

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121718\
 Data File : BG038675.D
 Acq On : 17 Dec 2018 23:39
 Operator : JU/SJ
 Sample : J6379-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS002-1824-01

Quant Time: Dec 18 03:45:40 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

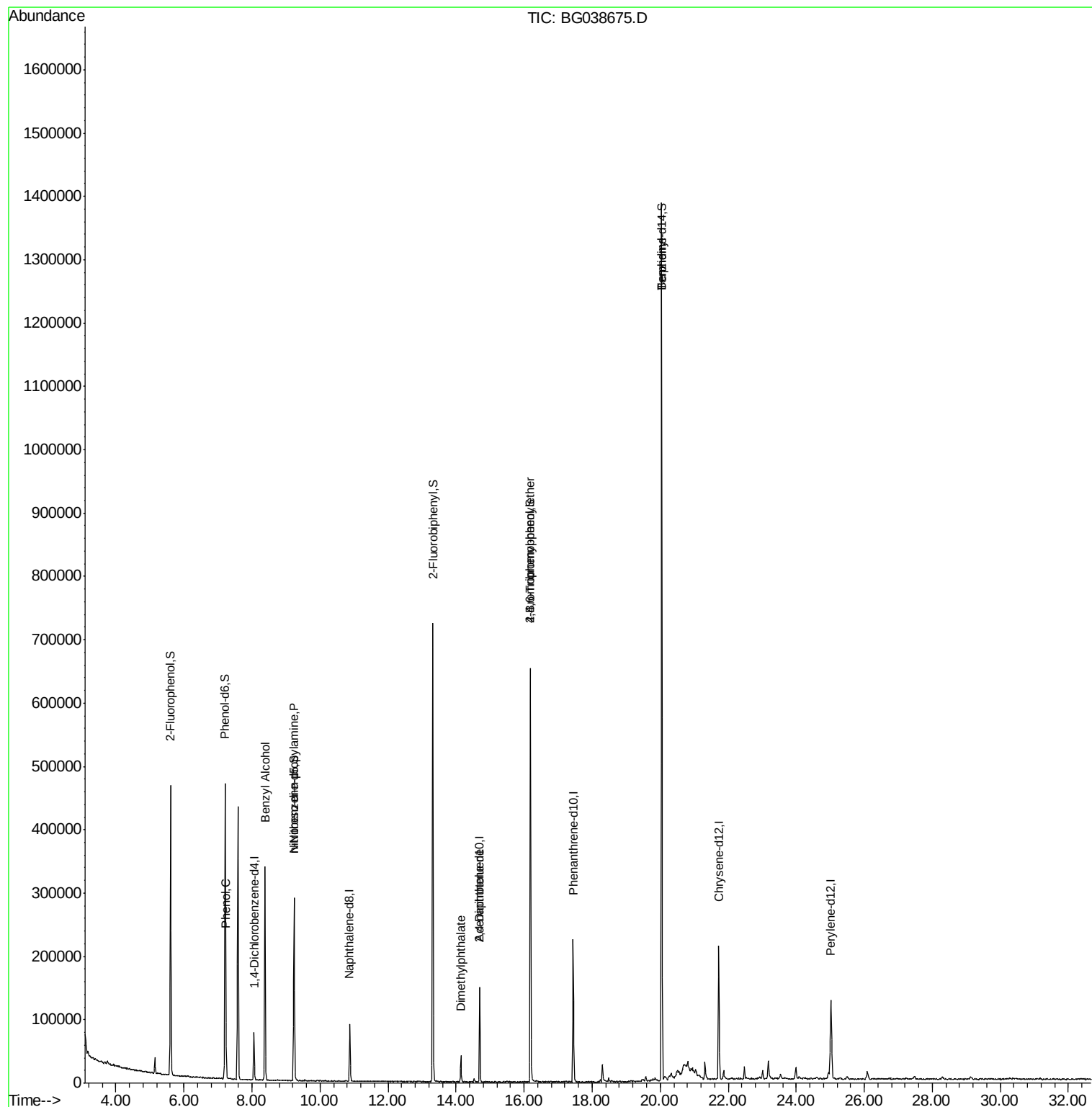
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	19838	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	80641	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	54310	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	141241	20.00	ng	0.00
76) Chrysene-d12	21.72	240	135289	20.00	ng	0.00
87) Perylene-d12	25.02	264	152722	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	185360	165.72	ng	0.00
7) Phenol-d6	7.21	99	252330	164.33	ng	0.00
23) Nitrobenzene-d5	9.23	82	168547	106.78	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	127165	169.90	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	377175	95.27	ng	0.00
79) Terphenyl-d14	20.04	244	650331	104.62	ng	0.00
Target Compounds						
10) Phenol	7.24	94	15039	9.219	ng	84
15) Benzyl Alcohol	8.38	79	3000	2.503	ng	# 53
19) n-Nitroso-di-n-propylamine	9.23	70	23456	21.750	ng	# 71
50) Dimethylphthalate	14.14	163	30337	6.840	ng	98
57) 2,4-Dinitrotoluene	14.69	165	7067	4.992	ng	# 21
67) 4-Bromophenyl-phenylether	16.19	248	8073	4.680	ng	# 1
77) Benzidine	20.04	184	12157	3.038	ng	# 93

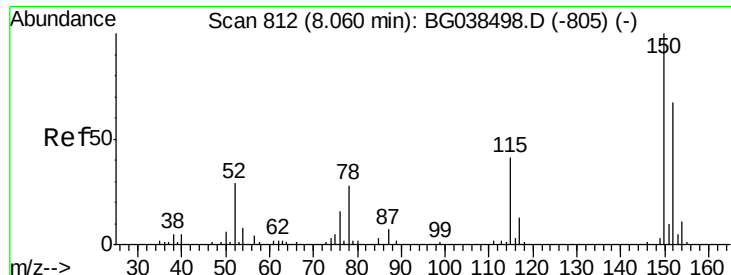
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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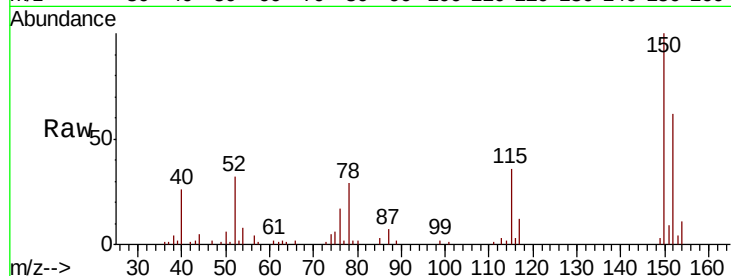




