

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038656.D
 Acq On : 17 Dec 2018 10:26
 Operator : JU/SJ
 Sample : J6424-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB12_12-14

Quant Time: Dec 18 02:55:43 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

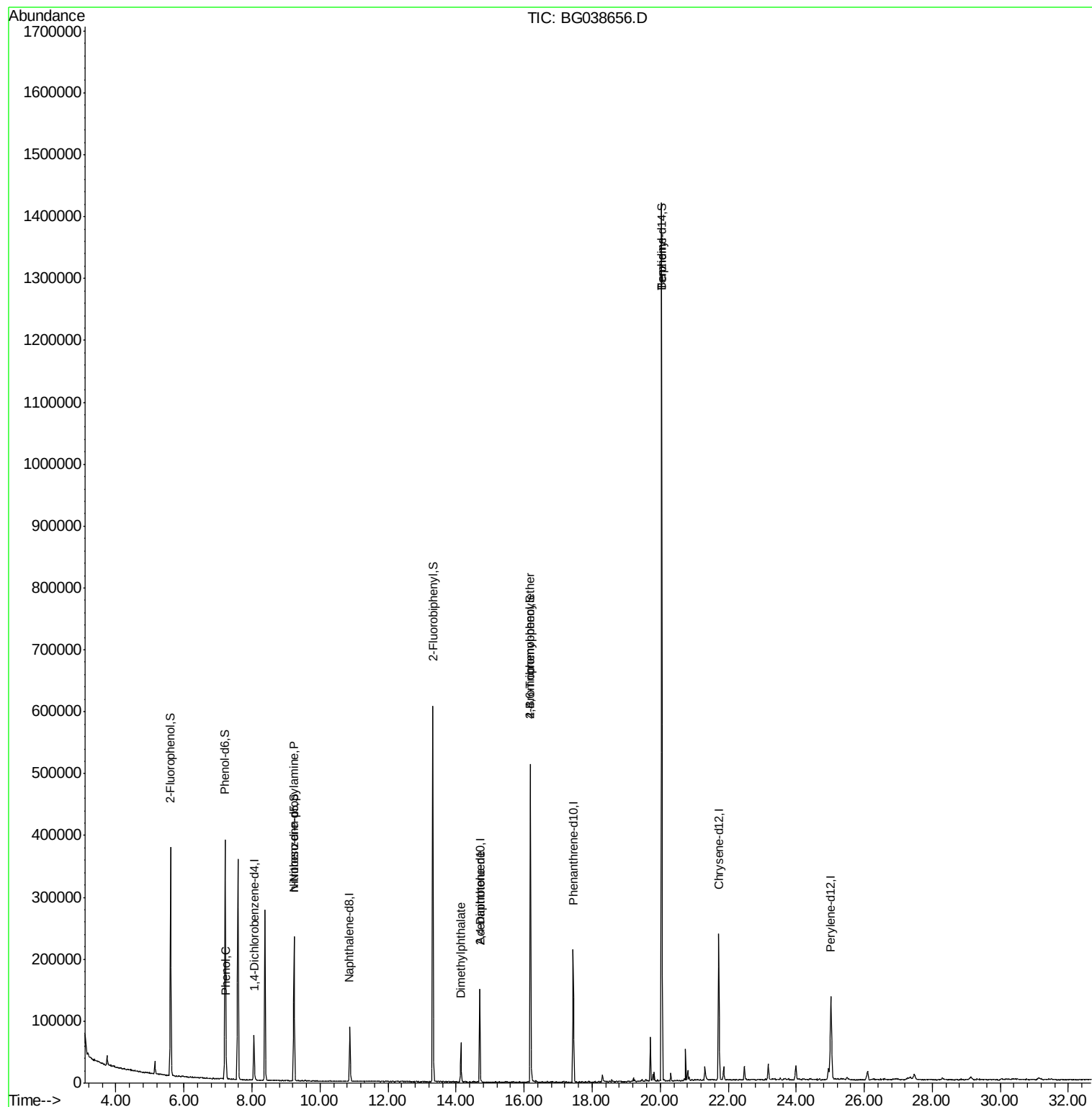
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	20638	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	80978	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	53868	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	143226	20.00	ng	0.00
76) Chrysene-d12	21.72	240	152610	20.00	ng	0.00
87) Perylene-d12	25.02	264	160885	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	155109	133.30	ng	0.00
7) Phenol-d6	7.21	99	211820	132.60	ng	0.00
23) Nitrobenzene-d5	9.23	82	139527	88.02	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	97760	131.68	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	332254	84.61	ng	0.00
79) Terphenyl-d14	20.04	244	669652	95.50	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12169	7.171	ng	97
19) n-Nitroso-di-n-propylamine	9.23	70	19241	17.150	ng	# 68
50) Dimethylphthalate	14.14	163	44587	10.136	ng	# 96
57) 2,4-Dinitrotoluene	14.69	165	7132	5.079	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	6623	3.786	ng	# 1
77) Benzidine	20.04	184	12272	2.719	ng	95

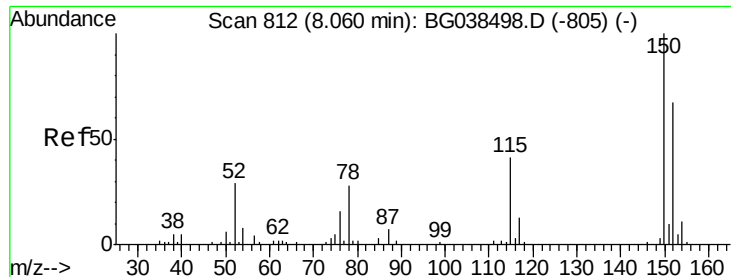
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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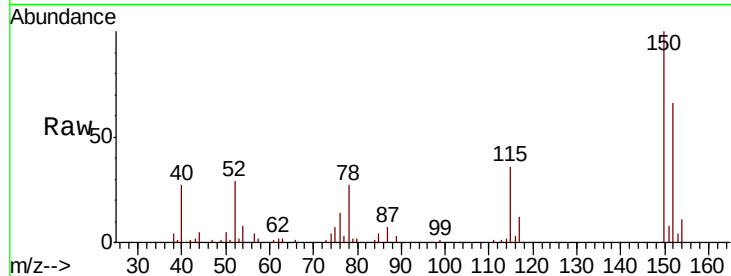


