

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG121918\
 Data File : BG038734.D
 Acq On : 19 Dec 2018 19:45
 Operator : JU/SJ
 Sample : J6465-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB03_12-14

Quant Time: Dec 19 23:55:24 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

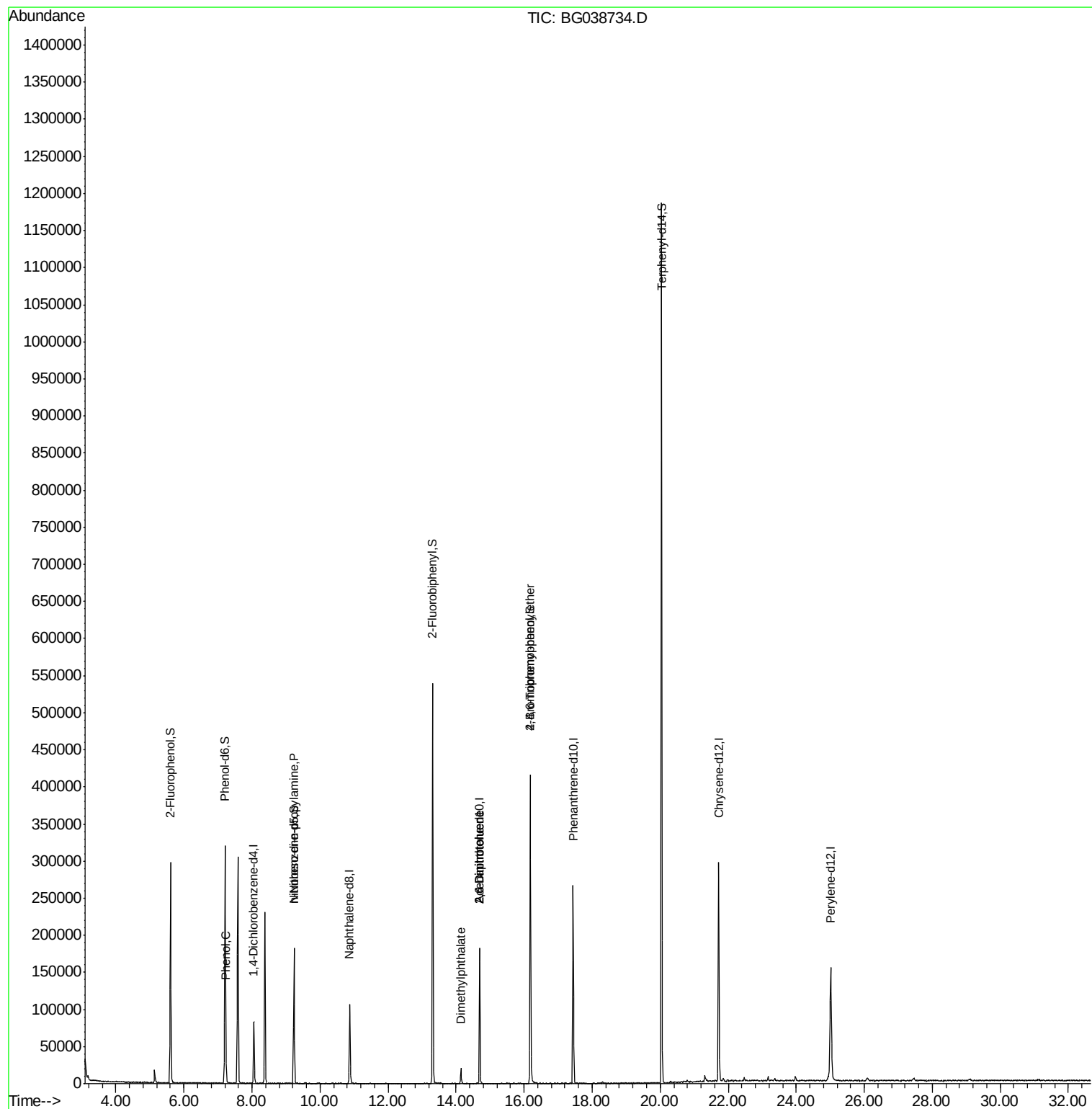
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	24864	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	99948	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	67871	20.00	ng	0.00
64) Phenanthrene-d10	17.44	188	177851	20.00	ng	0.00
76) Chrysene-d12	21.72	240	190591	20.00	ng	0.00
87) Perylene-d12	25.01	264	199890	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	134359	95.84	ng	0.00
7) Phenol-d6	7.21	99	183341	95.27	ng	0.00
23) Nitrobenzene-d5	9.23	82	110903	56.69	ng	0.00
42) 2,4,6-Tribromophenol	16.18	330	90750	97.02	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	290109	58.64	ng	0.00
79) Terphenyl-d14	20.04	244	598056	68.29	ng	0.00
Target Compounds						
10) Phenol	7.24	94	9859	4.822	ng	94
19) n-Nitroso-di-n-propylamine	9.23	70	15000	11.098	ng	# 74
50) Dimethylphthalate	14.14	163	16896	3.048	ng	98
51) 2,6-Dinitrotoluene	14.69	165	8621	6.864	ng	# 19
57) 2,4-Dinitrotoluene	14.69	165	8621	4.873	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	5620	2.587	ng	# 1

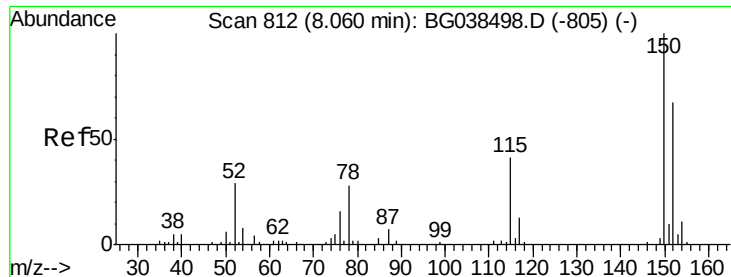
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 23:55:24 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



