

Data File : BG038243.D
Acq On : 29 Nov 2018 21:39
Operator : JU/SJ
Sample : J5767-24
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-02-112818-D

Quant Time: Nov 30 00:25:37 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

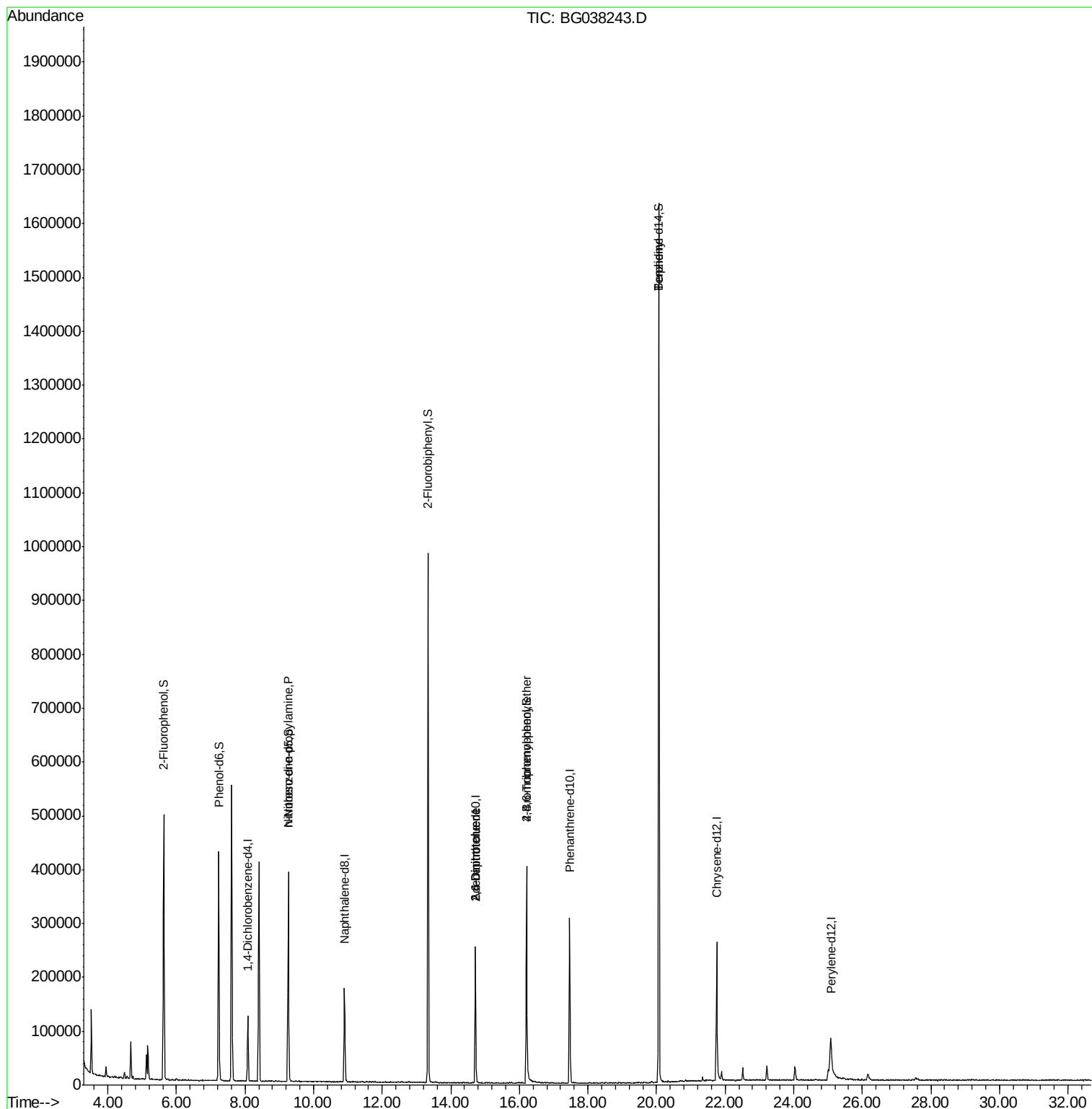
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	34229	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	147727	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	92057	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	201919	20.00	ng	0.00
76) Chrysene-d12	21.75	240	190367	20.00	ng	0.00
87) Perylene-d12	25.07	264	151086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	217880	109.90	ng	0.00
7) Phenol-d6	7.23	99	263628	93.16	ng	0.00
23) Nitrobenzene-d5	9.26	82	238210	86.32	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	81092	77.24	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	520688	82.40	ng	0.00
79) Terphenyl-d14	20.07	244	809053	100.00	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	29951	14.627	ng	# 77
51) 2,6-Dinitrotoluene	14.72	165	11856	7.178	ng	# 25
57) 2,4-Dinitrotoluene	14.72	165	11856	5.276	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	5445	2.457	ng	# 1
77) Benzidine	20.07	184	13614	2.038	ng	# 93

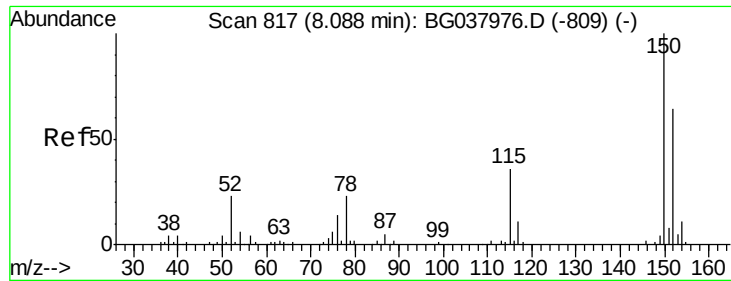
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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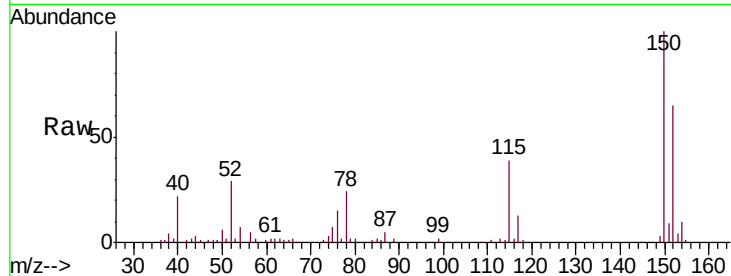


