

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG112818\
 Data File : BG038217.D
 Acq On : 29 Nov 2018 2:27
 Operator : JU/SJ
 Sample : J6069-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-U-S

Quant Time: Nov 29 04:53:15 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

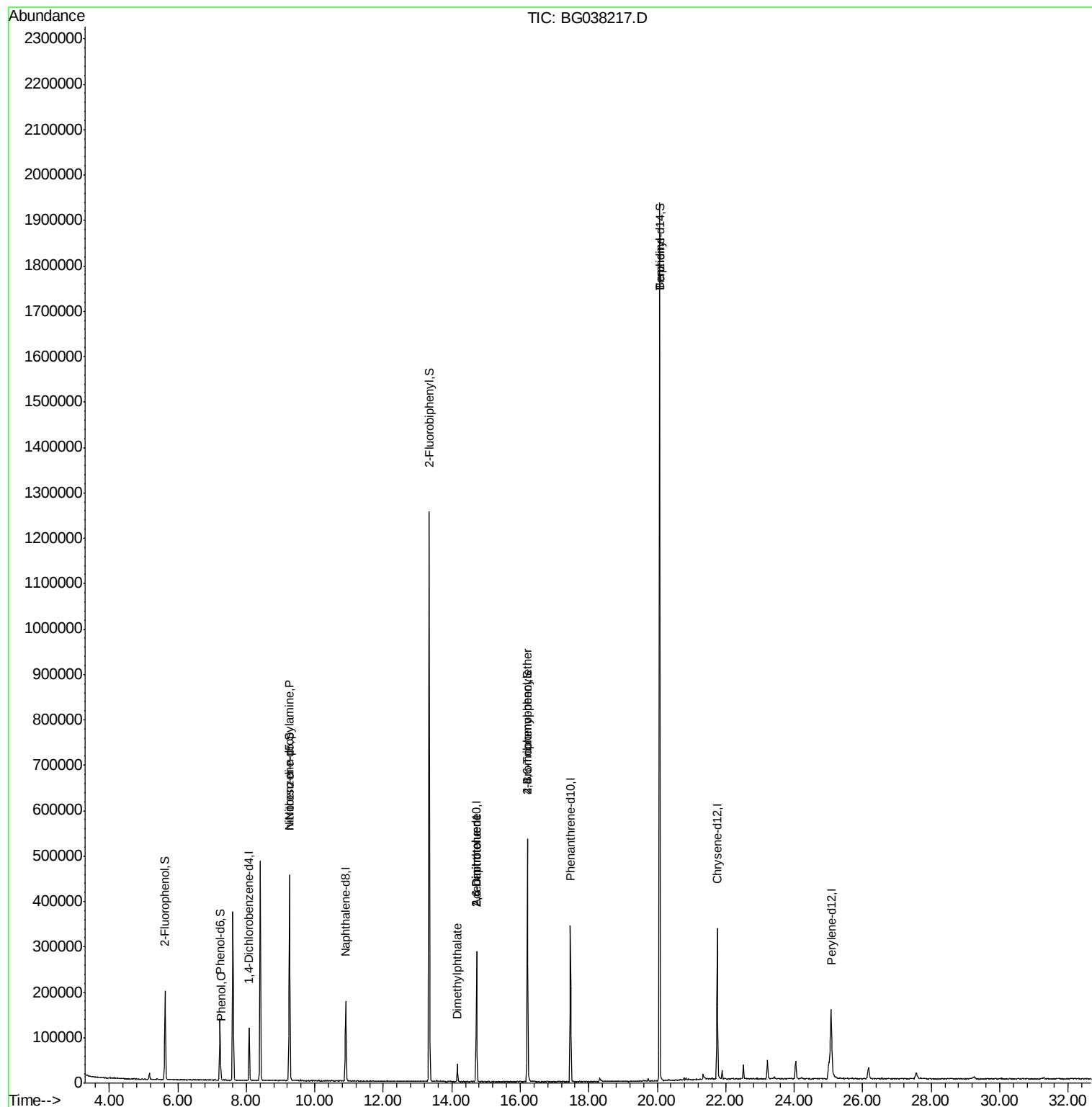
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	33958	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	154162	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	98282	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	219145	20.00	ng	0.00
76) Chrysene-d12	21.75	240	207774	20.00	ng	0.00
87) Perylene-d12	25.07	264	200985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	89794	45.65	ng	0.00
7) Phenol-d6	7.23	99	79003	28.14	ng	0.00
23) Nitrobenzene-d5	9.26	82	286698	99.55	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	96859	86.41	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	659518	97.76	ng	0.00
79) Terphenyl-d14	20.07	244	922990	104.53	ng	0.00
Target Compounds						
10) Phenol	7.26	94	7755	2.608	ng	96
19) n-Nitroso-di-n-propylamine	9.26	70	36640	18.036	ng	# 74
50) Dimethylphthalate	14.16	163	29401	3.773	ng	99
51) 2,6-Dinitrotoluene	14.72	165	13062	7.407	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	13062	5.444	ng	# 23
67) 4-Bromophenyl-phenylether	16.21	248	6875	2.858	ng	# 1
77) Benzidine	20.07	184	17047	2.338	ng	# 94

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

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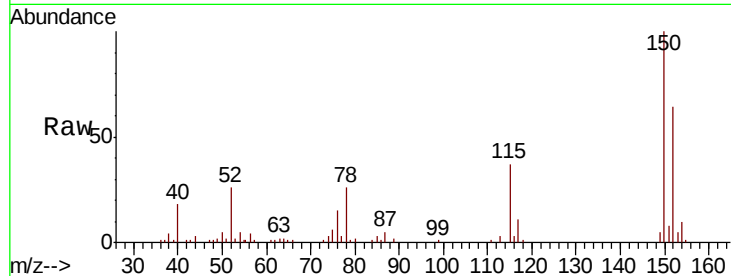


#1

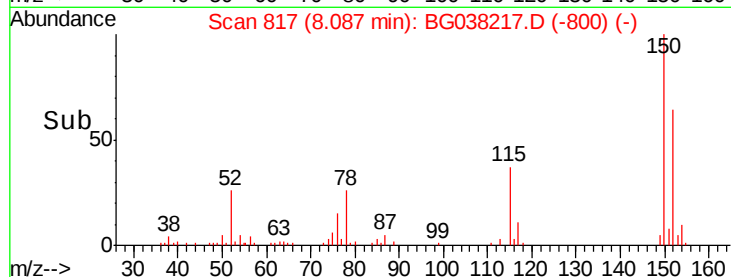
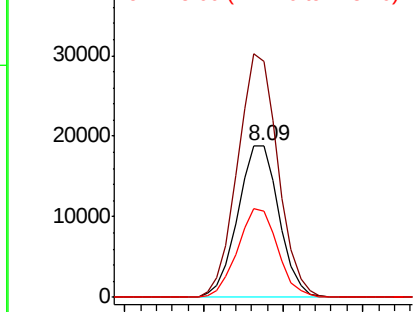
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 817
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:152 Resp: 33958
Ion Ratio Lower Upper
152 100
150 155.4 126.0 189.0
115 57.2 45.5 68.3



