Acq: 20 Sep 2018 17:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	92.3	77.0	115.6
141	36.0	29.9	44.9

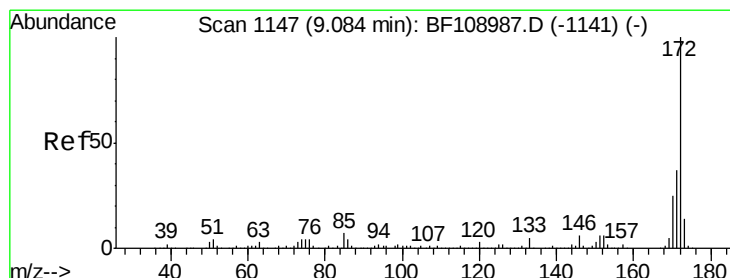
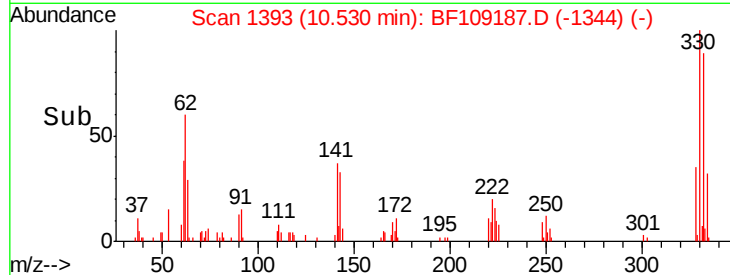
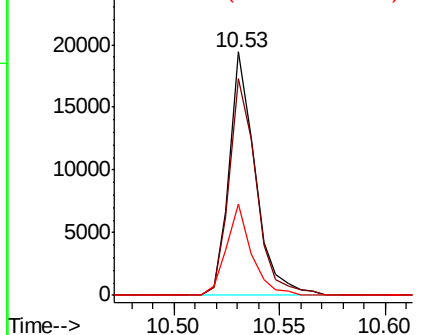


Abundance

Ion 329.80 (329.50 to 330.50): E

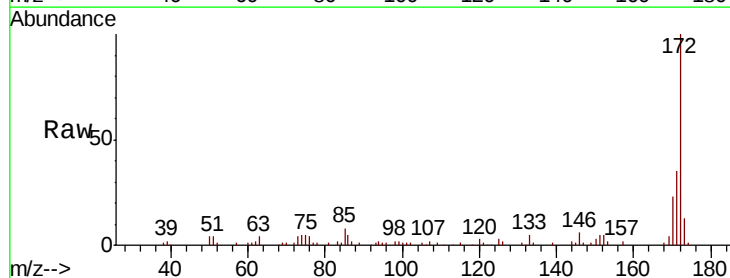
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 10.072 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF109187.D
 Acq: 20 Sep 2018 17:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.7	44.5
170	23.2	19.6	29.4

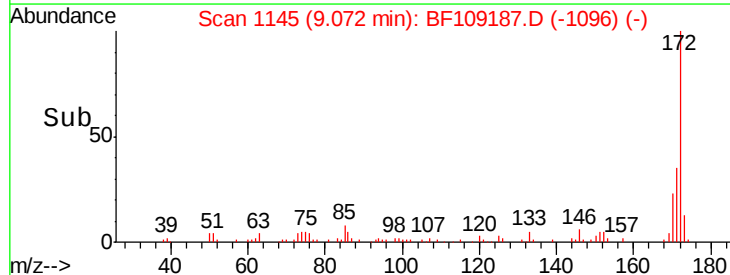
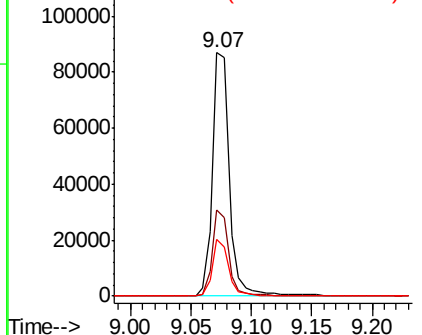


