

Data File : BF108900.D
Acq On : 10 Sep 2018 18:30
Operator : JU/SJ
Sample : J4829-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-PADS

Quant Time: Sep 11 02:57:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF090518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 05 18:03:31 2018
Response via : Initial Calibration

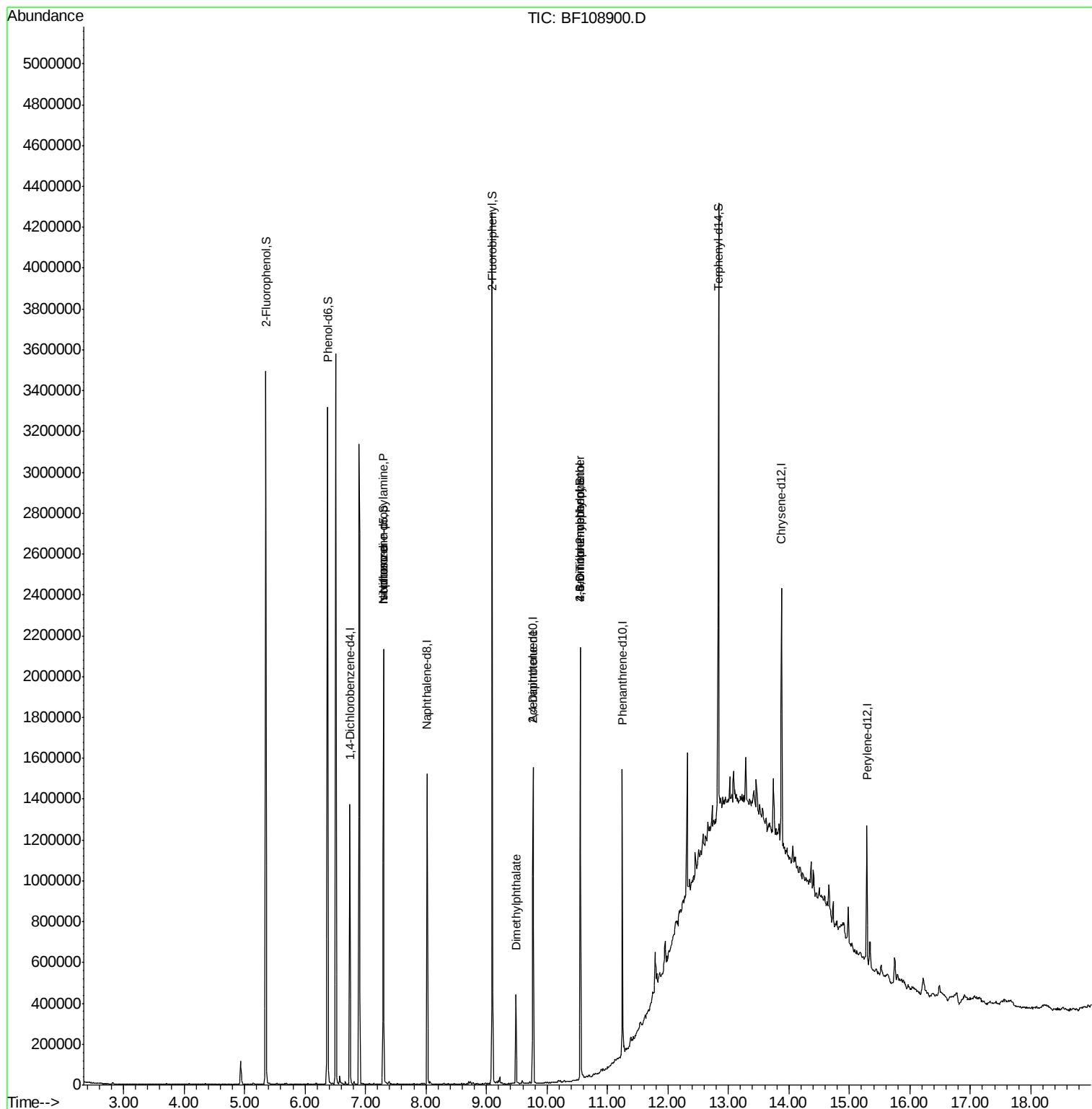
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187084	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	669875	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	280469	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	449870	20.00	ng	0.00
75) Chrysene-d12	13.88	240	417117	20.00	ng	0.01
86) Perylene-d12	15.29	264	311997	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	973603	86.21	ng	0.02
7) Phenol-d6	6.38	99	1240661	85.39	ng	0.01
23) Nitrobenzene-d5	7.30	82	744283	69.53	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	236660	88.39	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1296549	78.86	ng	0.00
78) Terphenyl-d14	12.84	244	1051678	58.79	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	100353	9.936	ng	# 79
25) Isophorone	7.30	82	741113	34.710	ng	# 64
49) Dimethylphthalate	9.49	163	171057	8.720	ng	# 99
56) 2,4-Dinitrotoluene	9.77	165	35559	7.439	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	514	7.117	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	13893	2.734	ng	# 1

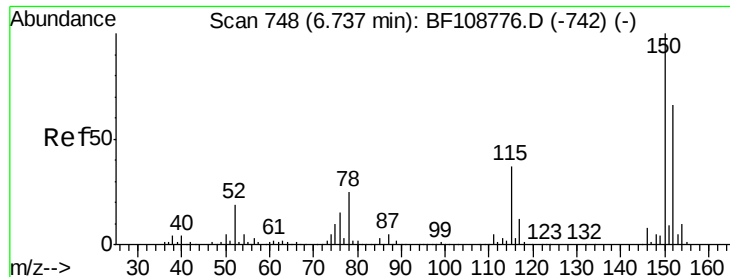
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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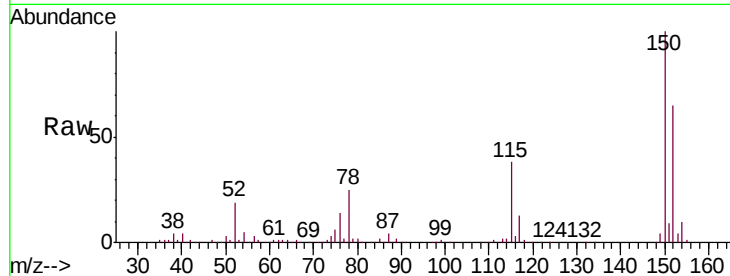


