

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
 Data File : BF102040.D
 Acq On : 12 Jan 2018 1:01
 Operator : SJ/JU
 Sample : J1064-14
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Jan 12 02:20:54 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 11 12:53:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	232870	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	944751	20.00	ng	0.00
38) Acenaphthene-d10	9.76	164	401779	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	622701	20.00	ng	0.00
75) Chrysene-d12	13.87	240	366108	20.00	ng	0.00
86) Perylene-d12	15.29	264	366272	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	2001299	121.36	ng	0.02
7) Phenol-d6	6.37	99	2436470	123.83	ng	0.00
23) Nitrobenzene-d5	7.30	82	1574833	97.96	ng	0.00
41) 2,4,6-Tribromophenol	10.55	330	464773	132.55	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	2403941	93.47	ng	0.00
78) Terphenyl-d14	12.83	244	1774060	100.61	ng	0.00

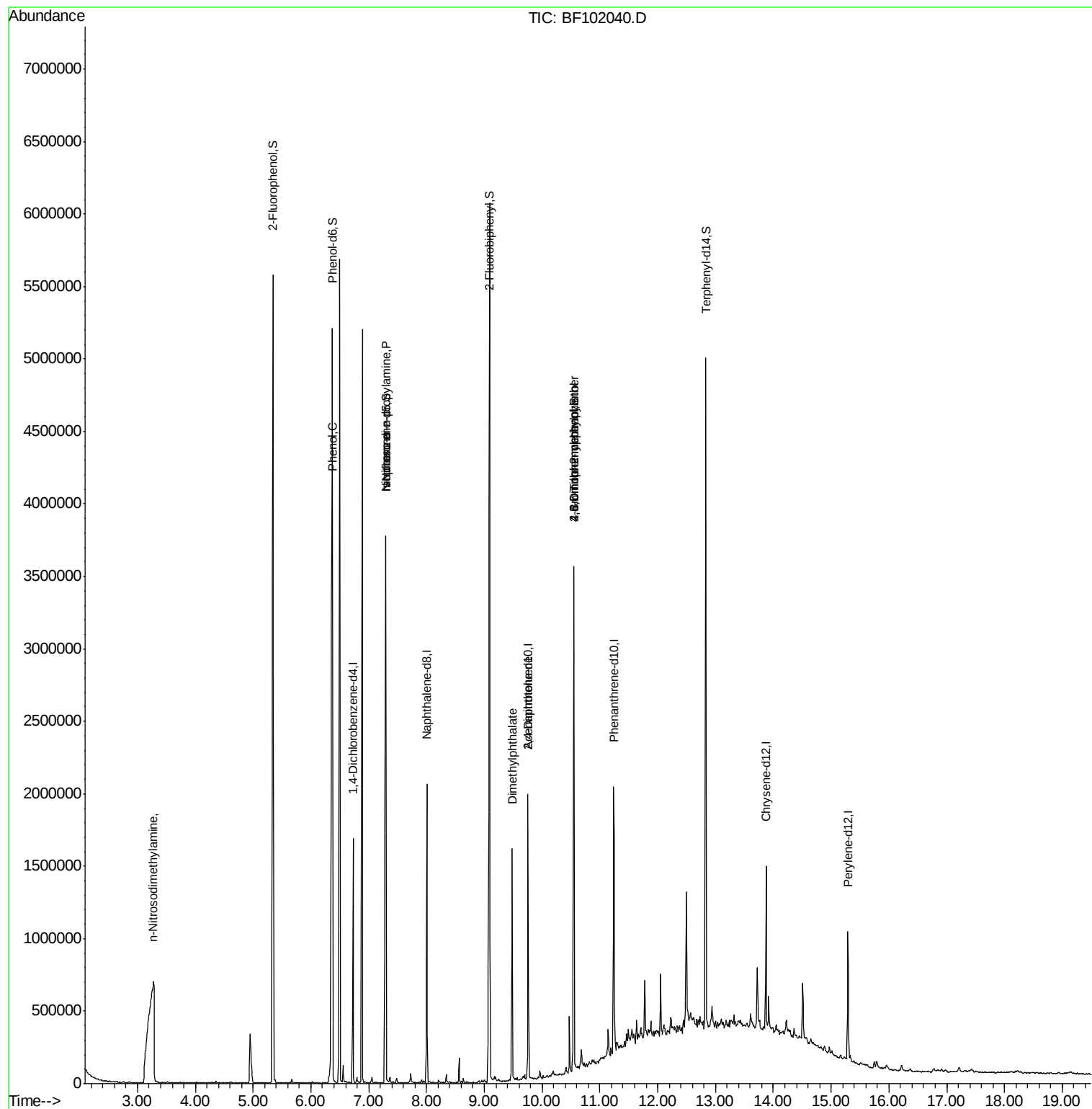
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) n-Nitrosodimethylamine	3.26	42	94554	10.046	ng	# 1
10) Phenol	6.38	94	115470	5.193	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	215307	16.698	ng	# 81
25) Isophorone	7.30	82	1572607	49.505	ng	# 64
49) Dimethylphthalate	9.48	163	593063	18.400	ng	99
56) 2,4-Dinitrotoluene	9.76	165	52115	6.458	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.55	198	1150	5.962	ng	# 1
66) 4-Bromophenyl-phenylether	10.55	248	29648	4.509	ng	# 1

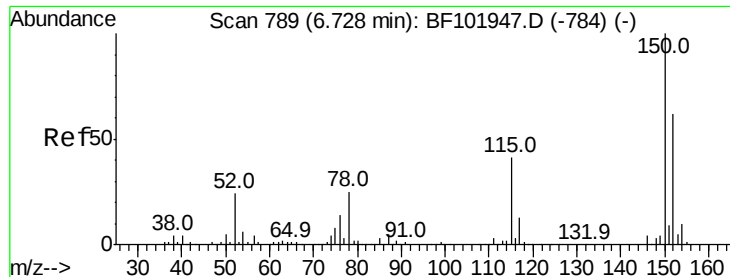
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102040.D
Acq On : 12 Jan 2018 1:01
Operator : SJ/JU
Sample : J1064-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Quant Time: Jan 12 02:20:54 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration