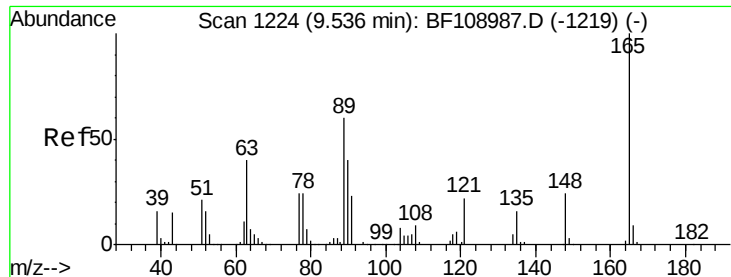
Abundance

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

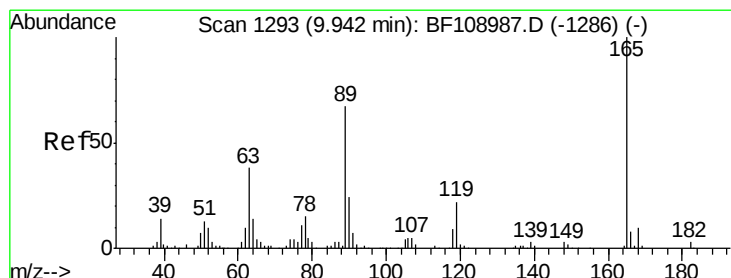
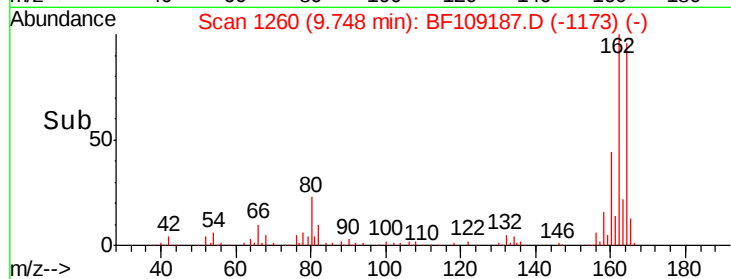
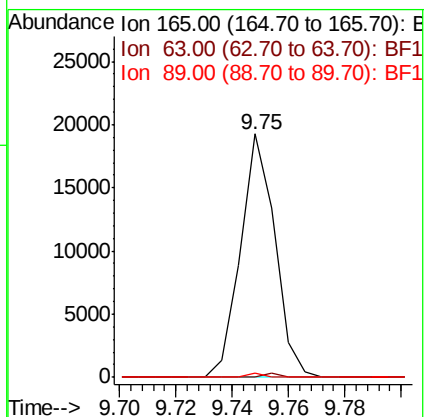
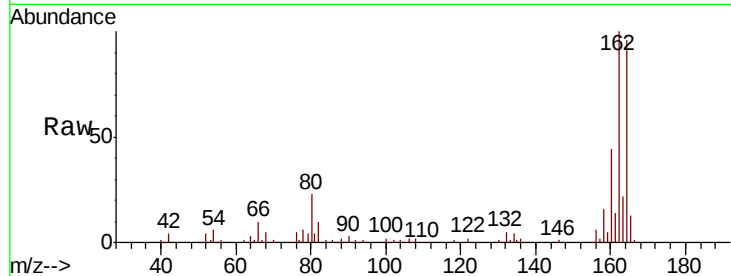




#50
 2,6-Dinitrotoluene
 Concen: 7.836 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109187.D
 Acq: 20 Sep 2018 17:45

