

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF092018\
 Data File : BF109186.D
 Acq On : 20 Sep 2018 17:19
 Operator : JU/SJ
 Sample : J5001-02 10X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BS-OILY-STONE

Quant Time: Sep 20 17:45:58 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

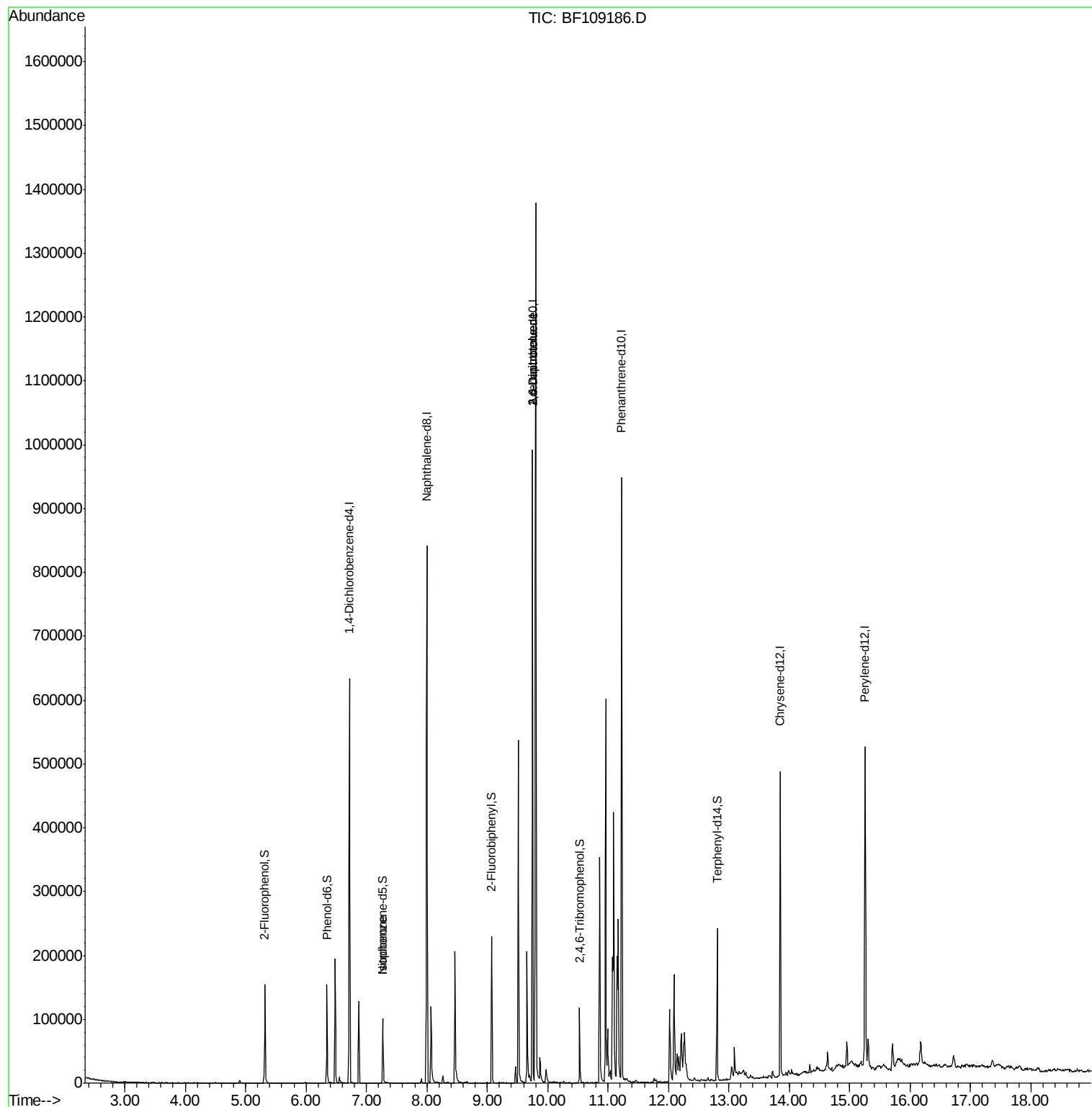
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	78763	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	335856	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	180285	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	316418	20.00	ng	0.00
75) Chrysene-d12	13.85	240	157973	20.00	ng	-0.01
86) Perylene-d12	15.25	264	217913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	37974	8.01	ng	0.00
7) Phenol-d6	6.34	99	53665	8.78	ng	-0.02
23) Nitrobenzene-d5	7.27	82	31094	5.19	ng	-0.02
41) 2,4,6-Tribromophenol	10.53	330	13507	6.90	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	69996	6.08	ng	-0.01
78) Terphenyl-d14	12.81	244	87995	13.20	ng	0.00
Target Compounds						
25) Isophorone	7.27	82	31094	3.021	ng	# 64
50) 2,6-Dinitrotoluene	9.75	165	22387	7.834	ng	# 26
56) 2,4-Dinitrotoluene	9.75	165	22387	5.990	ng	# 23

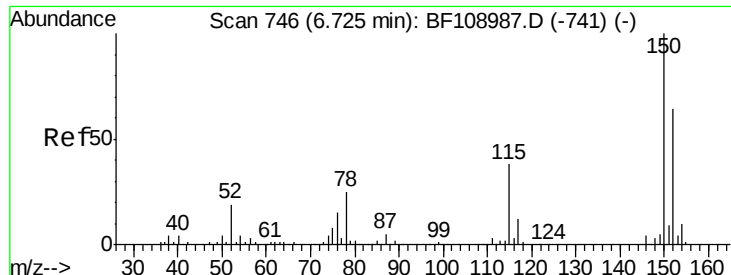
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF109186.D

