

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
 Data File : BG038793.D
 Acq On : 21 Dec 2018 19:27
 Operator : JU/SJ
 Sample : J6446-17
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS022-1824-01

Quant Time: Dec 22 01:13:35 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

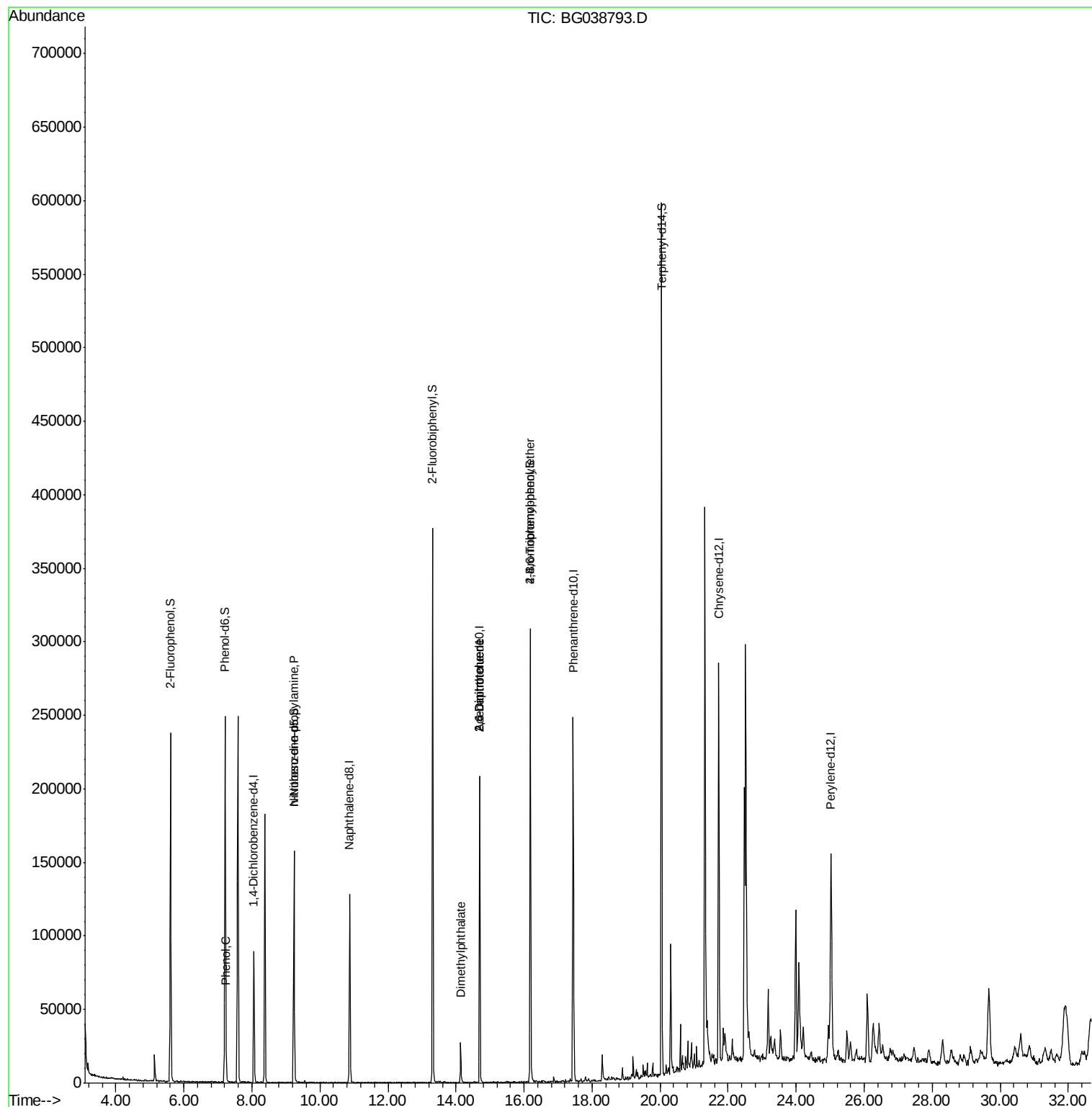
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	27179	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	111894	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	75156	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	172646	20.00	ng	0.00
76) Chrysene-d12	21.72	240	167237	20.00	ng	0.00
87) Perylene-d12	25.02	264	176495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	104921	68.47	ng	0.00
7) Phenol-d6	7.22	99	147167	69.96	ng	0.00
23) Nitrobenzene-d5	9.24	82	97131	44.35	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	69741	67.33	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	209621	38.26	ng	0.00
79) Terphenyl-d14	20.04	244	316661	41.21	ng	0.00
Target Compounds						
10) Phenol	7.24	94	6690	2.993	ng	95
19) n-Nitroso-di-n-propylamine	9.23	70	12917	8.743	ng	# 69
50) Dimethylphthalate	14.14	163	22011	3.586	ng	# 96
51) 2,6-Dinitrotoluene	14.69	165	9601	6.903	ng	# 23
57) 2,4-Dinitrotoluene	14.69	165	9601	4.901	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	4686	2.222	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG122118\
Data File : BG038793.D
Acq On : 21 Dec 2018 19:27
Operator : JU/SJ
Sample : J6446-17
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
P001-SS022-1824-01

Quant Time: Dec 22 01:13:35 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