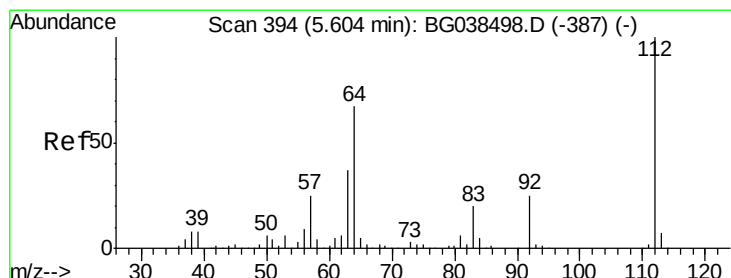
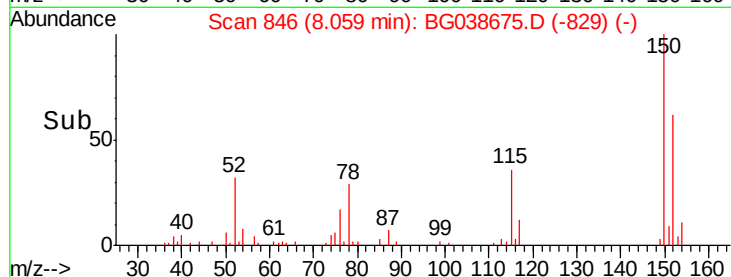
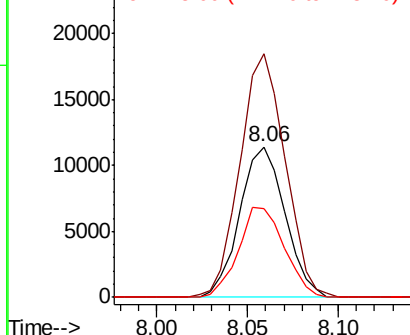
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG038675.D
 Acq: 17 Dec 2018 23:39

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS002-1824-01

Tgt Ion:152 Resp: 19838
 Ion Ratio Lower Upper
 152 100
 150 161.5 119.5 179.3
 115 58.6 49.6 74.4

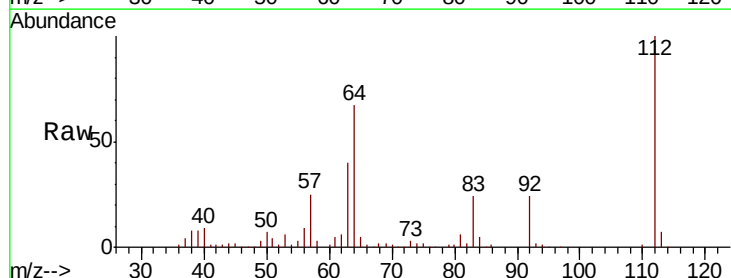


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

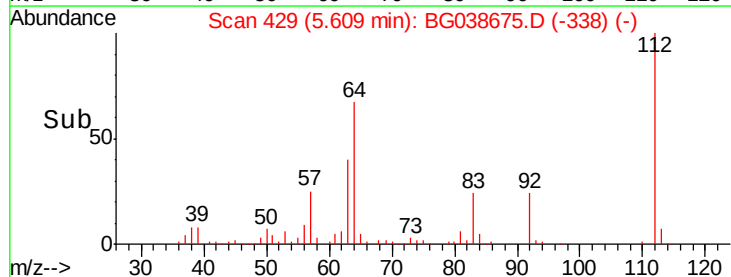
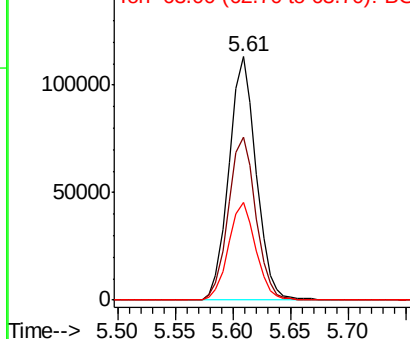


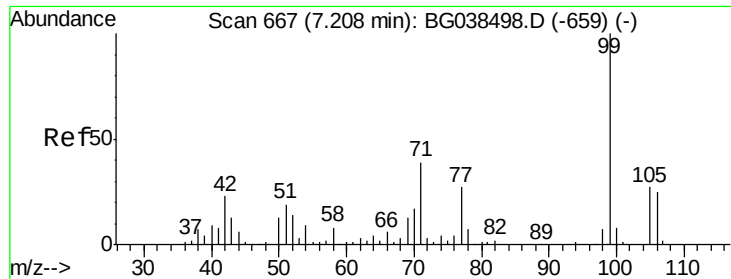
#5
 2-Fluorophenol
 Concen: 165.724 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038675.D
 Acq: 17 Dec 2018 23:39

Tgt Ion:112 Resp: 185360
 Ion Ratio Lower Upper
 112 100
 64 67.0 53.4 80.2
 63 40.1 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: 164.335 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.00 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

Instrument :

BNA_G

ClientSampleId :

P001-SS002-1824-01

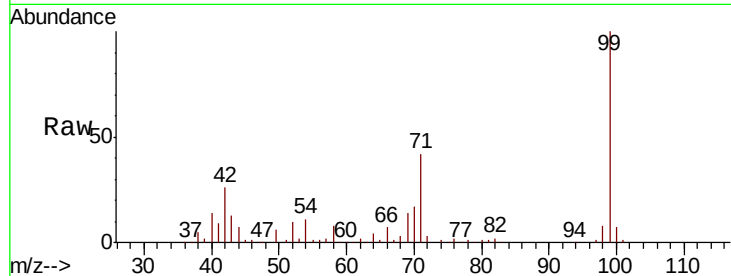
Tgt Ion: 99 Resp: 252330

Ion Ratio Lower Upper

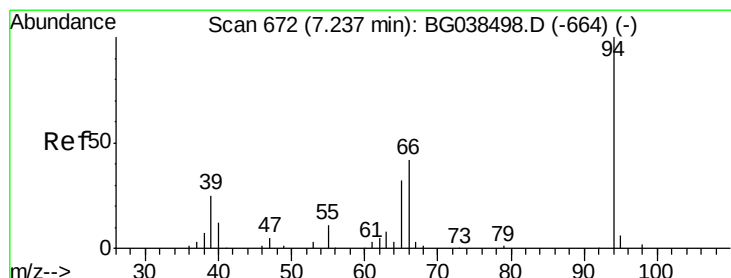
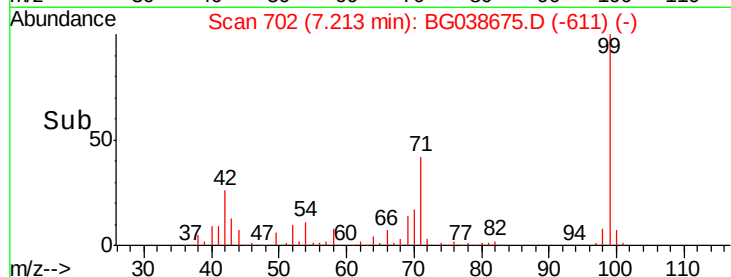
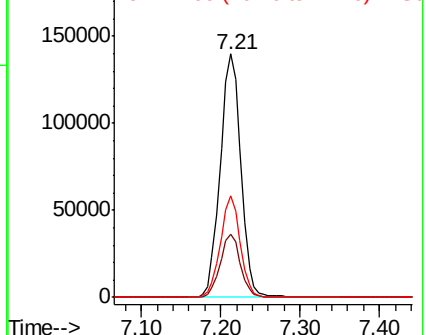
99 100

42 25.7 18.5 27.7

71 41.6 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: 9.219 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

