

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100118\
 Data File : BF109487.D
 Acq On : 1 Oct 2018 21:42
 Operator : JU/SJ
 Sample : J5154-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Oct 02 04:27:04 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

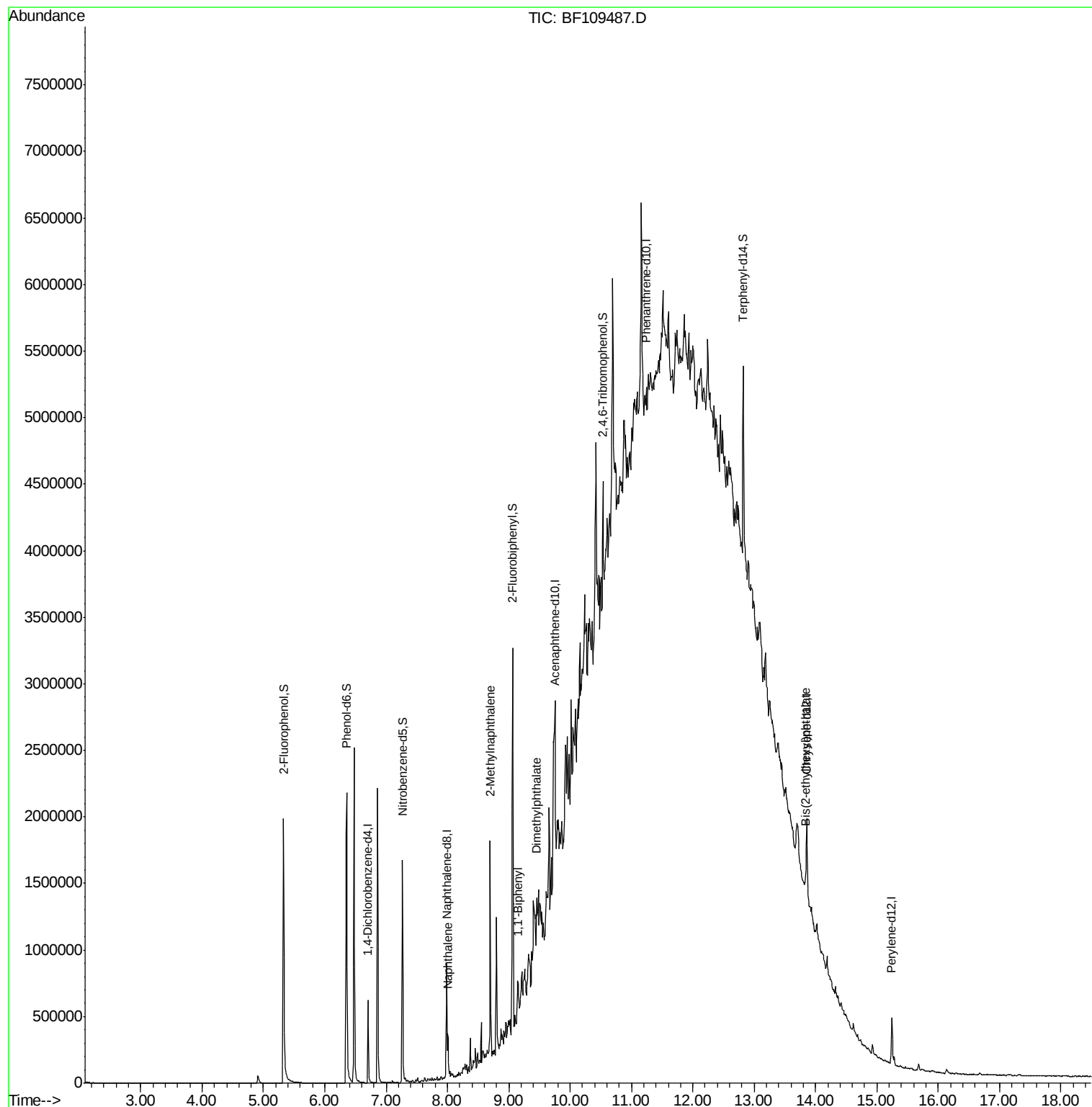
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	99765	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	358951	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	124593	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	153501	20.00	ng	0.02
75) Chrysene-d12	13.86	240	191717	20.00	ng	0.01
86) Perylene-d12	15.25	264	164264	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	734084	121.19	ng	0.01
7) Phenol-d6	6.36	99	913965	118.25	ng	0.00
23) Nitrobenzene-d5	7.27	82	568819	93.55	ng	-0.01
41) 2,4,6-Tribromophenol	10.54	330	139809	113.83	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	950531	115.06	ng	-0.01
78) Terphenyl-d14	12.82	244	589221	75.43	ng	0.02
Target Compounds						
31) Naphthalene	8.01	128	151297	9.020	ng	99
37) 2-Methylnaphthalene	8.70	142	489101	45.232	ng	99
45) 1,1'-Biphenyl	9.16	154	22580	2.224	ng	99
49) Dimethylphthalate	9.46	163	68096	7.514	ng	# 85
83) Bis(2-ethylhexyl)phthalate	13.84	149	33179	4.501	ng	# 94

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

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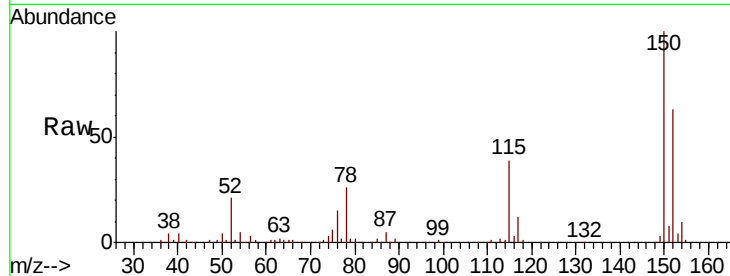


