

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG120318\
 Data File : BG038308.D
 Acq On : 3 Dec 2018 20:20
 Operator : JU/SJ
 Sample : J6179-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGS

Quant Time: Dec 04 05:03:29 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

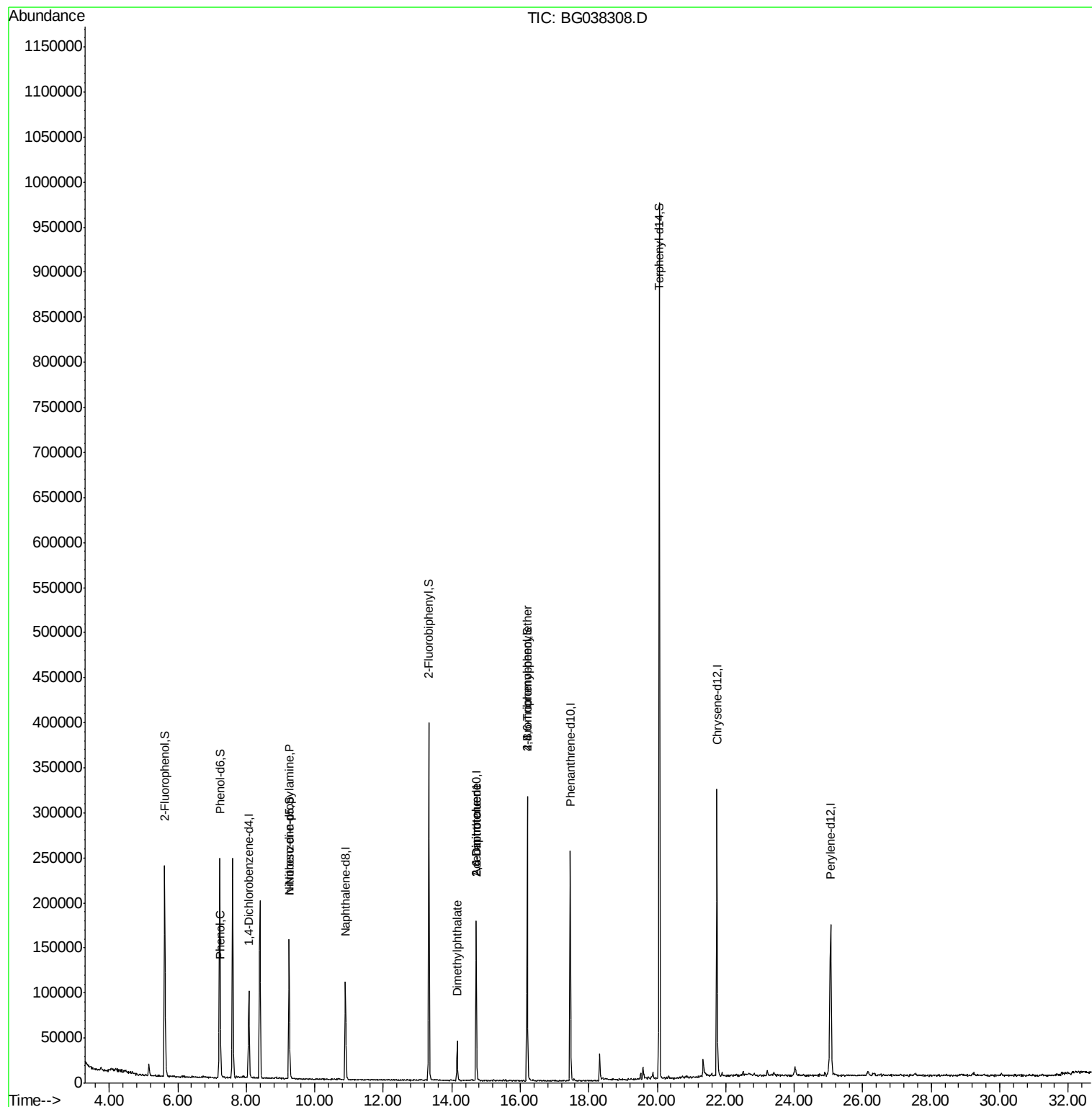
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	29351	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	100051	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	65501	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	165296	20.00	ng	-0.01
76) Chrysene-d12	21.74	240	191876	20.00	ng	-0.01
87) Perylene-d12	25.06	264	198049	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	112910	66.42	ng	-0.01
7) Phenol-d6	7.22	99	155922	64.26	ng	-0.01
23) Nitrobenzene-d5	9.25	82	100054	53.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	61440	82.25	ng	-0.01
45) 2-Fluorobiphenyl	13.33	172	223673	49.75	ng	-0.02
79) Terphenyl-d14	20.06	244	493161	60.48	ng	0.00
Target Compounds						
10) Phenol	7.25	94	12677	4.932	ng	91
19) n-Nitroso-di-n-propylamine	9.25	70	13077	7.448	ng	# 74
50) Dimethylphthalate	14.16	163	33988	6.545	ng	97
51) 2,6-Dinitrotoluene	14.71	165	8137	6.924	ng	# 23
57) 2,4-Dinitrotoluene	14.71	165	8137	5.089	ng	# 23
67) 4-Bromophenyl-phenylether	16.20	248	3909	2.155	ng	# 1

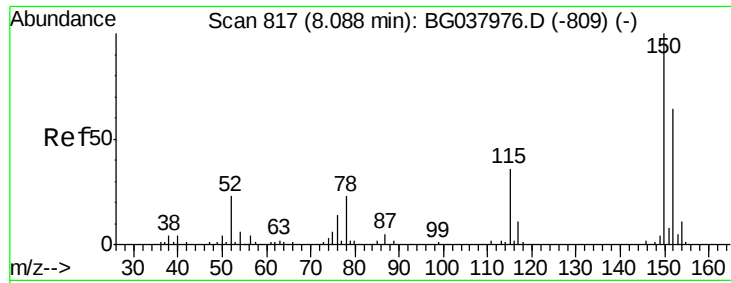
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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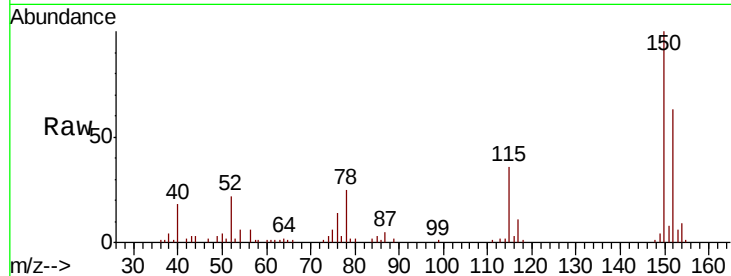