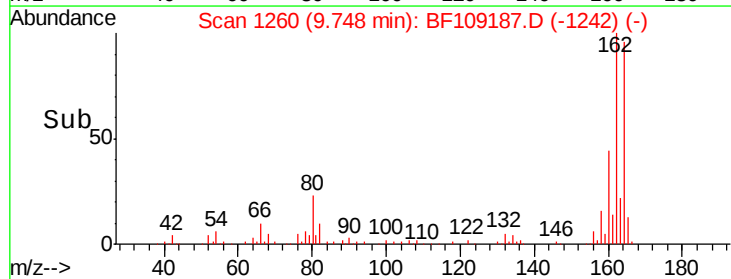
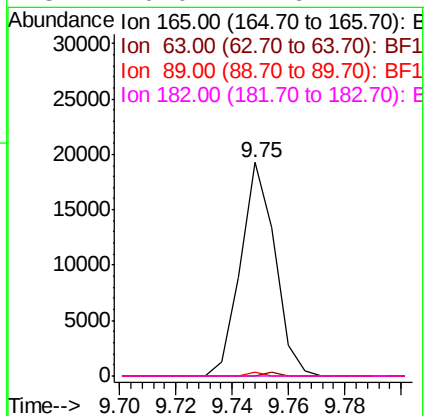
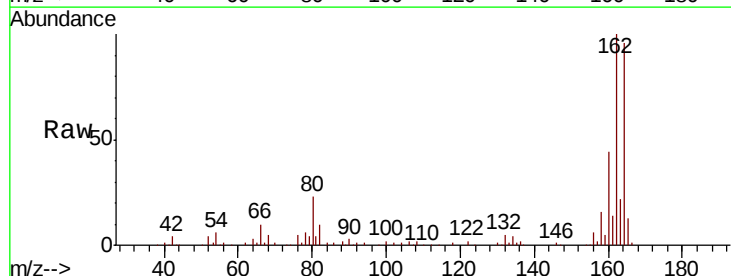
Instrument :
 BNA_F
 ClientSampled :

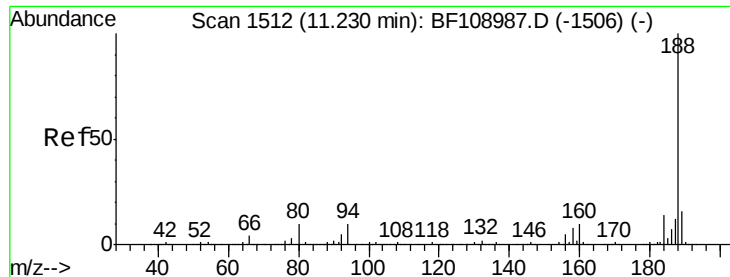
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.6	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 5.992 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109187.D
 Acq: 20 Sep 2018 17:45

