

Data File : BG038244.D
Acq On : 29 Nov 2018 22:18
Operator : JU/SJ
Sample : J5768-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-112818

Quant Time: Nov 30 00:25:49 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

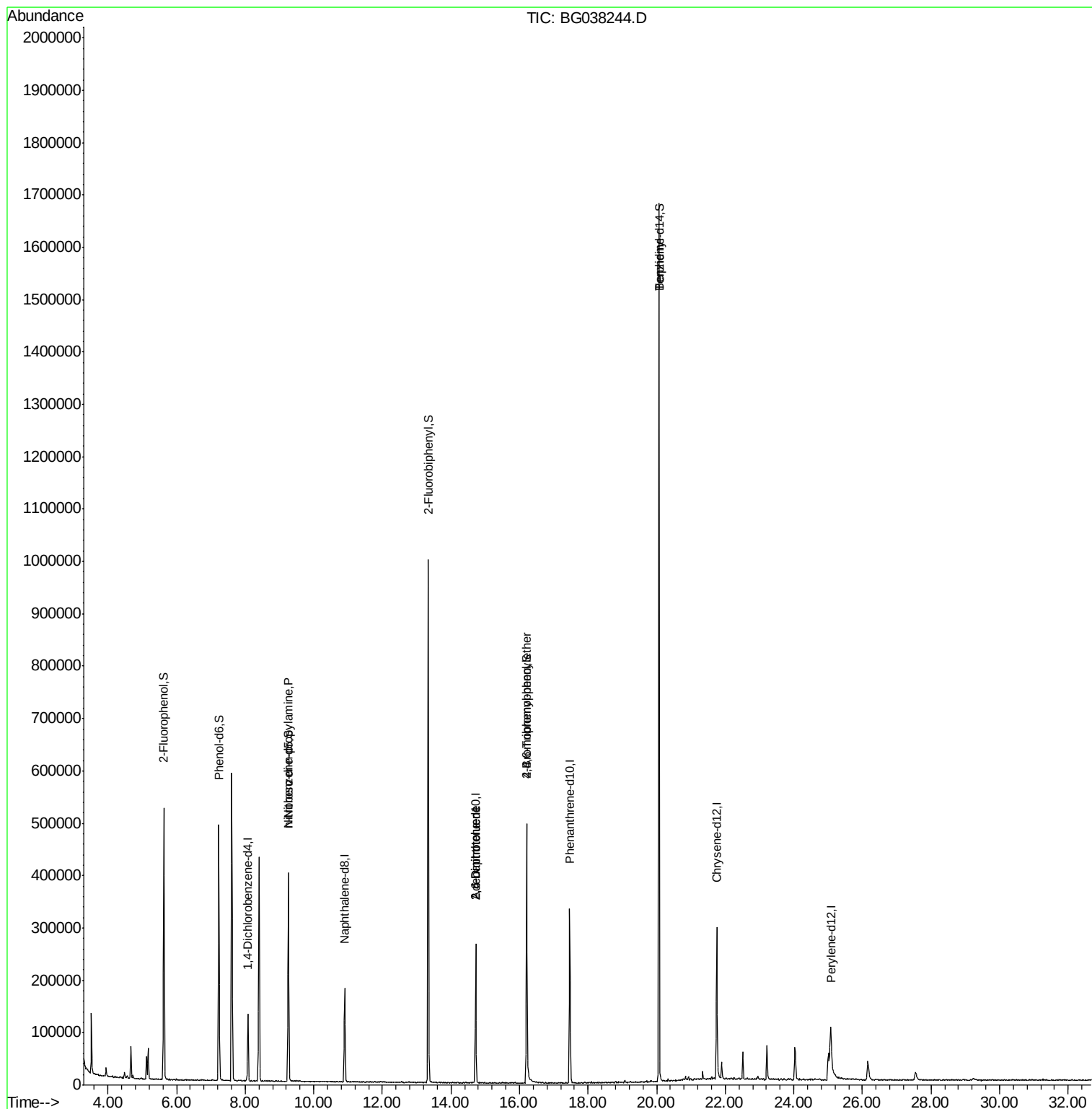
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36501	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157979	20.00	ng	0.00
39) Acenaphthene-d10	14.71	164	96707	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	211611	20.00	ng	0.00
76) Chrysene-d12	21.75	240	199411	20.00	ng	0.00
87) Perylene-d12	25.07	264	165932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	232956	110.19	ng	0.00
7) Phenol-d6	7.23	99	291197	96.50	ng	0.00
23) Nitrobenzene-d5	9.26	82	252661	85.61	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	102090	92.56	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	547300	82.45	ng	0.00
79) Terphenyl-d14	20.07	244	828228	97.73	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	31947	14.631	ng	# 76
51) 2,6-Dinitrotoluene	14.71	165	12561	7.239	ng	# 25
57) 2,4-Dinitrotoluene	14.71	165	12561	5.321	ng	# 25
67) 4-Bromophenyl-phenylether	16.21	248	6925	2.982	ng	# 1
77) Benzidine	20.07	184	14926	2.133	ng	# 92

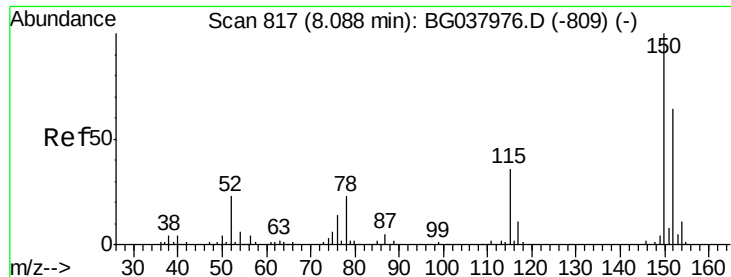
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.01 min