#1

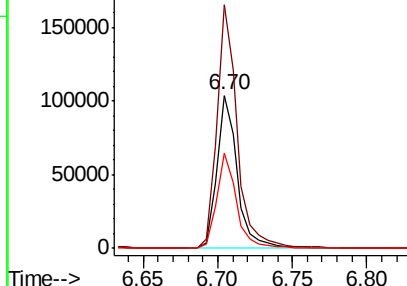
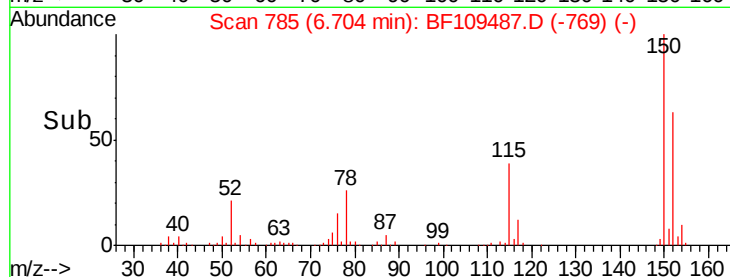
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109487.D
Acq: 1 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 99765
Ion Ratio Lower Upper
152 100
150 159.2 124.6 186.8
115 62.3 50.1 75.1



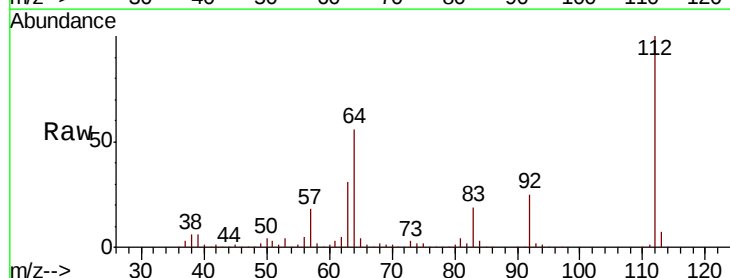
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



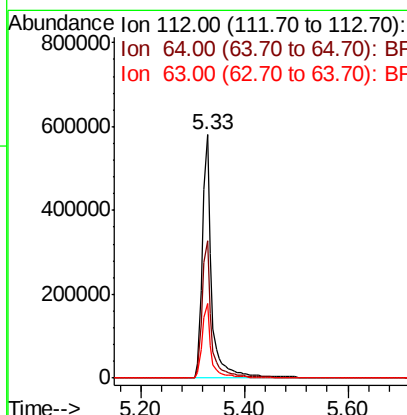
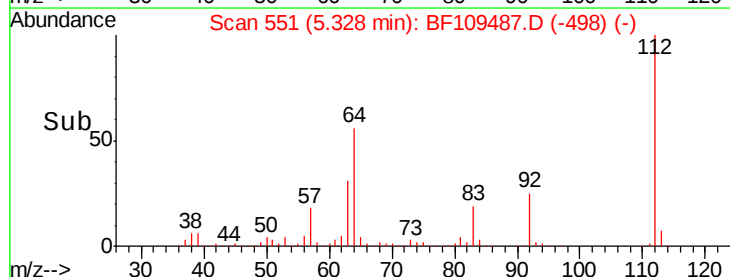
#5

2-Fluorophenol
Concen: 121.194 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF109487.D
Acq: 1 Oct 2018 21:42

Tgt Ion:112 Resp: 734084
Ion Ratio Lower Upper
112 100
64 56.4 47.9 71.9
63 30.8 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: 118.250 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

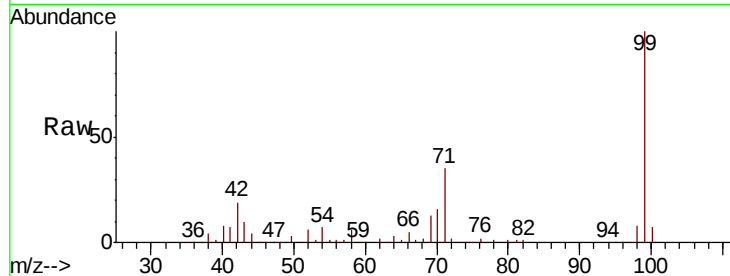
Tot Ion: 99 Resp: 913965

Ion Ratio Lower Upper

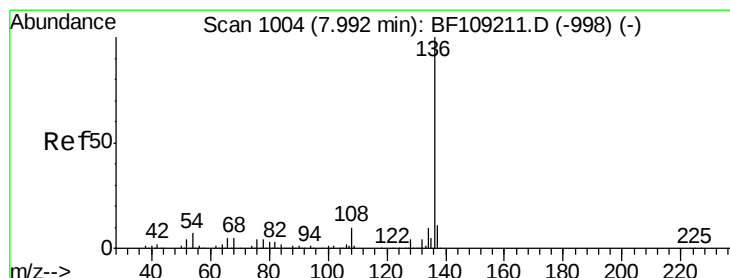
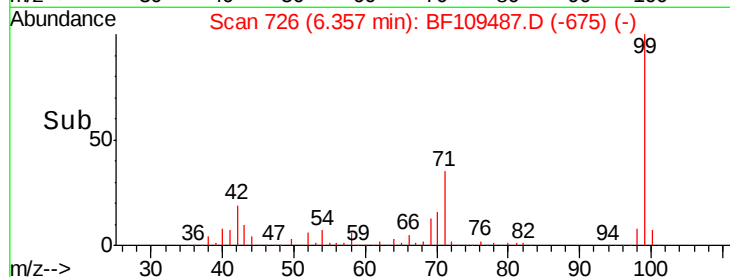
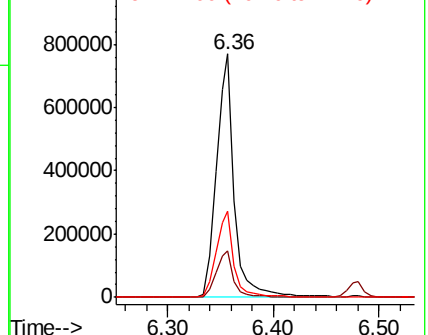
99 100

42 19.0 14.5 21.7

71 35.5 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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