#1

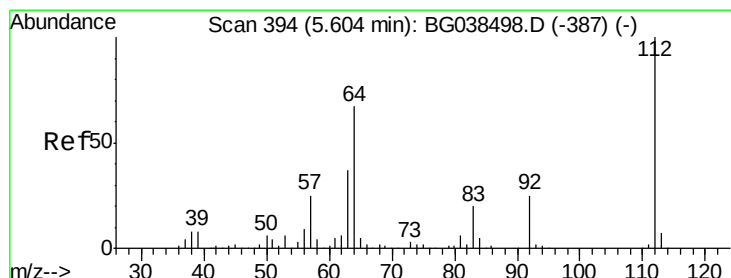
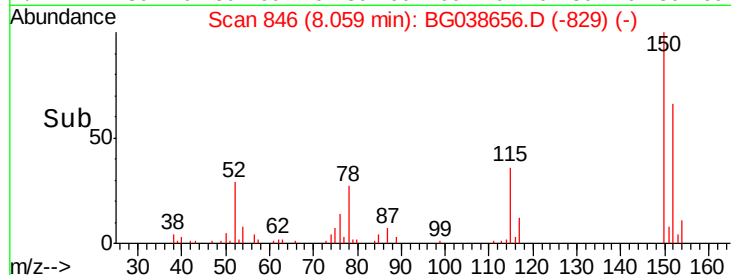
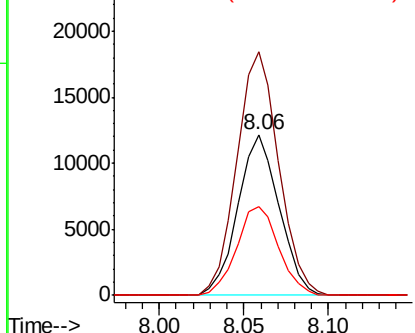
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038656.D
Acq: 17 Dec 2018 10:26

Instrument :
BNA_G
ClientSampleId :
EB12_12-14

Tgt Ion:152 Resp: 20638
Ion Ratio Lower Upper
152 100
150 151.6 119.5 179.3
115 55.3 49.6 74.4



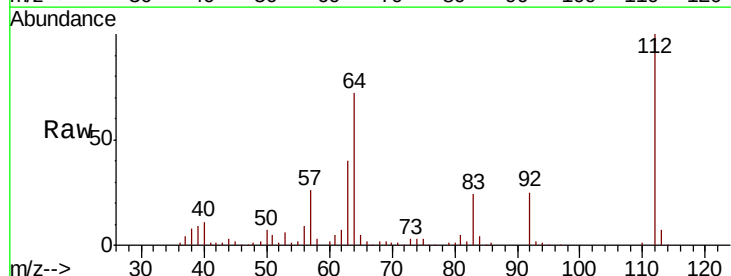
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



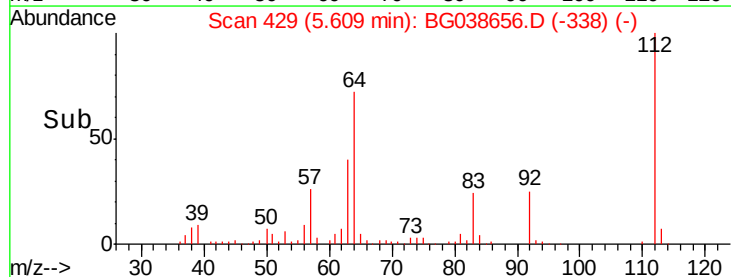
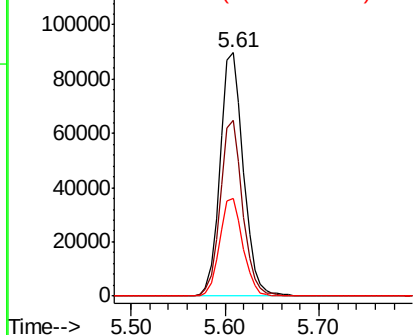
#5

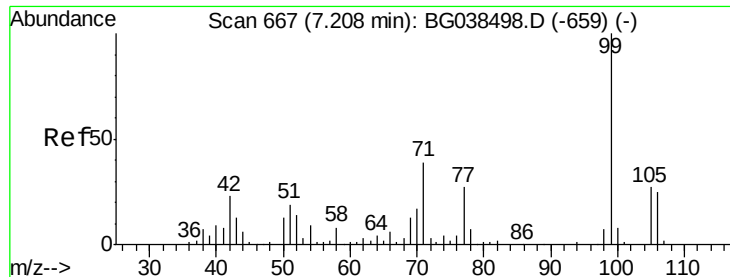
2-Fluorophenol
Concen: 133.302 ng
RT: 5.61 min Scan# 429
Delta R.T. 0.01 min
Lab File: BG038656.D
Acq: 17 Dec 2018 10:26

Tgt Ion:112 Resp: 155109
Ion Ratio Lower Upper
112 100
64 72.1 53.4 80.2
63 40.4 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: 132.605 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

EB12_12-14

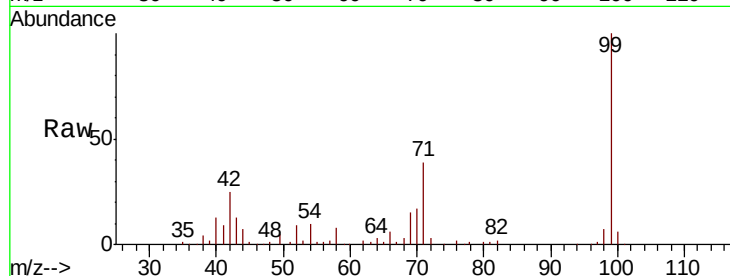
Tgt Ion: 99 Resp: 211820

Ion Ratio Lower Upper

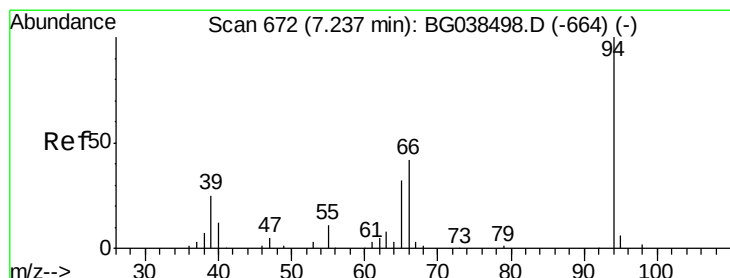
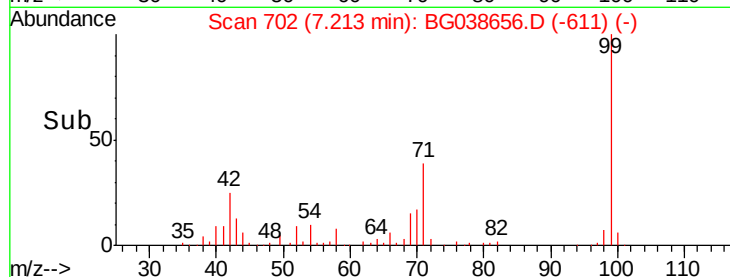
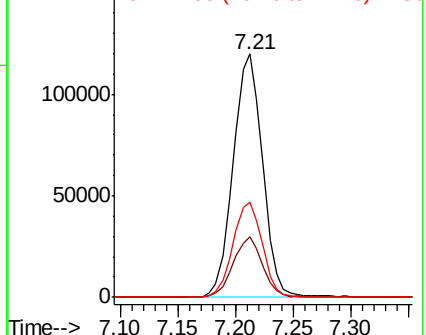
99 100