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

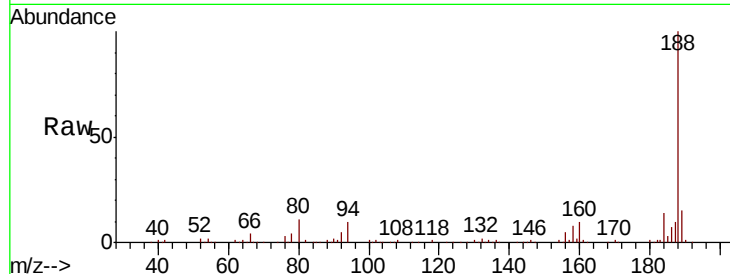




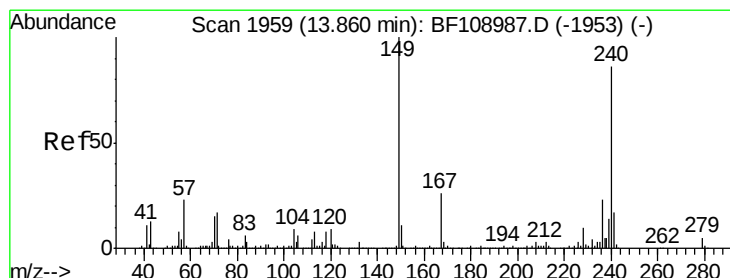
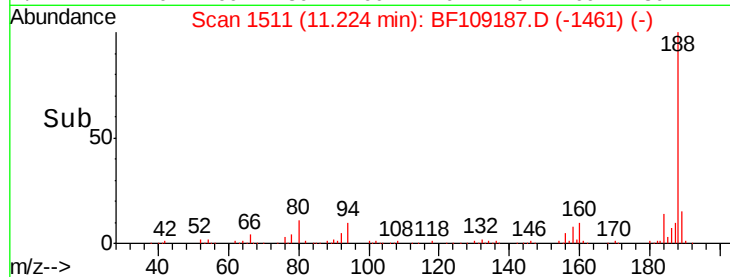
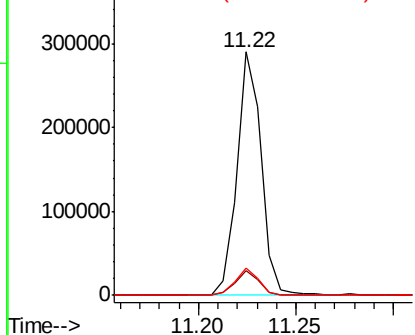
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1511
Delta R.T. -0.01 min
Lab File: BF109187.D
Acq: 20 Sep 2018 17:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.4	9.2	13.8

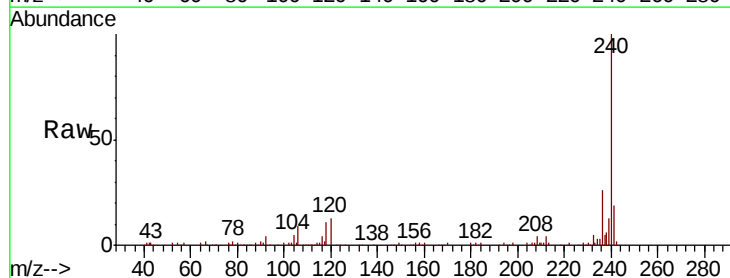


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

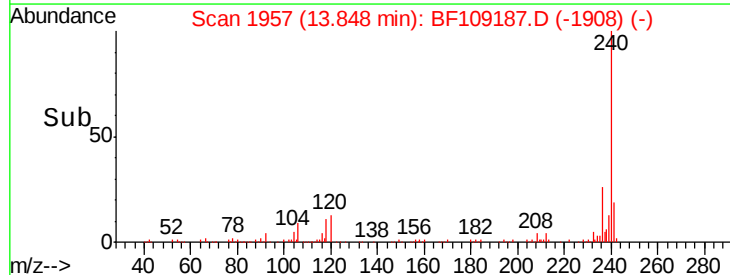
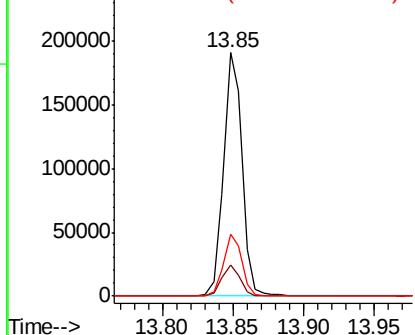


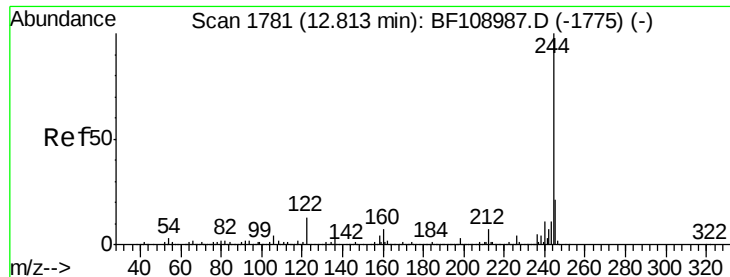
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.85 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BF109187.D
Acq: 20 Sep 2018 17:45