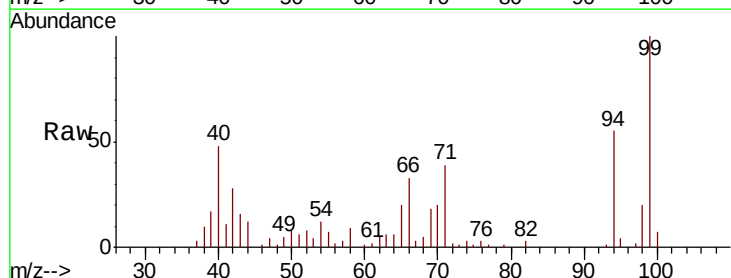
Tgt Ion: 94 Resp: 15039

Ion Ratio Lower Upper

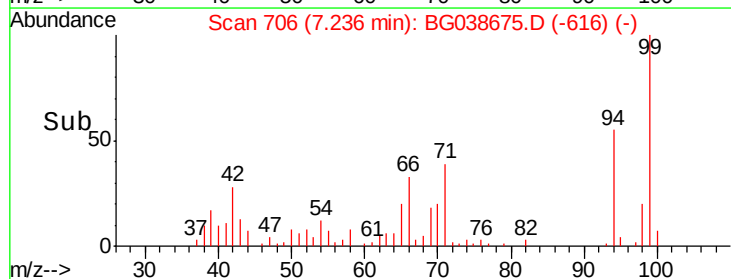
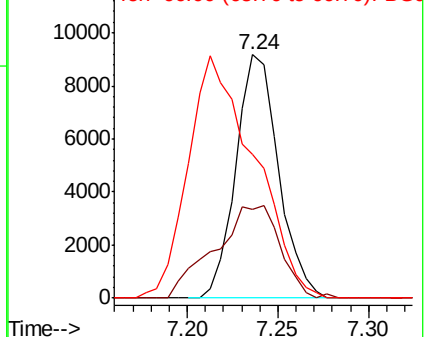
94 100

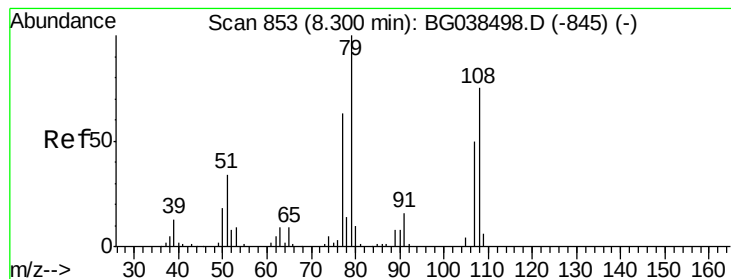
65 36.3 12.6 52.6

66 59.3 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





#15

Benzyl Alcohol

Concen: 2.503 ng

RT: 8.38 min Scan# 900

Delta R.T. 0.08 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

Instrument :

BNA_G

ClientSampleId :

P001-SS002-1824-01

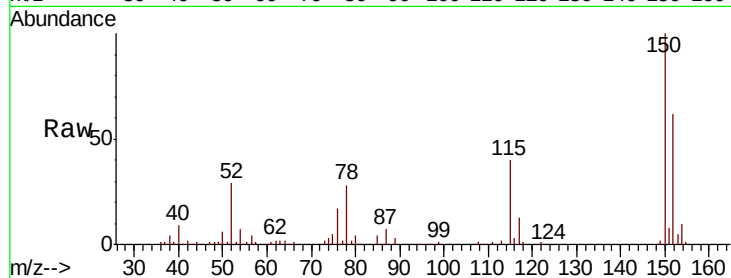
Tgt Ion: 79 Resp: 3000

Ion Ratio Lower Upper

79 100

108 25.4 60.2 90.4#

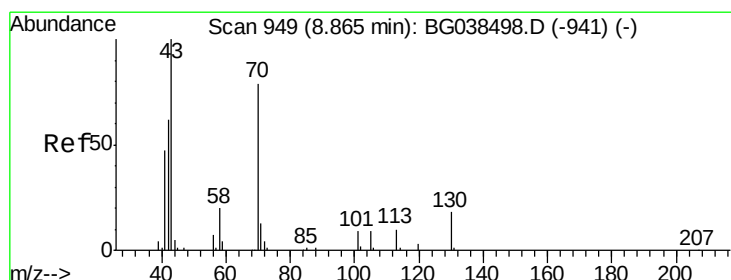
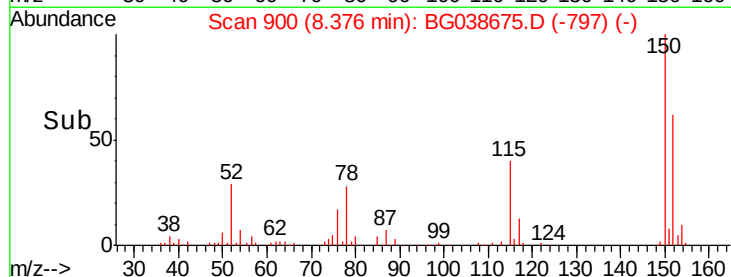
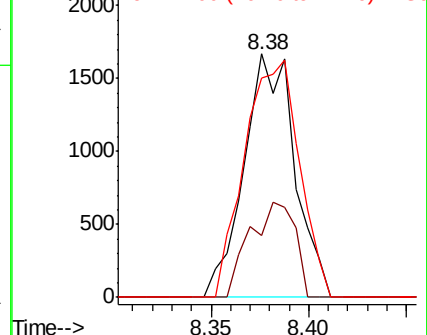
77 89.9 50.7 76.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 21.750 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.37 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

Tgt Ion: 70 Resp: 23456

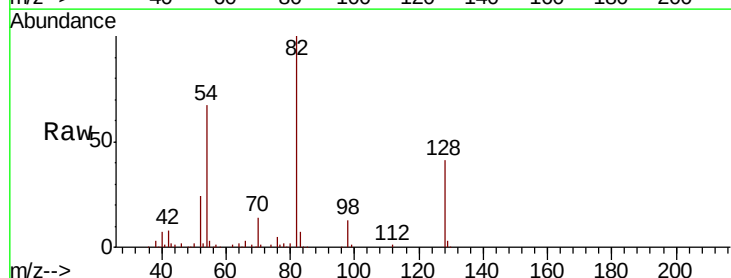
Ion Ratio Lower Upper

70 100

42 58.8 63.6 95.4#

101 0.0 9.2 13.8#

130 1.3 18.5 27.7#

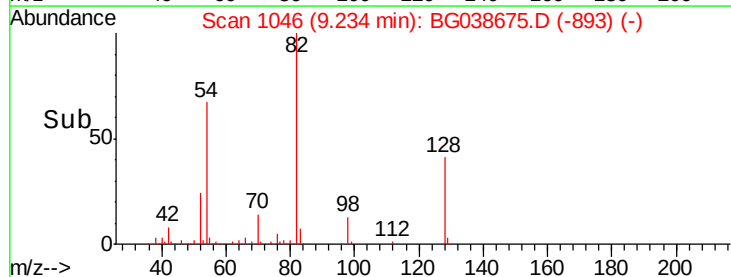
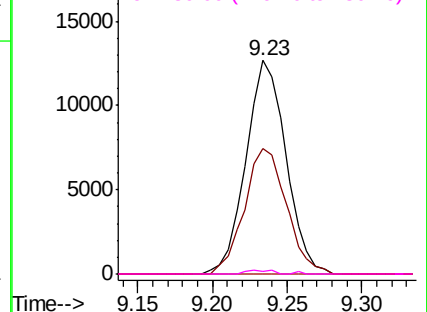