Acq: 20 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

BS-OILY-STONE

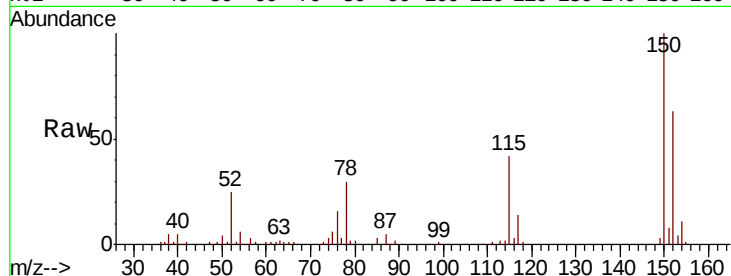
Tgt Ion:152 Resp: 78763

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

115 66.4 50.1 75.1

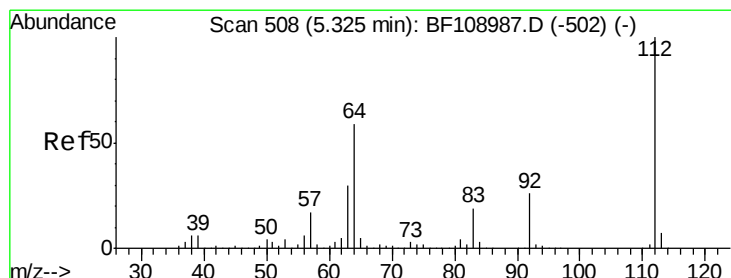
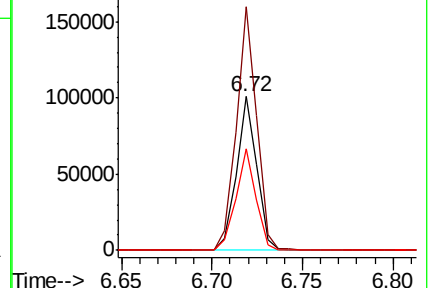
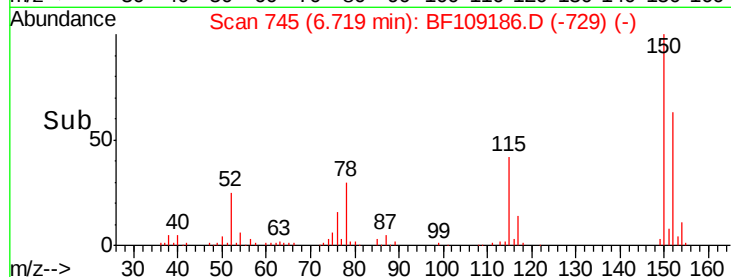


Abundance

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: 8.008 ng

RT: 5.32 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF109186.D

Acq: 20 Sep 2018 17:19

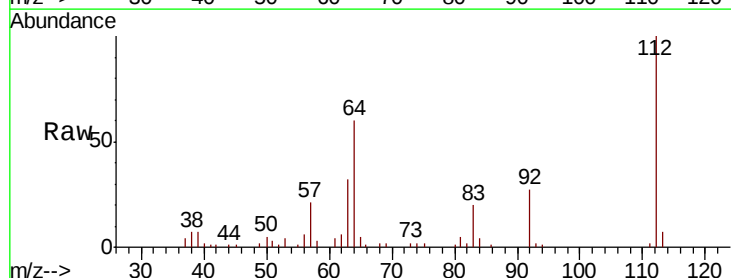
Tgt Ion:112 Resp: 37974

Ion Ratio Lower Upper

112 100

64 60.1 47.9 71.9

63 32.1 23.7 35.5

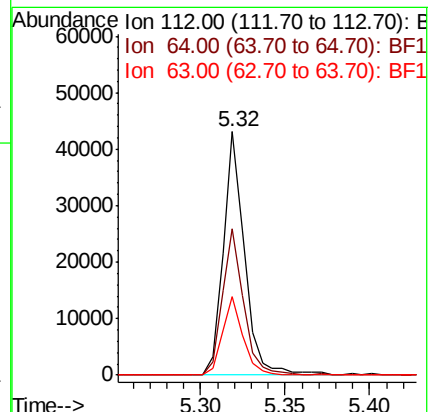
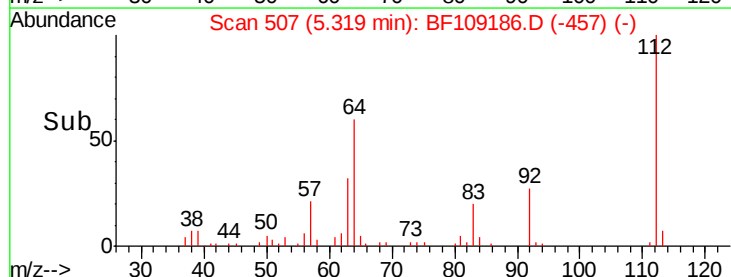


