

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG111918\
 Data File : BG038070.D
 Acq On : 19 Nov 2018 20:02
 Operator : JU/SJ
 Sample : J5963-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FS-OILY-STONE

Quant Time: Nov 20 00:43:48 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	44528	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	192067	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	119888	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	268464	20.00	ng	0.00
76) Chrysene-d12	21.75	240	255851	20.00	ng	0.00
87) Perylene-d12	25.07	264	269543	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	282178	109.41	ng	0.00
7) Phenol-d6	7.23	99	362815	98.55	ng	0.00
23) Nitrobenzene-d5	9.27	82	282782	78.81	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	156080	114.15	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	637163	77.43	ng	0.00
79) Terphenyl-d14	20.07	244	931979	85.71	ng	0.00

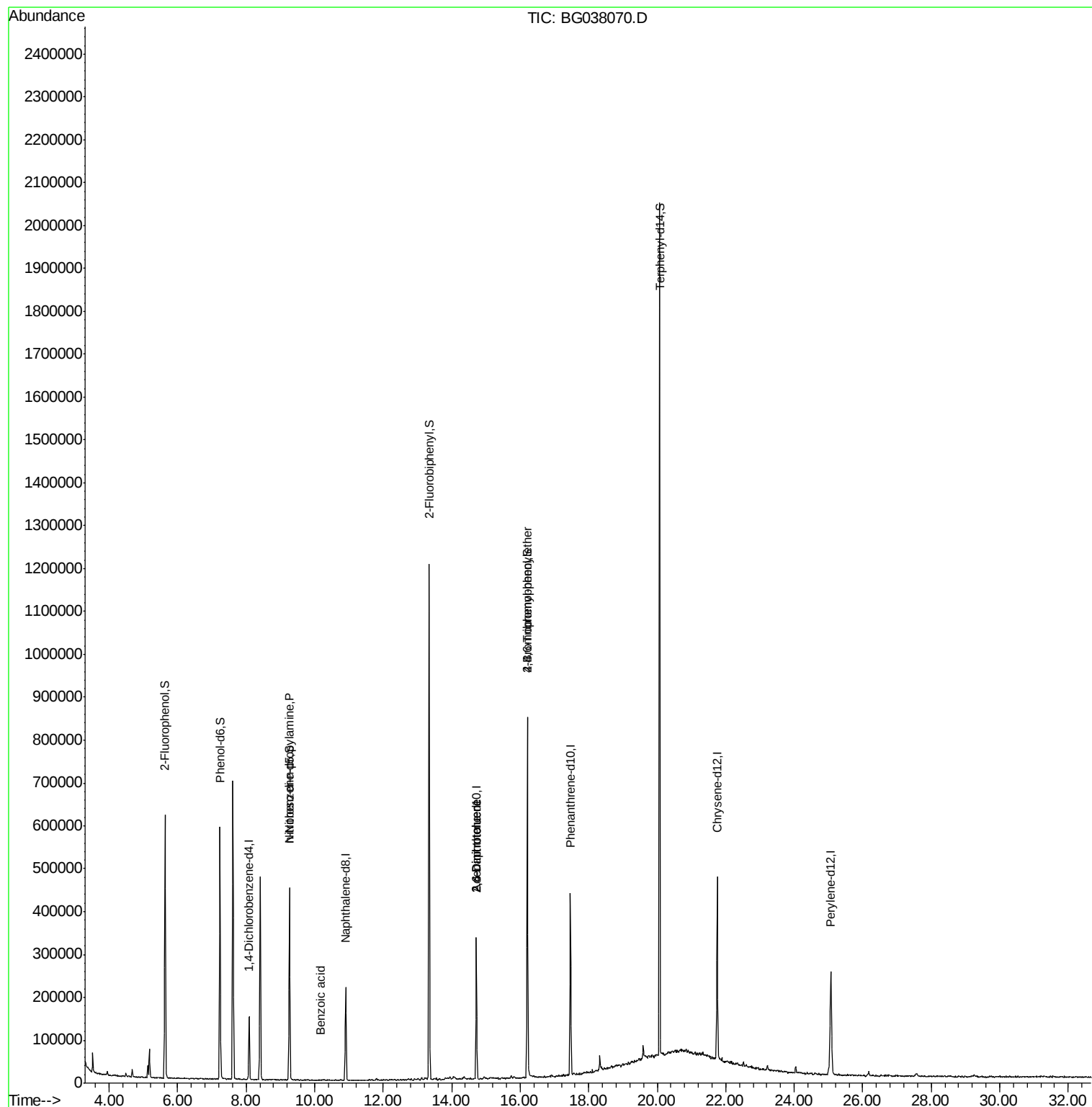
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	9.26	70	36085	13.547	ng	# 72
32) Benzoic acid	10.19	122	122	12.384	ng	# 1
51) 2,6-Dinitrotoluene	14.72	165	15668	7.284	ng	# 26
57) 2,4-Dinitrotoluene	14.72	165	15668	5.353	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	11624	3.945	ng	# 1

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

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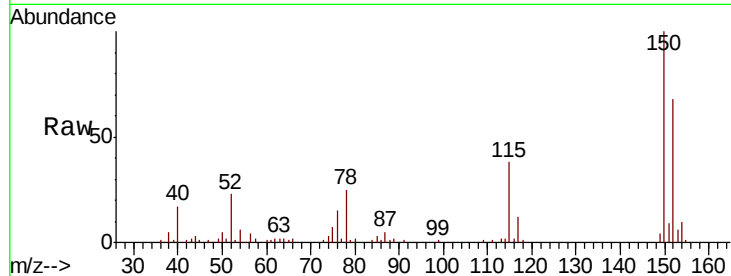




