

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
 Data File : BF109497.D
 Acq On : 2 Oct 2018 13:27
 Operator : JU/SJ
 Sample : J5191-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 344-OILY-STONES

Quant Time: Oct 02 14:43:17 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

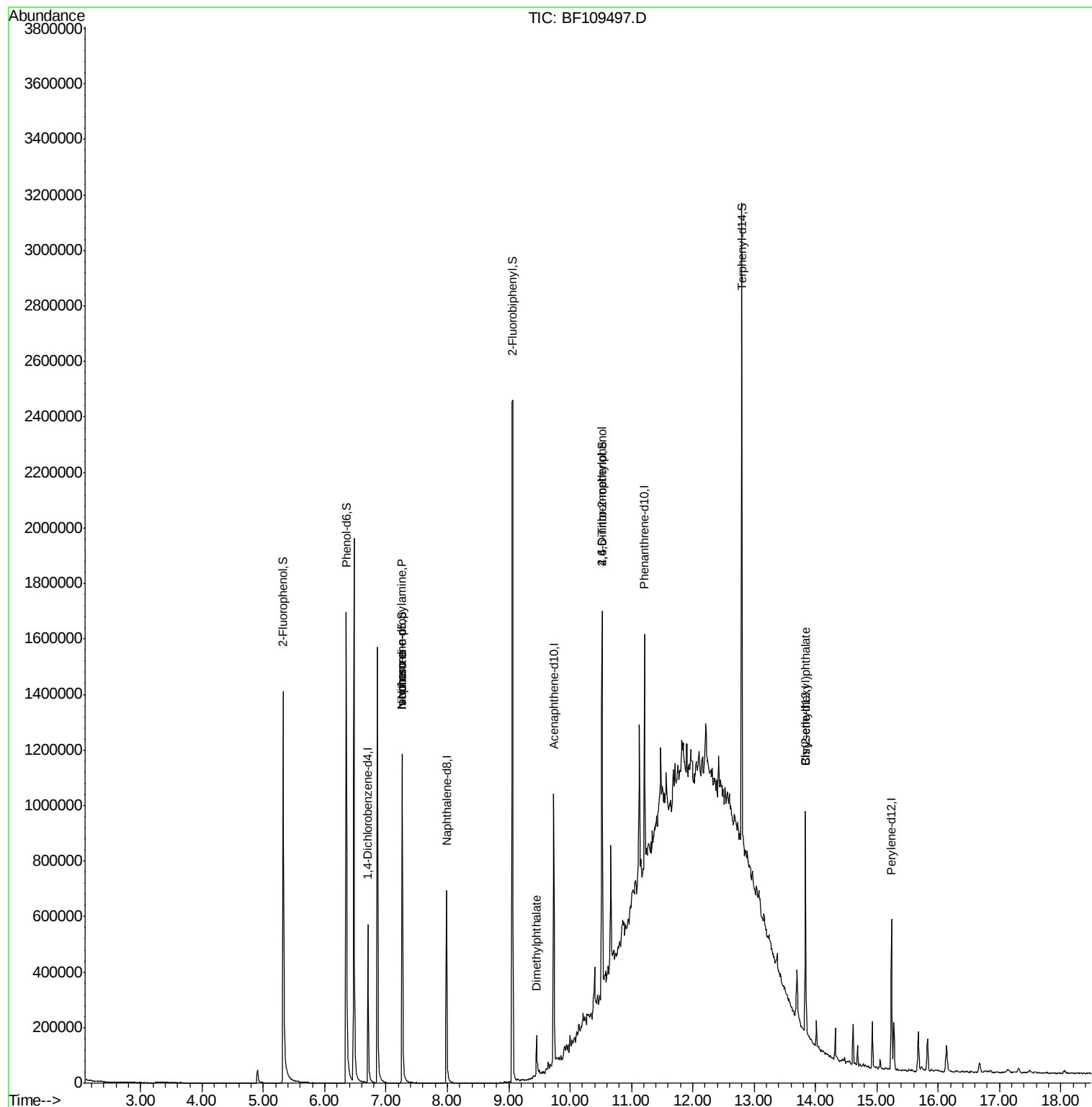
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	98707	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	389148	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	188635	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	328759	20.00	ng	0.00
75) Chrysene-d12	13.84	240	249985	20.00	ng	0.00
86) Perylene-d12	15.24	264	244712	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	546227	91.15	ng	0.00
7) Phenol-d6	6.35	99	710626	92.93	ng	0.00
23) Nitrobenzene-d5	7.26	82	454674	68.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	177869	95.65	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	889835	71.14	ng	-0.01
78) Terphenyl-d14	12.80	244	791671	77.72	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	61268	12.227	ng	# 77
25) Isophorone	7.26	82	426829	35.956	ng	# 64
49) Dimethylphthalate	9.45	163	64176	4.678	ng	98
64) 4,6-Dinitro-2-methylphenol	10.52	198	381	6.770	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	54883	5.709	ng	100

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

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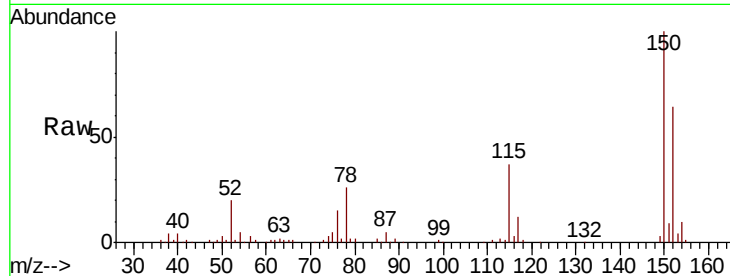


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF109497.D
Acq: 2 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :
344-OILY-STONES

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	124.6	186.8
115	58.6	50.1	75.1