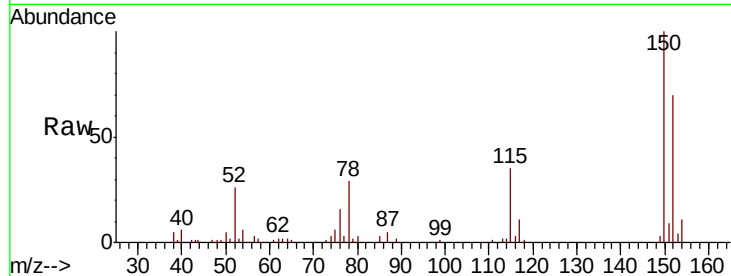


#1

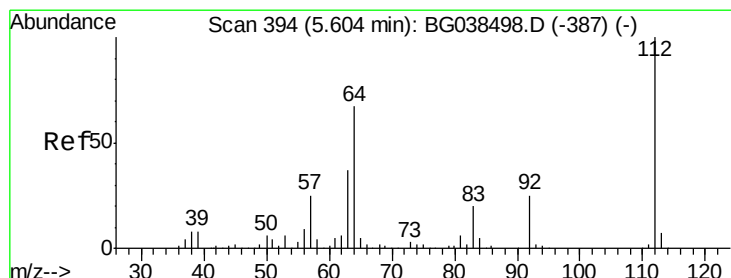
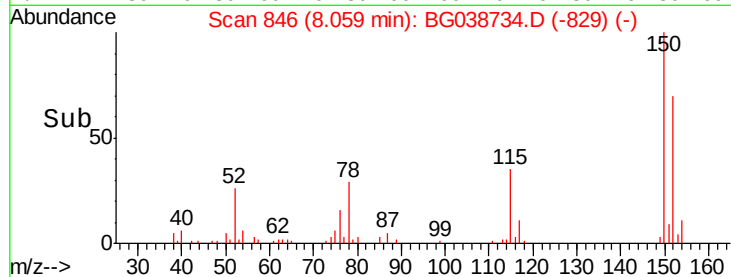
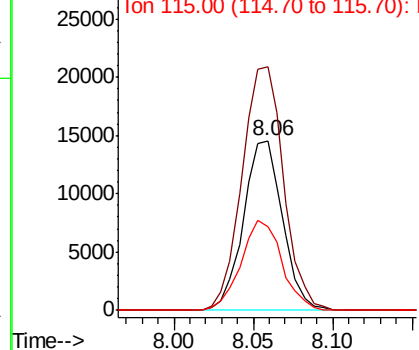
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BG038734.D
Acq: 19 Dec 2018 19:45

Instrument :
BNA_G
ClientSampleId :
EB03_12-14

Tgt Ion:152 Resp: 24864
Ion Ratio Lower Upper
152 100
150 143.3 119.5 179.3
115 49.4 49.6 74.4#



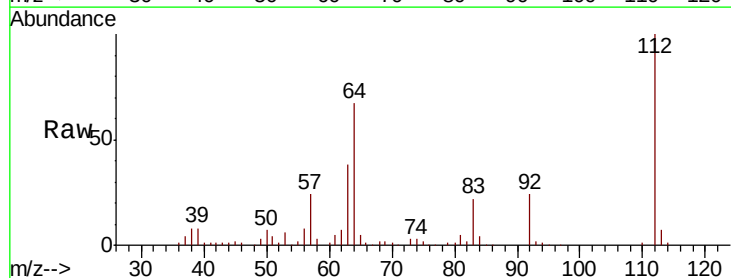
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



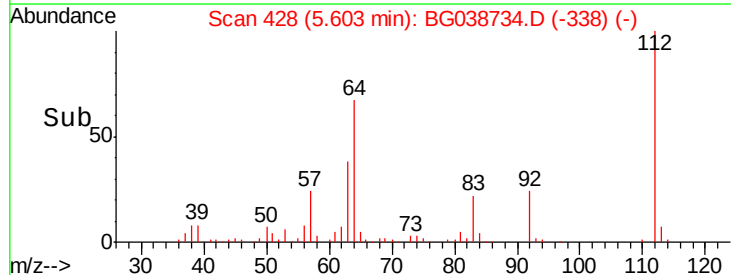
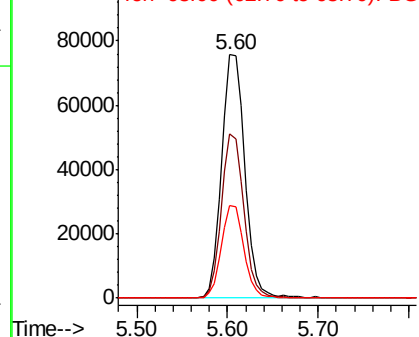
#5

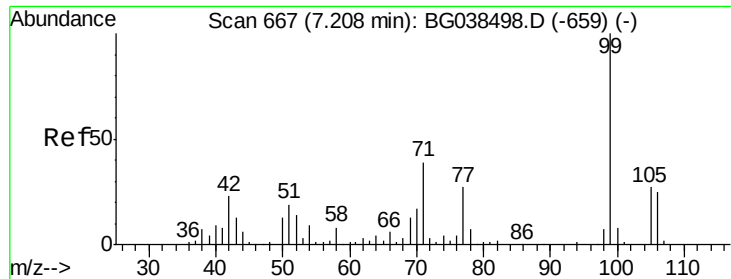
2-Fluorophenol
Concen: 95.844 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG038734.D
Acq: 19 Dec 2018 19:45

Tgt Ion:112 Resp: 134359
Ion Ratio Lower Upper
112 100
64 67.4 53.4 80.2
63 38.0 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: 95.268 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG038734.D

Acq: 19 Dec 2018 19:45

Instrument :

BNA_G

ClientSampleId :

EB03_12-14

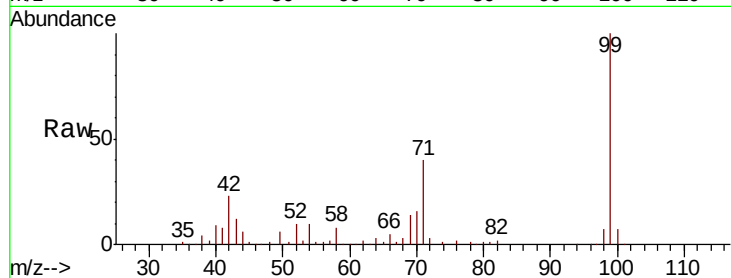
Tgt Ion: 99 Resp: 183341

Ion Ratio Lower Upper

99 100

42 23.3 18.5 27.7

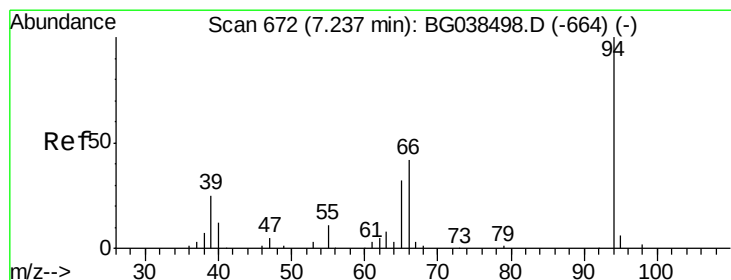
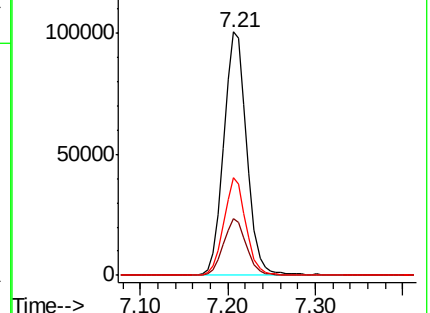
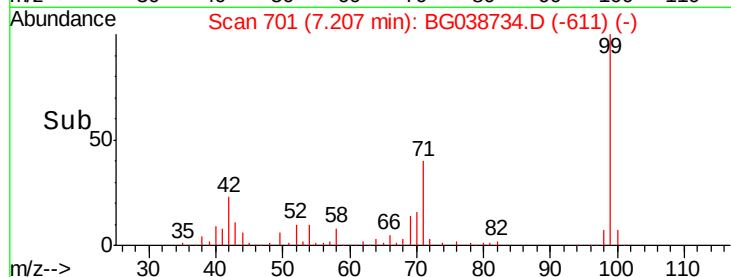
71 40.2 31.1 46.7