#1

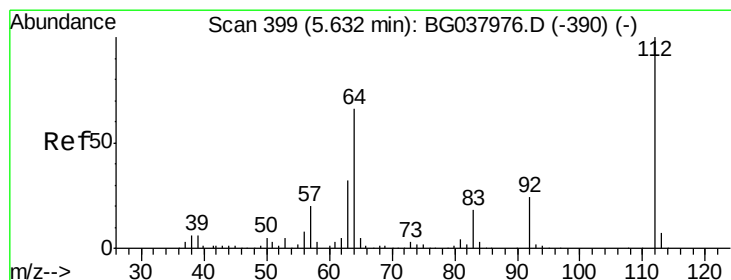
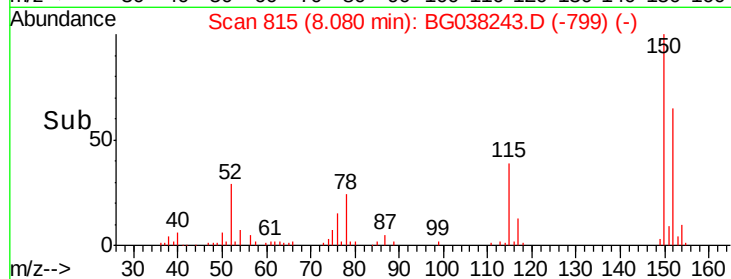
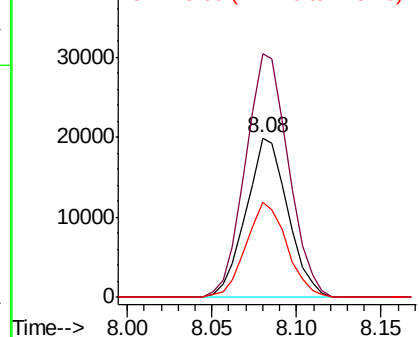
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG038243.D
Acq: 29 Nov 2018 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-112818-D

Tgt Ion:152 Resp: 34229
Ion Ratio Lower Upper
152 100
150 152.7 126.0 189.0
115 59.3 45.5 68.3



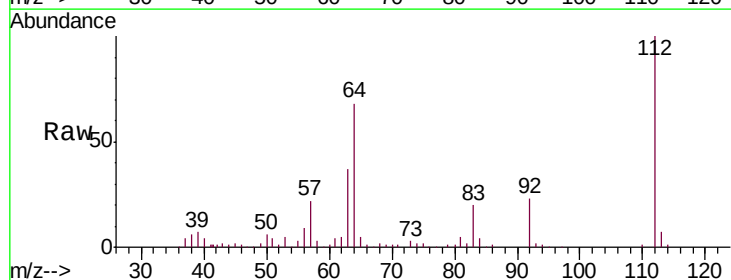
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



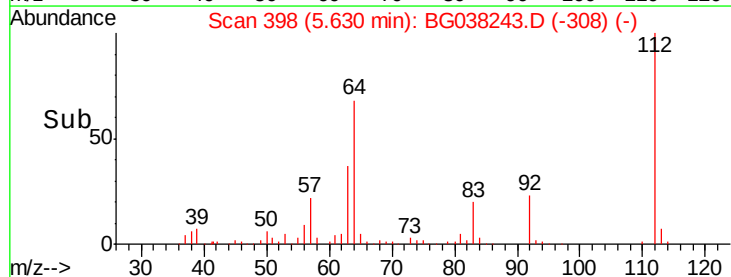
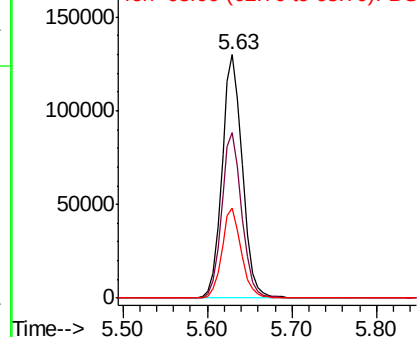
#5

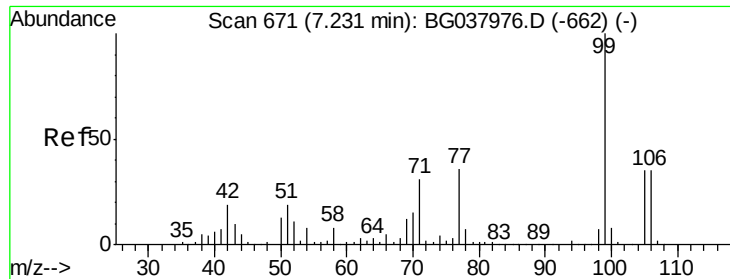
2-Fluorophenol
Concen: 109.902 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038243.D
Acq: 29 Nov 2018 21:39

Tgt Ion:112 Resp: 217880
Ion Ratio Lower Upper
112 100
64 68.2 53.1 79.7
63 36.8 27.3 40.9



