

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121418\
 Data File : BG038598.D
 Acq On : 15 Dec 2018 10:54
 Operator : JU/SJ
 Sample : J6340-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-03B

Quant Time: Dec 16 00:14:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

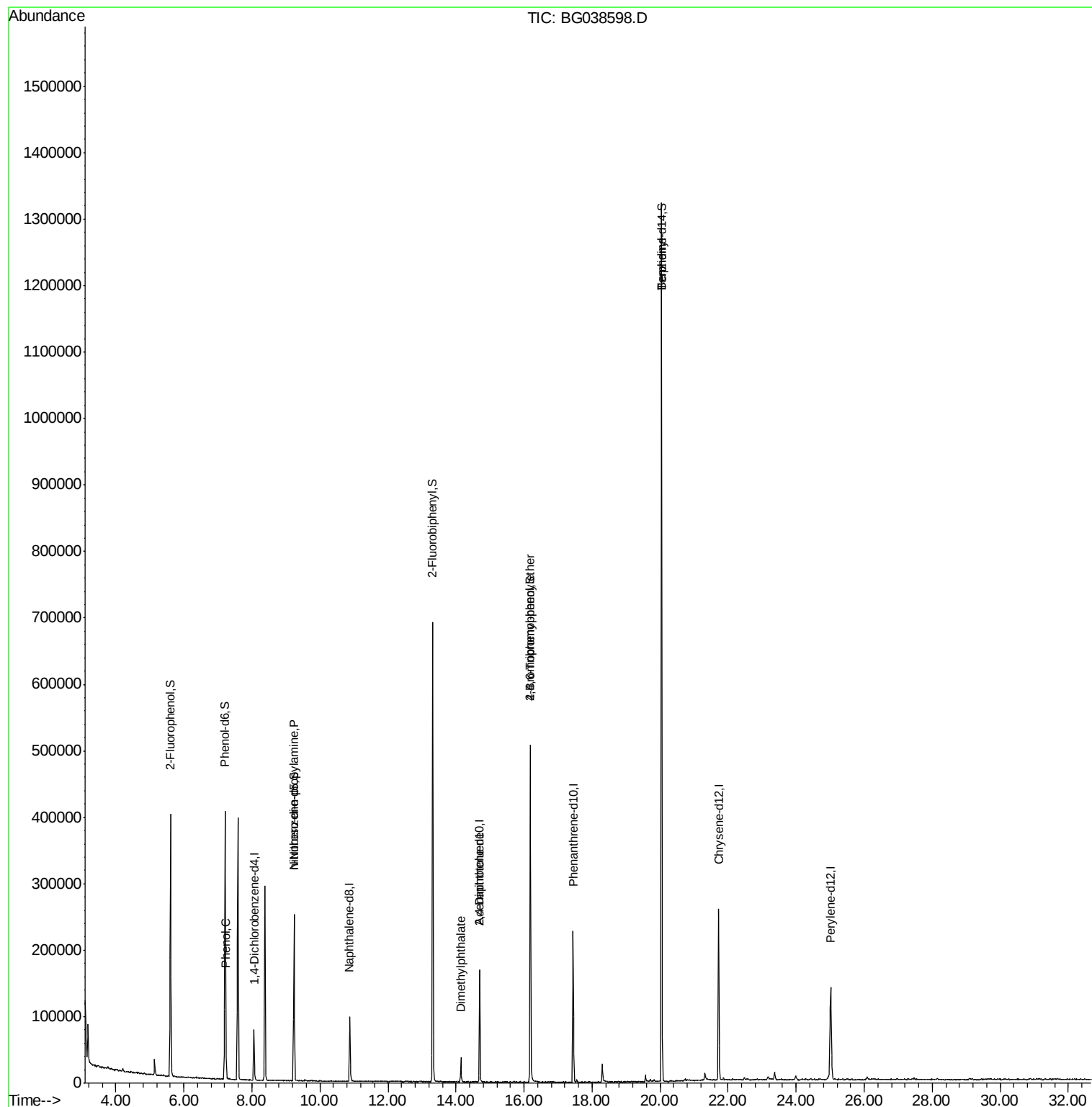
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22090	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	89084	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	58539	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	152564	20.00	ng	0.00
76) Chrysene-d12	21.72	240	163486	20.00	ng	0.00
87) Perylene-d12	25.02	264	171578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	169133	135.80	ng	0.00
7) Phenol-d6	7.21	99	229730	134.36	ng	0.00
23) Nitrobenzene-d5	9.24	82	151868	87.09	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	103573	128.38	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	363530	85.19	ng	0.00
79) Terphenyl-d14	20.05	244	684318	91.10	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12793	7.043	ng	90
19) n-Nitroso-di-n-propylamine	9.24	70	20420	17.005	ng	# 70
50) Dimethylphthalate	14.14	163	28381	5.937	ng	99
57) 2,4-Dinitrotoluene	14.69	165	7465	4.892	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	7357	3.948	ng	# 1
77) Benzidine	20.05	184	12068	2.496	ng	# 94

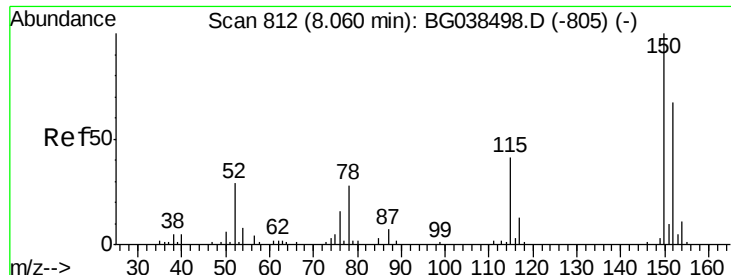
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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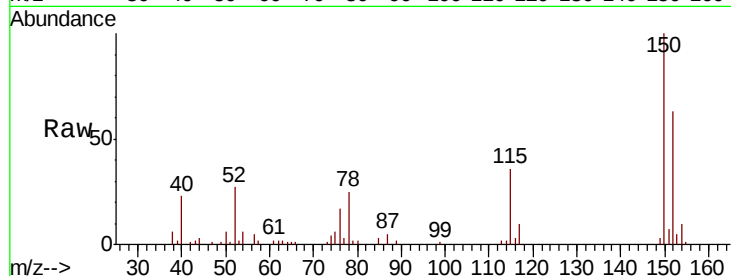