#1

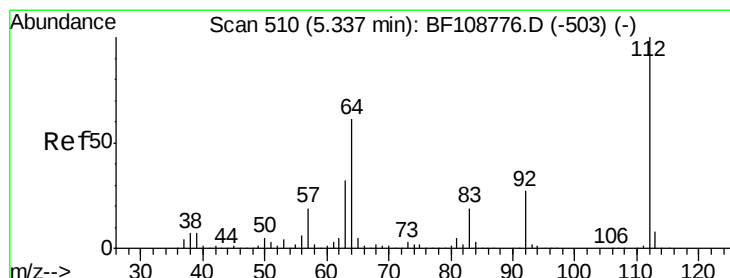
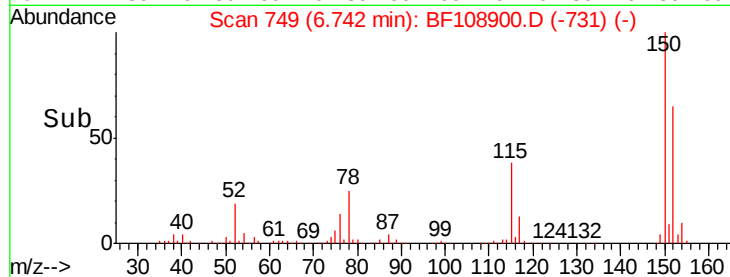
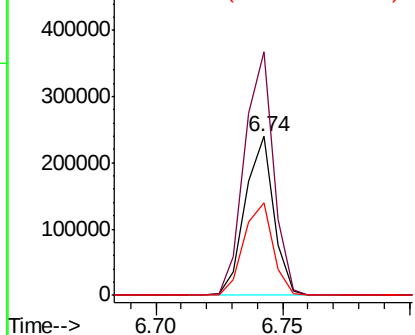
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 749
Delta R.T. 0.01 min
Lab File: BF108900.D
Acq: 10 Sep 2018 18:30

Instrument :
BNA_F
ClientSampleId :
OILY-STONES-PADS

Tgt Ion:152 Resp: 187084
Ion Ratio Lower Upper
152 100
150 153.4 124.6 186.8
115 58.7 50.1 75.1



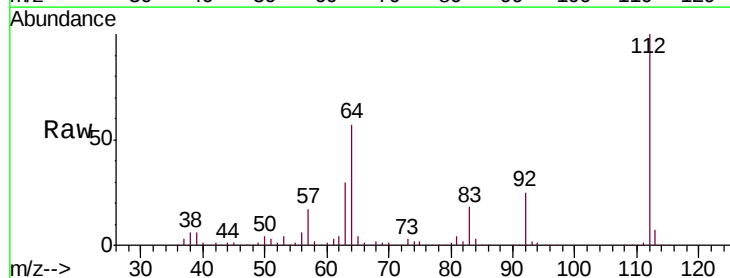
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



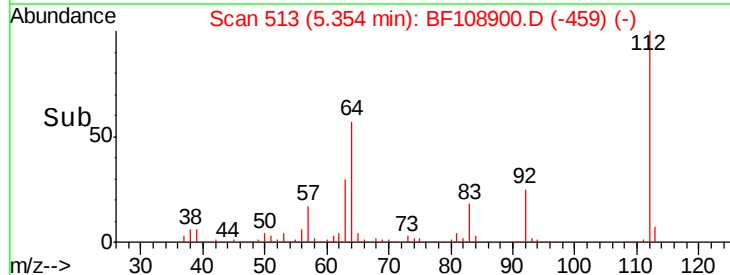
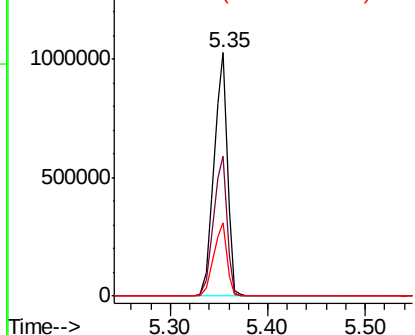
#5

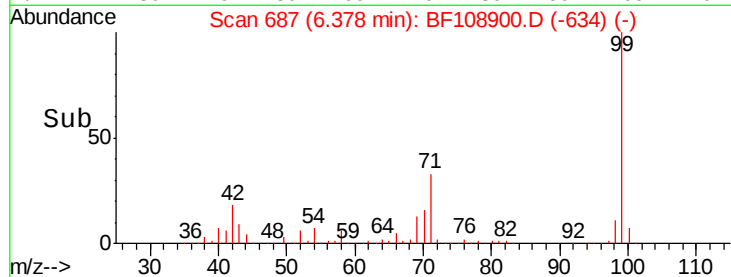
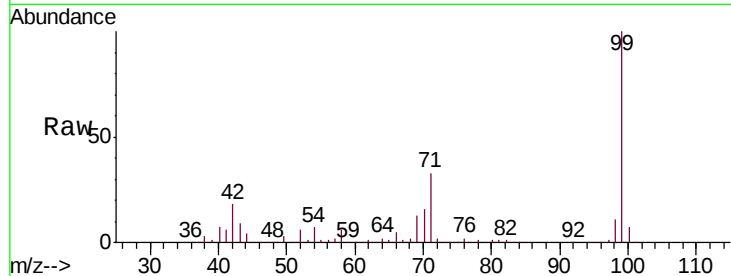
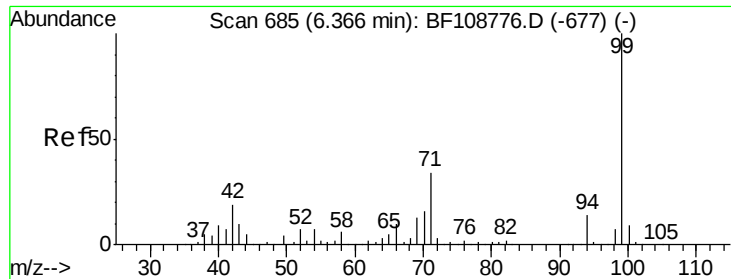
2-Fluorophenol
Concen: 86.215 ng
RT: 5.35 min Scan# 513
Delta R.T. 0.02 min
Lab File: BF108900.D
Acq: 10 Sep 2018 18:30

Tgt Ion:112 Resp: 973603
Ion Ratio Lower Upper
112 100
64 57.4 47.9 71.9
63 30.0 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: 85.387 ng