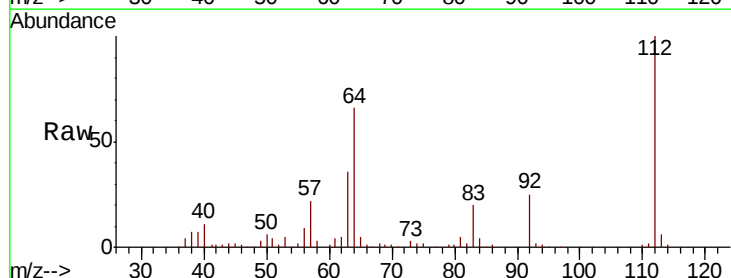
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



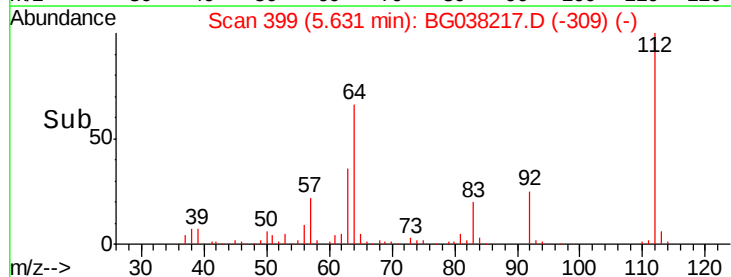
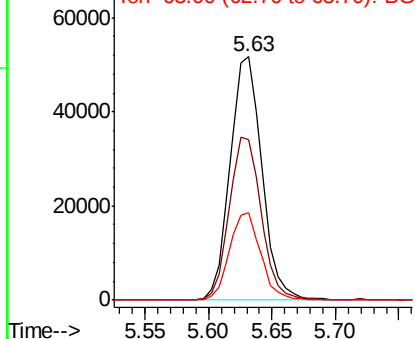
#5

2-Fluorophenol
Concen: 45.655 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:112 Resp: 89794
Ion Ratio Lower Upper
112 100
64 65.9 53.1 79.7
63 36.0 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: 28.140 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-U-S

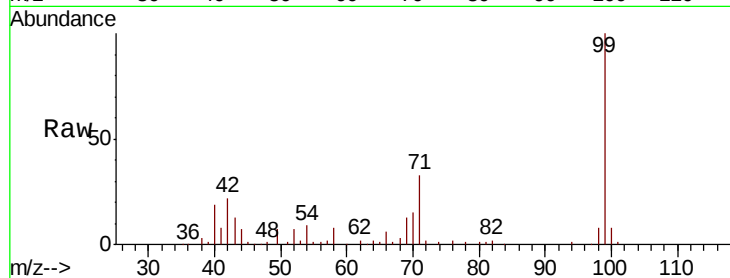
Tgt Ion: 99 Resp: 79003

Ion Ratio Lower Upper

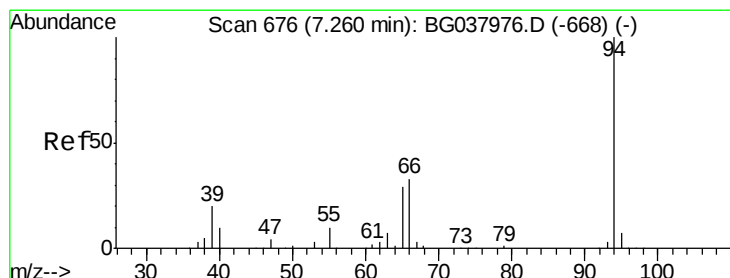
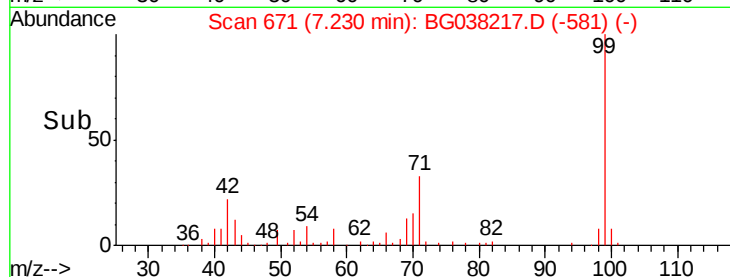
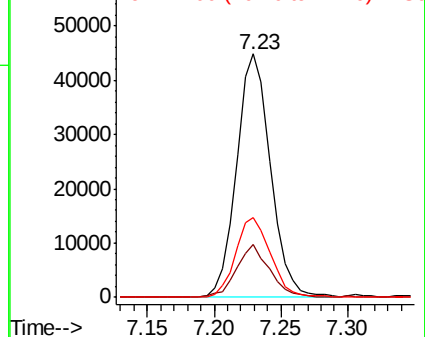
99 100

42 21.8 15.0 22.4

71 32.7 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: 2.608 ng

RT: 7.26 min Scan# 676

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

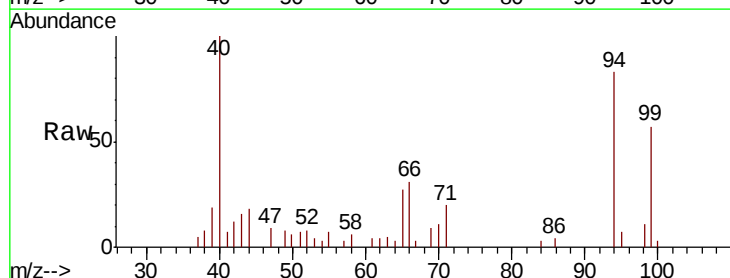
Tgt Ion: 94 Resp: 7755

Ion Ratio Lower Upper

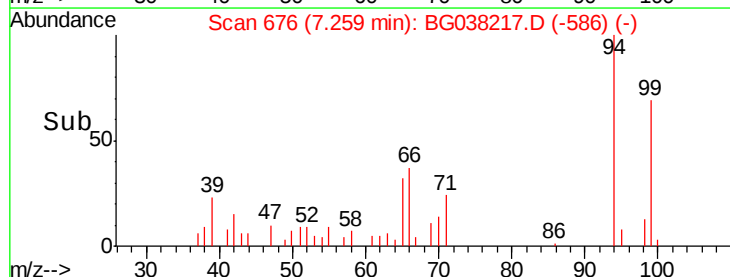
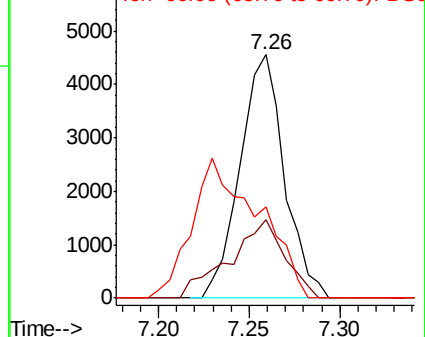
94 100

