

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038663.D
 Acq On : 17 Dec 2018 15:04
 Operator : JU/SJ
 Sample : J6378-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0612-01

Quant Time: Dec 18 02:56:48 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

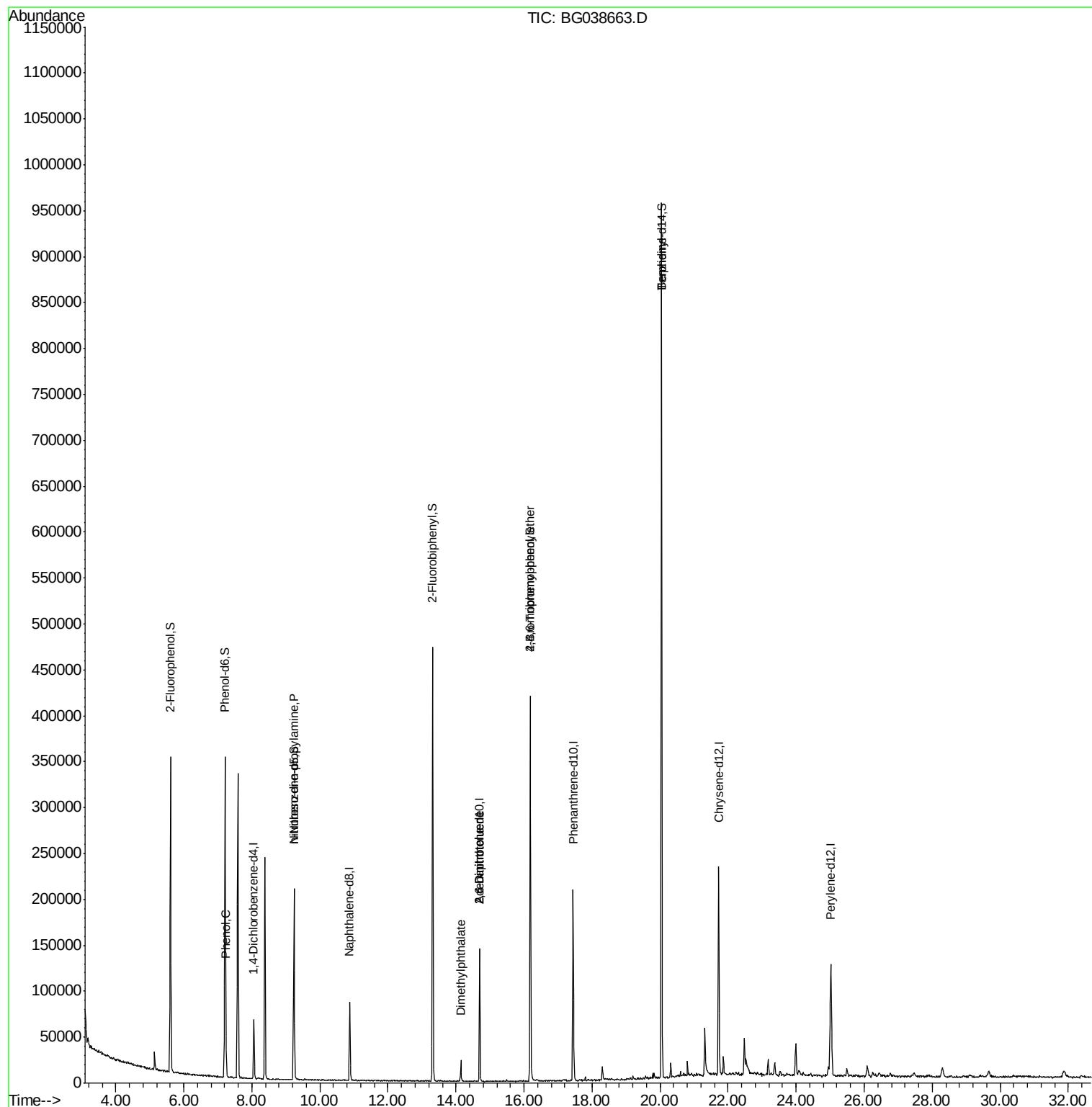
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	18901	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	75811	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	50772	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	136216	20.00	ng	0.00
76) Chrysene-d12	21.72	240	144132	20.00	ng	0.00
87) Perylene-d12	25.02	264	155830	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	143211	134.39	ng	0.00
7) Phenol-d6	7.21	99	190503	130.22	ng	0.00
23) Nitrobenzene-d5	9.24	82	124461	83.87	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	84656	120.98	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	254116	68.66	ng	0.00
79) Terphenyl-d14	20.04	244	481130	72.65	ng	0.00
Target Compounds						
10) Phenol	7.24	94	12637	8.131	ng	89
19) n-Nitroso-di-n-propylamine	9.24	70	16596	16.152	ng	# 74
50) Dimethylphthalate	14.14	163	17204	4.149	ng	97
51) 2,6-Dinitrotoluene	14.70	165	6403	6.815	ng	# 19
57) 2,4-Dinitrotoluene	14.70	165	6403	4.838	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	5451	3.277	ng	# 1
77) Benzidine	20.04	184	8902	2.088	ng	# 93

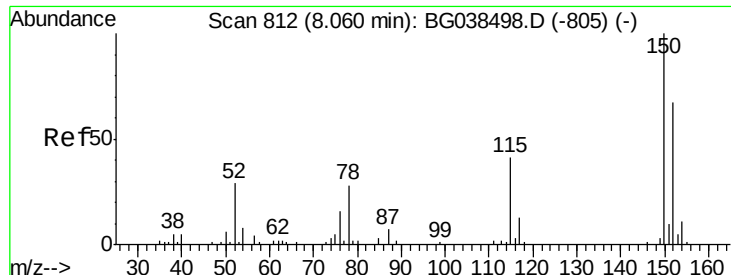
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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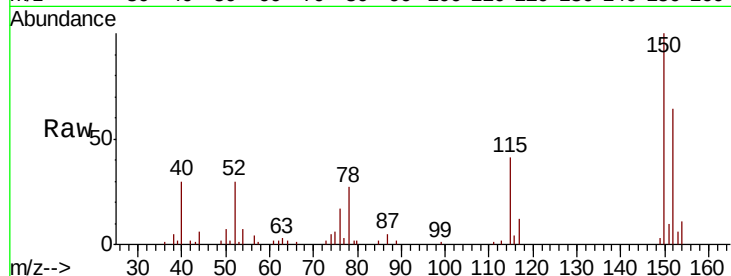