RT: 6.38 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-PADS

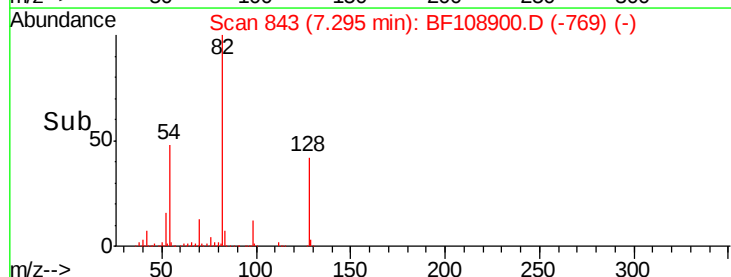
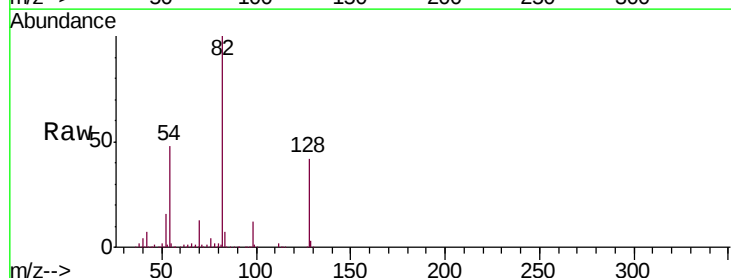
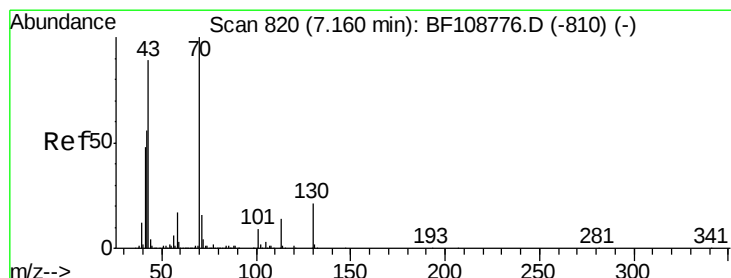
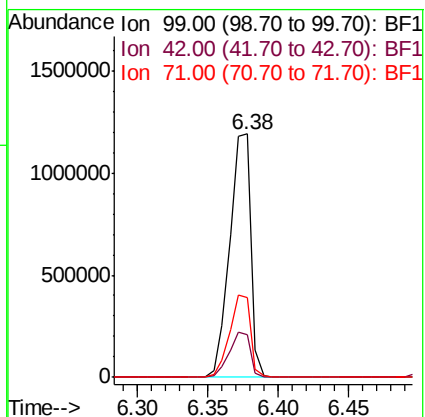
Tgt Ion: 99 Resp: 1240661

Ion Ratio Lower Upper

99 100

42 17.8 14.5 21.7

71 32.7 25.4 38.0



#19

n-Nitroso-di-n-propylamine

Concen: 9.936 ng

RT: 7.30 min Scan# 843

Delta R.T. 0.14 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

Tgt Ion: 70 Resp: 100353

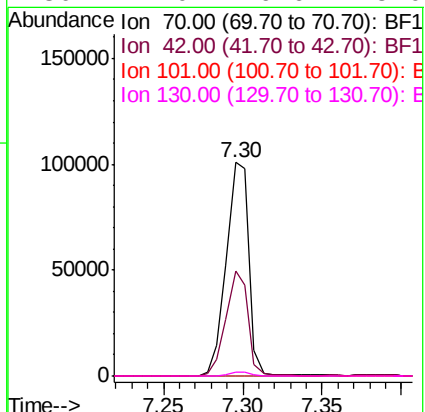
Ion Ratio Lower Upper

70 100

42 49.1 47.5 71.3

101 0.0 7.4 11.2#

130 2.0 16.6 25.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

Instrument :

BNA_F

ClientSampleId :

OILY-STONES-PADS

Tgt Ion: 136 Resp: 669875

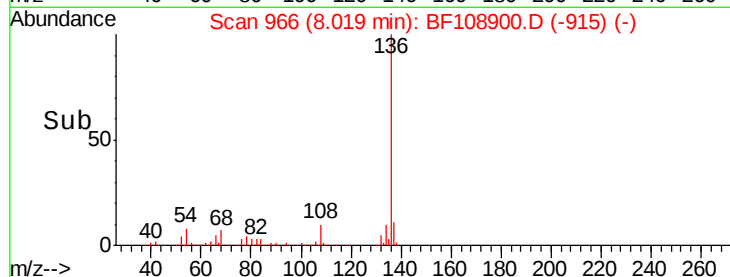
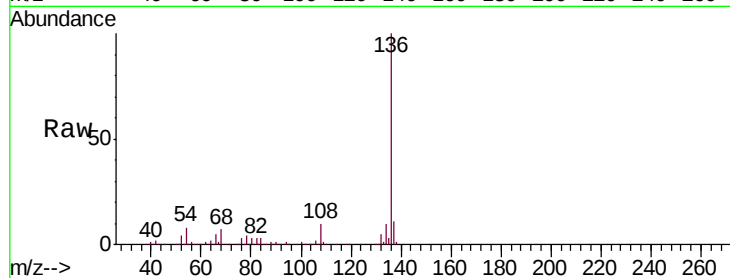
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 8.3 6.6 9.8

68 7.0 5.0 7.4

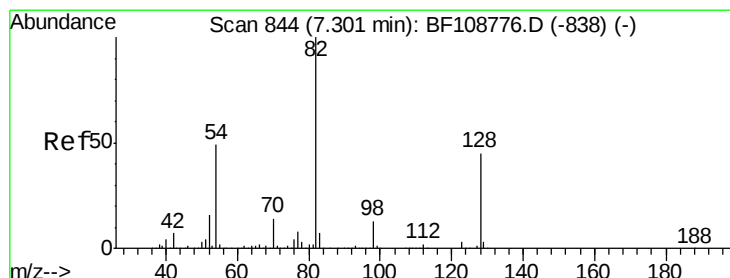
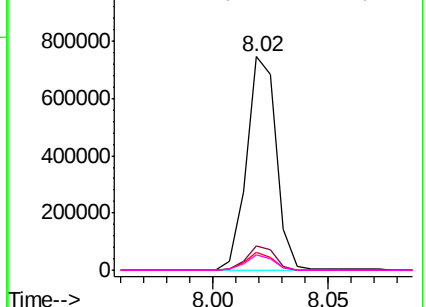


Abundance Ion 136.00 (135.70 to 136.70): E

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: 69.532 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

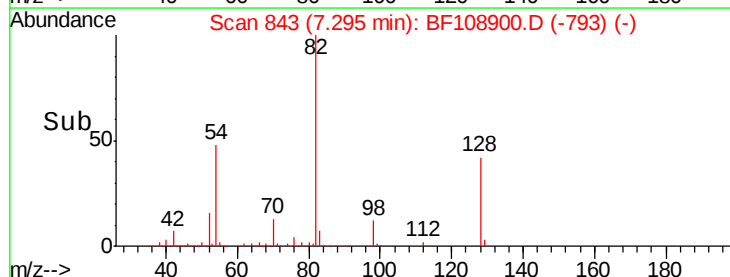
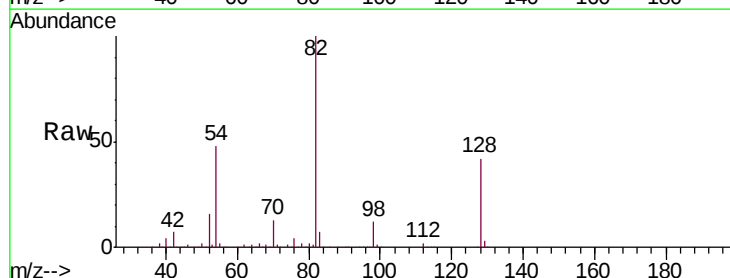
Tgt Ion: 82 Resp: 744283