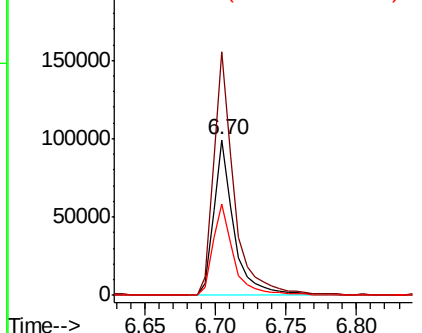
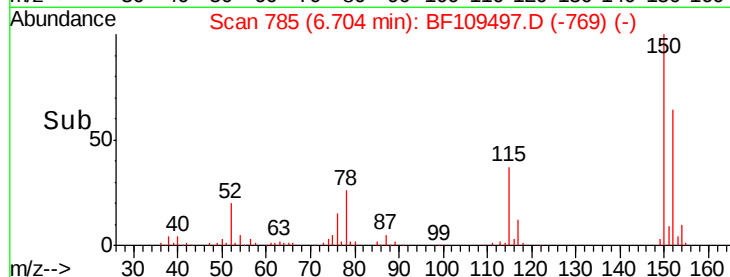


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

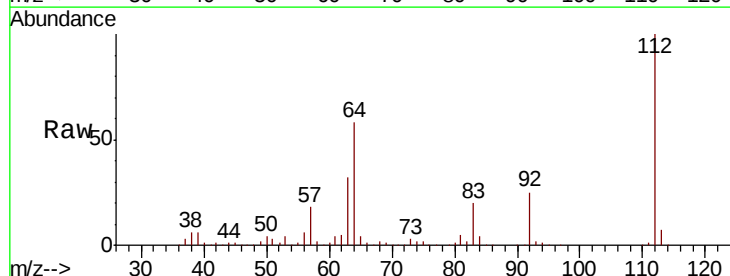
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 91.146 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF109497.D
Acq: 2 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.9	71.9
63	31.7	23.7	35.5

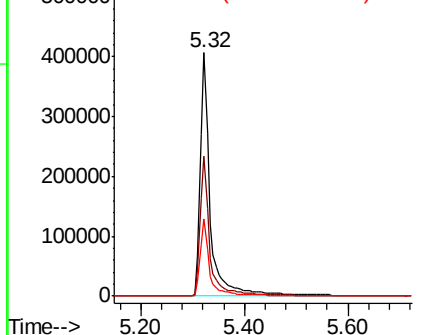
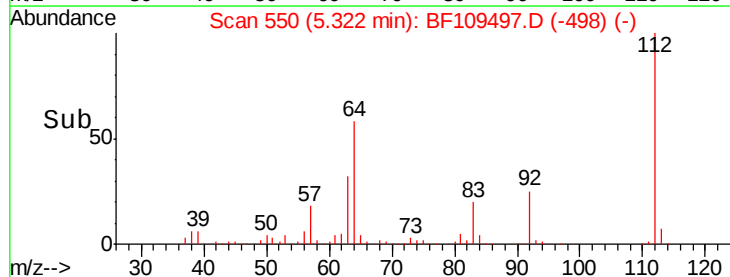


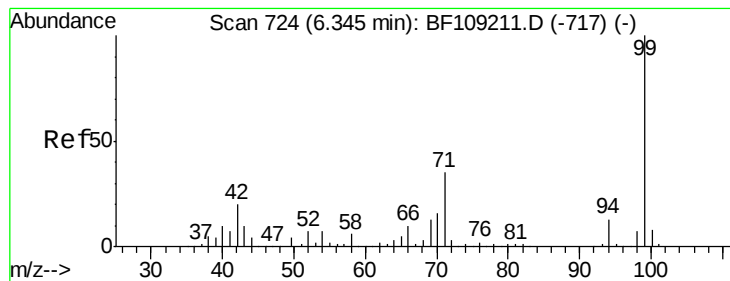
Abundance

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: 92.927 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

344-OILY-STONES

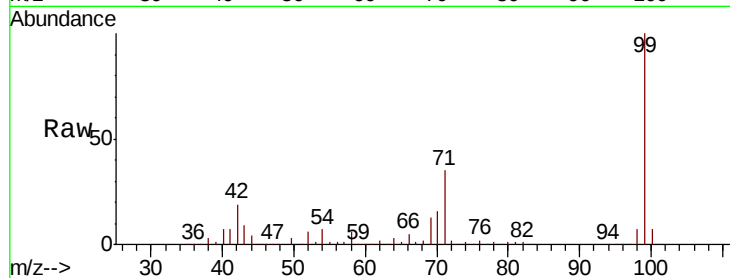
Tot Ion: 99 Resp: 710626

Ion Ratio Lower Upper

99 100

42 18.9 14.5 21.7

71 35.3 25.4 38.0

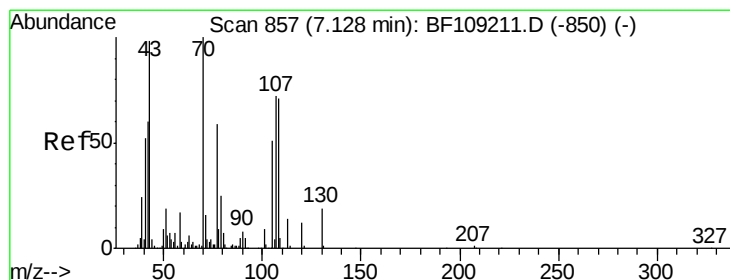
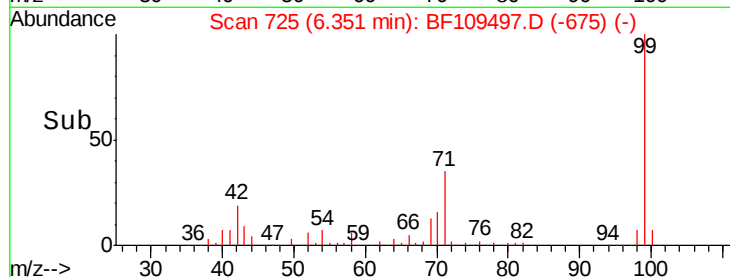
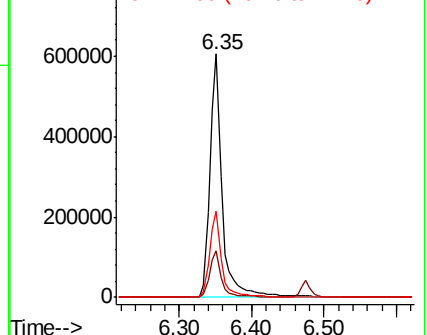