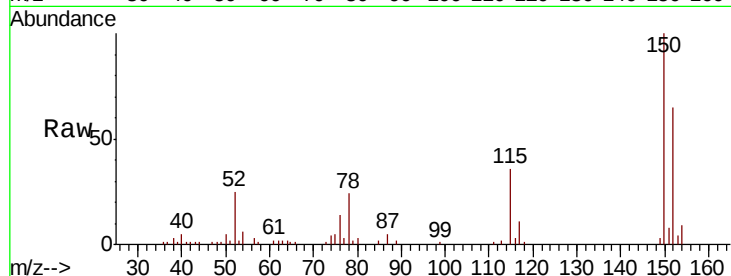




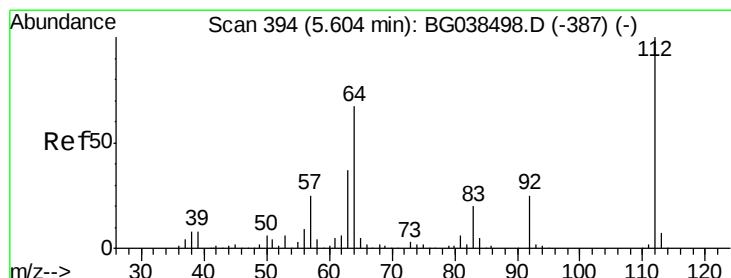
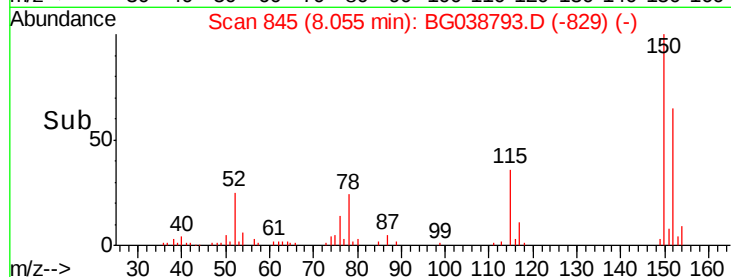
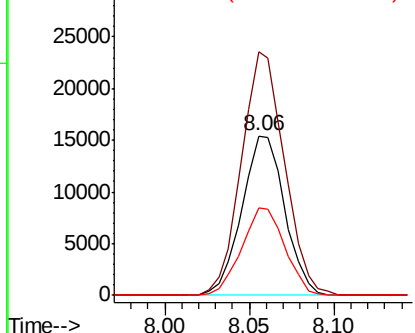
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.06 min Scan# 845
 Delta R.T. -0.00 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

Instrument :
 BNA_G
 ClientSampleId :
 P001-SS022-1824-01

Tgt Ion:152 Resp: 27179
 Ion Ratio Lower Upper
 152 100
 150 152.8 119.5 179.3
 115 55.2 49.6 74.4

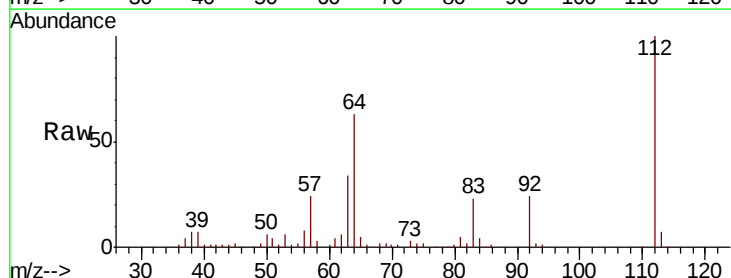


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

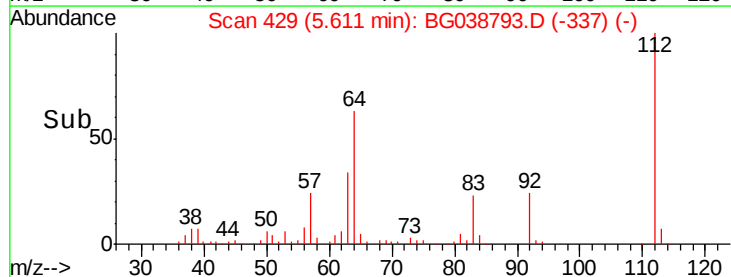
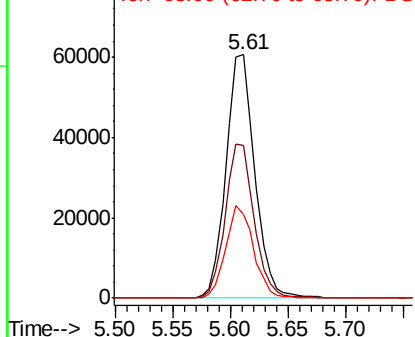


#5
 2-Fluorophenol
 Concen: 68.470 ng
 RT: 5.61 min Scan# 429
 Delta R.T. 0.01 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

Tgt Ion:112 Resp: 104921
 Ion Ratio Lower Upper
 112 100
 64 62.8 53.4 80.2
 63 34.1 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: 69.958 ng

RT: 7.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

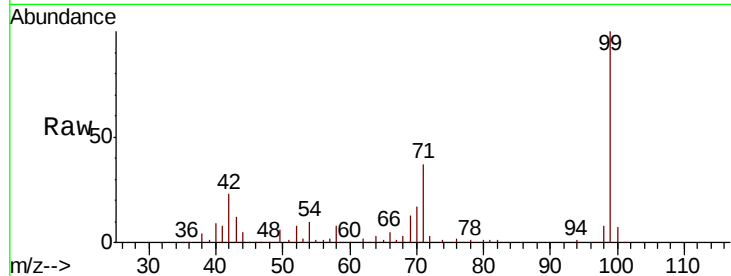
Tgt Ion: 99 Resp: 147167

Ion Ratio Lower Upper

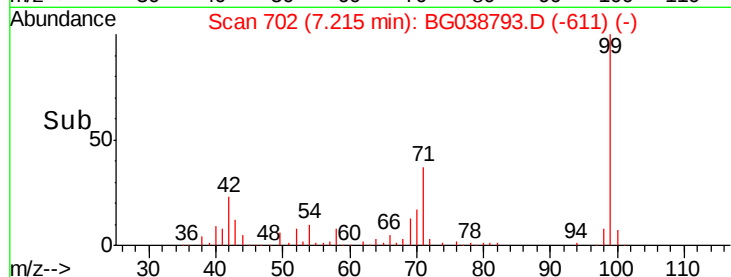
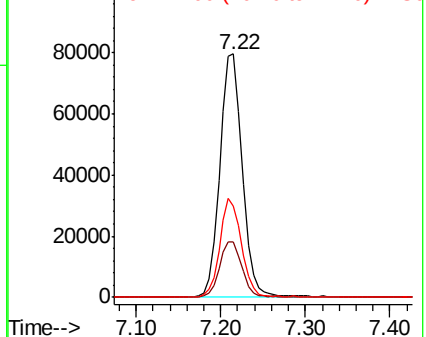
99 100

42 22.9 18.5 27.7

71 37.2 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: 2.993 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