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OK-01-112818

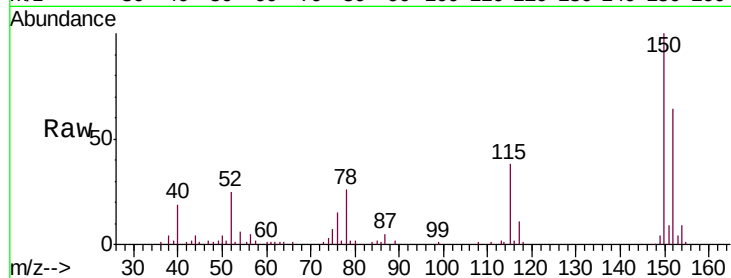
Tgt Ion:152 Resp: 36501

Ion Ratio Lower Upper

152 100

150 155.4 126.0 189.0

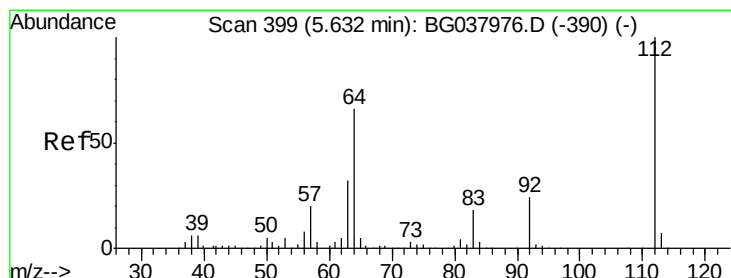
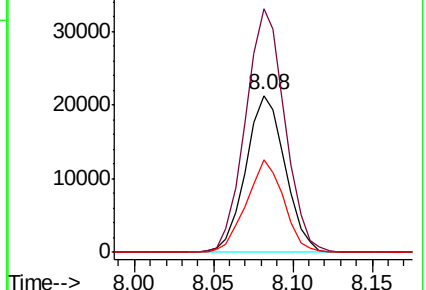
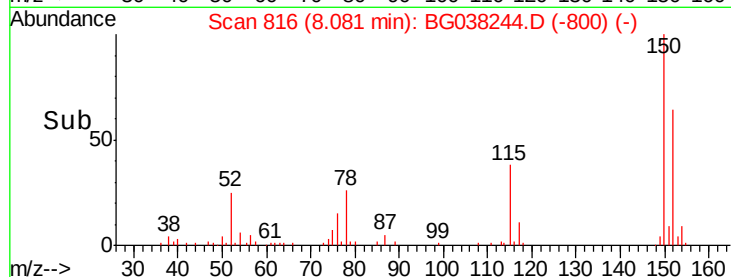
115 59.3 45.5 68.3



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: 110.193 ng

RT: 5.63 min Scan# 399

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

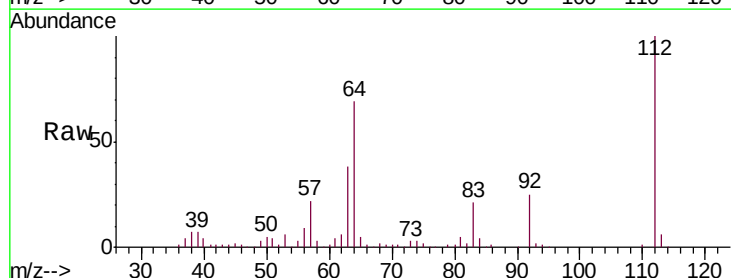
Tgt Ion:112 Resp: 232956

Ion Ratio Lower Upper

112 100

64 69.1 53.1 79.7

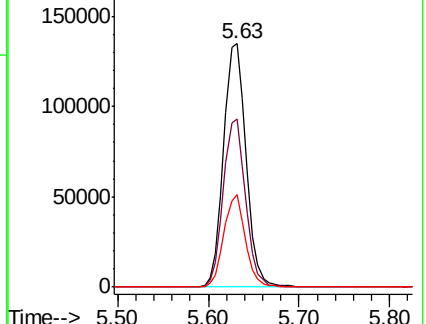
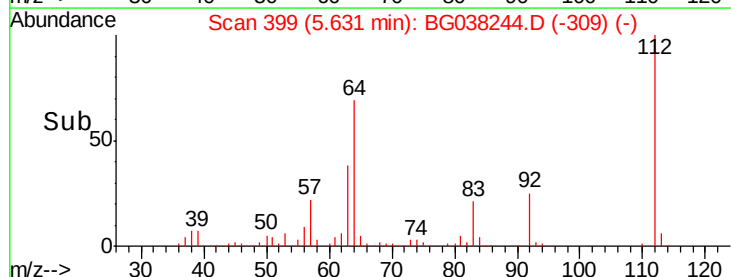
63 37.9 27.3 40.9

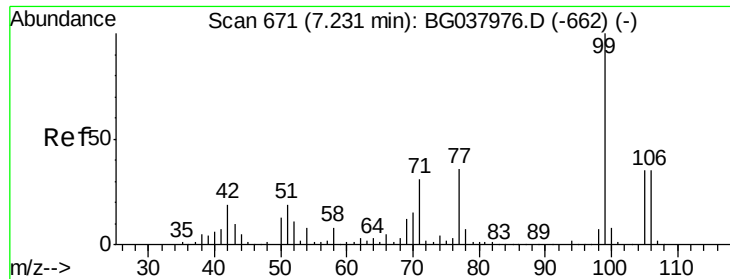


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 96.496 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