#1

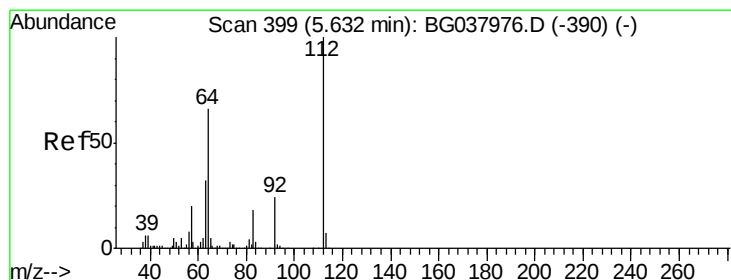
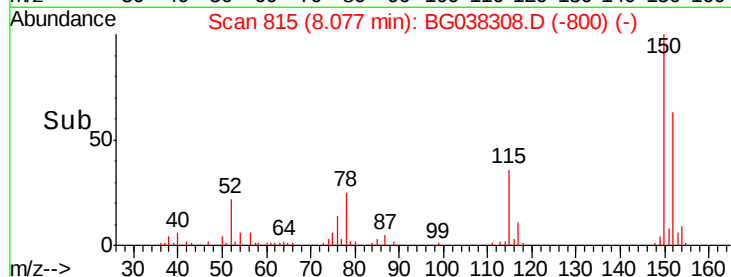
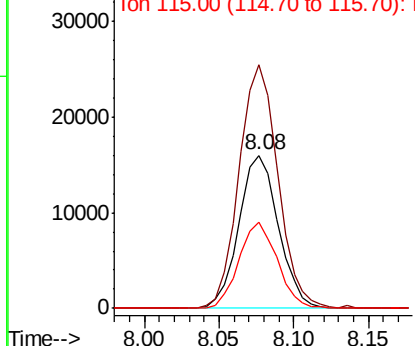
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGS

Tgt Ion:152 Resp: 29351
Ion Ratio Lower Upper
152 100
150 159.4 126.0 189.0
115 56.6 45.5 68.3



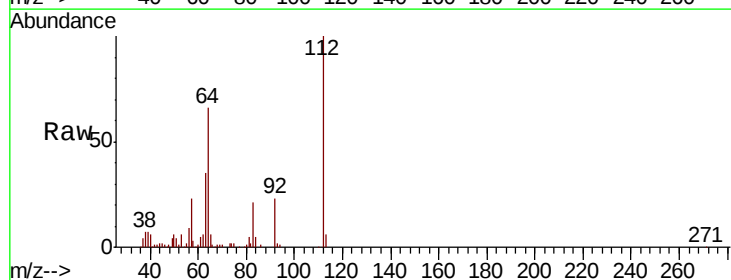
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



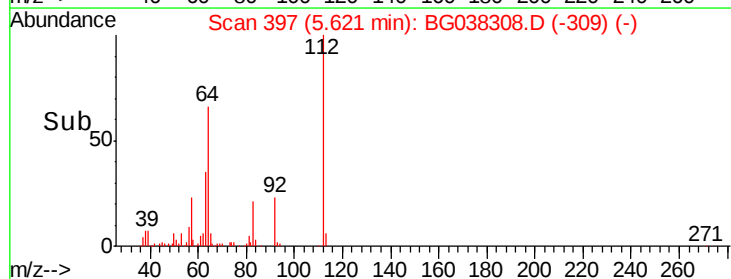
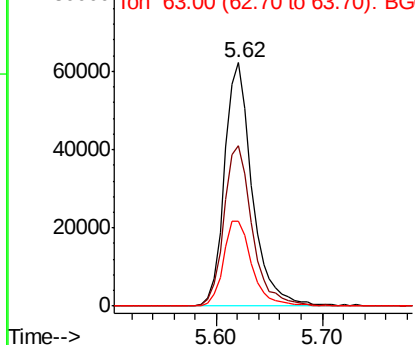
#5

2-Fluorophenol
Concen: 66.419 ng
RT: 5.62 min Scan# 397
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Tgt Ion:112 Resp: 112910
Ion Ratio Lower Upper
112 100
64 65.8 53.1 79.7
63 34.9 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 64.255 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampled :

S1-0-0.5-BGS

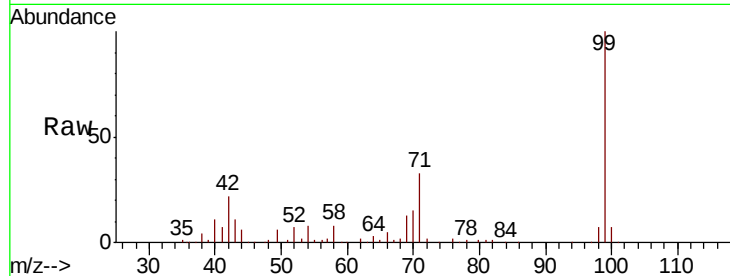
Tgt Ion: 99 Resp: 155922

Ion Ratio Lower Upper

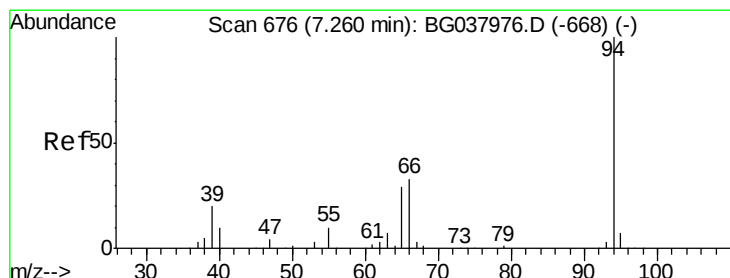
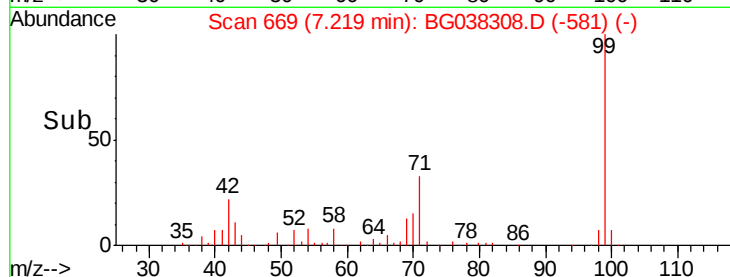
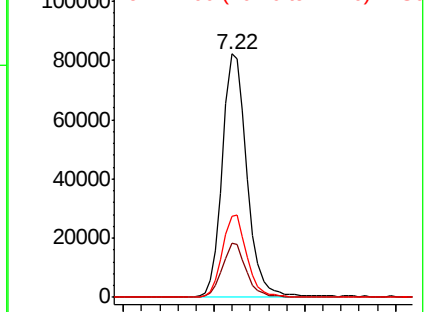
99 100