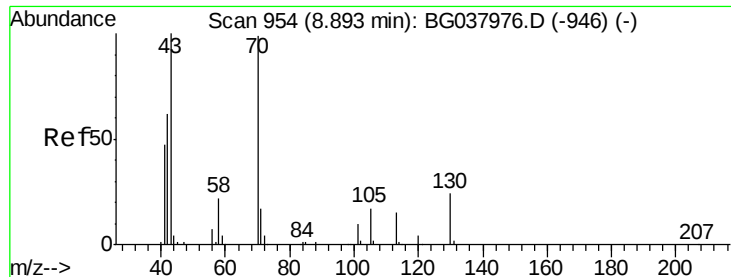
65 32.3 9.7 49.7

66 37.4 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

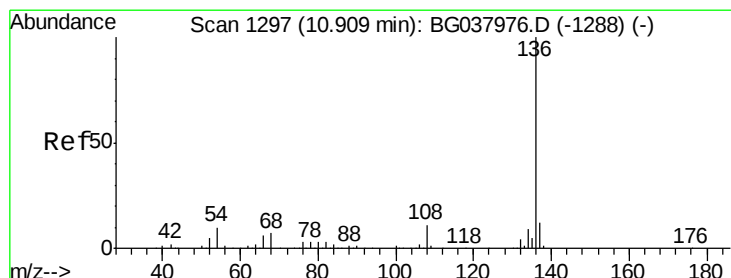
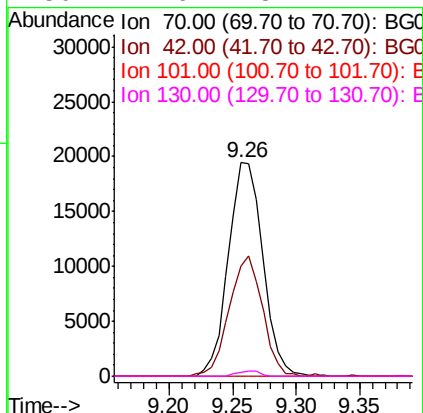
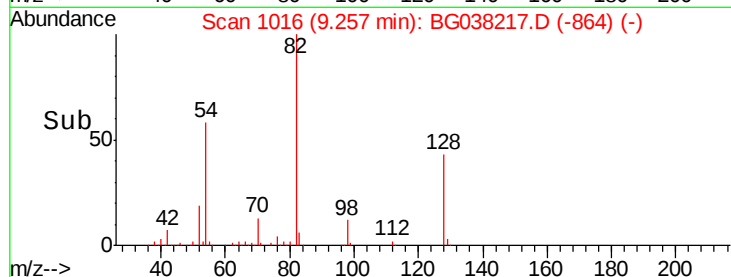
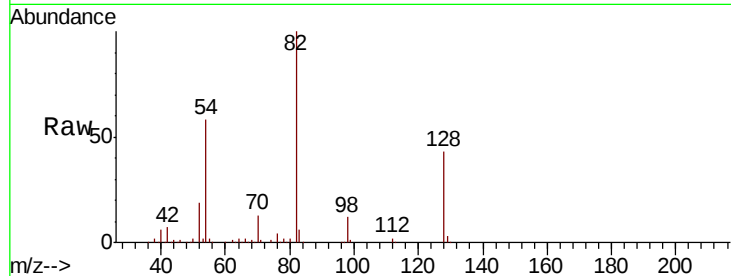




#19
n-Nitroso-di-n-propylamine
Concen: 18.036 ng
RT: 9.26 min Scan# 1016
Delta R.T. 0.36 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

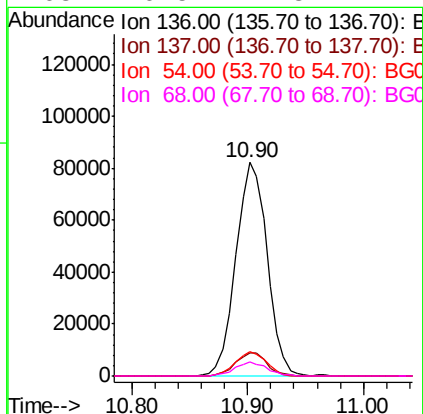
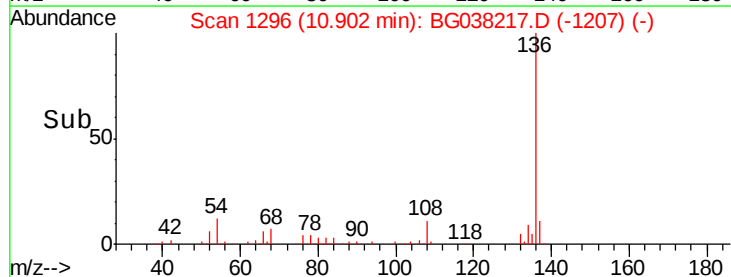
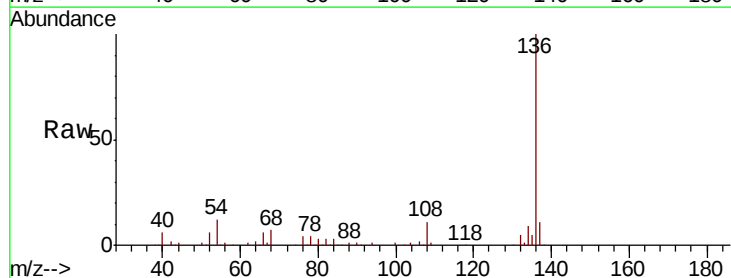
Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