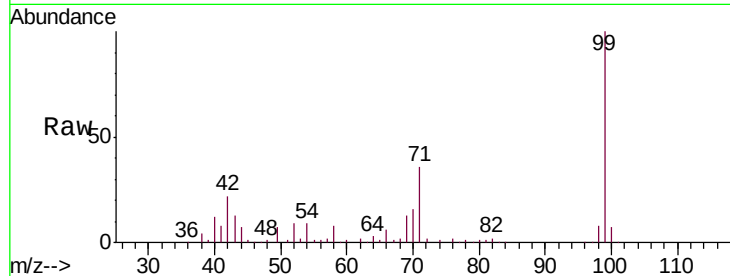
Tgt Ion: 99 Resp: 291197

Ion Ratio Lower Upper

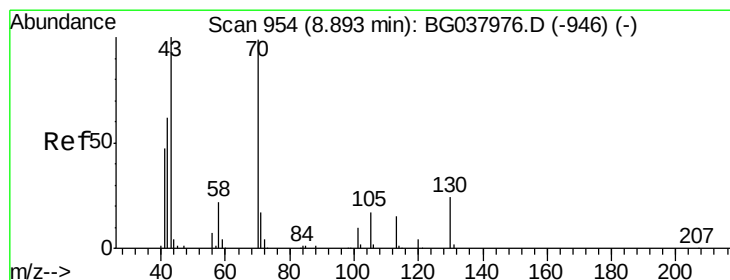
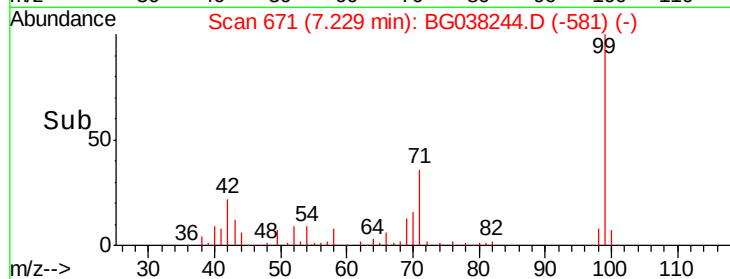
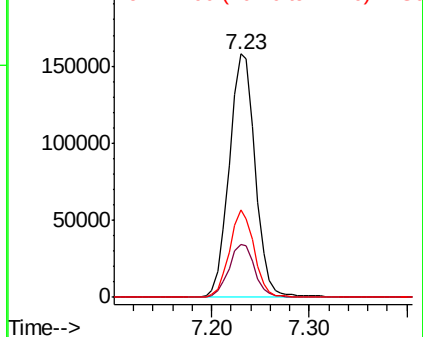
99 100

42 21.7 15.0 22.4

71 35.9 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: 14.631 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.36 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Tgt Ion: 70 Resp: 31947

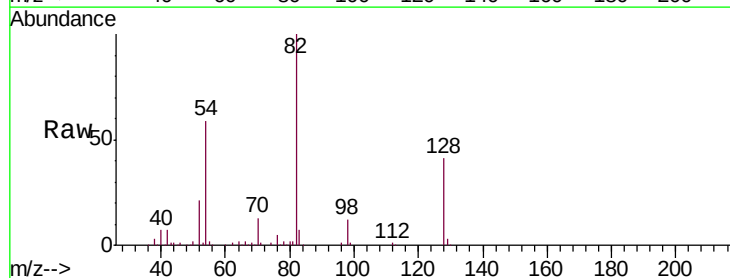
Ion Ratio Lower Upper

70 100

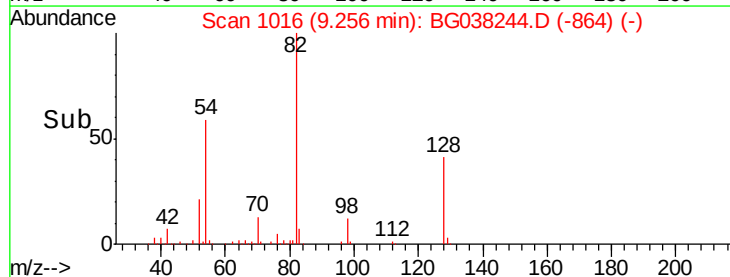
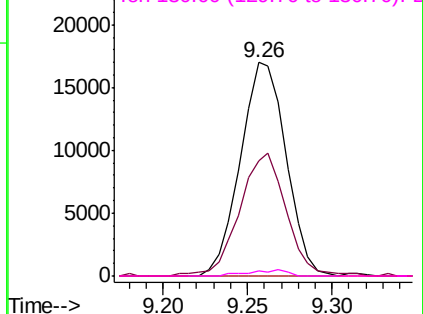
42 54.0 53.9 80.9

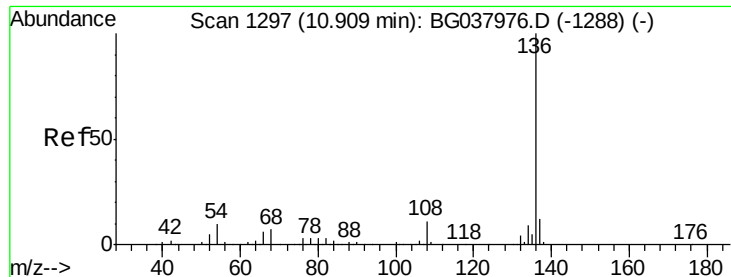
101 0.0 8.2 12.2#

130 2.3 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

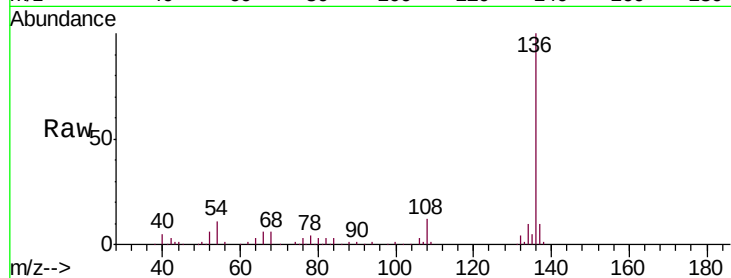




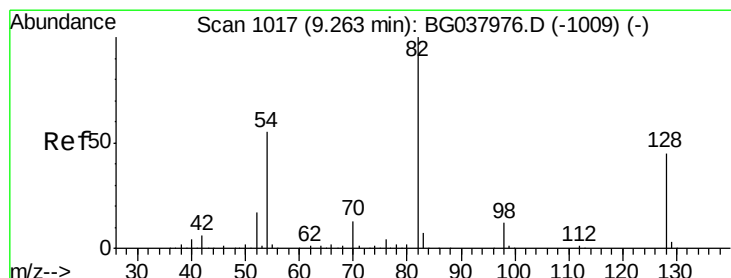
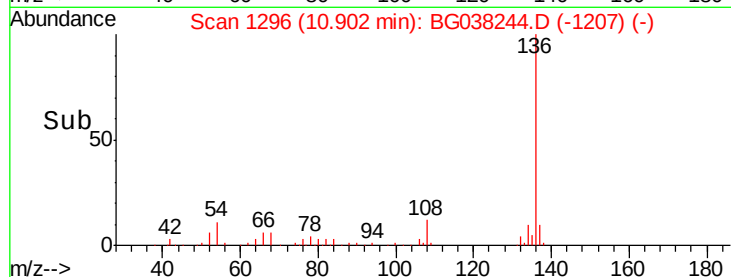
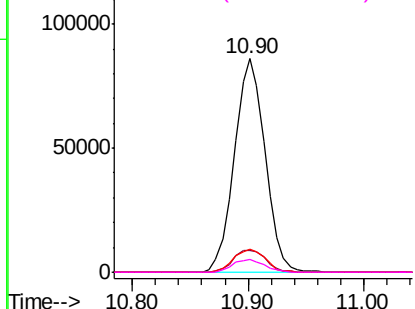
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038244.D
Acq: 29 Nov 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-112818