#1

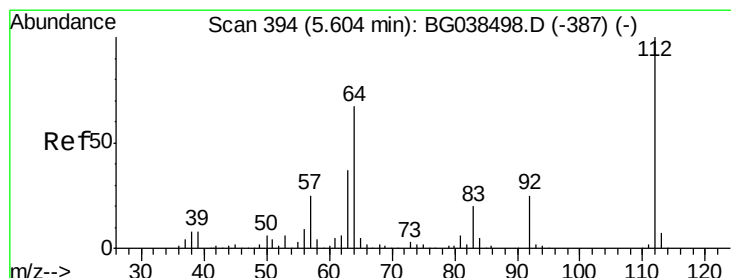
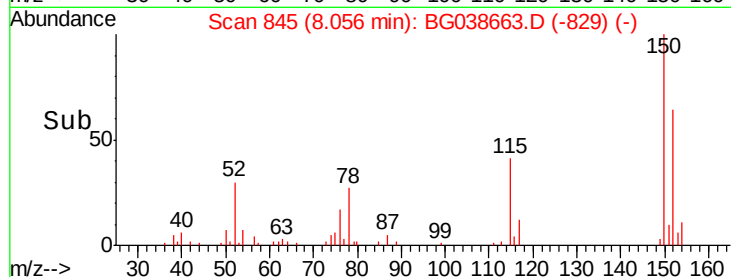
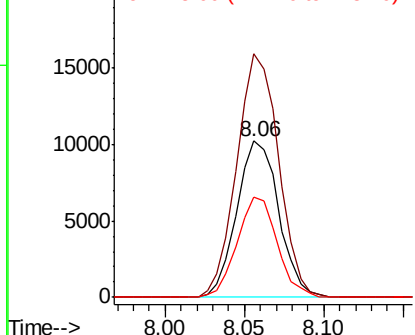
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

Tgt Ion:152 Resp: 18901
Ion Ratio Lower Upper
152 100
150 155.7 119.5 179.3
115 63.9 49.6 74.4



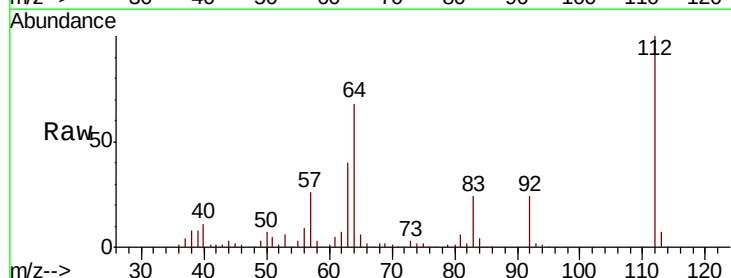
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



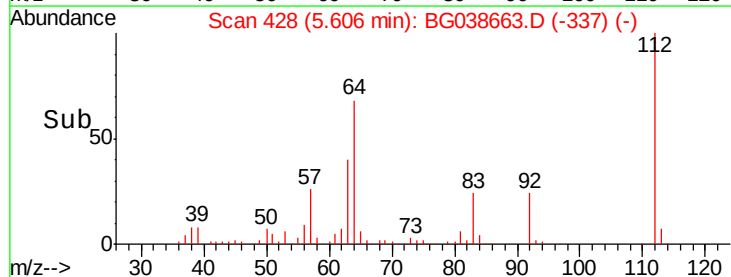
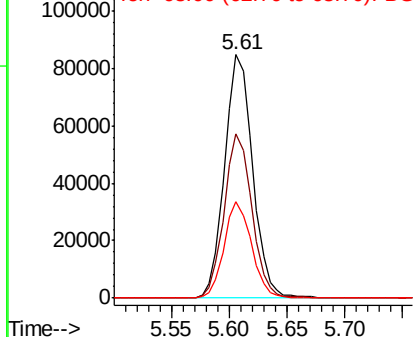
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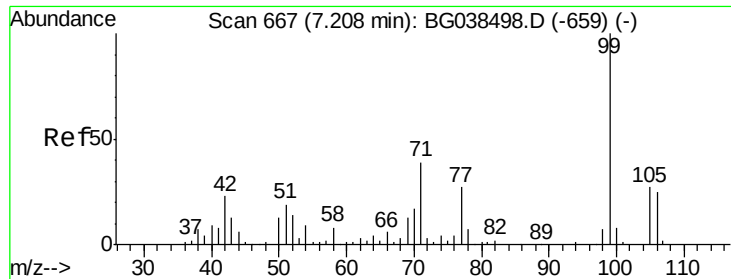
2-Fluorophenol
Concen: 134.388 ng
RT: 5.61 min Scan# 428
Delta R.T. 0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion:112 Resp: 143211
Ion Ratio Lower Upper
112 100
64 67.7 53.4 80.2
63 39.7 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: 130.220 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038663.D

Acq: 17 Dec 2018 15:04

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0612-01

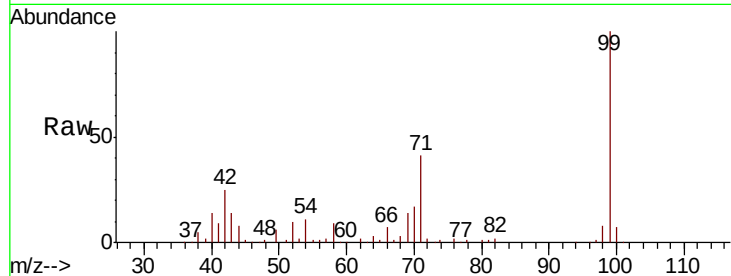
Tgt Ion: 99 Resp: 190503

Ion Ratio Lower Upper

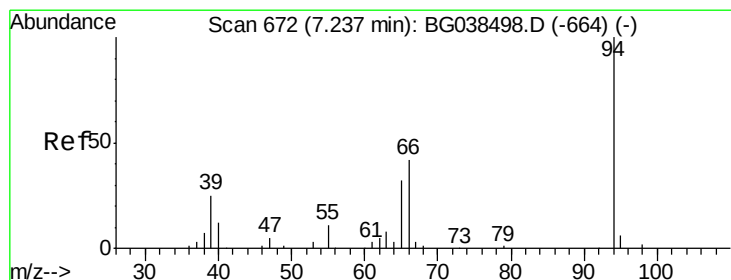
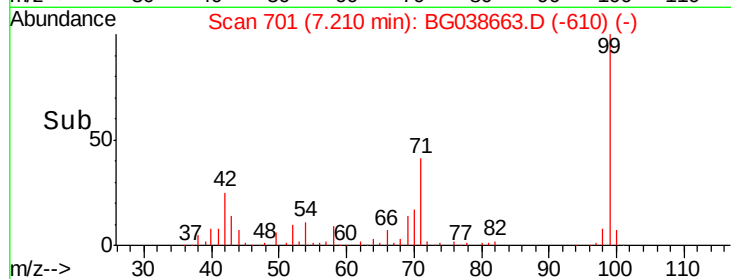
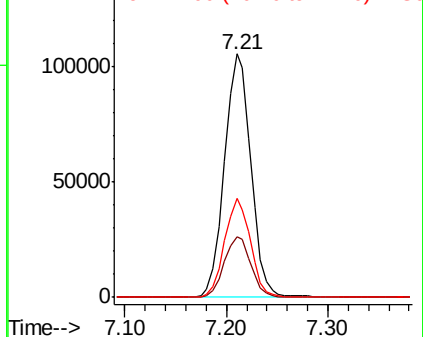
99 100

42 24.8 18.5 27.7

71 40.5 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: 8.131 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG038663.D