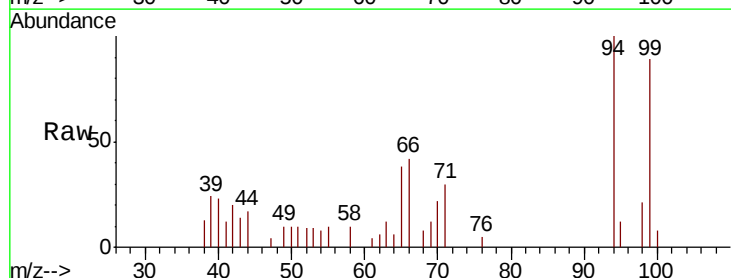
Tgt Ion: 94 Resp: 6690

Ion Ratio Lower Upper

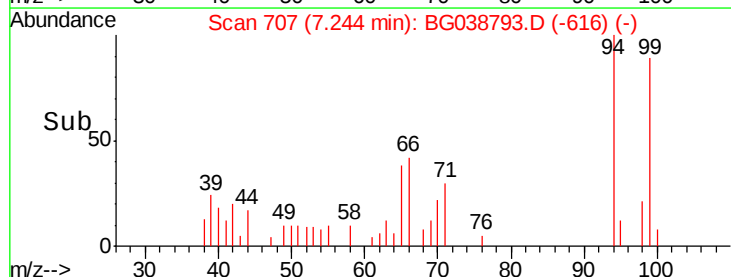
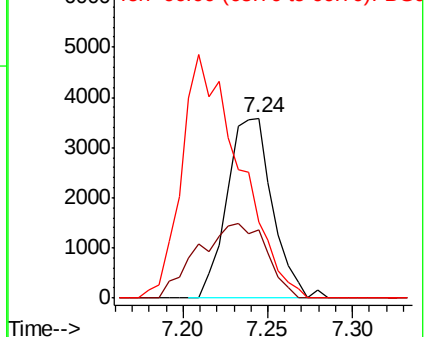
94 100

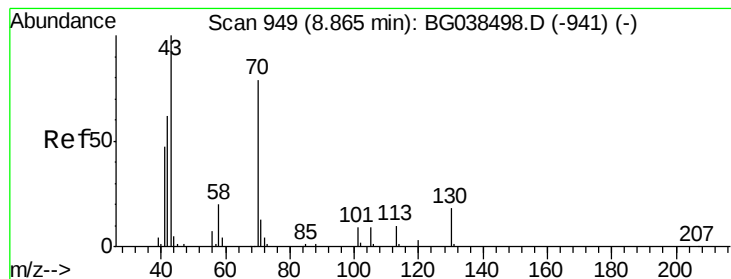
65 37.6 12.6 52.6

66 42.3 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





#19

n-Nitroso-di-n-propylamine

Concen: 8.743 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.37 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

Tgt Ion: 70 Resp: 12917

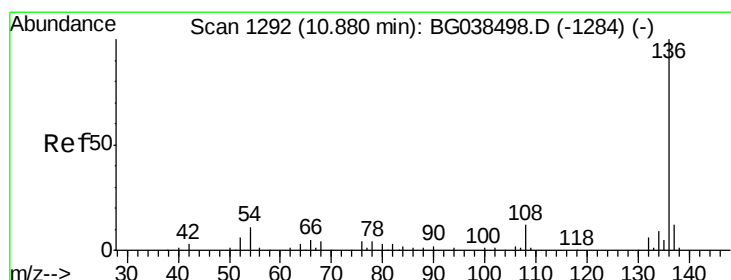
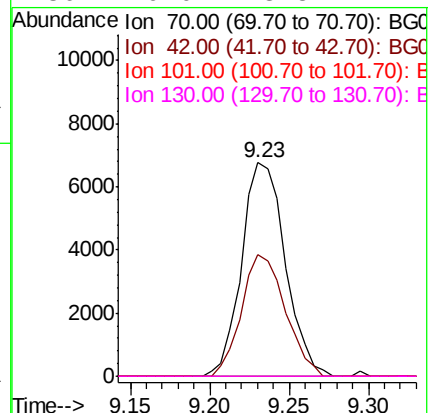
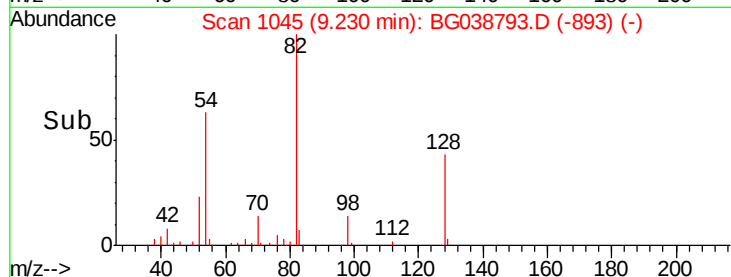
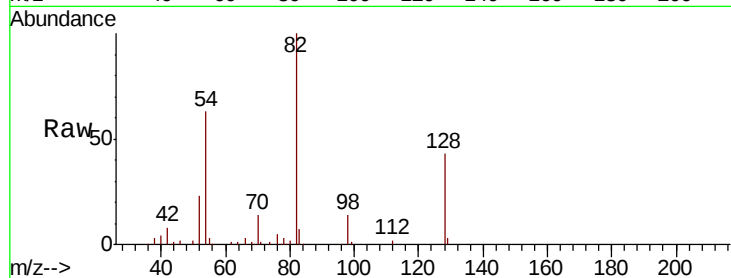
Ion Ratio Lower Upper

70 100

42 56.9 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: BG038793.D

Acq: 21 Dec 2018 19:27

Tgt Ion: 136 Resp: 111894

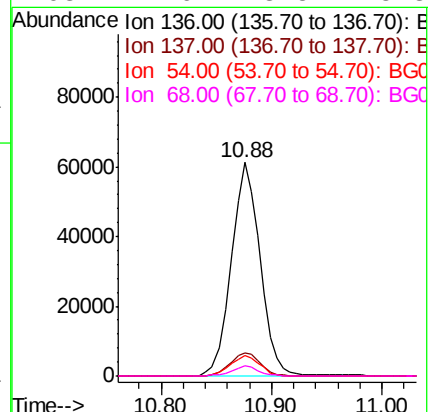
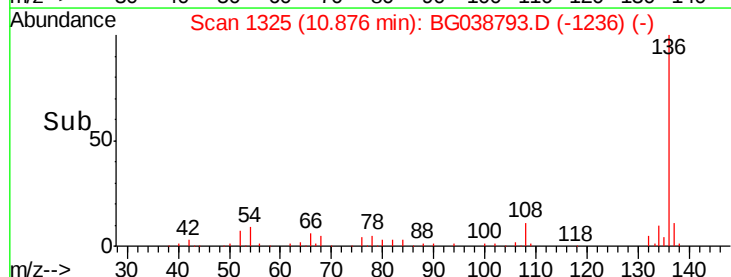
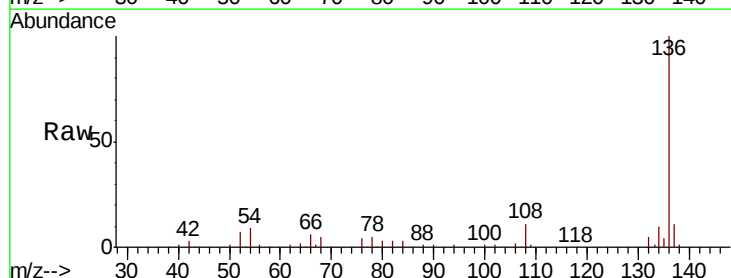
Ion Ratio Lower Upper