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: 4.822 ng

RT: 7.24 min Scan# 706

Delta R.T. -0.00 min

Lab File: BG038734.D

Acq: 19 Dec 2018 19:45

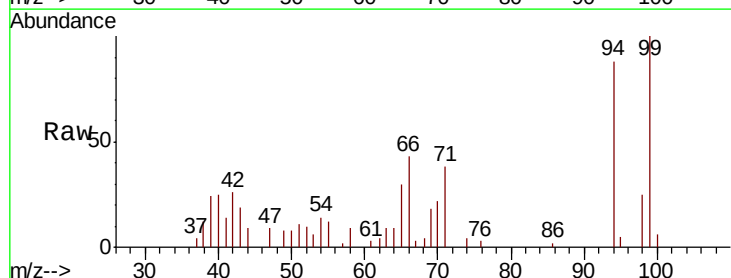
Tgt Ion: 94 Resp: 9859

Ion Ratio Lower Upper

94 100

65 34.6 12.6 52.6

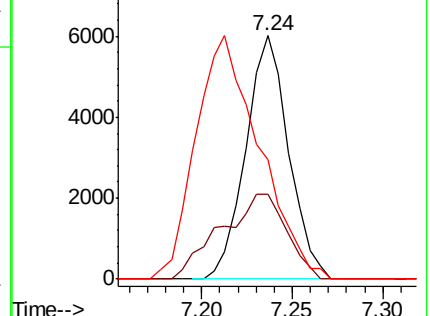
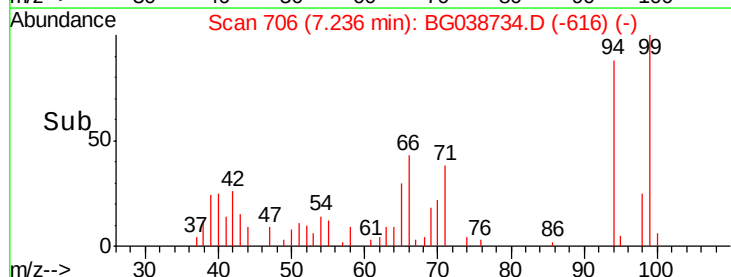
66 49.3 24.1 64.1

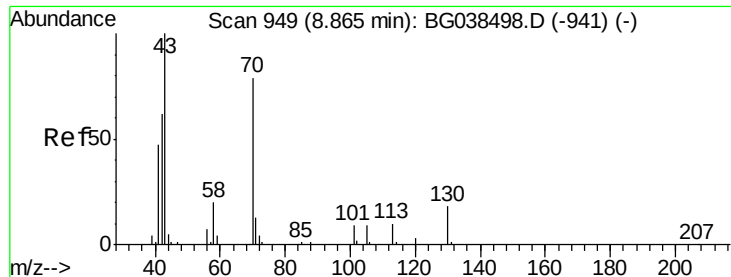


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

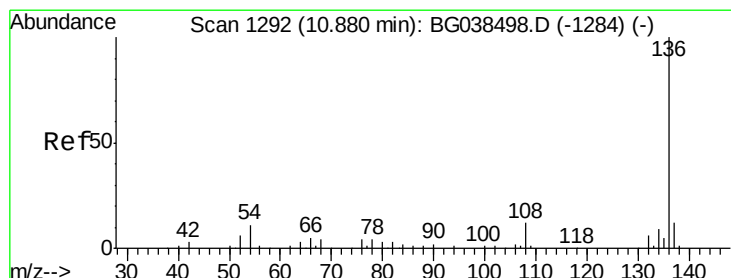
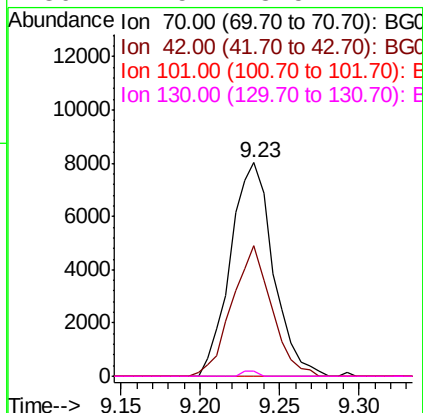
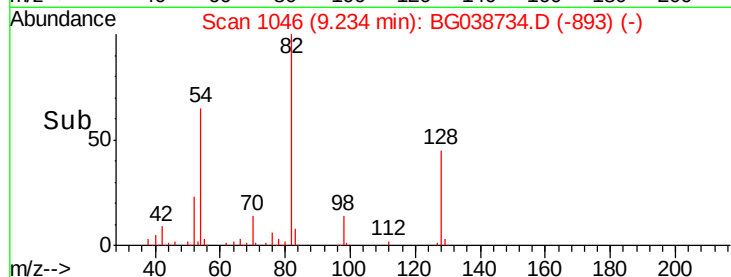
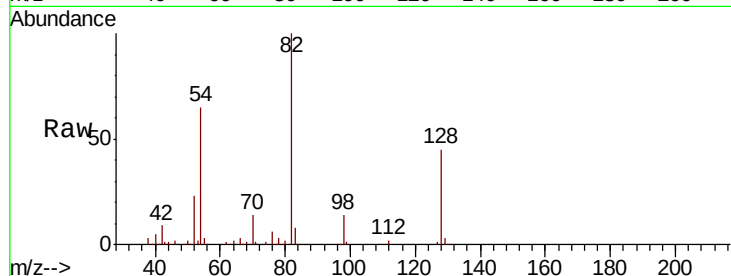




#19
n-Nitroso-di-n-propylamine
Concen: 11.098 ng
RT: 9.23 min Scan# 1046
Delta R.T. 0.37 min
Lab File: BG038734.D
Acq: 19 Dec 2018 19:45