Abundance

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: 12.227 ng

RT: 7.26 min Scan# 880

Delta R.T. 0.12 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

Tgt Ion: 70 Resp: 61268

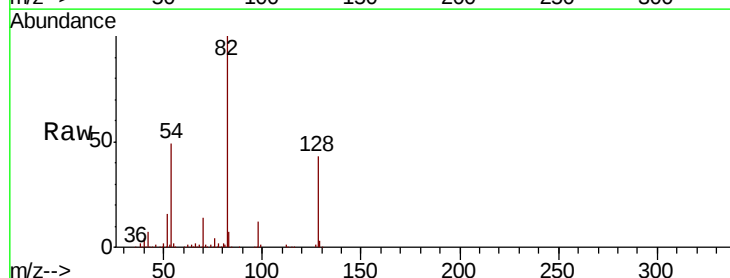
Ion Ratio Lower Upper

70 100

42 46.9 47.5 71.3#

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#



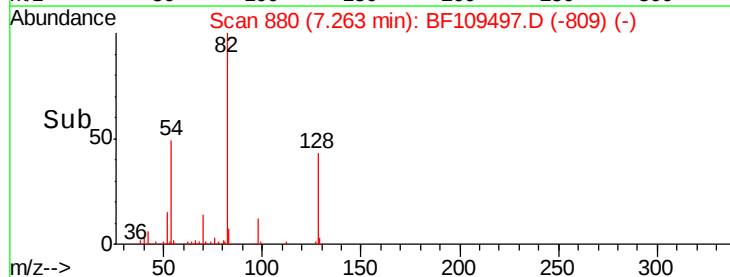
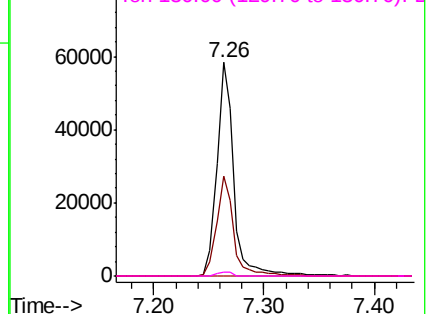
Abundance

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: 7.99 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

344-OILY-STONES

Tot Ion:136 Resp: 389148

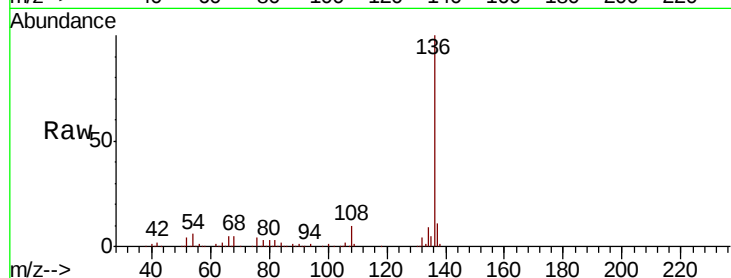
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 6.3 6.6 9.8#

68 5.1 5.0 7.4

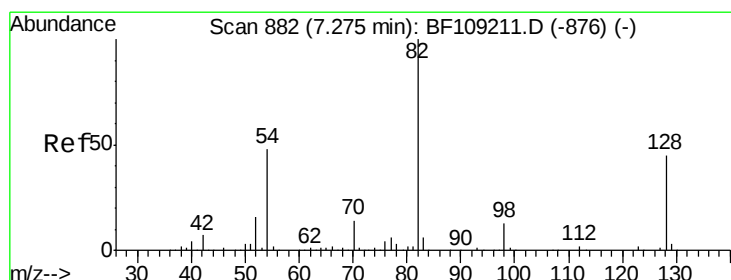
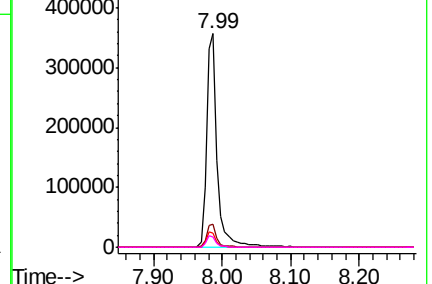
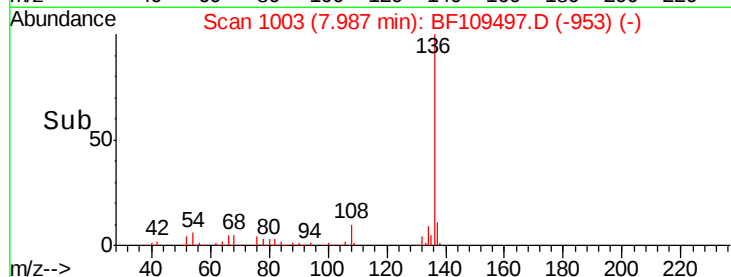


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.971 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.02 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