42 22.3 15.0 22.4

71 33.1 25.5 38.3



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: 4.932 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

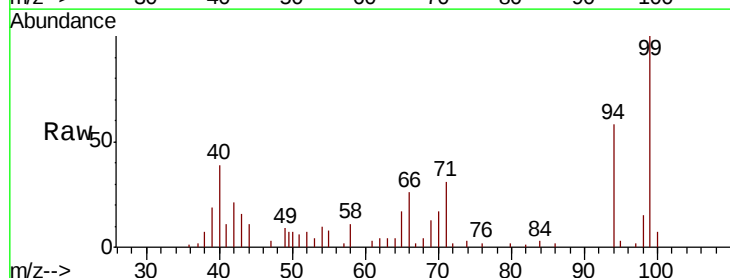
Tgt Ion: 94 Resp: 12677

Ion Ratio Lower Upper

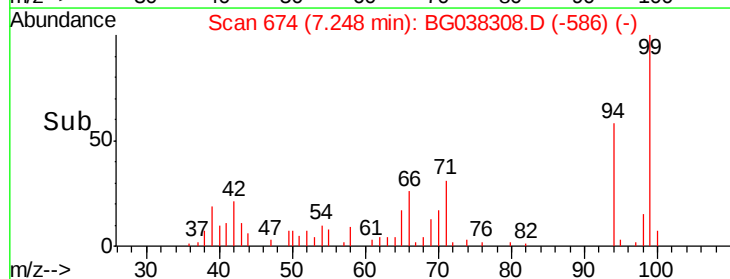
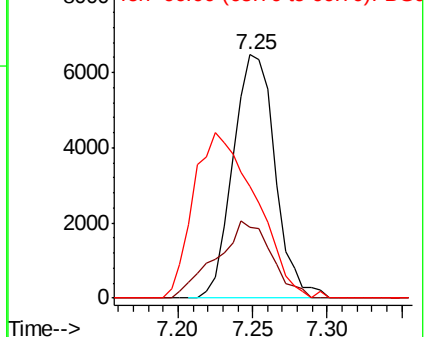
94 100

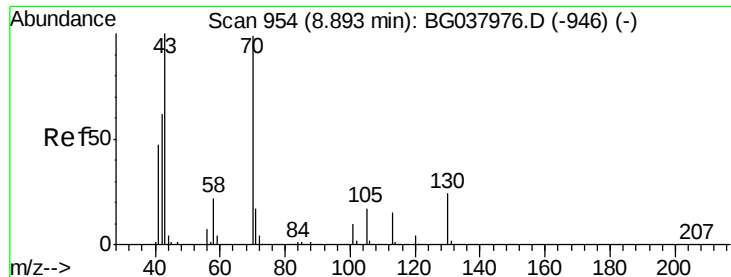
65 29.3 9.7 49.7

66 45.7 15.9 55.9



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

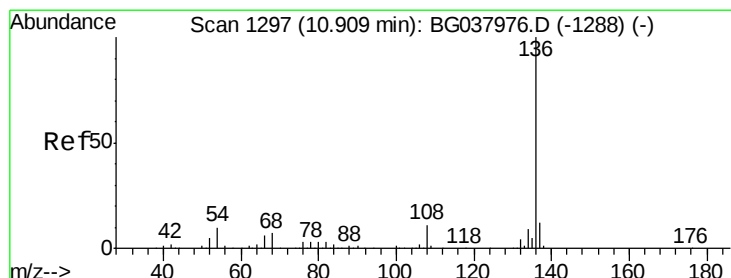
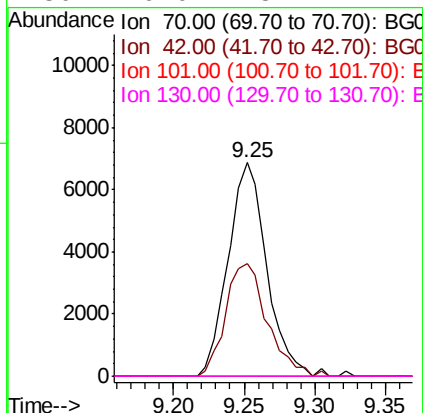
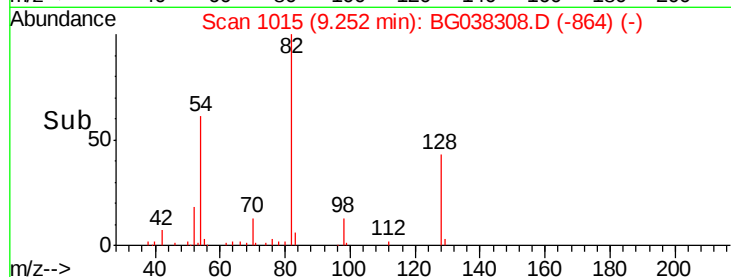
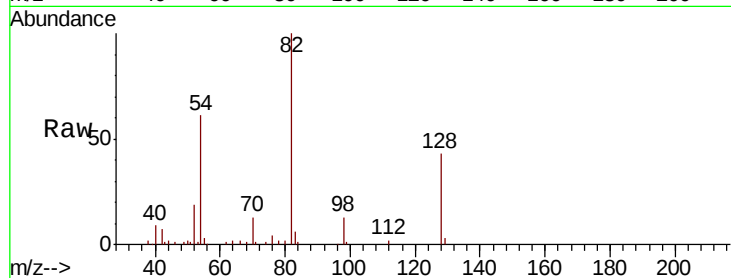




#19
n-Nitroso-di-n-propylamine
Concen: 7.448 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.36 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