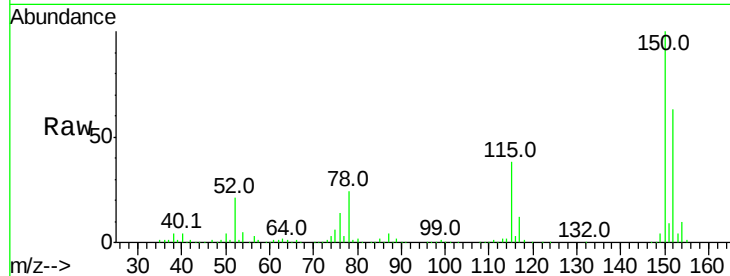


#1

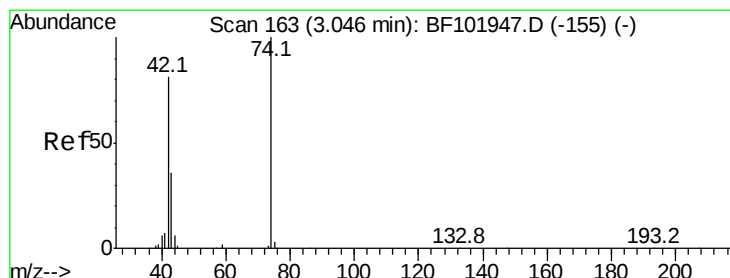
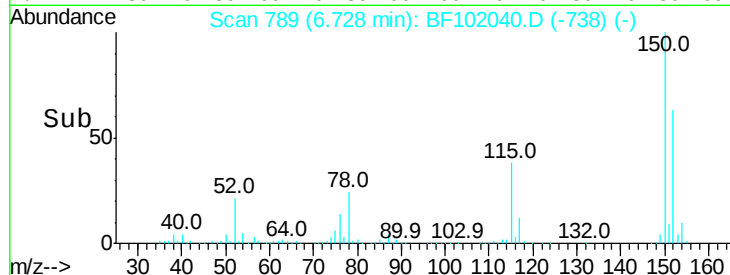
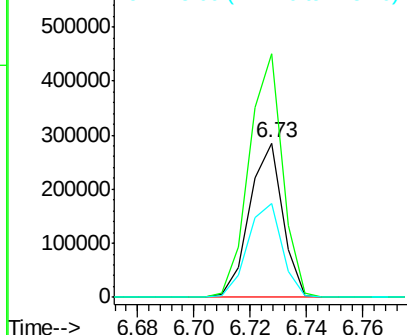
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF102040.D
Acq: 12 Jan 2018 1:01

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:152 Resp: 232870
Ion Ratio Lower Upper
152 100
150 157.8 124.6 186.8
115 60.6 50.1 75.1



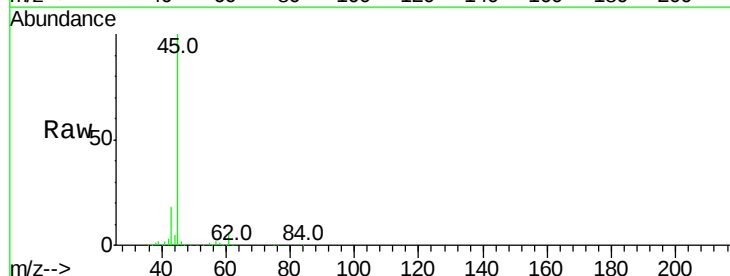
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



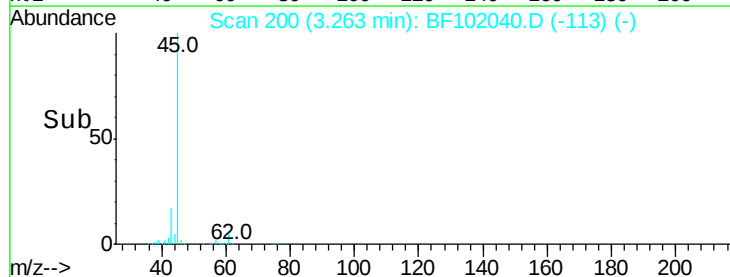
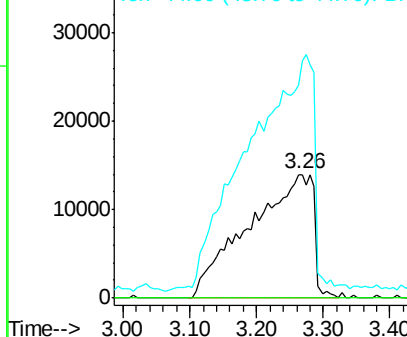
#4

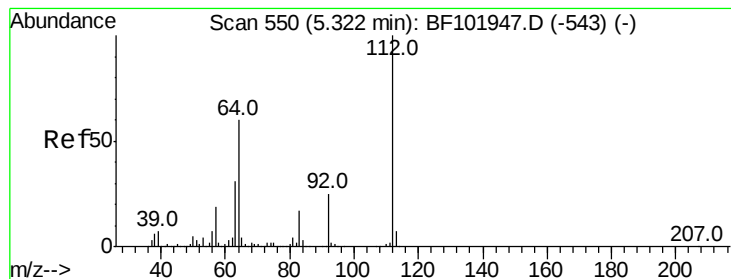
n-Nitrosodimethylamine
Concen: 10.046 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.21 min
Lab File: BF102040.D
Acq: 12 Jan 2018 1:01

Tgt Ion: 42 Resp: 94554
Ion Ratio Lower Upper
42 100
74 0.0 104.9 157.3#
44 172.0 6.9 10.3#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 121.355 ng

RT: 5.35 min Scan# 554

Delta R.T. 0.02 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

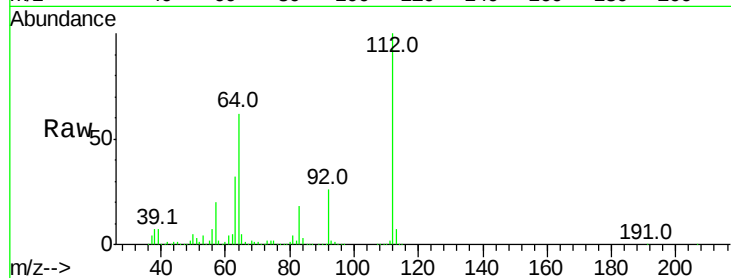
Tot Ion:112 Resp: 2001299

Ion Ratio Lower Upper

112 100

64 61.6 47.9 71.9

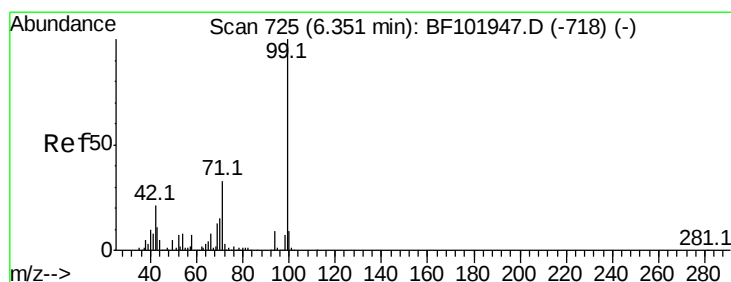
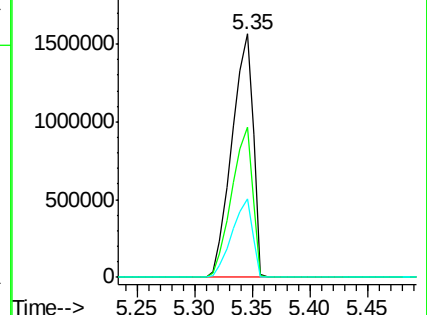
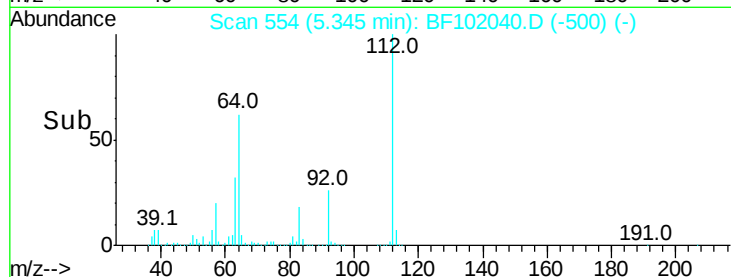
63 32.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#7

Phenol-d6

Concen: 123.831 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.01 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