Tgt Ion: 136 Resp: 358951

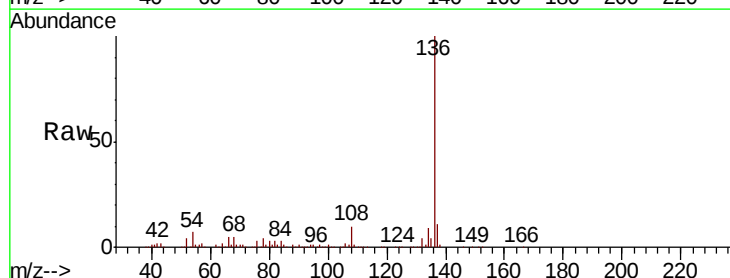
Ion Ratio Lower Upper

136 100

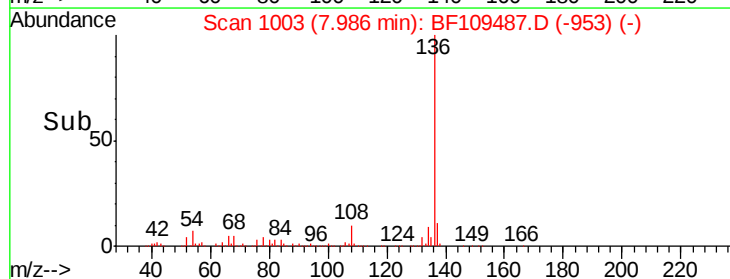
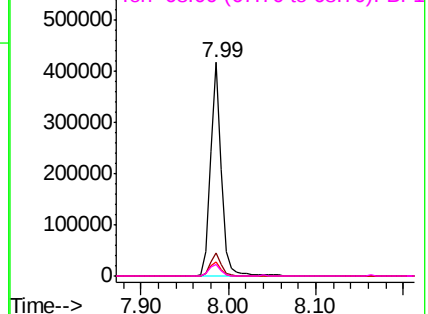
137 10.9 8.9 13.3

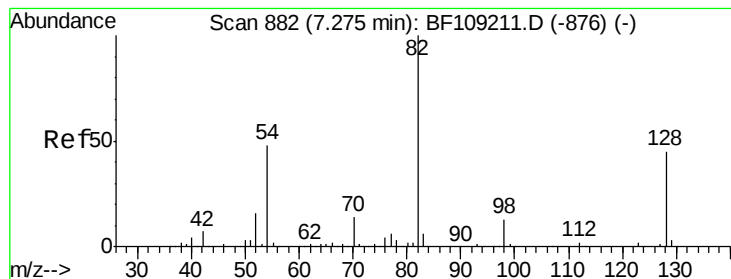
54 6.7 6.6 9.8

68 5.5 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: 93.545 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

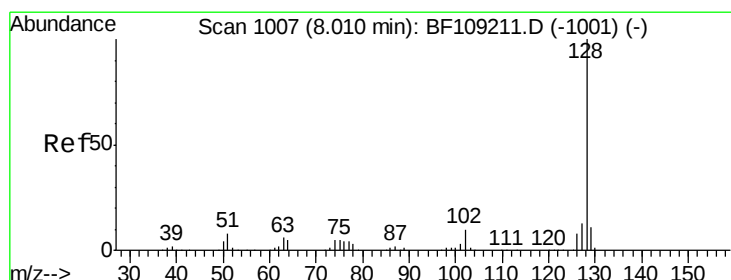
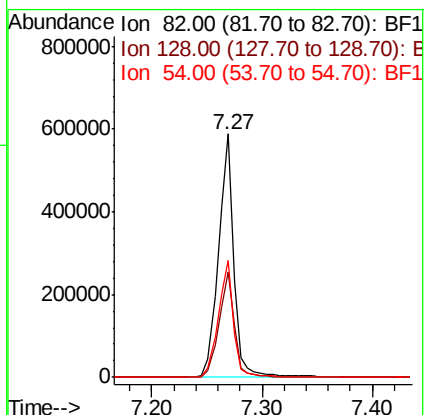
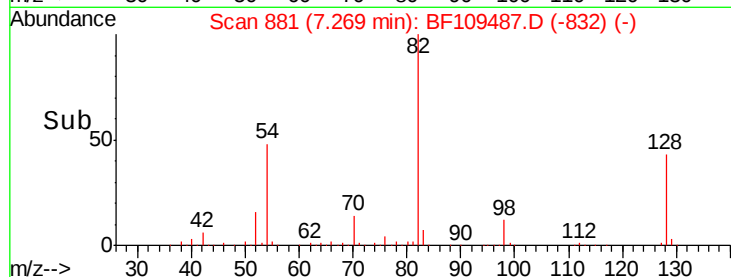
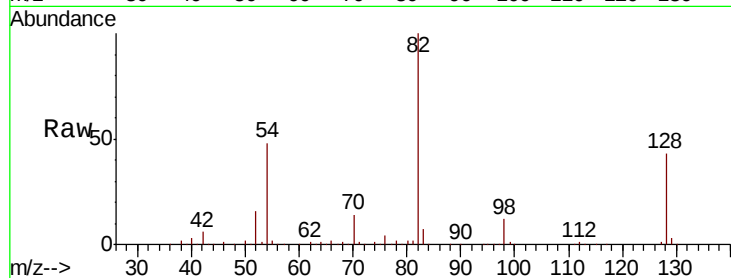
Tot Ion: 82 Resp: 568819

Ion Ratio Lower Upper

82 100

128 43.3 36.1 54.1

54 47.9 41.4 62.2



#31

Naphthalene

Concen: 9.020 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

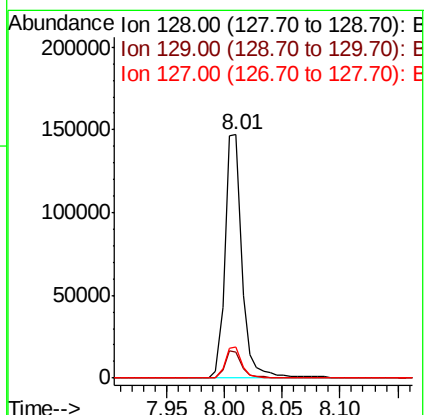
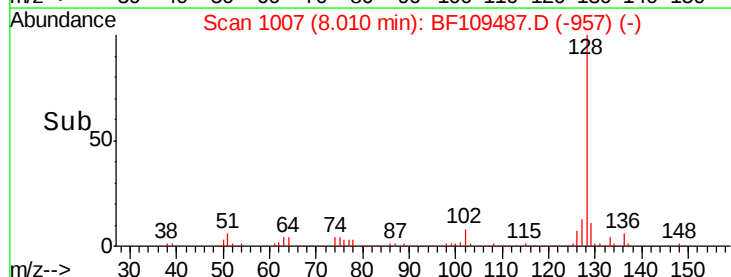
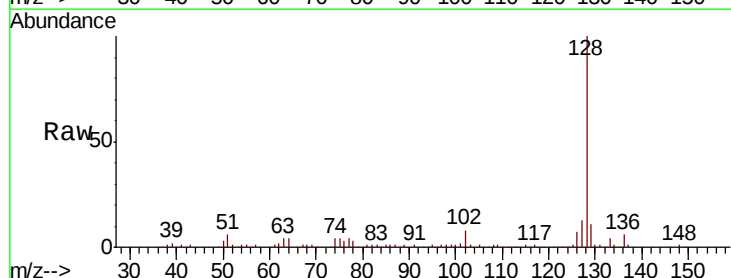
Tgt Ion:128 Resp: 151297