#1

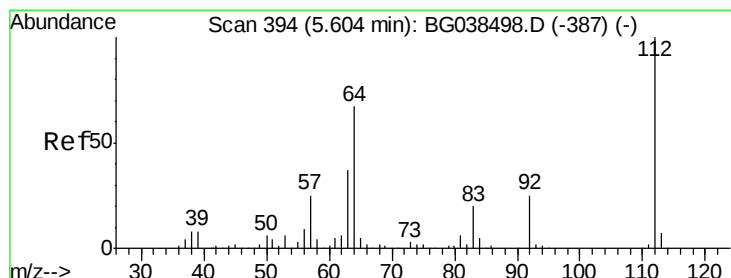
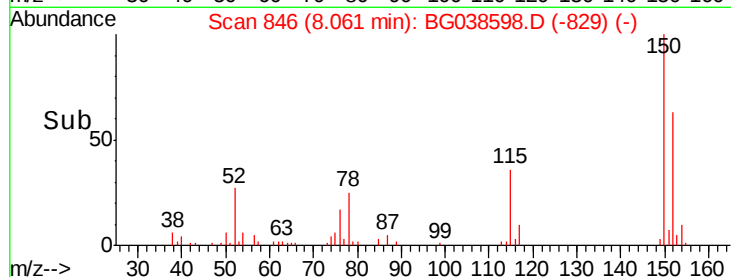
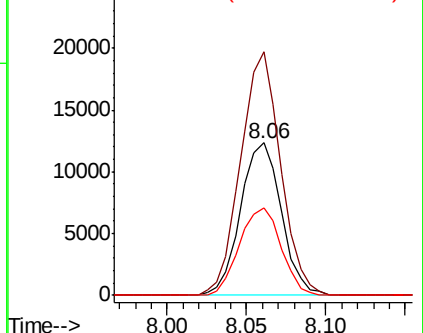
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

Instrument :
BNA_G
ClientSampled :
SB-03B

Tgt Ion:152 Resp: 22090
Ion Ratio Lower Upper
152 100
150 159.8 119.5 179.3
115 57.4 49.6 74.4



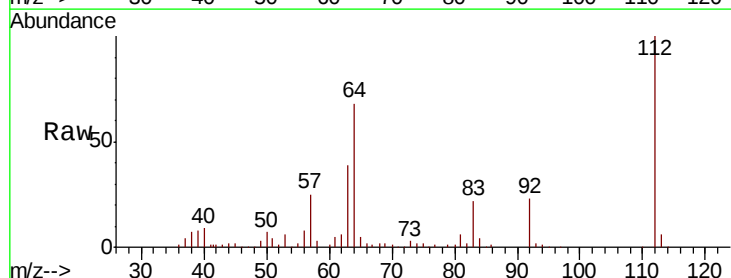
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



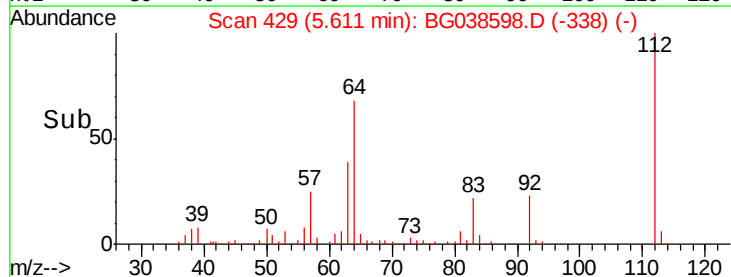
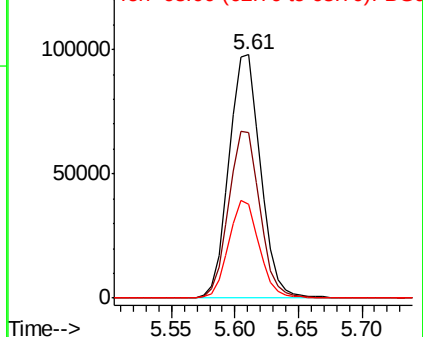
#5

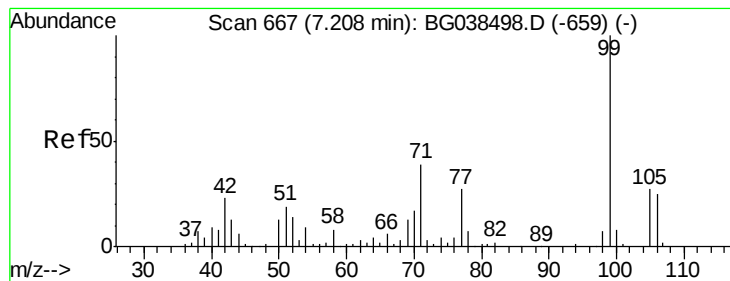
2-Fluorophenol
Concen: 135.800 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

Tgt Ion:112 Resp: 169133
Ion Ratio Lower Upper
112 100
64 67.9 53.4 80.2
63 38.6 29.3 43.9



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: 134.363 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

Instrument :

BNA_G

ClientSampleId :

SB-03B

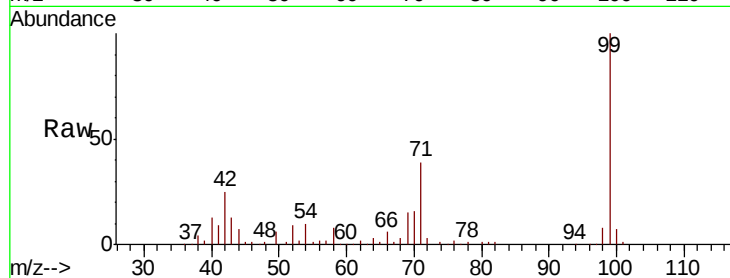
Tgt Ion: 99 Resp: 229730

Ion Ratio Lower Upper

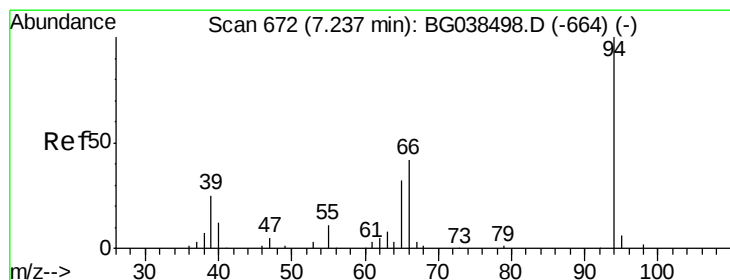
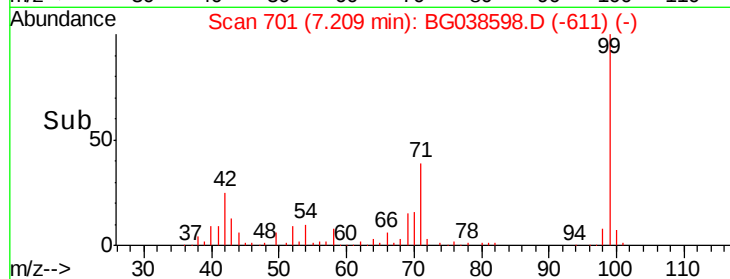
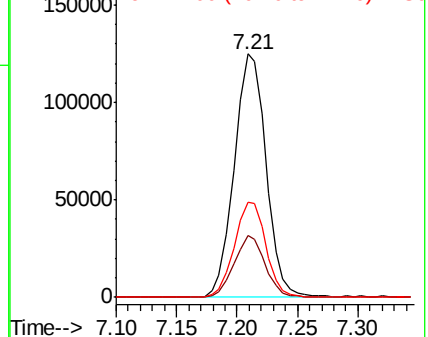
99 100