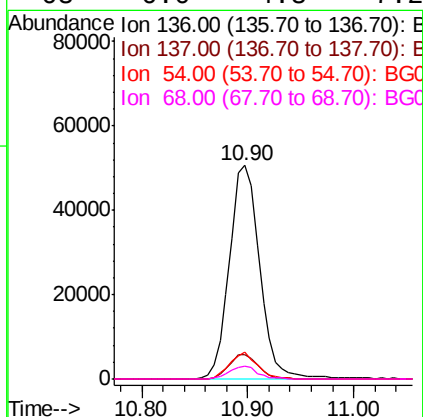
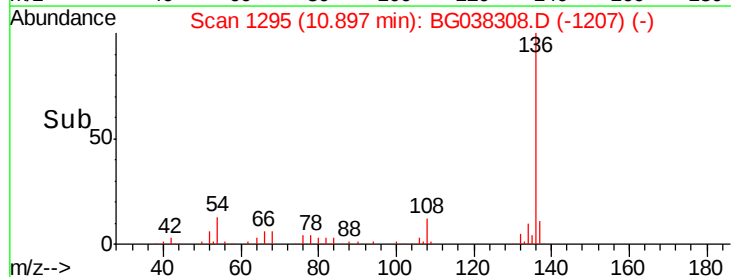
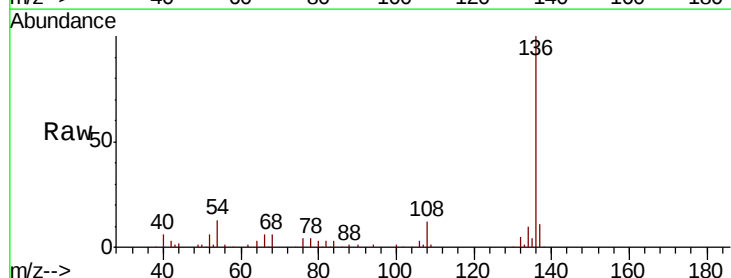
Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGS

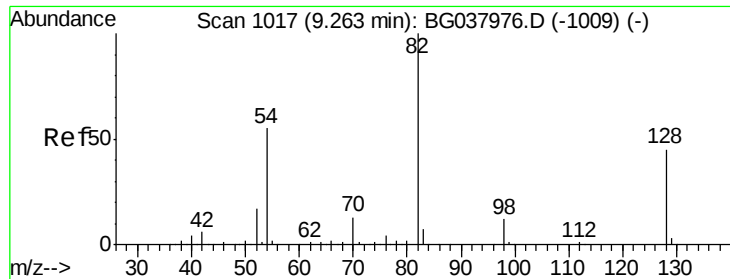
Tgt Ion: 70 Resp: 13077
Ion Ratio Lower Upper
70 100
42 52.7 53.9 80.9#
101 0.0 8.2 12.2#
130 0.0 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Tgt Ion: 136 Resp: 100051
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 12.5 7.9 11.9#
68 6.0 4.8 7.2

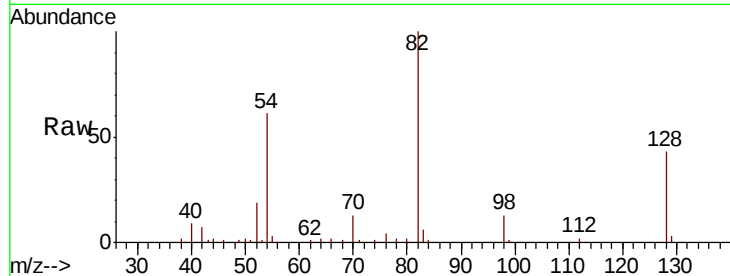




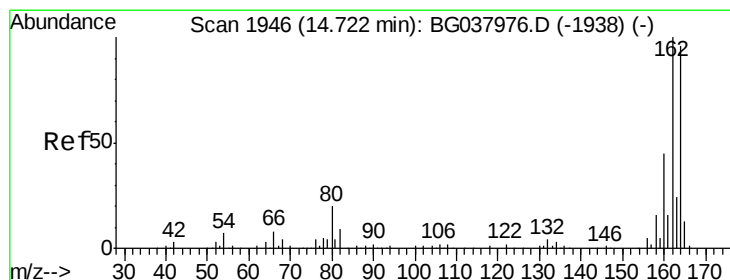
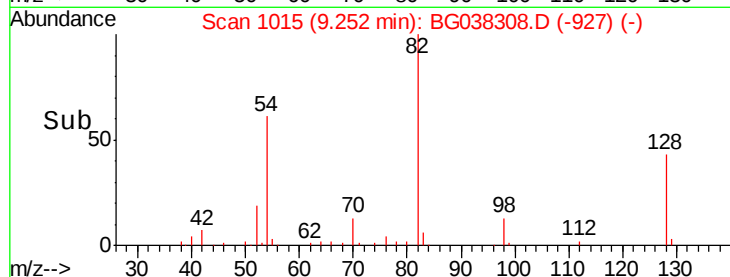
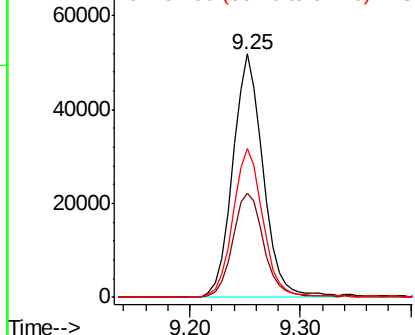
#23
Nitrobenzene-d5
Concen: 53.532 ng
RT: 9.25 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Instrument :
BNA_G
ClientSampleId :
S1-0-0.5-BGS

Tgt Ion: 82 Resp: 100054
Ion Ratio Lower Upper
82 100
128 42.7 34.6 51.8
54 61.0 45.3 67.9

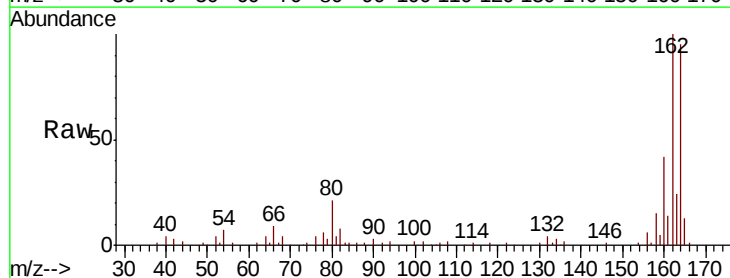


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

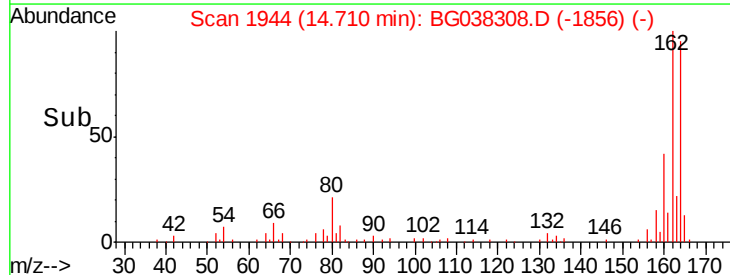
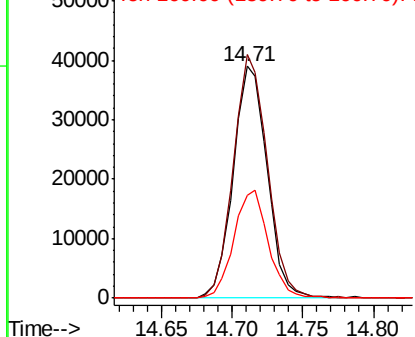