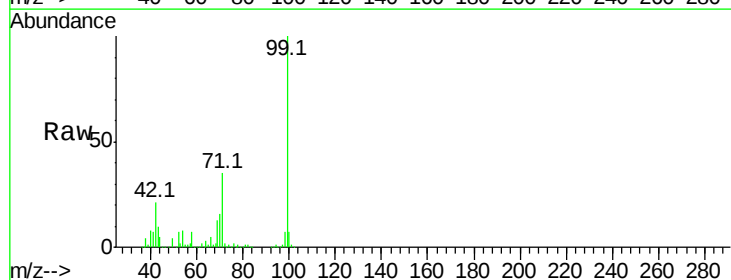
Tgt Ion: 99 Resp: 2436470

Ion Ratio Lower Upper

99 100

42 21.0 14.5 21.7

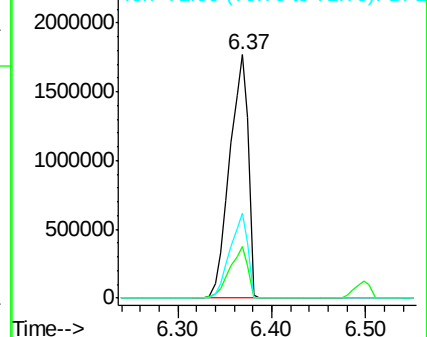
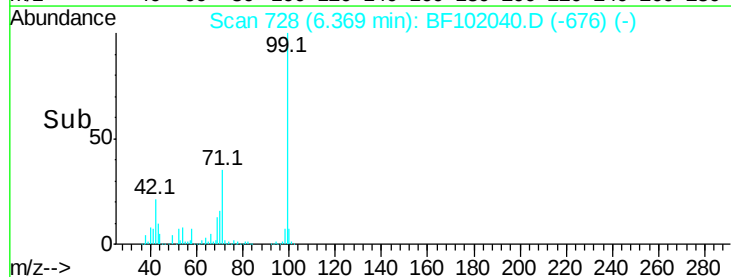
71 34.9 25.4 38.0

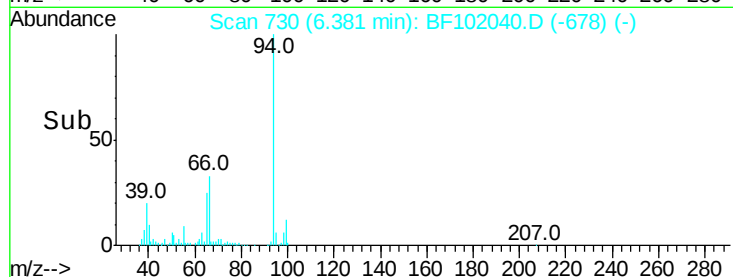
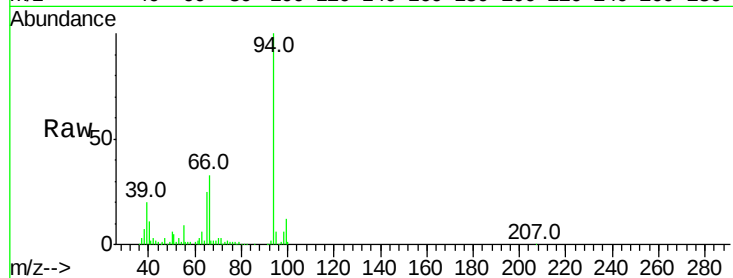
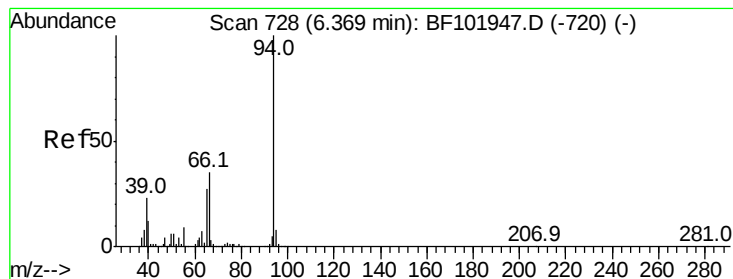


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 5.193 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

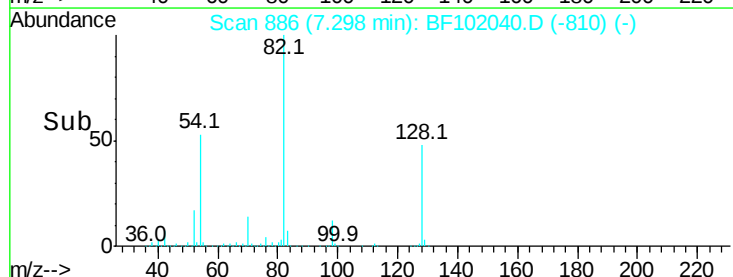
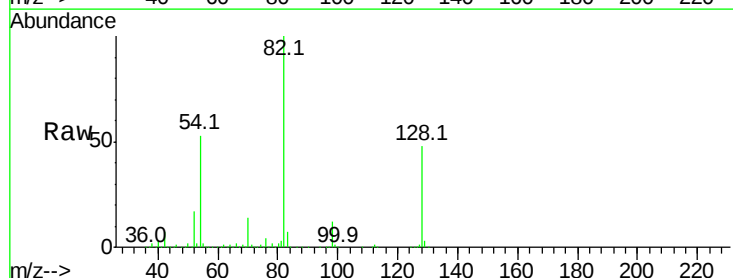
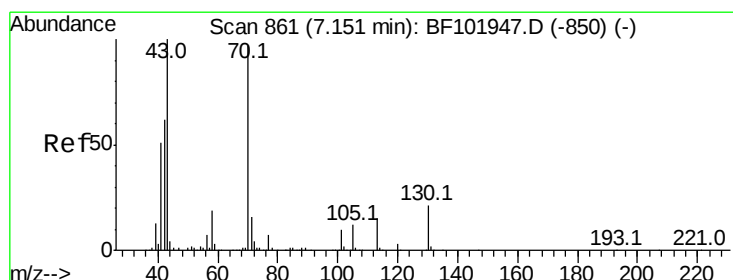
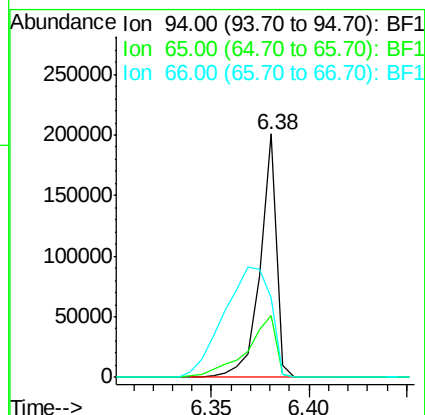
Tot Ion: 94 Resp: 115470

Ion Ratio Lower Upper

94 100

65 25.3 7.9 47.9

66 32.7 16.2 56.2



#19

n-Nitroso-di-n-propylamine

Concen: 16.698 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.15 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Tgt Ion: 70 Resp: 215307