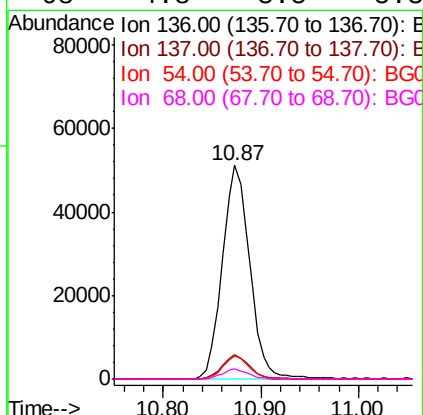
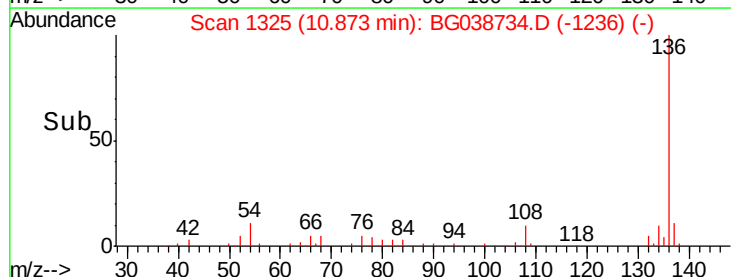
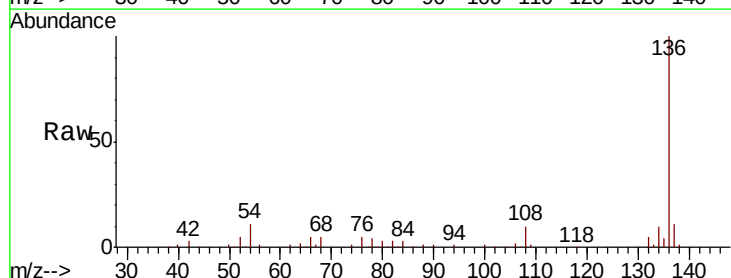
Instrument :
BNA_G
ClientSampleId :
EB03_12-14

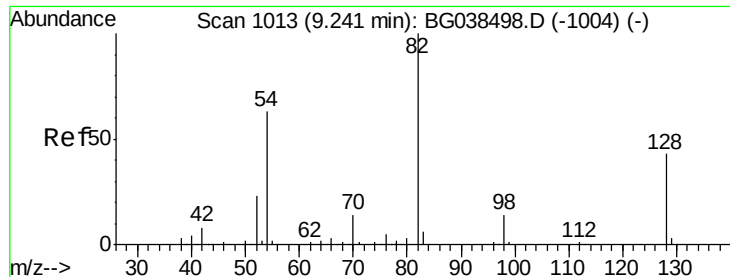
Tgt Ion: 70 Resp: 15000
Ion Ratio Lower Upper
70 100
42 60.9 63.6 95.4#
101 0.0 9.2 13.8#
130 2.5 18.5 27.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038734.D
Acq: 19 Dec 2018 19:45

Tgt Ion: 136 Resp: 99948
Ion Ratio Lower Upper
136 100
137 11.2 9.3 13.9
54 10.6 8.5 12.7
68 4.8 3.5 5.3

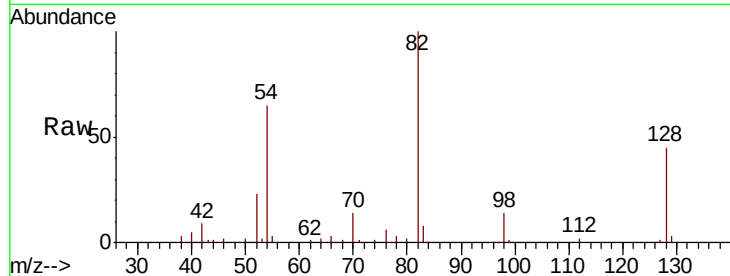




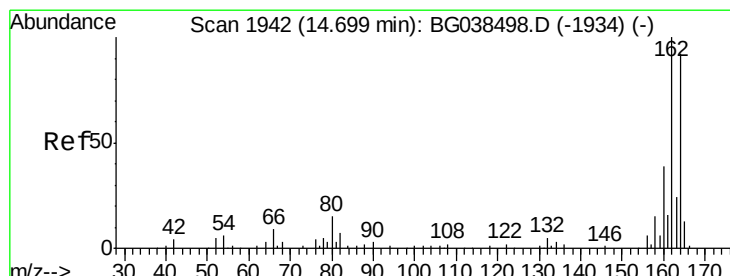
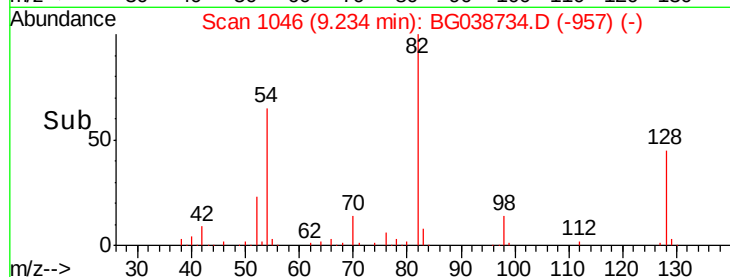
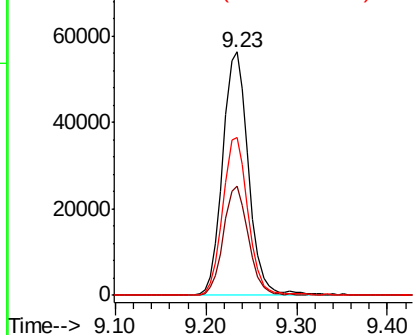
#23
Nitrobenzene-d5
Concen: 56.687 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG038734.D
Acq: 19 Dec 2018 19:45

Instrument :
BNA_G
ClientSampleId :
EB03_12-14

Tgt Ion: 82 Resp: 110903
Ion Ratio Lower Upper
82 100
128 45.1 34.6 52.0
54 65.1 50.6 76.0

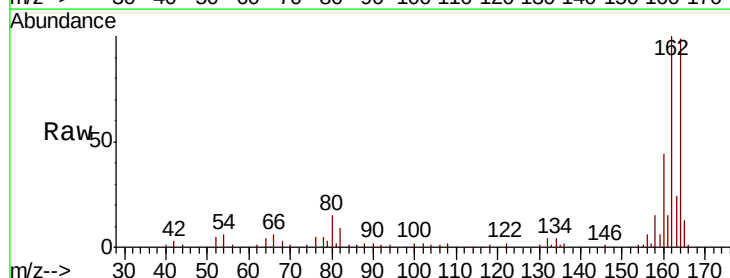


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

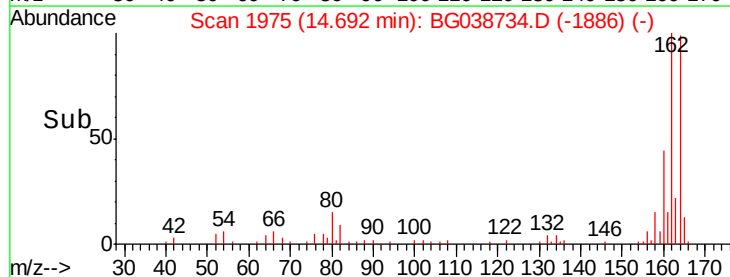
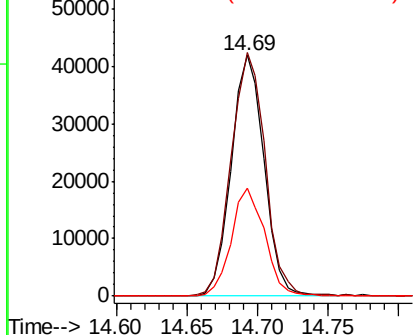