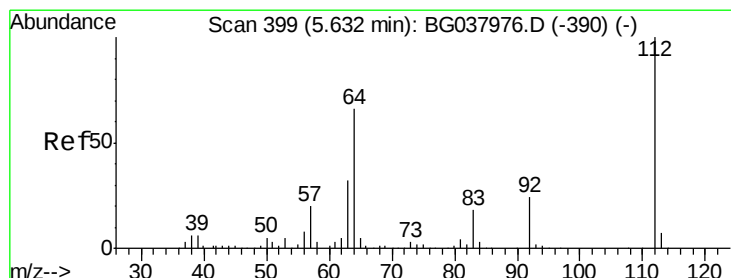
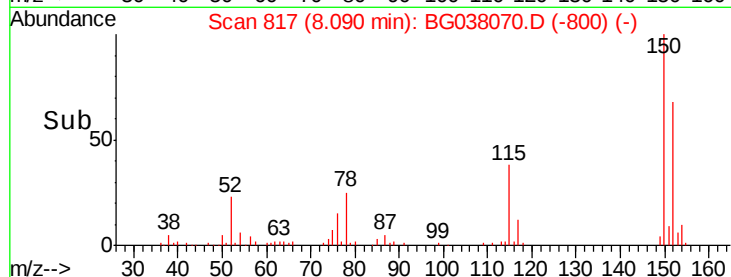
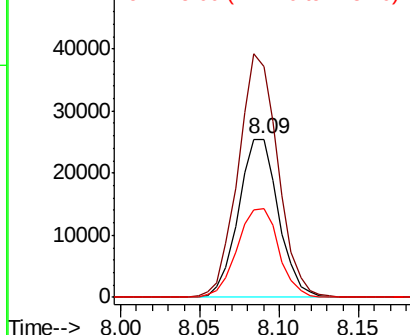
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 817
 Delta R.T. 0.00 min
 Lab File: BG038070.D
 Acq: 19 Nov 2018 20:02

Instrument :
 BNA_G
 ClientSampleId :
 FS-OILY-STONE

Tgt Ion:152 Resp: 44528
 Ion Ratio Lower Upper
 152 100
 150 146.2 126.0 189.0
 115 56.1 45.5 68.3

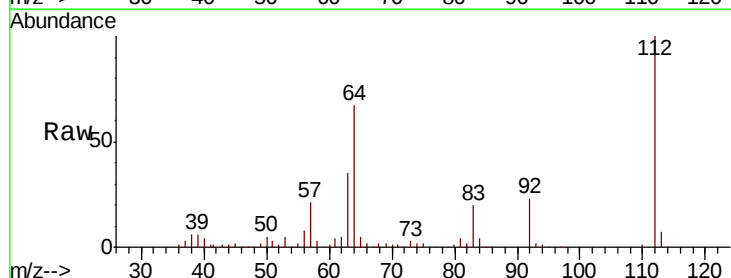


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

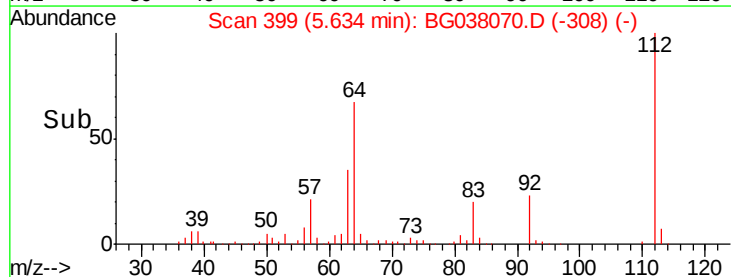
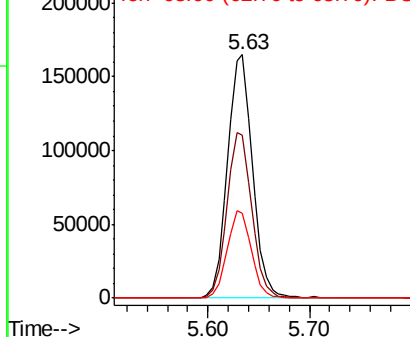


#5
 2-Fluorophenol
 Concen: 109.414 ng
 RT: 5.63 min Scan# 399
 Delta R.T. 0.00 min
 Lab File: BG038070.D
 Acq: 19 Nov 2018 20:02

Tgt Ion:112 Resp: 282178
 Ion Ratio Lower Upper
 112 100
 64 67.2 53.1 79.7
 63 34.8 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 98.555 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

FS-OILY-STONE

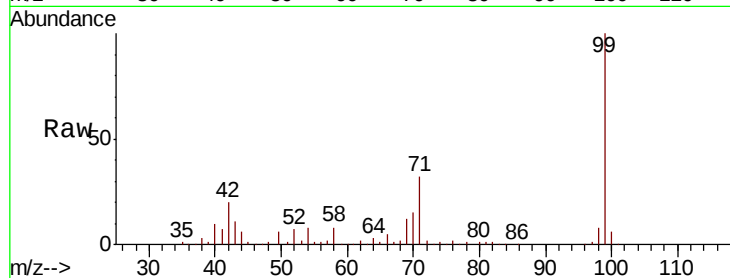
Tgt Ion: 99 Resp: 362815

Ion Ratio Lower Upper

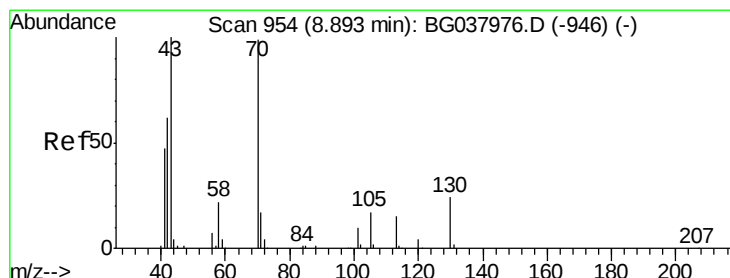
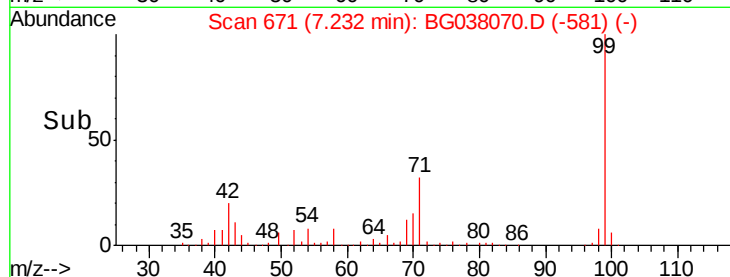
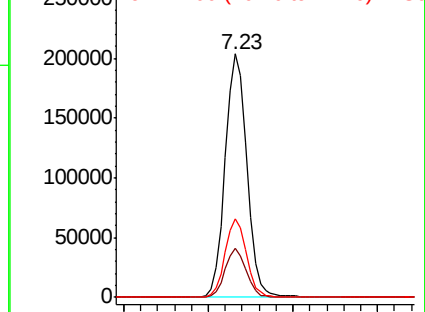
99 100