42 25.2 18.5 27.7

71 38.8 31.1 46.7



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



#10

Phenol

Concen: 7.043 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

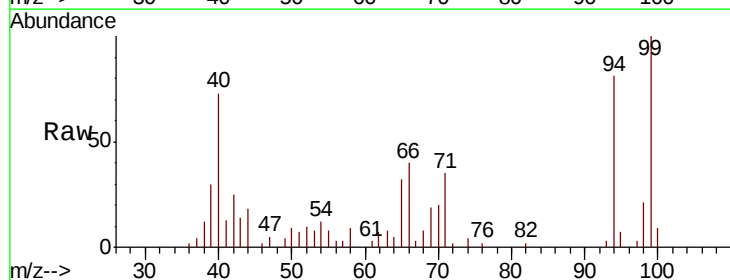
Tgt Ion: 94 Resp: 12793

Ion Ratio Lower Upper

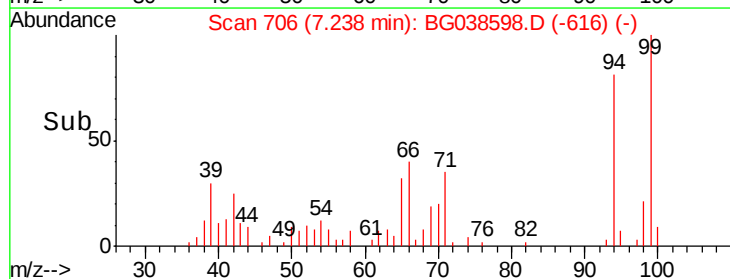
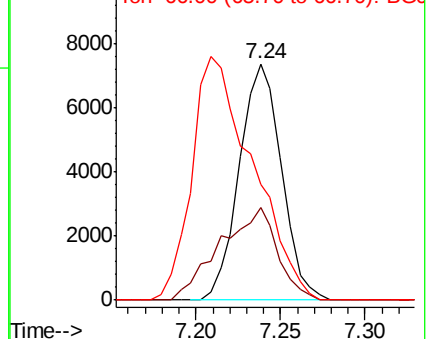
94 100

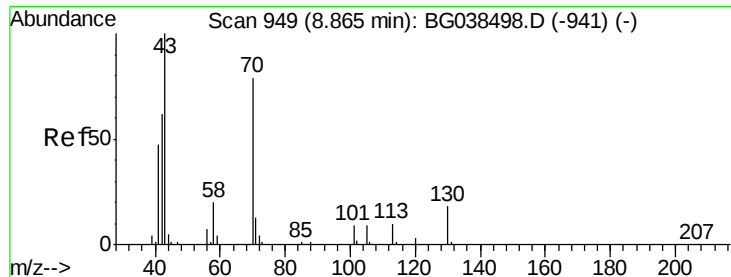
65 39.4 12.6 52.6

66 49.1 24.1 64.1



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

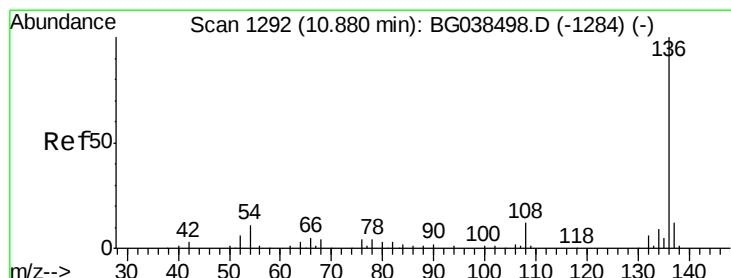
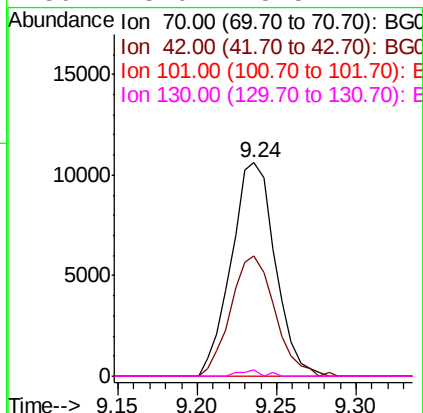
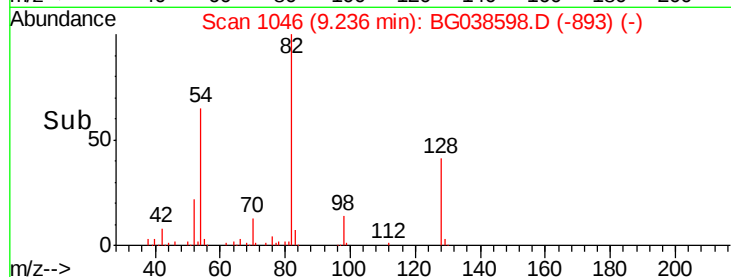
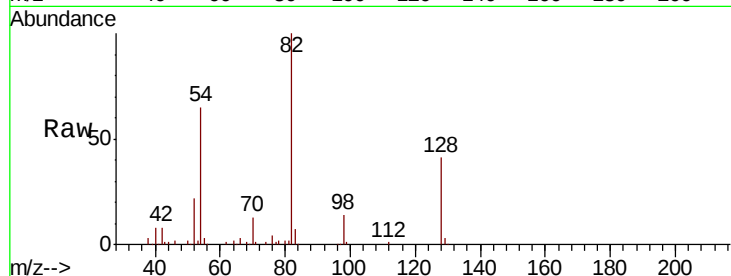




#19
n-Nitroso-di-n-propylamine
Concen: 17.005 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