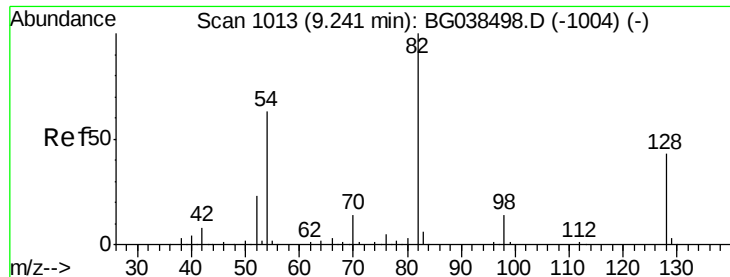
136 100

137 10.7 9.3 13.9

54 9.3 8.5 12.7

68 4.6 3.5 5.3

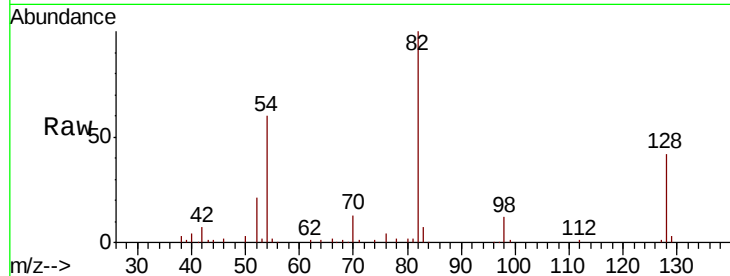




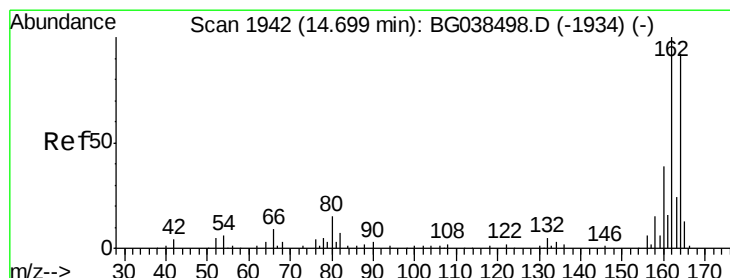
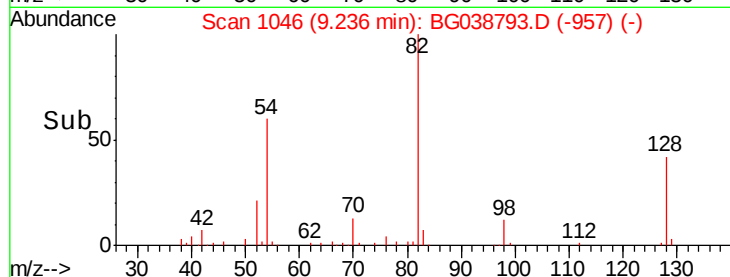
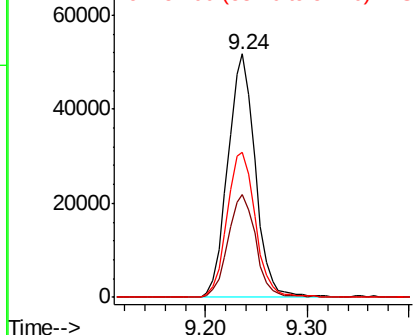
#23
Nitrobenzene-d5
Concen: 44.347 ng
RT: 9.24 min Scan# 1046
Delta R.T. -0.00 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_G
ClientSampleId :
P001-SS022-1824-01

Tgt Ion: 82 Resp: 97131
Ion Ratio Lower Upper
82 100
128 42.2 34.6 52.0
54 59.6 50.6 76.0

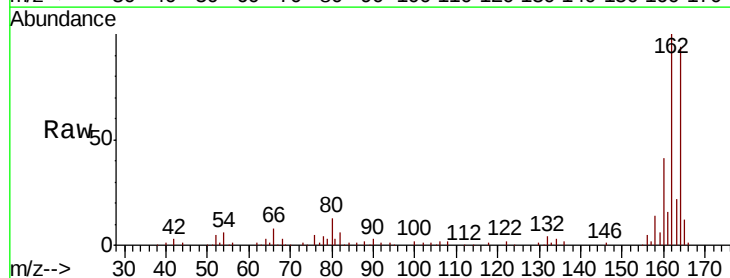


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

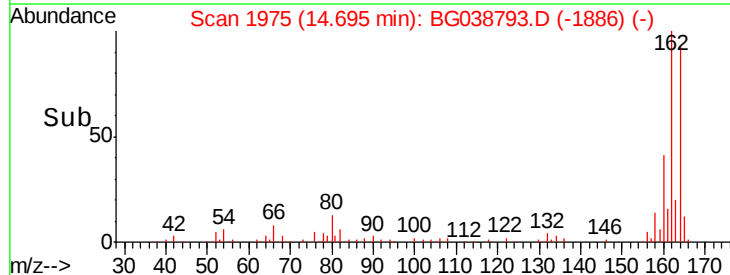
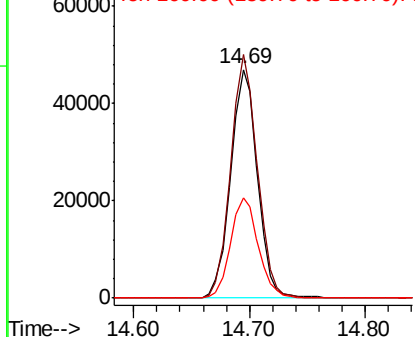