42 19.9 15.0 22.4

71 32.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.547 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

Tgt Ion: 70 Resp: 36085

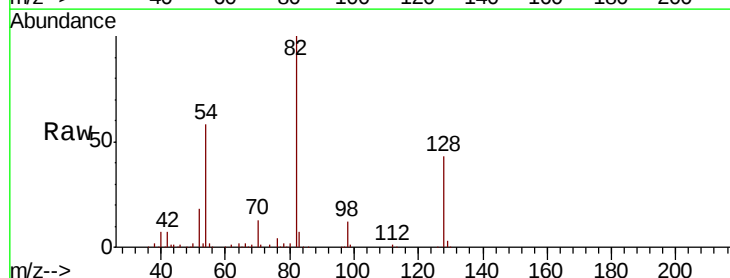
Ion Ratio Lower Upper

70 100

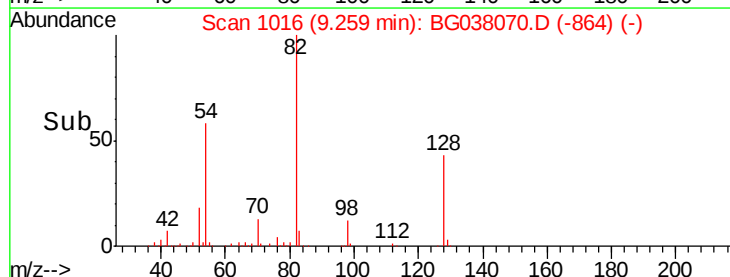
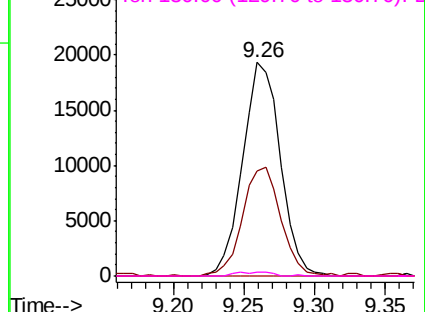
42 49.0 53.9 80.9#

101 0.0 8.2 12.2#

130 1.9 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

FS-OILY-STONE

Tgt Ion:136 Resp: 192067

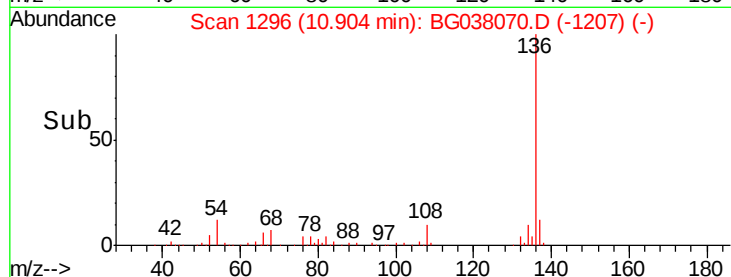
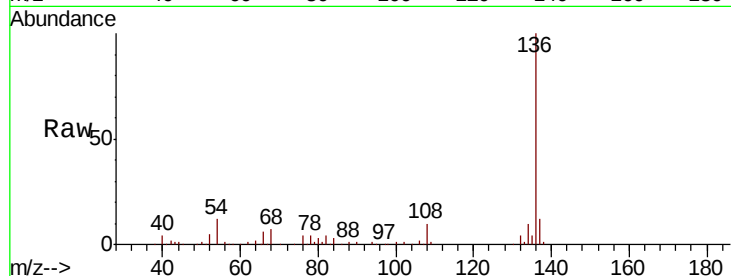
Ion Ratio Lower Upper

136 100

137 11.7 9.6 14.4

54 12.1 7.9 11.9#

68 6.7 4.8 7.2

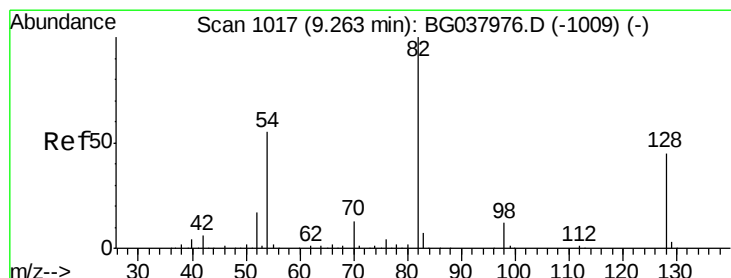
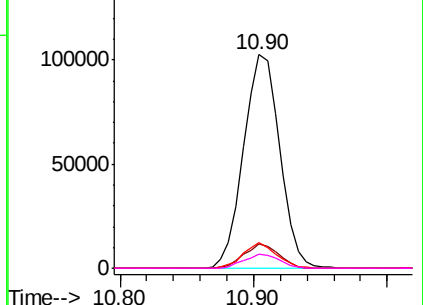