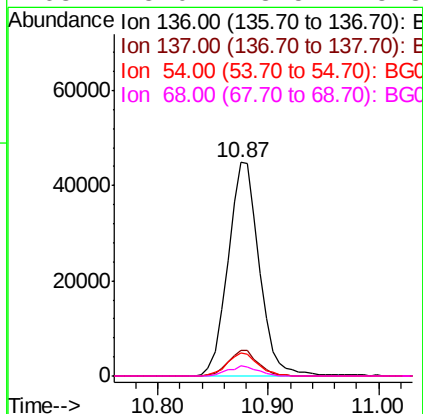
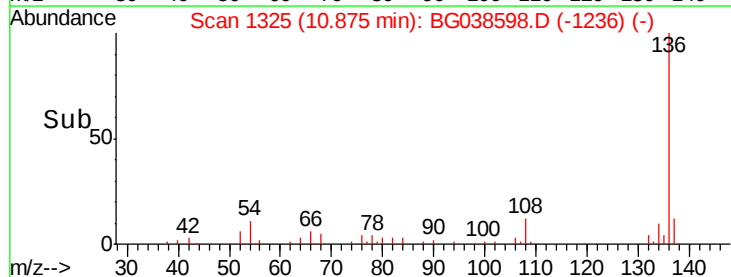
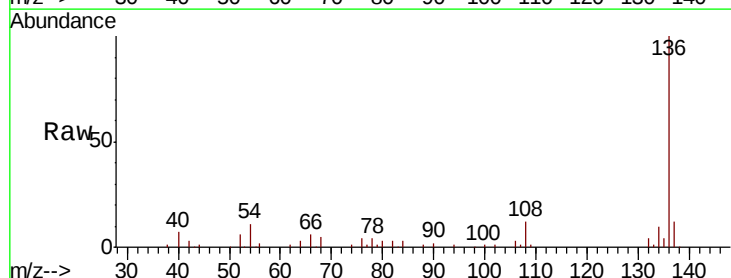
Instrument :
BNA_G
ClientSampleId :
SB-03B

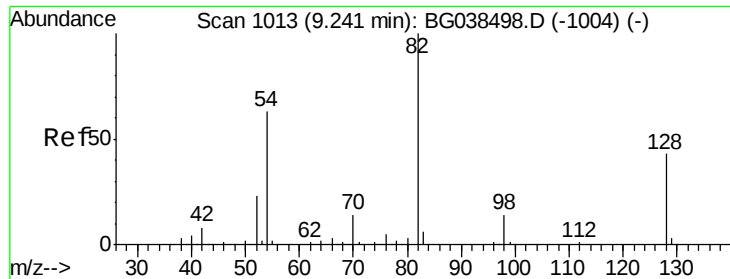
Tgt Ion: 70 Resp: 20420
Ion Ratio Lower Upper
70 100
42 56.5 63.6 95.4#
101 0.0 9.2 13.8#
130 3.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

Tgt Ion: 136 Resp: 89084
Ion Ratio Lower Upper
136 100
137 12.2 9.3 13.9
54 11.0 8.5 12.7
68 5.0 3.5 5.3

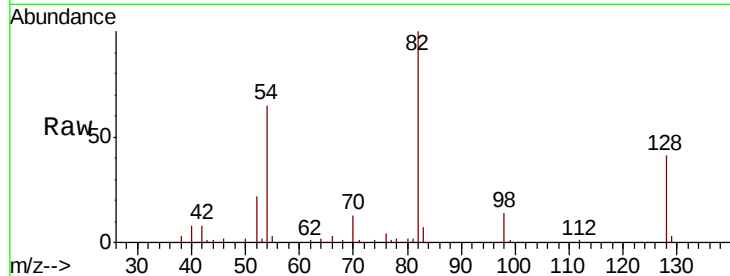




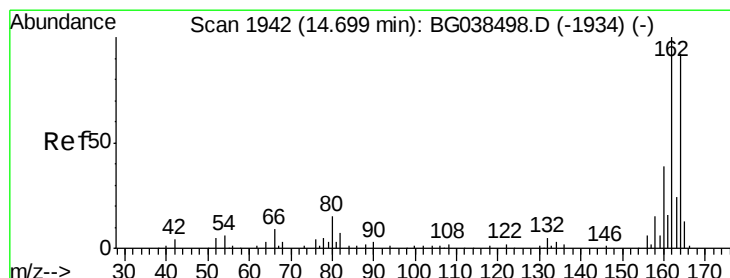
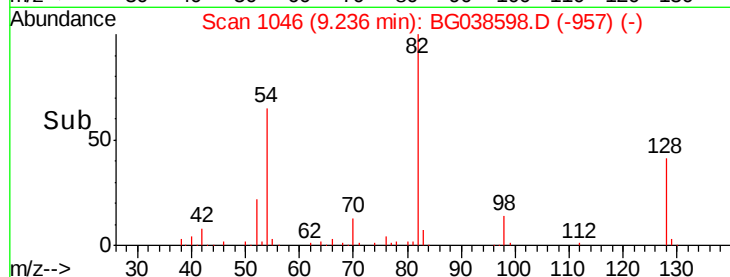
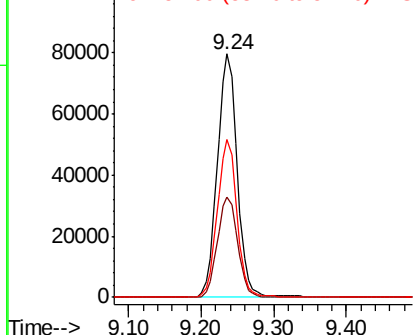
#23
Nitrobenzene-d5
Concen: 87.092 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

Instrument :
BNA_G
ClientSampleId :
SB-03B

Tgt Ion: 82 Resp: 151868
Ion Ratio Lower Upper
82 100
128 41.4 34.6 52.0
54 64.8 50.6 76.0

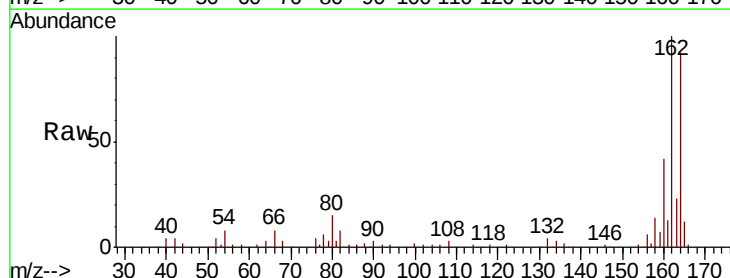


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

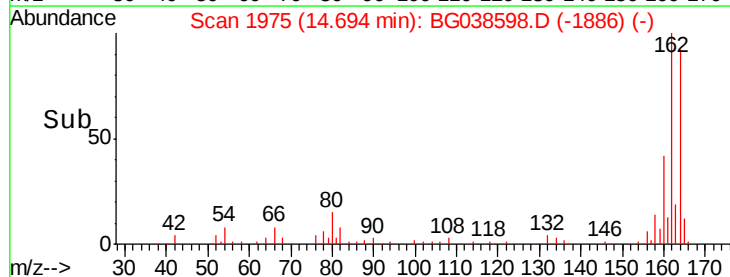
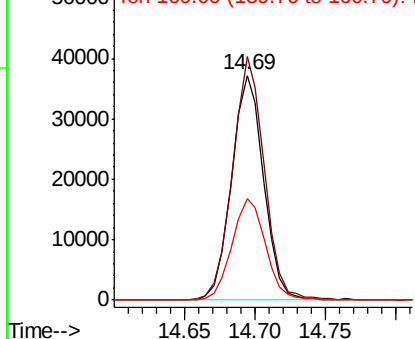