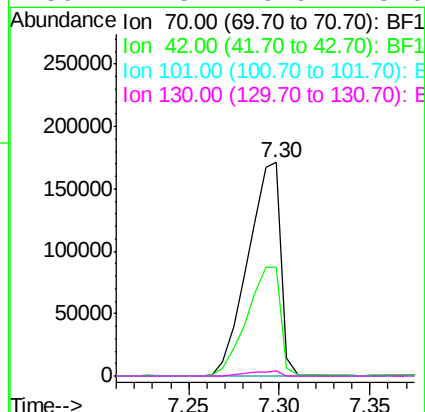
Ion Ratio Lower Upper

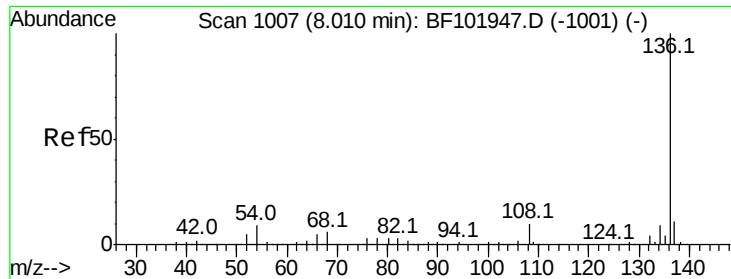
70 100

42 50.8 47.5 71.3

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

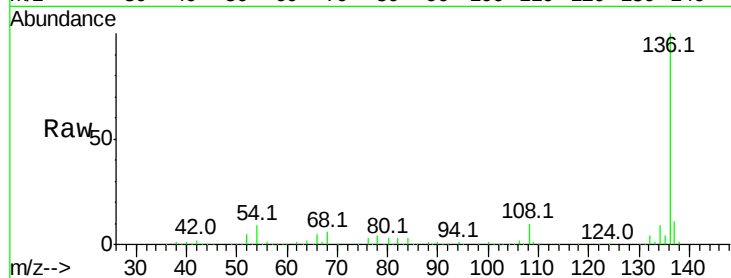




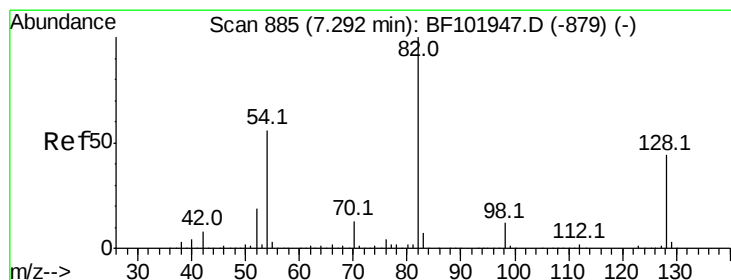
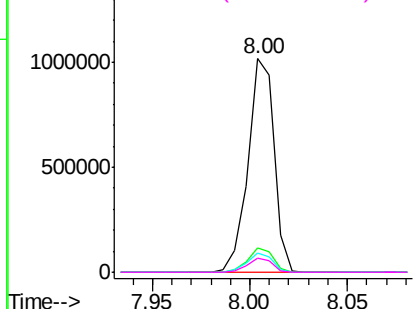
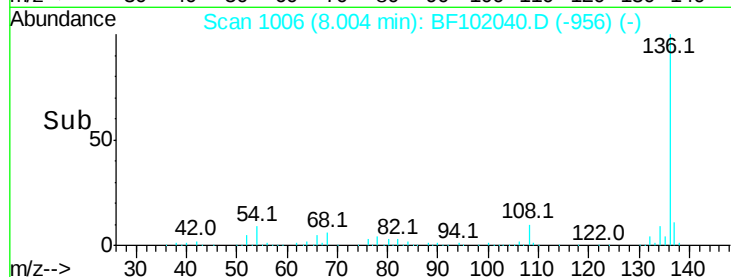
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BF102040.D
Acq: 12 Jan 2018 1:01

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:136 Resp: 944751
Ion Ratio Lower Upper
136 100
137 11.2 8.9 13.3
54 9.2 6.6 9.8
68 6.5 5.0 7.4

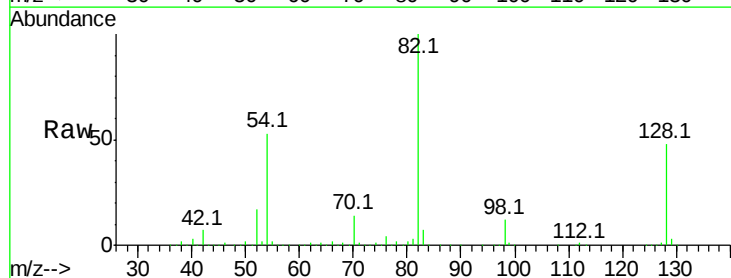


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

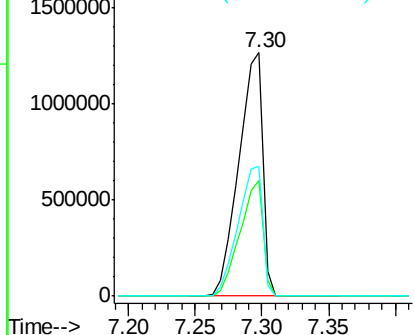
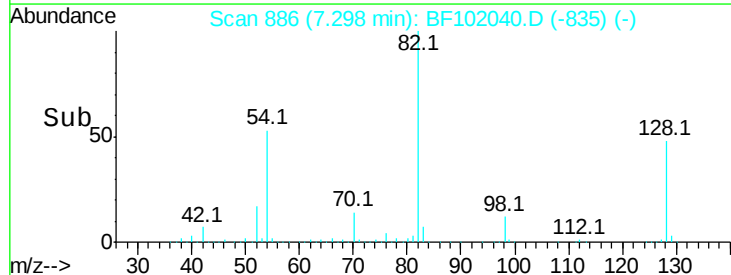


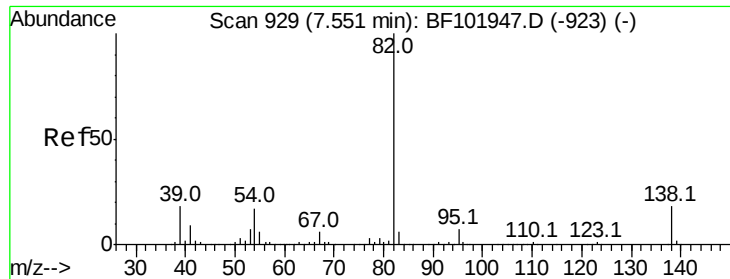
#23
Nitrobenzene-d5
Concen: 97.956 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF102040.D
Acq: 12 Jan 2018 1:01

Tgt Ion: 82 Resp: 1574833
Ion Ratio Lower Upper
82 100
128 47.5 36.1 54.1
54 53.4 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: 49.505 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.25 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

