

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038214.D
 Acq On : 29 Nov 2018 00:29
 Operator : JU/SJ
 Sample : J6069-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-D-B

Quant Time: Nov 29 04:32:37 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

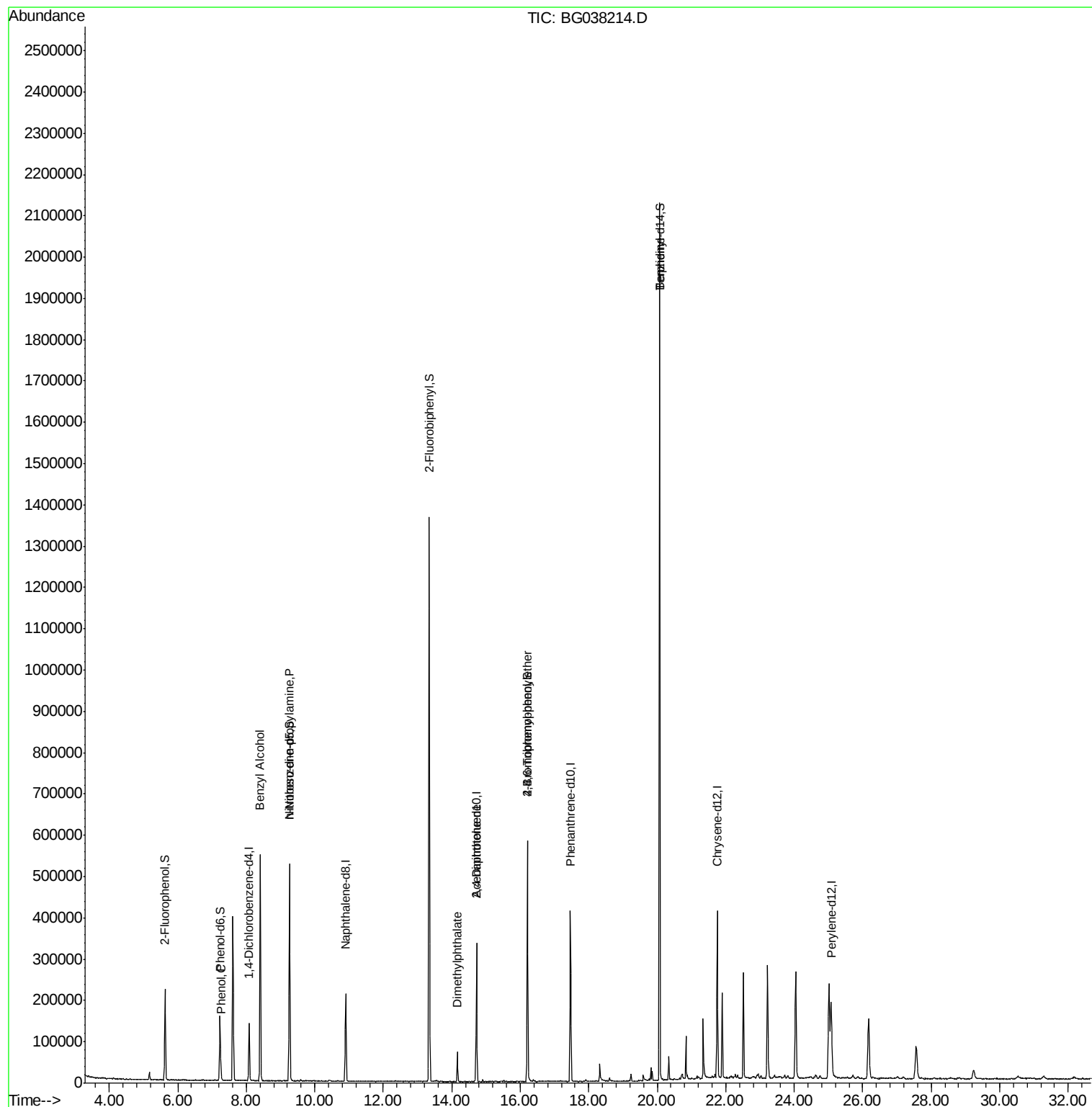
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	39258	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	186628	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	117882	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	261266	20.00	ng	0.00
76) Chrysene-d12	21.75	240	246660	20.00	ng	0.00
87) Perylene-d12	25.07	264	241118	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	102095	44.90	ng	0.00
7) Phenol-d6	7.23	99	91764	28.27	ng	0.00
23) Nitrobenzene-d5	9.26	82	320570	91.95	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	108410	80.64	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	721517	89.17	ng	0.00
79) Terphenyl-d14	20.07	244	1028690	98.13	ng	0.00
Target Compounds						
10) Phenol	7.26	94	19540	5.684	ng	90
15) Benzyl Alcohol	8.41	79	4835	2.059	ng	# 43
19) n-Nitroso-di-n-propylamine	9.26	70	41699	17.756	ng	# 74
50) Dimethylphthalate	14.16	163	48914	5.234	ng	99
57) 2,4-Dinitrotoluene	14.72	165	15386	5.346	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	7590	2.647	ng	# 1
77) Benzidine	20.07	184	18397	2.126	ng	# 95

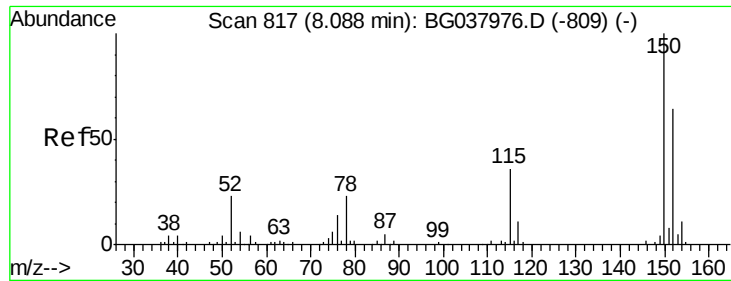
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
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QLast Update : Tue Nov 13 16:39:28 2018
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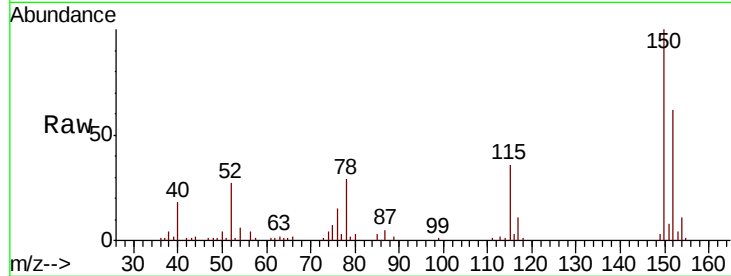