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 78.813 ng

RT: 9.27 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

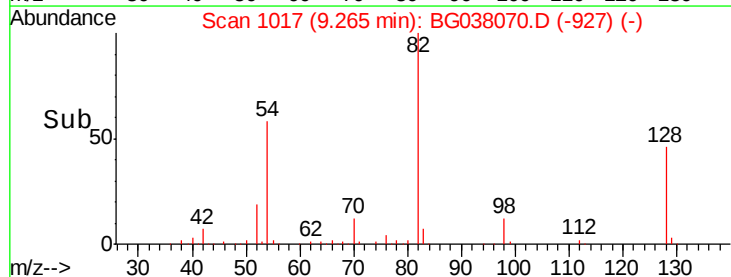
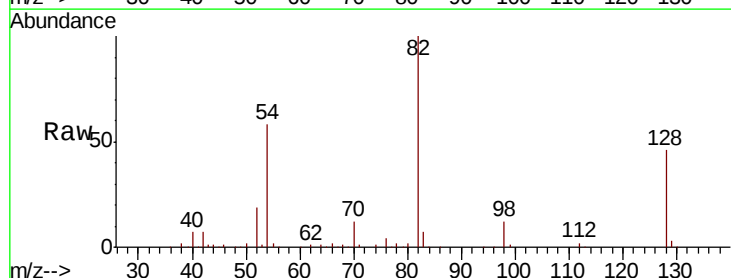
Tgt Ion: 82 Resp: 282782

Ion Ratio Lower Upper

82 100

128 46.4 34.6 51.8

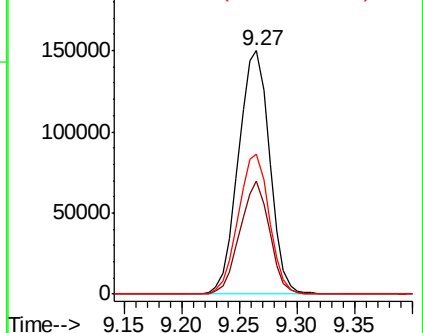
54 57.6 45.3 67.9

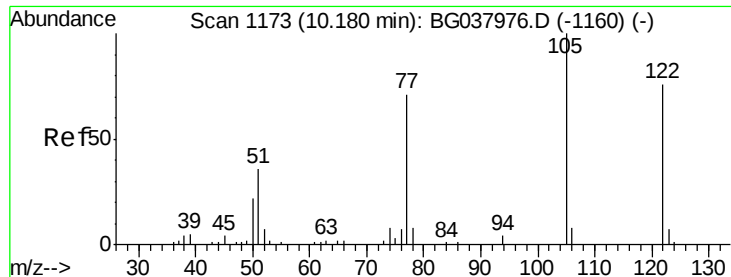


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC

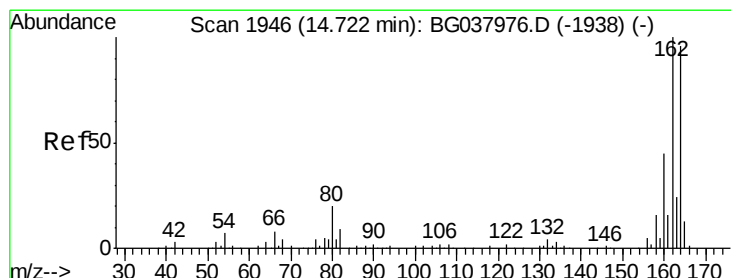
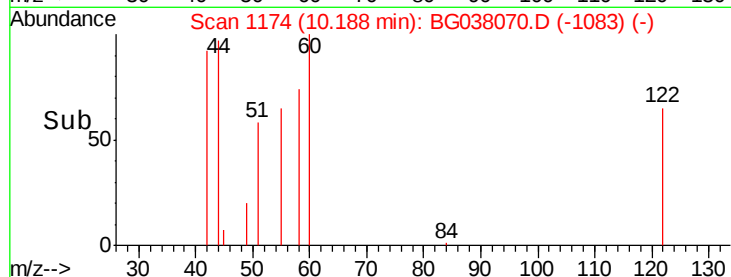
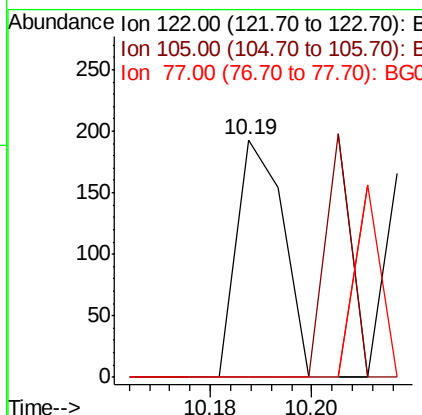
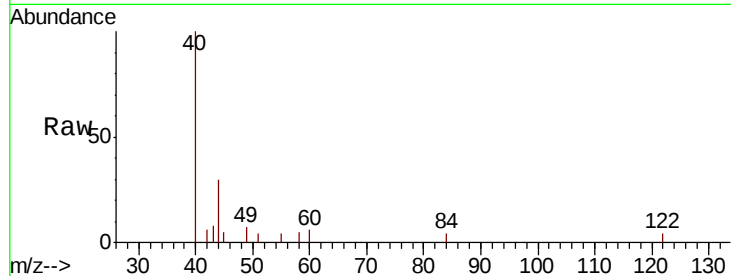




#32
Benzoic acid
Concen: 12.384 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.01 min
Lab File: BG038070.D
Acq: 19 Nov 2018 20:02