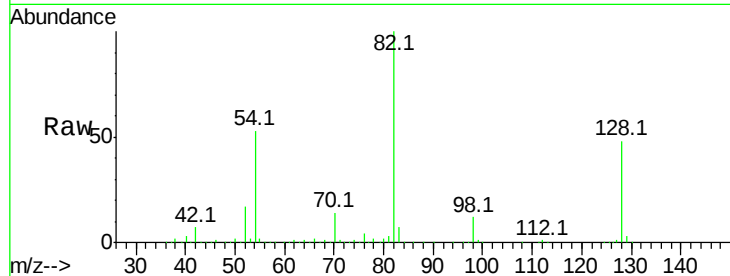
Tot Ion: 82 Resp: 1572607

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

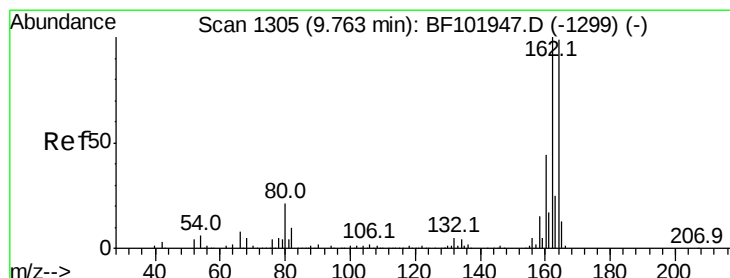
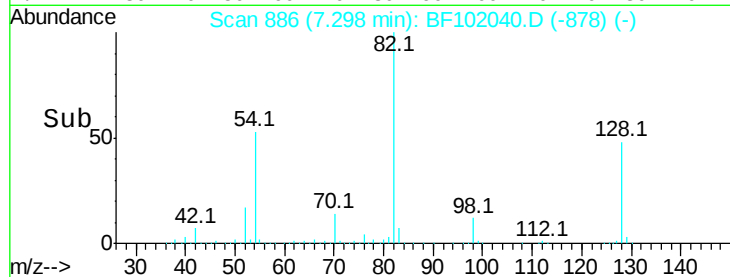
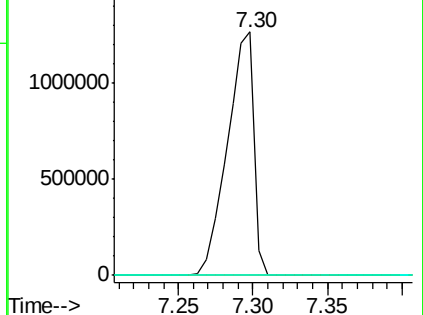
138 0.0 14.9 22.3#



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: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

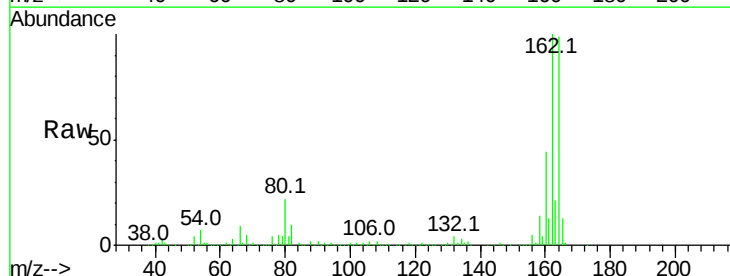
Tgt Ion:164 Resp: 401779

Ion Ratio Lower Upper

164 100

162 100.7 86.1 129.1

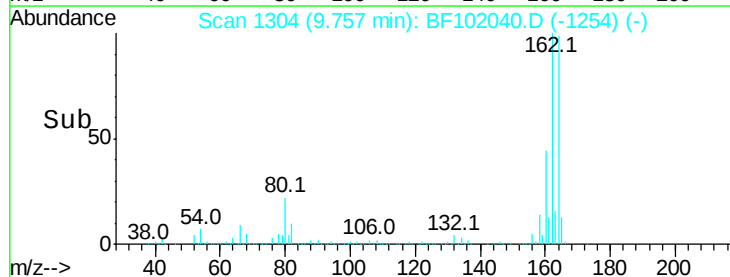
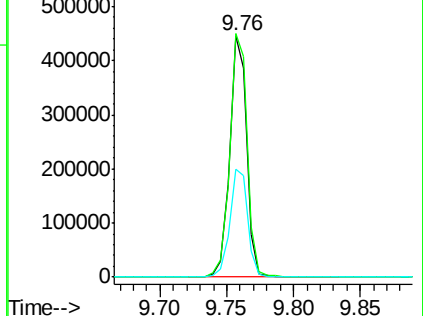
160 44.6 38.3 57.5

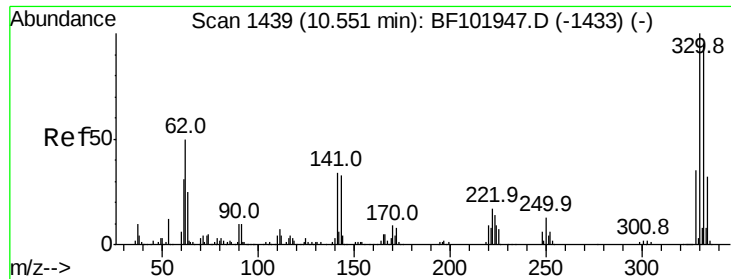


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

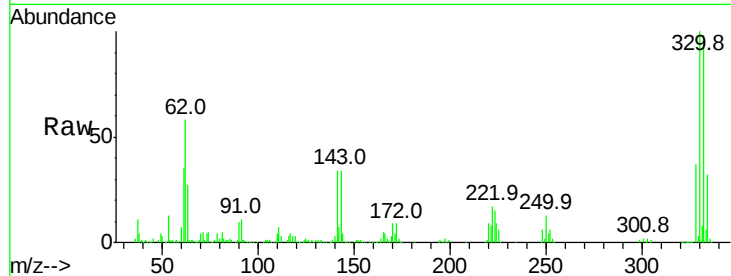




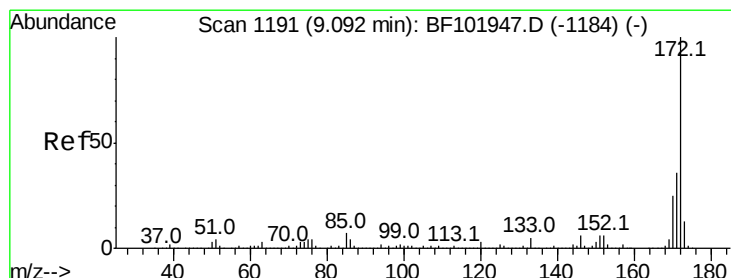
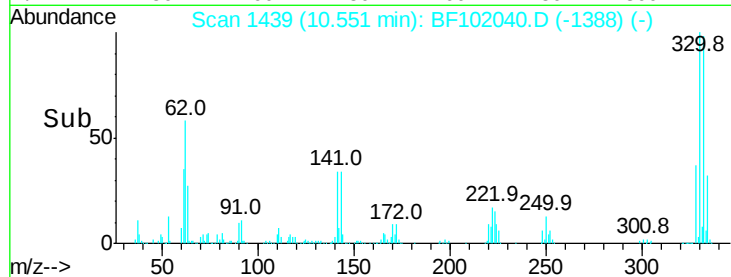
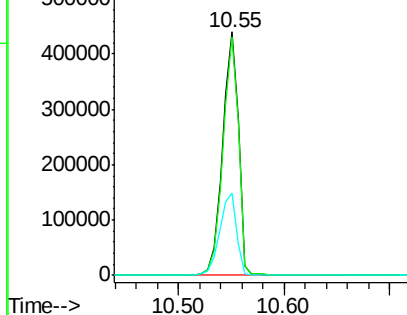
#41
 2,4,6-Tribromophenol
 Concen: 132.555 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.00 min
 Lab File: BF102040.D
 Acq: 12 Jan 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:330 Resp: 464773
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 36.2 29.9 44.9