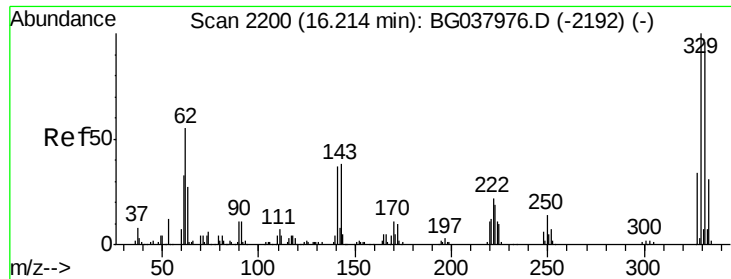
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.71 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BG038308.D
Acq: 3 Dec 2018 20:20

Tgt Ion: 164 Resp: 65501
Ion Ratio Lower Upper
164 100
162 105.1 81.3 121.9
160 44.3 36.3 54.5



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: 82.246 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGS

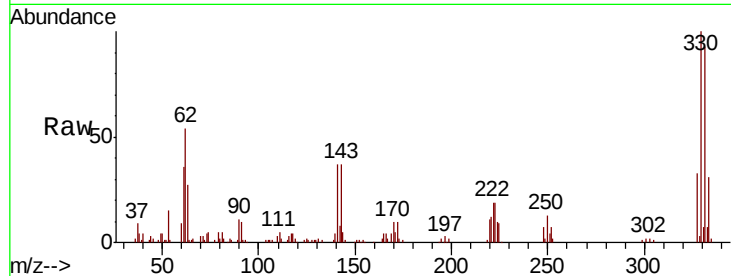
Tgt Ion:330 Resp: 61440

Ion Ratio Lower Upper

330 100

332 93.7 78.4 117.6

141 38.3 32.2 48.2

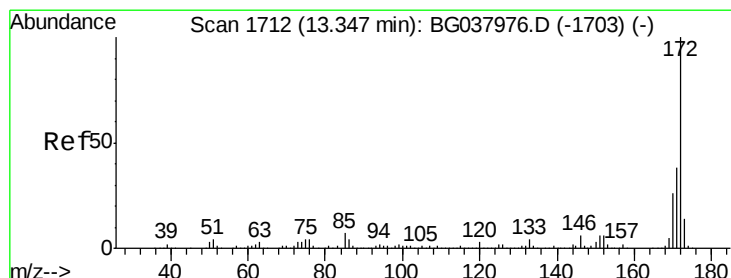
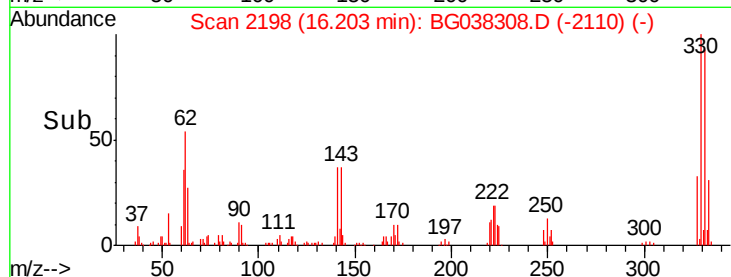
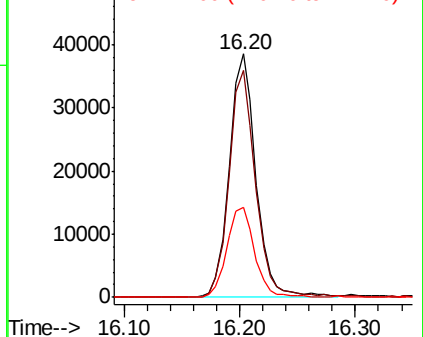


Abundance

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: 49.749 ng

RT: 13.33 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

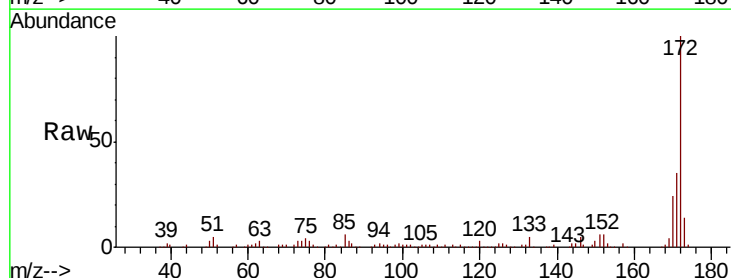
Tgt Ion:172 Resp: 223673

Ion Ratio Lower Upper

172 100

171 35.4 31.0 46.4

170 23.9 20.2 30.2

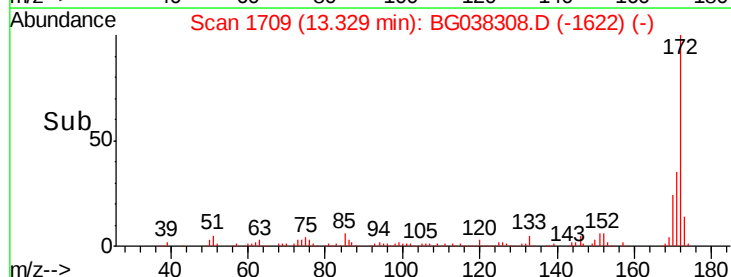
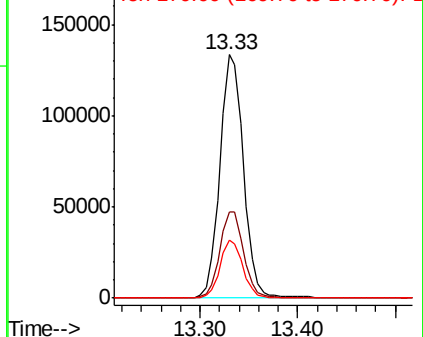


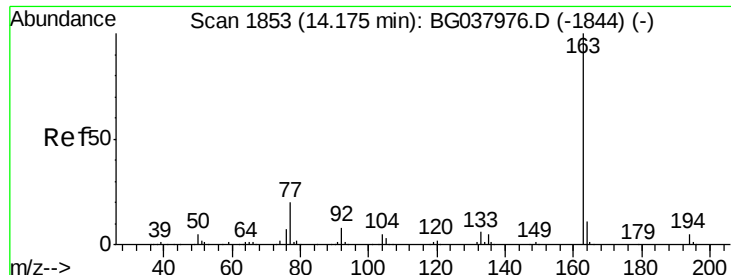
Abundance

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: 6.545 ng

RT: 14.16 min Scan# 1850

Delta R.T. -0.02 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

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ClientSampleId :