#1

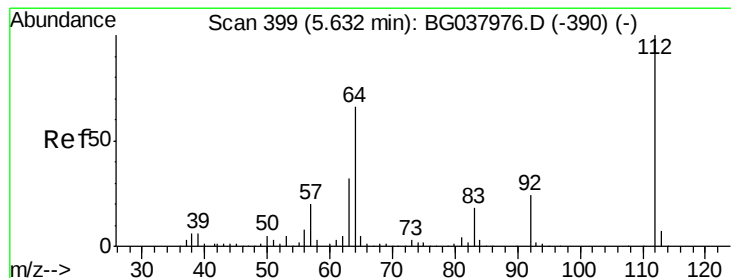
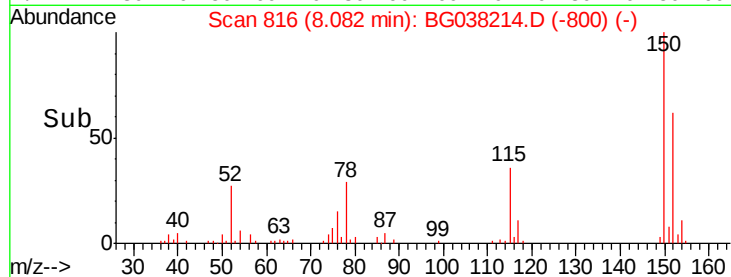
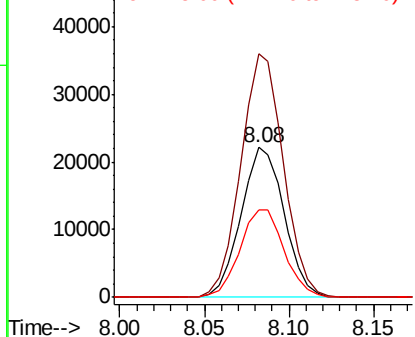
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.01 min
Lab File: BG038214.D
Acq: 29 Nov 2018 00:29

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-D-B

Tgt Ion:152 Resp: 39258
Ion Ratio Lower Upper
152 100
150 162.6 126.0 189.0
115 58.3 45.5 68.3



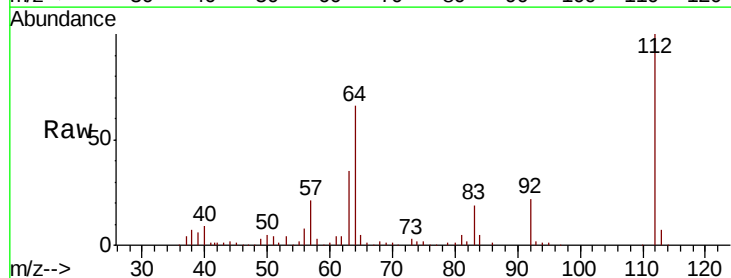
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



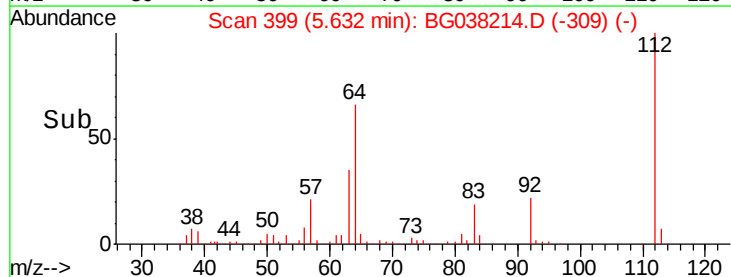
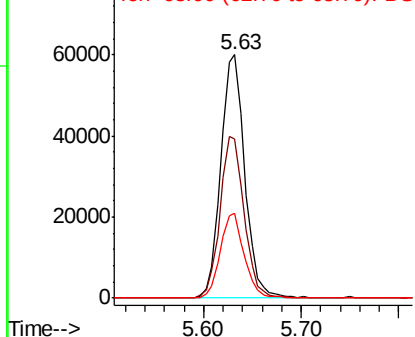
#5

2-Fluorophenol
Concen: 44.901 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038214.D
Acq: 29 Nov 2018 00:29

Tgt Ion:112 Resp: 102095
Ion Ratio Lower Upper
112 100
64 65.6 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 28.273 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-D-B

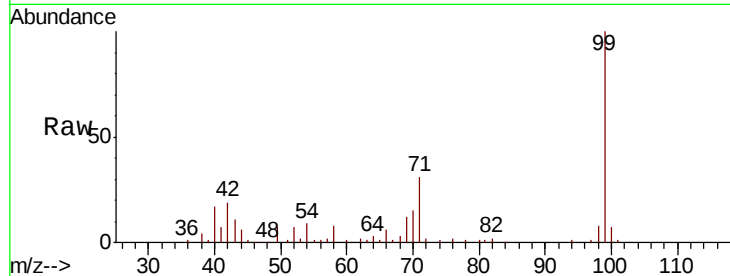
Tgt Ion: 99 Resp: 91764

Ion Ratio Lower Upper

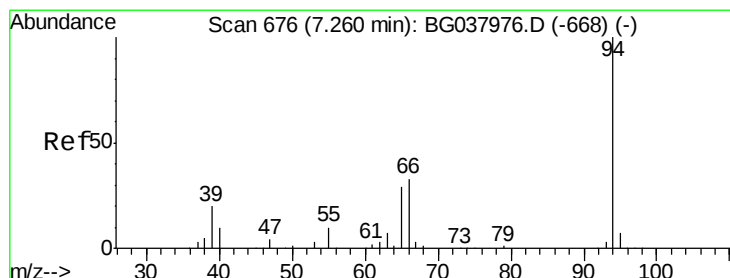
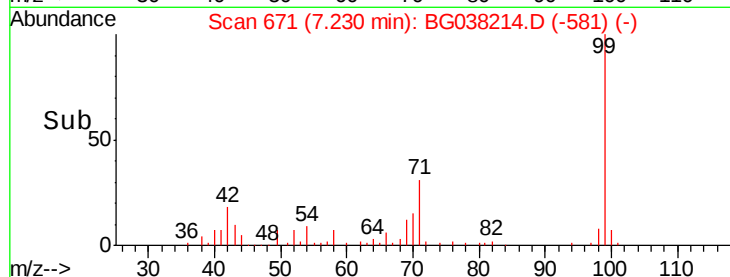
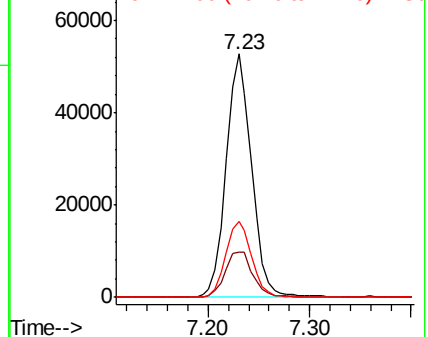
99 100

42 18.8 15.0 22.4

71 31.4 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: 5.684 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