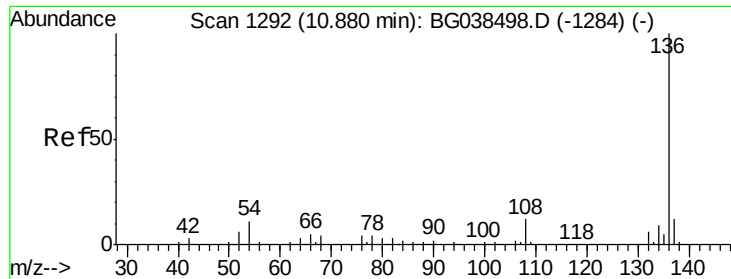
Abundance Ion 70.00 (69.70 to 70.70): BGC

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

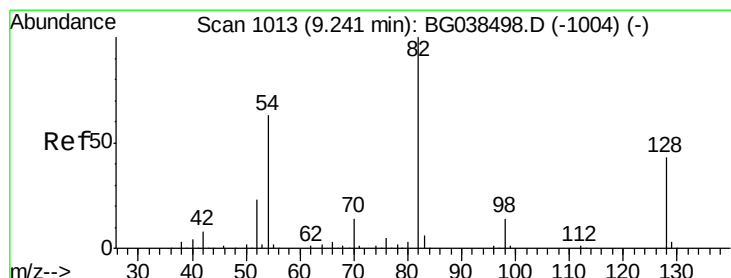
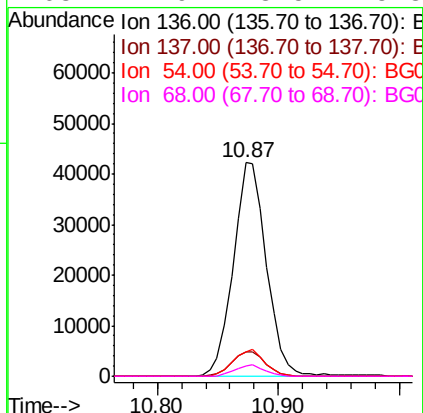
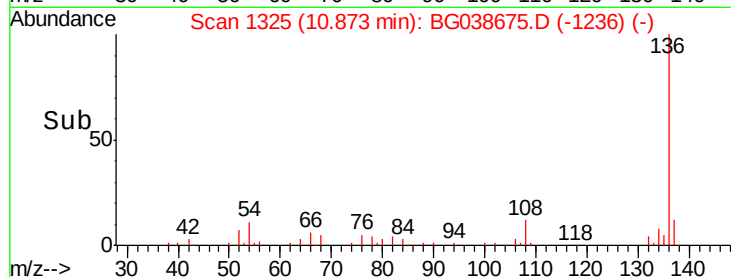
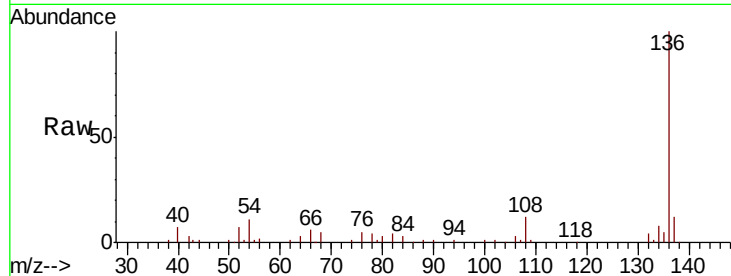




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038675.D
Acq: 17 Dec 2018 23:39

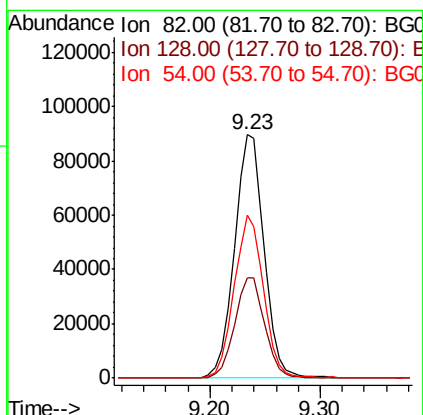
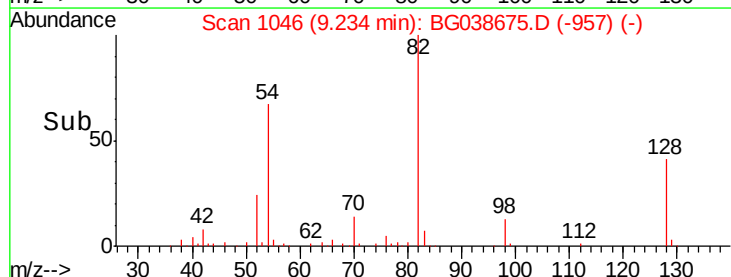
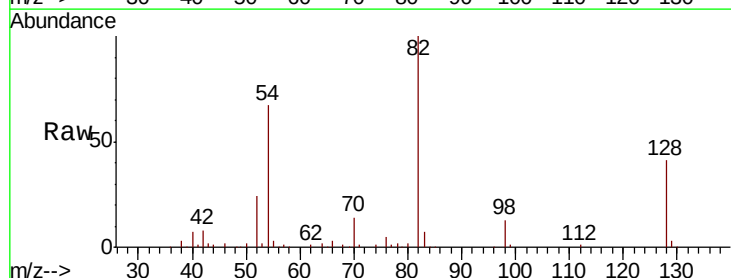
Instrument :
BNA_G
ClientSampleId :
P001-SS002-1824-01

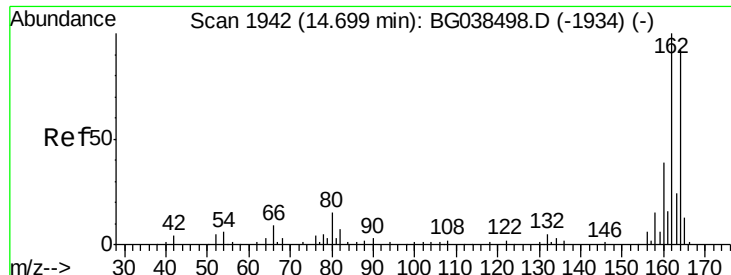
Tgt Ion:	136	Resp:	80641
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	11.5	8.5	12.7
68	4.9	3.5	5.3



#23
Nitrobenzene-d5
Concen: 106.777 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038675.D
Acq: 17 Dec 2018 23:39

Tgt Ion:	82	Resp:	168547
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	67.0	50.6	76.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

Instrument :

BNA_G

ClientSampleId :