Abundance

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: 8.776 ng

RT: 6.34 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF109186.D

Acq: 20 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

BS-OILY-STONE

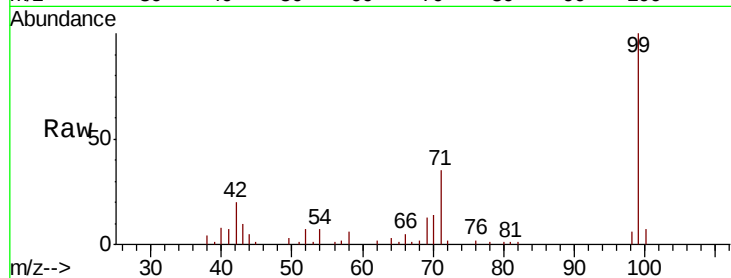
Tgt Ion: 99 Resp: 53665

Ion Ratio Lower Upper

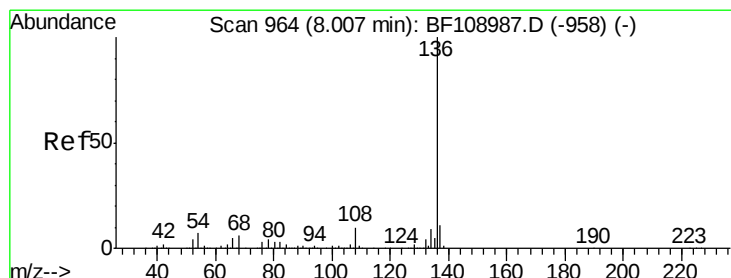
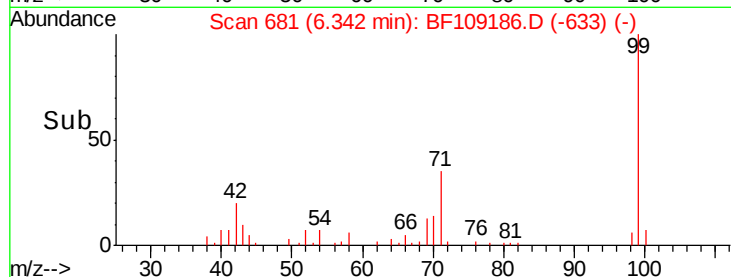
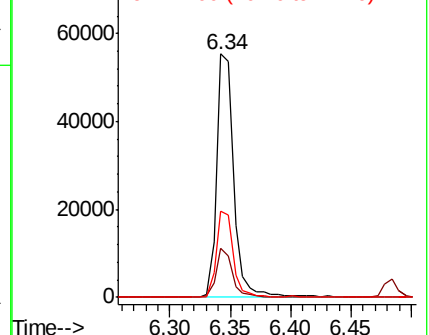
99 100

42 20.2 14.5 21.7

71 35.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.00 min Scan# 963

Delta R.T. -0.01 min

Lab File: BF109186.D

Acq: 20 Sep 2018 17:19

Tgt Ion: 136 Resp: 335856

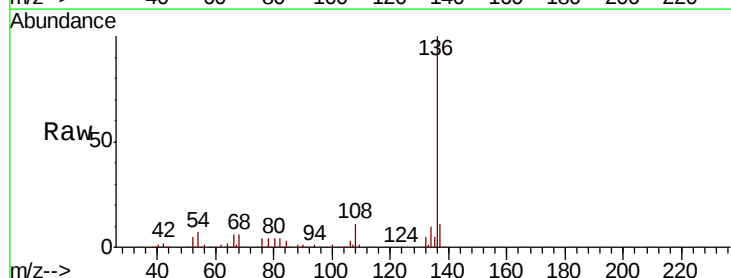
Ion Ratio Lower Upper

136 100

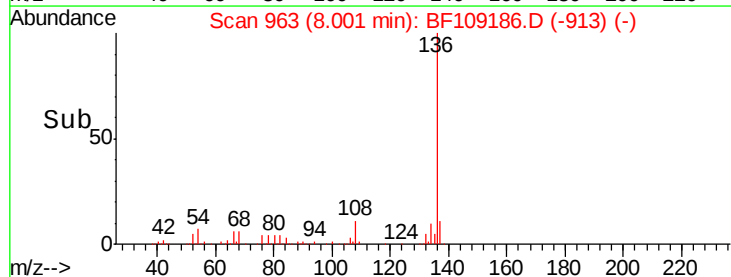
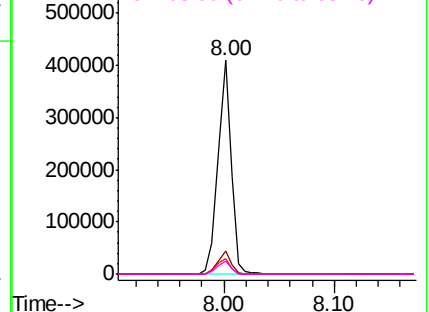
137 10.5 8.9 13.3