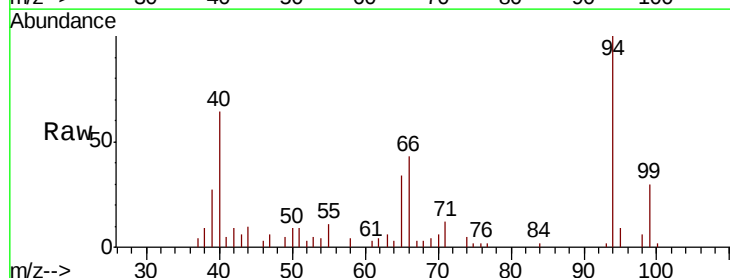
Tgt Ion: 94 Resp: 19540

Ion Ratio Lower Upper

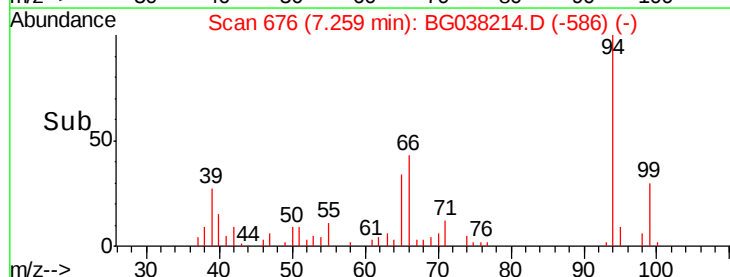
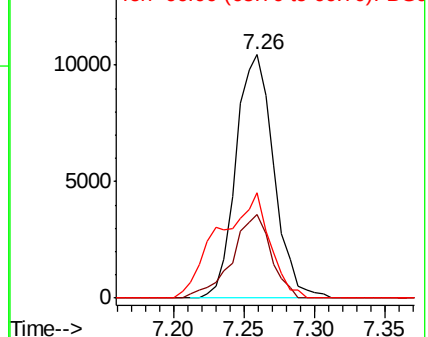
94 100

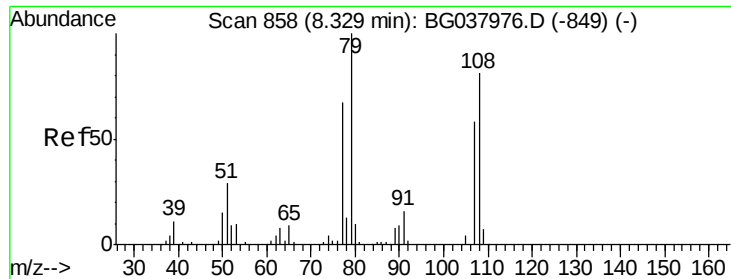
65 34.1 9.7 49.7

66 43.1 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





#15

Benzyl Alcohol

Concen: 2.059 ng

RT: 8.41 min Scan# 871

Delta R.T. 0.08 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-D-B

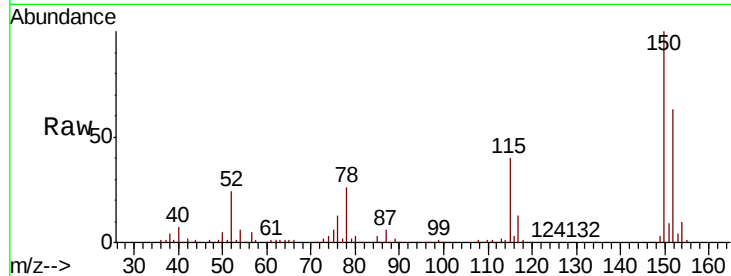
Tgt Ion: 79 Resp: 4835

Ion Ratio Lower Upper

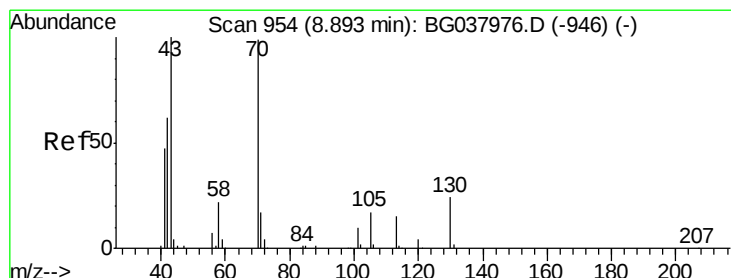
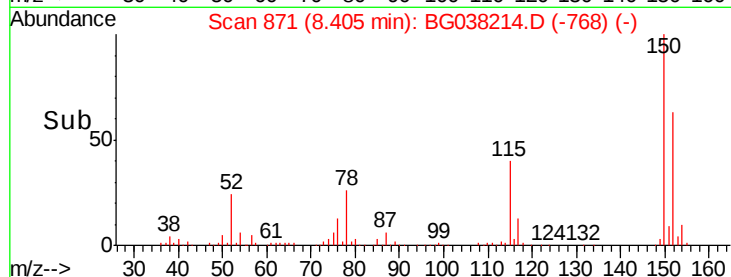
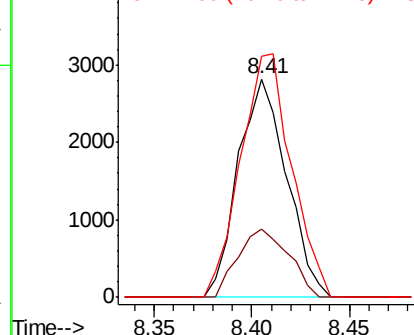
79 100

108 31.2 65.8 98.8#

77 110.7 52.9 79.3#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.756 ng

RT: 9.26 min Scan# 1017

Delta R.T. 0.37 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

Tgt Ion: 70 Resp: 41699

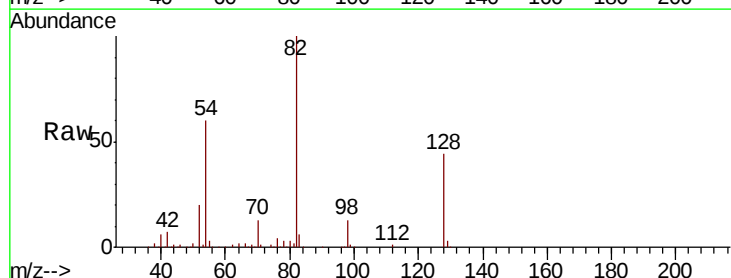
Ion Ratio Lower Upper

70 100

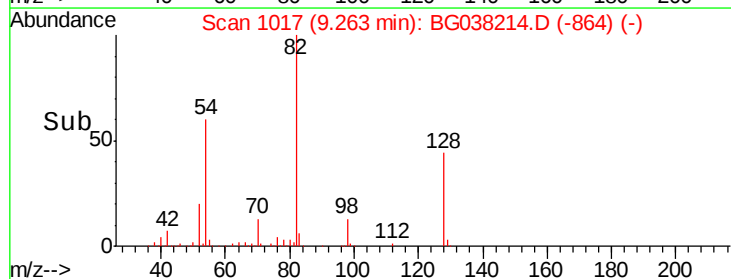
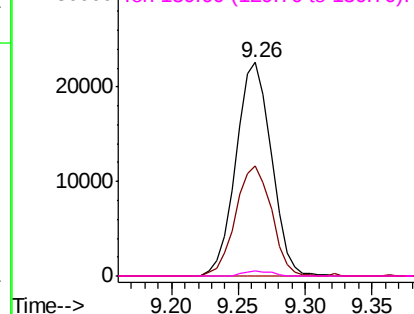
42 51.4 53.9 80.9#