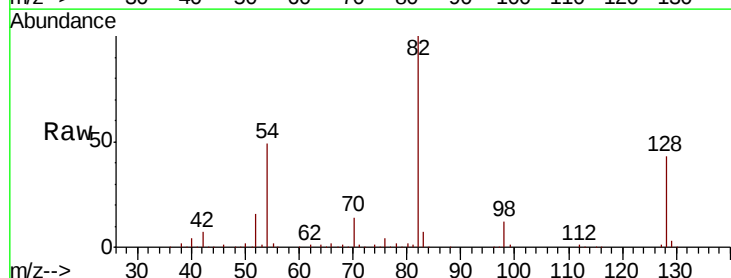
Tgt Ion: 82 Resp: 454674

Ion Ratio Lower Upper

82 100

128 42.7 36.1 54.1

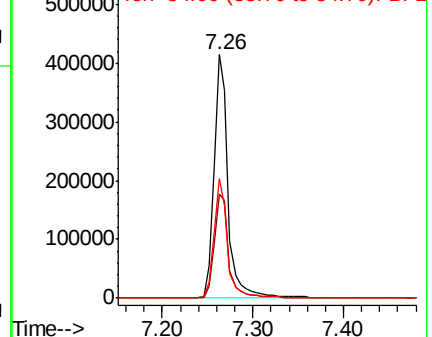
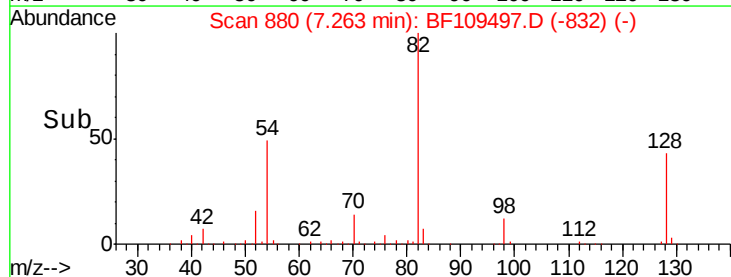
54 48.8 41.4 62.2

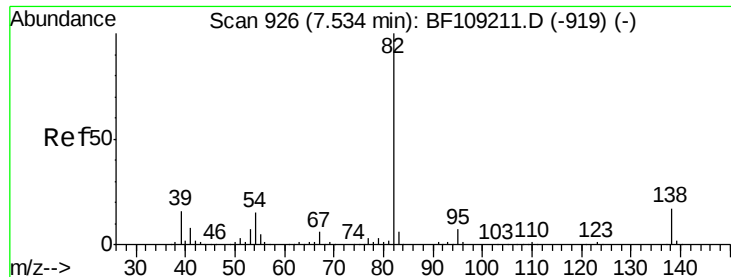


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

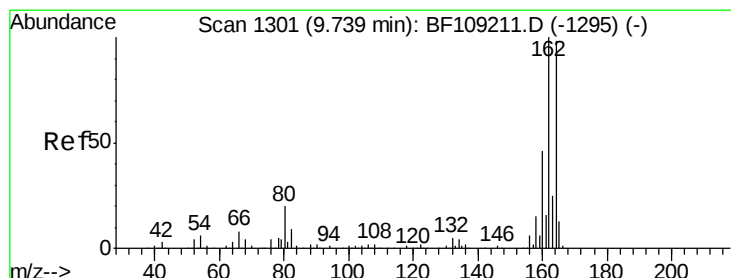
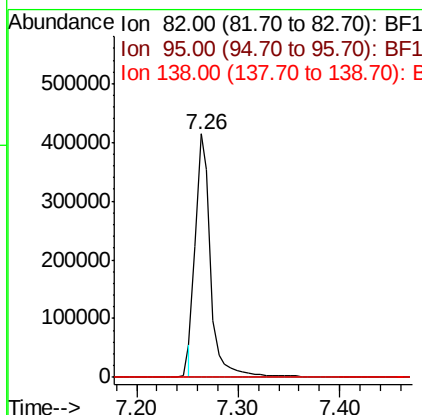
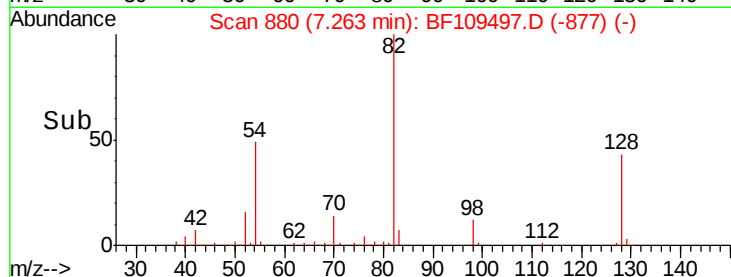
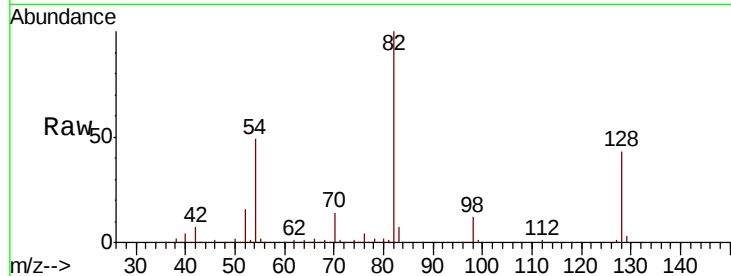




#25
Isophorone
Concen: 35.956 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.28 min
Lab File: BF109497.D
Acq: 2 Oct 2018 13:27

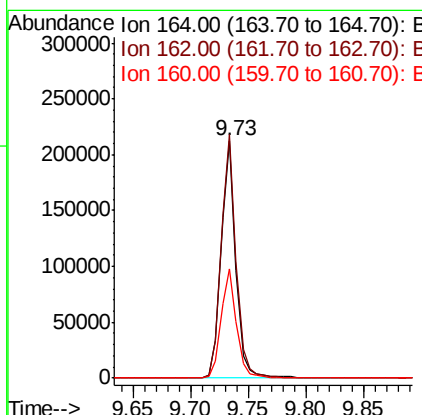
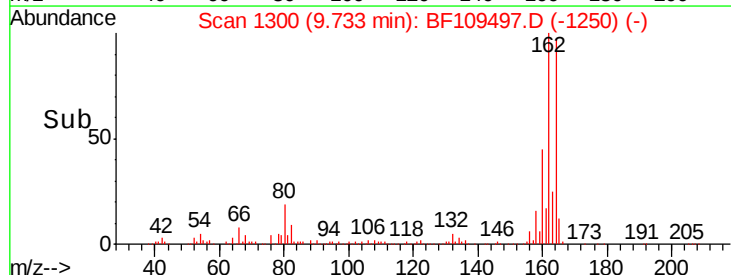
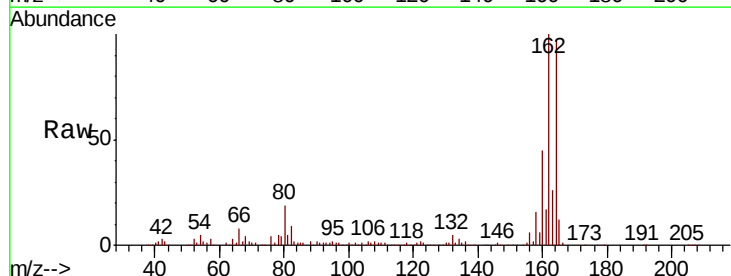
Instrument :
BNA_F
ClientSampleId :
344-OILY-STONES