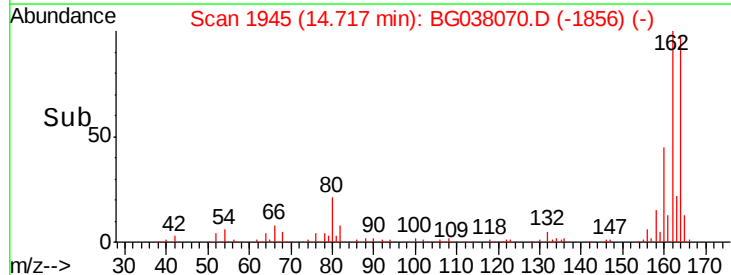
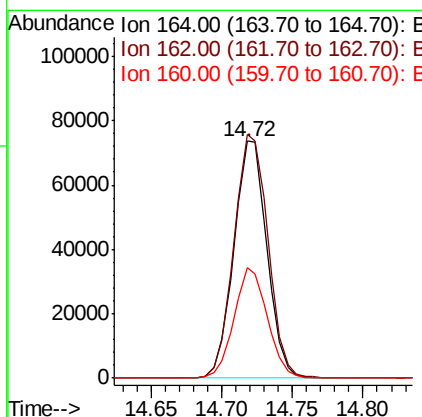
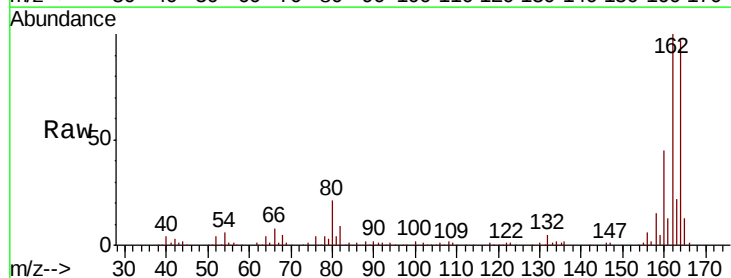
Instrument :
BNA_G
ClientSampleId :
FS-OILY-STONE

Tgt Ion:122 Resp: 122
Ion Ratio Lower Upper
122 100
105 0.0 106.7 146.7#
77 0.0 72.2 112.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BG038070.D
Acq: 19 Nov 2018 20:02

Tgt Ion:164 Resp: 119888
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 46.4 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 114.152 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

FS-OILY-STONE

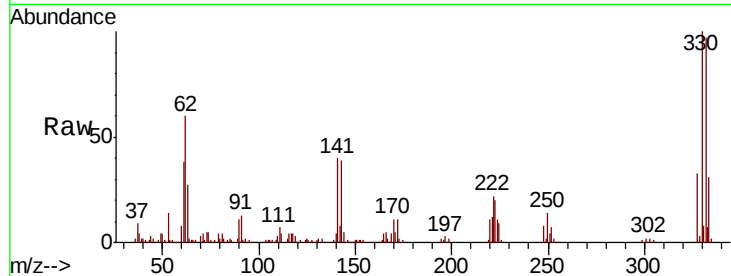
Tgt Ion:330 Resp: 156080

Ion Ratio Lower Upper

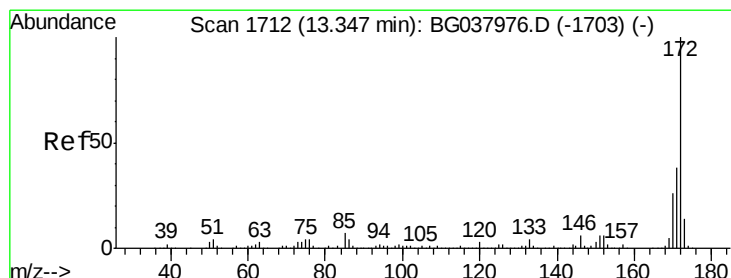
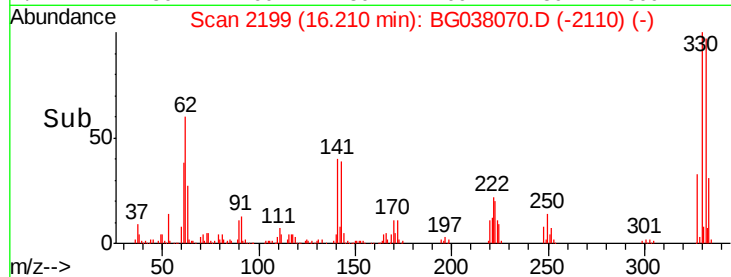
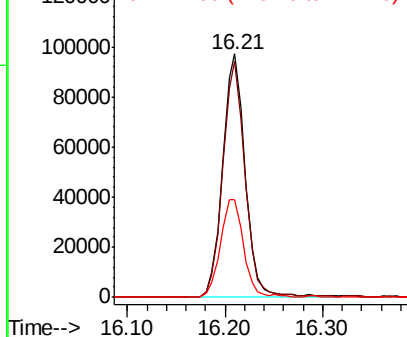
330 100

332 94.8 78.4 117.6

141 41.2 32.2 48.2



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



#45

2-Fluorobiphenyl

Concen: 77.427 ng

RT: 13.34 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

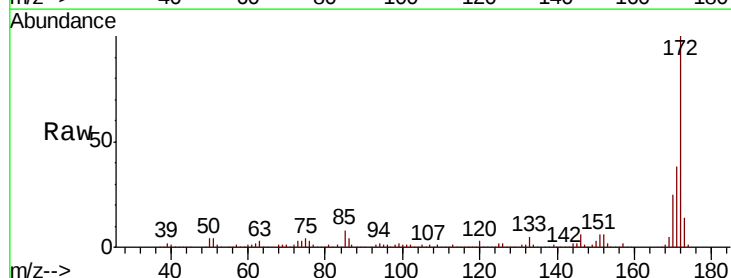
Tgt Ion:172 Resp: 637163

Ion Ratio Lower Upper

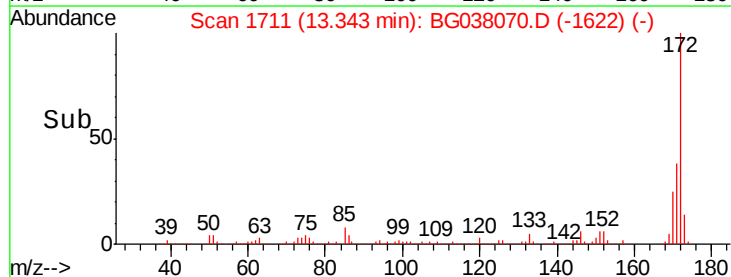
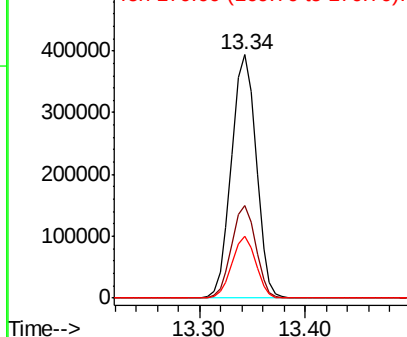
172 100