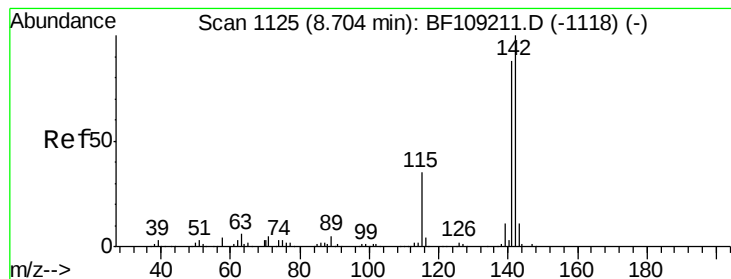
Ion Ratio Lower Upper

128 100

129 10.6 8.8 13.2

127 12.9 10.9 16.3





#37

2-Methylnaphthalene

Concen: 45.232 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.00 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

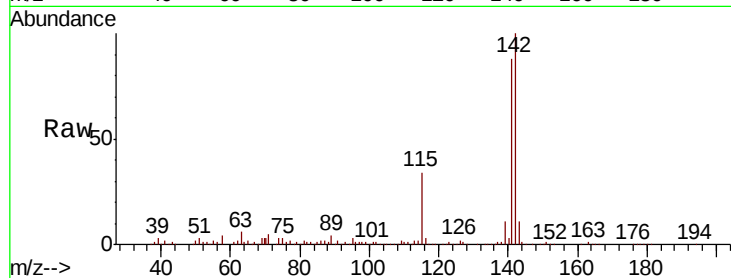
Tot Ion:142 Resp: 489101

Ion Ratio Lower Upper

142 100

141 87.5 70.8 106.2

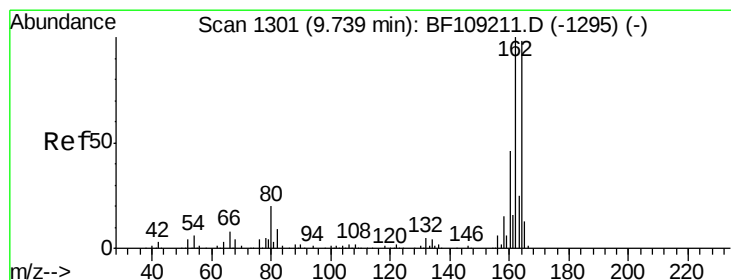
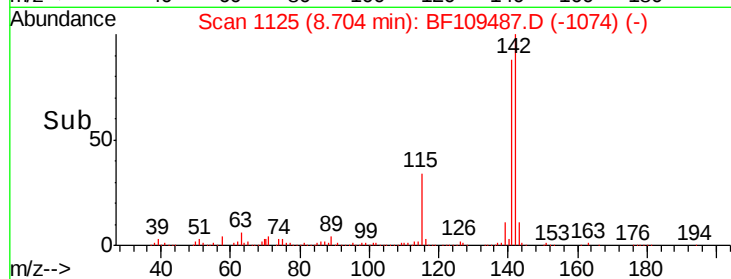
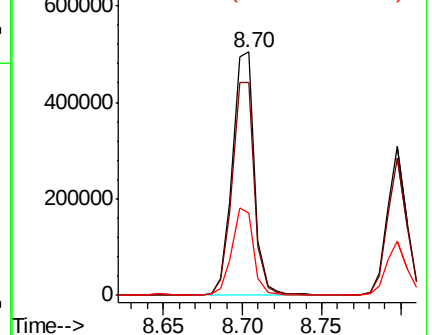
115 33.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

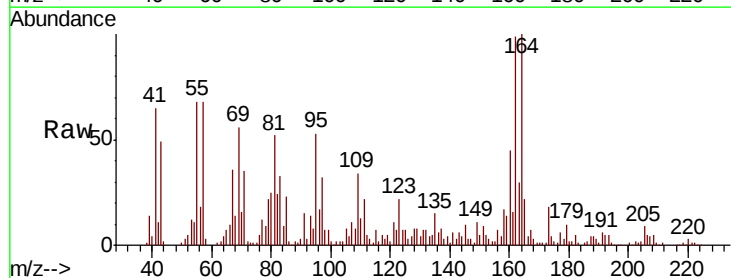
Tgt Ion:164 Resp: 124593

Ion Ratio Lower Upper

164 100

162 99.0 86.1 129.1

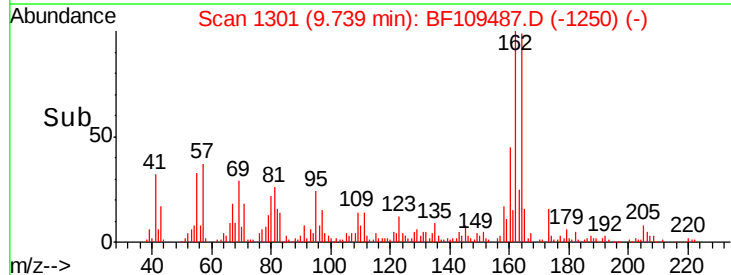
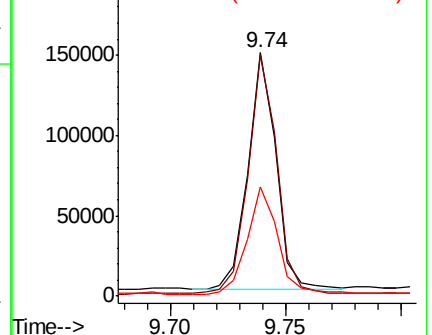
160 44.6 38.3 57.5