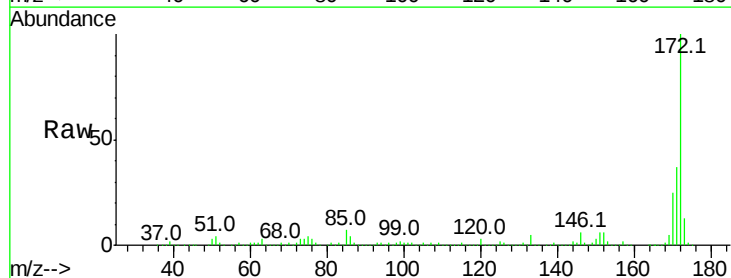


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

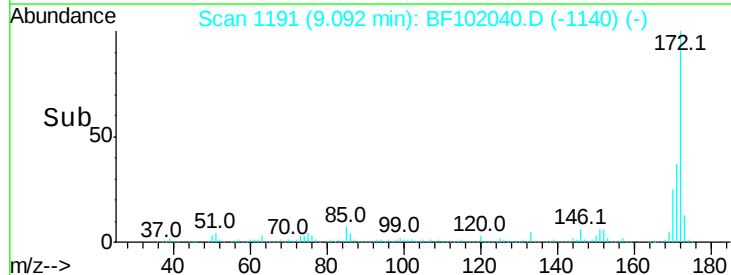
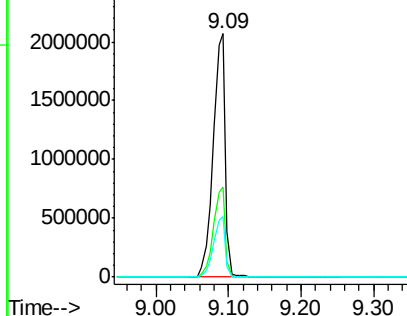


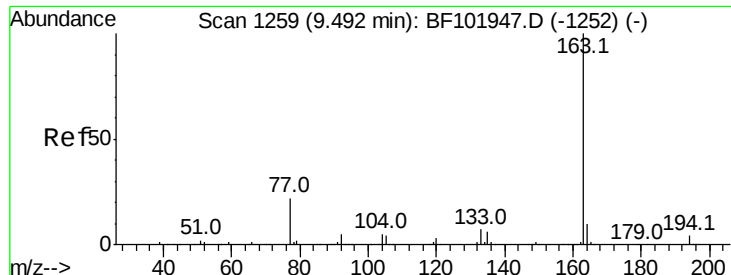
#44
 2-Fluorobiphenyl
 Concen: 93.474 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: BF102040.D
 Acq: 12 Jan 2018 1:01

Tgt Ion:172 Resp: 2403941
 Ion Ratio Lower Upper
 172 100
 171 37.2 29.7 44.5
 170 24.7 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: 18.400 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

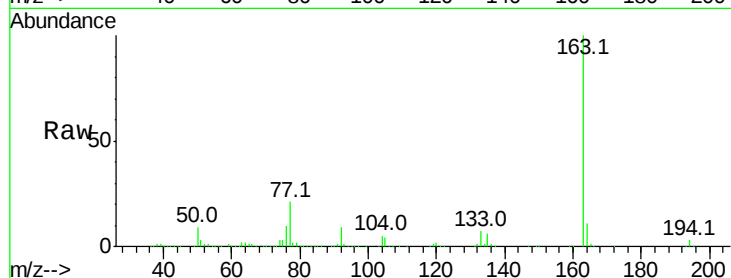
Tot Ion:163 Resp: 593063

Ion Ratio Lower Upper

163 100

194 3.3 2.7 4.1

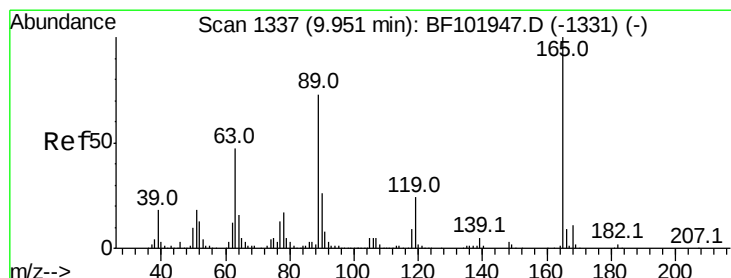
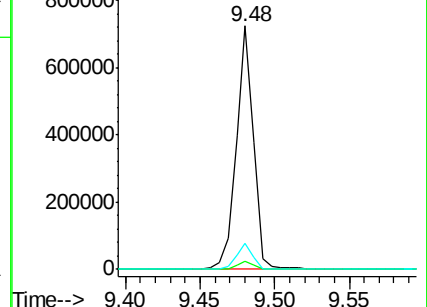
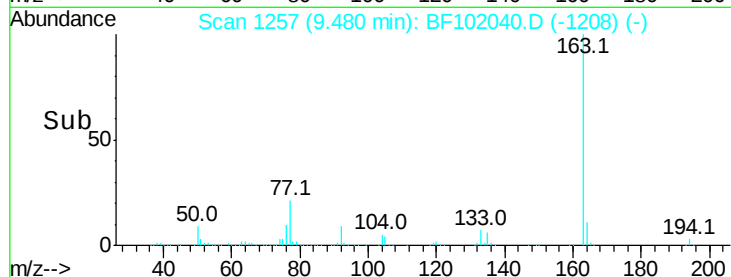
164 10.7 8.2 12.2



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



#56

2,4-Dinitrotoluene

Concen: 6.458 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Tgt Ion:165 Resp: 52115

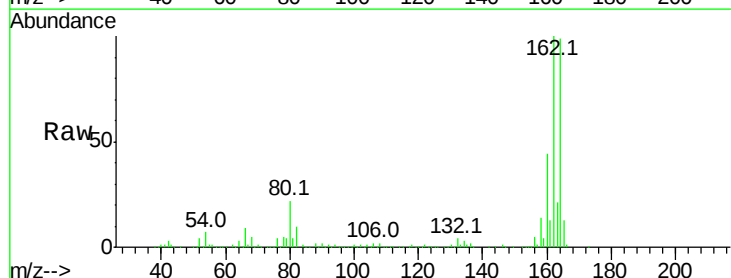
Ion Ratio Lower Upper

165 100

63 1.3 36.4 54.6#

89 1.2 57.8 86.6#

182 0.0 1.6 2.4#

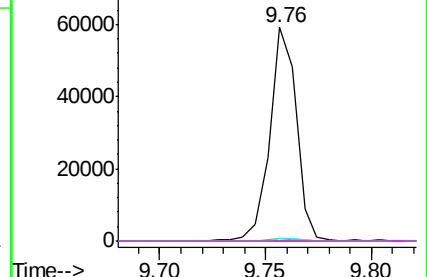
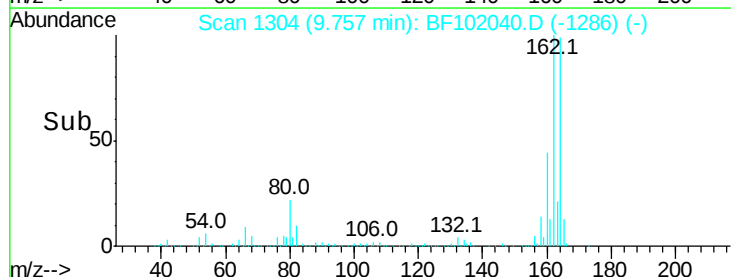


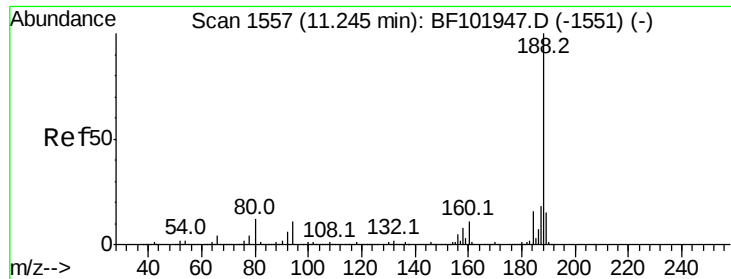
Abundance Ion 165.00 (164.70 to 165.70): E