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.00 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Tgt Ion: 164 Resp: 75156
Ion Ratio Lower Upper
164 100
162 106.6 86.6 130.0
160 44.0 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: 67.332 ng

RT: 16.19 min Scan# 2229

Delta R.T. -0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

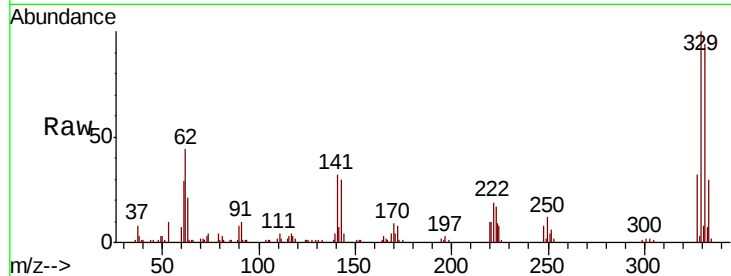
Tgt Ion:330 Resp: 69741

Ion Ratio Lower Upper

330 100

332 93.6 76.9 115.3

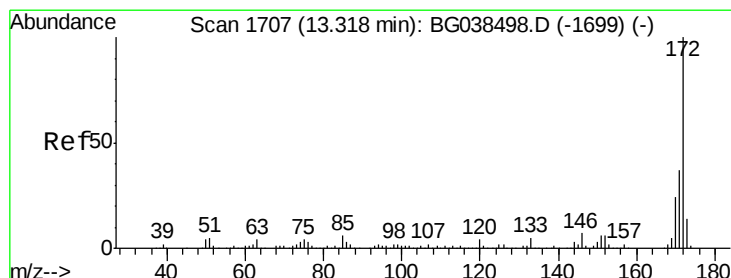
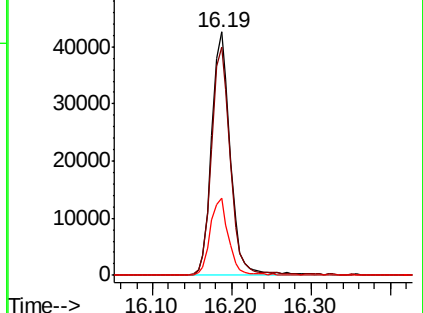
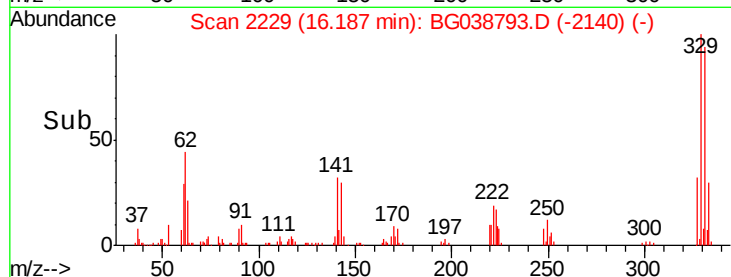
141 31.0 28.8 43.2



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: 38.263 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

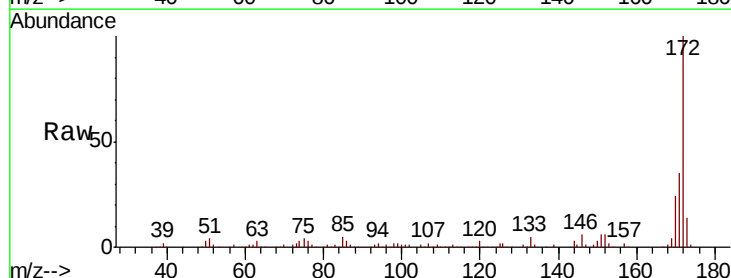
Tgt Ion:172 Resp: 209621

Ion Ratio Lower Upper

172 100

171 34.8 29.8 44.6

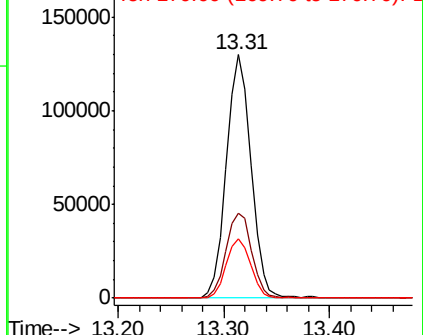
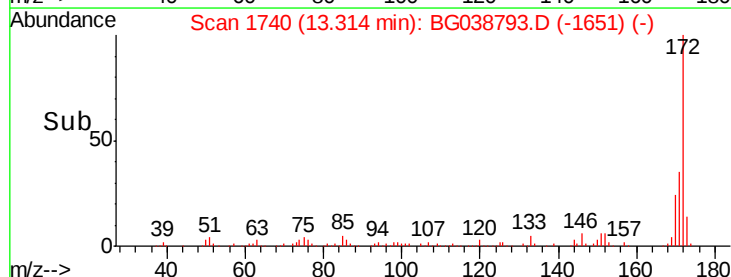
170 24.2 19.5 29.3