P001-SS002-1824-01

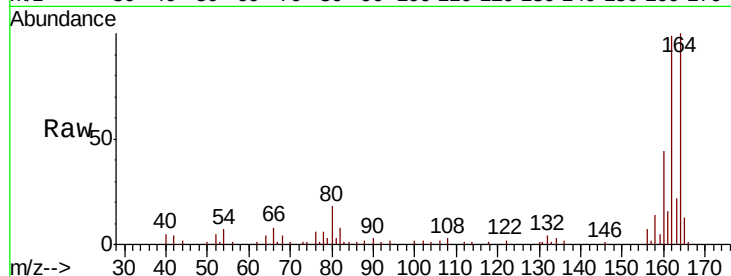
Tgt Ion:164 Resp: 54310

Ion Ratio Lower Upper

164 100

162 99.5 86.6 130.0

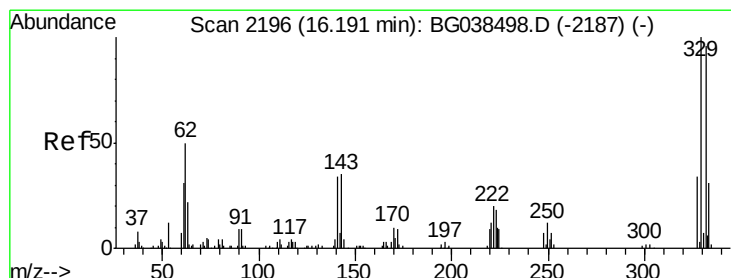
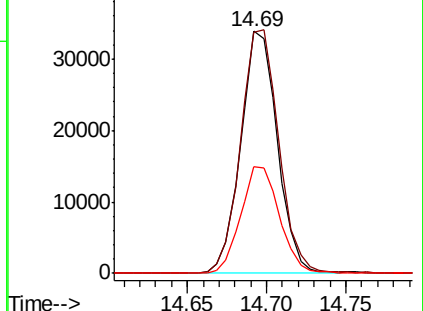
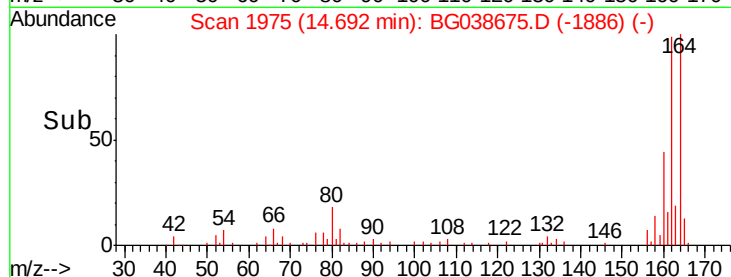
160 43.9 34.2 51.2



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



#42

2,4,6-Tribromophenol

Concen: 169.895 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

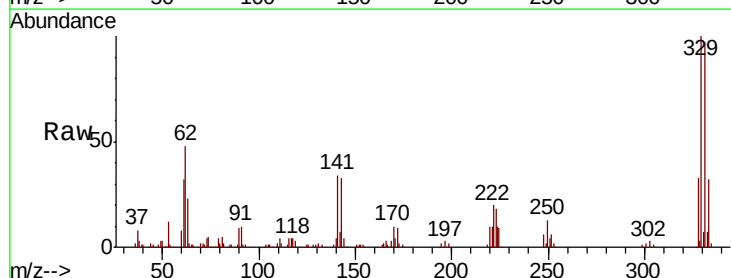
Tgt Ion:330 Resp: 127165

Ion Ratio Lower Upper

330 100

332 96.4 76.9 115.3

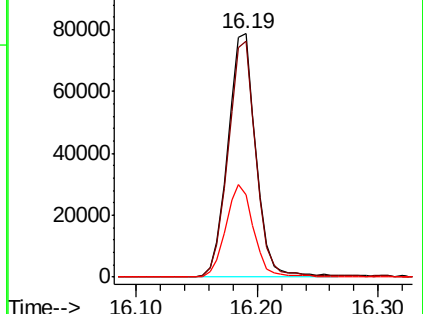
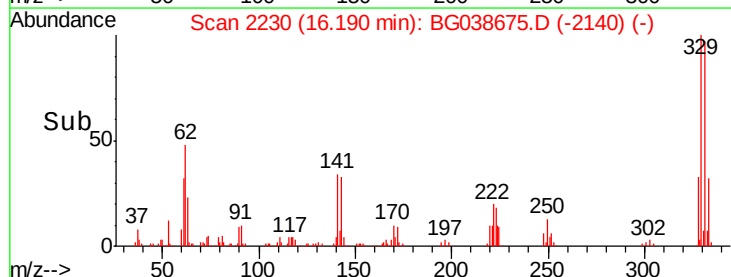
141 37.5 28.8 43.2

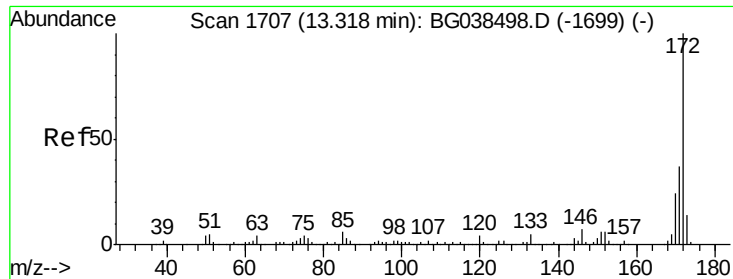


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

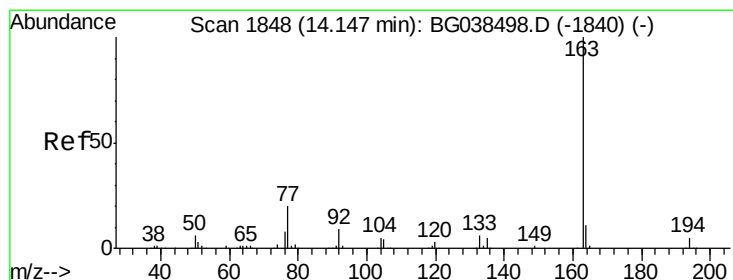
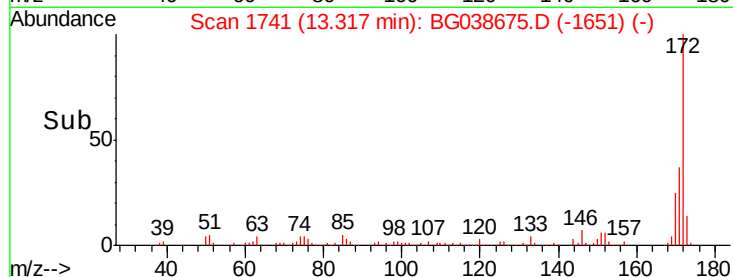
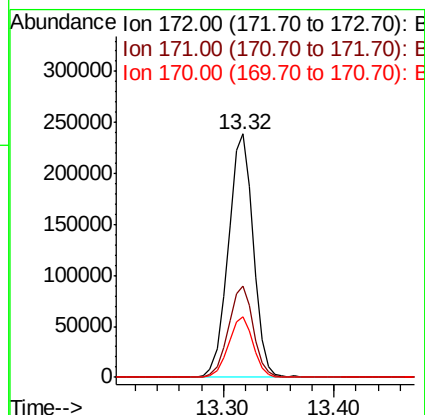
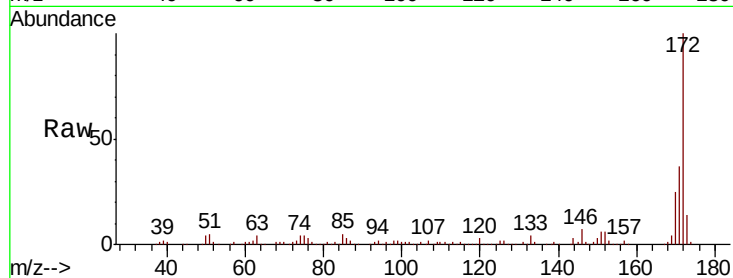