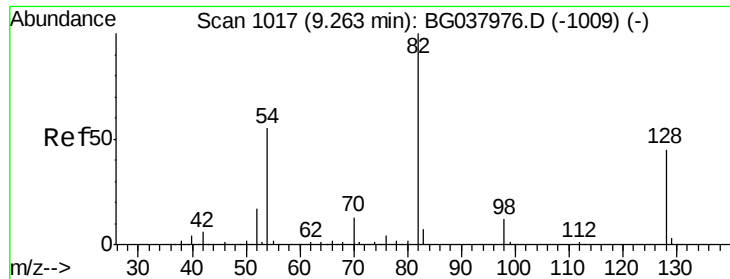
Tgt Ion: 70 Resp: 36640
Ion Ratio Lower Upper
70 100
42 51.7 53.9 80.9#
101 0.0 8.2 12.2#
130 1.6 18.2 27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion: 136 Resp: 154162
Ion Ratio Lower Upper
136 100
137 10.9 9.6 14.4
54 11.5 7.9 11.9
68 6.5 4.8 7.2

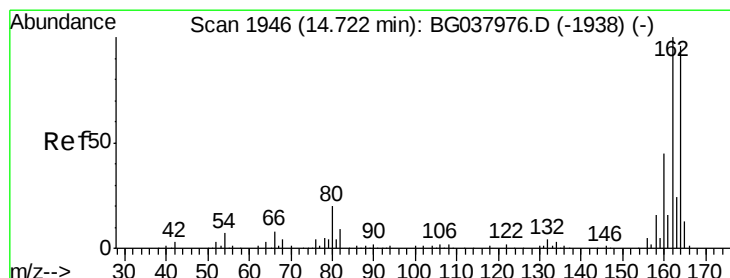
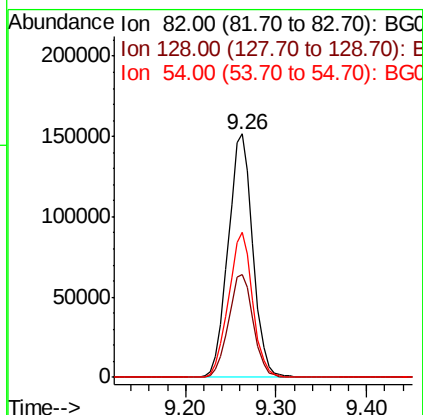
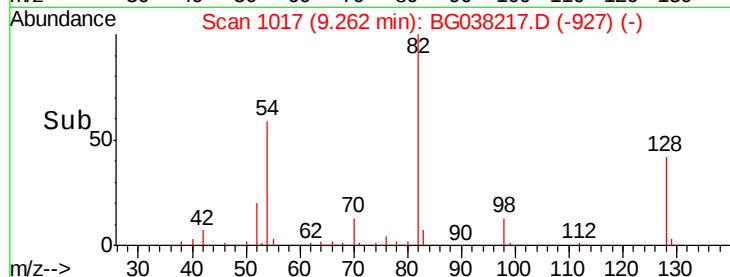
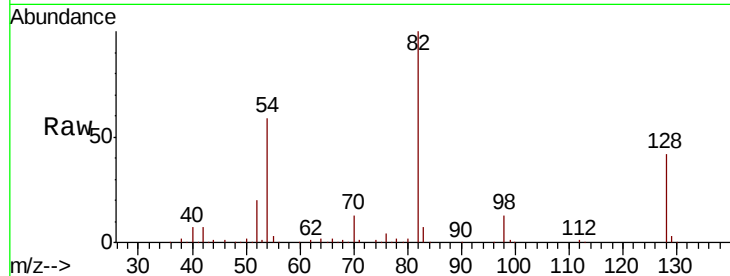




#23
 Nitrobenzene-d5
 Concen: 99.551 ng
 RT: 9.26 min Scan# 1017
 Delta R.T. -0.00 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

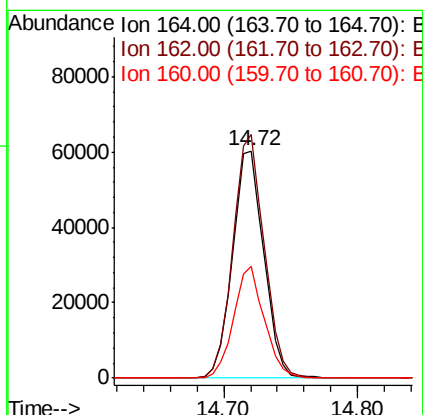
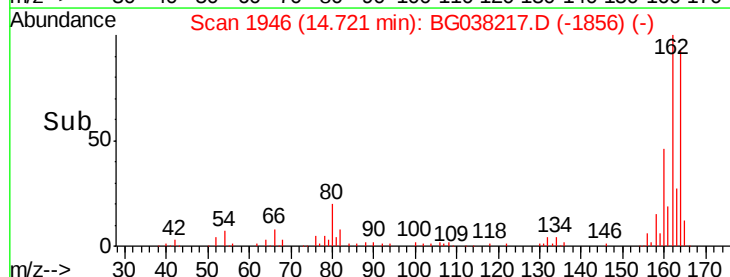
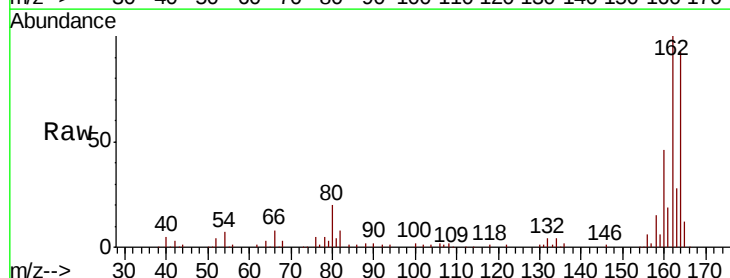
Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-U-S

Tgt Ion: 82 Resp: 286698
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.6 51.8
 54 59.5 45.3 67.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Tgt Ion: 164 Resp: 98282
 Ion Ratio Lower Upper
 164 100
 162 107.1 81.3 121.9
 160 49.4 36.3 54.5