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: 3.586 ng

RT: 14.14 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

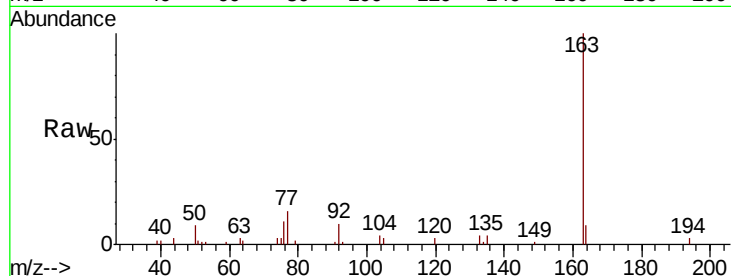
Tgt Ion:163 Resp: 22011

Ion Ratio Lower Upper

163 100

194 2.6 3.7 5.5#

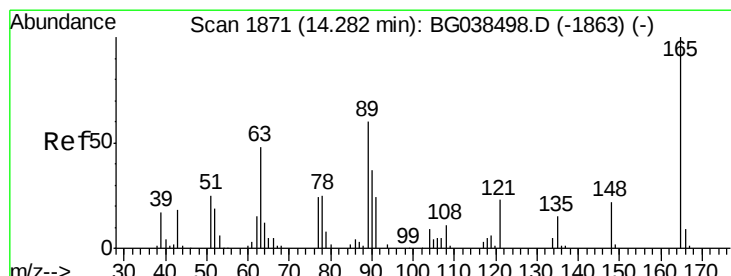
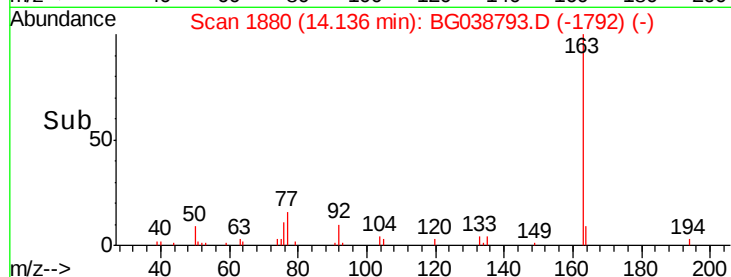
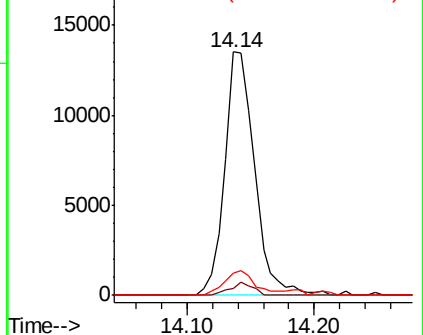
164 9.3 8.6 12.8



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



#51

2,6-Dinitrotoluene

Concen: 6.903 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

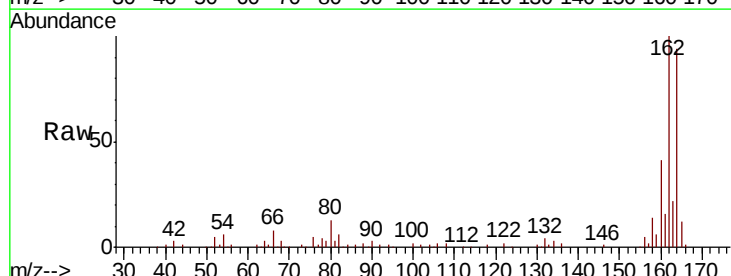
Tgt Ion:165 Resp: 9601

Ion Ratio Lower Upper

165 100

63 2.6 51.8 77.6#

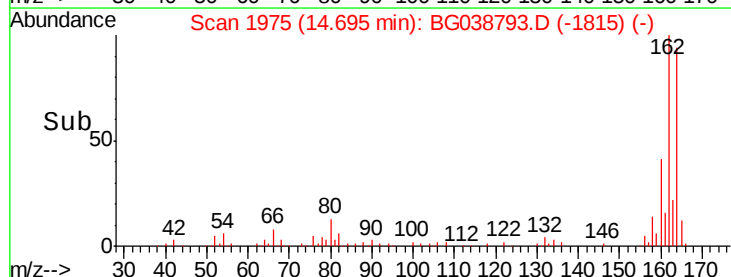
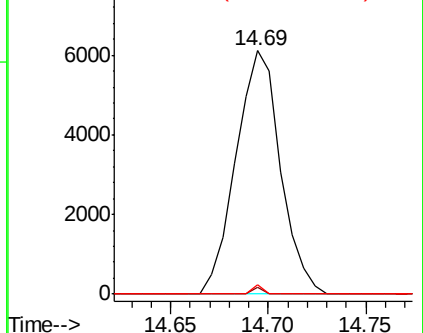
89 3.9 47.9 71.9#

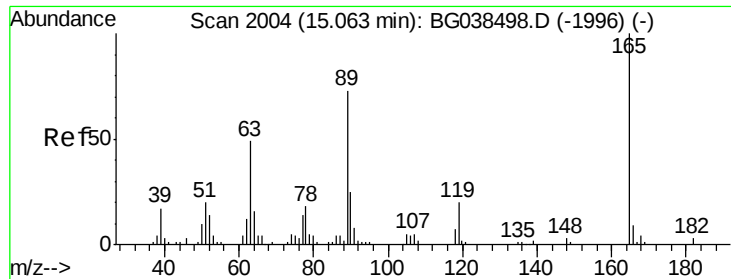


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

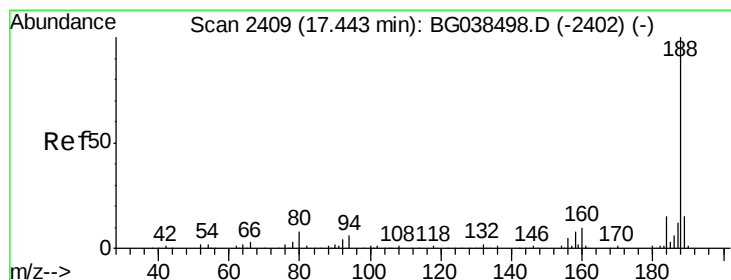
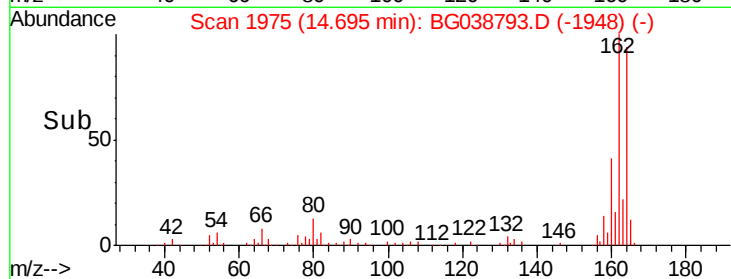
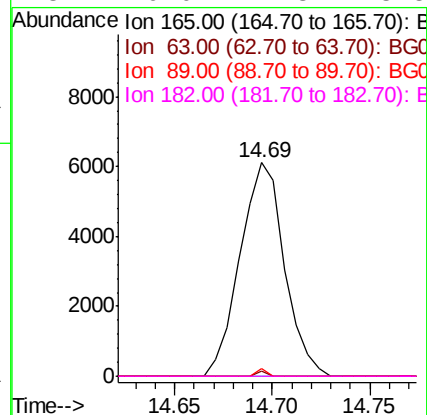
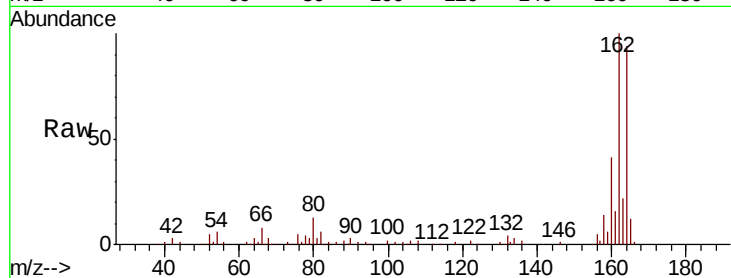