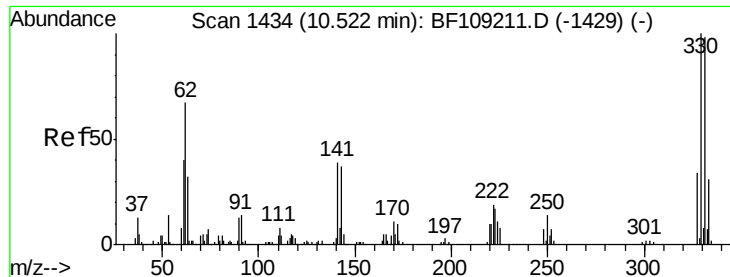
Tot Ion: 82 Resp: 426829
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF109497.D
Acq: 2 Oct 2018 13:27

Tgt Ion: 164 Resp: 188635
Ion Ratio Lower Upper
164 100
162 102.6 86.1 129.1
160 46.0 38.3 57.5

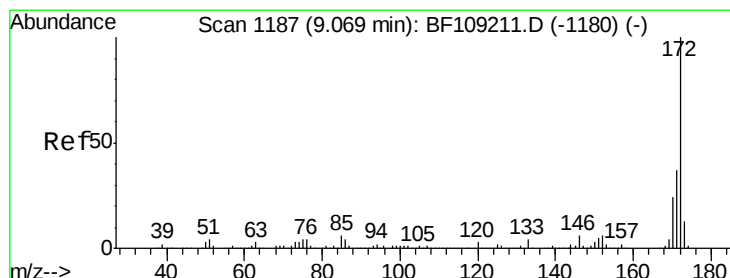
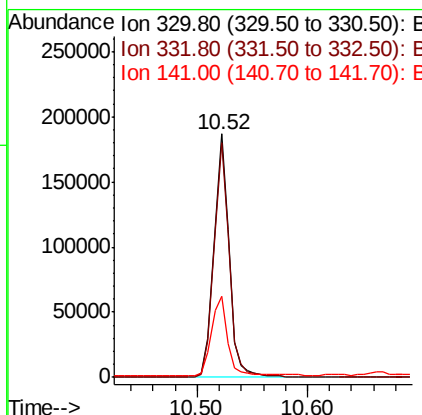
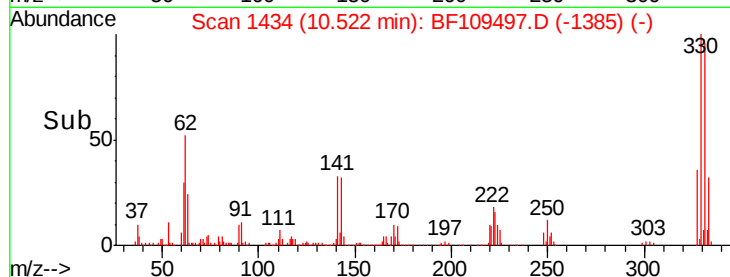
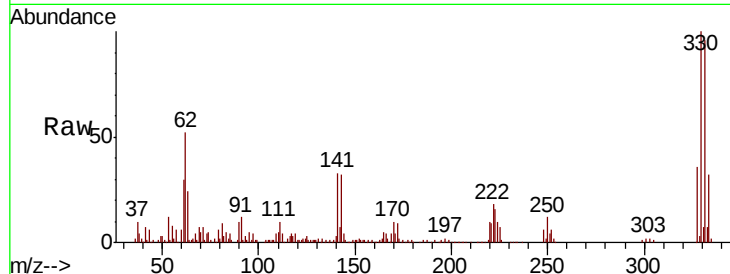




#41
 2,4,6-Tribromophenol
 Concen: 95.652 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF109497.D
 Acq: 2 Oct 2018 13:27

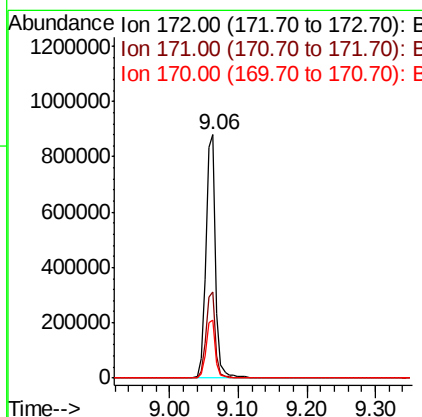
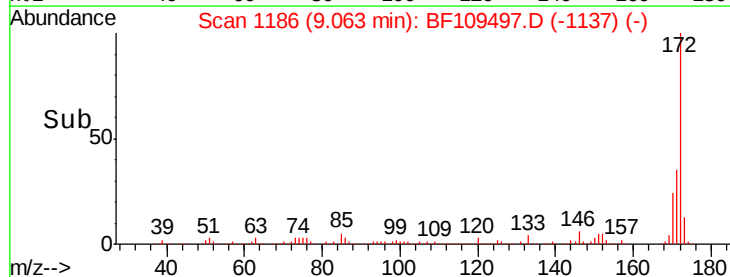
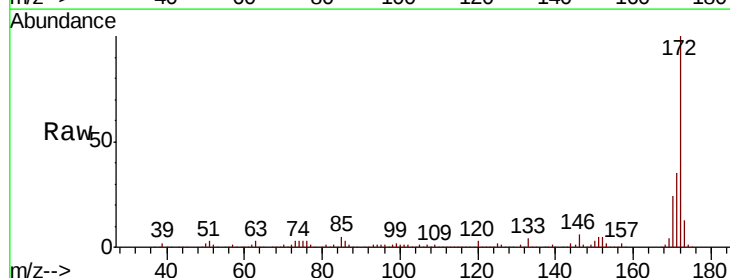
Instrument :
 BNA_F
 ClientSampleId :
 344-OILY-STONES