Acq: 17 Dec 2018 15:04

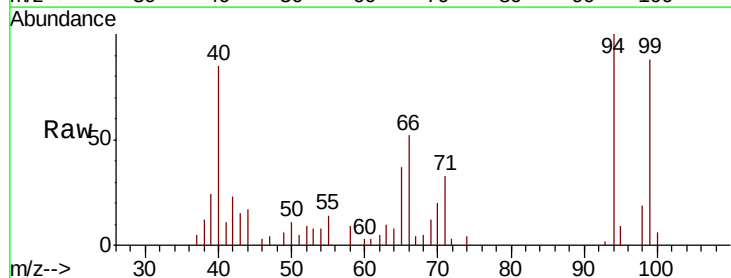
Tgt Ion: 94 Resp: 12637

Ion Ratio Lower Upper

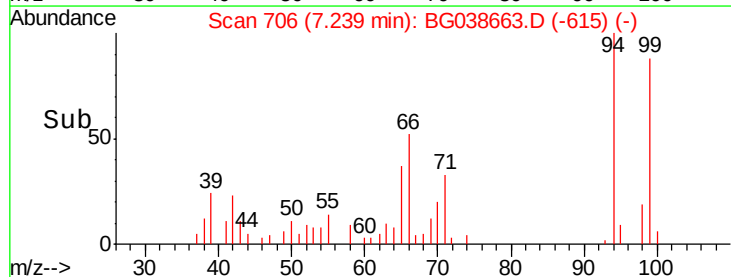
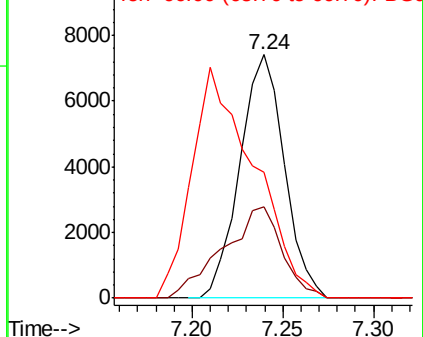
94 100

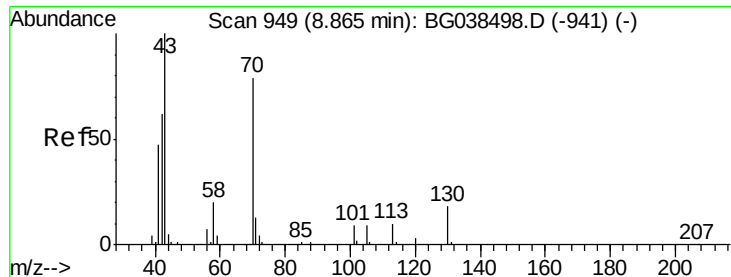
65 37.4 12.6 52.6

66 51.9 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

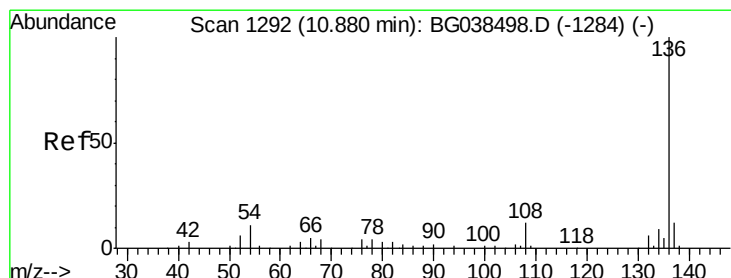
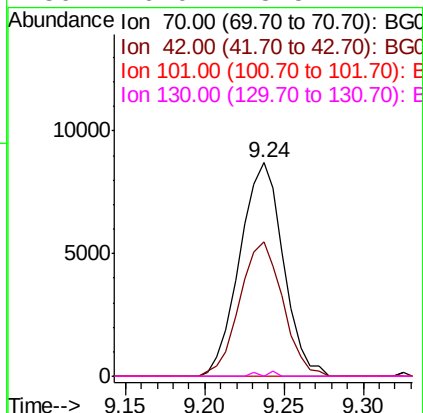
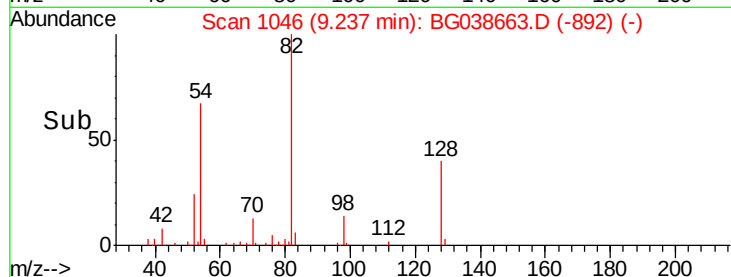
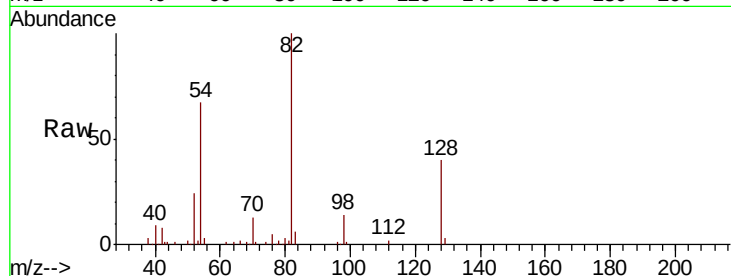




#19
n-Nitroso-di-n-propylamine
Concen: 16.152 ng
RT: 9.24 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

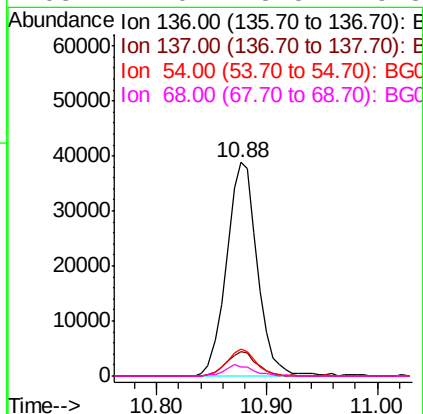
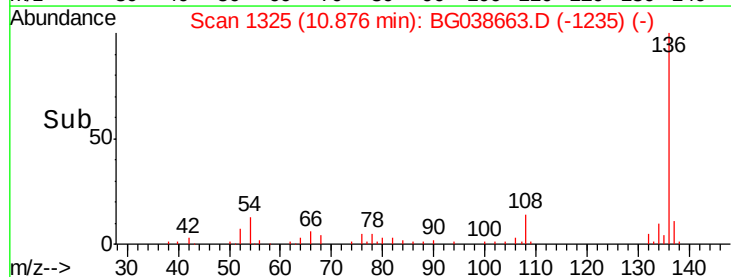
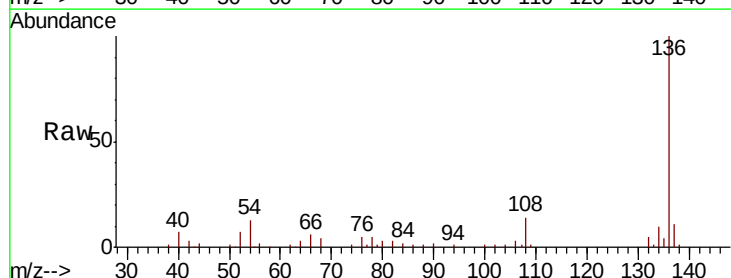
Instrument :
BNA_G
ClientSampleId :
P001-SD011-0612-01