#45
 2-Fluorobiphenyl
 Concen: 95.273 ng
 RT: 13.32 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG038675.D
 Acq: 17 Dec 2018 23:39

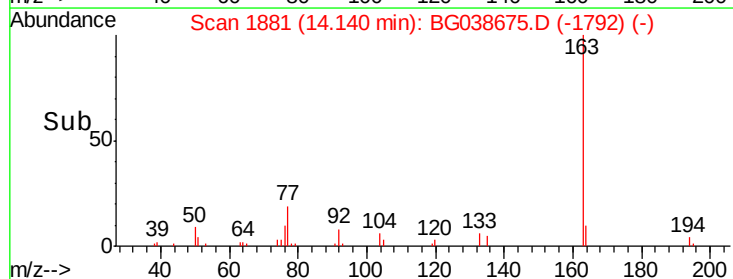
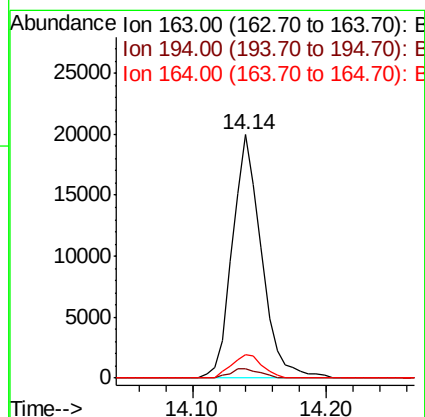
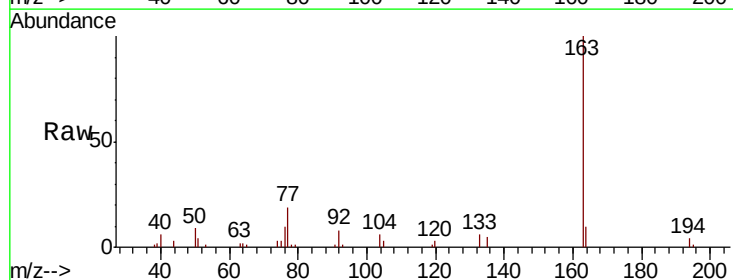
Instrument :
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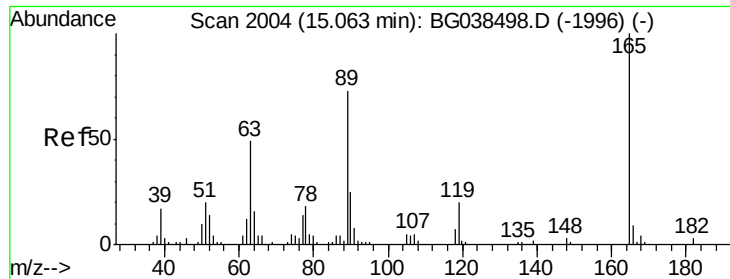
Tgt Ion:172 Resp: 377175
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 24.7 19.5 29.3



#50
 Dimethylphthalate
 Concen: 6.840 ng
 RT: 14.14 min Scan# 1881
 Delta R.T. -0.01 min
 Lab File: BG038675.D
 Acq: 17 Dec 2018 23:39

Tgt Ion:163 Resp: 30337
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.7 5.5
 164 9.9 8.6 12.8

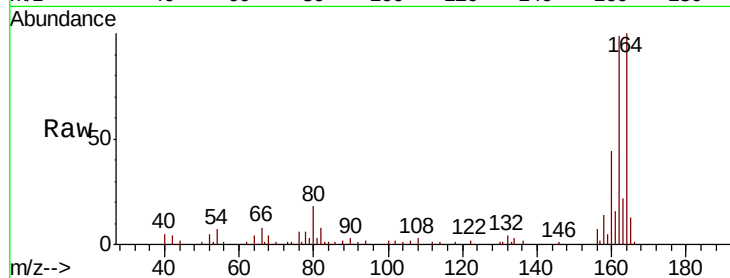




#57
2,4-Dinitrotoluene
Concen: 4.992 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.37 min
Lab File: BG038675.D
Acq: 17 Dec 2018 23:39

Instrument :
BNA_G
ClientSampleId :
P001-SS002-1824-01

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#

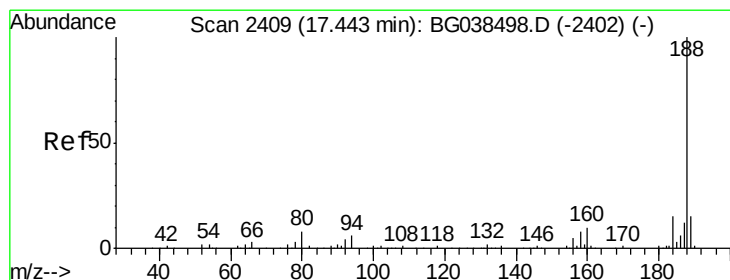
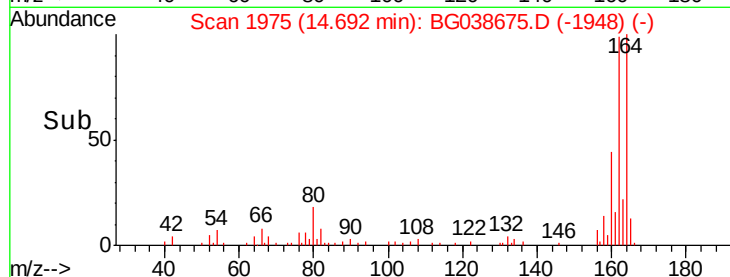
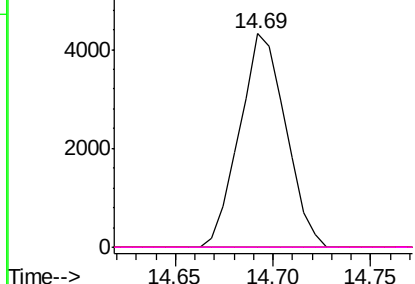


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

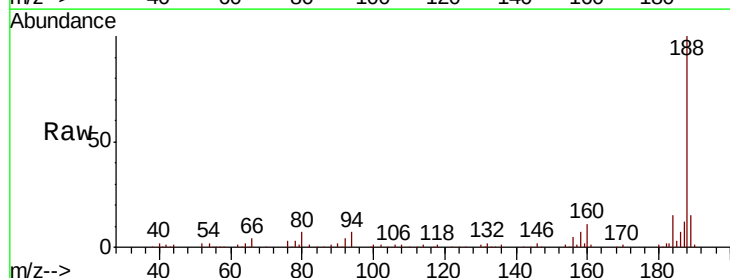
Ion 89.00 (88.70 to 89.70): BGC

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: BG038675.D
Acq: 17 Dec 2018 23:39