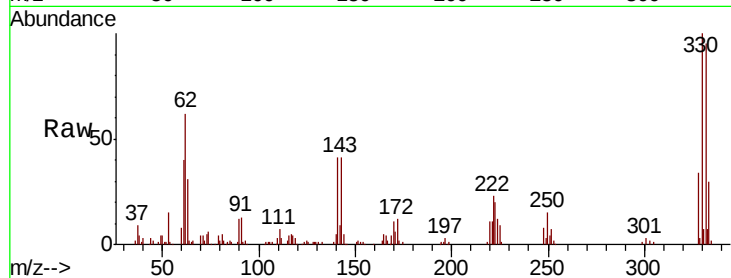




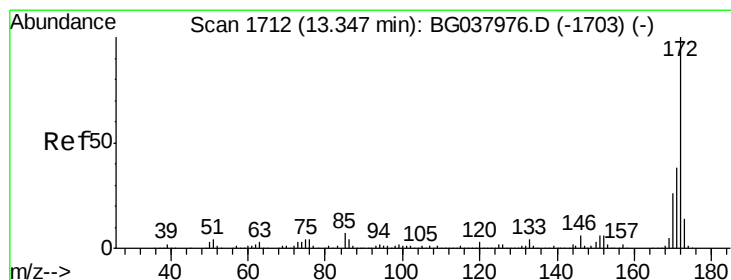
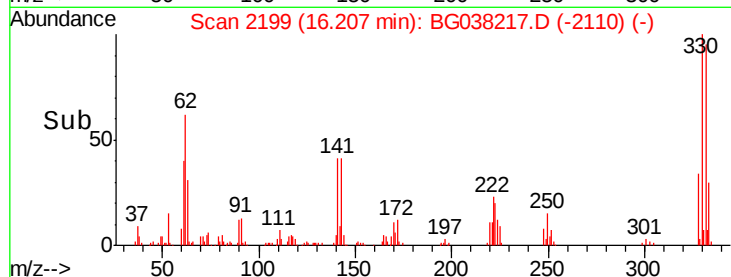
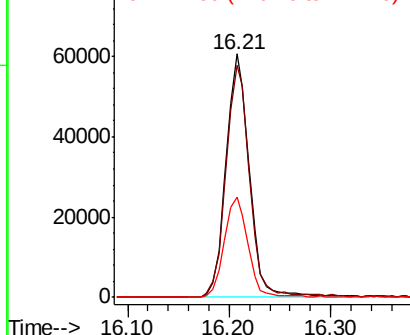
#42
 2,4,6-Tribromophenol
 Concen: 86.413 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Instrument :
 BNA_G
 ClientSampleId :
 112318-TIPC-F-U-S

Tgt Ion:330 Resp: 96859
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.4 117.6
 141 42.2 32.2 48.2

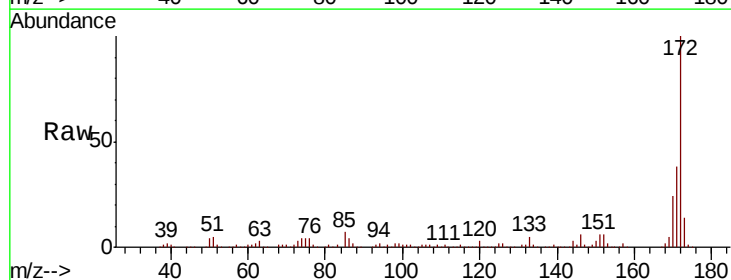


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

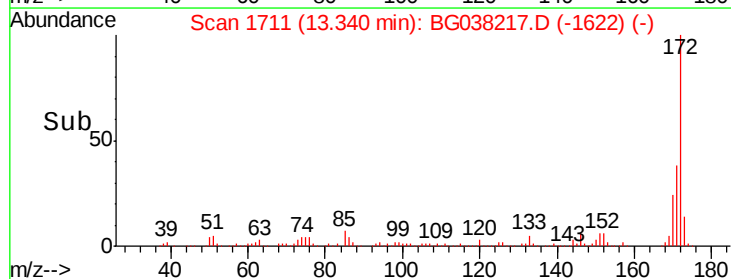
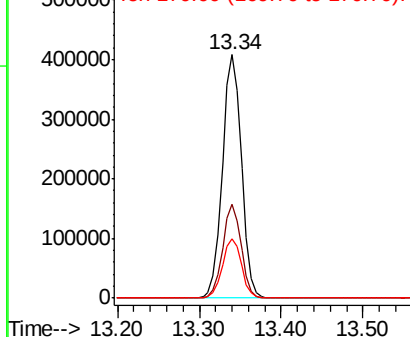


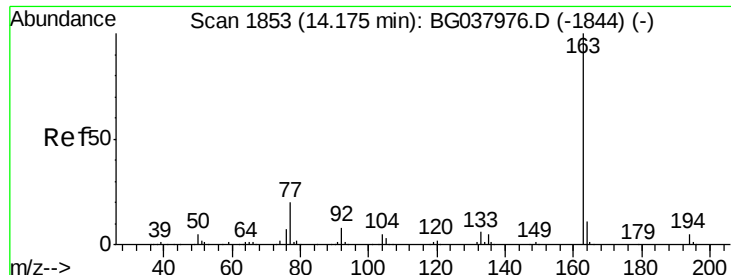
#45
 2-Fluorobiphenyl
 Concen: 97.761 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Tgt Ion:172 Resp: 659518
 Ion Ratio Lower Upper
 172 100
 171 38.3 31.0 46.4
 170 24.1 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: 3.773 ng

RT: 14.16 min Scan# 1851

Delta R.T. -0.01 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-U-S

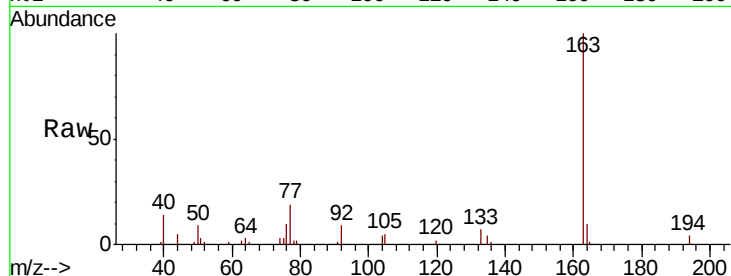
Tgt Ion:163 Resp: 29401

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

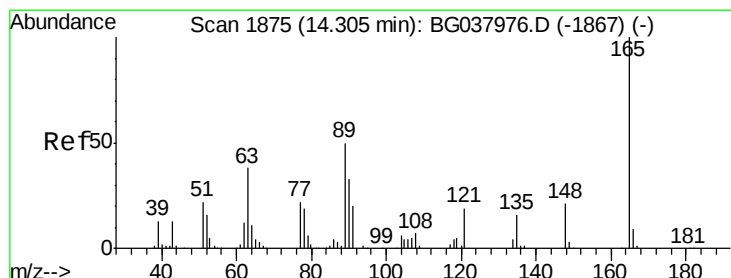
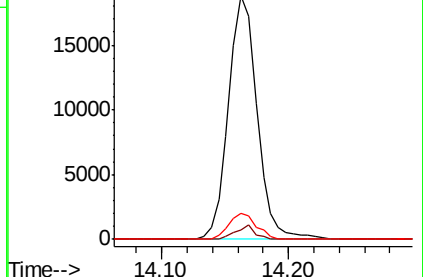
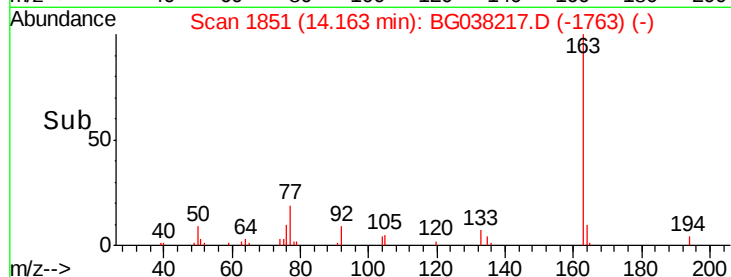
164 10.5 8.5 12.7