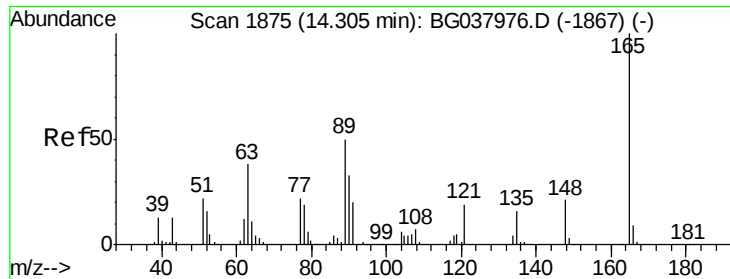
171 38.3 31.0 46.4

170 25.5 20.2 30.2



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





#51

2,6-Dinitrotoluene

Concen: 7.284 ng

RT: 14.72 min Scan# 1945

Delta R.T. 0.41 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

Instrument :

BNA_G

ClientSampleId :

FS-OILY-STONE

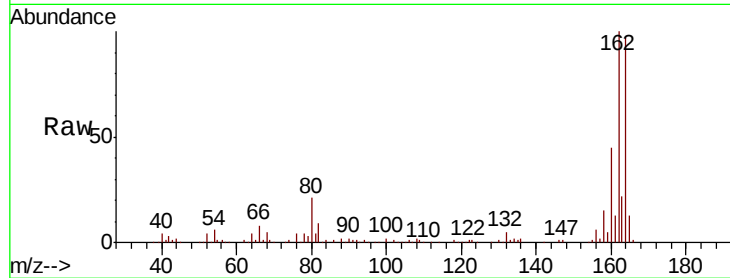
Tgt Ion:165 Resp: 15668

Ion Ratio Lower Upper

165 100

63 1.6 43.4 65.2#

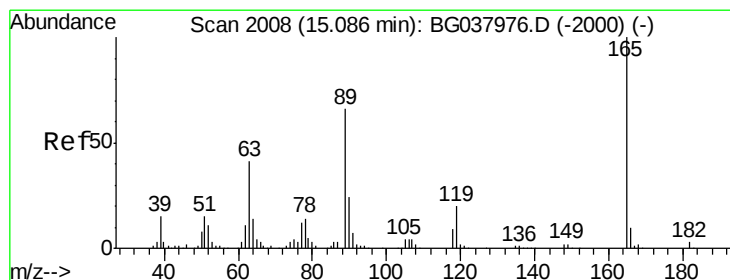
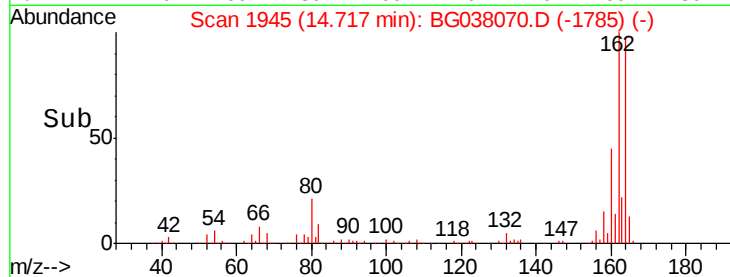
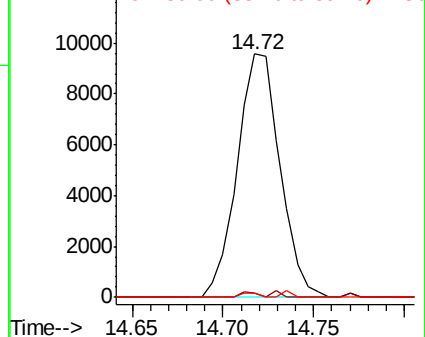
89 1.6 45.8 68.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.353 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.37 min

Lab File: BG038070.D

Acq: 19 Nov 2018 20:02

Tgt Ion:165 Resp: 15668

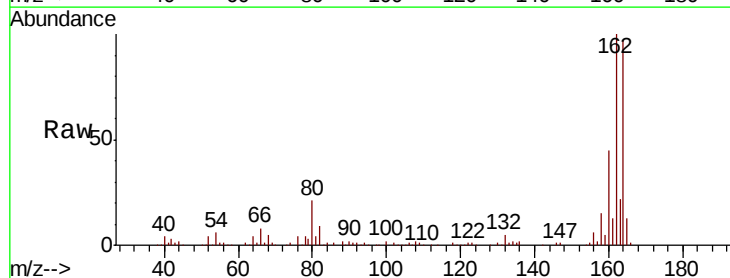
Ion Ratio Lower Upper

165 100

63 1.6 33.4 50.0#

89 1.6 57.2 85.8#

182 0.0 2.6 4.0#

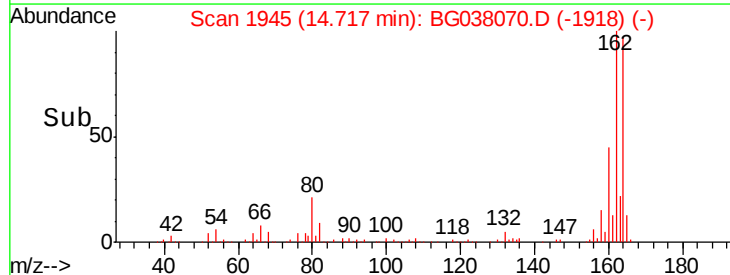
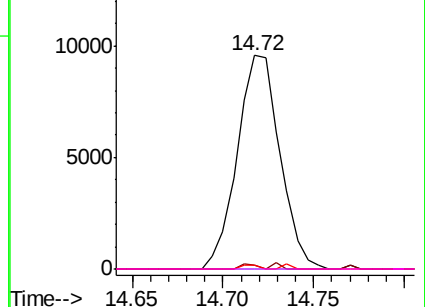