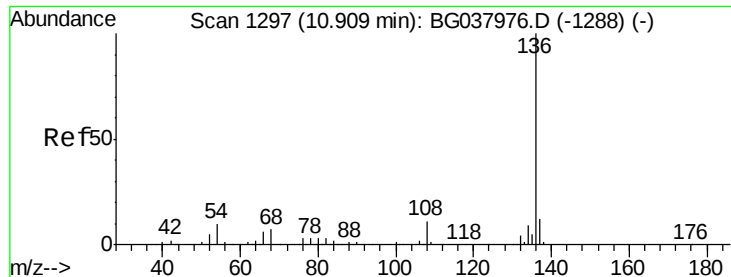
101 0.0 8.2 12.2#

130 2.5 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

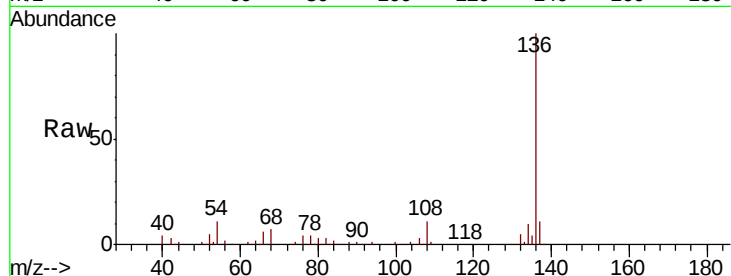




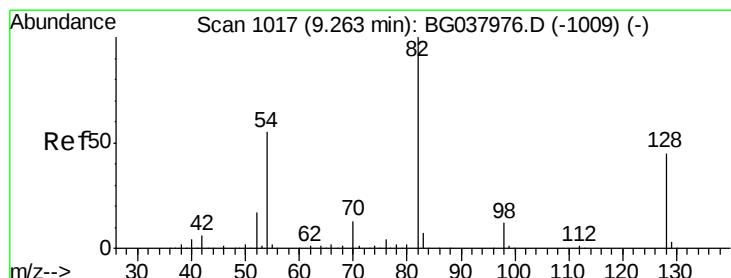
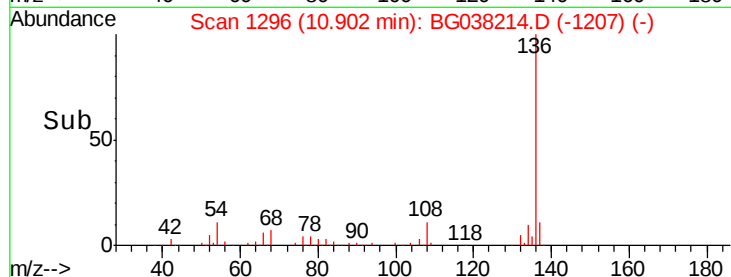
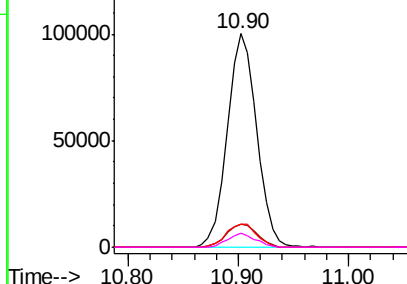
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038214.D
Acq: 29 Nov 2018 00:29

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-D-B

Tgt Ion:	136	Resp:	186628
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.6	14.4
54	10.6	7.9	11.9
68	6.8	4.8	7.2

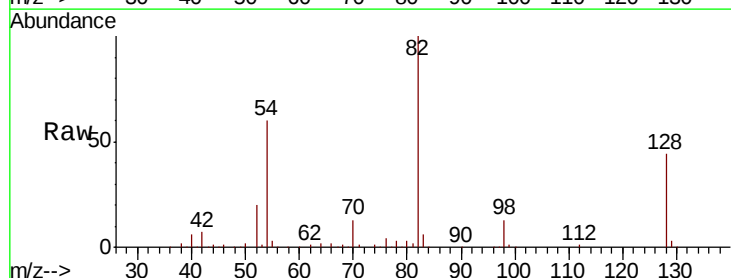


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

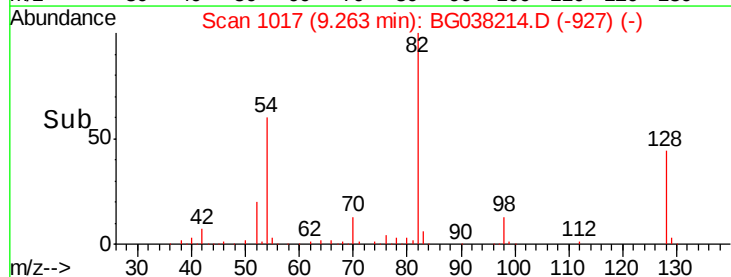
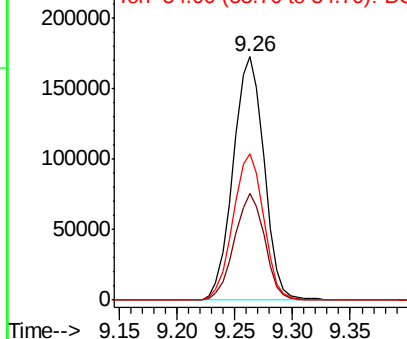


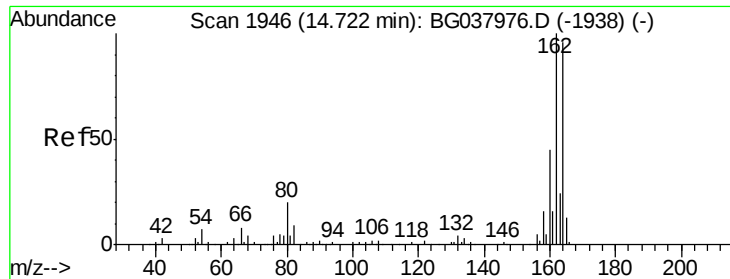
#23
Nitrobenzene-d5
Concen: 91.949 ng
RT: 9.26 min Scan# 1017
Delta R.T. -0.00 min
Lab File: BG038214.D
Acq: 29 Nov 2018 00:29

Tgt Ion:	82	Resp:	320570
Ion	Ratio	Lower	Upper
82	100		
128	43.9	34.6	51.8
54	60.2	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: 14.72 min Scan# 1946