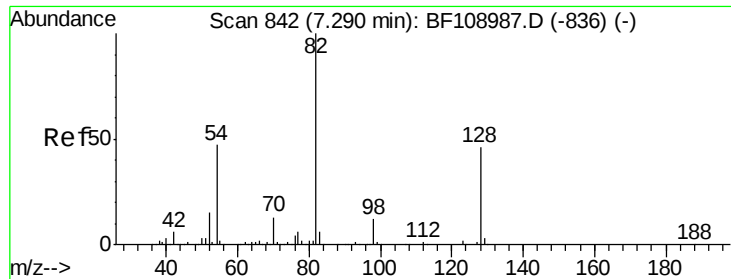
54 7.5 6.6 9.8

68 5.9 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

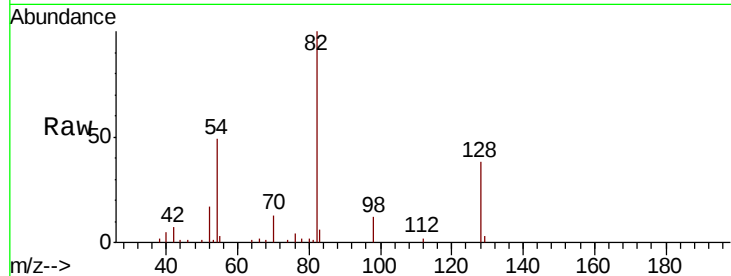




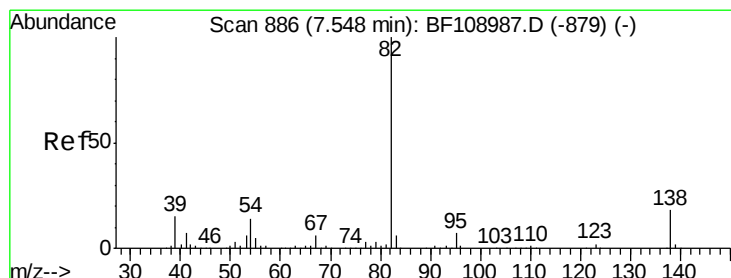
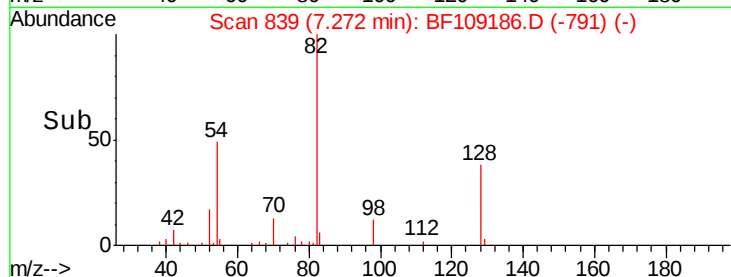
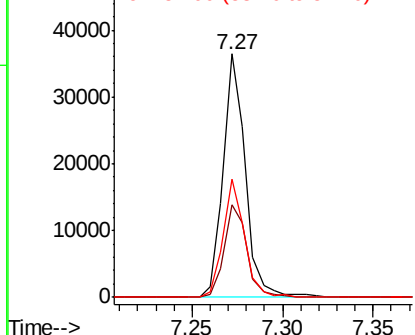
#23
 Nitrobenzene-d5
 Concen: 5.193 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.02 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 BS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.0	36.1	54.1
54	48.5	41.4	62.2

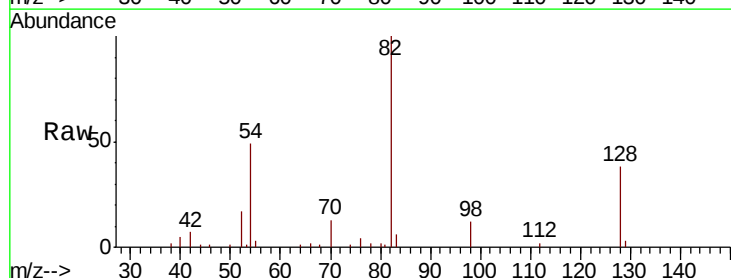


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

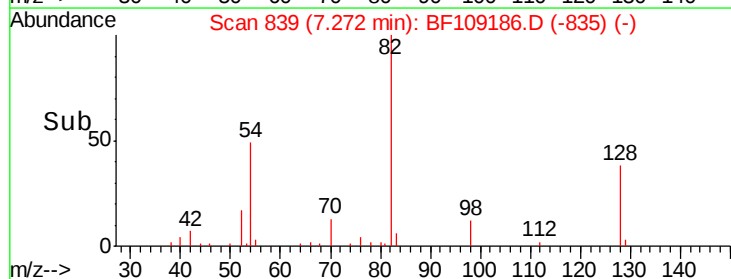
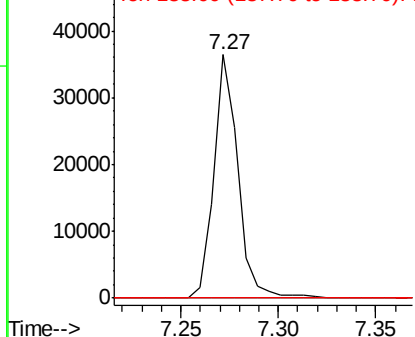


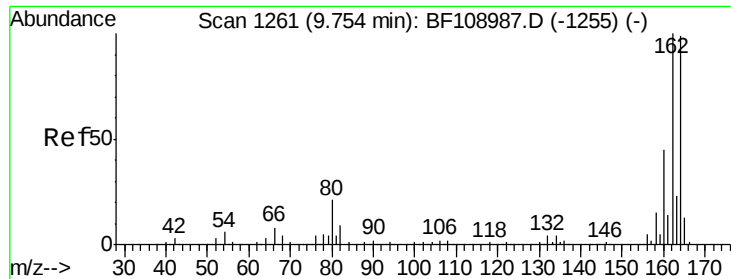
#25
 Isophorone
 Concen: 3.021 ng
 RT: 7.27 min Scan# 839
 Delta R.T. -0.28 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Tgt 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