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: 93.158 ng

RT: 7.23 min Scan# 670

Delta R.T. -0.00 min

Lab File: BG038243.D

Acq: 29 Nov 2018 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-D

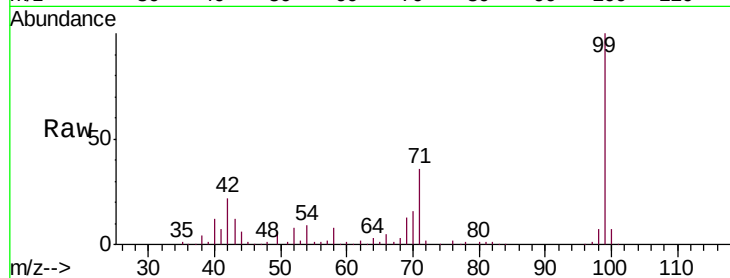
Tgt Ion: 99 Resp: 263628

Ion Ratio Lower Upper

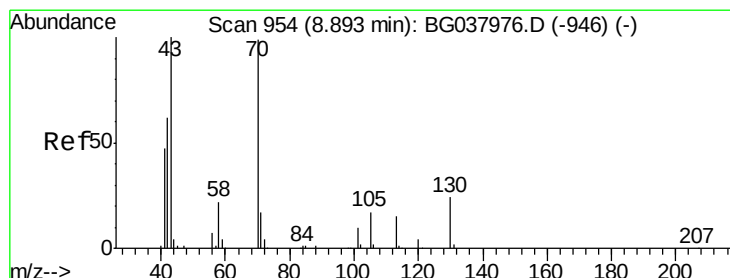
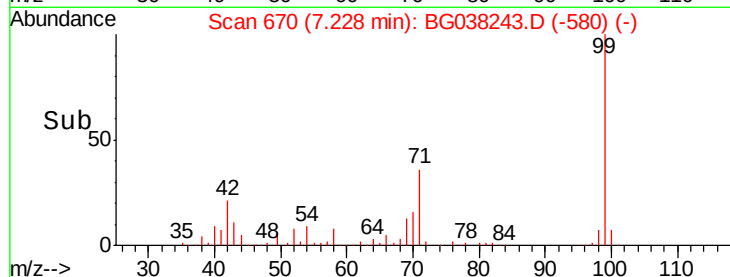
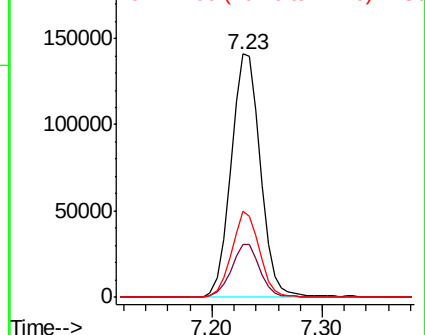
99 100

42 21.5 15.0 22.4

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.627 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038243.D

Acq: 29 Nov 2018 21:39

Tgt Ion: 70 Resp: 29951

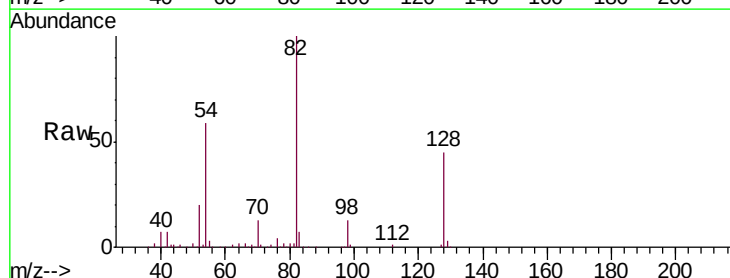
Ion Ratio Lower Upper

70 100

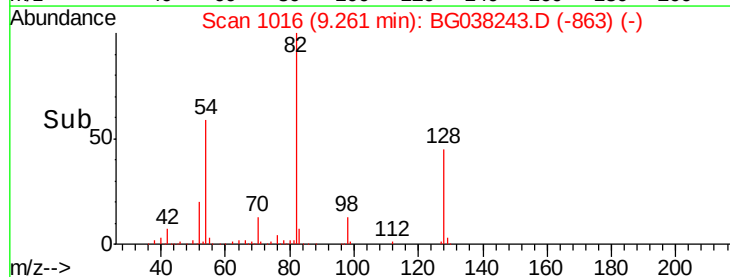
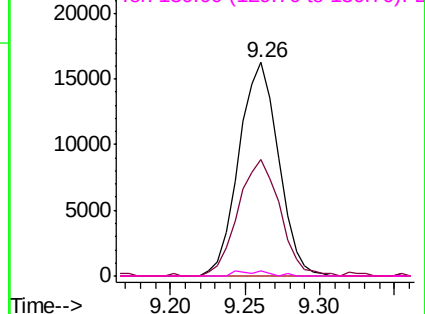
42 54.3 53.9 80.9

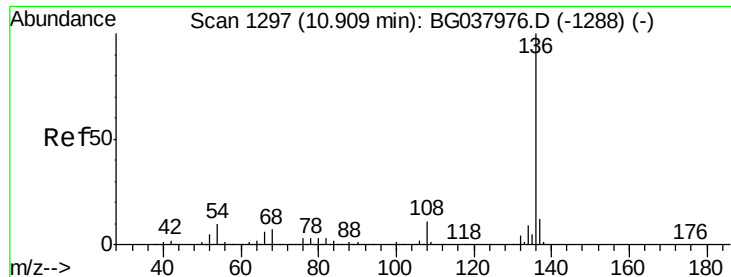
101 0.0 8.2 12.2#

130 2.6 18.2 27.4#



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

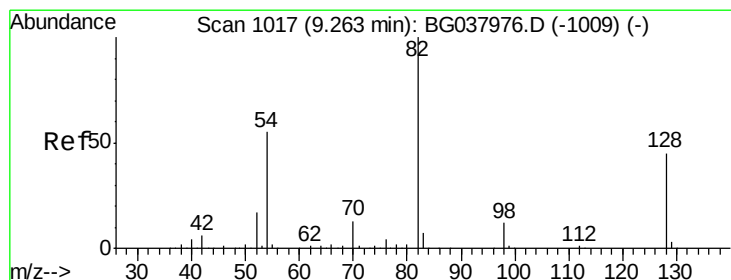
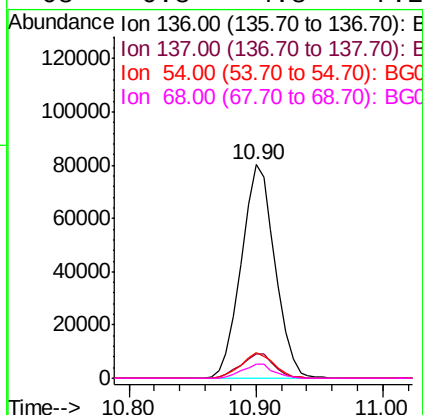
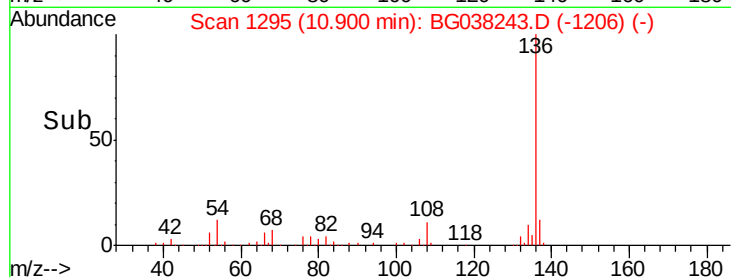
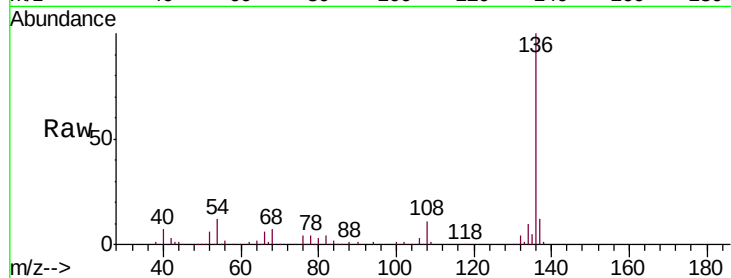