42 24.8 18.5 27.7

71 39.1 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: 7.171 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

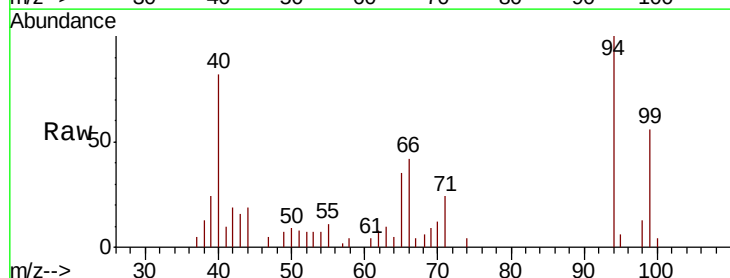
Tgt Ion: 94 Resp: 12169

Ion Ratio Lower Upper

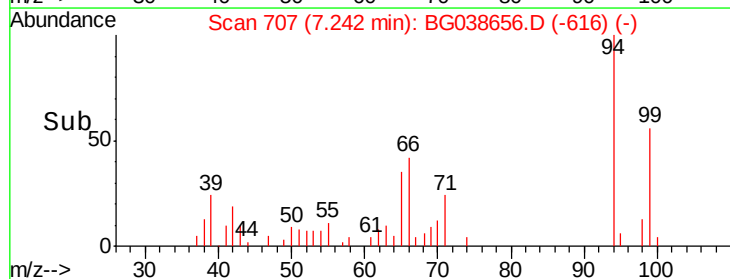
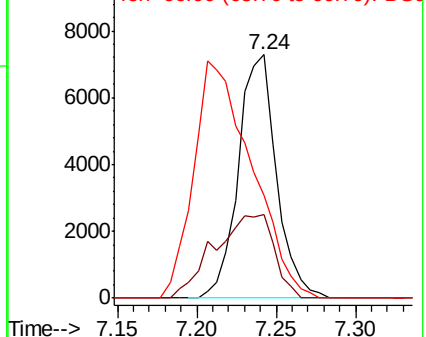
94 100

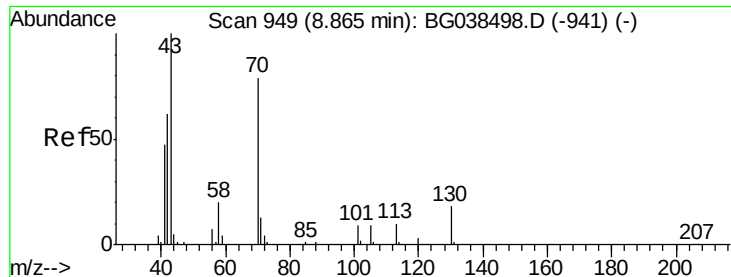
65 34.6 12.6 52.6

66 42.2 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

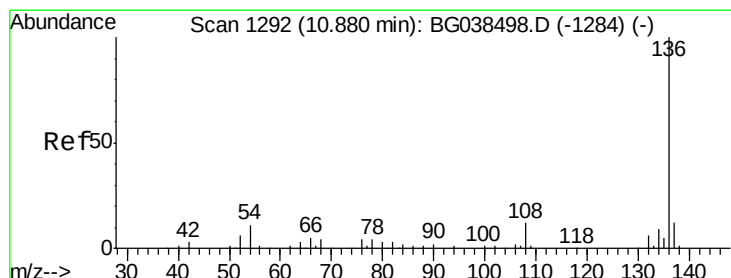
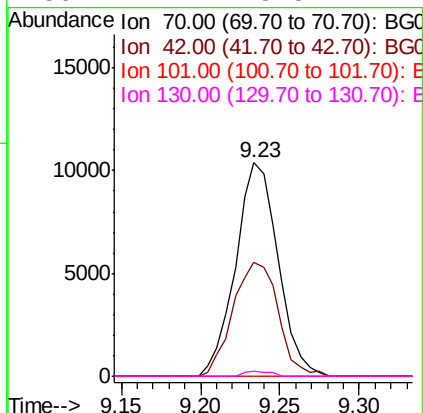
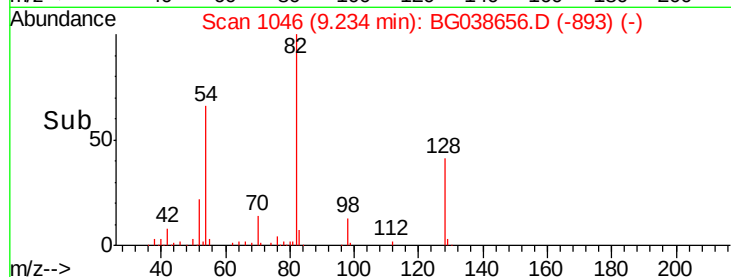
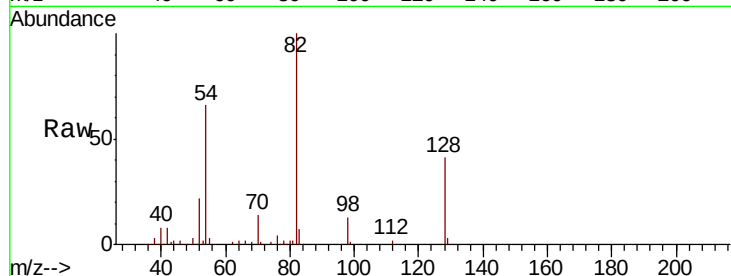




#19
n-Nitroso-di-n-propylamine
Concen: 17.150 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038656.D
Acq: 17 Dec 2018 10:26

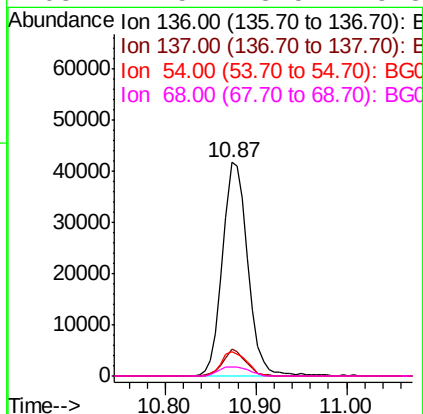
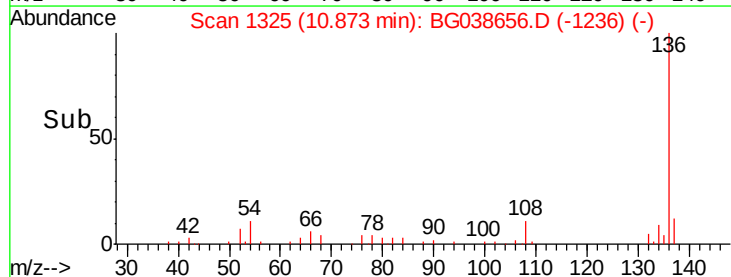
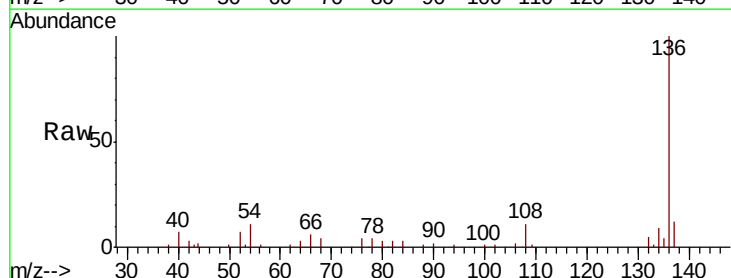
Instrument :
BNA_G
ClientSampleId :
EB12_12-14