Ion Ratio Lower Upper

82 100

128 42.0 36.1 54.1

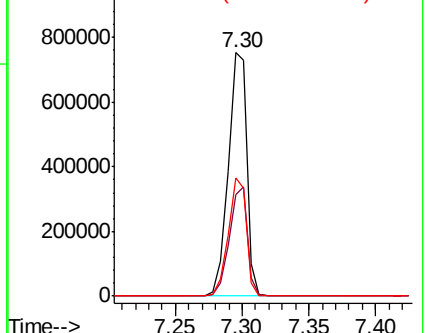
54 48.5 41.4 62.2

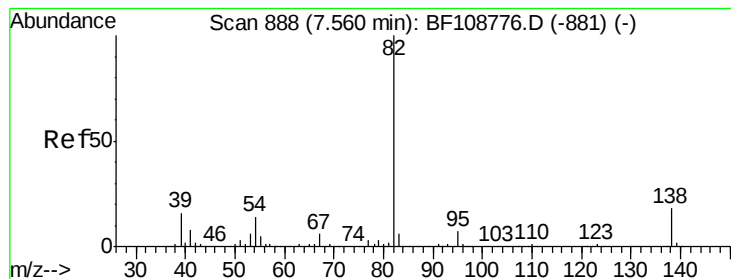


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 34.710 ng

RT: 7.30 min Scan# 843

Delta R.T. -0.26 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

Instrument :

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ClientSampleId :

OILY-STONES-PADS

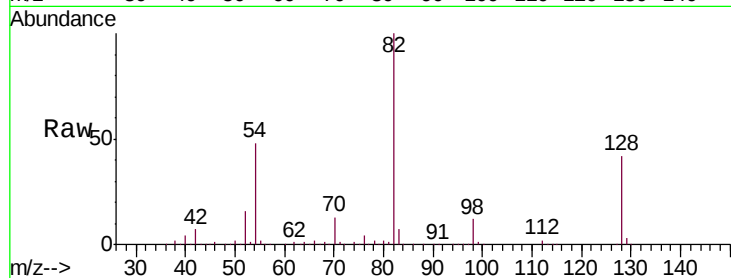
Tgt Ion: 82 Resp: 741113

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

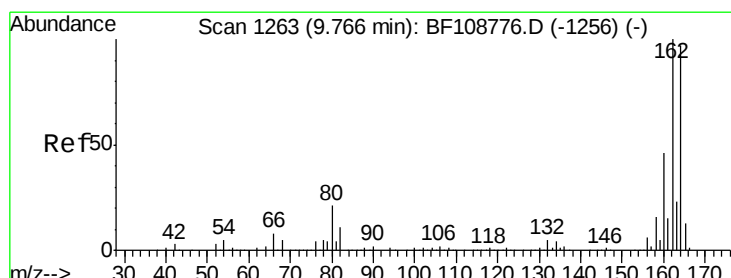
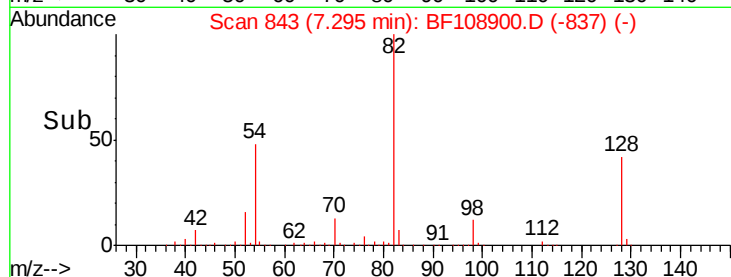
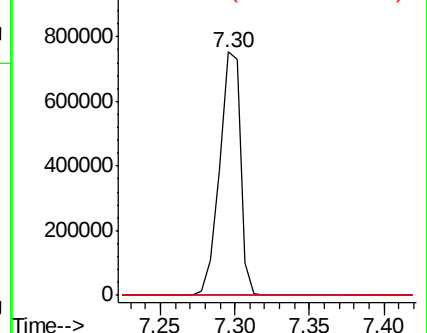
138 0.0 14.9 22.3#



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: 9.77 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

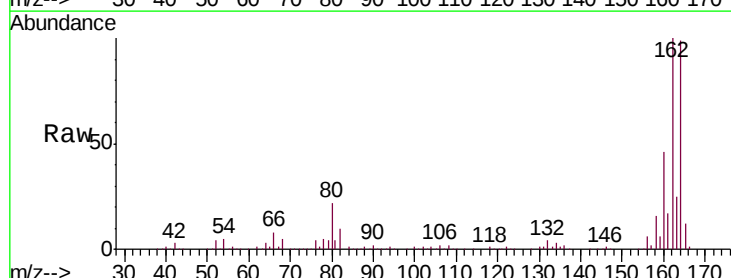
Tgt Ion: 164 Resp: 280469

Ion Ratio Lower Upper

164 100

162 100.5 86.1 129.1

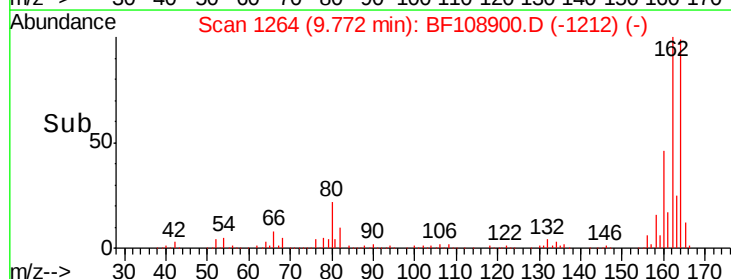
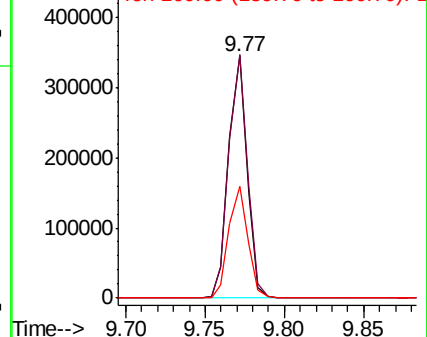
160 46.2 38.3 57.5