Tgt Ion:	136	Resp:	157979
Ion	Ratio	Lower	Upper
136	100		
137	10.2	9.6	14.4
54	10.8	7.9	11.9
68	6.1	4.8	7.2

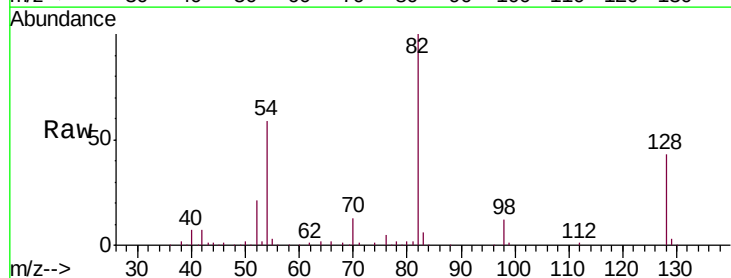


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

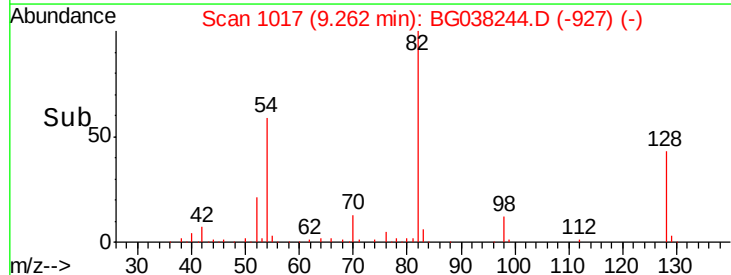
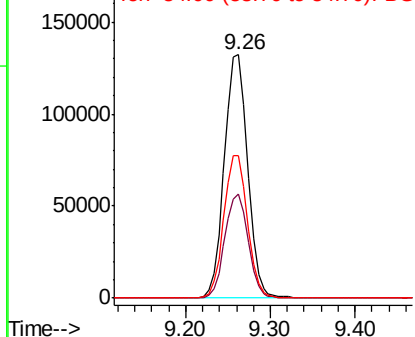


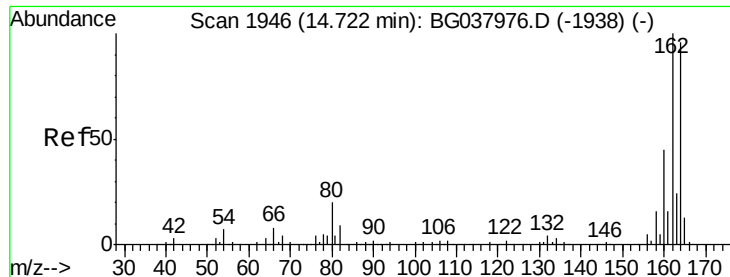
#23
Nitrobenzene-d5
Concen: 85.613 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038244.D
Acq: 29 Nov 2018 22:18

Tgt Ion:	82	Resp:	252661
Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	58.7	45.3	67.9



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.71 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

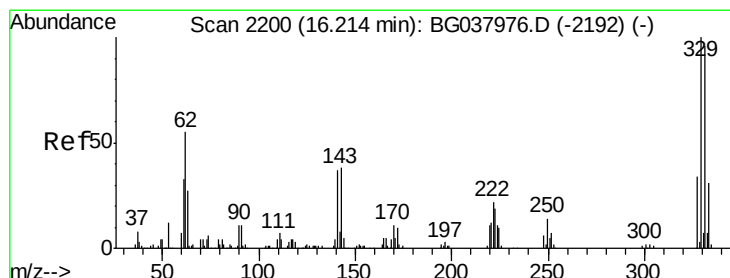
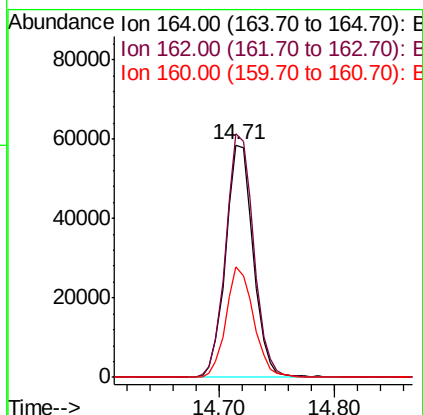
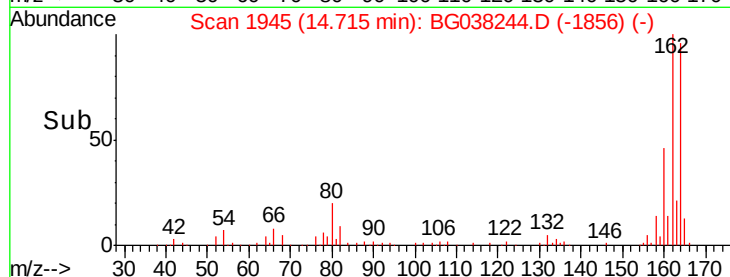
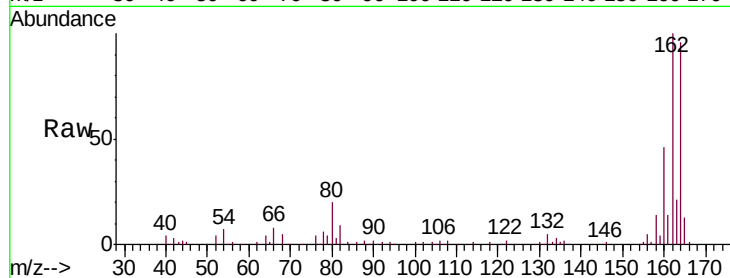
Tgt Ion:164 Resp: 96707