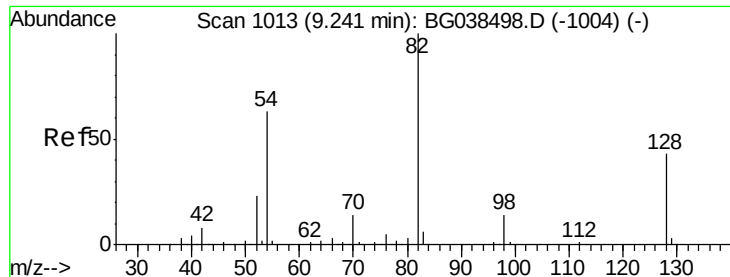
Tgt Ion: 70 Resp: 16596
Ion Ratio Lower Upper
70 100
42 63.1 63.6 95.4#
101 0.0 9.2 13.8#
130 0.0 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BG038663.D
Acq: 17 Dec 2018 15:04

Tgt Ion: 136 Resp: 75811
Ion Ratio Lower Upper
136 100
137 11.5 9.3 13.9
54 12.8 8.5 12.7#
68 4.0 3.5 5.3

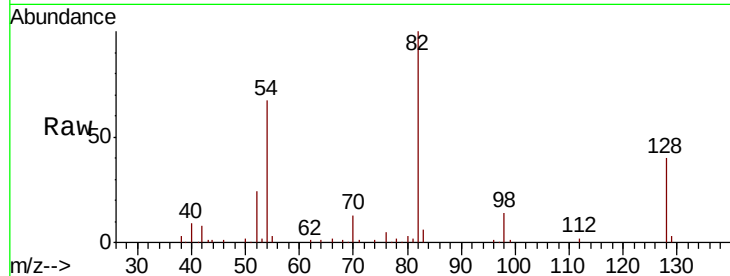




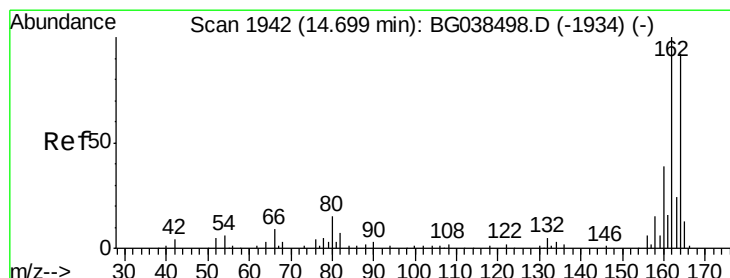
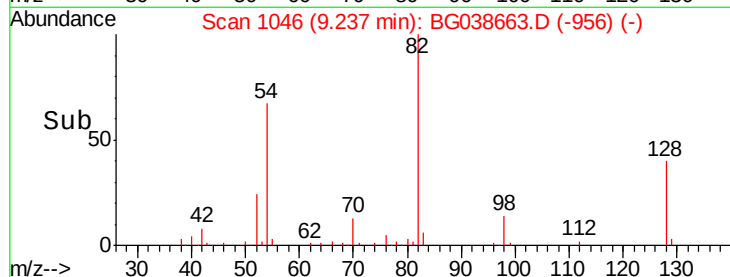
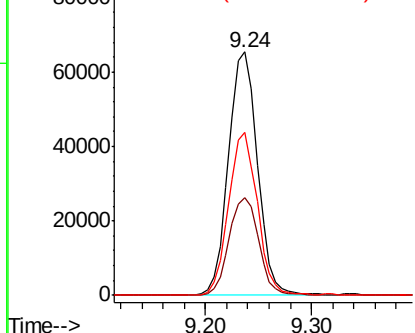
#23
 Nitrobenzene-d5
 Concen: 83.871 ng
 RT: 9.24 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0612-01

Tgt Ion: 82 Resp: 124461
 Ion Ratio Lower Upper
 82 100
 128 40.0 34.6 52.0
 54 66.9 50.6 76.0

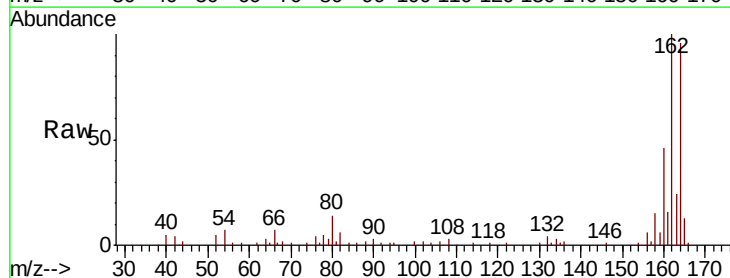


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

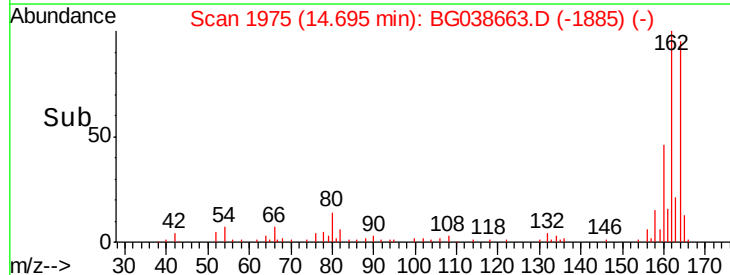
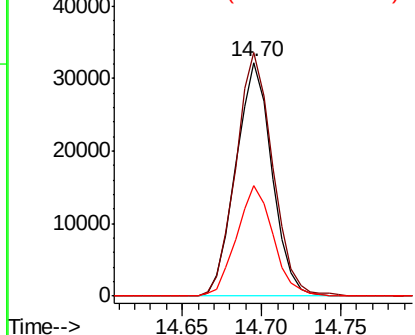


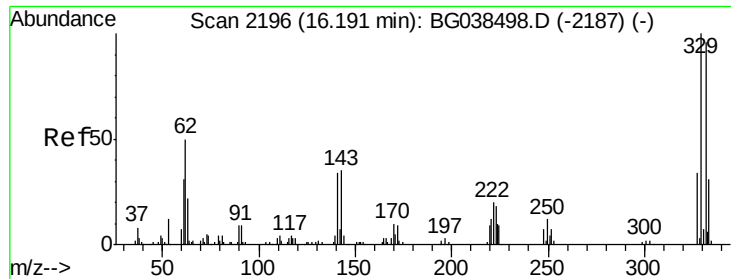
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.00 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Tgt Ion: 164 Resp: 50772
 Ion Ratio Lower Upper
 164 100
 162 104.3 86.6 130.0
 160 47.5 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