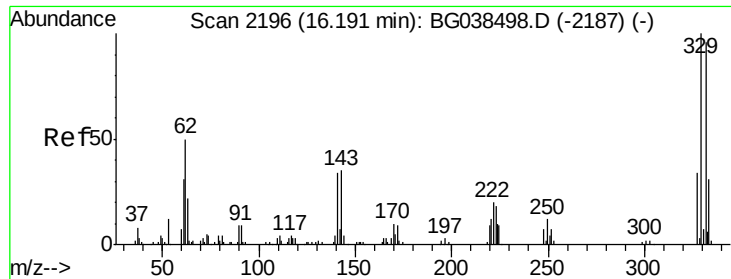
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG038734.D
Acq: 19 Dec 2018 19:45

Tgt Ion: 164 Resp: 67871
Ion Ratio Lower Upper
164 100
162 101.2 86.6 130.0
160 45.0 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

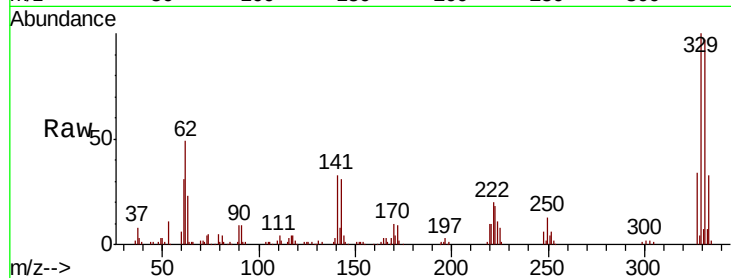




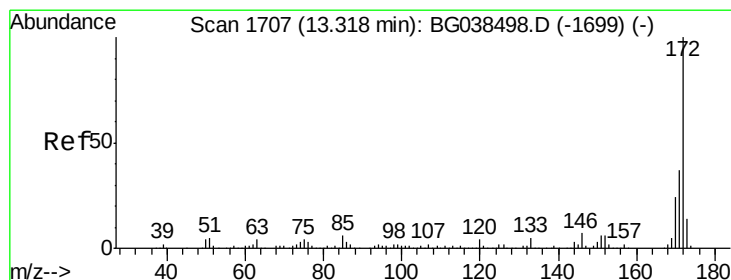
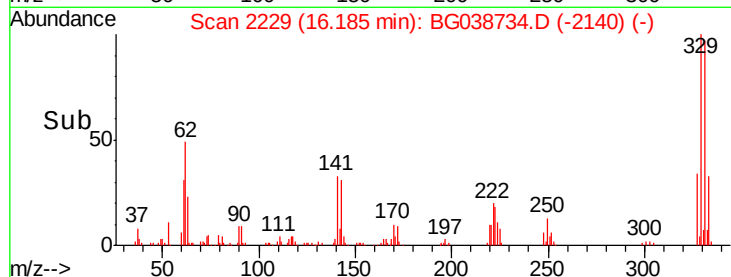
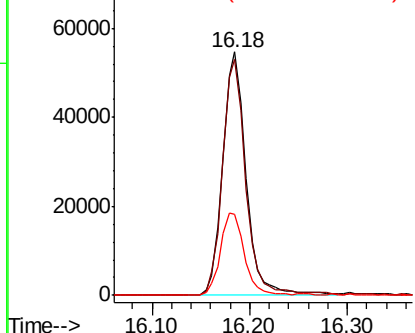
#42
 2,4,6-Tribromophenol
 Concen: 97.019 ng
 RT: 16.18 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG038734.D
 Acq: 19 Dec 2018 19:45

Instrument :
 BNA_G
 ClientSampleId :
 EB03_12-14

Tgt Ion: 330 Resp: 90750
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.9 115.3
 141 34.5 28.8 43.2

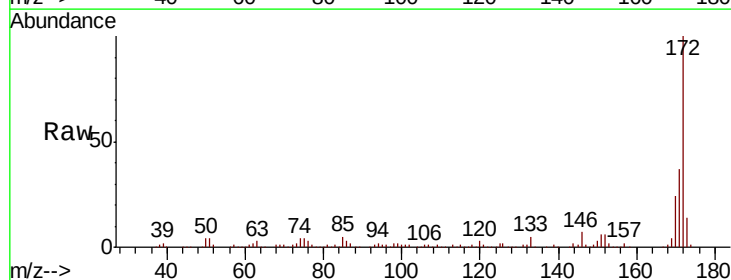


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

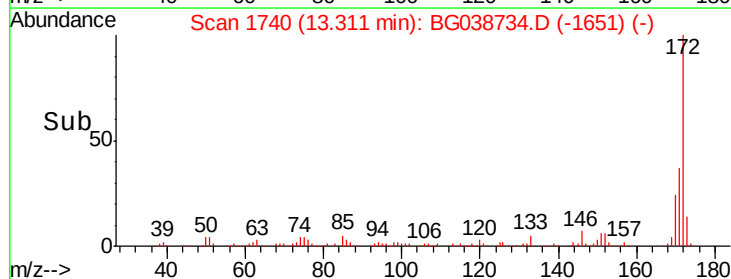
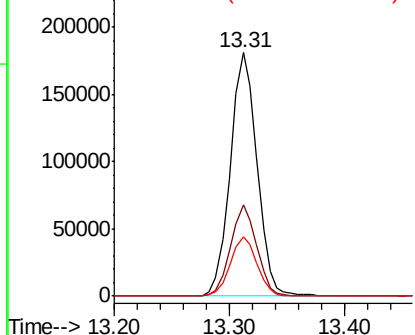


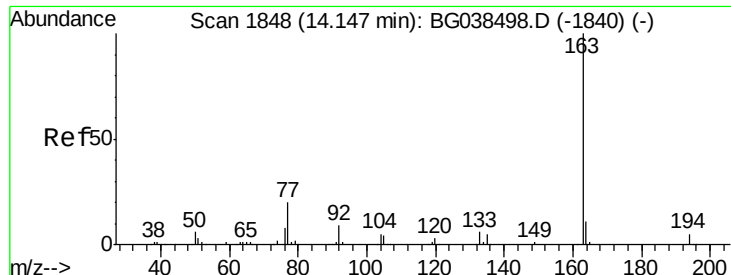
#45
 2-Fluorobiphenyl
 Concen: 58.639 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG038734.D
 Acq: 19 Dec 2018 19:45

Tgt Ion: 172 Resp: 290109
 Ion Ratio Lower Upper
 172 100
 171 37.3 29.8 44.6
 170 24.4 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: 3.048 ng