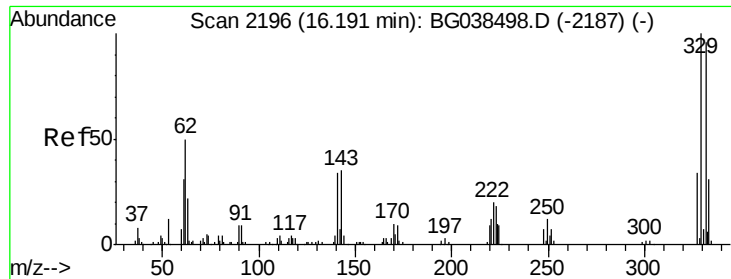
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

Tgt Ion: 164 Resp: 58539
Ion Ratio Lower Upper
164 100
162 108.3 86.6 130.0
160 45.1 34.2 51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 128.379 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

Instrument :

BNA_G

ClientSampleId :

SB-03B

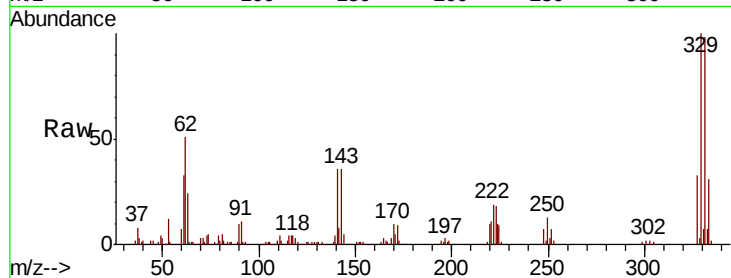
Tgt Ion:330 Resp: 103573

Ion Ratio Lower Upper

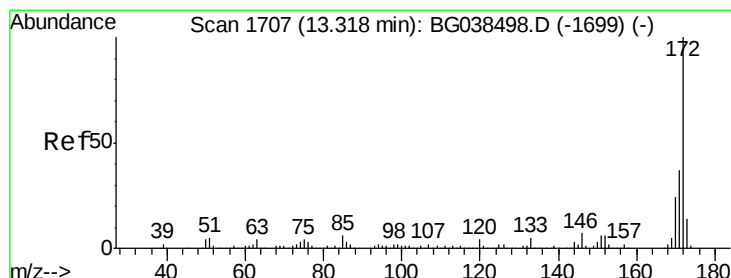
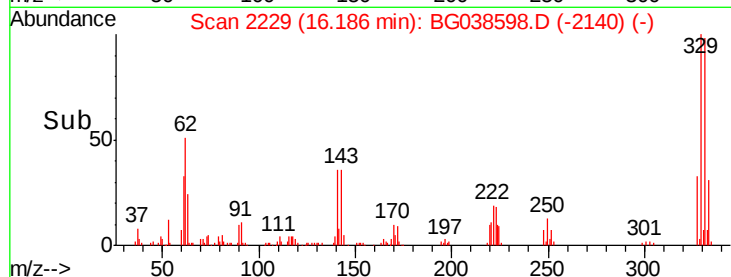
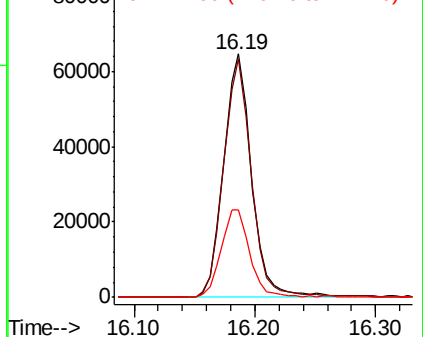
330 100

332 98.2 76.9 115.3

141 36.5 28.8 43.2



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: 85.192 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

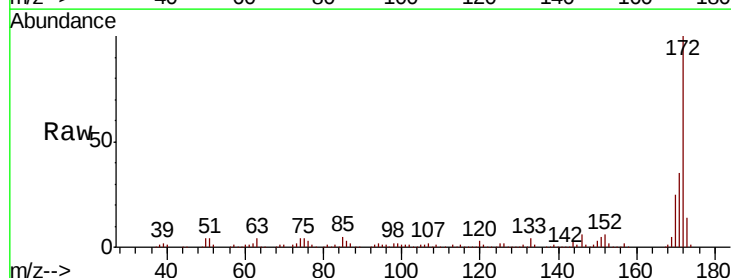
Tgt Ion:172 Resp: 363530

Ion Ratio Lower Upper

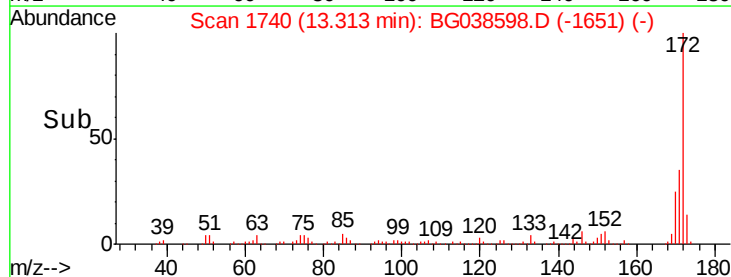
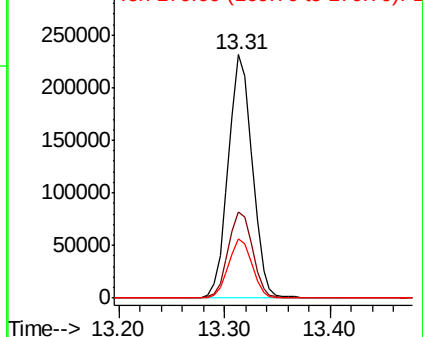
172 100

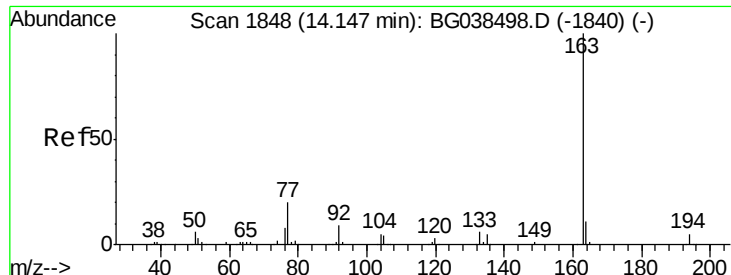
171 35.4 29.8 44.6

170 24.6 19.5 29.3



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





#50

Dimethylphthalate

Concen: 5.937 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

Instrument :

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ClientSampleId :