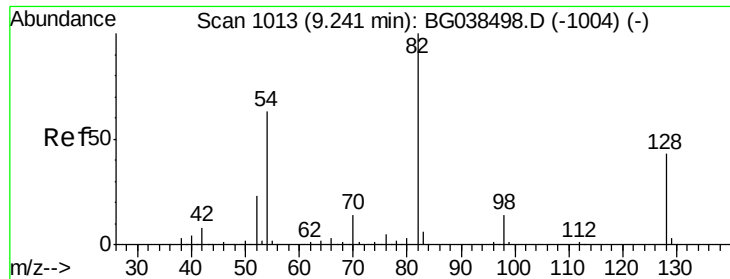
Tgt Ion: 70 Resp: 19241
Ion Ratio Lower Upper
70 100
42 53.6 63.6 95.4#
101 0.0 9.2 13.8#
130 2.2 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038656.D
Acq: 17 Dec 2018 10:26

Tgt Ion: 136 Resp: 80978
Ion Ratio Lower Upper
136 100
137 12.5 9.3 13.9
54 11.2 8.5 12.7
68 4.5 3.5 5.3

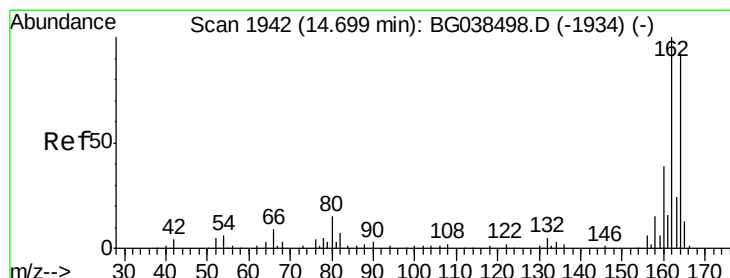
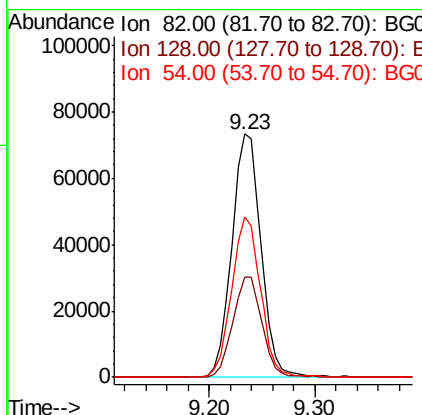
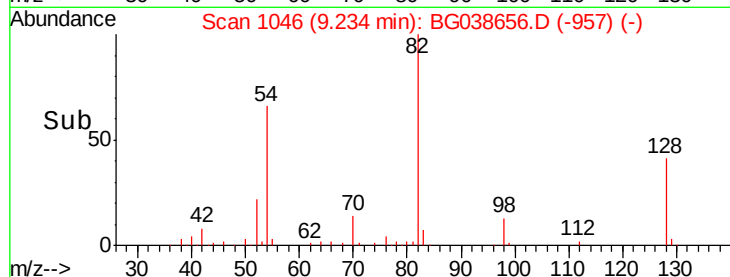
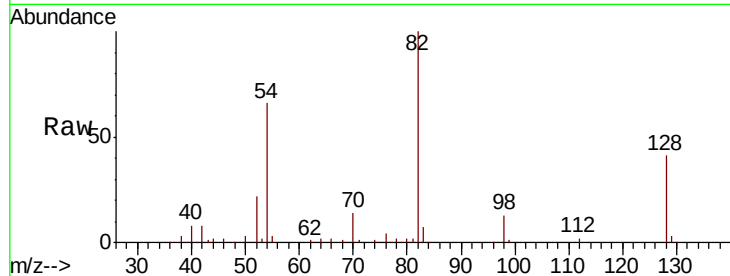




#23
 Nitrobenzene-d5
 Concen: 88.024 ng
 RT: 9.23 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BG038656.D
 Acq: 17 Dec 2018 10:26

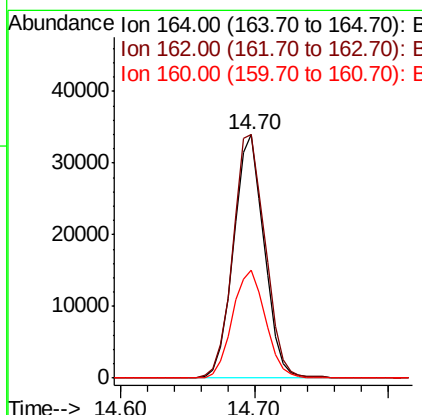
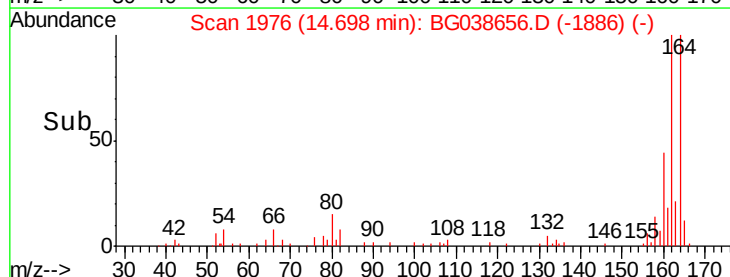
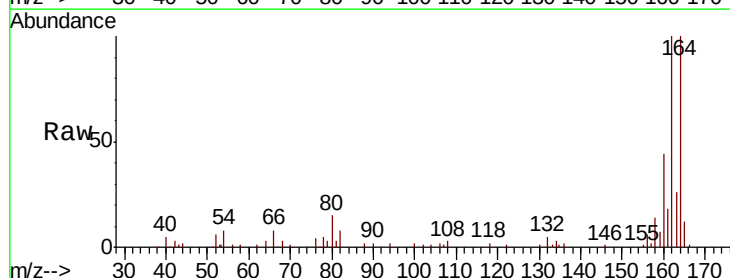
Instrument :
 BNA_G
 ClientSampleID :
 EB12_12-14