Ion Ratio Lower Upper

164 100

162 104.7 81.3 121.9

160 47.7 36.3 54.5



#42

2,4,6-Tribromophenol

Concen: 92.563 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

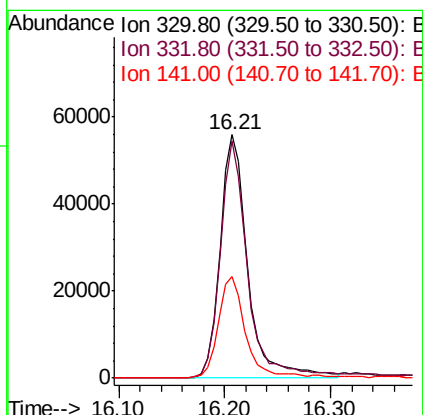
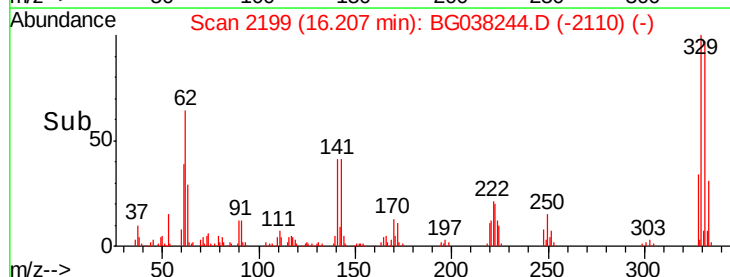
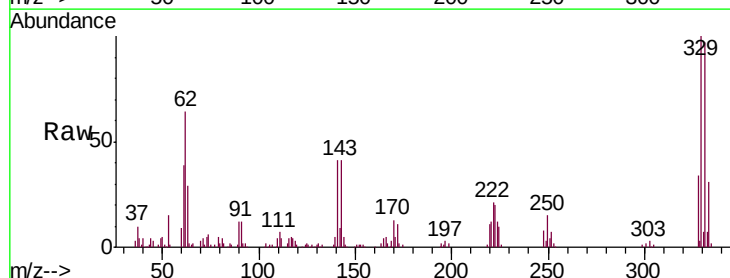
Tgt Ion:330 Resp: 102090

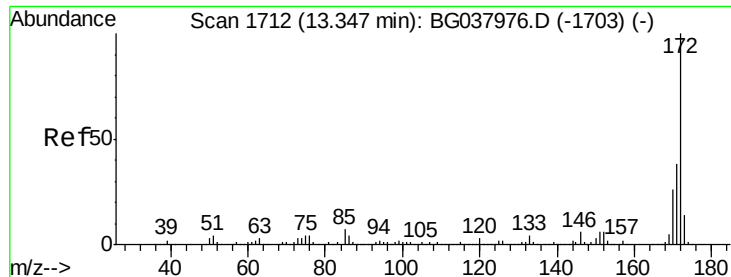
Ion Ratio Lower Upper

330 100

332 96.0 78.4 117.6

141 42.5 32.2 48.2

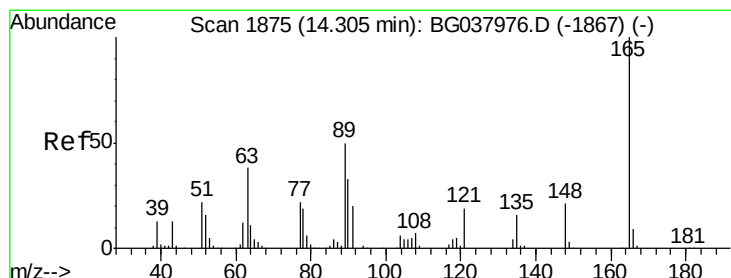
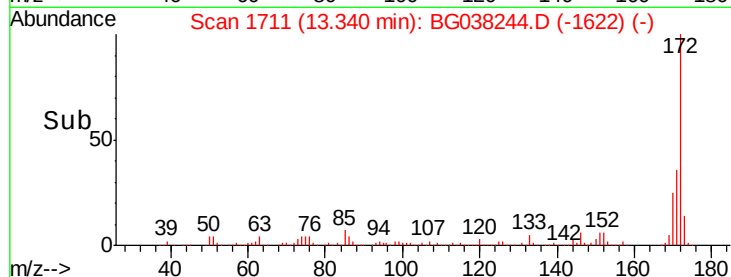
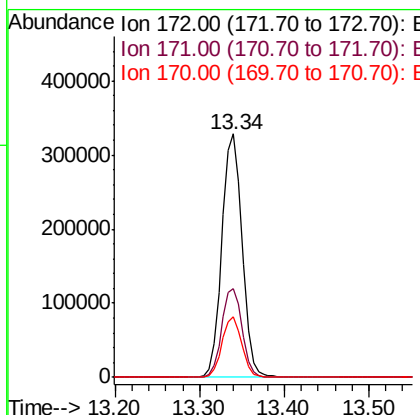
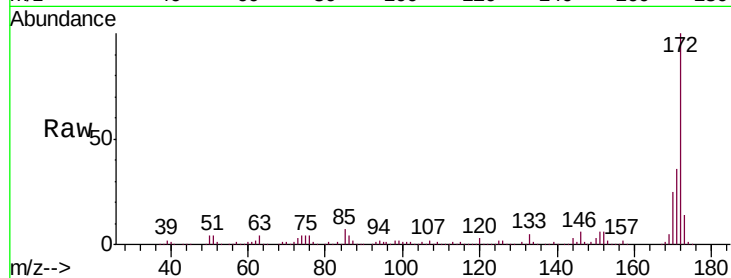




#45
 2-Fluorobiphenyl
 Concen: 82.448 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