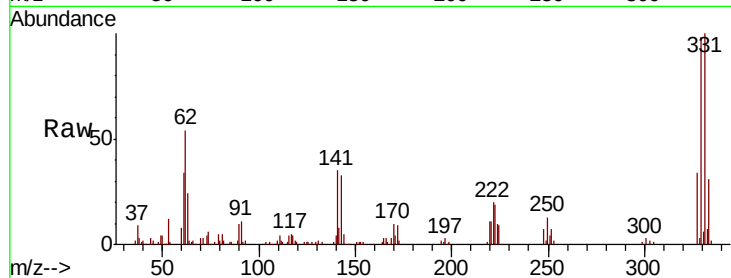




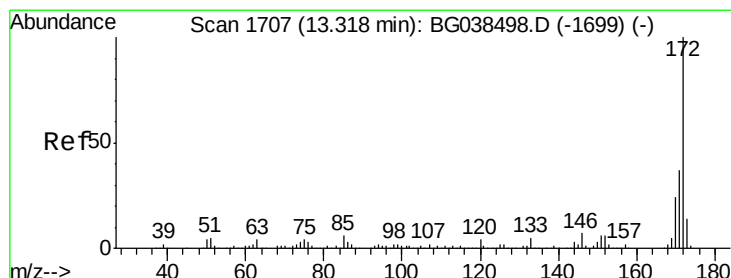
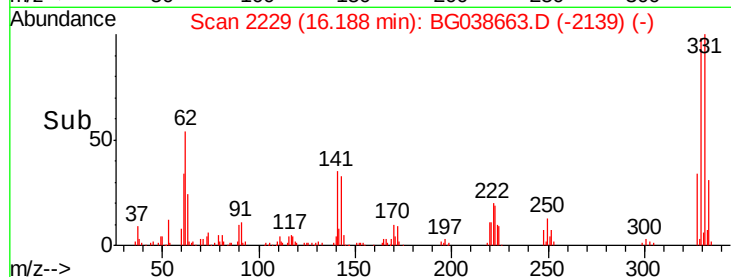
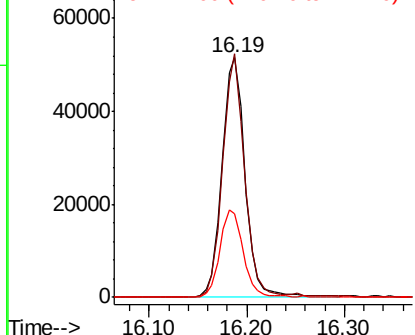
#42
 2,4,6-Tribromophenol
 Concen: 120.984 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.00 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Instrument :
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 P001-SD011-0612-01

Tgt Ion:330 Resp: 84656
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 36.8 28.8 43.2

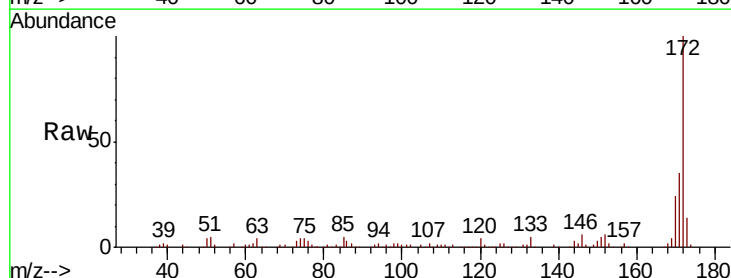


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

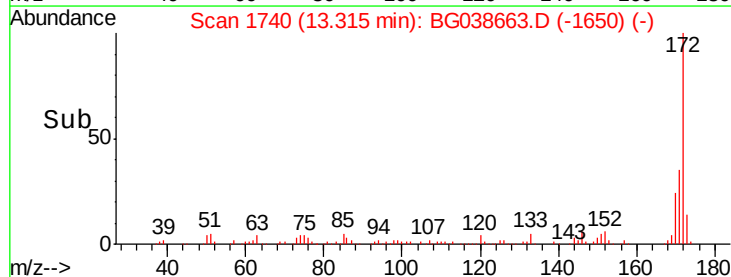
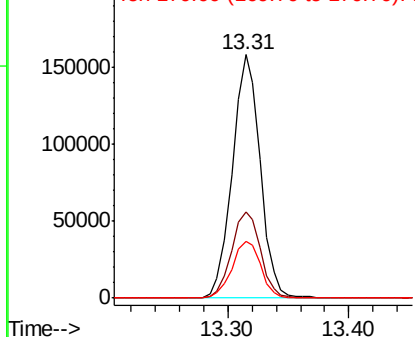


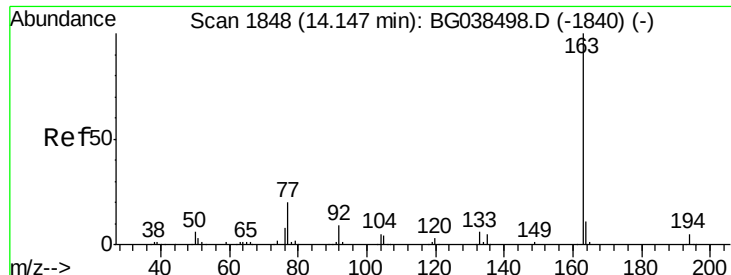
#45
 2-Fluorobiphenyl
 Concen: 68.662 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.00 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Tgt Ion:172 Resp: 254116
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.8 44.6
 170 23.5 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: 4.149 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.00 min

Lab File: BG038663.D

Acq: 17 Dec 2018 15:04

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0612-01

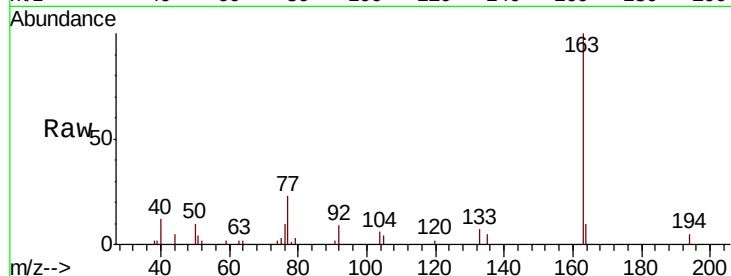
Tgt Ion:163 Resp: 17204

Ion Ratio Lower Upper

163 100

194 5.2 3.7 5.5

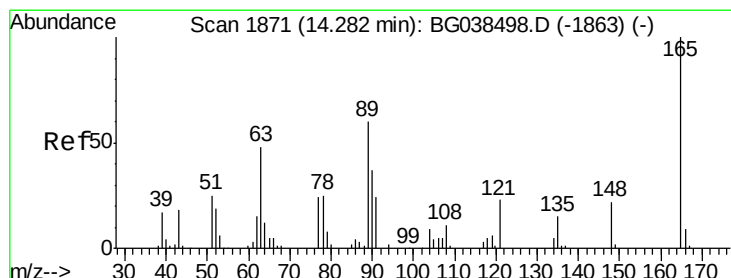
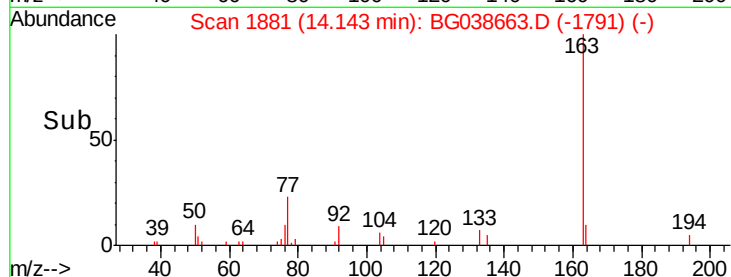
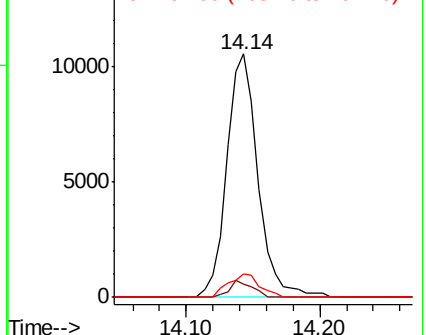
164 9.6 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 6.815 ng