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.5	14.3
236	25.7	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: 12.149 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109187.D

Acq: 20 Sep 2018 17:45

Instrument :

BNA_F

ClientSampleId :

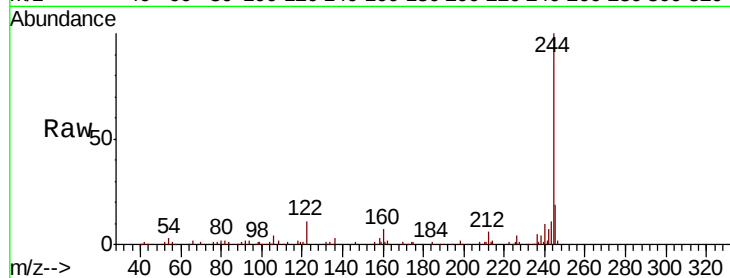
Tot Ion:244 Resp: 89442

Ion Ratio Lower Upper

244 100

212 6.1 5.4 8.0

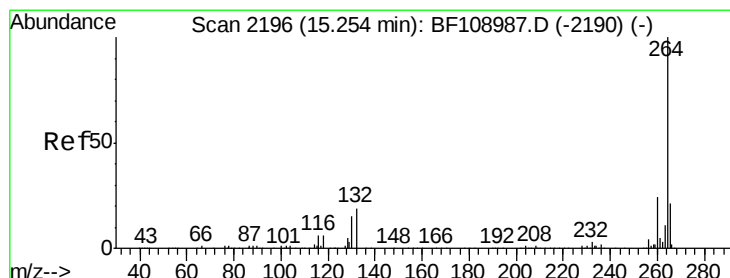
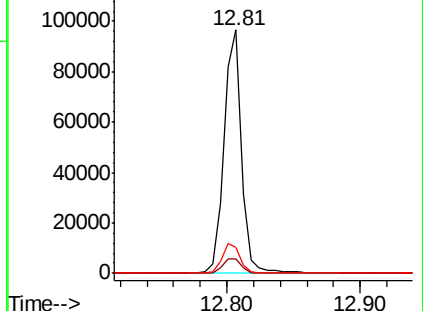
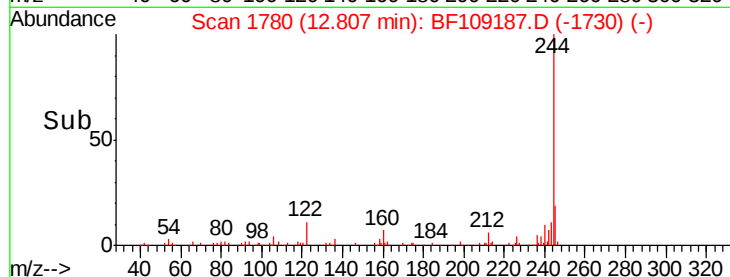
122 10.6 11.0 16.4#



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: 15.25 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BF109187.D

Acq: 20 Sep 2018 17:45

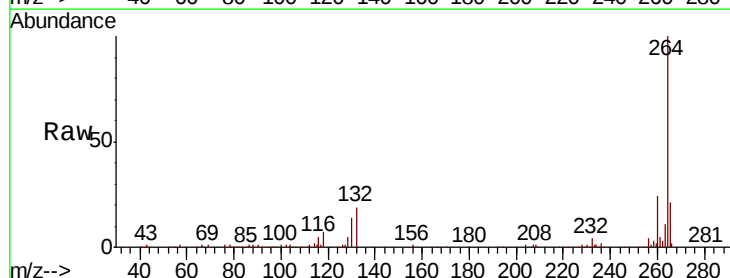
Tgt Ion:264 Resp: 170809

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.2 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