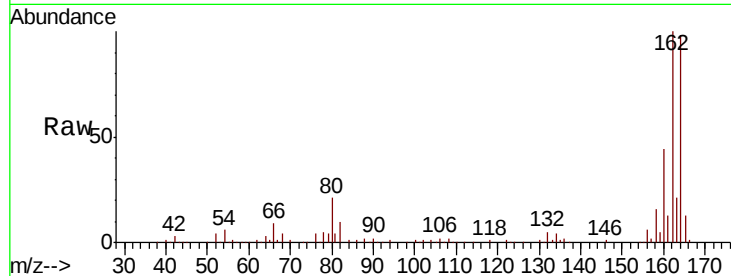




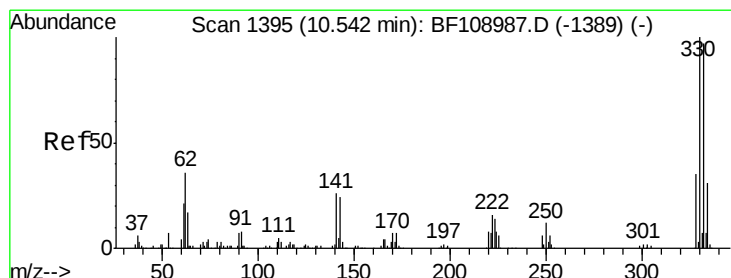
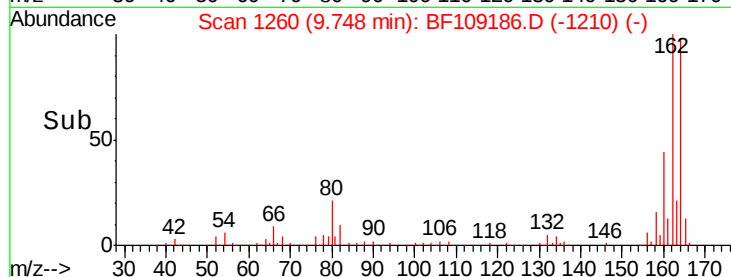
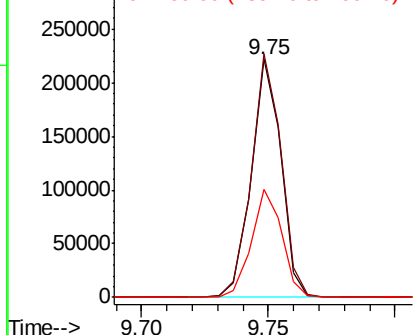
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.01 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Instrument :
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 ClientSampleId :
 BS-OILY-STONE

Tgt Ion:164 Resp: 180285
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 45.2 38.3 57.5

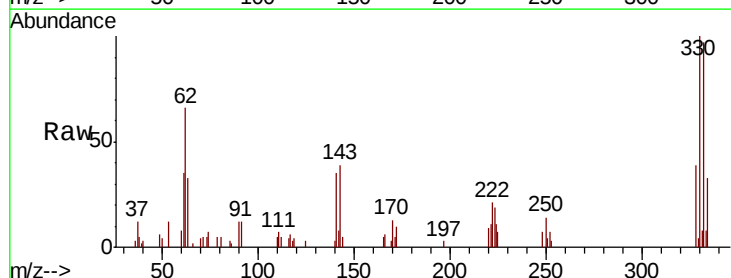


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

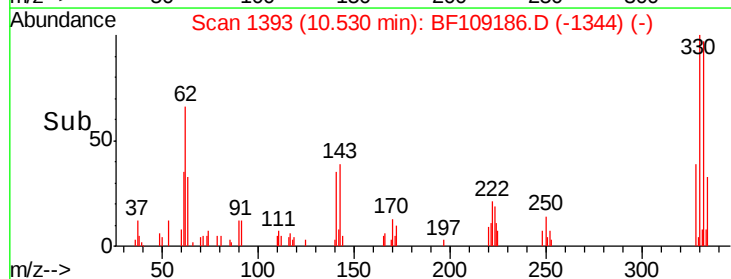
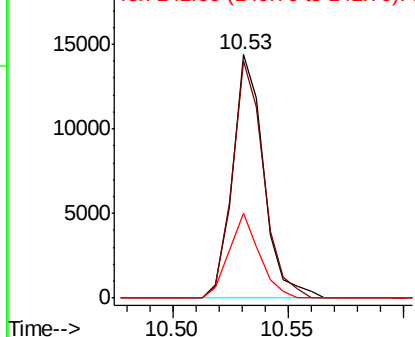


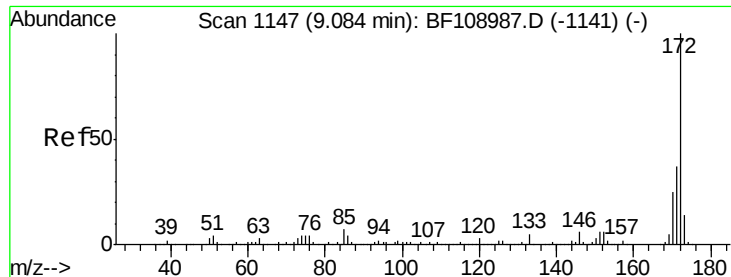
#41
 2,4,6-Tribromophenol
 Concen: 6.903 ng
 RT: 10.53 min Scan# 1393
 Delta R.T. -0.01 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Tgt Ion:330 Resp: 13507
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 34.1 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