Delta R.T. -0.00 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-D-B

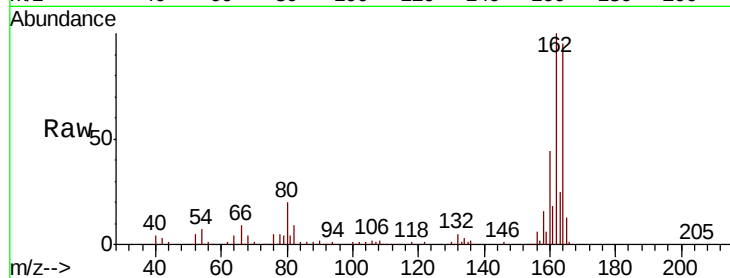
Tgt Ion:164 Resp: 117882

Ion Ratio Lower Upper

164 100

162 104.8 81.3 121.9

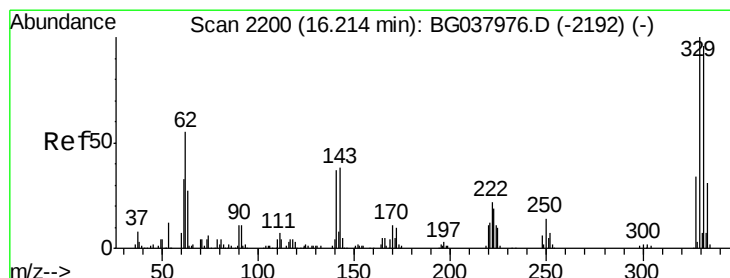
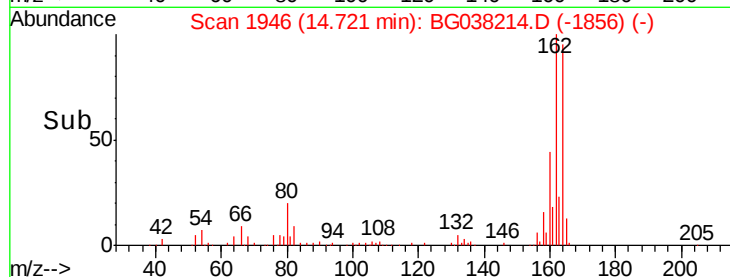
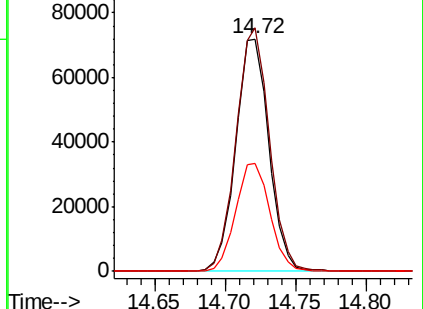
160 46.4 36.3 54.5



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: 80.637 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

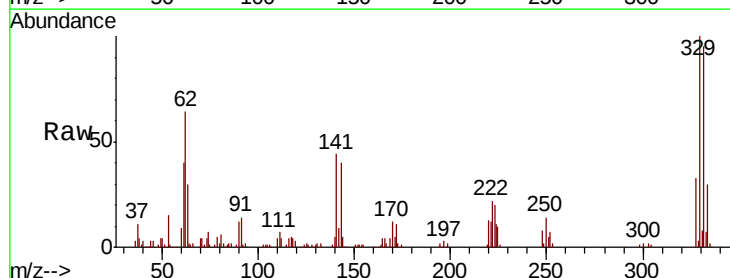
Tgt Ion:330 Resp: 108410

Ion Ratio Lower Upper

330 100

332 93.6 78.4 117.6

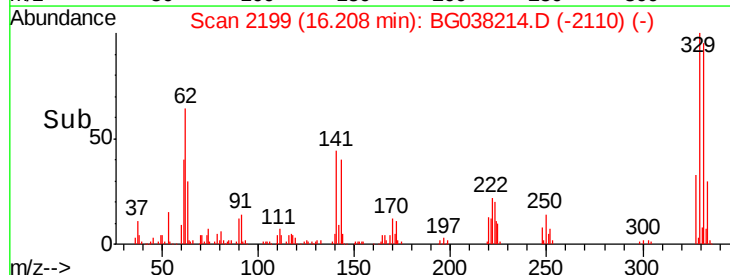
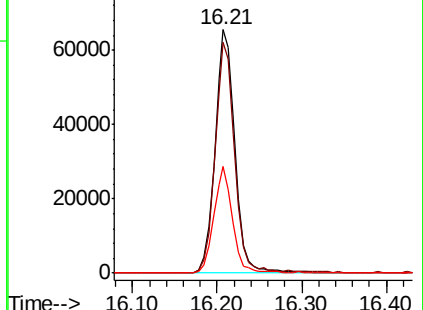
141 41.2 32.2 48.2