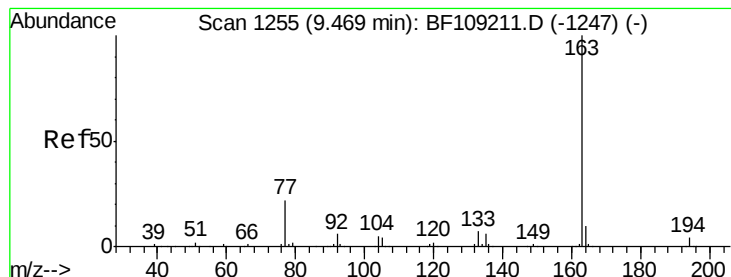
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	33.3	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 71.145 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF109497.D
 Acq: 2 Oct 2018 13:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	29.7	44.5
170	23.8	19.6	29.4





#49

Dimethylphthalate

Concen: 4.678 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.03 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

344-OILY-STONES

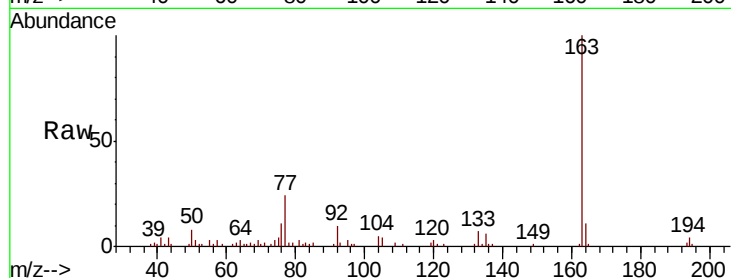
Tot Ion:163 Resp: 64176

Ion Ratio Lower Upper

163 100

194 4.1 2.7 4.1

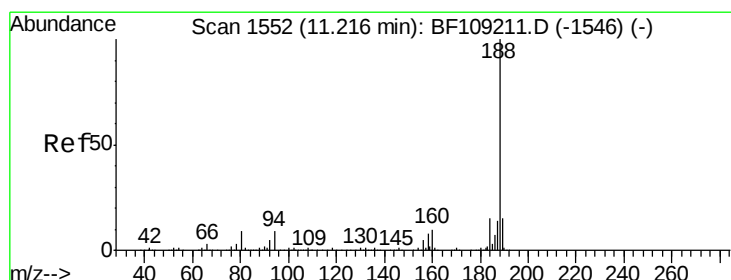
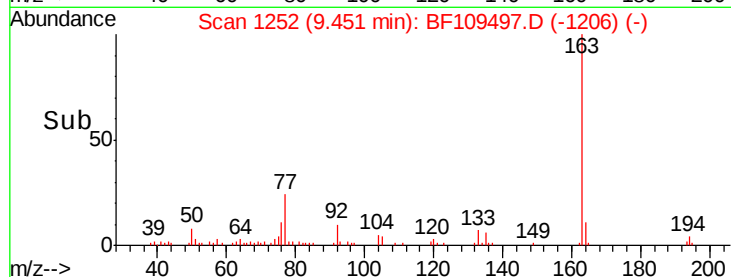
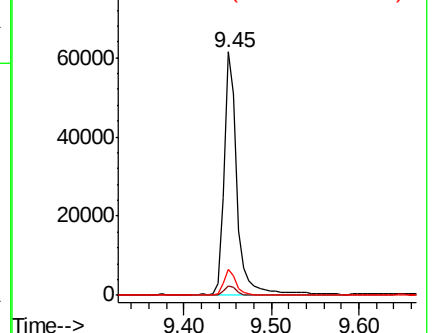
164 10.7 8.2 12.2



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: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

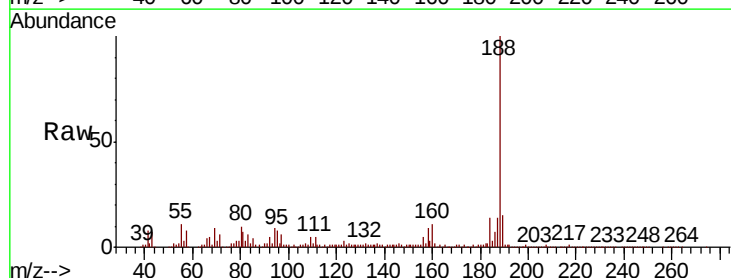
Tgt Ion:188 Resp: 328759

Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

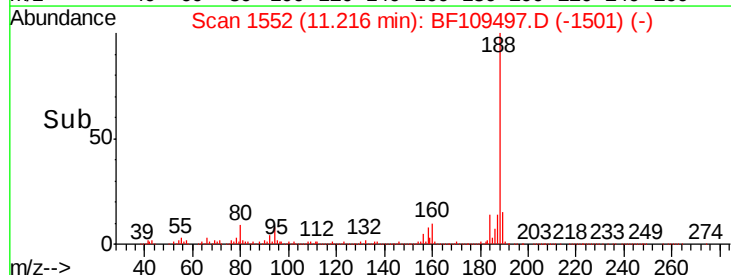
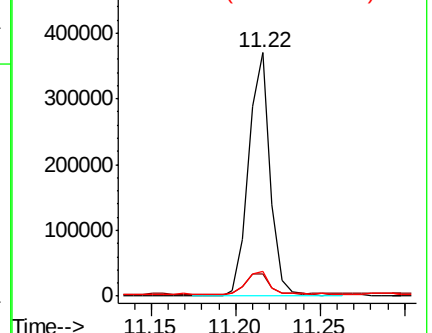
80 9.9 9.2 13.8