#57
 2,4-Dinitrotoluene
 Concen: 4.901 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

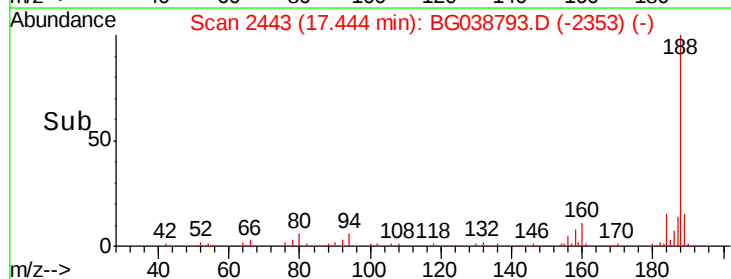
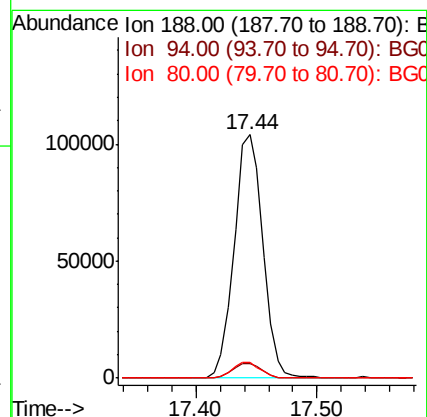
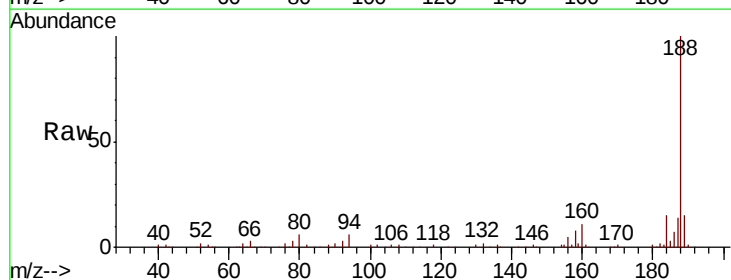
Instrument :
 BNA_G
 ClientSampleId :
 P001-SS022-1824-01

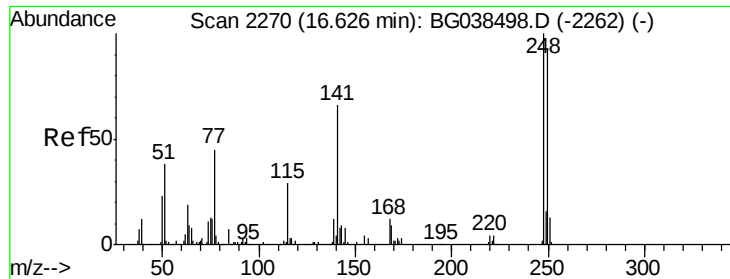
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	39.0	58.4#
89	3.9	58.0	87.0#
182	0.0	2.3	3.5#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BG038793.D
 Acq: 21 Dec 2018 19:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	5.1	7.7
80	6.4	6.1	9.1

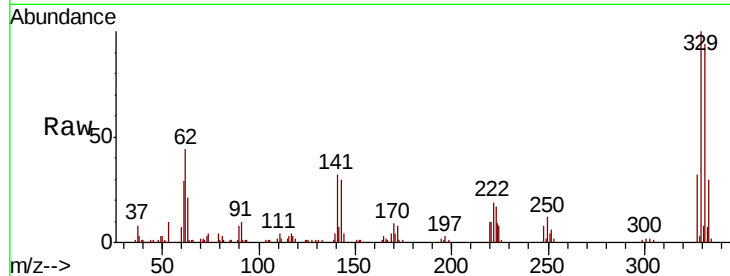




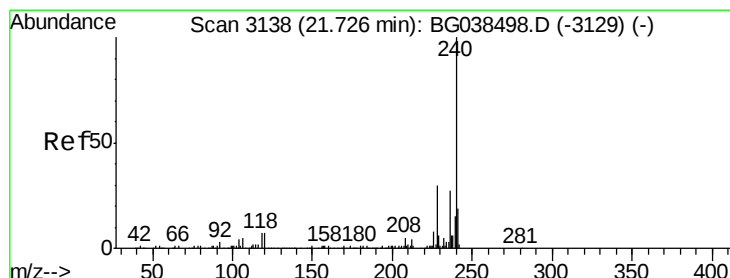
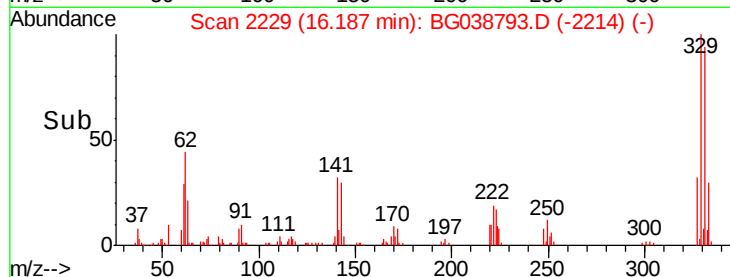
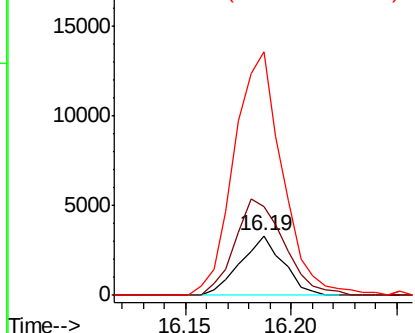
#67
4-Bromophenyl-phenylether
Concen: 2.222 ng
RT: 16.19 min Scan# 2229
Delta R.T. -0.44 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Instrument :
BNA_G
ClientSampleId :
P001-SS022-1824-01

Tgt Ion:248 Resp: 4686
Ion Ratio Lower Upper
248 100
250 150.3 73.4 110.2#
141 312.7 52.9 79.3#