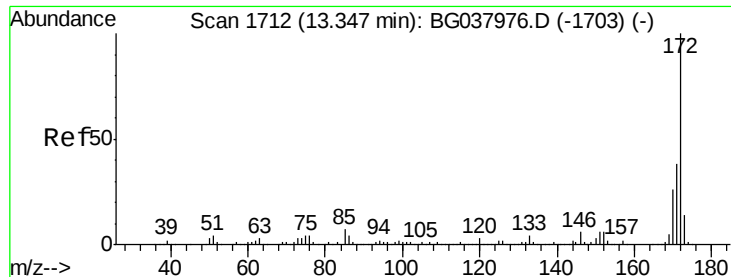


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

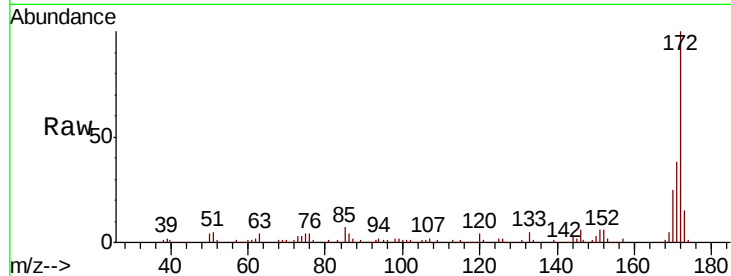




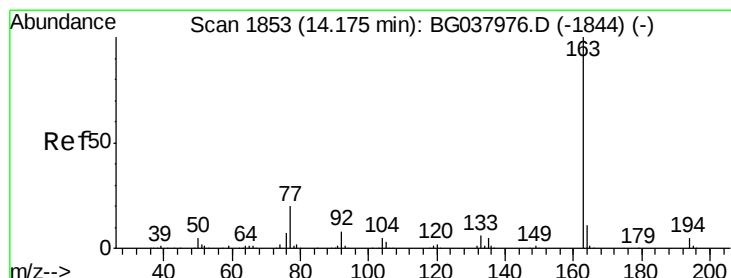
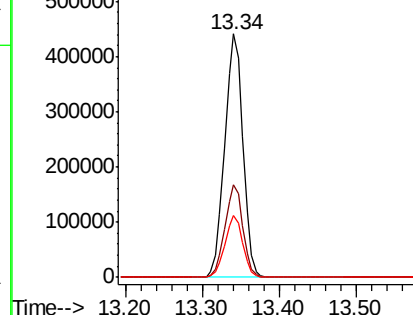
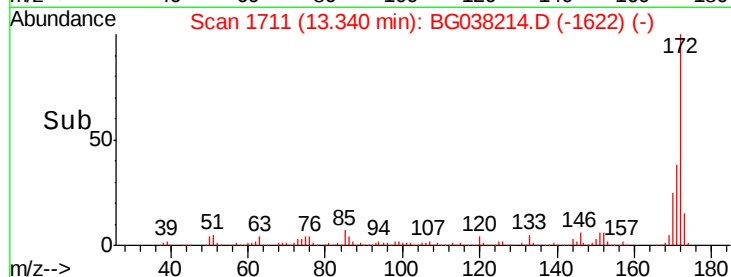
#45
2-Fluorobiphenyl
Concen: 89.169 ng
RT: 13.34 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BG038214.D
Acq: 29 Nov 2018 00:29

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Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	31.0	46.4
170	25.2	20.2	30.2

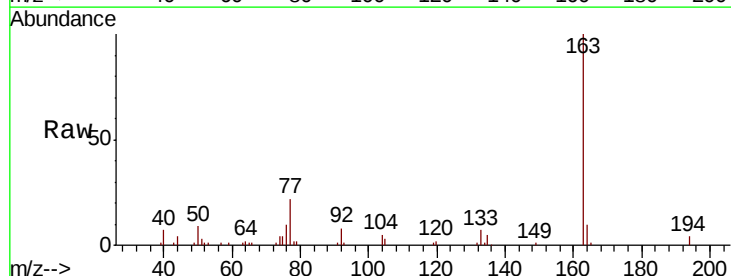


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

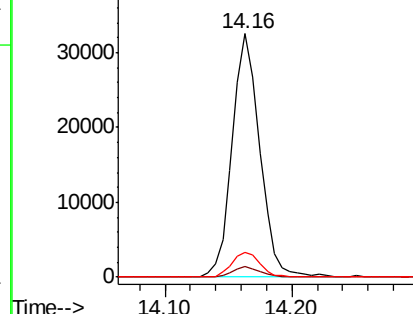
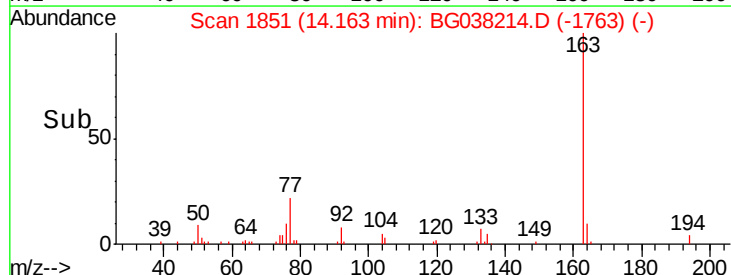


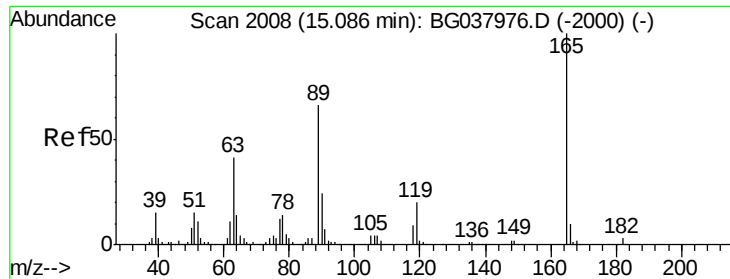
#50
Dimethylphthalate
Concen: 5.234 ng
RT: 14.16 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BG038214.D
Acq: 29 Nov 2018 00:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.2	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

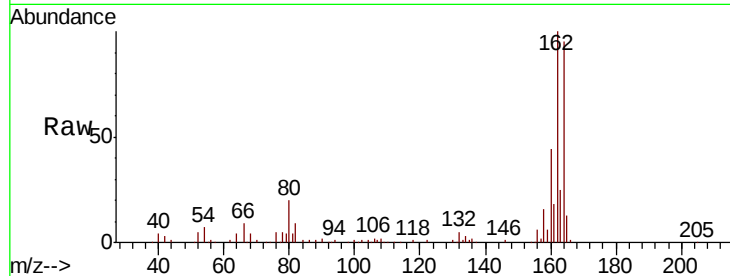




#57
 2,4-Dinitrotoluene
 Concen: 5.346 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.36 min
 Lab File: BG038214.D
 Acq: 29 Nov 2018 00:29

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-D-B

Tgt 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#



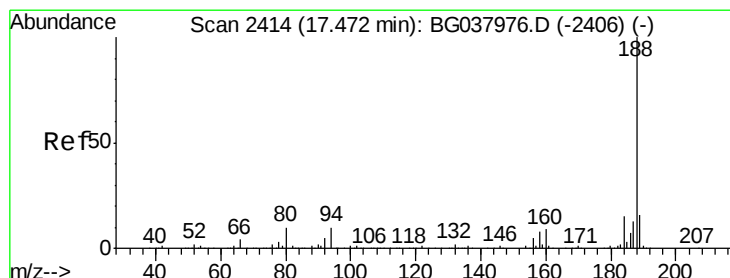
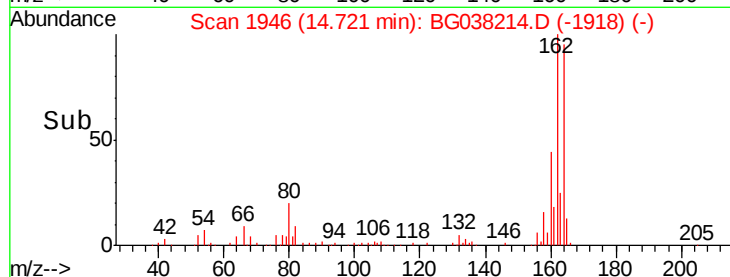
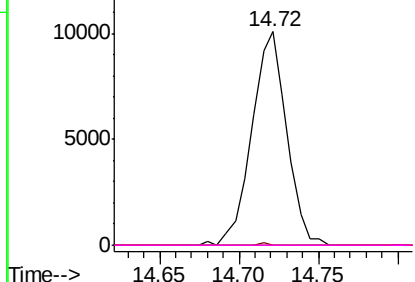
Abundance

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: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038214.D
 Acq: 29 Nov 2018 00:29