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: 7.407 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.42 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

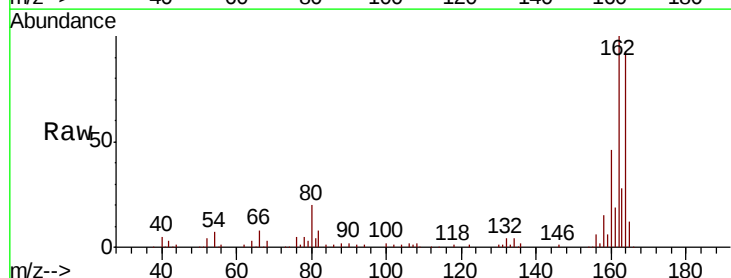
Tgt Ion:165 Resp: 13062

Ion Ratio Lower Upper

165 100

63 0.0 43.4 65.2#

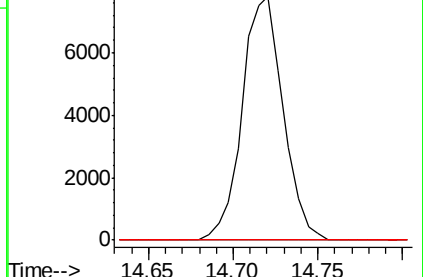
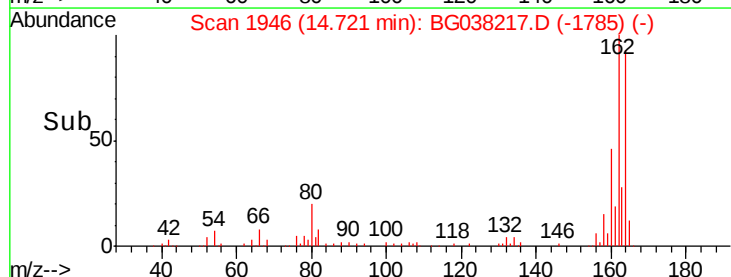
89 0.0 45.8 68.6#

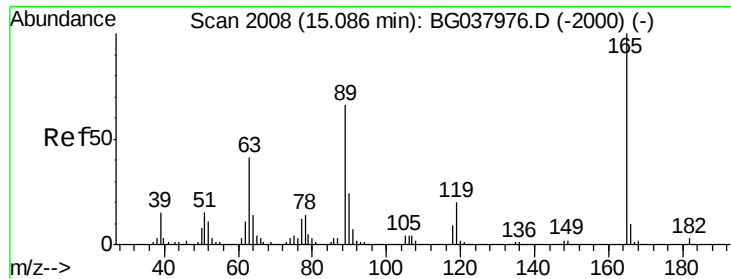


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

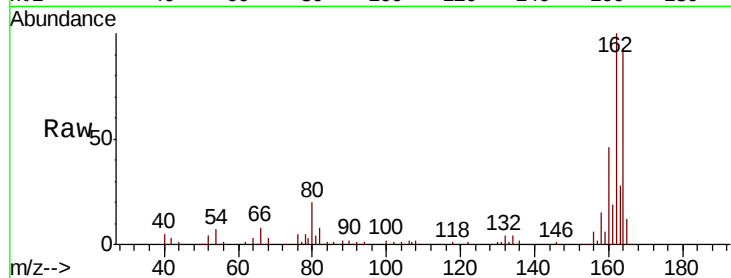




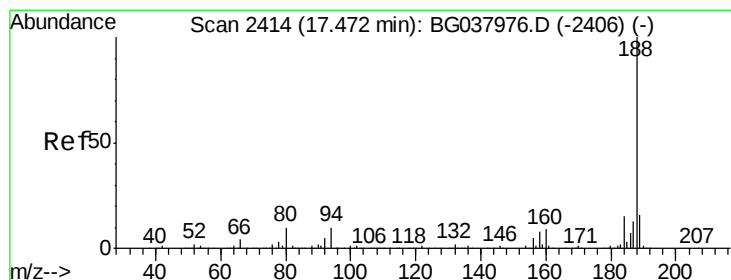
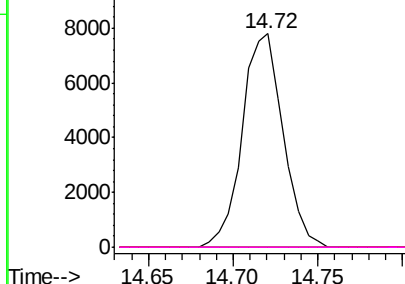
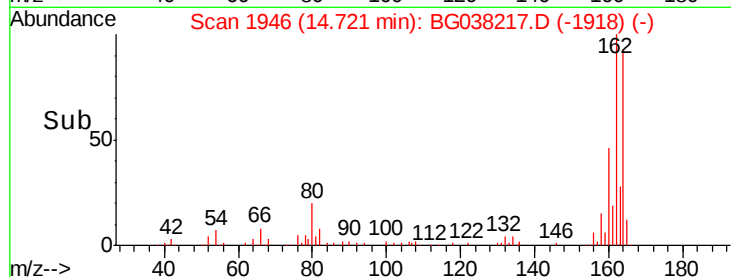
#57
 2,4-Dinitrotoluene
 Concen: 5.444 ng
 RT: 14.72 min Scan# 1946
 Delta R.T. -0.37 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Instrument :
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 112318-TIPC-F-U-S