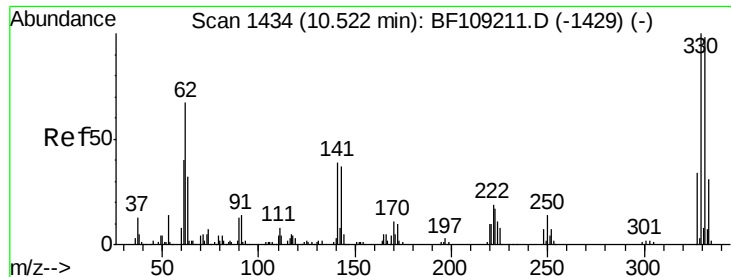


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

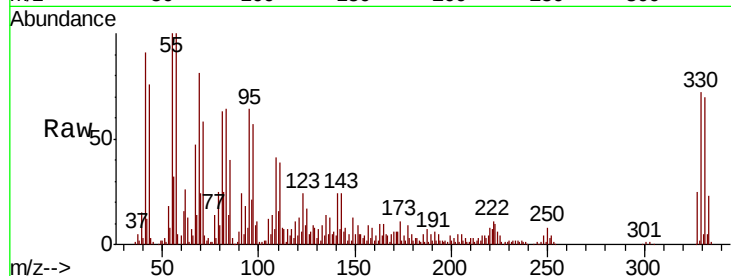




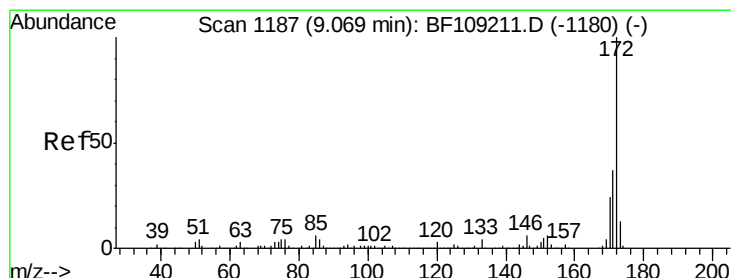
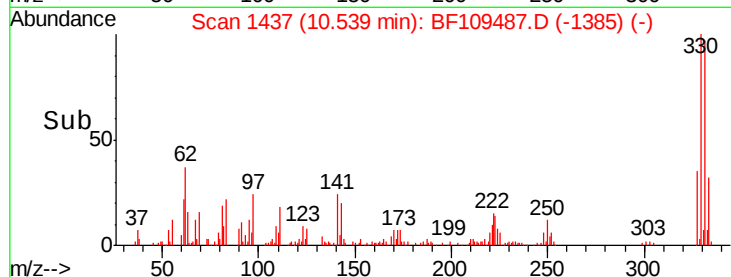
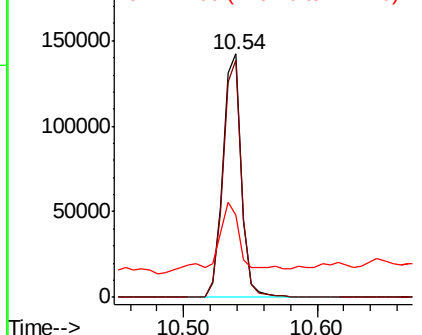
#41
 2,4,6-Tribromophenol
 Concen: 113.830 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.01 min
 Lab File: BF109487.D
 Acq: 1 Oct 2018 21:42

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 139809
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.0 115.6
 141 35.8 29.9 44.9

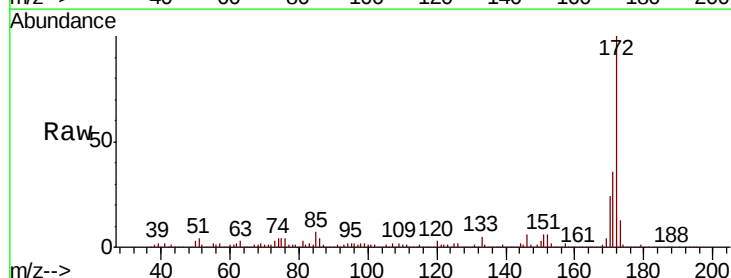


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

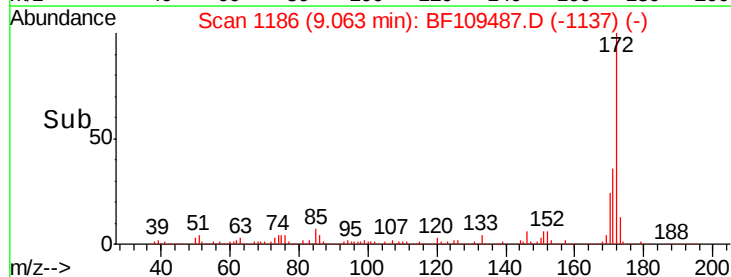
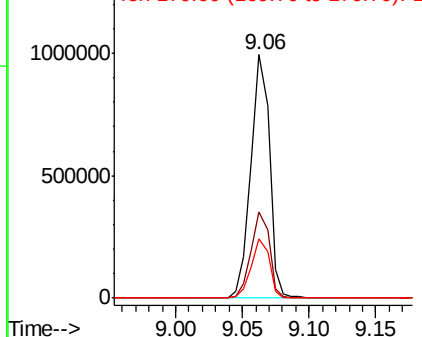


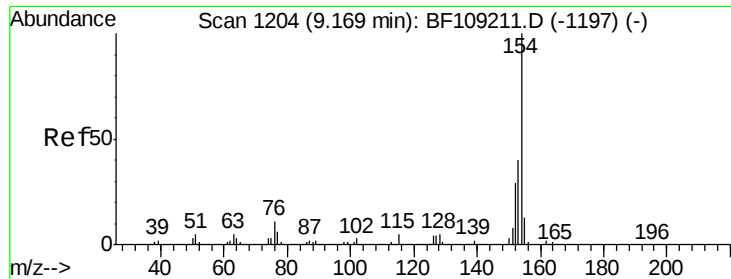
#44
 2-Fluorobiphenyl
 Concen: 115.061 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109487.D
 Acq: 1 Oct 2018 21:42