RT: 14.70 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038663.D

Acq: 17 Dec 2018 15:04

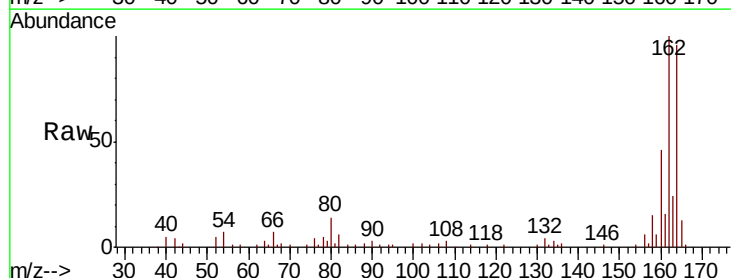
Tgt Ion:165 Resp: 6403

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

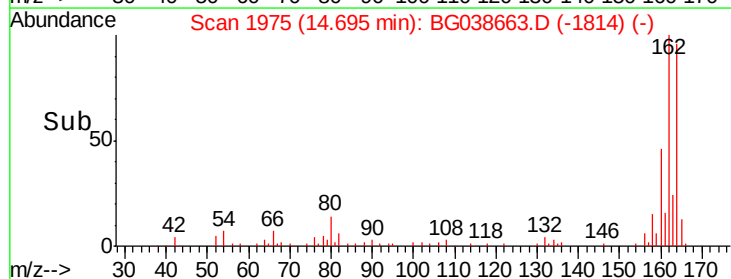
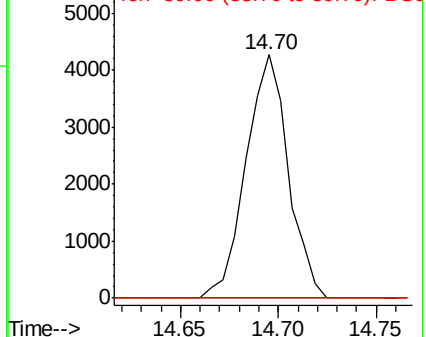
89 0.0 47.9 71.9#

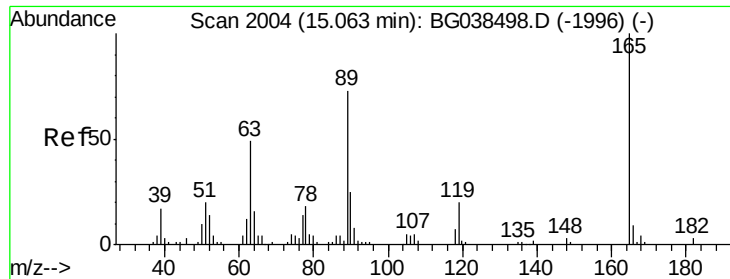


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

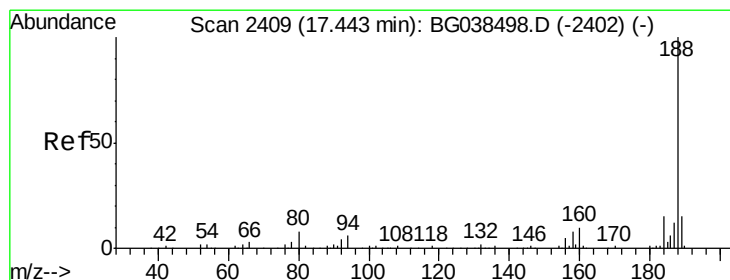
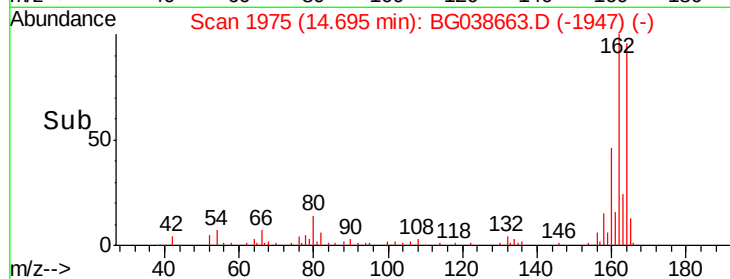
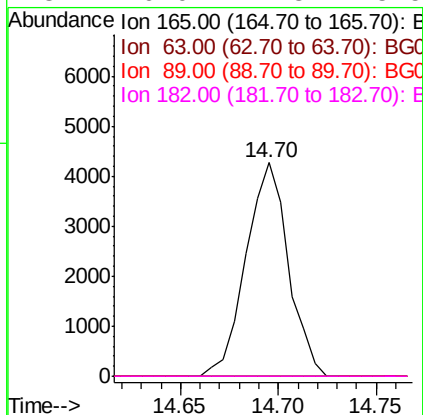
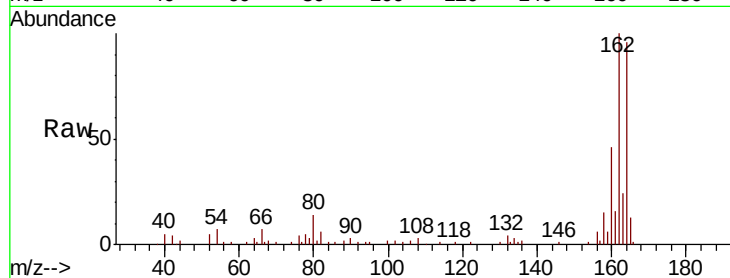




#57
 2,4-Dinitrotoluene
 Concen: 4.838 ng
 RT: 14.70 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