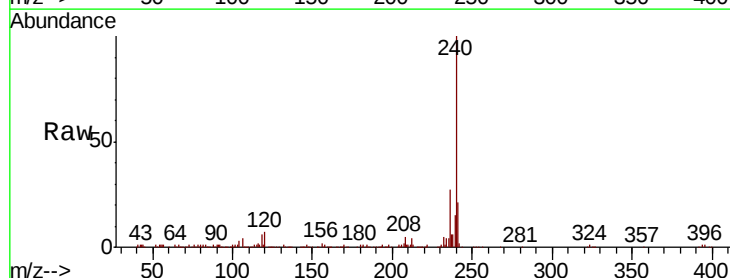


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

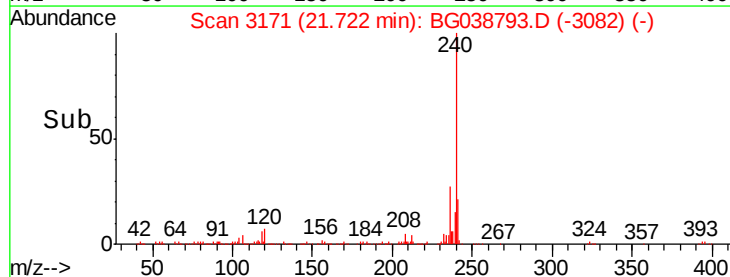
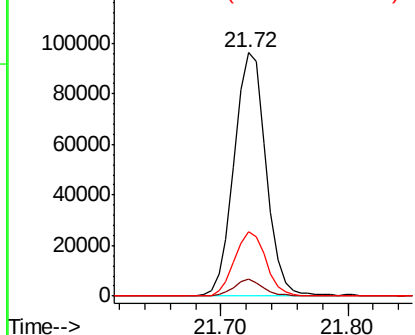


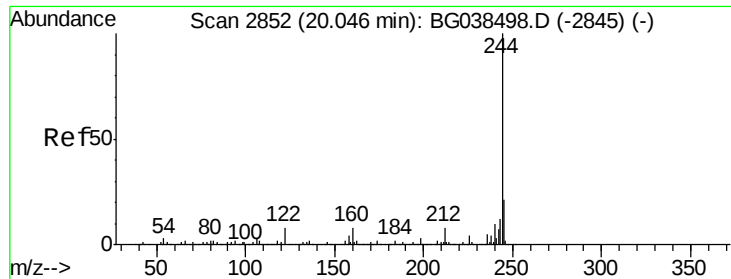
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.72 min Scan# 3171
Delta R.T. -0.00 min
Lab File: BG038793.D
Acq: 21 Dec 2018 19:27

Tgt Ion:240 Resp: 167237
Ion Ratio Lower Upper
240 100
120 6.9 5.3 7.9
236 26.7 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





#79

Terphenyl-d14

Concen: 41.209 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BG038793.D

Acq: 21 Dec 2018 19:27

Instrument :

BNA_G

ClientSampleId :

P001-SS022-1824-01

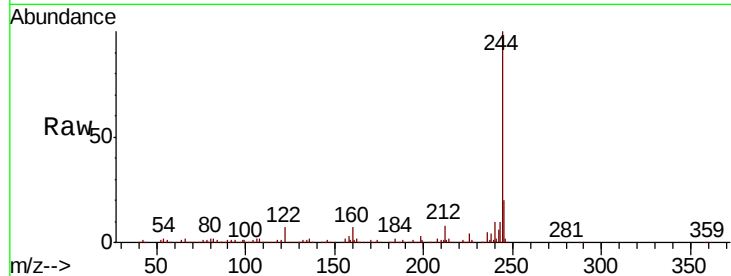
Tgt Ion:244 Resp: 316661

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

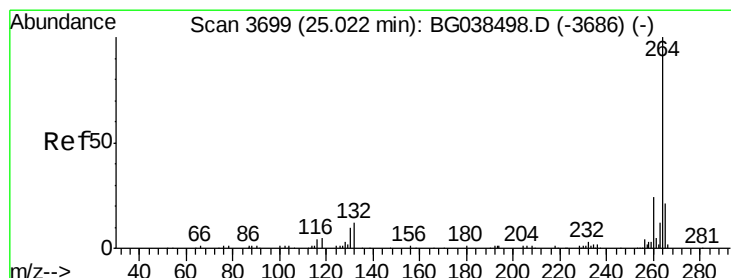
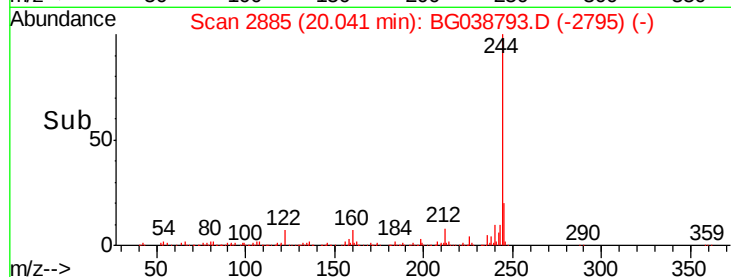
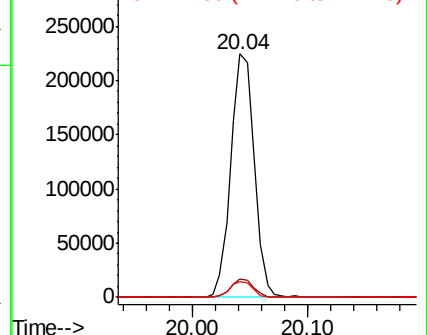
122 6.6 6.3 9.5



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: BG038793.D

Acq: 21 Dec 2018 19:27

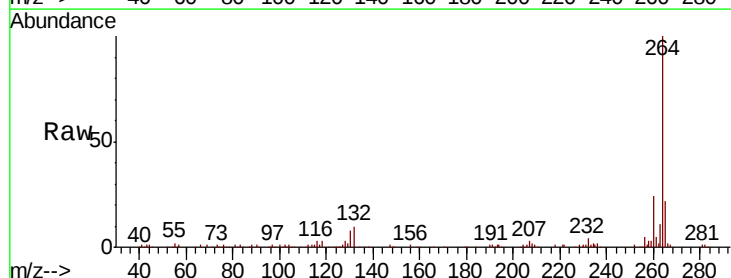
Tgt Ion:264 Resp: 176495

Ion Ratio Lower Upper

264 100

260 24.2 18.9 28.3

265 22.1 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