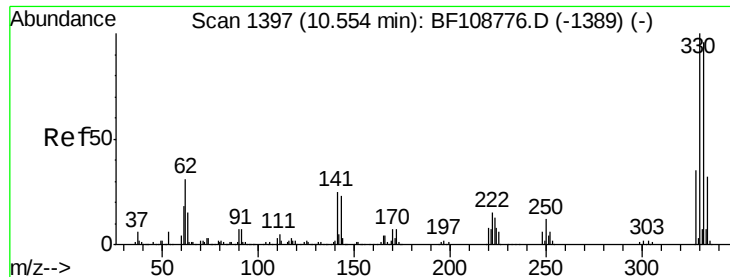


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

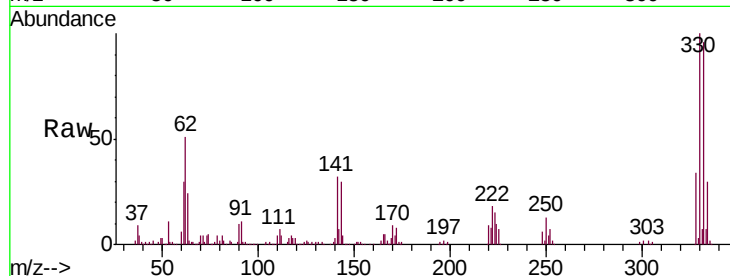




#41
 2,4,6-Tribromophenol
 Concen: 88.389 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Instrument :
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 ClientSampleId :
 OILY-STONES-PADS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	31.5	29.9	44.9

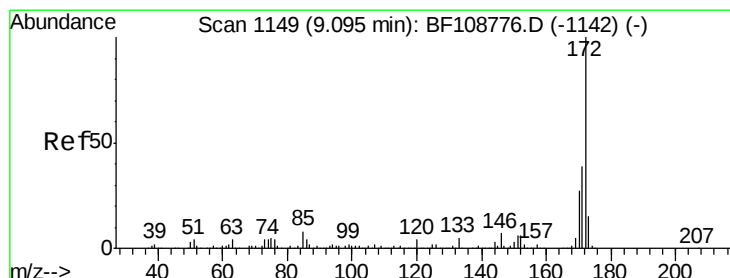
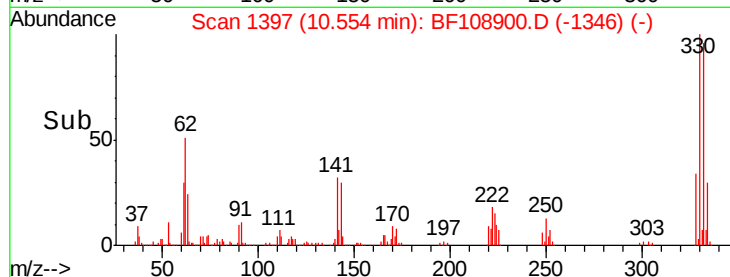
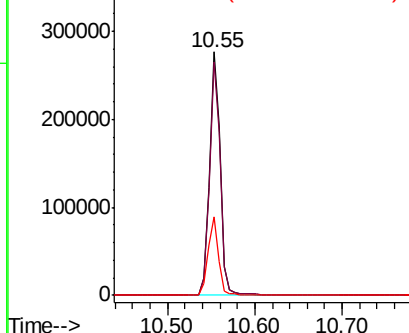


Abundance

Ion 329.80 (329.50 to 330.50): E

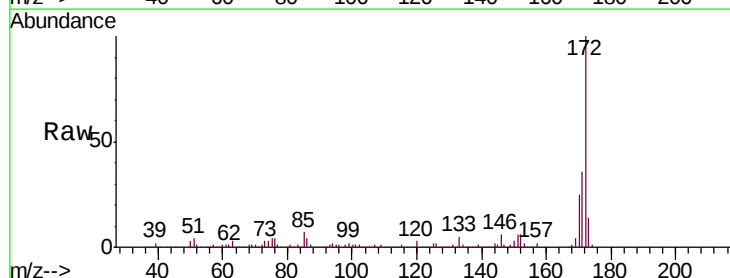
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 78.864 ng
 RT: 9.10 min Scan# 1149
 Delta R.T. -0.00 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.6	19.6	29.4

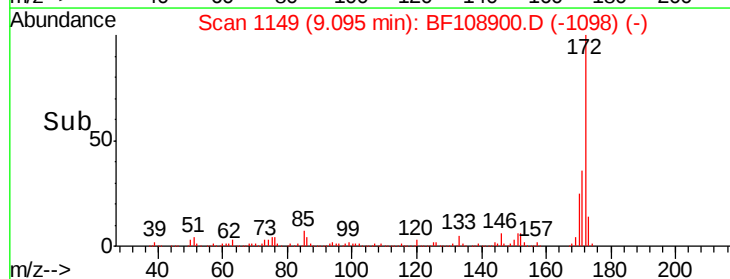
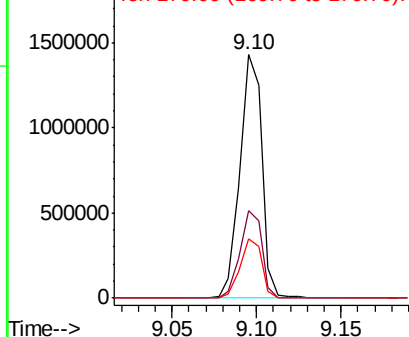


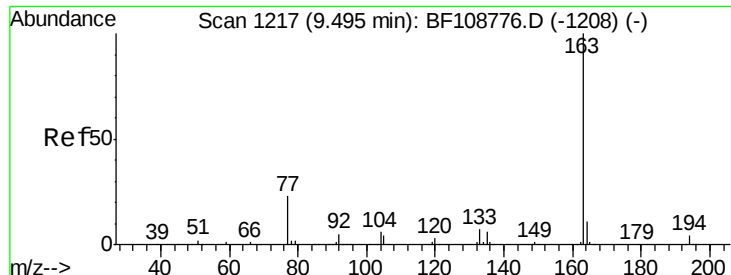
Abundance

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: 8.720 ng

RT: 9.49 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

Instrument :

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ClientSampleId :