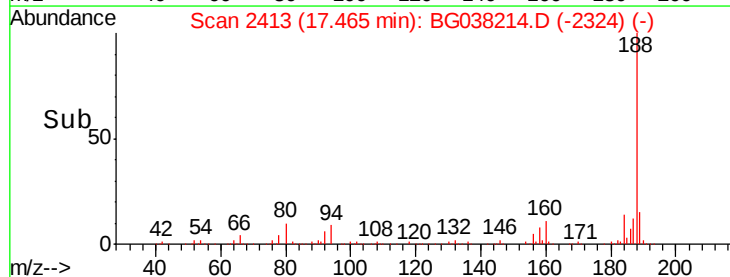
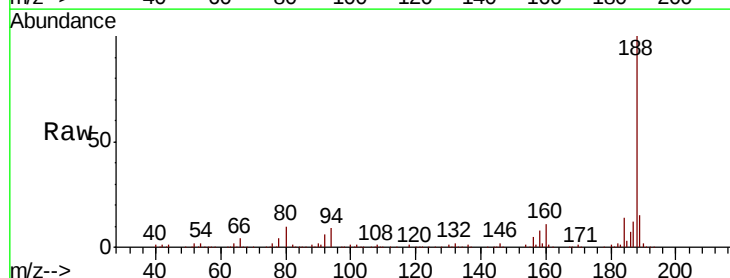
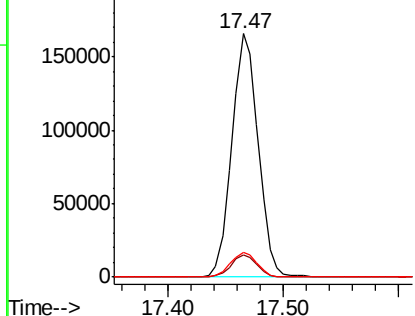
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.2	10.8
80	10.1	7.7	11.5

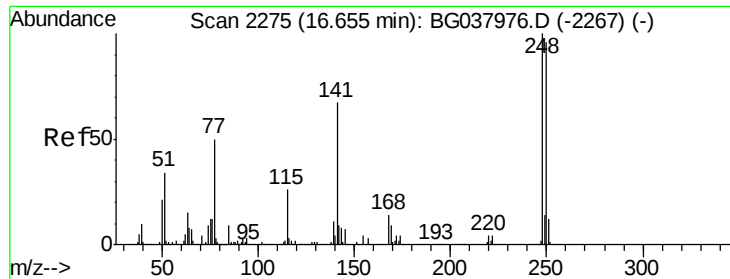
Abundance

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

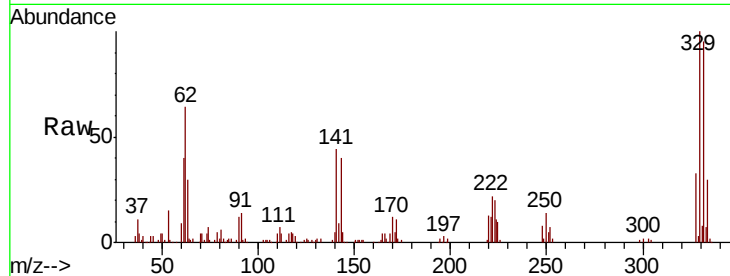




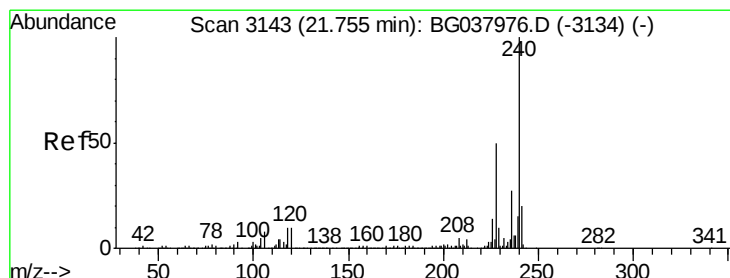
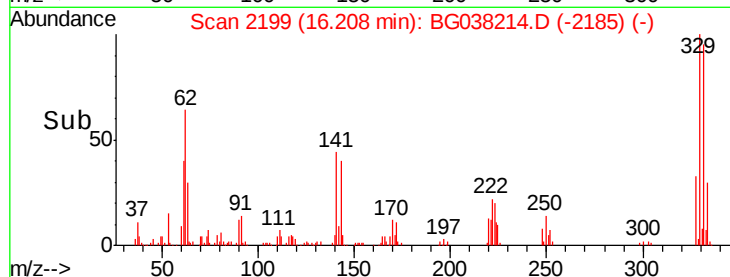
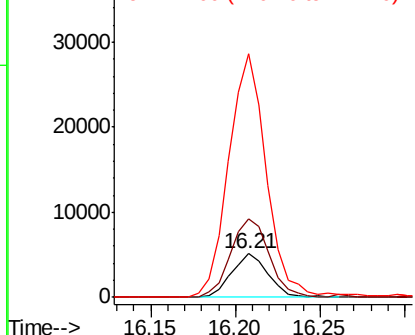
#67
 4-Bromophenyl-phenylether
 Concen: 2.647 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.45 min
 Lab File: BG038214.D
 Acq: 29 Nov 2018 00:29

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-D-B

Tgt Ion:248 Resp: 7590
 Ion Ratio Lower Upper
 248 100
 250 184.4 77.0 115.6#
 141 431.6 55.5 83.3#

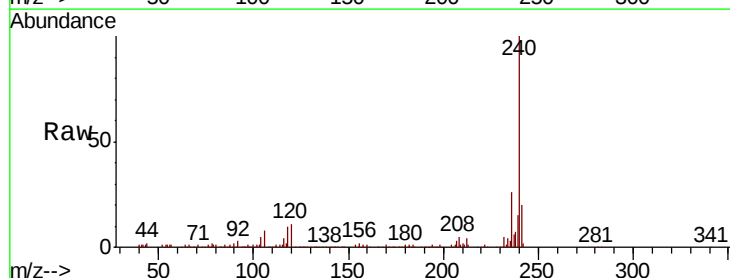


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

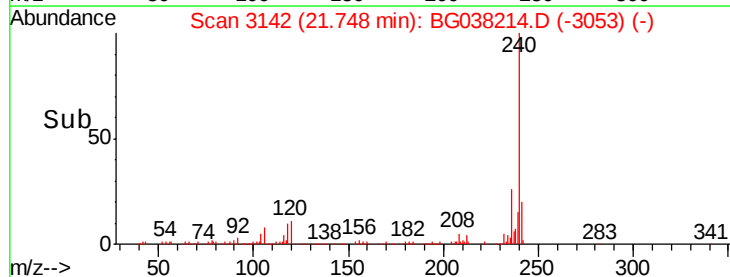
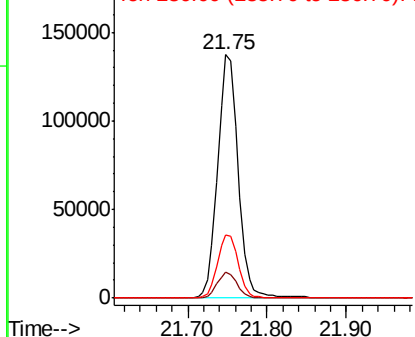