S1-0-0.5-BGS

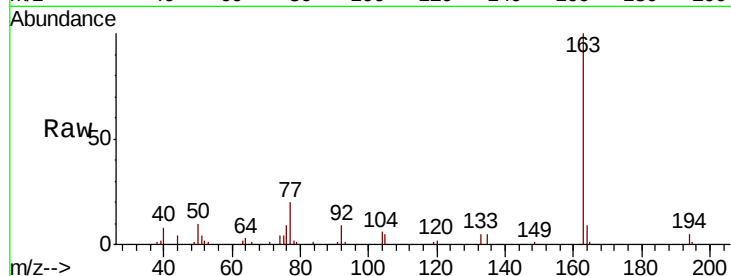
Tgt Ion:163 Resp: 33988

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

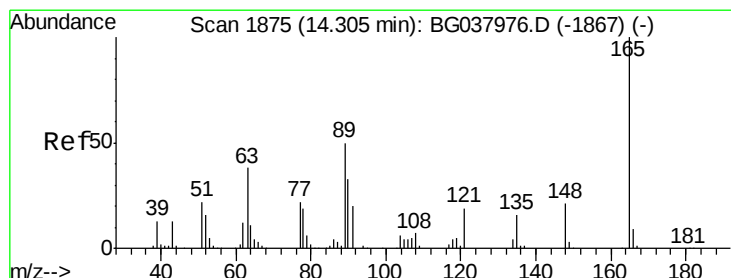
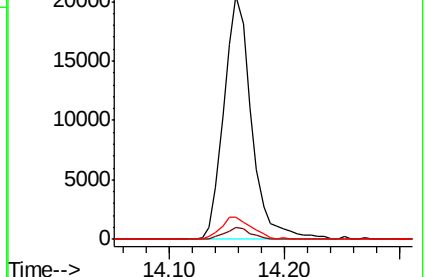
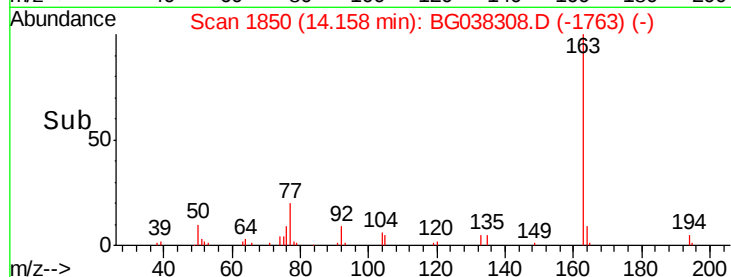
164 9.1 8.5 12.7



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: 6.924 ng

RT: 14.71 min Scan# 1944

Delta R.T. 0.41 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

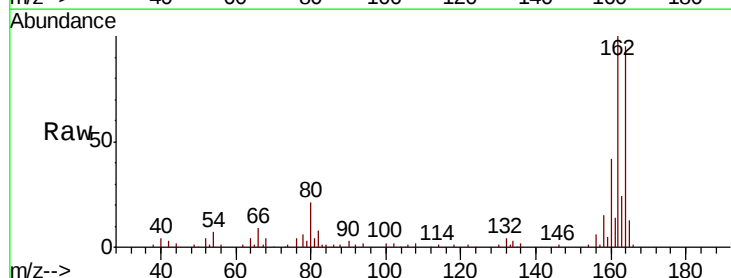
Tgt Ion:165 Resp: 8137

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

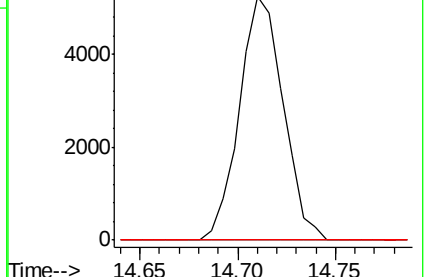
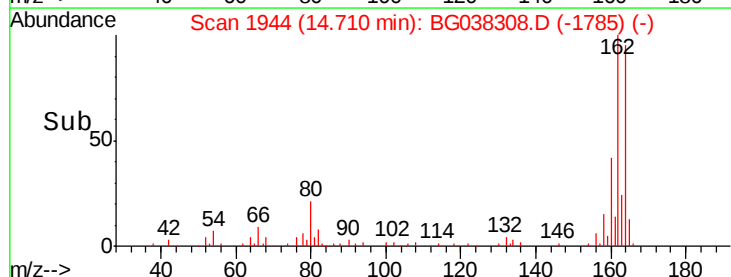
89 0.0 45.8 68.6#