SB-03B

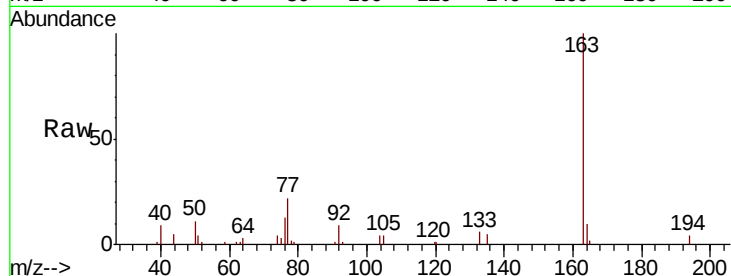
Tgt Ion:163 Resp: 28381

Ion Ratio Lower Upper

163 100

194 4.5 3.7 5.5

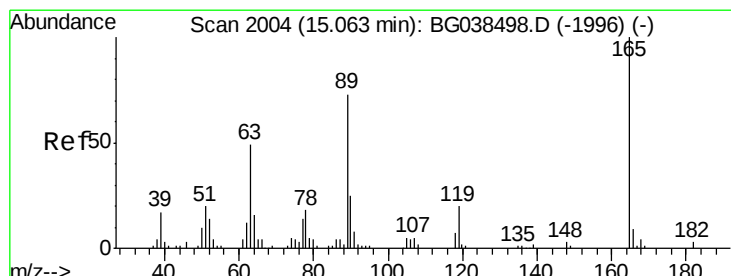
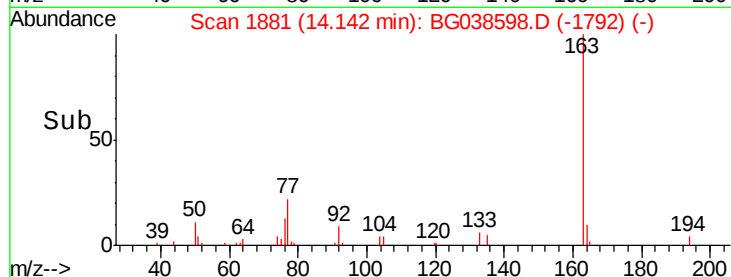
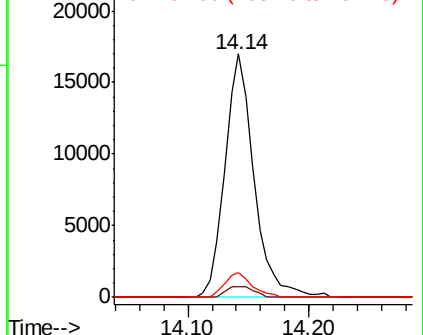
164 10.4 8.6 12.8



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



#57

2,4-Dinitrotoluene

Concen: 4.892 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

Tgt Ion:165 Resp: 7465

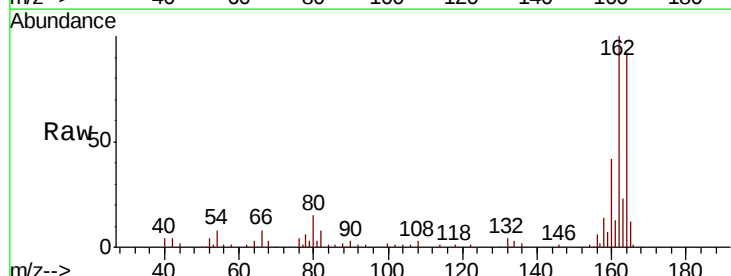
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 3.2 58.0 87.0#

182 0.0 2.3 3.5#

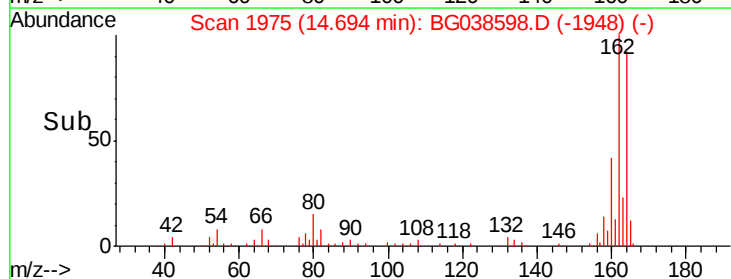
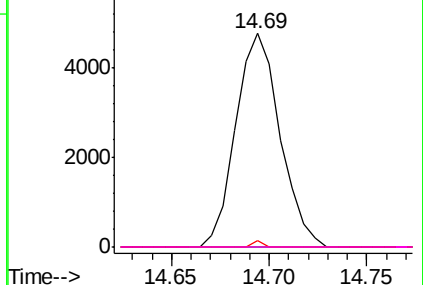


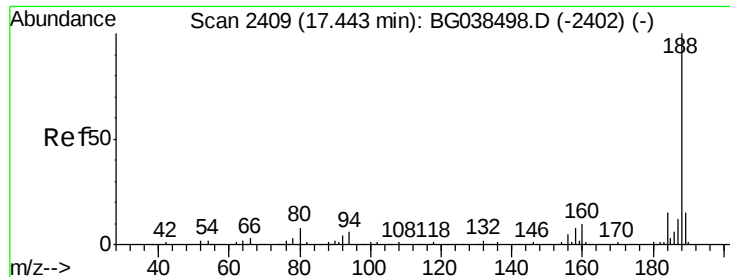
Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.44 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

Instrument :

BNA_G

ClientSampleId :