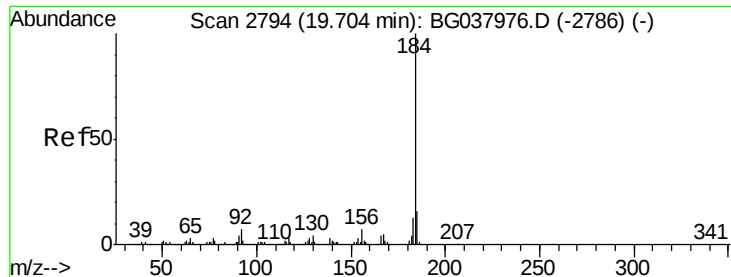
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.01 min
 Lab File: BG038214.D
 Acq: 29 Nov 2018 00:29

Tgt Ion:240 Resp: 246660
 Ion Ratio Lower Upper
 240 100
 120 10.9 8.1 12.1
 236 25.8 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





#77

Benzidine

Concen: 2.126 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-D-B

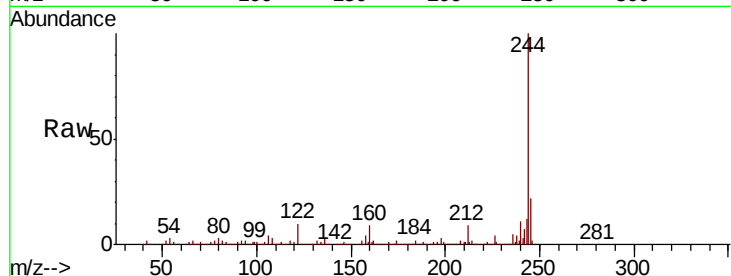
Tgt Ion:184 Resp: 18397

Ion Ratio Lower Upper

184 100

185 15.7 12.6 18.8

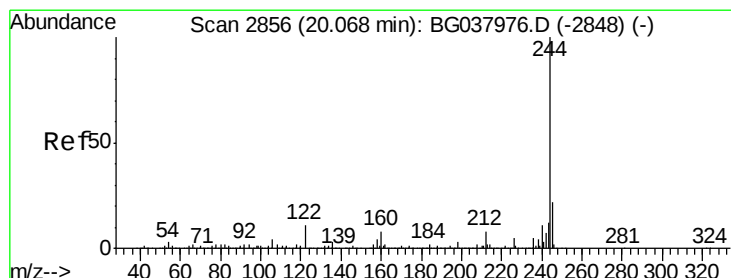
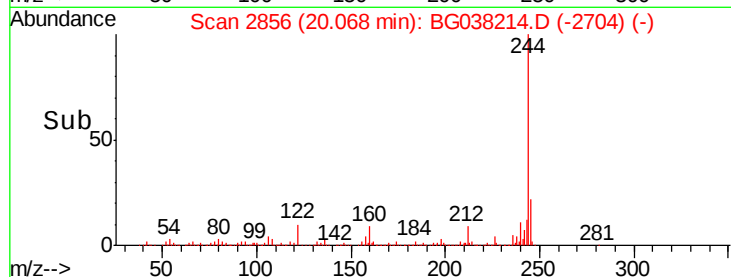
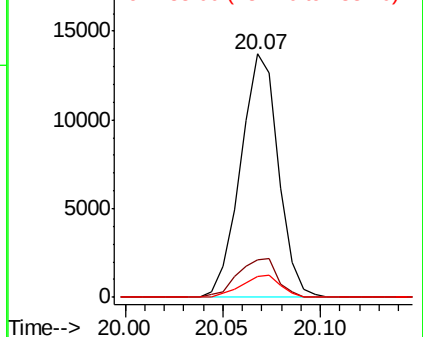
183 8.4 10.2 15.2#



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: 98.132 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038214.D

Acq: 29 Nov 2018 00:29

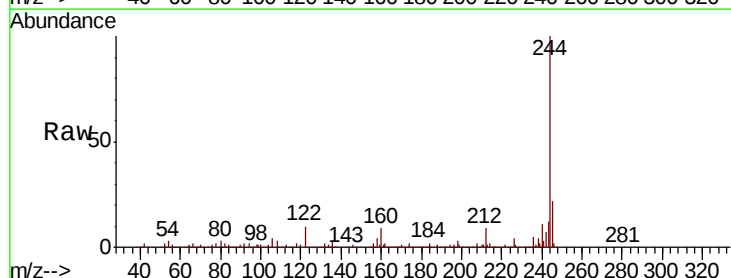
Tgt Ion:244 Resp: 1028690

Ion Ratio Lower Upper

244 100

212 8.6 6.5 9.7

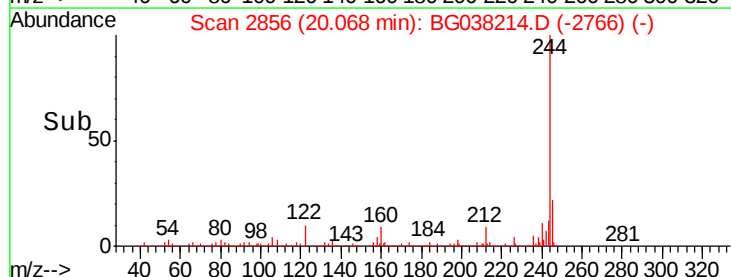
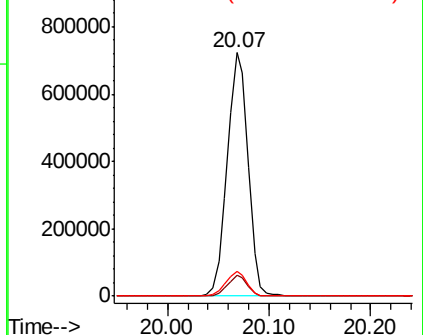
122 10.2 9.0 13.4

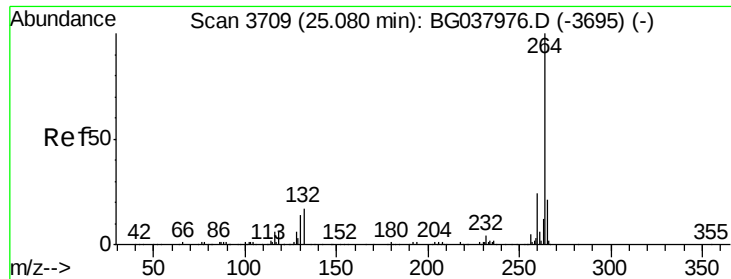


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038214.D
Acq: 29 Nov 2018 00:29

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-D-B

Tgt Ion: 264 Resp: 241118
Ion Ratio Lower Upper
264 100
260 22.5 18.2 27.4
265 22.3 17.9 26.9