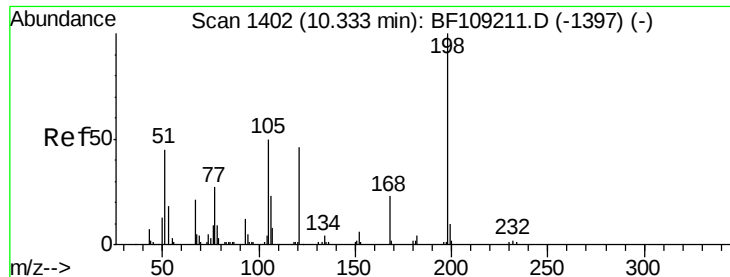


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#64

4,6-Dinitro-2-methylphenol

Concen: 6.770 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.18 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

Instrument :

BNA_F

ClientSampleId :

344-OILY-STONES

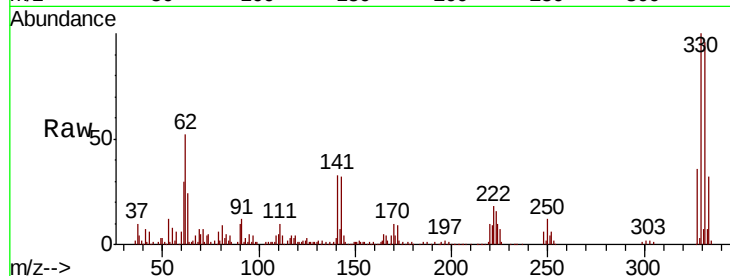
Tot Ion:198 Resp: 381

Ion Ratio Lower Upper

198 100

51 160.1 37.7 77.7#

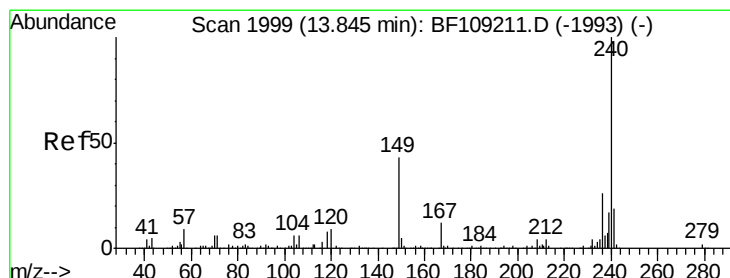
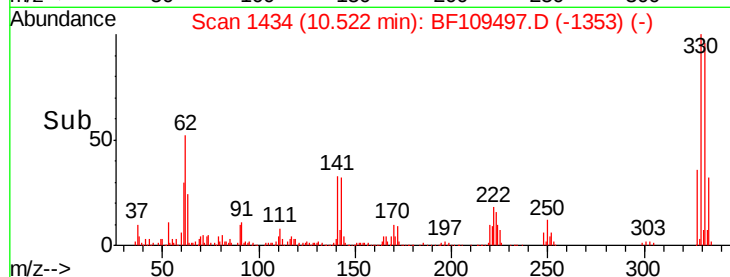
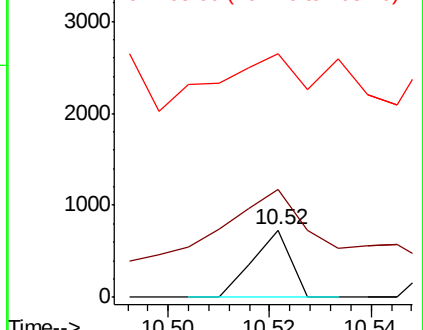
105 362.3 36.3 76.3#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF109497.D

Acq: 2 Oct 2018 13:27

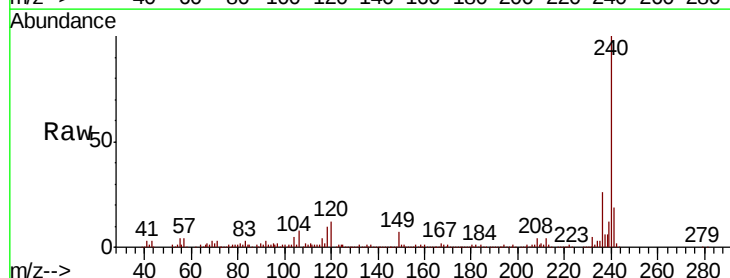
Tgt Ion:240 Resp: 249985

Ion Ratio Lower Upper

240 100

120 11.6 9.5 14.3

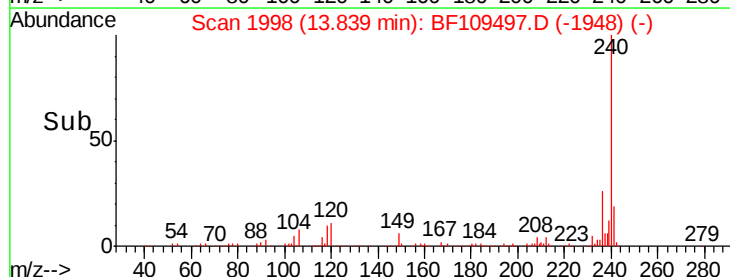
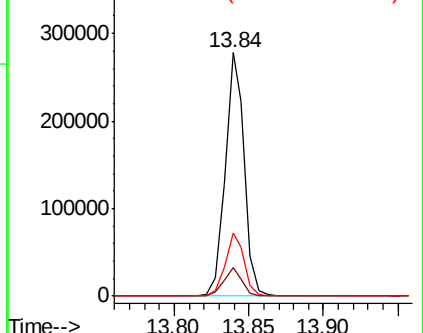
236 26.1 20.7 31.1