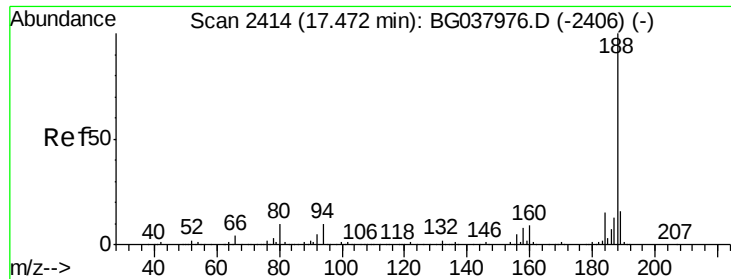
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

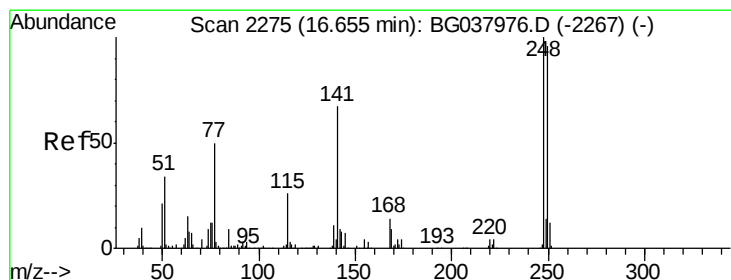
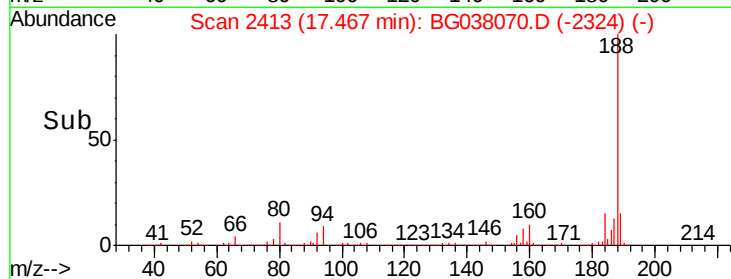
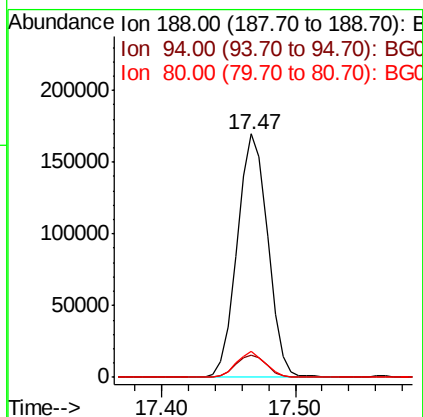
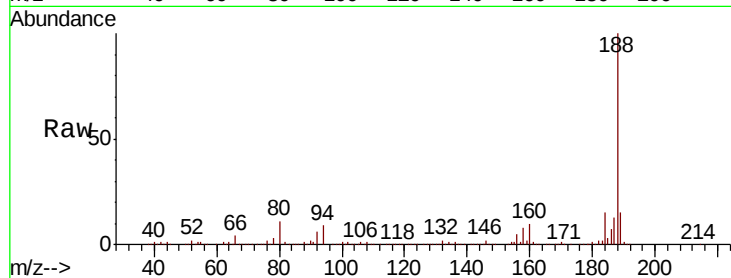




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038070.D
 Acq: 19 Nov 2018 20:02

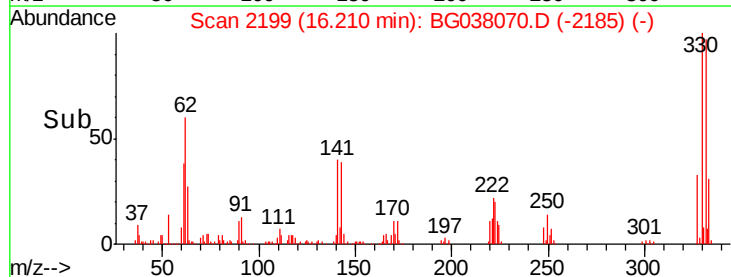
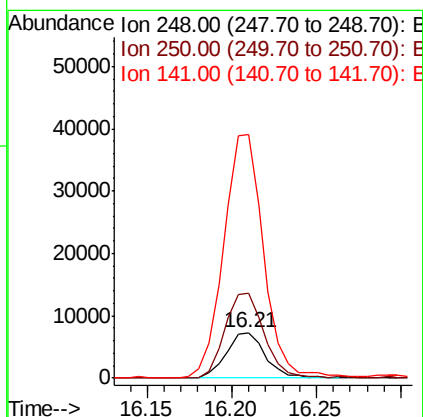
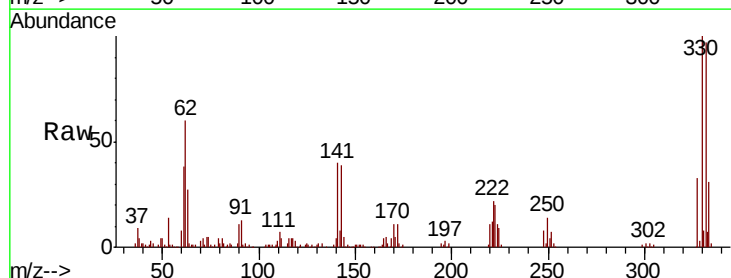
Instrument :
 BNA_G
 ClientSampleId :
 FS-OILY-STONE

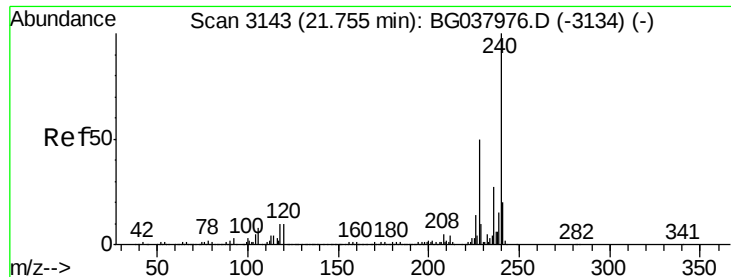
Tgt Ion:188 Resp: 268464
 Ion Ratio Lower Upper
 188 100
 94 9.1 7.2 10.8
 80 10.6 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.945 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.44 min
 Lab File: BG038070.D
 Acq: 19 Nov 2018 20:02