RT: 14.14 min Scan# 1881

Delta R.T. -0.01 min

Lab File: BG038734.D

Acq: 19 Dec 2018 19:45

Instrument :

BNA_G

ClientSampleId :

EB03_12-14

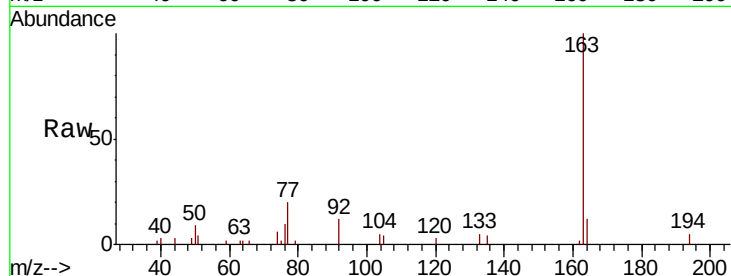
Tgt Ion:163 Resp: 16896

Ion Ratio Lower Upper

163 100

194 5.0 3.7 5.5

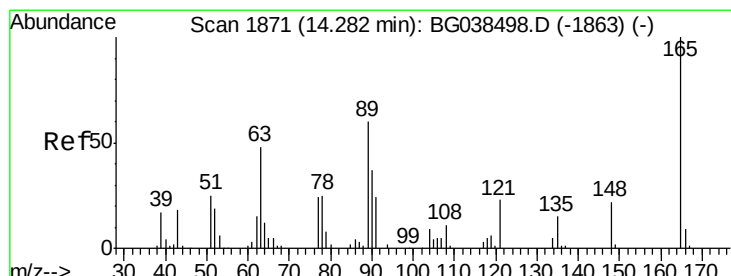
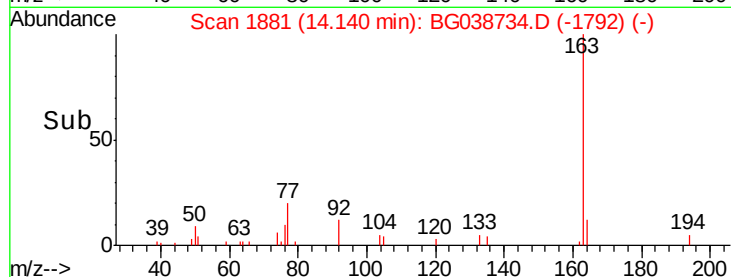
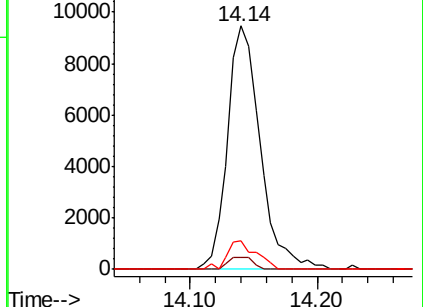
164 11.7 8.6 12.8



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: 6.864 ng

RT: 14.69 min Scan# 1975

Delta R.T. 0.41 min

Lab File: BG038734.D

Acq: 19 Dec 2018 19:45

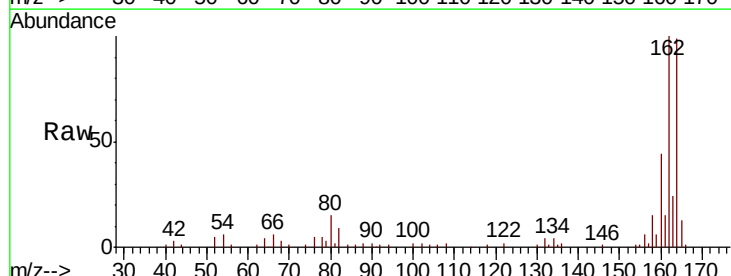
Tgt Ion:165 Resp: 8621

Ion Ratio Lower Upper

165 100

63 0.0 51.8 77.6#

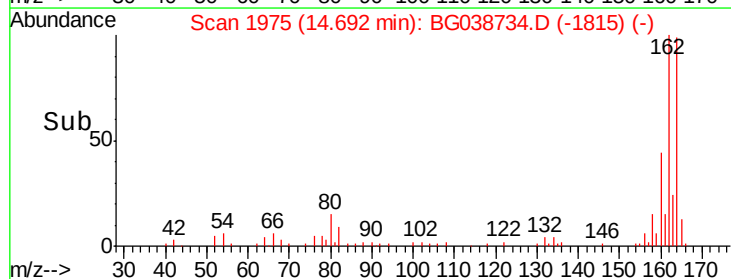
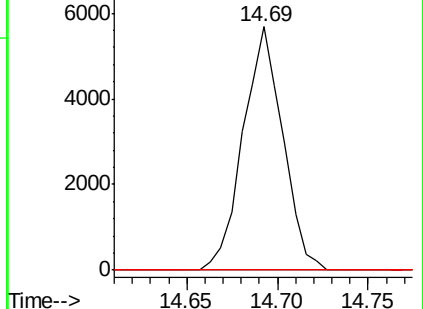
89 0.0 47.9 71.9#

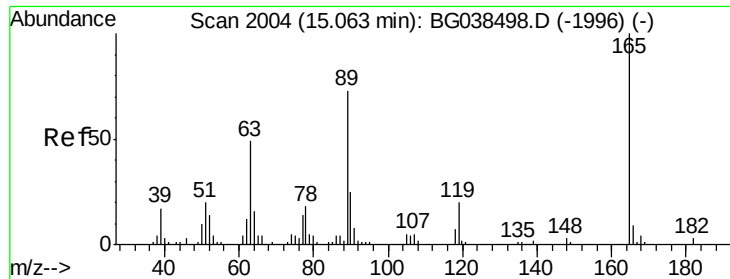


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

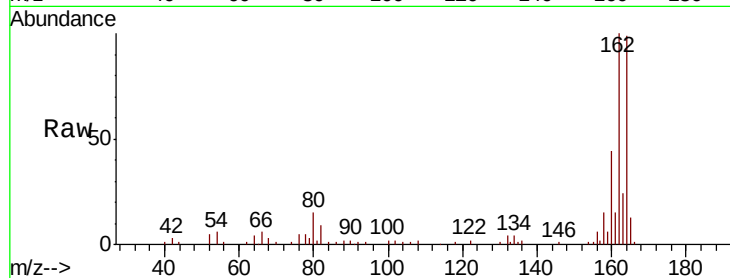




#57
 2,4-Dinitrotoluene
 Concen: 4.873 ng
 RT: 14.69 min Scan# 1975
 Delta R.T. -0.37 min
 Lab File: BG038734.D
 Acq: 19 Dec 2018 19:45