OILY-STONES-PADS

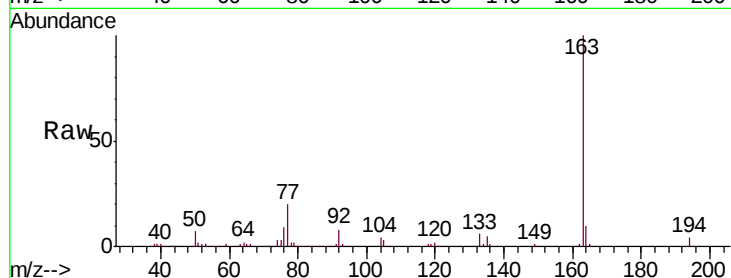
Tgt Ion:163 Resp: 171057

Ion Ratio Lower Upper

163 100

194 3.9 2.7 4.1

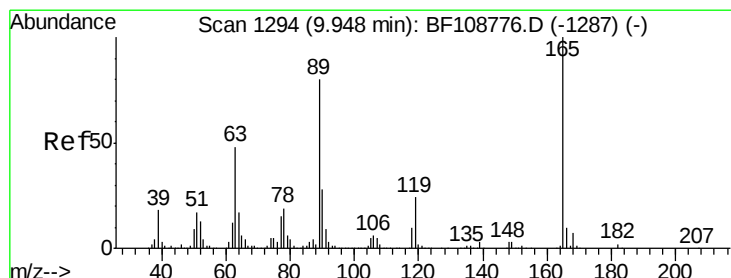
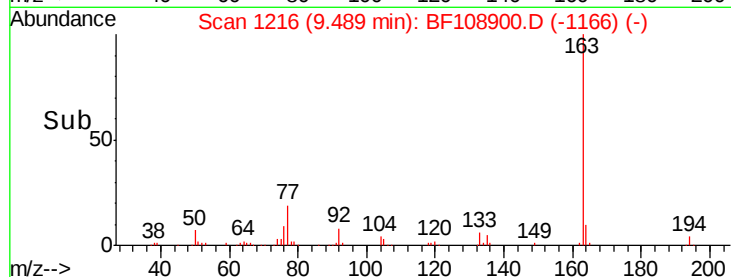
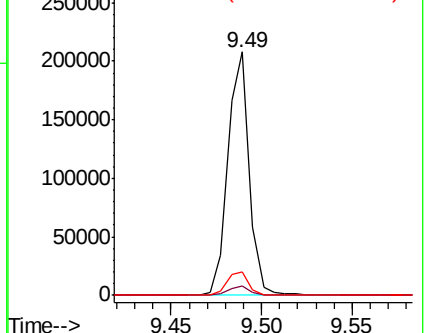
164 9.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 7.439 ng

RT: 9.77 min Scan# 1264

Delta R.T. -0.18 min

Lab File: BF108900.D

Acq: 10 Sep 2018 18:30

Tgt Ion:165 Resp: 35559

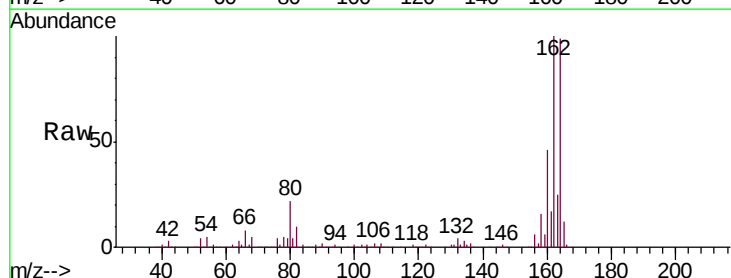
Ion Ratio Lower Upper

165 100

63 1.0 36.4 54.6#

89 1.8 57.8 86.6#

182 0.0 1.6 2.4#

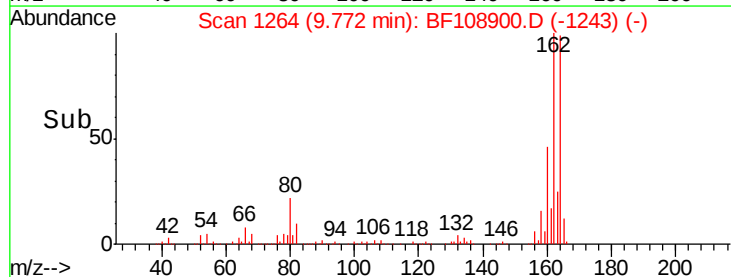
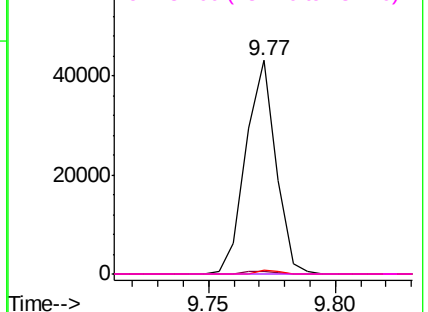


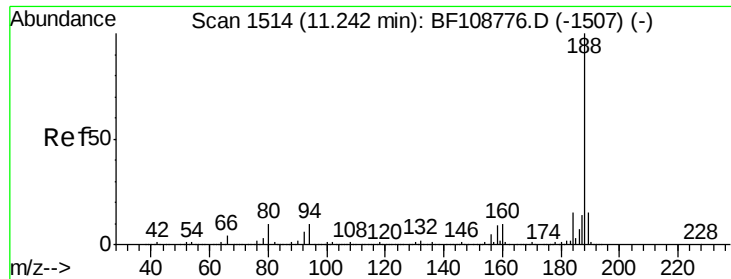
Abundance Ion 165.00 (164.70 to 165.70): E