SB-03B

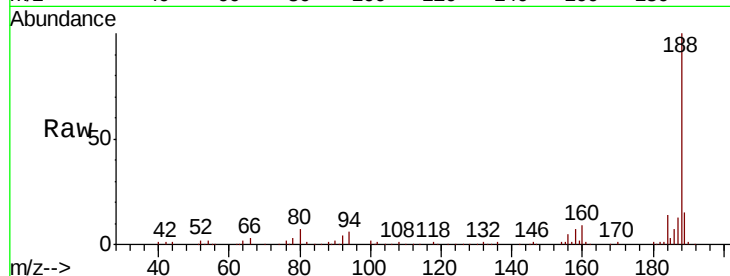
Tgt Ion:188 Resp: 152564

Ion Ratio Lower Upper

188 100

94 6.5 5.1 7.7

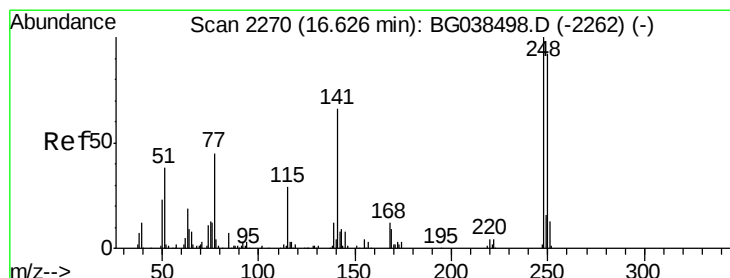
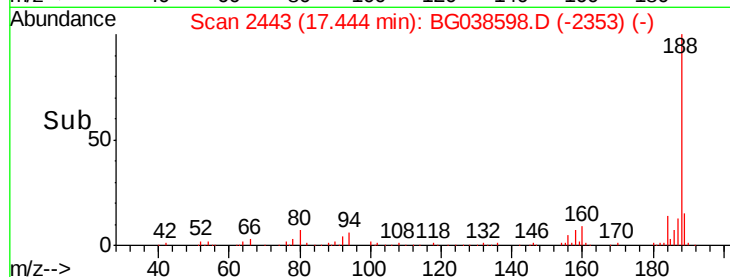
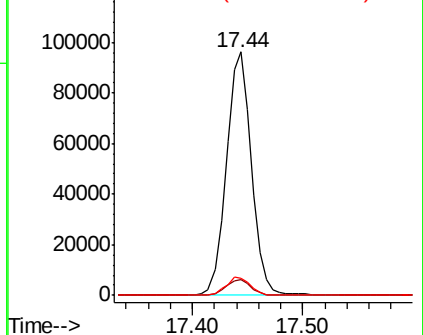
80 6.9 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 3.948 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.45 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

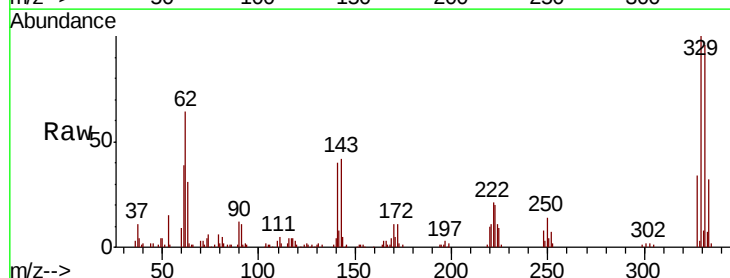
Tgt Ion:248 Resp: 7357

Ion Ratio Lower Upper

248 100

250 179.9 73.4 110.2#

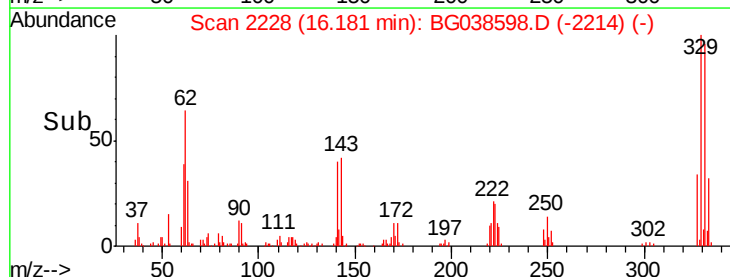
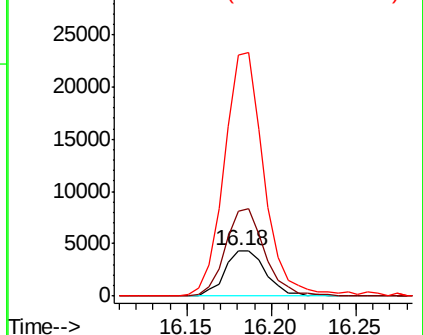
141 394.2 52.9 79.3#

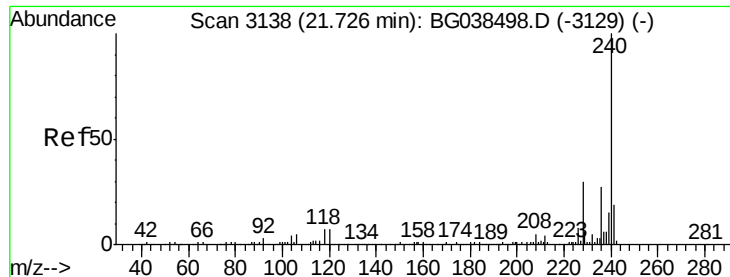


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

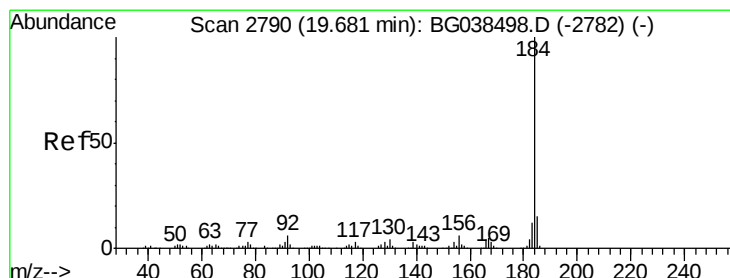
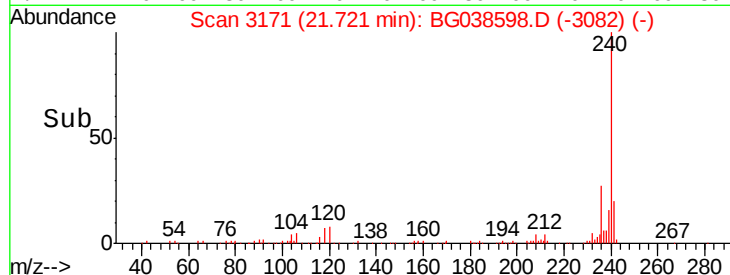
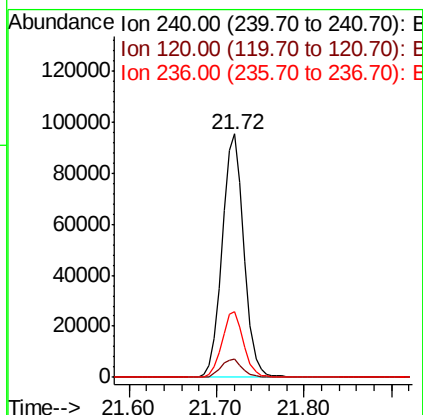
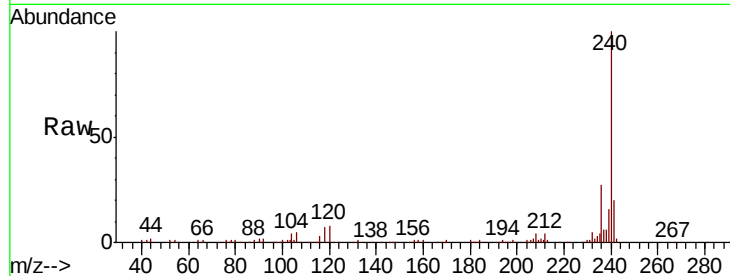