Instrument :
 BNA_G
 ClientSampleId :
 EB03_12-14

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#

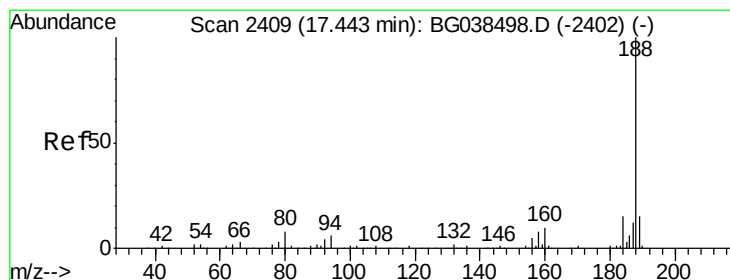
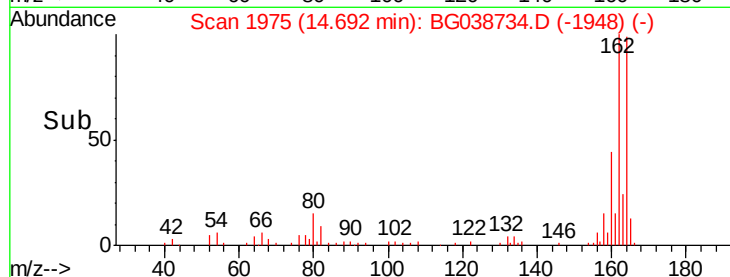
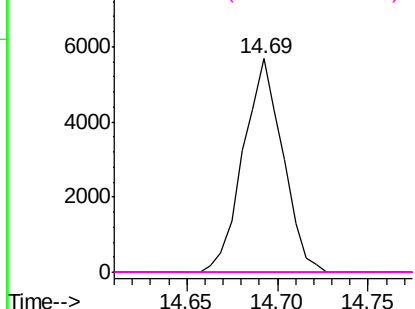


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

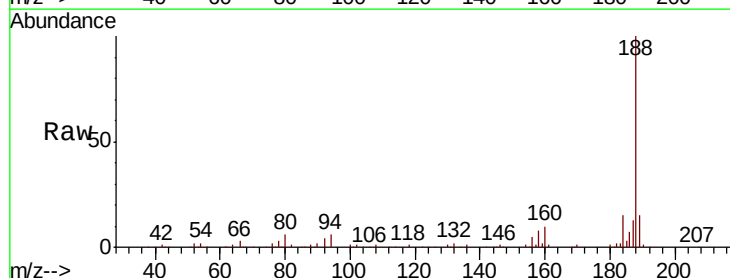
Ion 89.00 (88.70 to 89.70): BGC

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: BG038734.D
 Acq: 19 Dec 2018 19:45

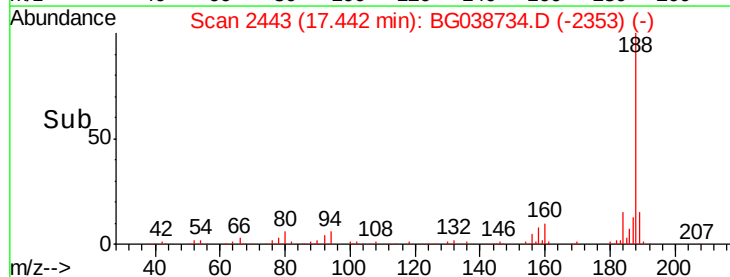
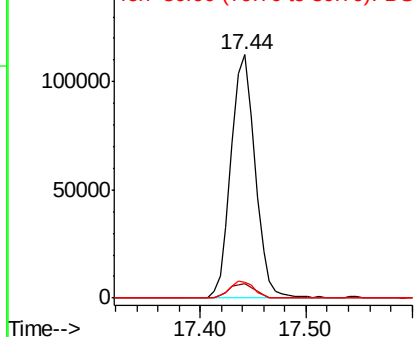
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.8	5.1	7.7
80	6.3	6.1	9.1

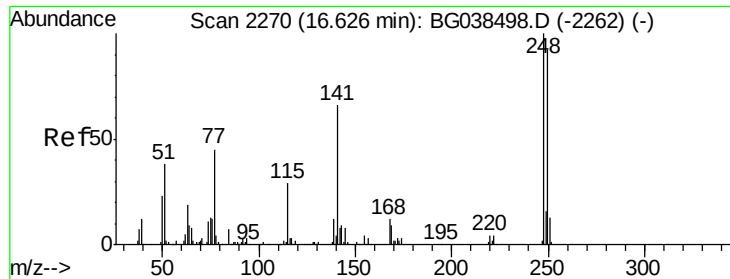


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

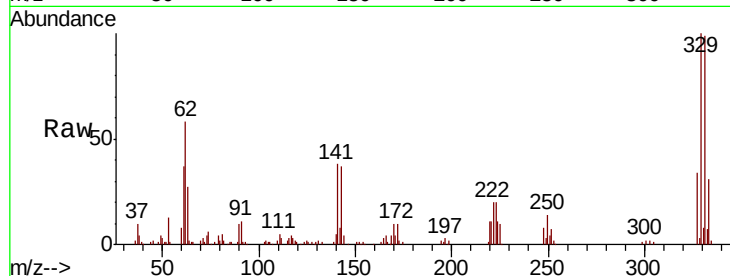




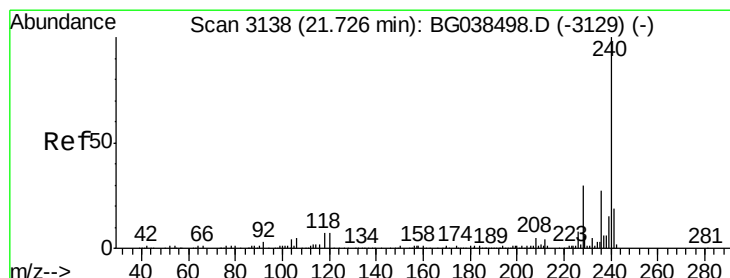
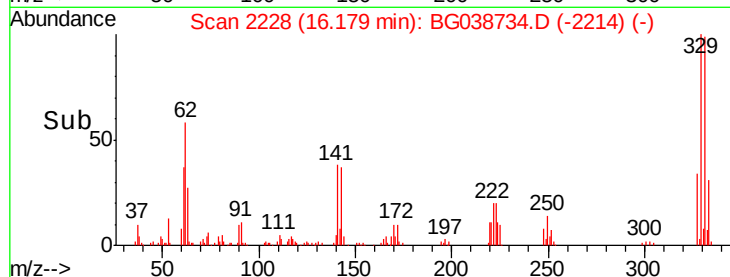
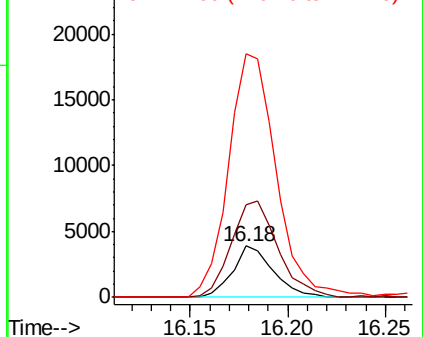
#67
 4-Bromophenyl-phenylether
 Concen: 2.587 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.45 min
 Lab File: BG038734.D
 Acq: 19 Dec 2018 19:45