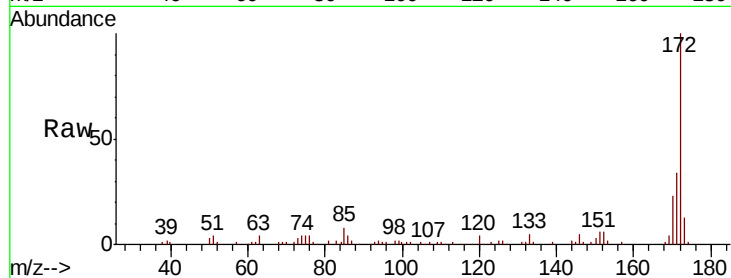




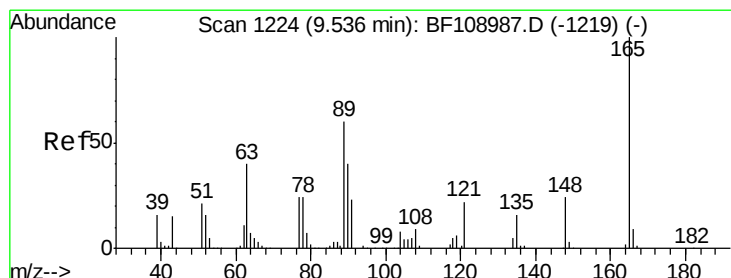
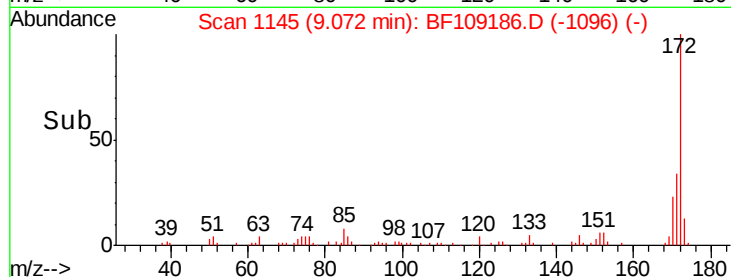
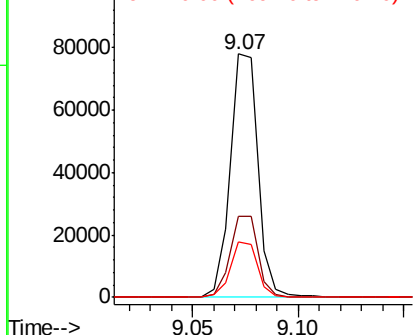
#44
 2-Fluorobiphenyl
 Concen: 6.083 ng
 RT: 9.07 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Instrument :
 BNA_F
 ClientSampleId :
 BS-OILY-STONE

Tgt Ion:172 Resp: 69996
 Ion Ratio Lower Upper
 172 100
 171 33.5 29.7 44.5
 170 22.8 19.6 29.4

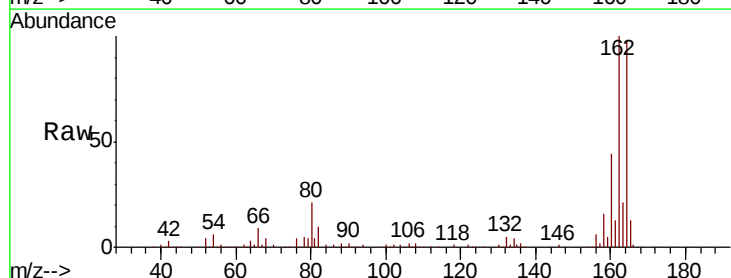


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

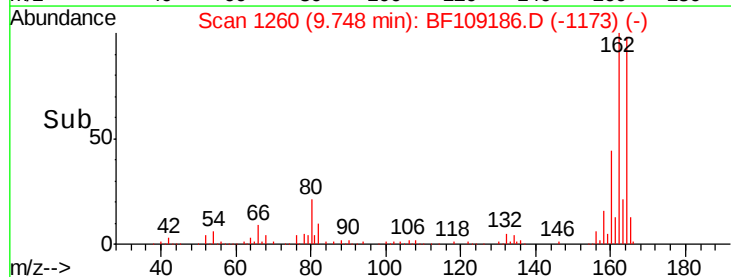
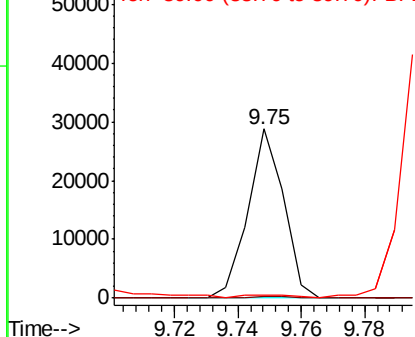


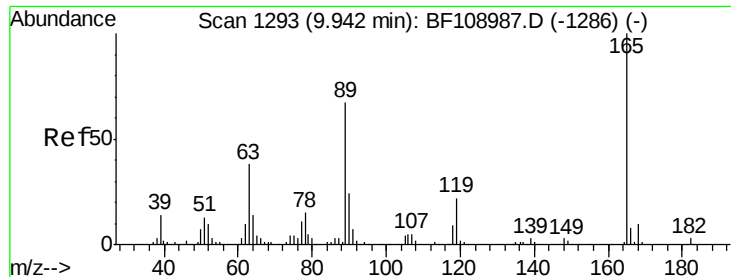
#50
 2,6-Dinitrotoluene
 Concen: 7.834 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. 0.21 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Tgt Ion:165 Resp: 22387
 Ion Ratio Lower Upper
 165 100
 63 1.2 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