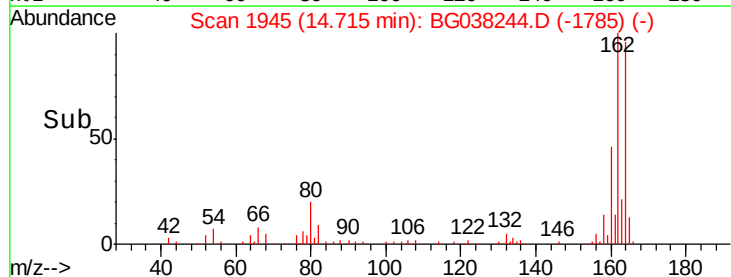
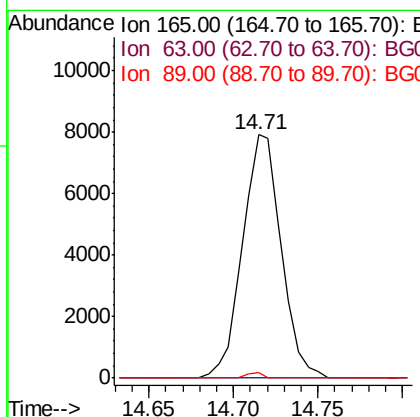
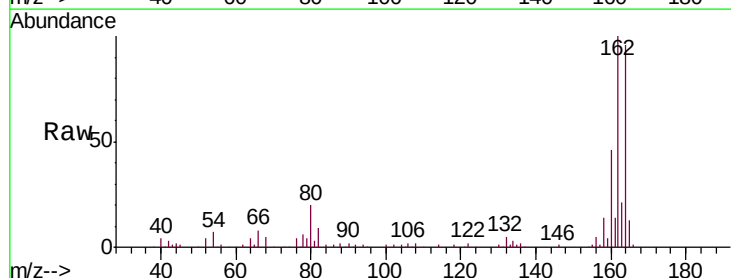
Instrument :
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 OK-01-112818

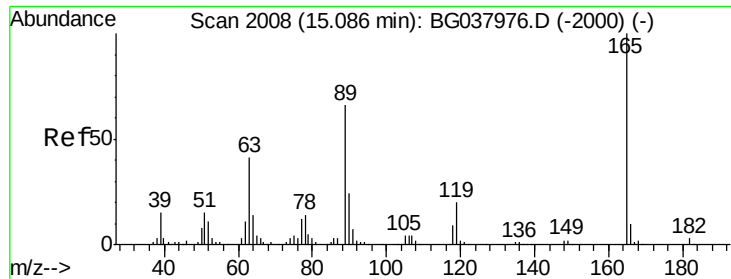
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	31.0	46.4
170	24.8	20.2	30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.239 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	2.2	45.8	68.6#

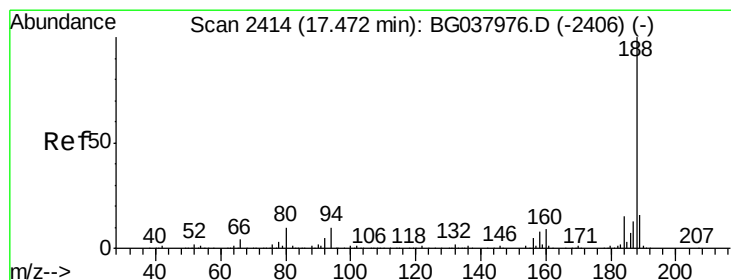
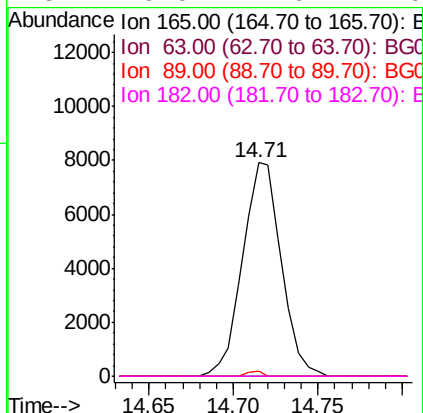
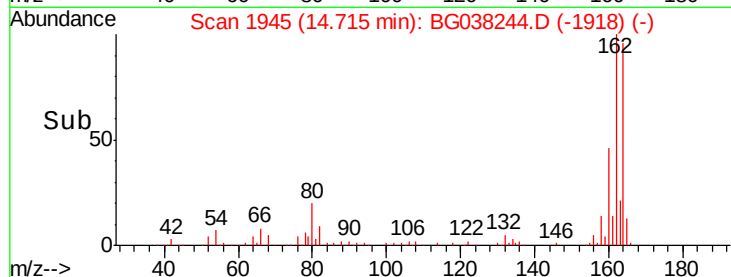
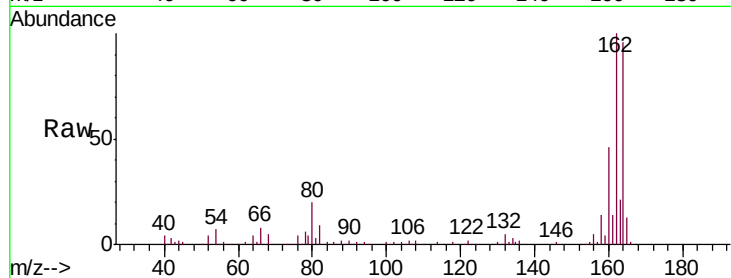




#57
 2,4-Dinitrotoluene
 Concen: 5.321 ng
 RT: 14.71 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

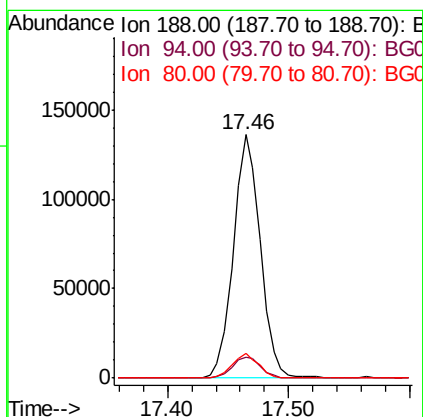
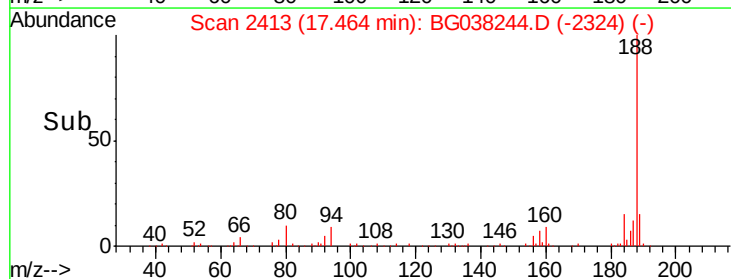
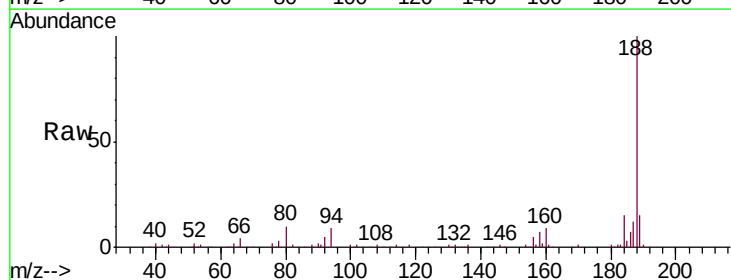
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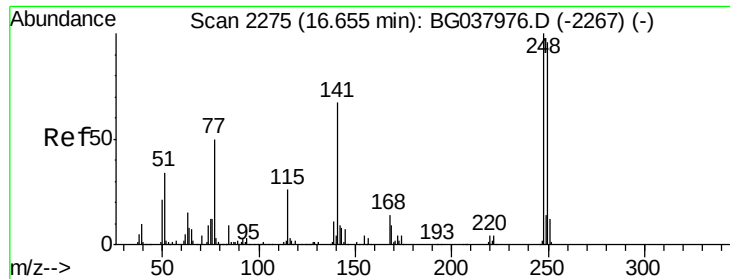
Tgt Ion:	165	Resp:	12561
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	2.2	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