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

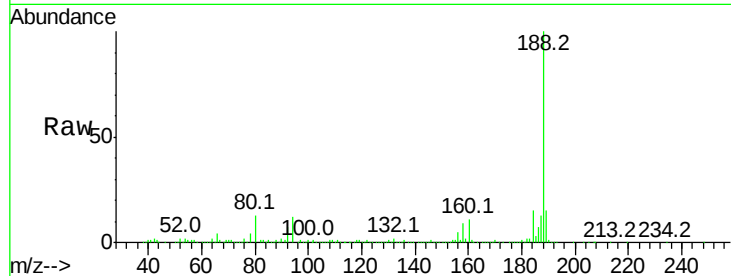




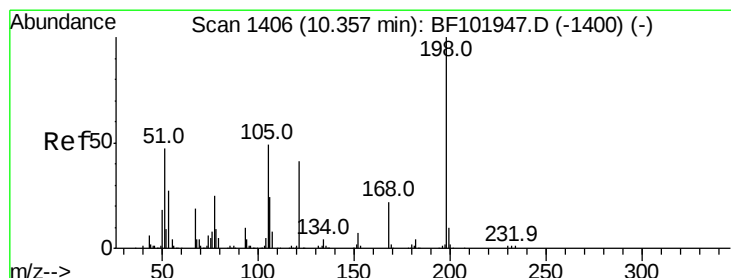
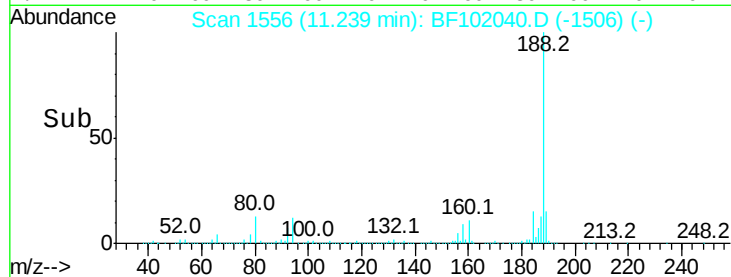
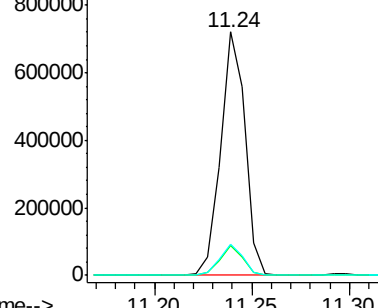
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF102040.D
 Acq: 12 Jan 2018 1:01

Instrument :
 BNA_F
 ClientSampleId :
 OILY-STONES

Tot Ion:188 Resp: 622701
 Ion Ratio Lower Upper
 188 100
 94 12.1 8.5 12.7
 80 13.0 9.2 13.8

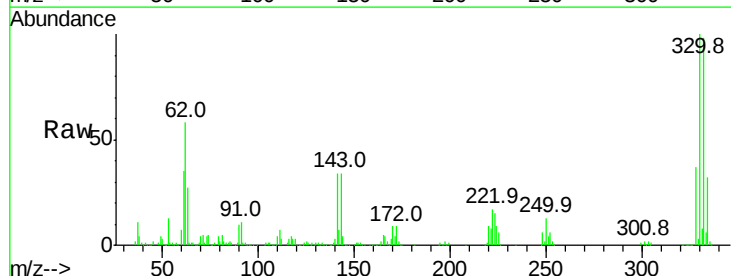


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1

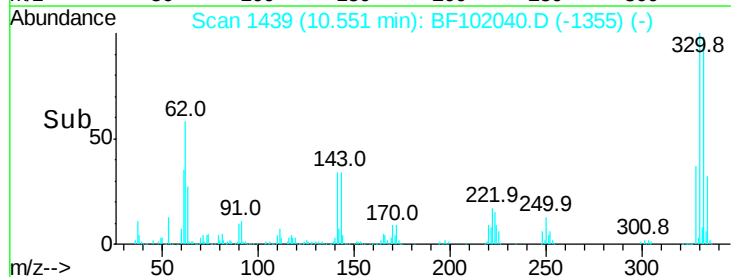
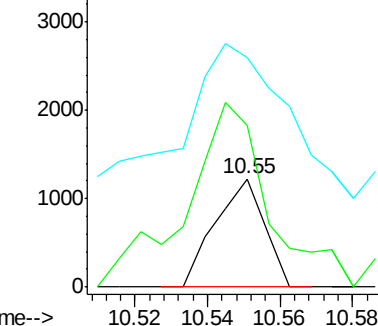


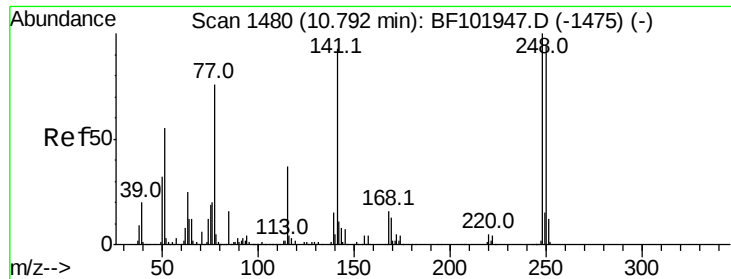
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.962 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. 0.19 min
 Lab File: BF102040.D
 Acq: 12 Jan 2018 1:01

Tgt Ion:198 Resp: 1150
 Ion Ratio Lower Upper
 198 100
 51 149.6 37.7 77.7#
 105 212.0 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

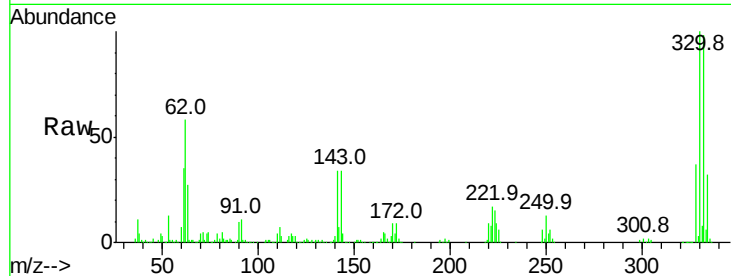




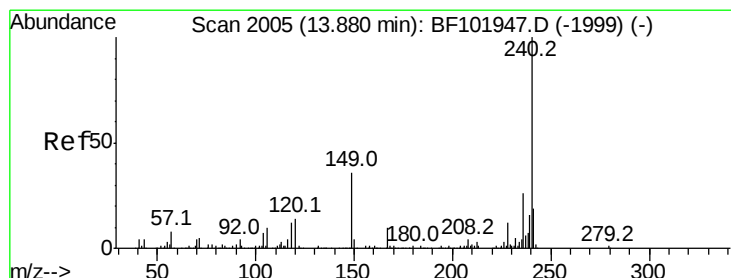
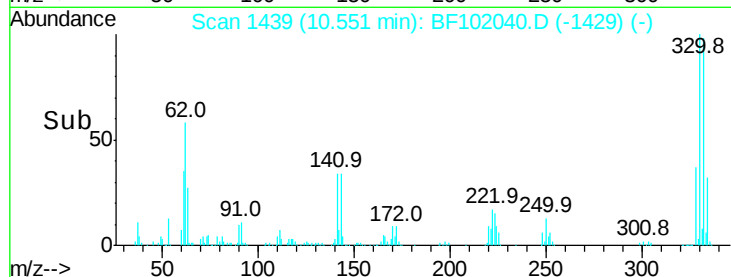
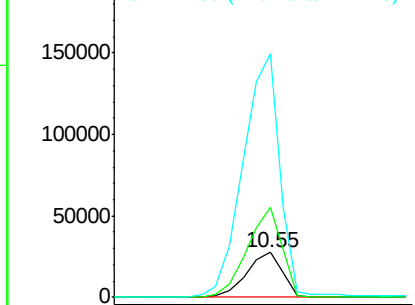
#66
4-Bromophenyl-phenylether
Concen: 4.509 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.24 min
Lab File: BF102040.D
Acq: 12 Jan 2018 1:01