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BG038243.D
Acq: 29 Nov 2018 21:39

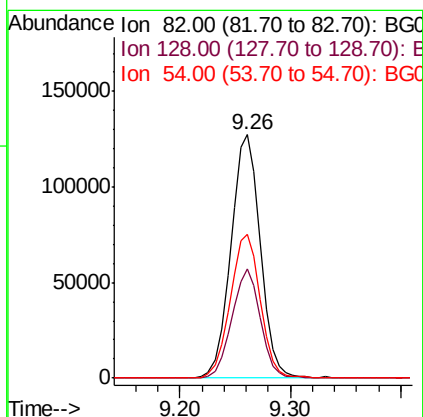
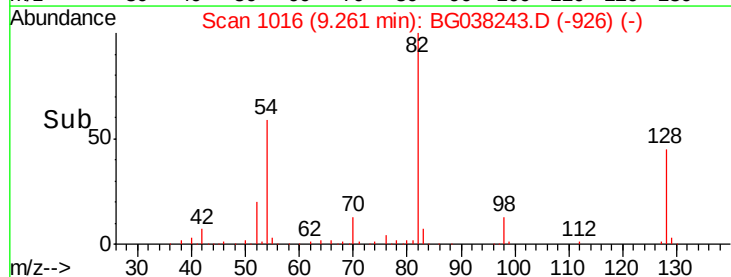
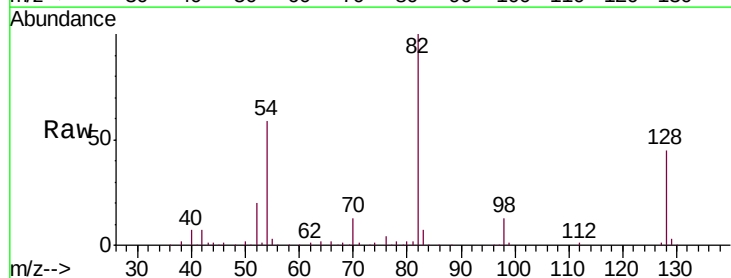
Instrument :
BNA_G
ClientSampleId :
CL-02-112818-D

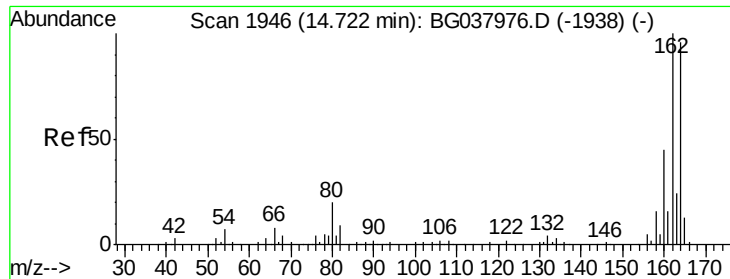
Tgt Ion:	136	Resp:	147727
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	12.1	7.9	11.9#
68	6.8	4.8	7.2



#23
Nitrobenzene-d5
Concen: 86.318 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038243.D
Acq: 29 Nov 2018 21:39

Tgt Ion:	82	Resp:	238210
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	59.1	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1944

Delta R.T. -0.01 min

Lab File: BG038243.D

Acq: 29 Nov 2018 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-D

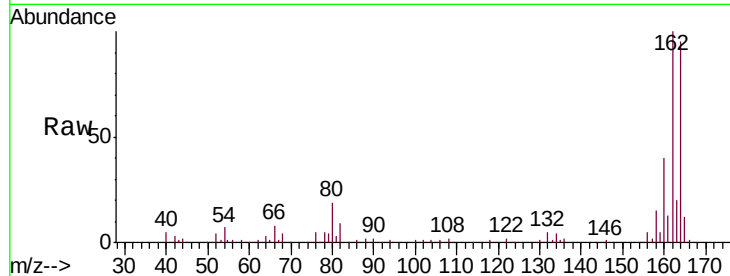
Tgt Ion:164 Resp: 92057

Ion Ratio Lower Upper

164 100

162 105.0 81.3 121.9

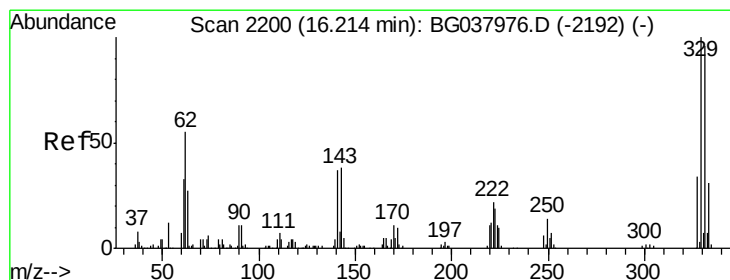
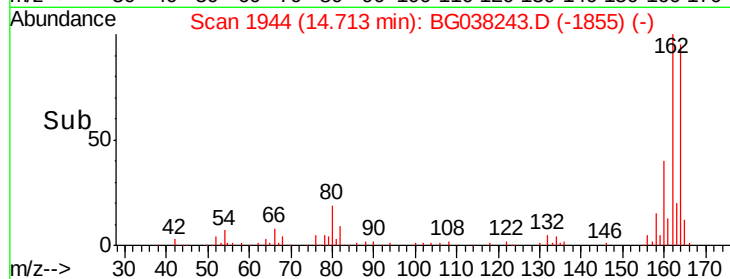
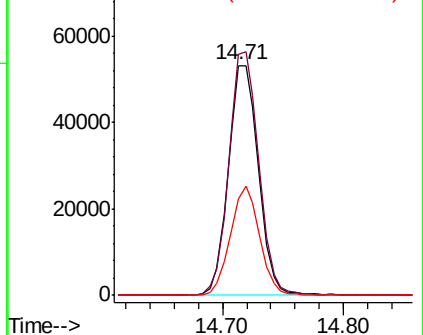
160 41.8 36.3 54.5