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

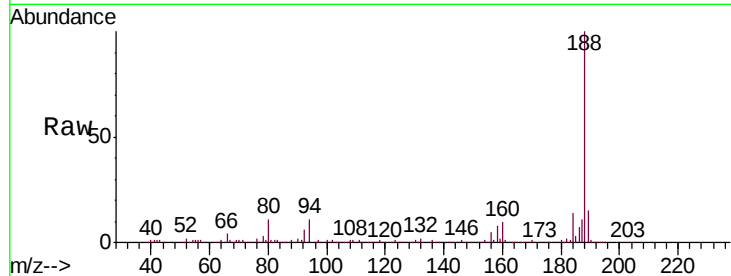




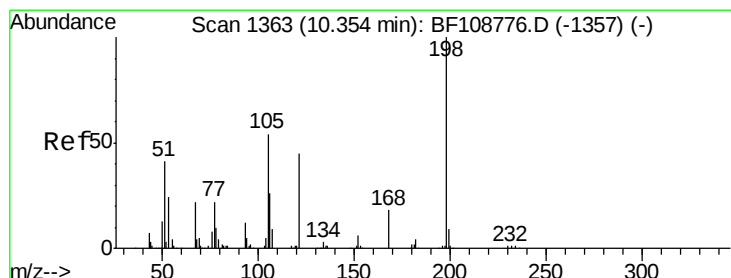
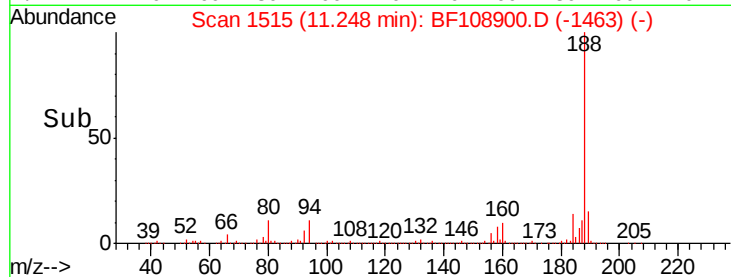
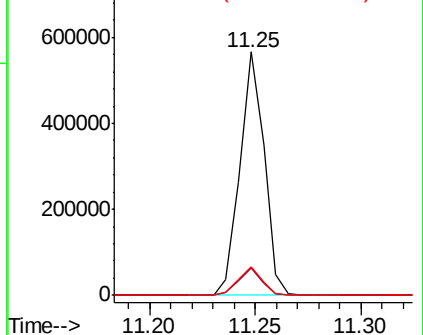
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.25 min Scan# 1515
 Delta R.T. 0.01 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-PADS

Tgt Ion:188 Resp: 449870
 Ion Ratio Lower Upper
 188 100
 94 11.0 8.5 12.7
 80 11.5 9.2 13.8

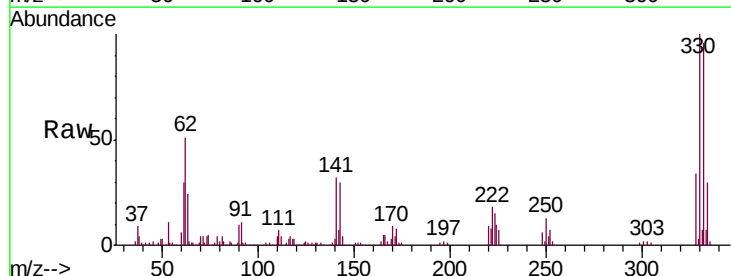


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

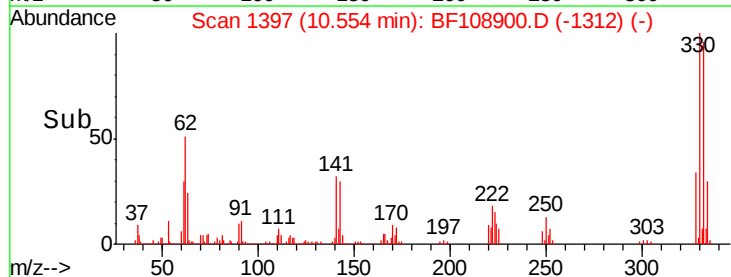
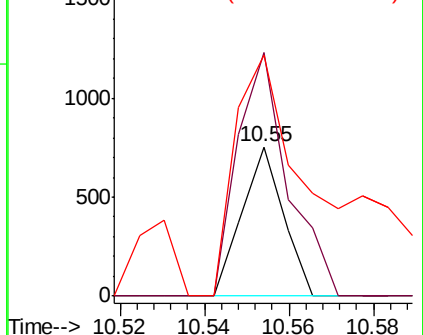


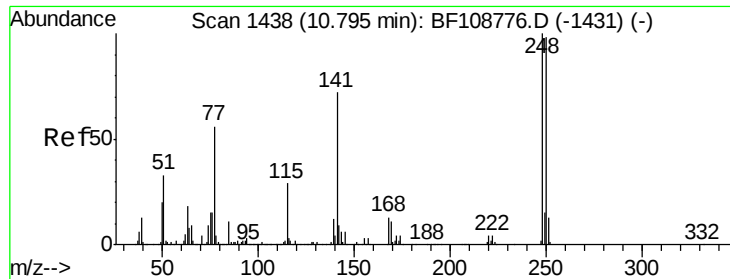
#64
 4,6-Dinitro-2-methylphenol
 Concen: 7.117 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. 0.20 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Tgt Ion:198 Resp: 514
 Ion Ratio Lower Upper
 198 100
 51 163.3 37.7 77.7#
 105 161.8 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

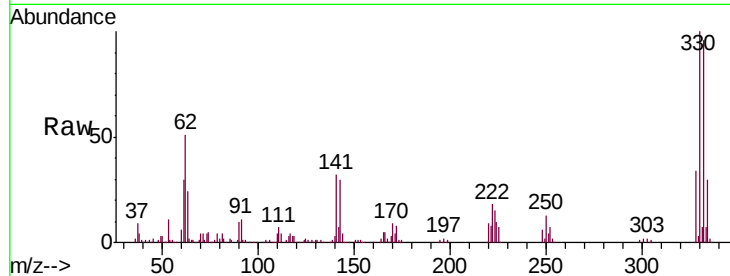




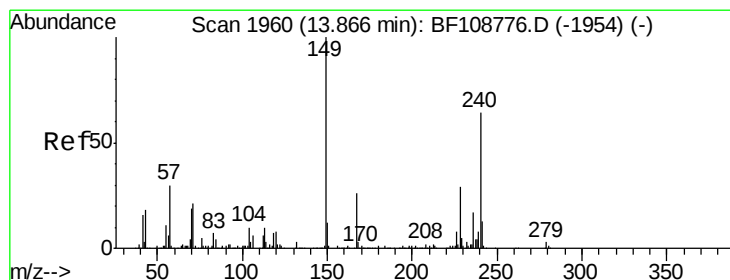
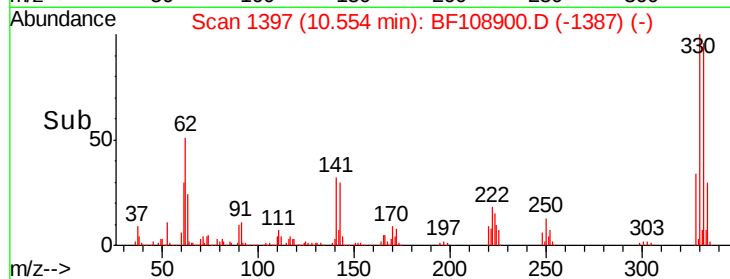
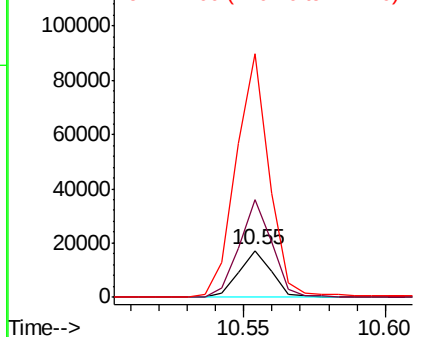
#66
 4-Bromophenyl-phenylether
 Concen: 2.734 ng
 RT: 10.55 min Scan# 1397
 Delta R.T. -0.24 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-PADS