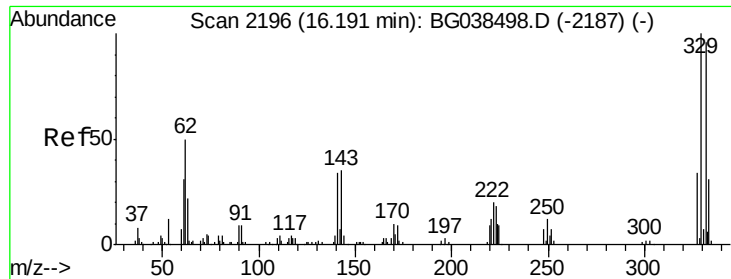
Tgt Ion: 82 Resp: 139527
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 52.0
 54 65.8 50.6 76.0



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG038656.D
 Acq: 17 Dec 2018 10:26

Tgt Ion: 164 Resp: 53868
 Ion Ratio Lower Upper
 164 100
 162 100.2 86.6 130.0
 160 44.2 34.2 51.2

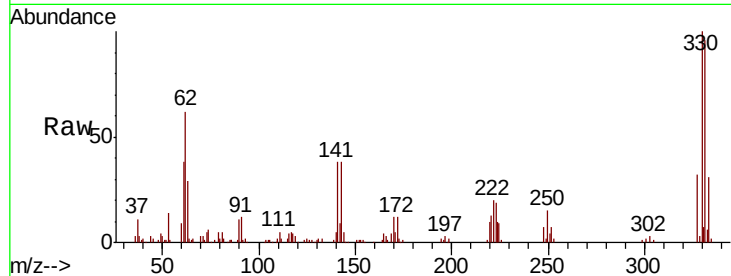




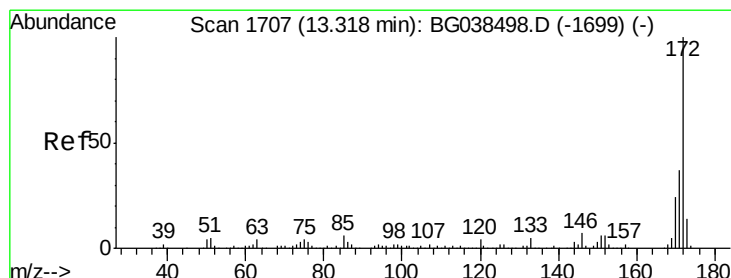
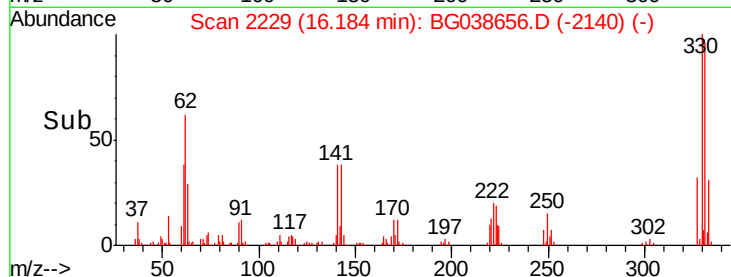
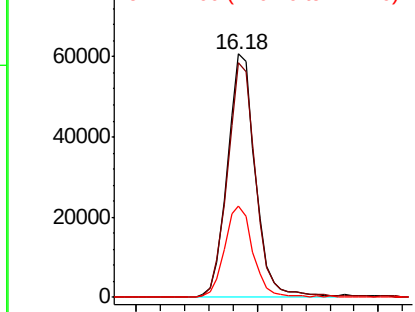
#42
 2,4,6-Tribromophenol
 Concen: 131.681 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038656.D
 Acq: 17 Dec 2018 10:26

Instrument :
 BNA_G
 ClientSampleId :
 EB12_12-14

Tgt Ion:330 Resp: 97760
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.9 115.3
 141 37.9 28.8 43.2

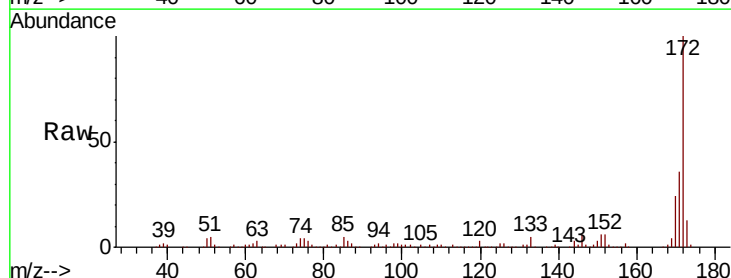


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

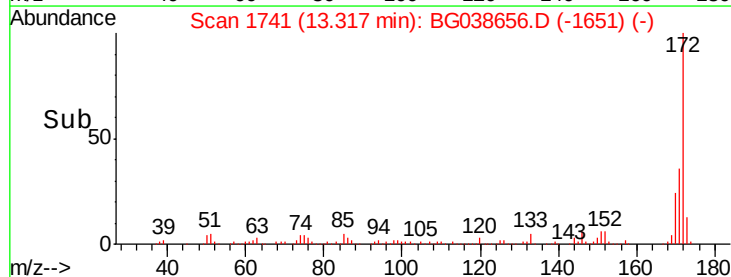
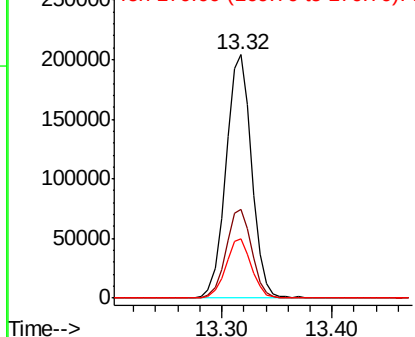


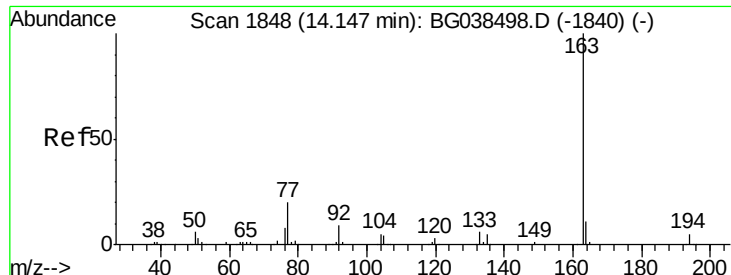
#45
 2-Fluorobiphenyl
 Concen: 84.615 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038656.D
 Acq: 17 Dec 2018 10:26

Tgt Ion:172 Resp: 332254
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.8 44.6
 170 24.2 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: 10.136 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