Tgt Ion:172 Resp: 950531
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.1 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

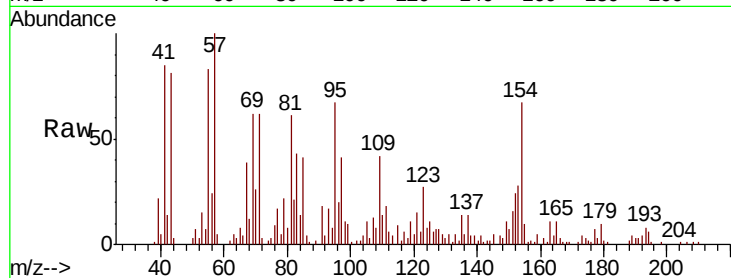




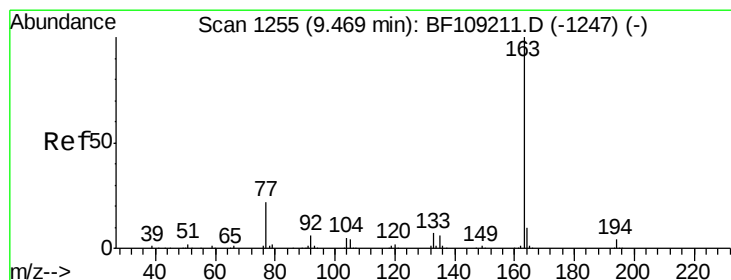
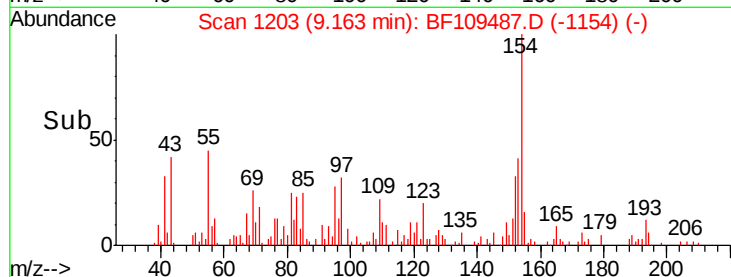
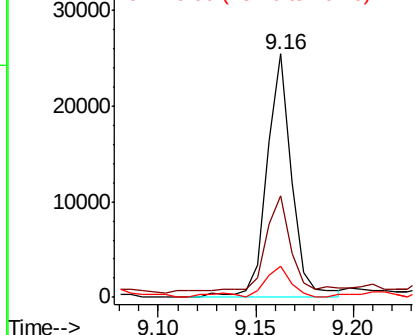
#45
 1,1'-Biphenyl
 Concen: 2.224 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF109487.D
 Acq: 1 Oct 2018 21:42

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:154 Resp: 22580
 Ion Ratio Lower Upper
 154 100
 153 41.7 21.3 61.3
 76 12.8 0.0 34.0

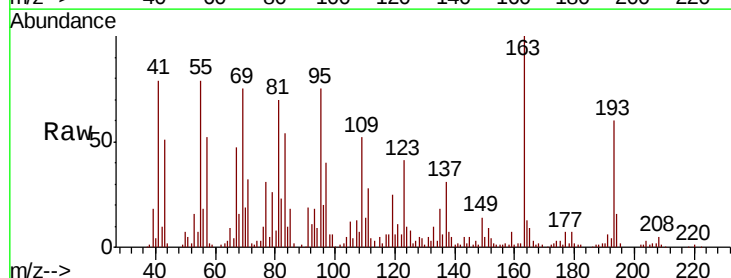


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

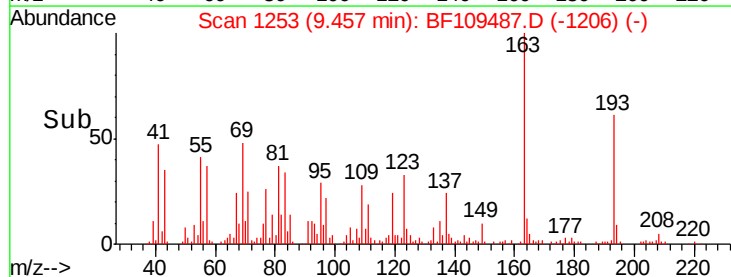
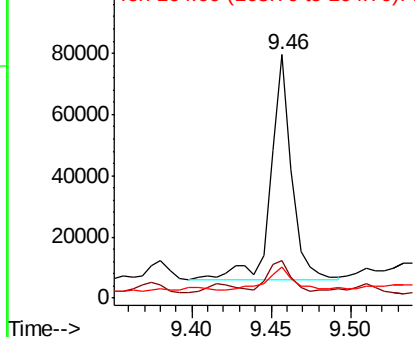


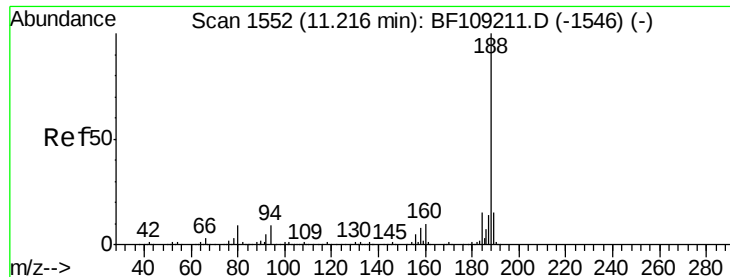
#49
 Dimethylphthalate
 Concen: 7.514 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF109487.D
 Acq: 1 Oct 2018 21:42

Tgt Ion:163 Resp: 68096
 Ion Ratio Lower Upper
 163 100
 194 15.5 2.7 4.1#
 164 12.9 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.02 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