Tgt Ion:248 Resp: 13893
 Ion Ratio Lower Upper
 248 100
 250 206.7 76.9 115.3#
 141 518.5 74.4 111.6#

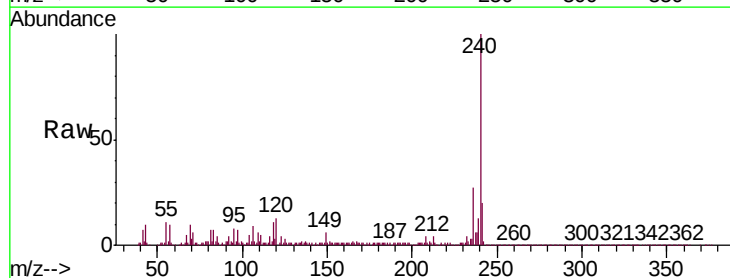


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

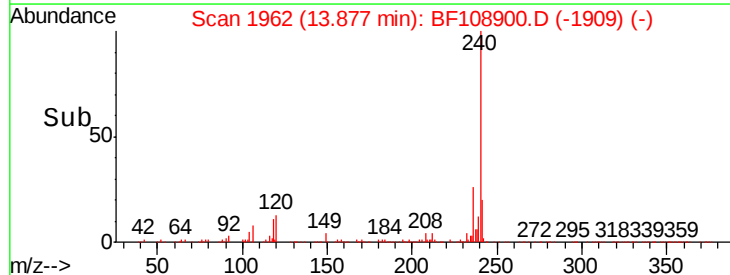
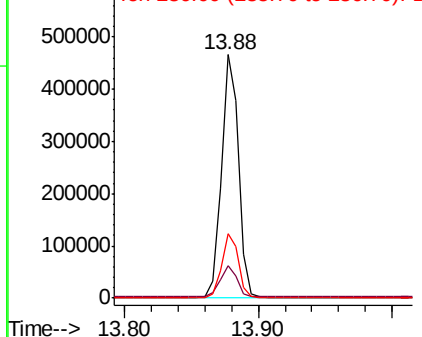


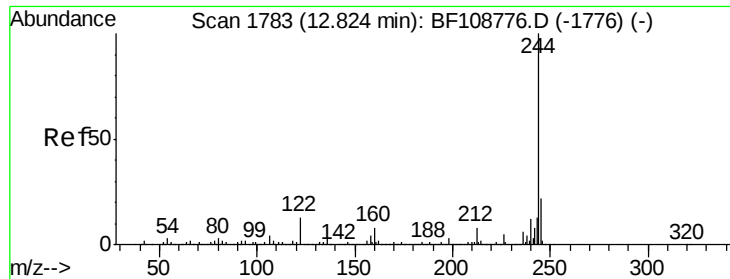
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.88 min Scan# 1962
 Delta R.T. 0.01 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Tgt Ion:240 Resp: 417117
 Ion Ratio Lower Upper
 240 100
 120 13.4 9.5 14.3
 236 26.5 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

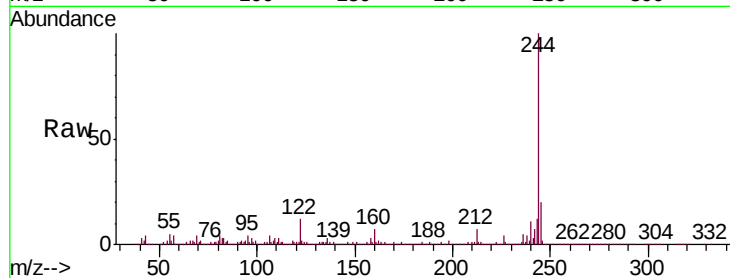




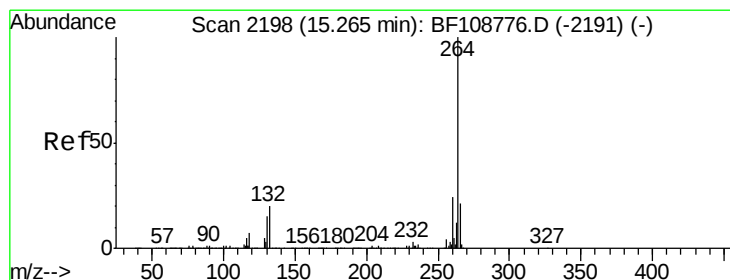
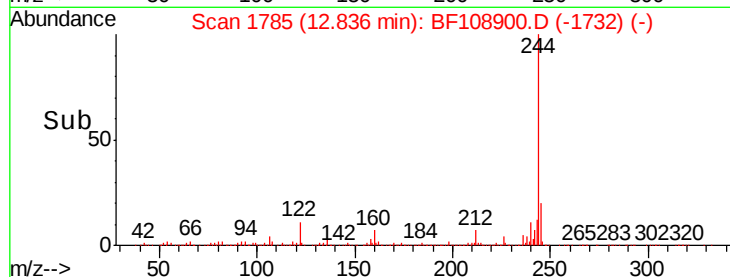
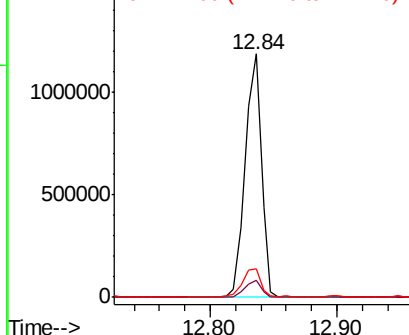
#78
 Terphenyl-d14
 Concen: 58.794 ng
 RT: 12.84 min Scan# 1785
 Delta R.T. 0.01 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES-PADS

Tgt Ion:244 Resp: 1051678
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.6 11.0 16.4

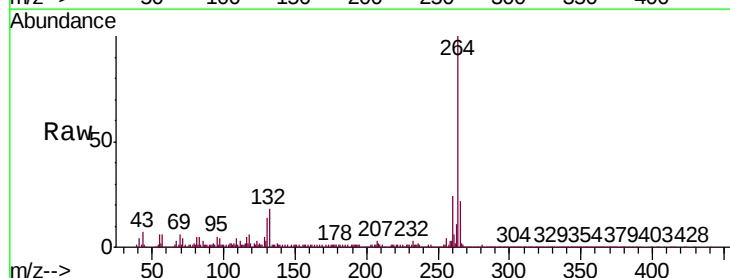


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2202
 Delta R.T. 0.02 min
 Lab File: BF108900.D
 Acq: 10 Sep 2018 18:30

Tgt Ion:264 Resp: 311997
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 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