Tgt Ion:248 Resp: 11624
 Ion Ratio Lower Upper
 248 100
 250 191.5 77.0 115.6#
 141 424.8 55.5 83.3#

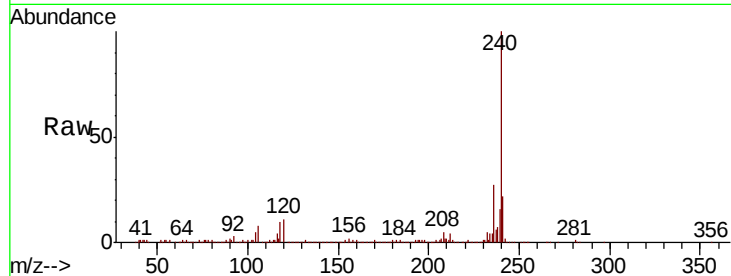




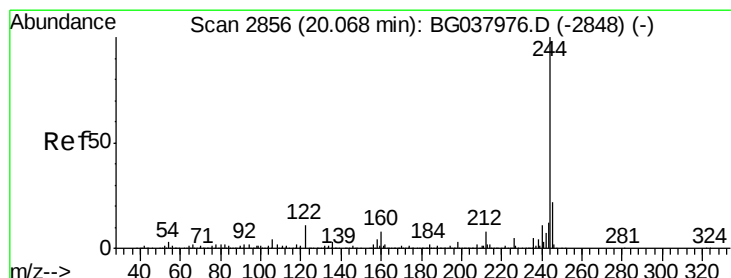
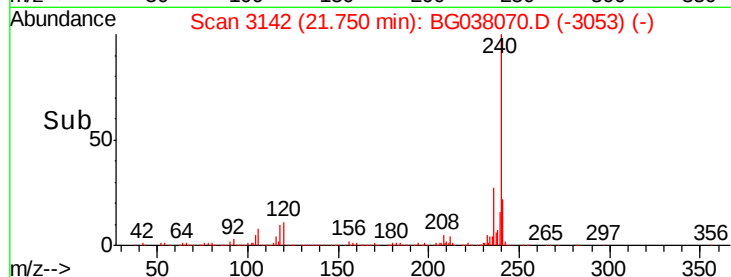
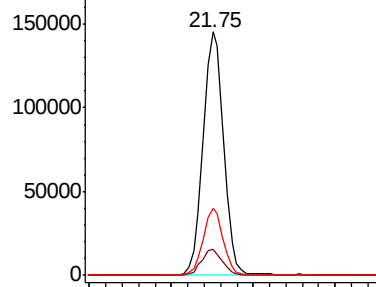
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG038070.D
Acq: 19 Nov 2018 20:02

Instrument :
BNA_G
ClientSampleId :
FS-OILY-STONE

Tgt Ion:240 Resp: 255851
Ion Ratio Lower Upper
240 100
120 10.7 8.1 12.1
236 27.4 21.4 32.0

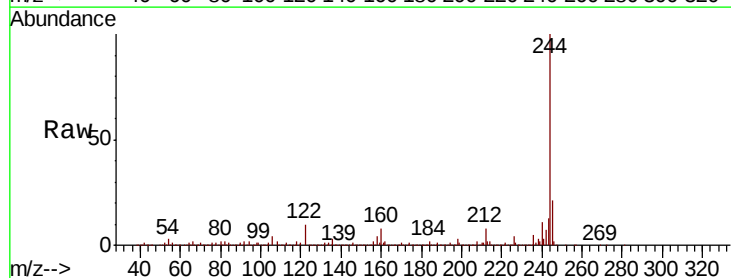


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

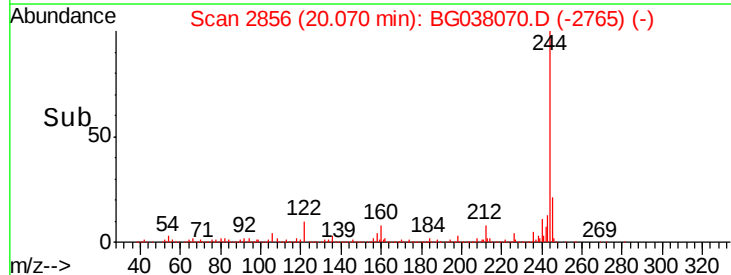
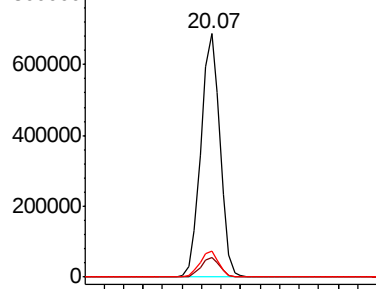


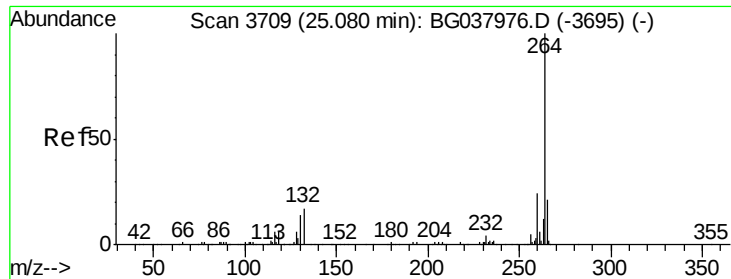
#79
Terphenyl-d14
Concen: 85.712 ng
RT: 20.07 min Scan# 2856
Delta R.T. 0.00 min
Lab File: BG038070.D
Acq: 19 Nov 2018 20:02

Tgt Ion:244 Resp: 931979
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 10.5 9.0 13.4



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038070.D
Acq: 19 Nov 2018 20:02

Instrument :
BNA_G
ClientSampleId :
FS-OILY-STONE

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.2	27.4
265	20.5	17.9	26.9