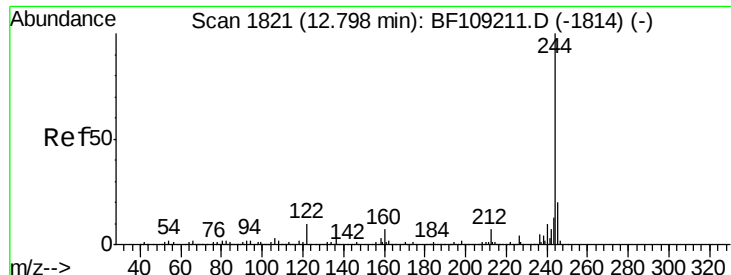


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

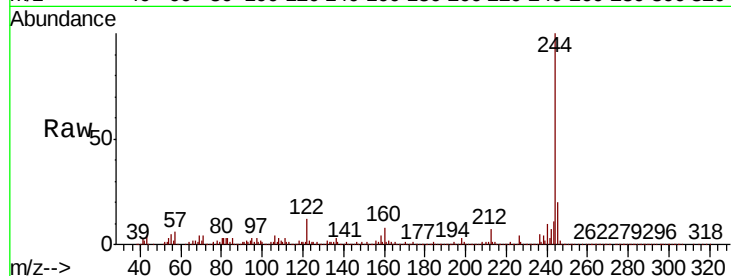




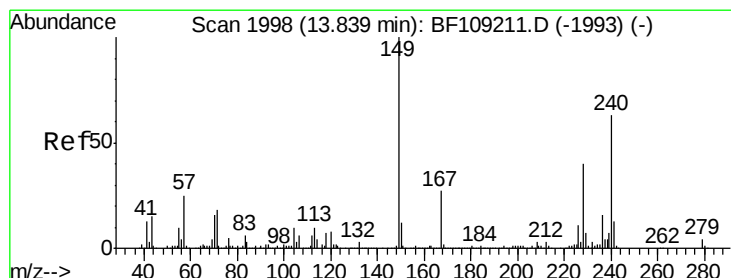
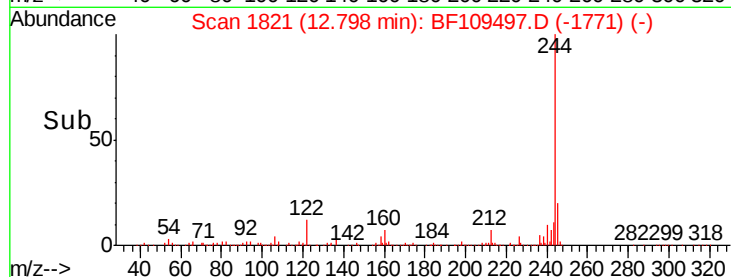
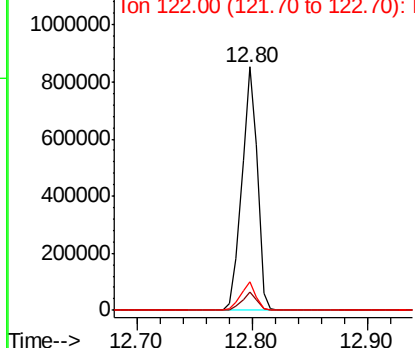
#78
 Terphenyl-d14
 Concen: 77.720 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF109497.D
 Acq: 2 Oct 2018 13:27

Instrument :
 BNA_F
 ClientSampleId :
 344-OILY-STONES

Tot Ion:244 Resp: 791671
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.0
 122 12.0 11.0 16.4

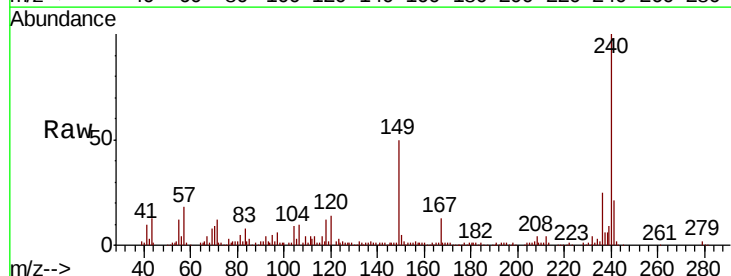


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

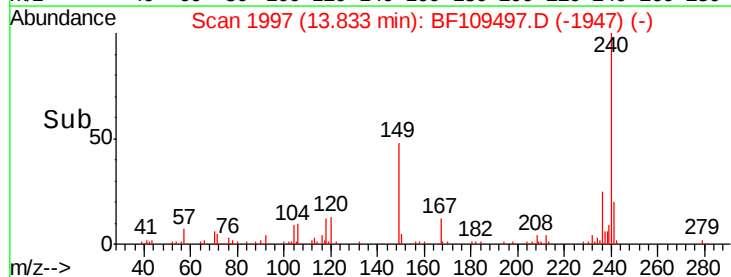
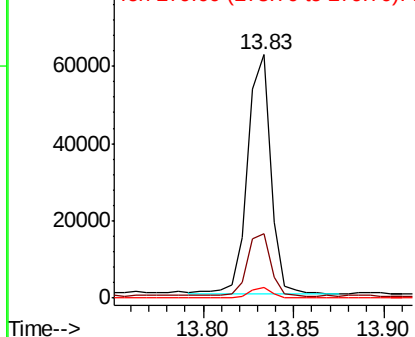


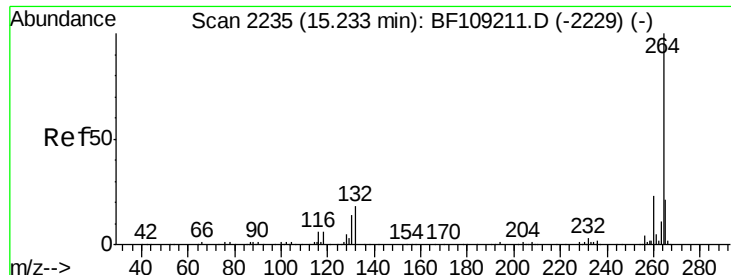
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 5.709 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF109497.D
 Acq: 2 Oct 2018 13:27

Tgt Ion:149 Resp: 54883
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.3 31.9
 279 4.3 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: 15.24 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BF109497.D
Acq: 2 Oct 2018 13:27

Instrument :
BNA_F
ClientSampleId :
344-OILY-STONES

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.4	17.5	26.3