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

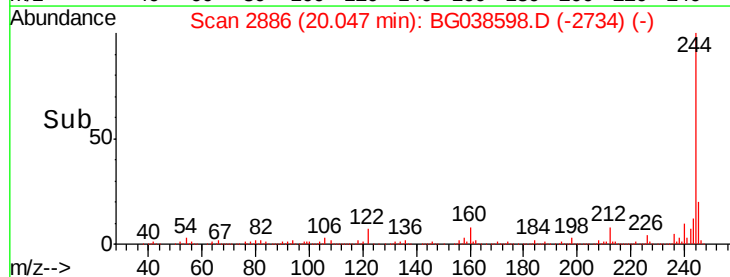
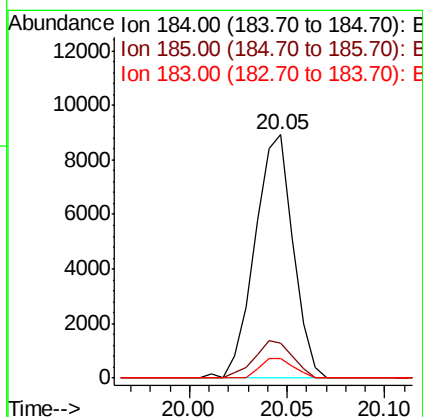
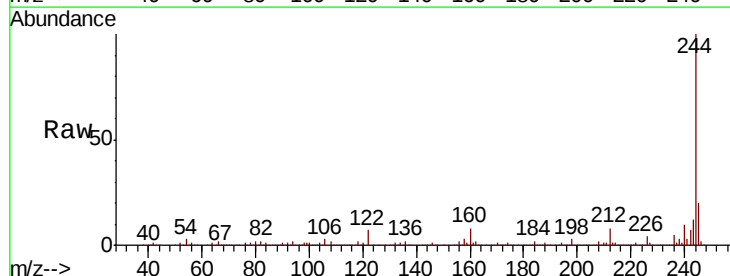
Instrument :
BNA_G
ClientSampleId :
SB-03B

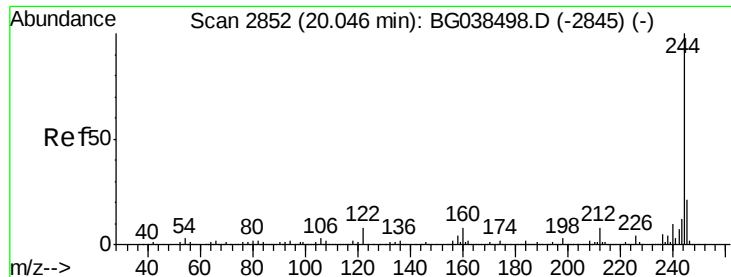
Tgt Ion:240 Resp: 163486
Ion Ratio Lower Upper
240 100
120 7.7 5.3 7.9
236 27.2 21.4 32.2



#77
Benzidine
Concen: 2.496 ng
RT: 20.05 min Scan# 2886
Delta R.T. 0.37 min
Lab File: BG038598.D
Acq: 15 Dec 2018 10:54

Tgt Ion:184 Resp: 12068
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 8.1 9.6 14.4#





#79

Terphenyl-d14

Concen: 91.097 ng

RT: 20.05 min Scan# 2886

Delta R.T. 0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

Instrument :

BNA_G

ClientSampleId :

SB-03B

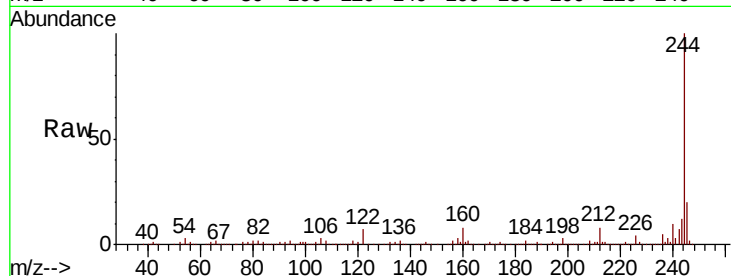
Tgt Ion:244 Resp: 684318

Ion Ratio Lower Upper

244 100

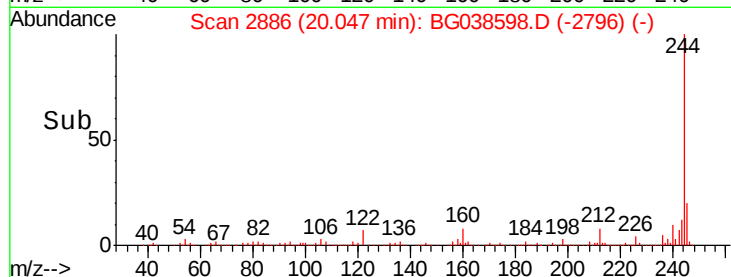
212 7.8 6.2 9.2

122 7.1 6.3 9.5

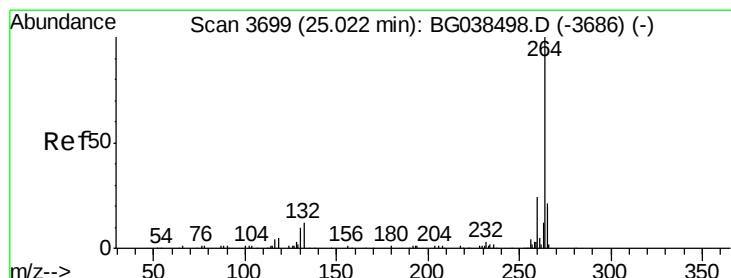


Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E

20.05



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3732

Delta R.T. -0.00 min

Lab File: BG038598.D

Acq: 15 Dec 2018 10:54

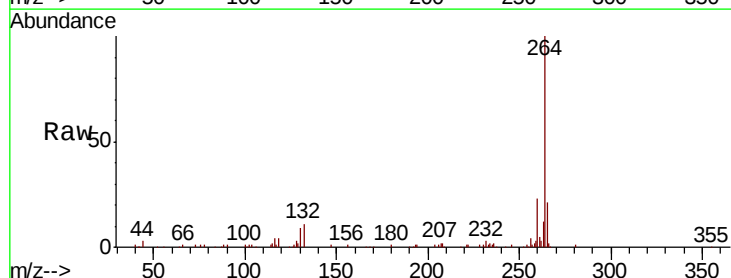
Tgt Ion:264 Resp: 171578

Ion Ratio Lower Upper

264 100

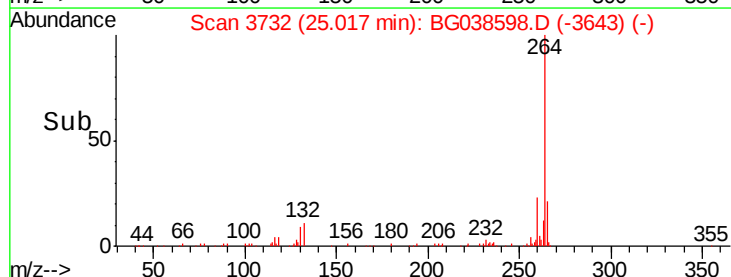
260 22.6 18.9 28.3

265 20.9 17.0 25.4



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

25.02



Time-->