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#

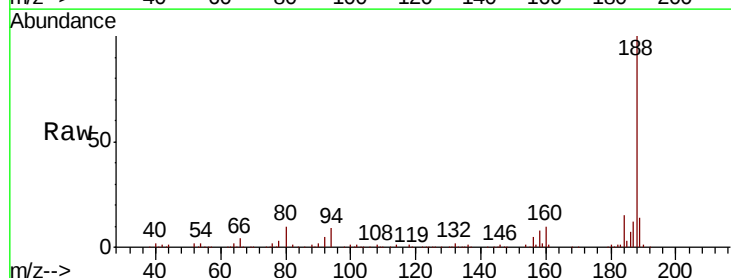


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

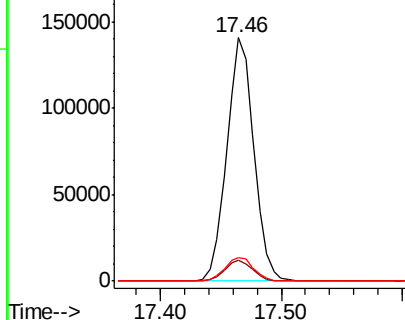
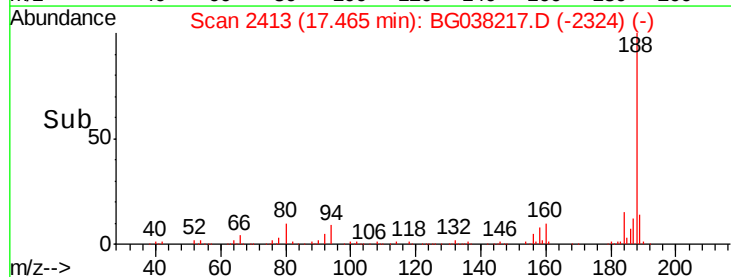


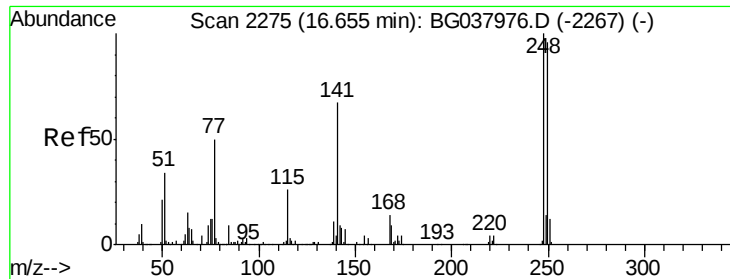
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG038217.D
 Acq: 29 Nov 2018 2:27

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	7.2	10.8
80	9.6	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

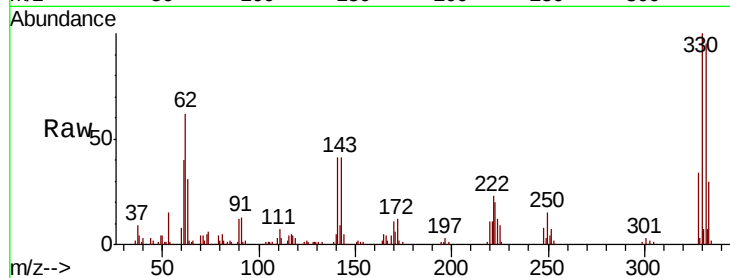




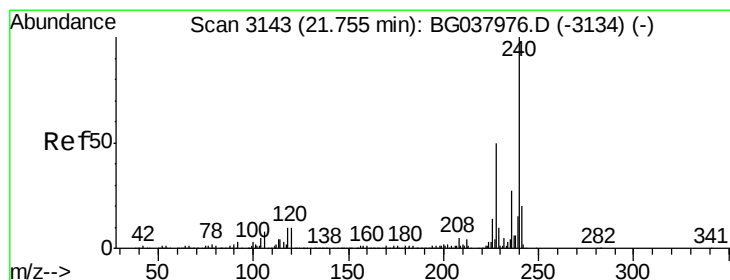
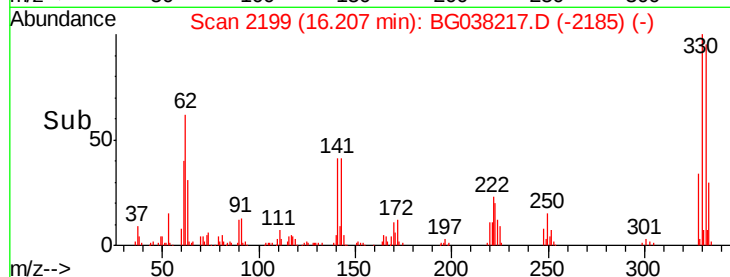
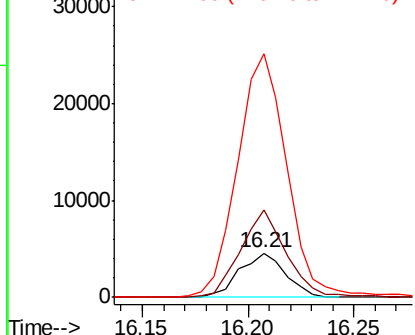
#67
4-Bromophenyl-phenylether
Concen: 2.858 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.45 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion:248 Resp: 6875
Ion Ratio Lower Upper
248 100
250 181.7 77.0 115.6#
141 403.9 55.5 83.3#

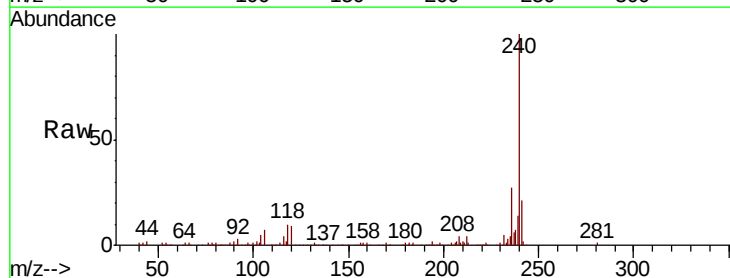


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

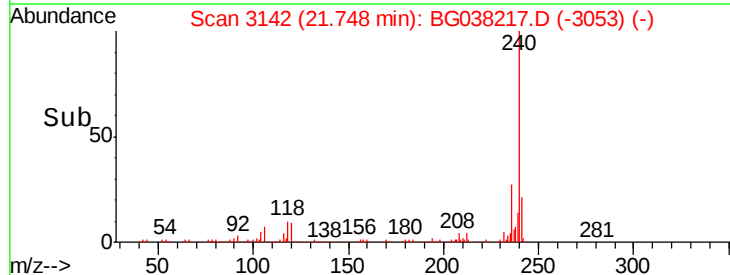
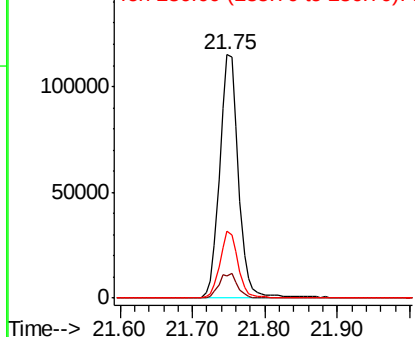