Instrument :
 BNA_G
 ClientSampleId :
 EB03_12-14

Tgt Ion:248 Resp: 5620
 Ion Ratio Lower Upper
 248 100
 250 173.4 73.4 110.2#
 141 351.8 52.9 79.3#

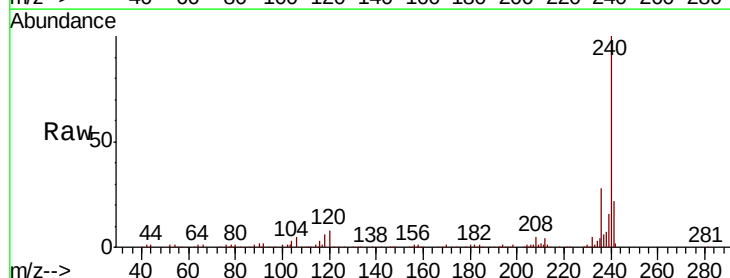


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

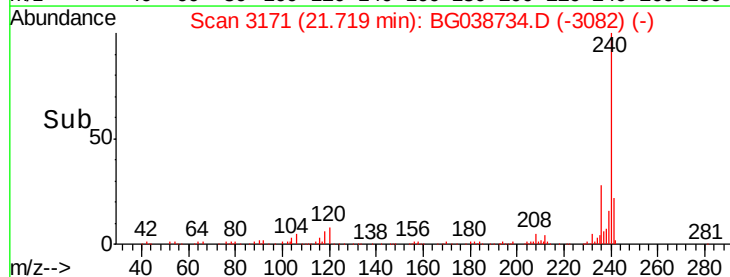
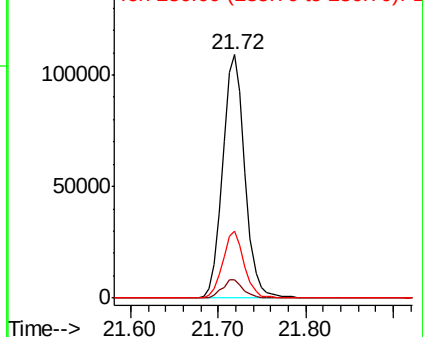


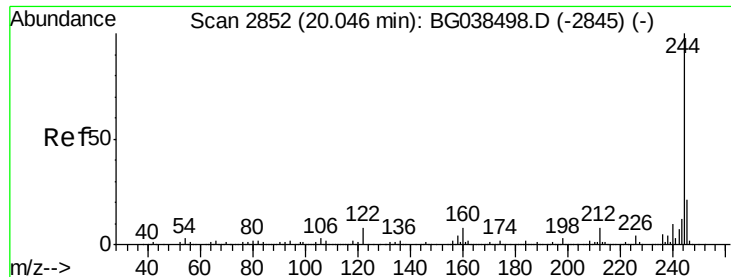
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3171
 Delta R.T. -0.01 min
 Lab File: BG038734.D
 Acq: 19 Dec 2018 19:45

Tgt Ion:240 Resp: 190591
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.3 7.9
 236 27.5 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: 68.291 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG038734.D

Acq: 19 Dec 2018 19:45

Instrument :

BNA_G

ClientSampleId :

EB03_12-14

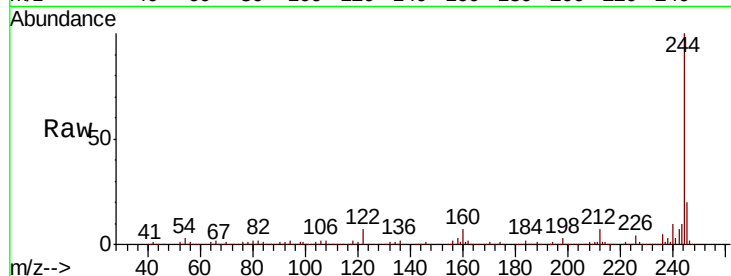
Tgt Ion:244 Resp: 598056

Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

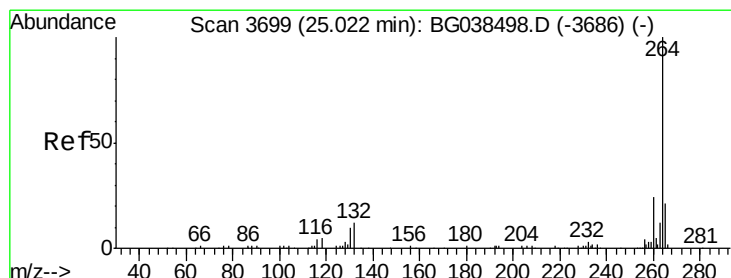
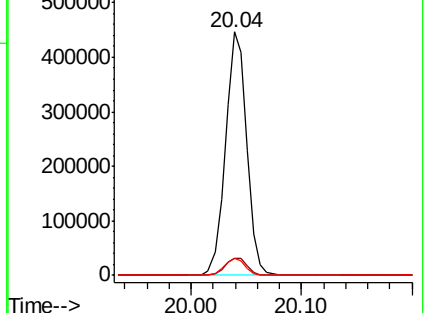
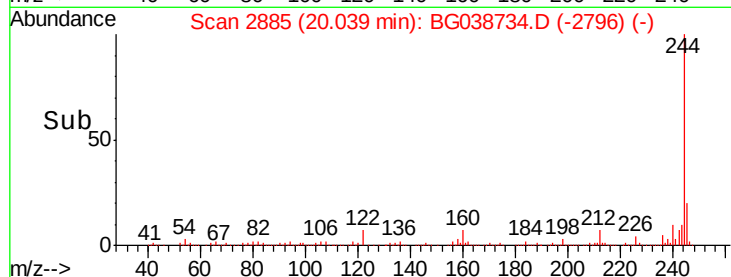
122 7.3 6.3 9.5



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: 25.01 min Scan# 3731

Delta R.T. -0.01 min

Lab File: BG038734.D

Acq: 19 Dec 2018 19:45

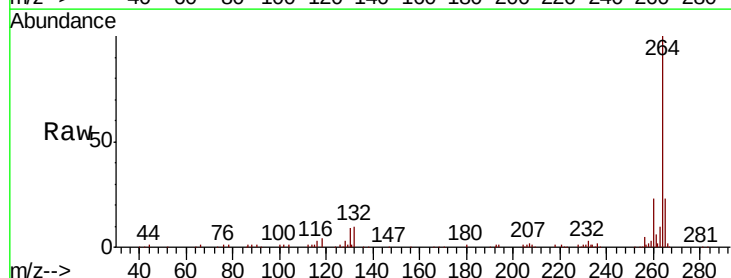
Tgt Ion:264 Resp: 199890

Ion Ratio Lower Upper

264 100

260 22.6 18.9 28.3

265 22.9 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