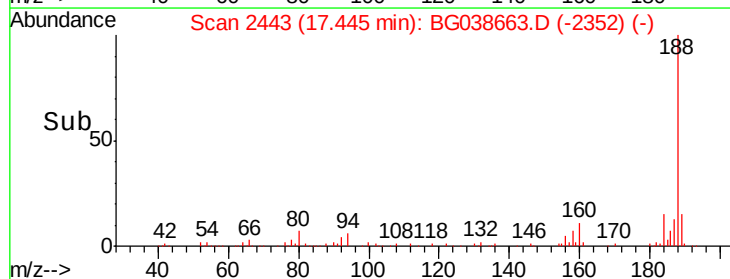
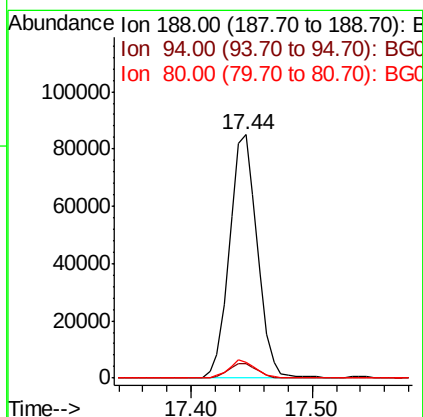
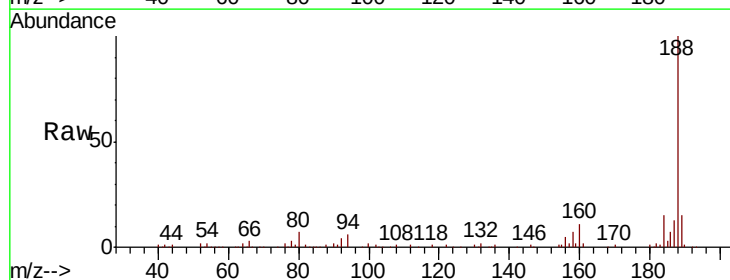
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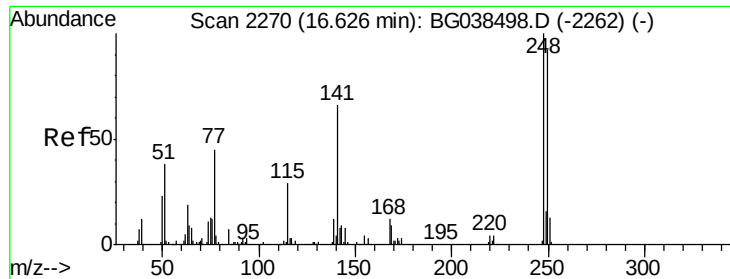
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	39.0	58.4#
89	0.0	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.7	5.1	7.7
80	6.7	6.1	9.1

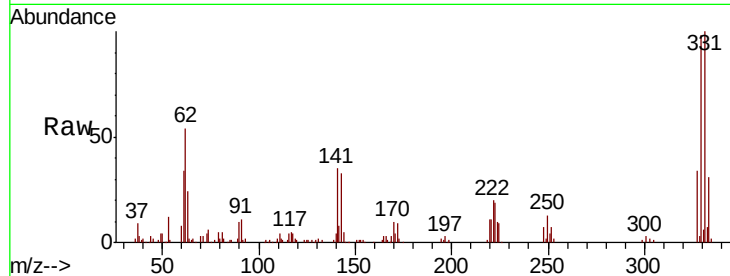




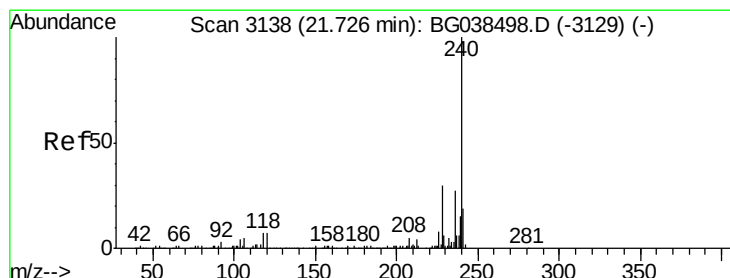
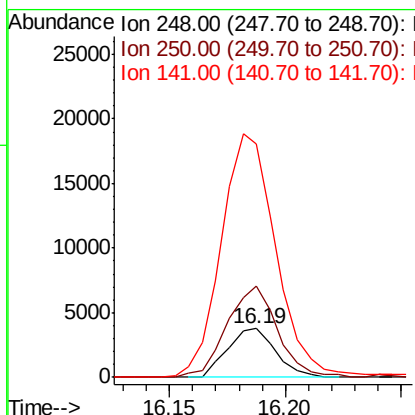
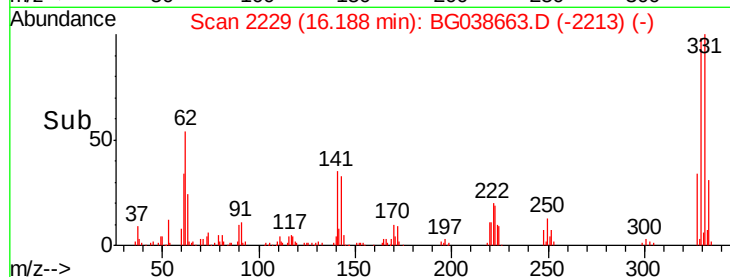
#67
 4-Bromophenyl-phenylether
 Concen: 3.277 ng
 RT: 16.19 min Scan# 2229
 Delta R.T. -0.44 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Instrument :
 BNA_G
 ClientSampleId :
 P001-SD011-0612-01

Tgt Ion:248 Resp: 5451
 Ion Ratio Lower Upper
 248 100
 250 187.2 73.4 110.2#
 141 377.1 52.9 79.3#

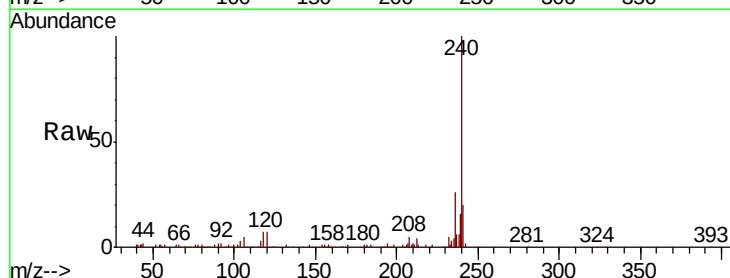


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

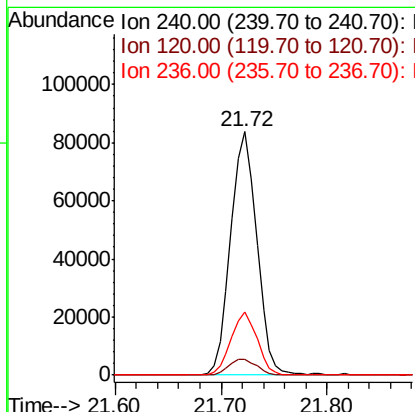
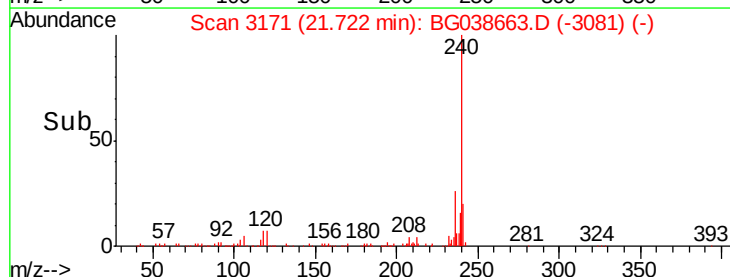