Instrument :
BNA_F
ClientSampleId :
OILY-STONES

Tot Ion:248 Resp: 29648
Ion Ratio Lower Upper
248 100
250 201.4 76.9 115.3#
141 541.2 74.4 111.6#

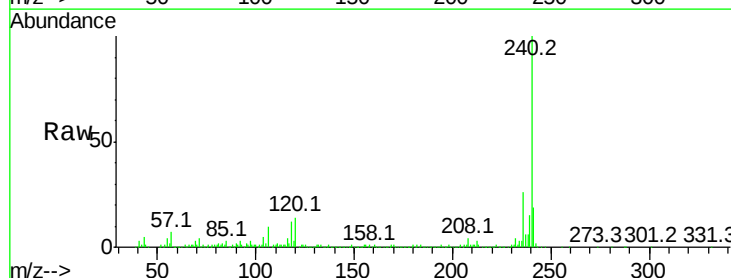


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

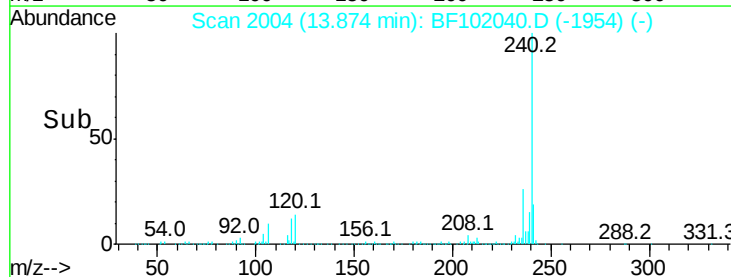
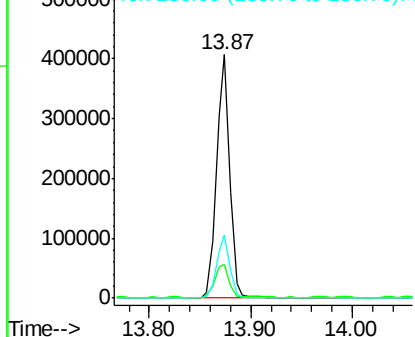


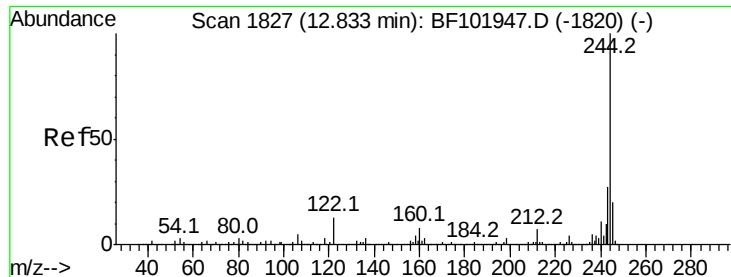
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.87 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF102040.D
Acq: 12 Jan 2018 1:01

Tgt Ion:240 Resp: 366108
Ion Ratio Lower Upper
240 100
120 14.0 9.5 14.3
236 25.8 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: 100.610 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

Instrument :

BNA_F

ClientSampleId :

OILY-STONES

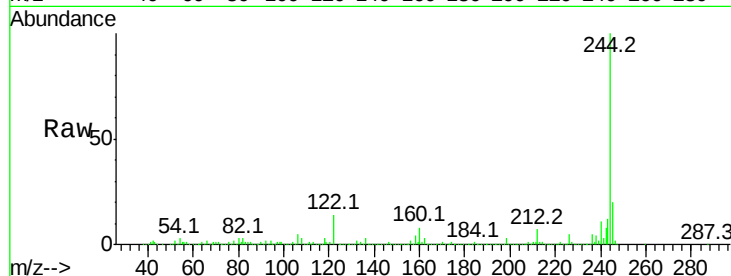
Tot Ion:244 Resp: 1774060

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

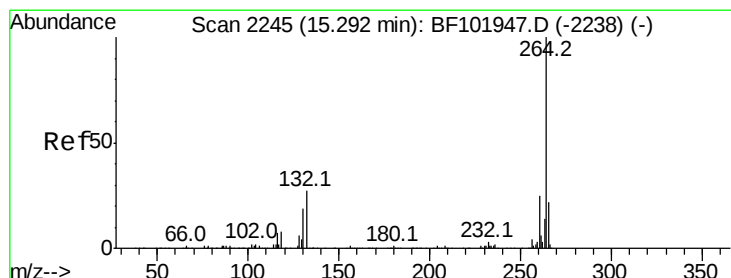
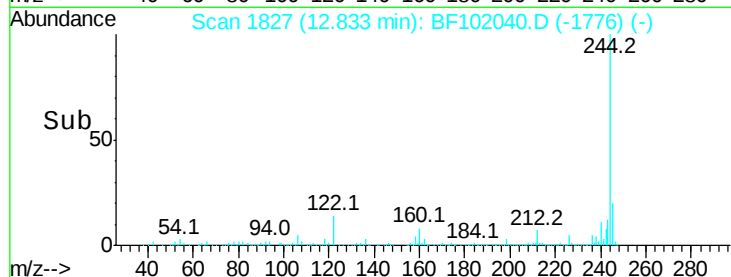
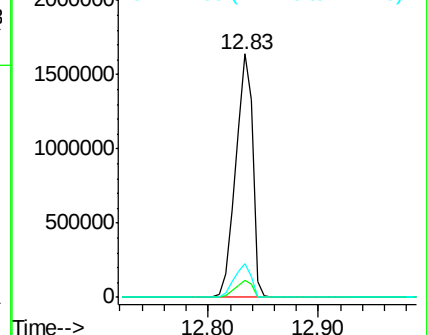
122 13.8 11.0 16.4



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# 2245

Delta R.T. -0.00 min

Lab File: BF102040.D

Acq: 12 Jan 2018 1:01

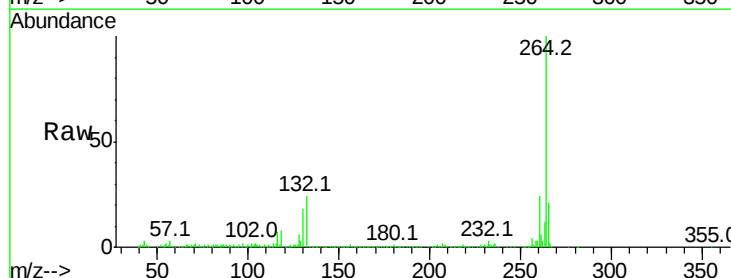
Tgt Ion:264 Resp: 366272

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.8 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