Tgt Ion:	188	Resp:	211611
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	10.0	7.7	11.5

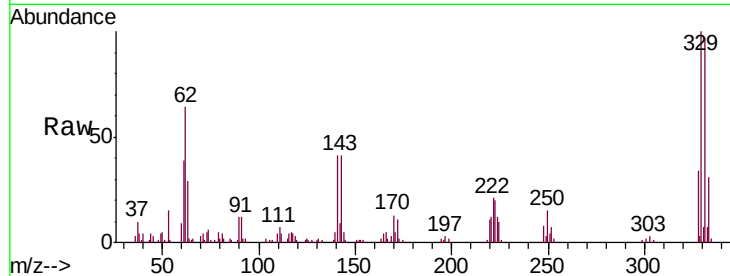




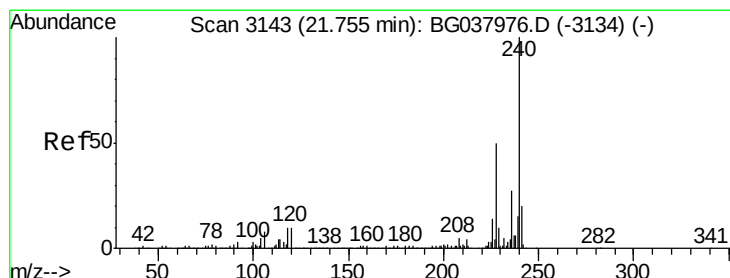
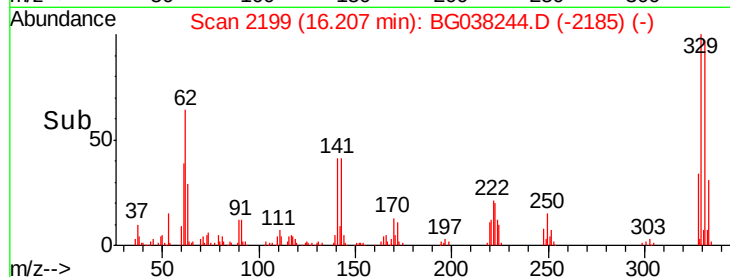
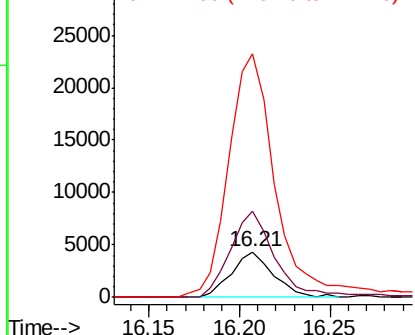
#67
 4-Bromophenyl-phenylether
 Concen: 2.982 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-112818

Tgt Ion:248 Resp: 6925
 Ion Ratio Lower Upper
 248 100
 250 180.4 77.0 115.6#
 141 402.6 55.5 83.3#

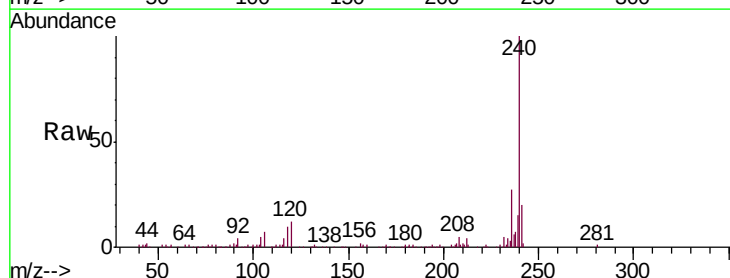


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

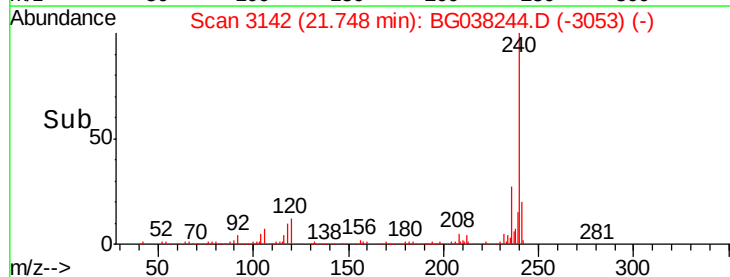
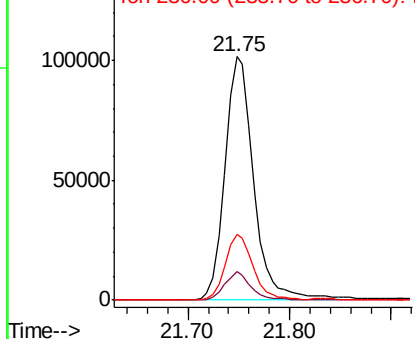


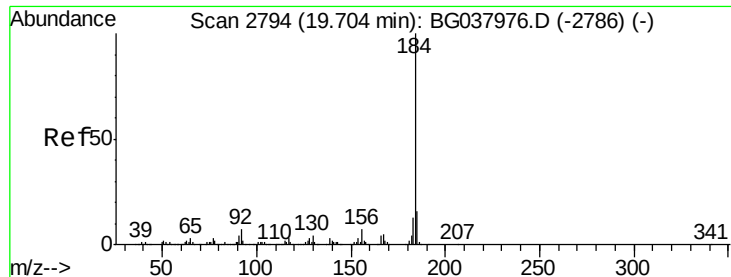
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038244.D
 Acq: 29 Nov 2018 22:18