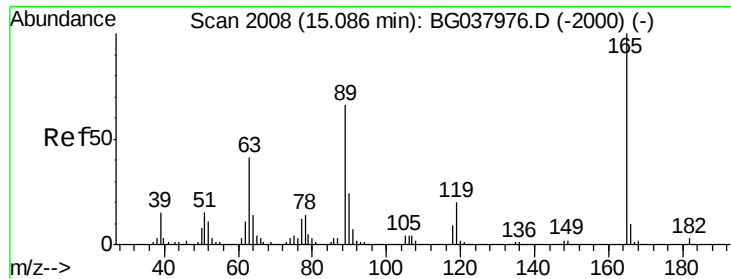


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

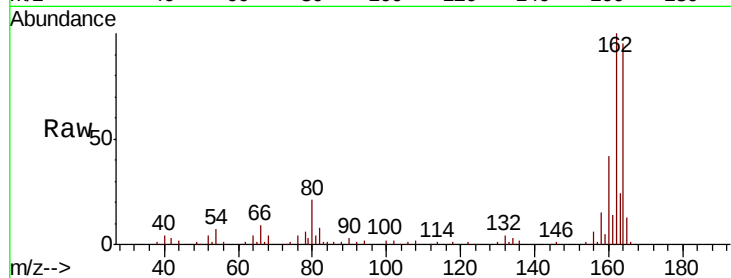




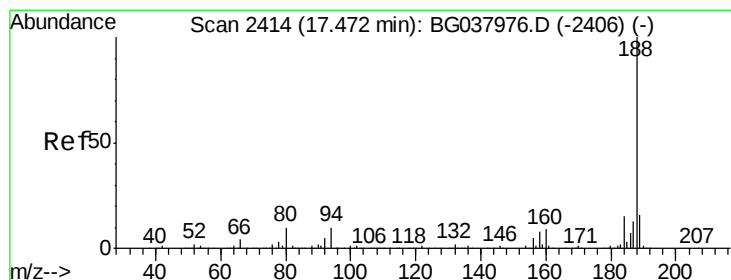
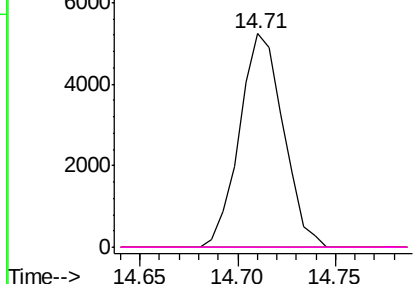
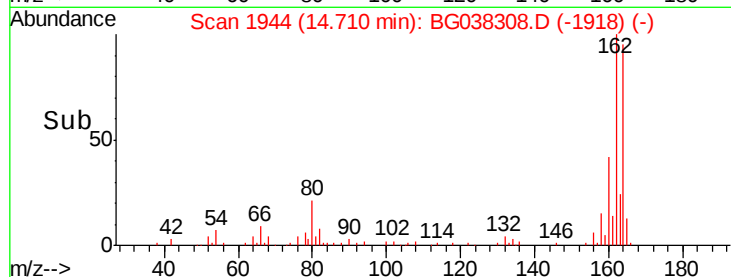
#57
 2,4-Dinitrotoluene
 Concen: 5.089 ng
 RT: 14.71 min Scan# 1944
 Delta R.T. -0.38 min
 Lab File: BG038308.D
 Acq: 3 Dec 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGS

Tgt Ion:	165	Resp:	8137
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

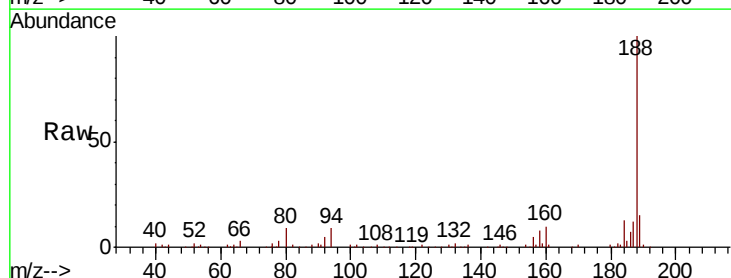


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

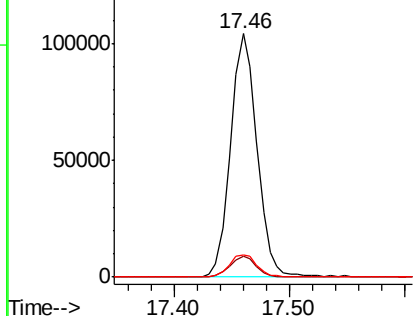
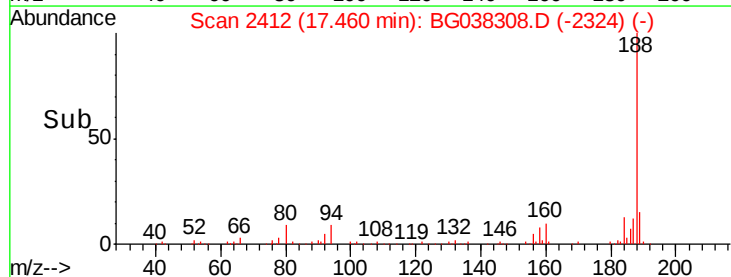


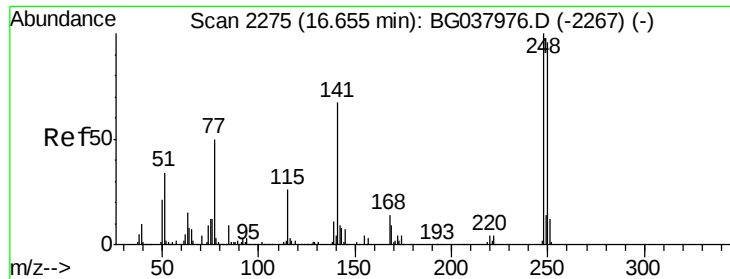
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038308.D
 Acq: 3 Dec 2018 20:20

Tgt Ion:	188	Resp:	165296
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	9.3	7.7	11.5



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

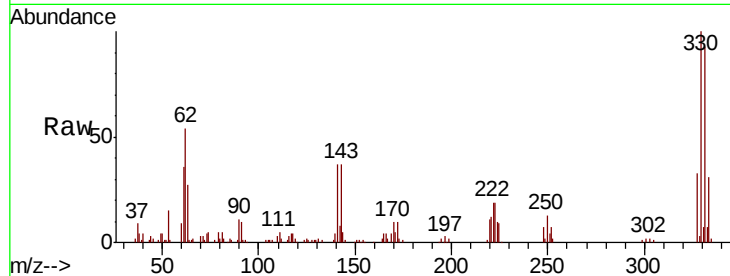




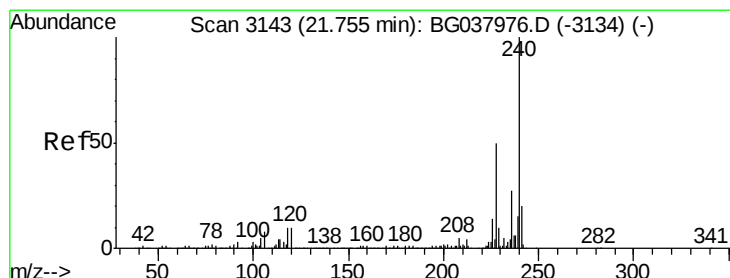
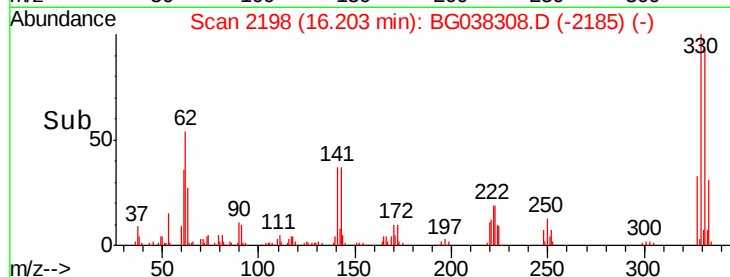
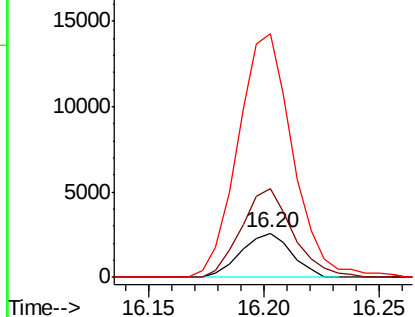
#67
 4-Bromophenyl-phenylether
 Concen: 2.155 ng
 RT: 16.20 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038308.D
 Acq: 3 Dec 2018 20:20