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: 77.239 ng

RT: 16.21 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG038243.D

Acq: 29 Nov 2018 21:39

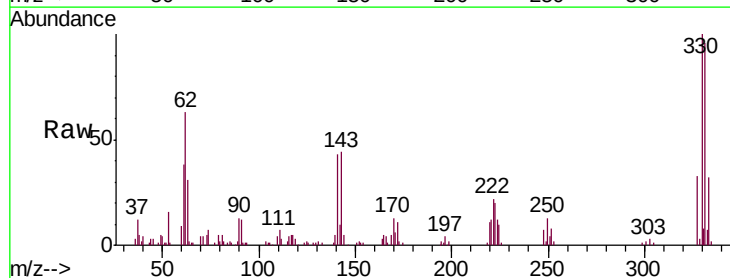
Tgt Ion:330 Resp: 81092

Ion Ratio Lower Upper

330 100

332 98.8 78.4 117.6

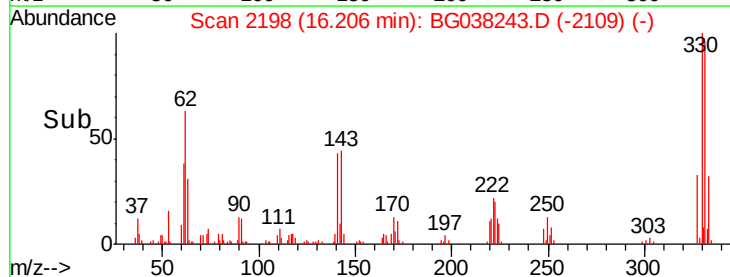
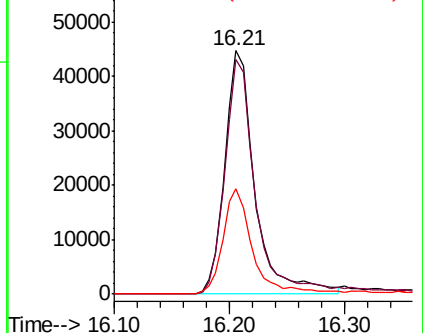
141 42.6 32.2 48.2

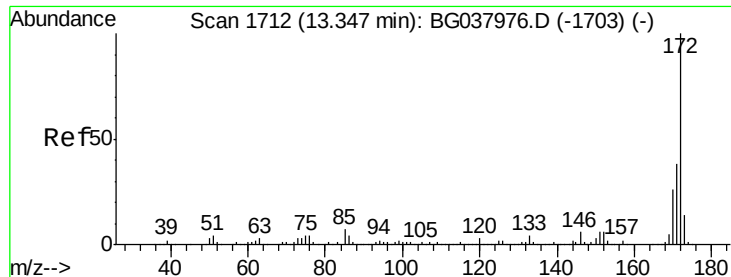


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

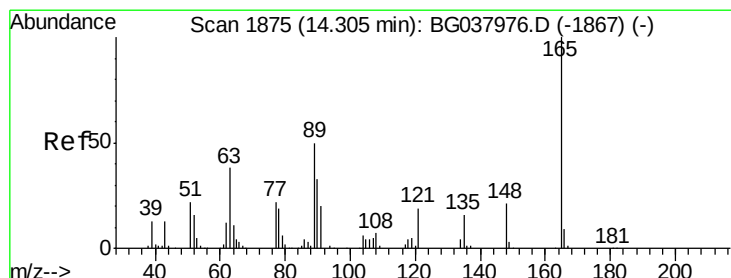
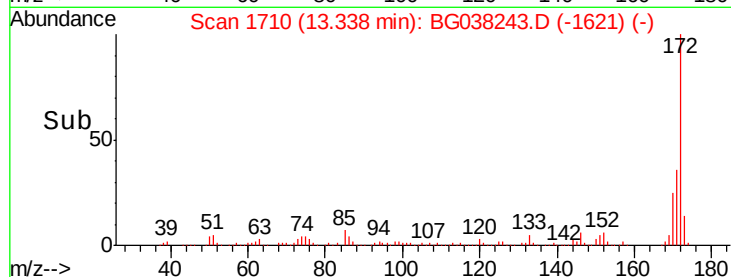
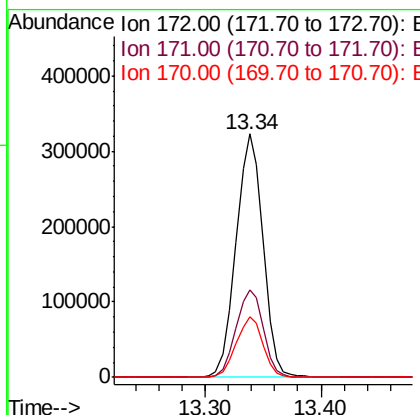
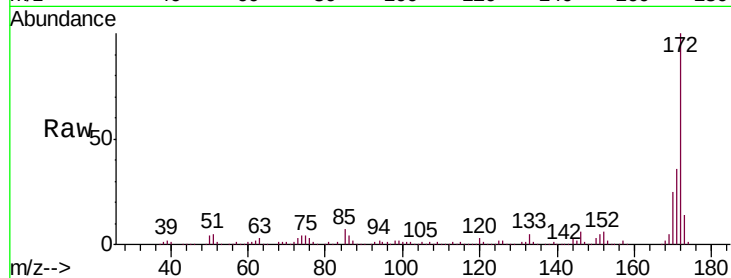




#45
 2-Fluorobiphenyl
 Concen: 82.402 ng
 RT: 13.34 min Scan# 1710
 Delta R.T. -0.01 min
 Lab File: BG038243.D
 Acq: 29 Nov 2018 21:39

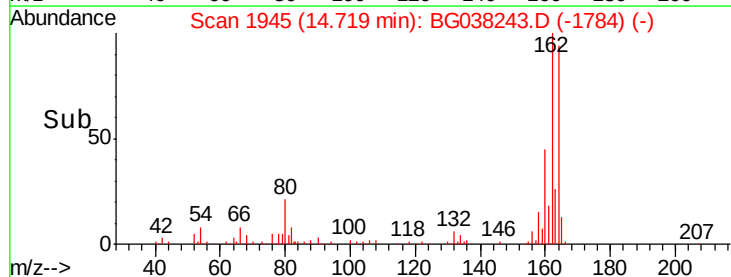
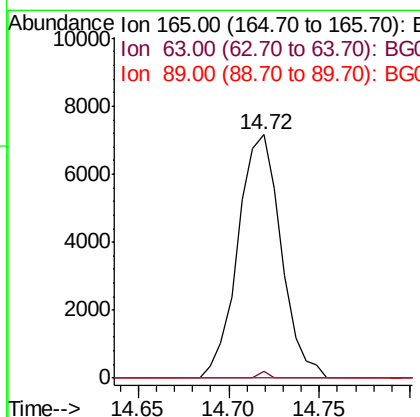
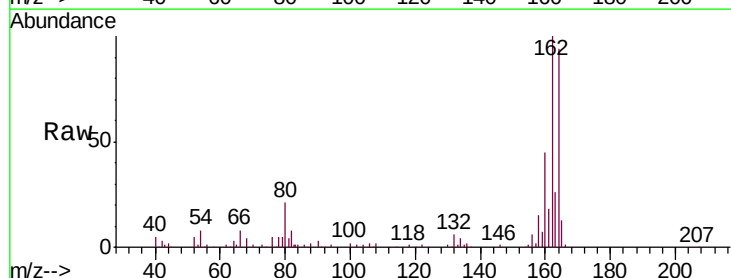
Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-D