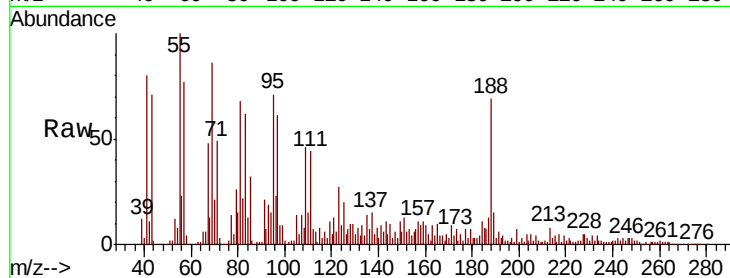
Tot Ion:188 Resp: 153501

Ion Ratio Lower Upper

188 100

94 21.7 8.5 12.7#

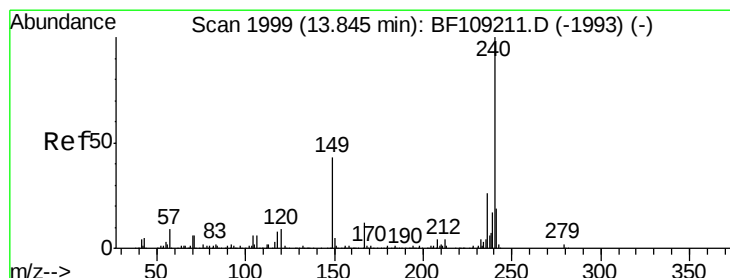
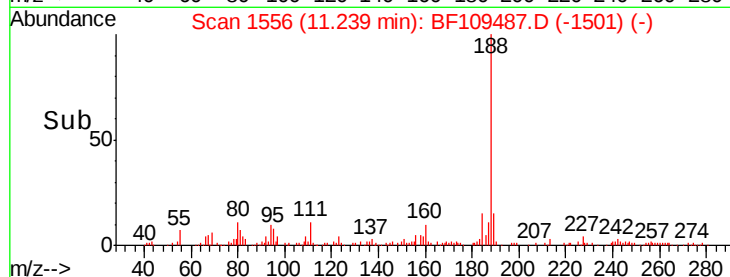
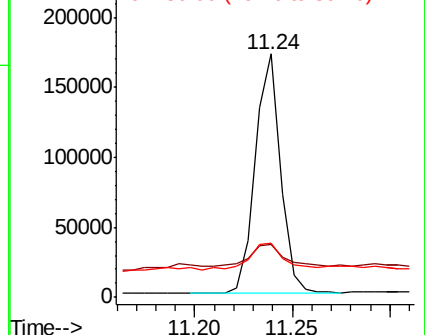
80 22.0 9.2 13.8#



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# 2001

Delta R.T. 0.01 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

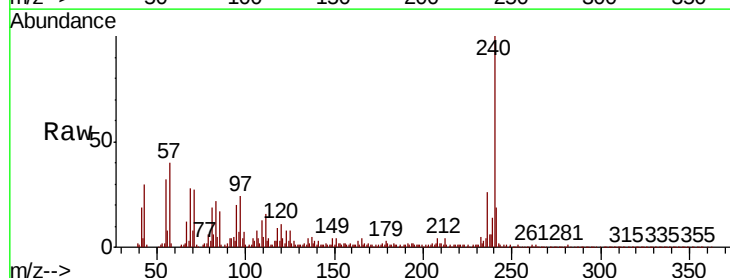
Tgt Ion:240 Resp: 191717

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

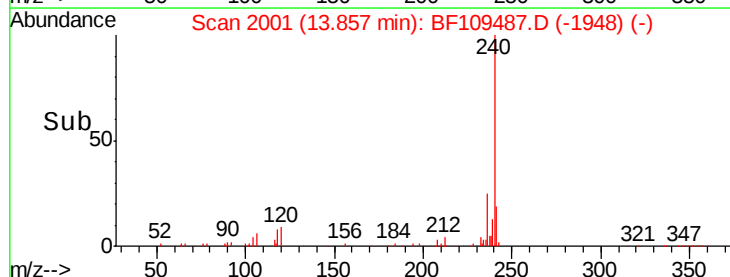
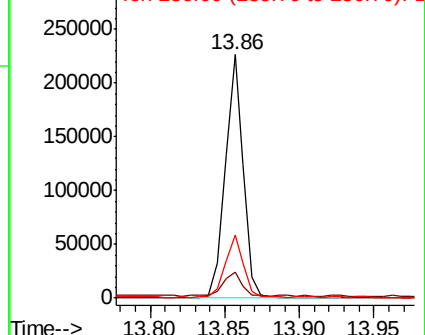
236 25.9 20.7 31.1

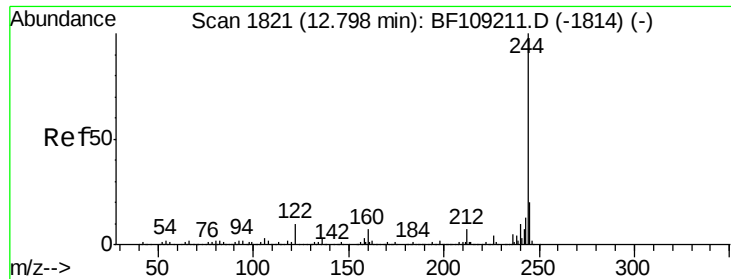


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 75.426 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.02 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