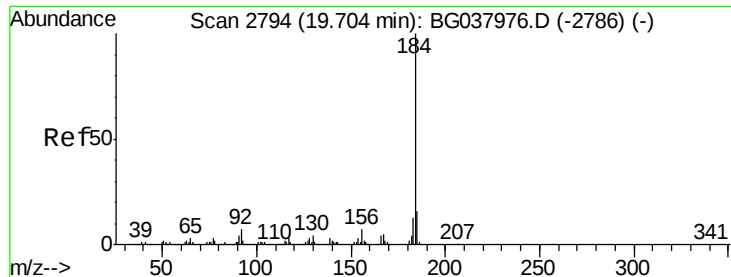
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.75 min Scan# 3142
Delta R.T. -0.01 min
Lab File: BG038217.D
Acq: 29 Nov 2018 2:27

Tgt Ion:240 Resp: 207774
Ion Ratio Lower Upper
240 100
120 9.4 8.1 12.1
236 27.5 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: 2.338 ng

RT: 20.07 min Scan# 2856

Delta R.T. 0.36 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

Instrument :

BNA_G

ClientSampleId :

112318-TIPC-F-U-S

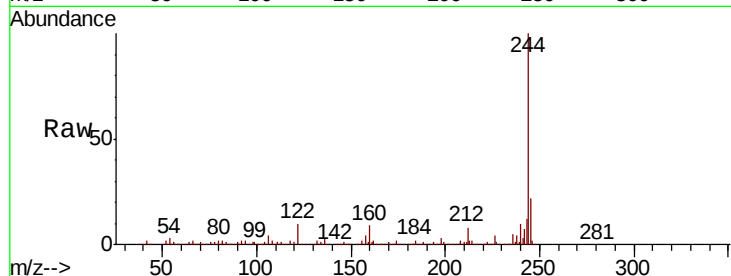
Tgt Ion:184 Resp: 17047

Ion Ratio Lower Upper

184 100

185 15.9 12.6 18.8

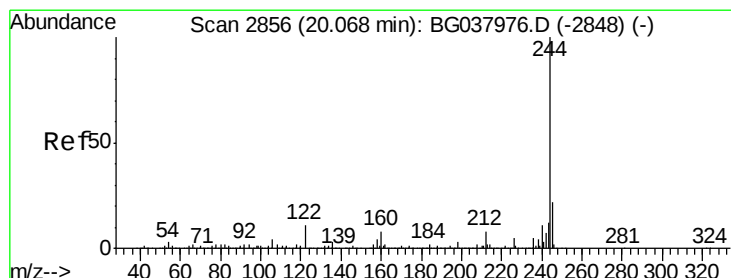
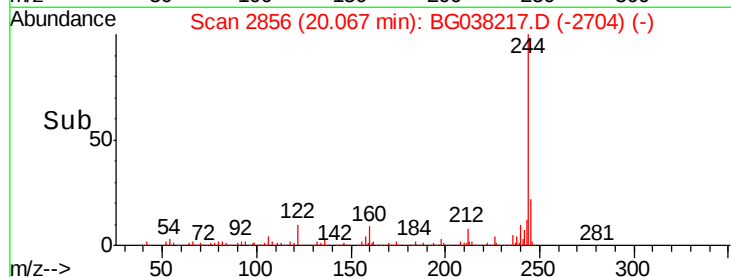
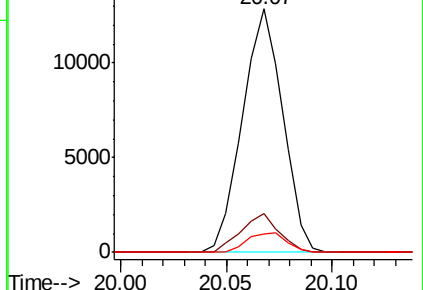
183 7.6 10.2 15.2#



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: 104.527 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG038217.D

Acq: 29 Nov 2018 2:27

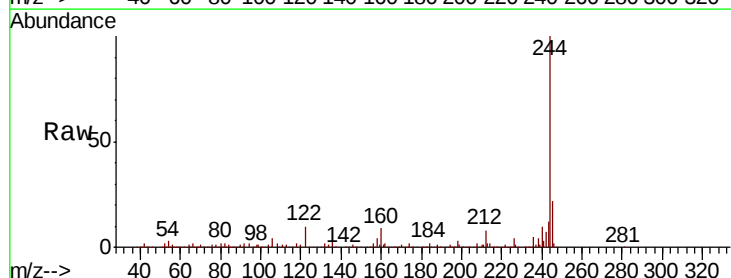
Tgt Ion:244 Resp: 922990

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

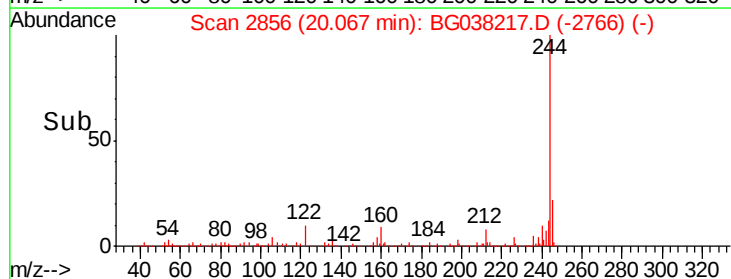
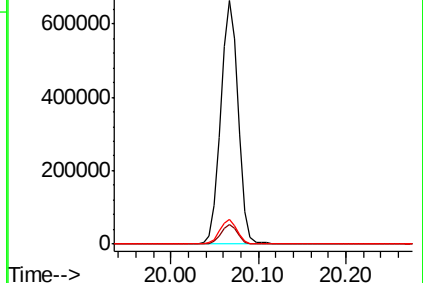
122 10.3 9.0 13.4

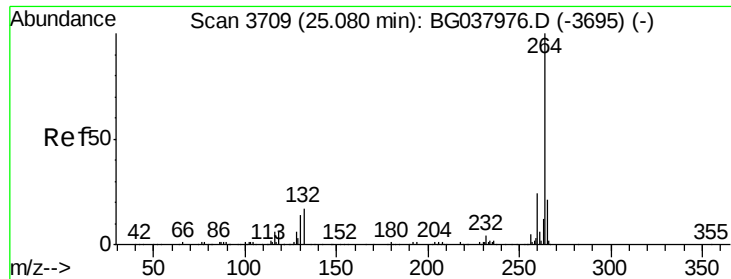


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG038217.D
Acq: 29 Nov 2018 2:27

Instrument :
BNA_G
ClientSampleId :
112318-TIPC-F-U-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.2	27.4
265	22.3	17.9	26.9