EB12_12-14

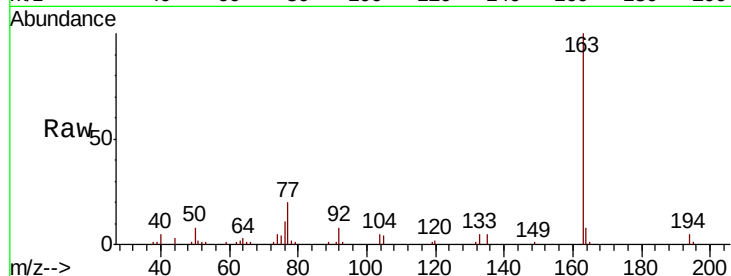
Tgt Ion:163 Resp: 44587

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

164 8.3 8.6 12.8#

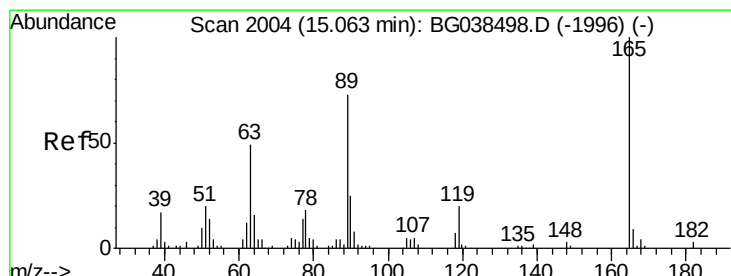
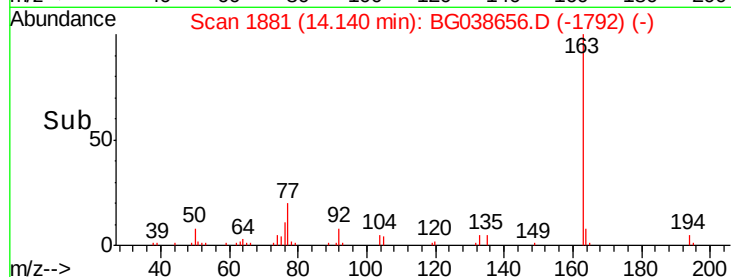
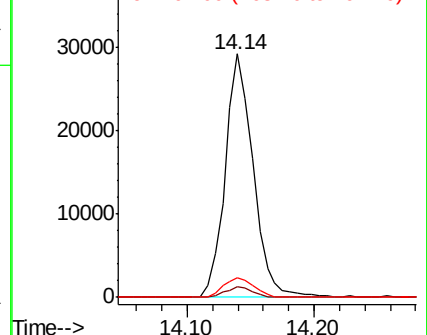


Abundance

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: 5.079 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.37 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

Tgt Ion:165 Resp: 7132

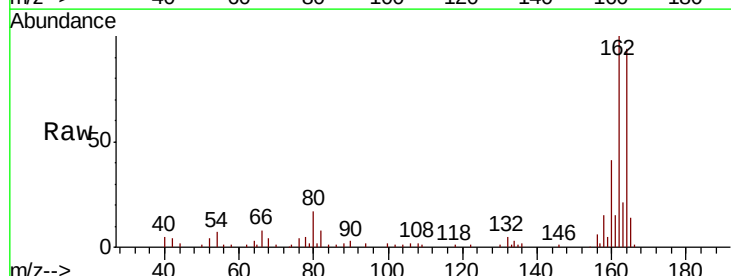
Ion Ratio Lower Upper

165 100

63 0.0 39.0 58.4#

89 0.0 58.0 87.0#

182 0.0 2.3 3.5#



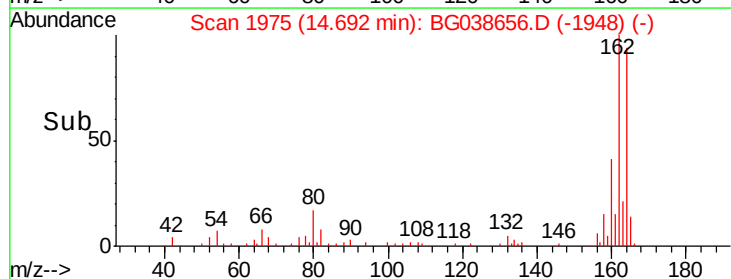
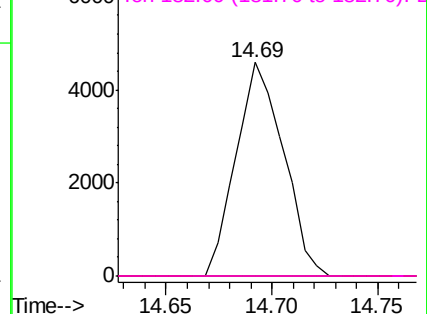
Abundance