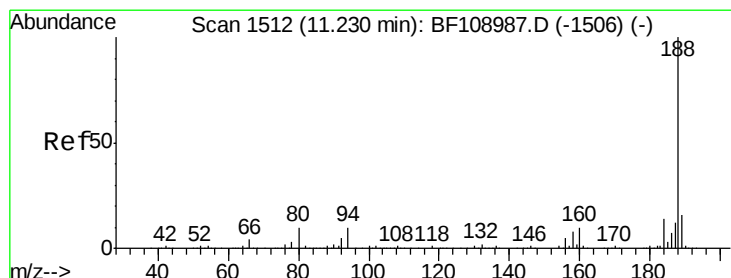
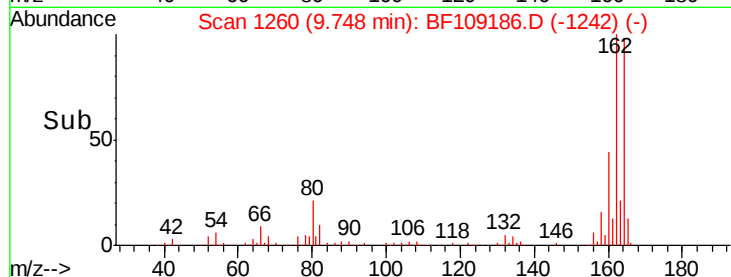
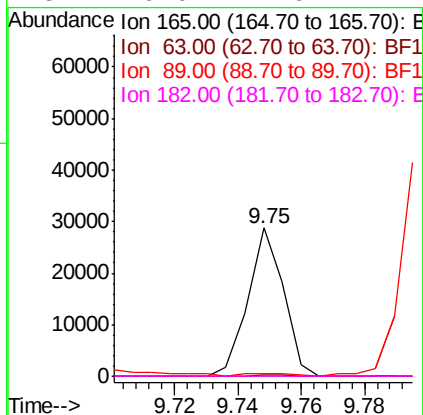
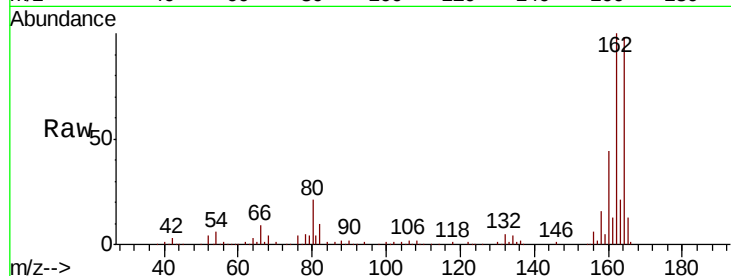




#56
 2,4-Dinitrotoluene
 Concen: 5.990 ng
 RT: 9.75 min Scan# 1260
 Delta R.T. -0.19 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

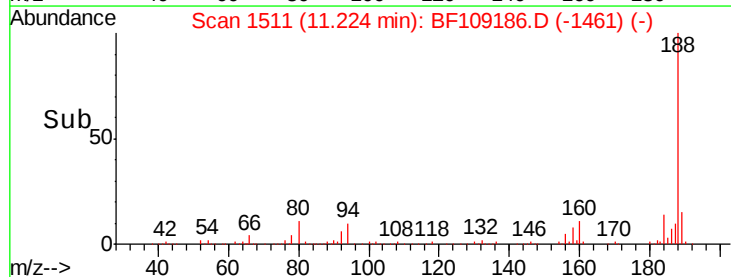
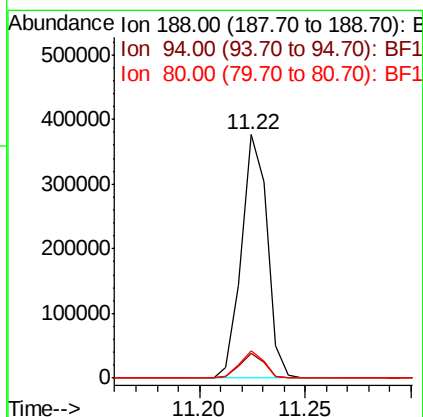
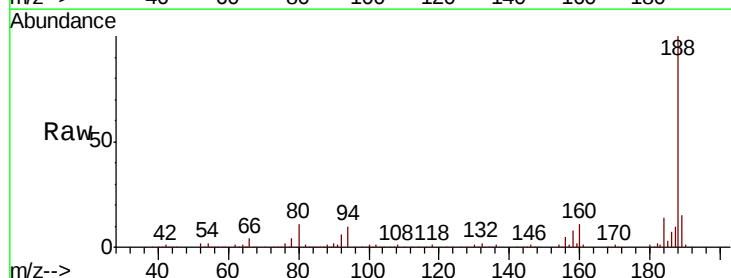
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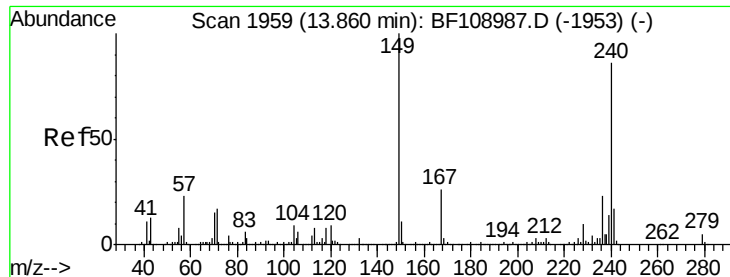
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	36.4	54.6#
89	1.6	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.22 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF109186.D
 Acq: 20 Sep 2018 17:19

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.2	8.5	12.7
80	11.2	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: BF109186.D

Acq: 20 Sep 2018 17:19

Instrument :

BNA_F

ClientSampleId :