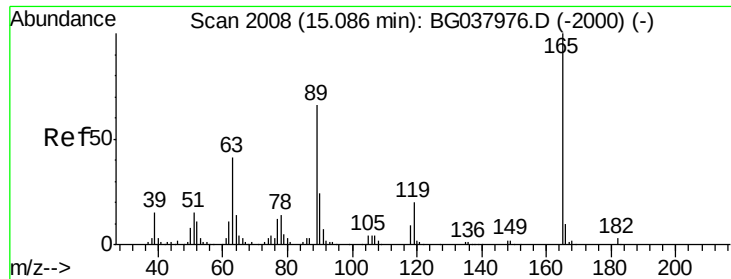
Tgt Ion:172 Resp: 520688
 Ion Ratio Lower Upper
 172 100
 171 36.1 31.0 46.4
 170 24.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.178 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038243.D
 Acq: 29 Nov 2018 21:39

Tgt Ion:165 Resp: 11856
 Ion Ratio Lower Upper
 165 100
 63 3.0 43.4 65.2#
 89 0.0 45.8 68.6#

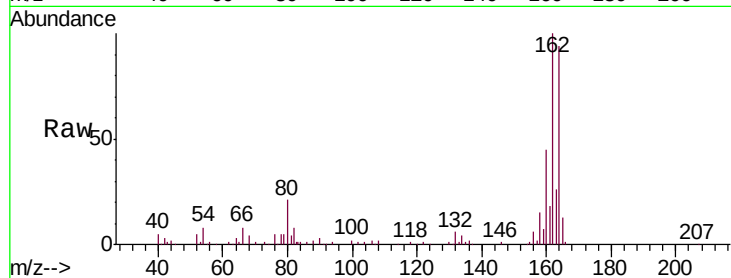




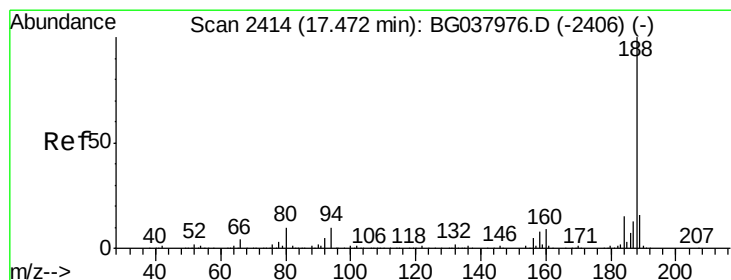
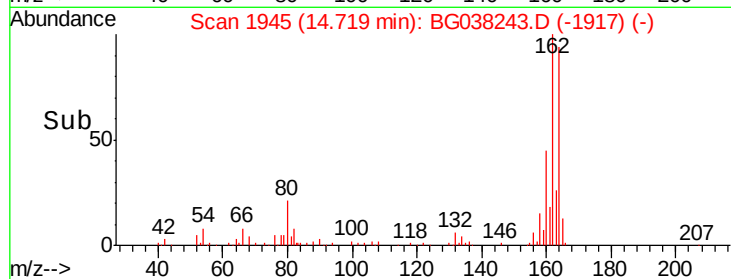
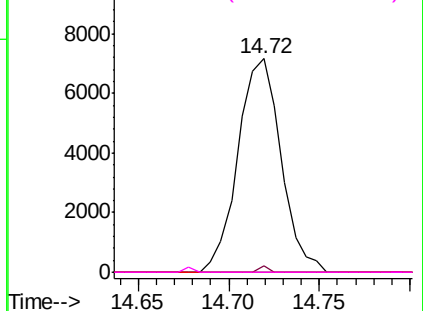
#57
 2,4-Dinitrotoluene
 Concen: 5.276 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038243.D
 Acq: 29 Nov 2018 21:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-D

Tgt Ion:	165	Resp:	11856
Ion	Ratio	Lower	Upper
165	100		
63	3.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#

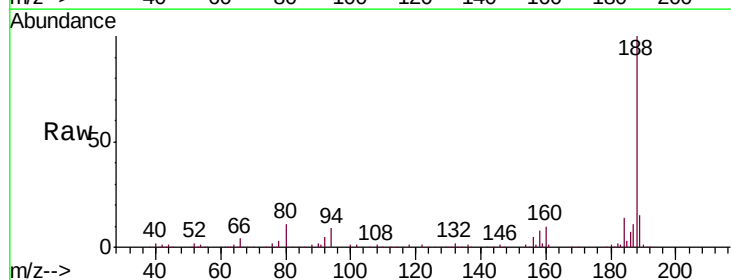


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

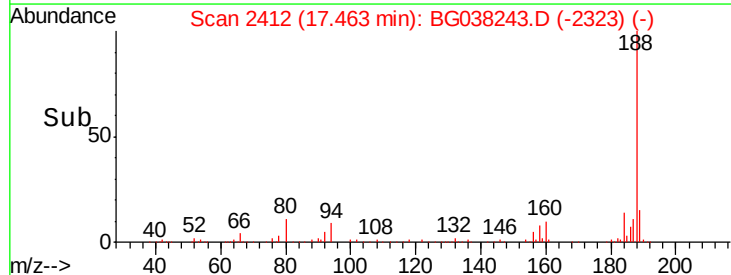
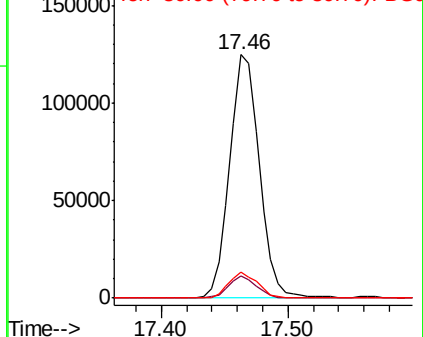