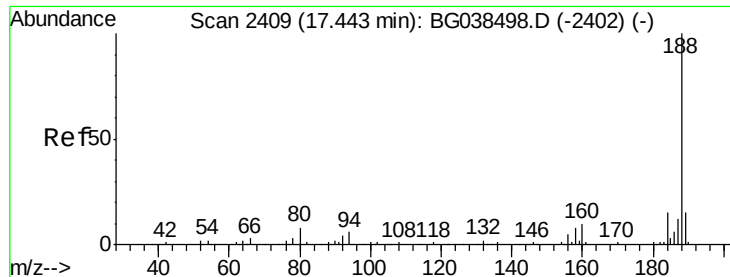
Ion 165.00 (164.70 to 165.70): E

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: BG038656.D

Acq: 17 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

EB12_12-14

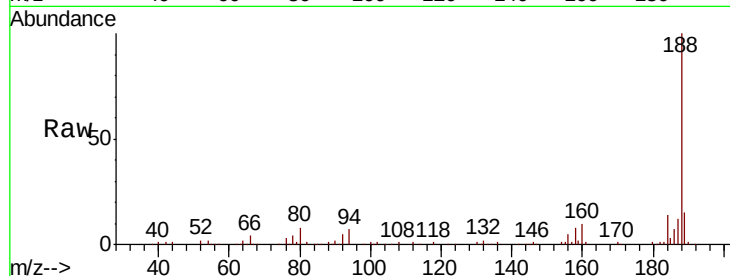
Tgt Ion:188 Resp: 143226

Ion Ratio Lower Upper

188 100

94 6.8 5.1 7.7

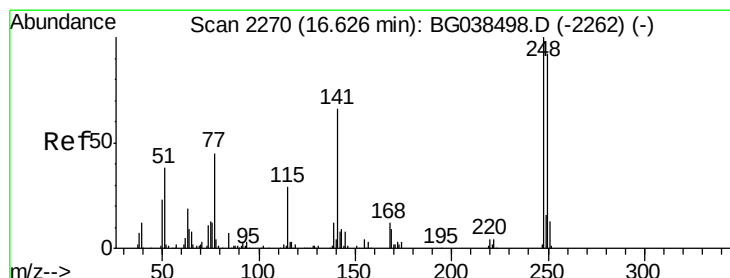
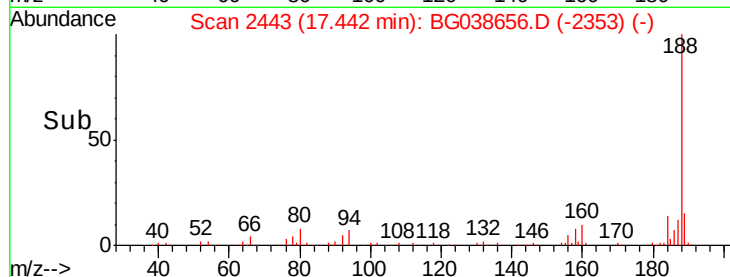
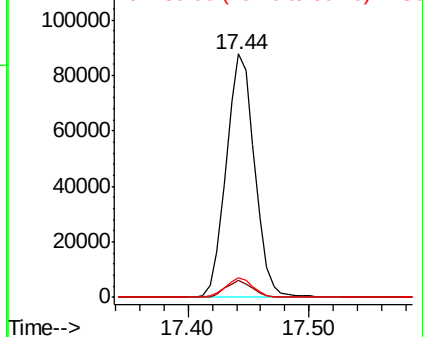
80 7.9 6.1 9.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#67

4-Bromophenyl-phenylether

Concen: 3.786 ng

RT: 16.18 min Scan# 2229

Delta R.T. -0.44 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

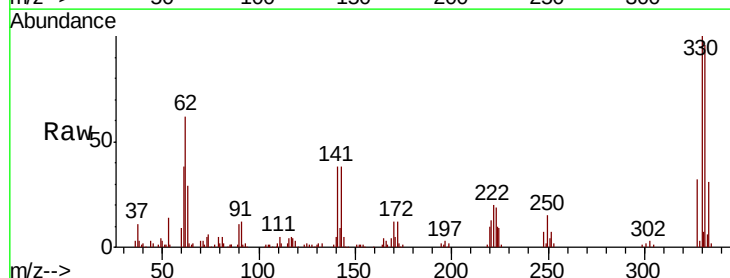
Tgt Ion:248 Resp: 6623

Ion Ratio Lower Upper

248 100

250 193.0 73.4 110.2#

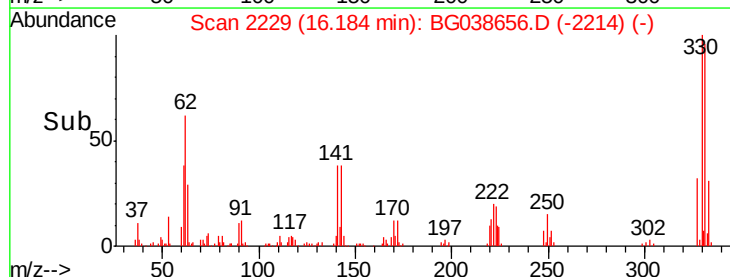
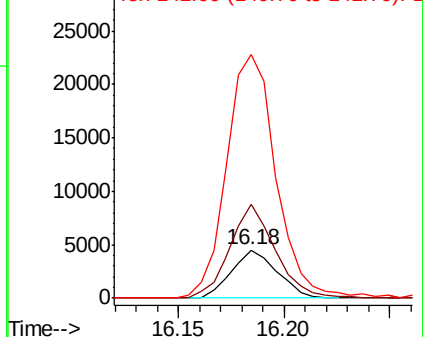
141 381.8 52.9 79.3#

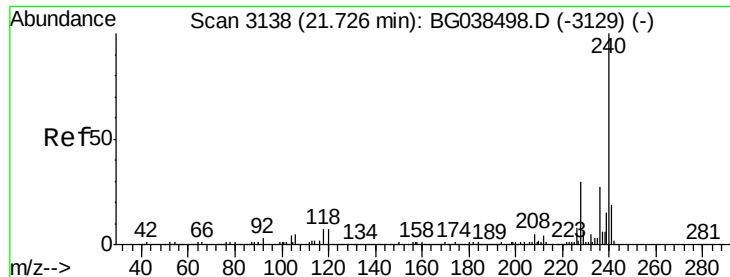


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

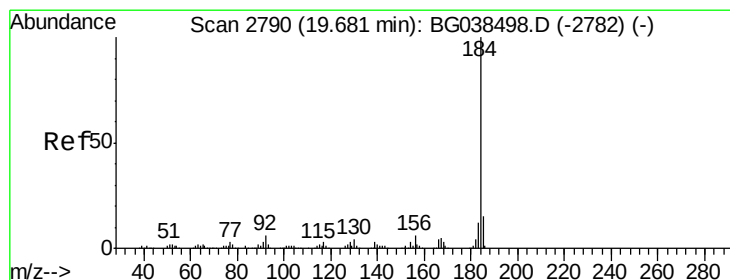
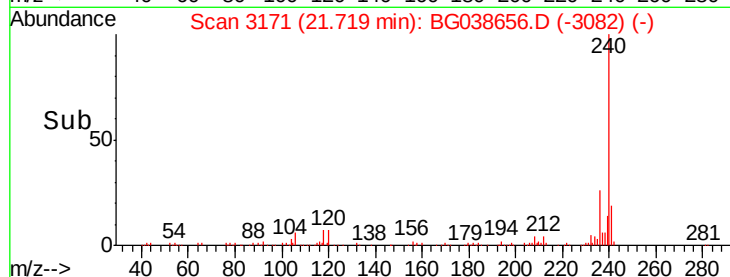
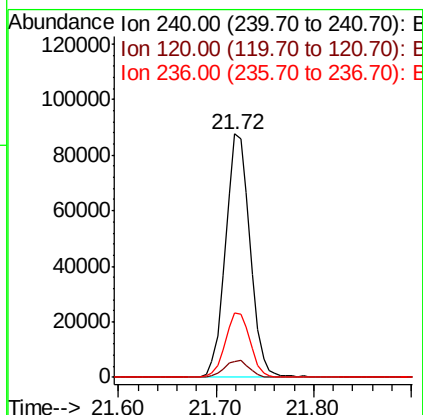
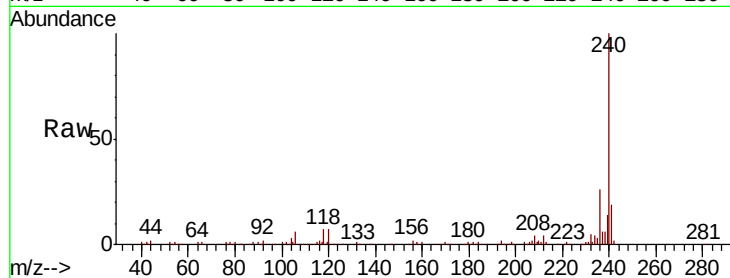




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.01 min
Lab File: BG038656.D
Acq: 17 Dec 2018 10:26