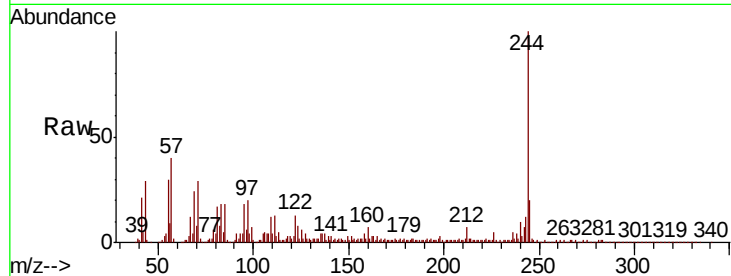
Tot Ion:244 Resp: 589221

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

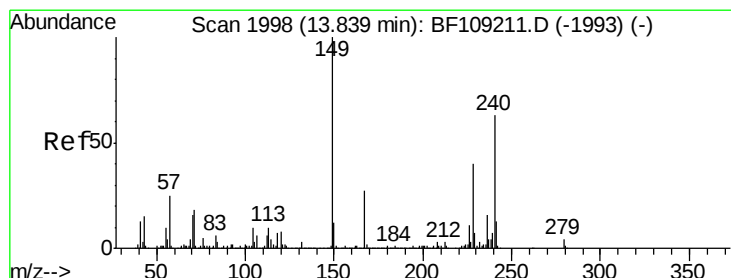
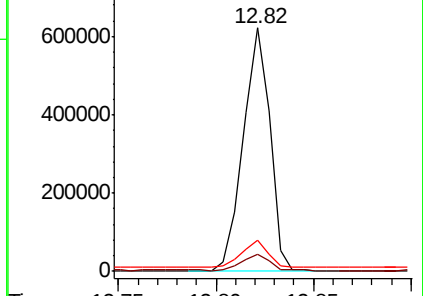
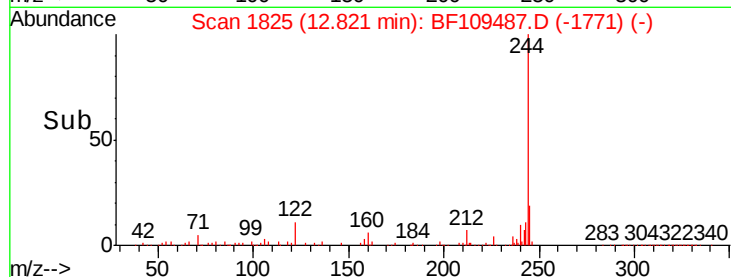
122 12.5 11.0 16.4



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 4.501 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.00 min

Lab File: BF109487.D

Acq: 1 Oct 2018 21:42

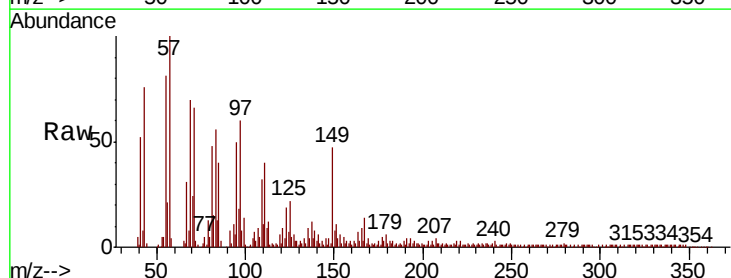
Tgt Ion:149 Resp: 33179

Ion Ratio Lower Upper

149 100

167 29.6 21.3 31.9

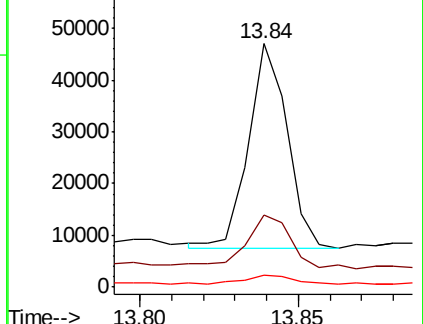
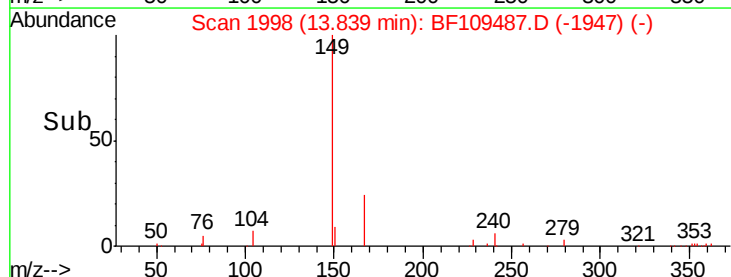
279 5.0 3.0 4.4#

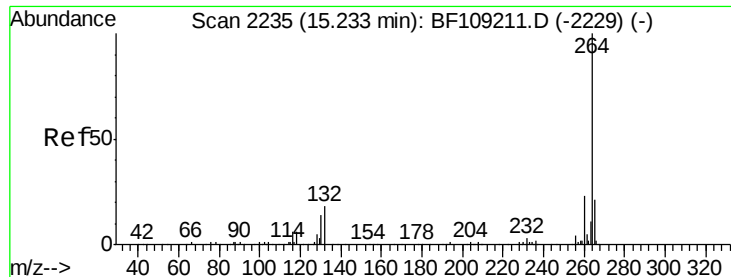


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

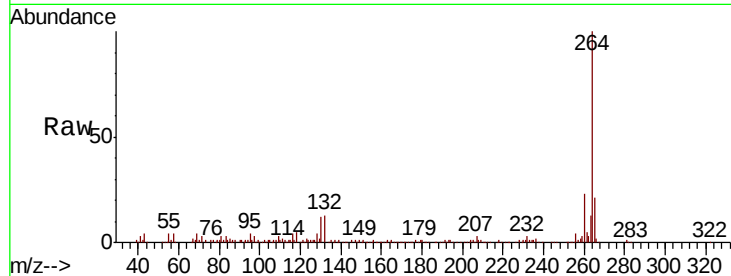




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109487.D
Acq: 1 Oct 2018 21:42

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.1	17.5	26.3

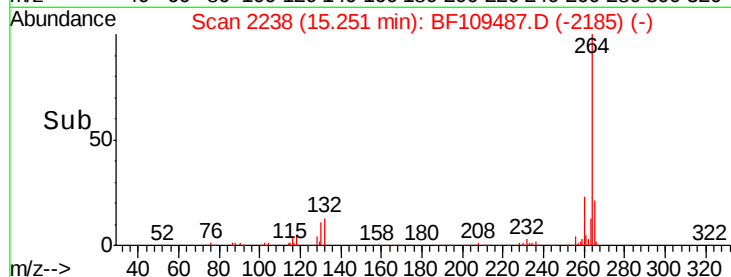
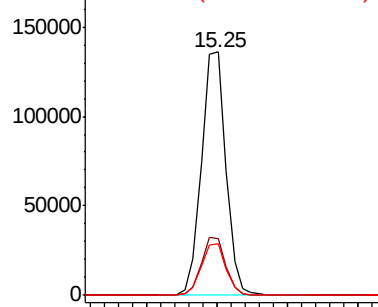


Abundance

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



Time-->