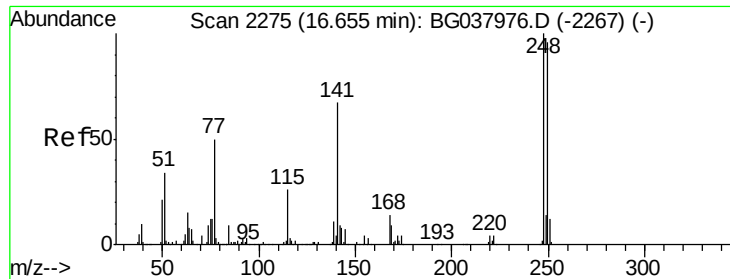
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG038243.D
 Acq: 29 Nov 2018 21:39

Tgt Ion:	188	Resp:	201919
Ion	Ratio	Lower	Upper
188	100		
94	9.1	7.2	10.8
80	10.6	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

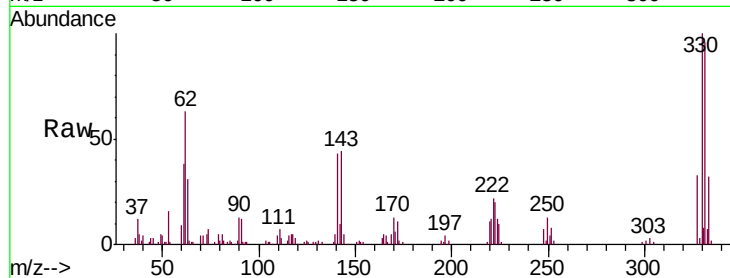




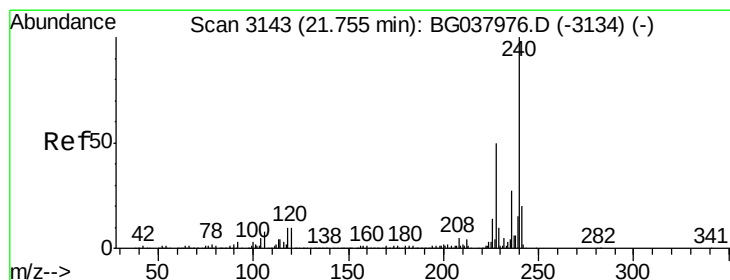
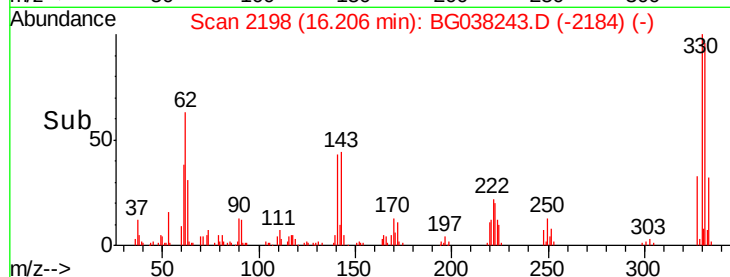
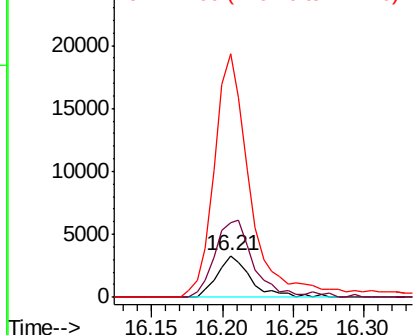
#67
 4-Bromophenyl-phenylether
 Concen: 2.457 ng
 RT: 16.21 min Scan# 2198
 Delta R.T. -0.45 min
 Lab File: BG038243.D
 Acq: 29 Nov 2018 21:39

Instrument :
 BNA_G
 ClientSampleId :
 CL-02-112818-D

Tgt Ion:248 Resp: 5445
 Ion Ratio Lower Upper
 248 100
 250 190.4 77.0 115.6#
 141 474.2 55.5 83.3#

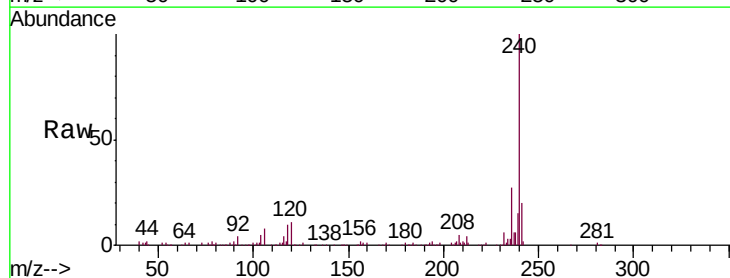


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

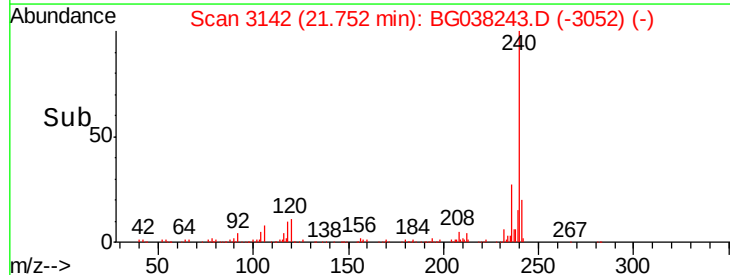
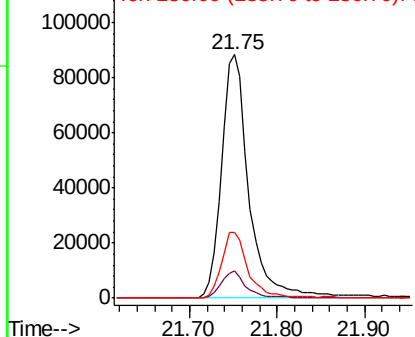


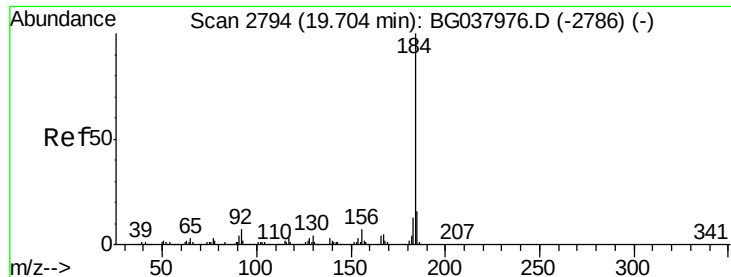
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038243.D
 Acq: 29 Nov 2018 21:39