Instrument :
 BNA_G
 ClientSampleId :
 S1-0-0.5-BGS

Tgt Ion:248 Resp: 3909
 Ion Ratio Lower Upper
 248 100
 250 156.2 77.0 115.6#
 141 429.9 55.5 83.3#

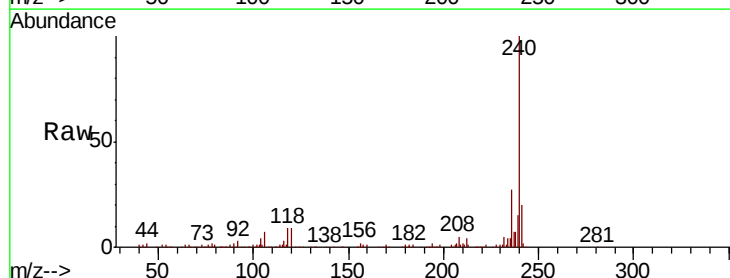


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

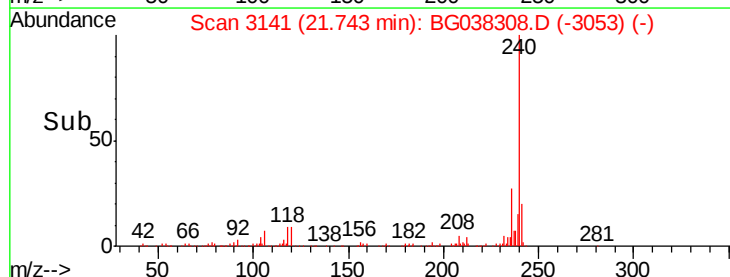
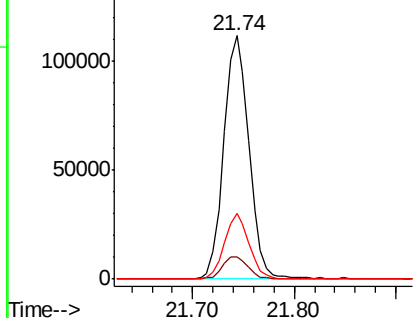


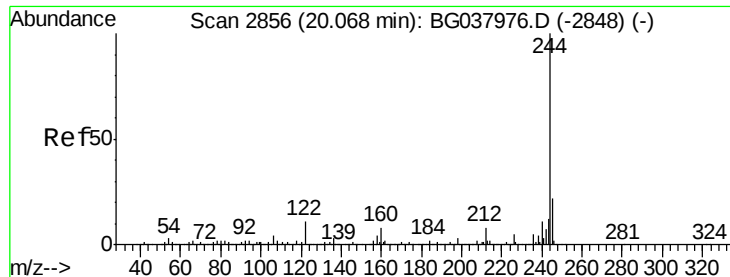
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.74 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG038308.D
 Acq: 3 Dec 2018 20:20

Tgt Ion:240 Resp: 191876
 Ion Ratio Lower Upper
 240 100
 120 8.9 8.1 12.1
 236 26.8 21.4 32.0



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: 60.477 ng

RT: 20.06 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

Instrument :

BNA_G

ClientSampleId :

S1-0-0.5-BGS

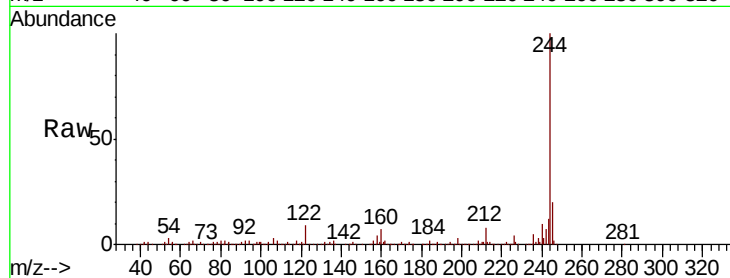
Tgt Ion:244 Resp: 493161

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

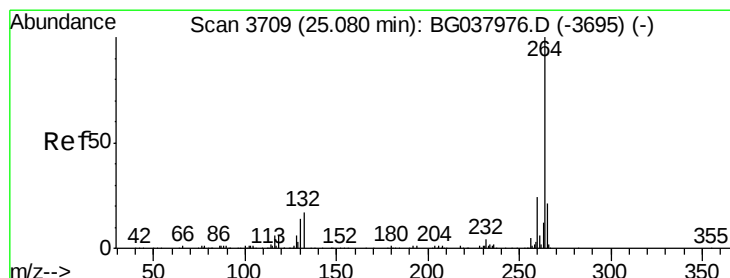
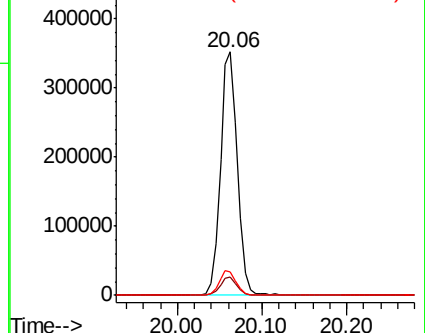
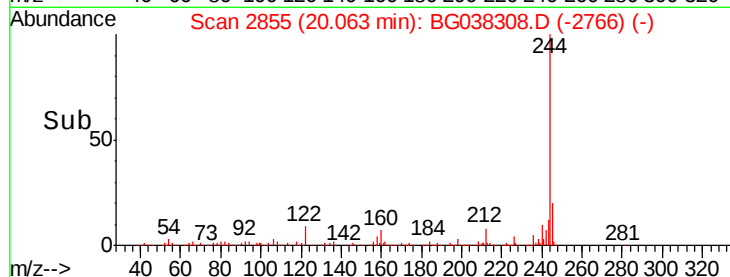
122 9.4 9.0 13.4



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: 25.06 min Scan# 3706

Delta R.T. -0.02 min

Lab File: BG038308.D

Acq: 3 Dec 2018 20:20

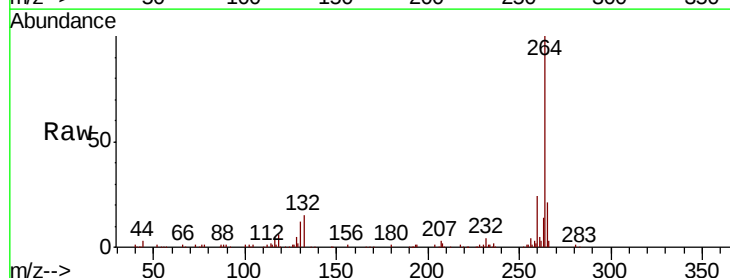
Tgt Ion:264 Resp: 198049

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 20.8 17.9 26.9



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