Tgt Ion:240 Resp: 199411
 Ion Ratio Lower Upper
 240 100
 120 11.5 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: 2.133 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

Instrument :

BNA_G

ClientSampleId :

OK-01-112818

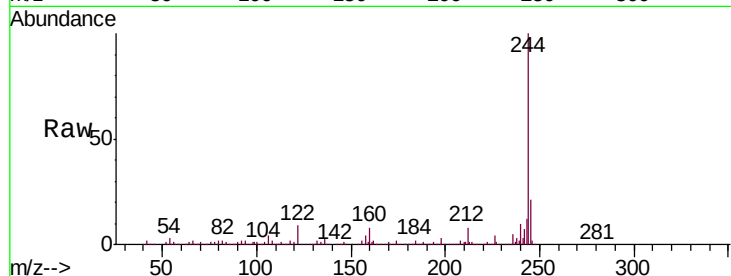
Tgt Ion:184 Resp: 14926

Ion Ratio Lower Upper

184 100

185 17.3 12.6 18.8

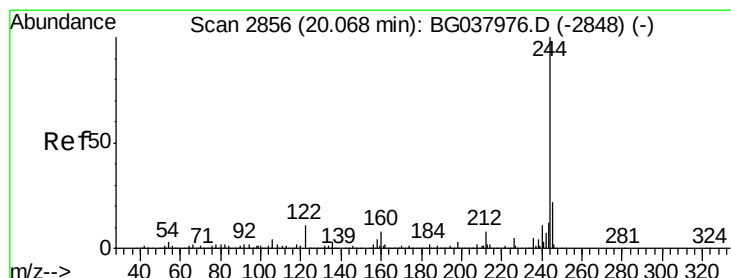
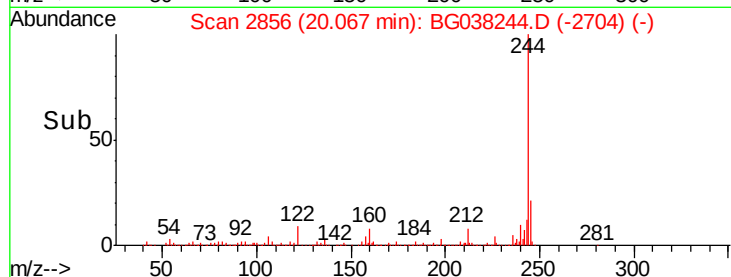
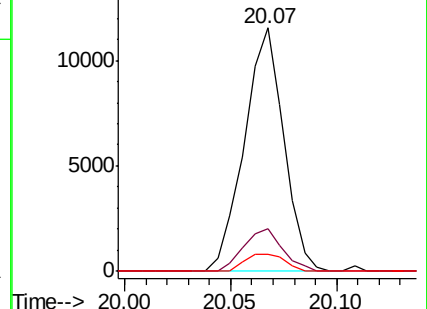
183 7.3 10.2 15.2#



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: 97.729 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038244.D

Acq: 29 Nov 2018 22:18

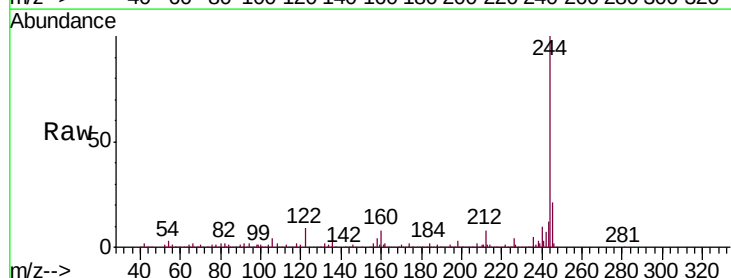
Tgt Ion:244 Resp: 828228

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

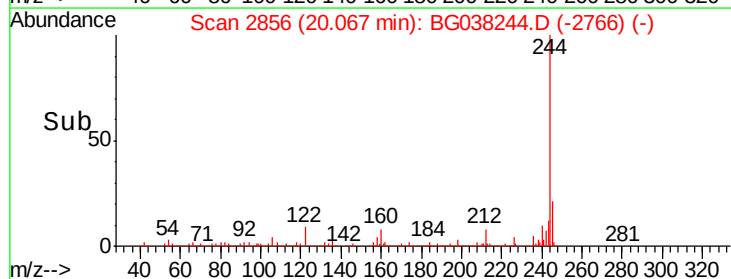
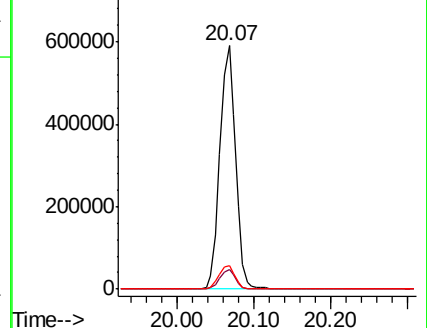
122 9.4 9.0 13.4

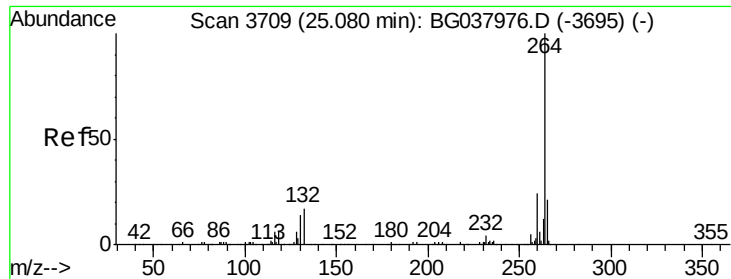


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.07 min Scan# 3708
Delta R.T. -0.01 min
Lab File: BG038244.D
Acq: 29 Nov 2018 22:18

Instrument :
BNA_G
ClientSampleId :
OK-01-112818

Tgt Ion: 264 Resp: 165932
Ion Ratio Lower Upper
264 100
260 22.9 18.2 27.4
265 20.8 17.9 26.9