Tgt Ion:240 Resp: 190367
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.1 12.1
 236 27.1 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





#77

Benzidine

Concen: 2.038 ng

RT: 20.07 min Scan# 2855

Delta R.T. 0.36 min

Lab File: BG038243.D

Acq: 29 Nov 2018 21:39

Instrument :

BNA_G

ClientSampleId :

CL-02-112818-D

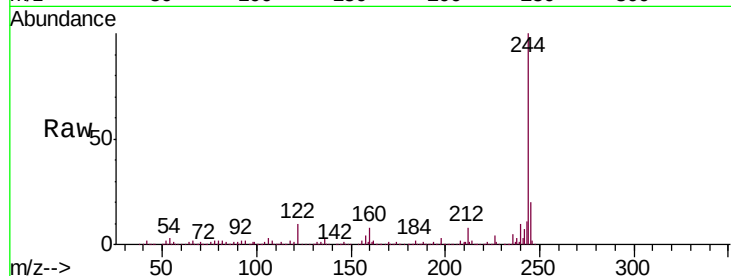
Tgt Ion:184 Resp: 13614

Ion Ratio Lower Upper

184 100

185 16.5 12.6 18.8

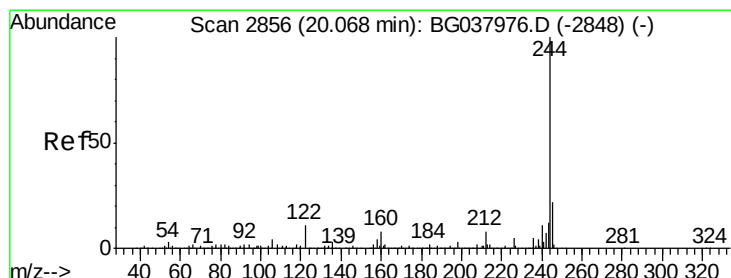
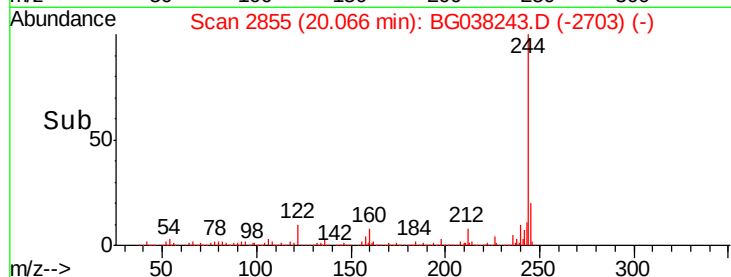
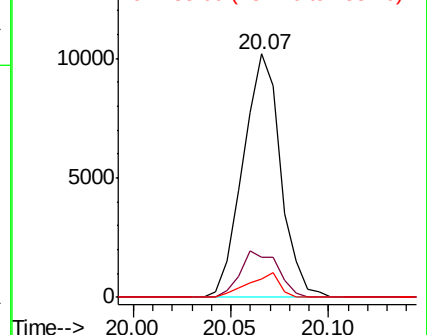
183 7.5 10.2 15.2#



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: 100.002 ng

RT: 20.07 min Scan# 2855

Delta R.T. -0.00 min

Lab File: BG038243.D

Acq: 29 Nov 2018 21:39

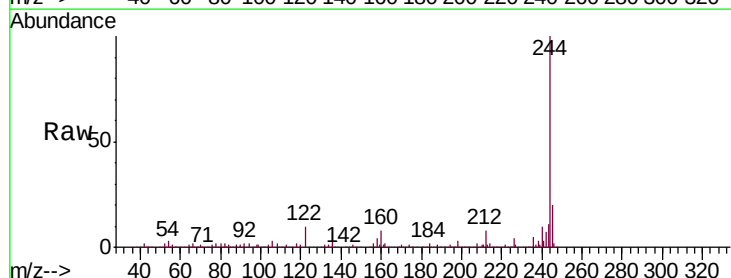
Tgt Ion:244 Resp: 809053

Ion Ratio Lower Upper

244 100

212 8.2 6.5 9.7

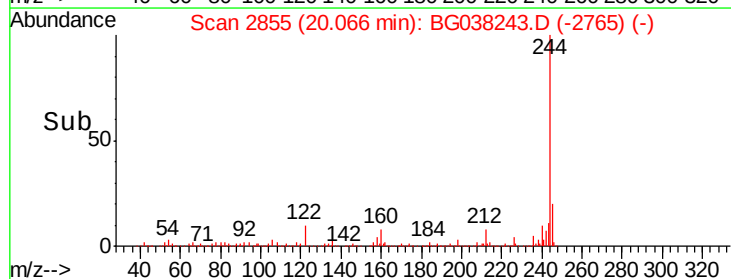
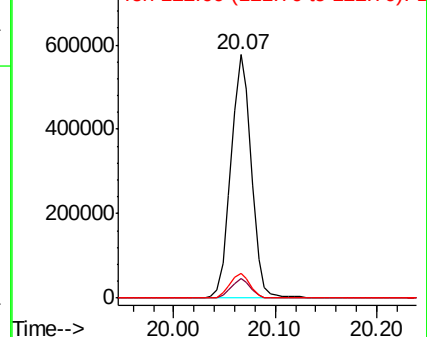
122 10.2 9.0 13.4

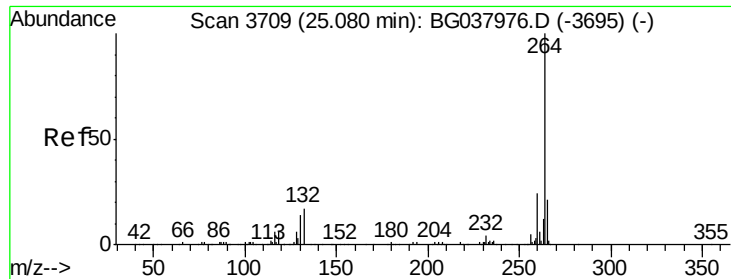


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3707
Delta R.T. -0.01 min
Lab File: BG038243.D
Acq: 29 Nov 2018 21:39

Instrument :
BNA_G
ClientSampleId :
CL-02-112818-D

Tgt Ion:	264	Resp:	151086
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.4
265	21.2	17.9	26.9