BS-OILY-STONE

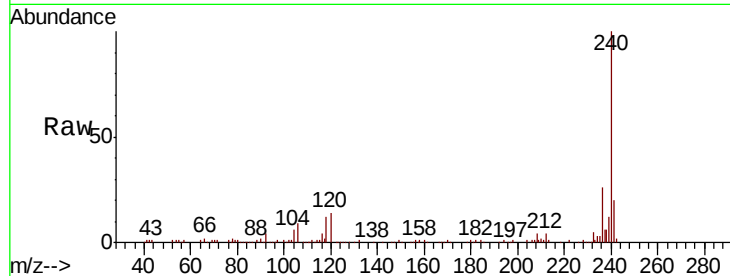
Tgt Ion:240 Resp: 157973

Ion Ratio Lower Upper

240 100

120 13.5 9.5 14.3

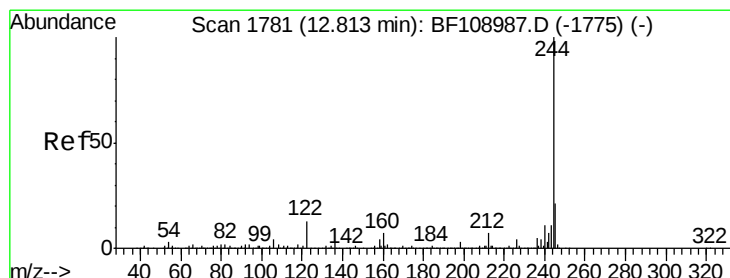
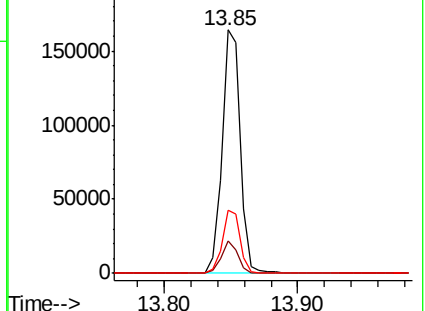
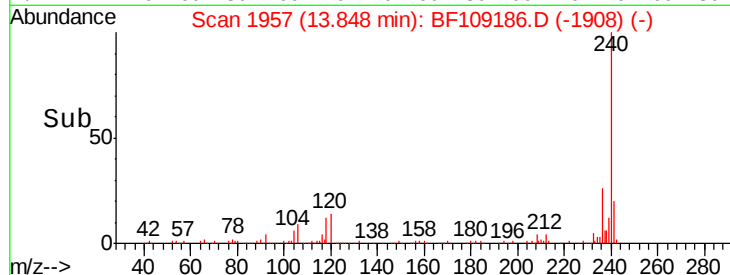
236 26.0 20.7 31.1



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: 13.203 ng

RT: 12.81 min Scan# 1780

Delta R.T. -0.01 min

Lab File: BF109186.D

Acq: 20 Sep 2018 17:19

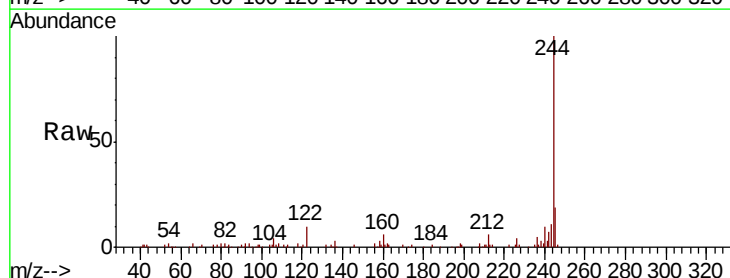
Tgt Ion:244 Resp: 87995

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

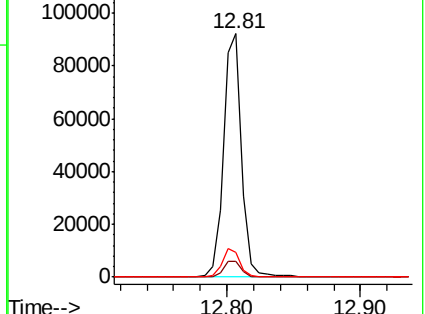
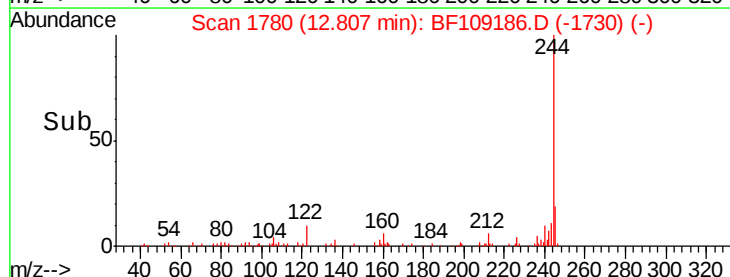
122 10.3 11.0 16.4#

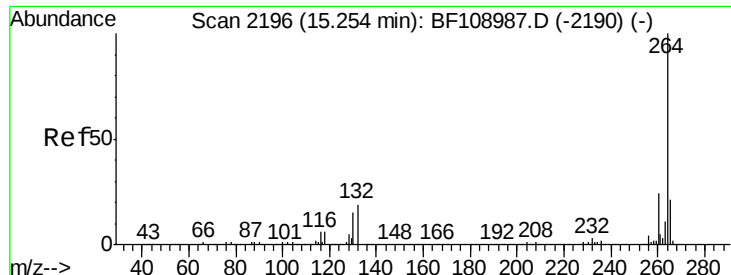


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF109186.D
Acq: 20 Sep 2018 17:19

Instrument :
BNA_F
ClientSampleId :
BS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.4	17.5	26.3