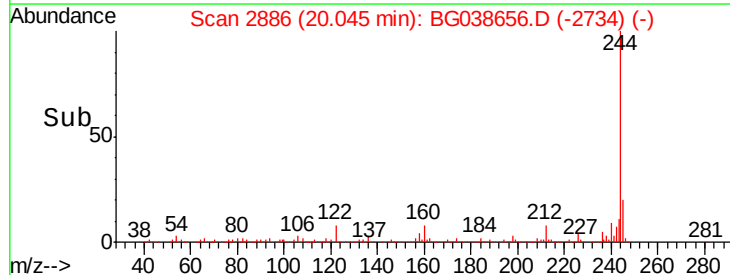
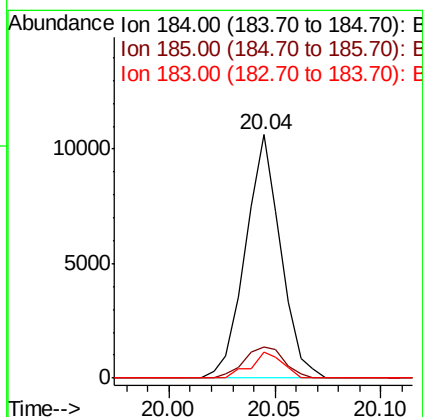
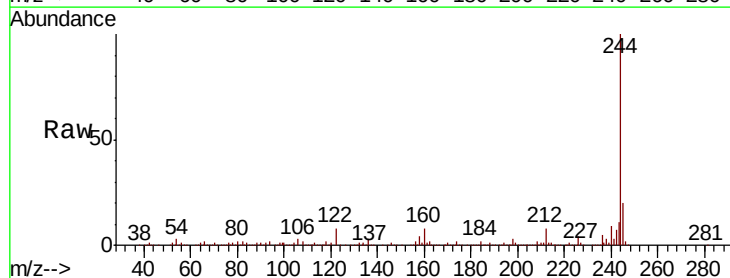
Instrument :
BNA_G
ClientSampleId :
EB12_12-14

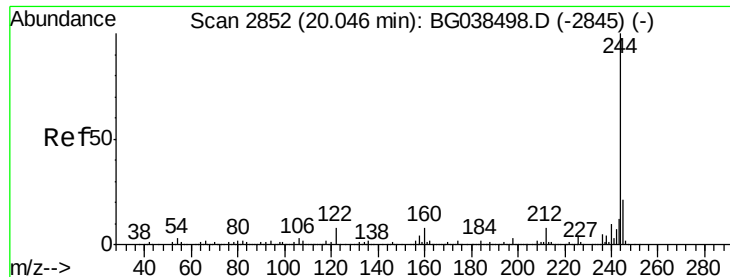
Tgt Ion:240 Resp: 152610
Ion Ratio Lower Upper
240 100
120 6.7 5.3 7.9
236 26.5 21.4 32.2



#77
Benzidine
Concen: 2.719 ng
RT: 20.04 min Scan# 2886
Delta R.T. 0.36 min
Lab File: BG038656.D
Acq: 17 Dec 2018 10:26

Tgt Ion:184 Resp: 12272
Ion Ratio Lower Upper
184 100
185 12.7 12.2 18.2
183 10.5 9.6 14.4





#79

Terphenyl-d14

Concen: 95.497 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

Instrument :

BNA_G

ClientSampleId :

EB12_12-14

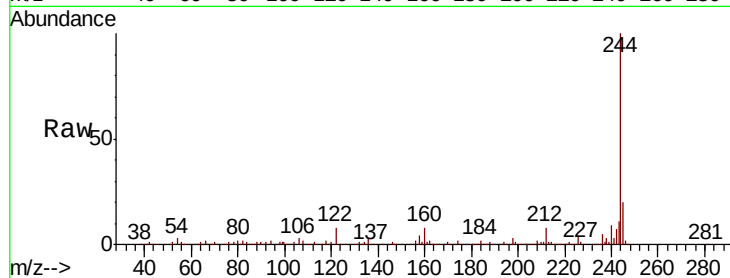
Tgt Ion:244 Resp: 669652

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

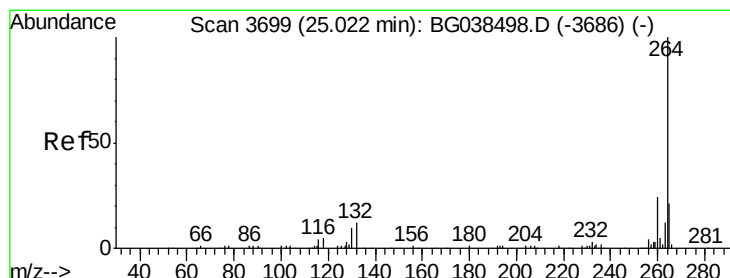
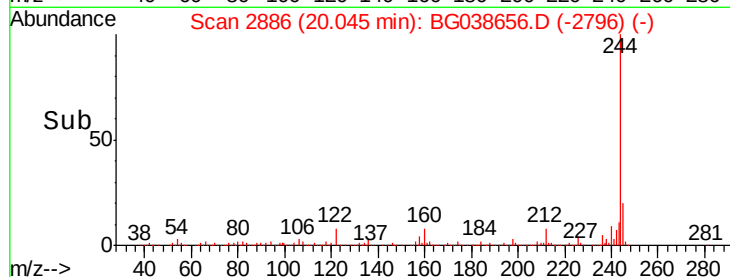
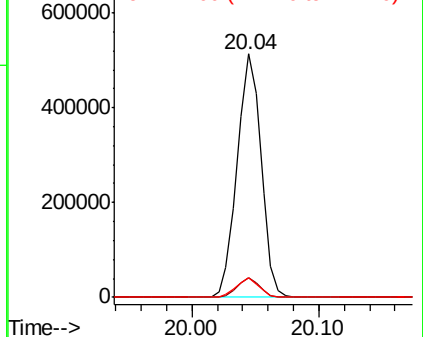
122 8.2 6.3 9.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038656.D

Acq: 17 Dec 2018 10:26

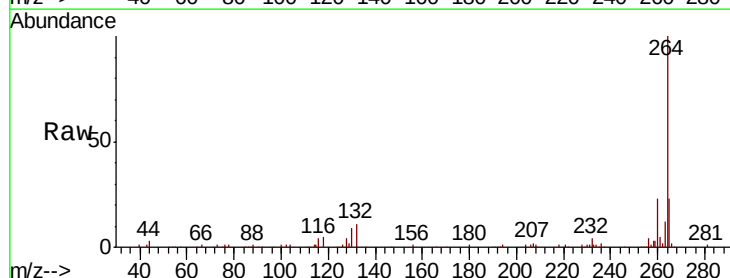
Tgt Ion:264 Resp: 160885

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 23.3 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