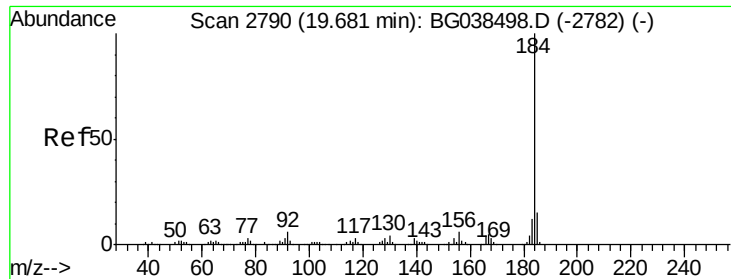
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.00 min
 Lab File: BG038663.D
 Acq: 17 Dec 2018 15:04

Tgt Ion:240 Resp: 144132
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.3 7.9
 236 26.0 21.4 32.2



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





#77

Benzidine

Concen: 2.088 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.36 min

Lab File: BG038663.D

Acq: 17 Dec 2018 15:04

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0612-01

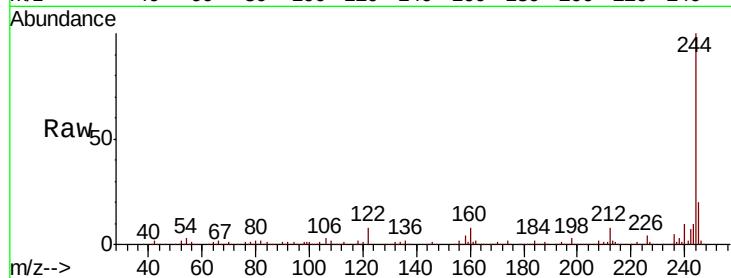
Tgt Ion:184 Resp: 8902

Ion Ratio Lower Upper

184 100

185 16.2 12.2 18.2

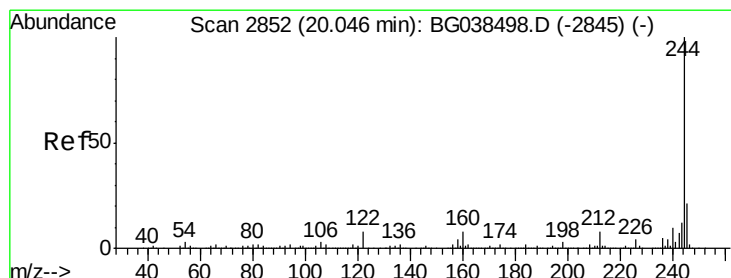
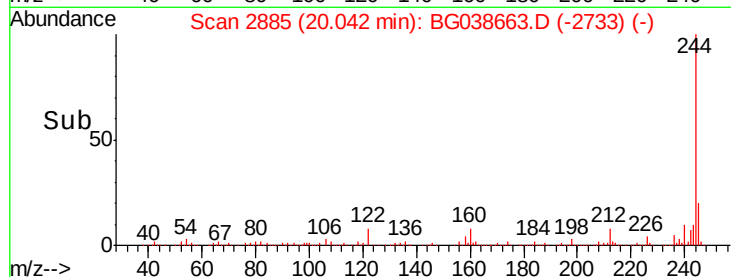
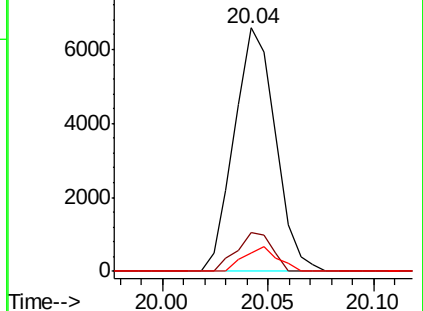
183 7.3 9.6 14.4#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 72.649 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038663.D

Acq: 17 Dec 2018 15:04

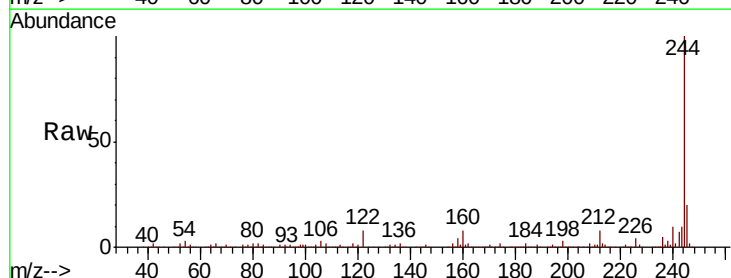
Tgt Ion:244 Resp: 481130

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

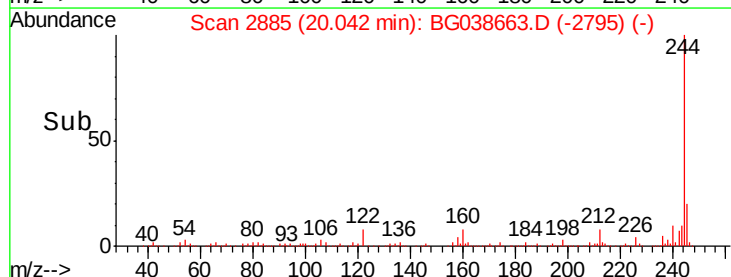
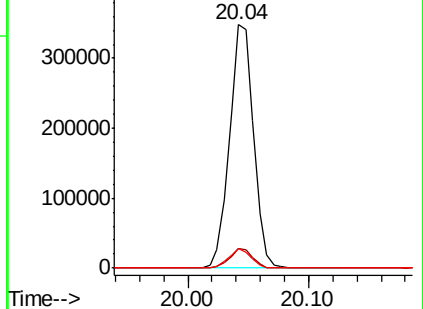
122 7.9 6.3 9.5

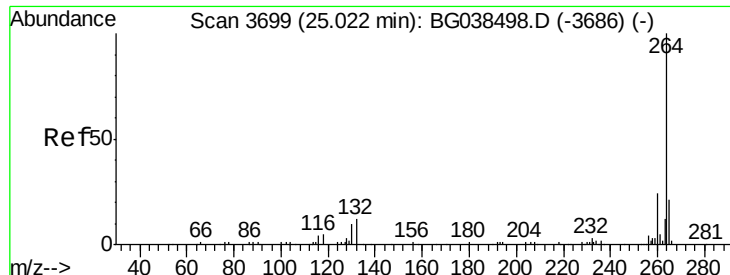


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038663.D

Acq: 17 Dec 2018 15:04

Instrument :

BNA_G

ClientSampleId :

P001-SD011-0612-01

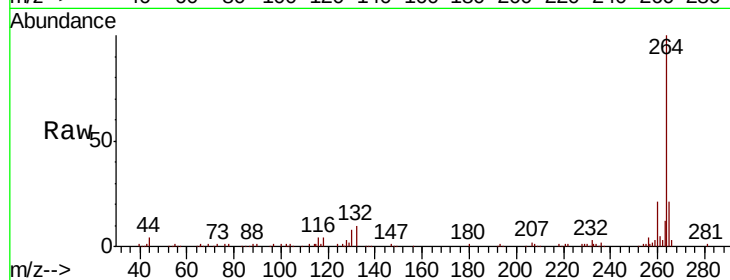
Tgt Ion: 264 Resp: 155830

Ion Ratio Lower Upper

264 100

260 21.1 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