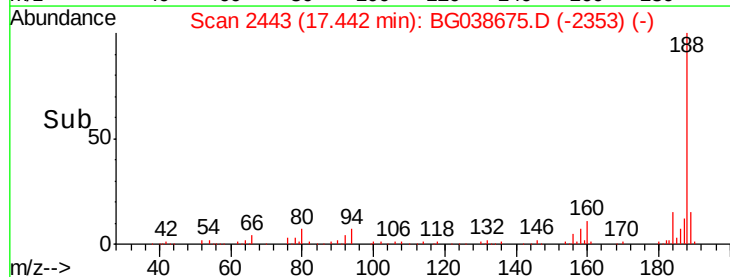
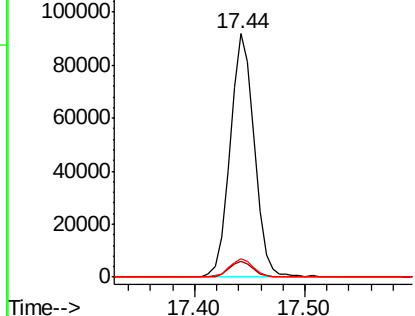
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.1	7.7
80	7.5	6.1	9.1

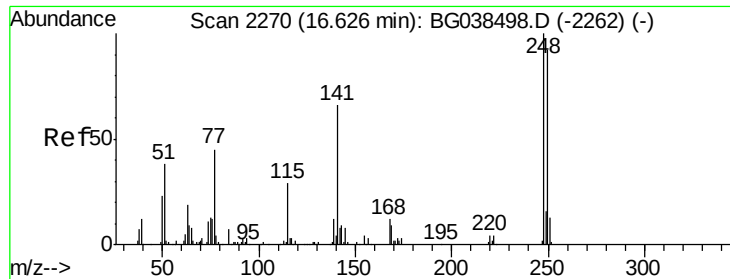


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

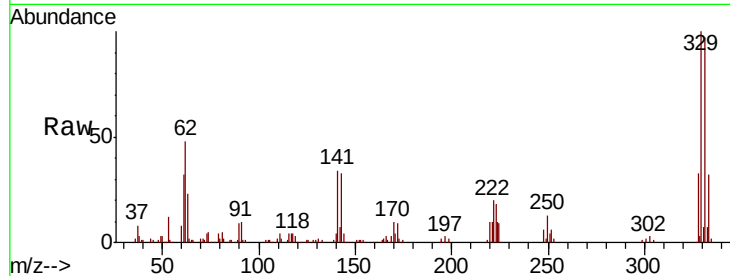




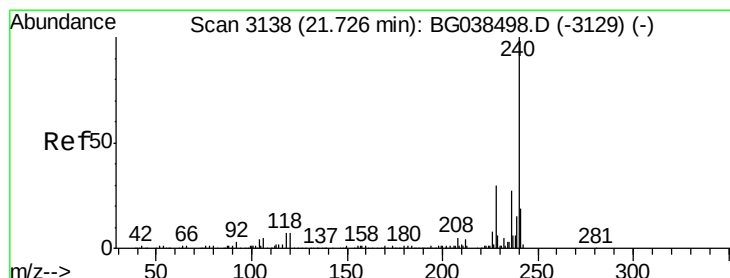
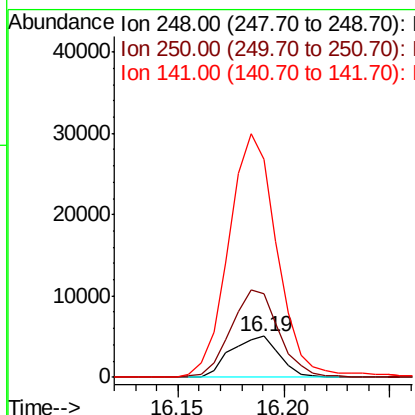
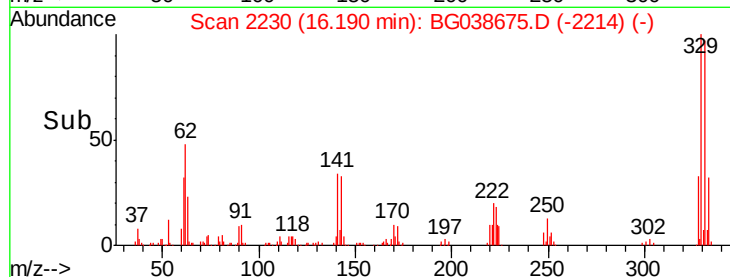
#67
 4-Bromophenyl-phenylether
 Concen: 4.680 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG038675.D
 Acq: 17 Dec 2018 23:39

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS002-1824-01

Tgt Ion:248 Resp: 8073
 Ion Ratio Lower Upper
 248 100
 250 197.4 73.4 110.2#
 141 402.0 52.9 79.3#

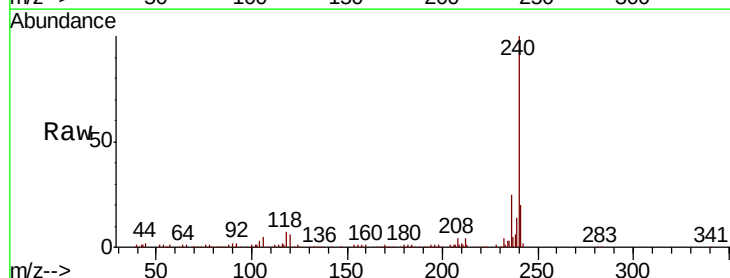


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

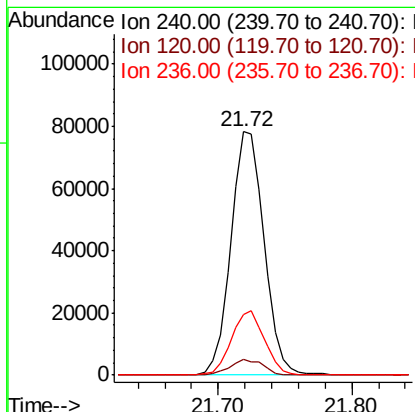
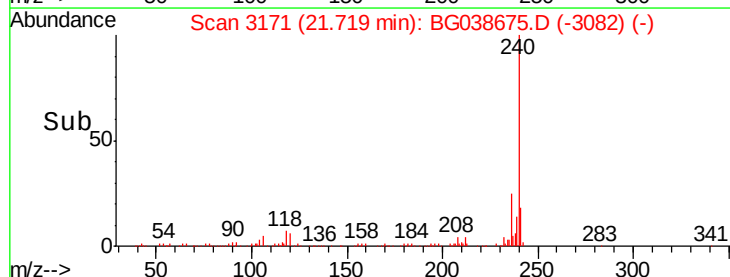


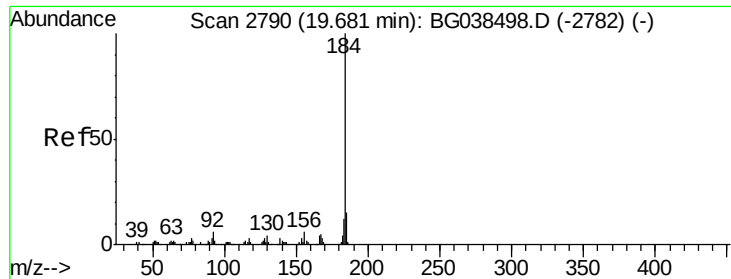
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038675.D
 Acq: 17 Dec 2018 23:39

Tgt Ion:240 Resp: 135289
 Ion Ratio Lower Upper
 240 100
 120 6.2 5.3 7.9
 236 25.1 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: 3.038 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

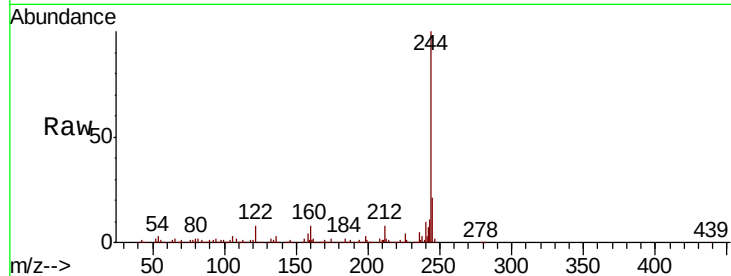
Instrument :

BNA_G

ClientSampleId :

P001-SS002-1824-01

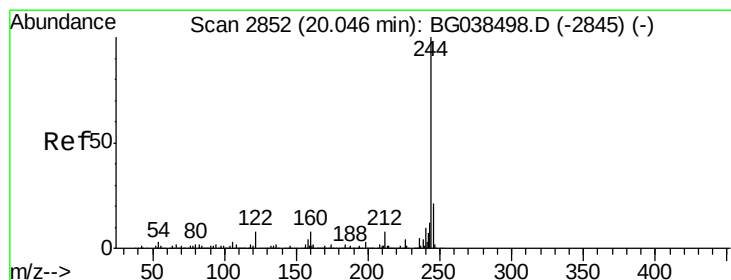
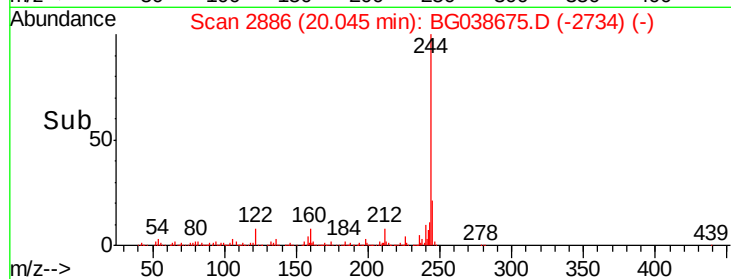
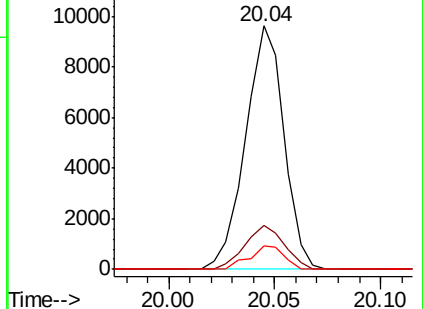
Tgt Ion:184	Resp:	12157
Ion Ratio	Lower	Upper
184	100	
185	18.2	12.2 18.2
183	9.4	9.6 14.4#



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: 104.616 ng

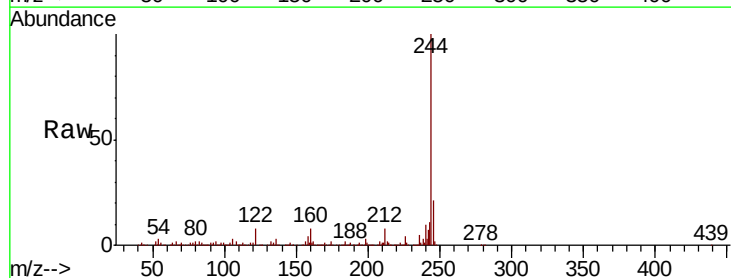
RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038675.D

Acq: 17 Dec 2018 23:39

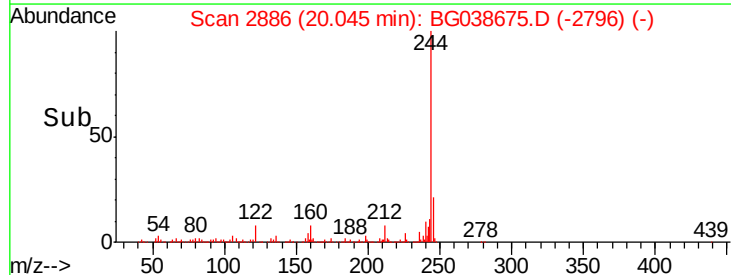
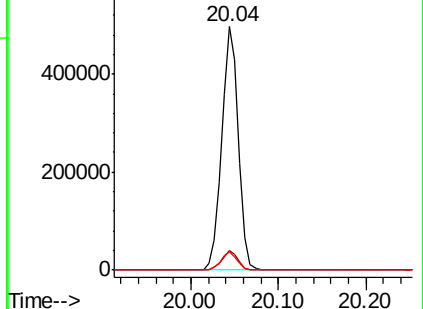
Tgt Ion:244	Resp:	650331
Ion Ratio	Lower	Upper
244	100	
212	7.9	6.2 9.2
122	7.6	6.3 9.5

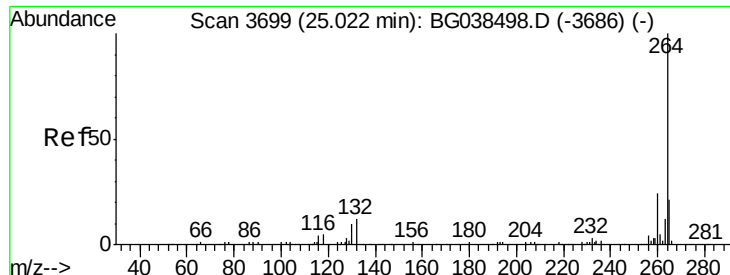


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038675.D

Acq: 17 Dec 2018 23:39

Instrument :

BNA_G

ClientSampleId :

P001-SS002-1824-01

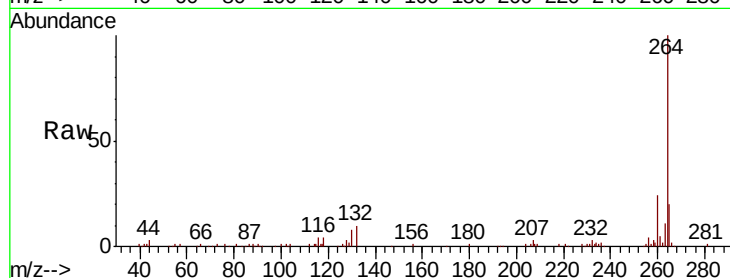
Tgt Ion: 264 Resp: 152722

Ion Ratio Lower Upper

264 100

260 23.8 18.9 28.3

265 20.5 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

