

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061919\
 Data File : BG041347.D
 Acq On : 20 Jun 2019 4:59
 Operator : HP/JU
 Sample : K3157-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 20 06:06:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	42779	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	157397	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	110729	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	261530	20.00	ng	0.00
76) Chrysene-d12	21.74	240	244964	20.00	ng	0.00
87) Perylene-d12	25.06	264	234289	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.62	112	286816	123.19	ng	0.00
7) Phenol-d6	7.24	99	358782	106.31	ng	0.00
23) Nitrobenzene-d5	9.26	82	349894	93.49	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	216443	127.32	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	785063	96.36	ng	0.00
79) Terphenyl-d14	20.06	244	1234331	99.86	ng	0.00

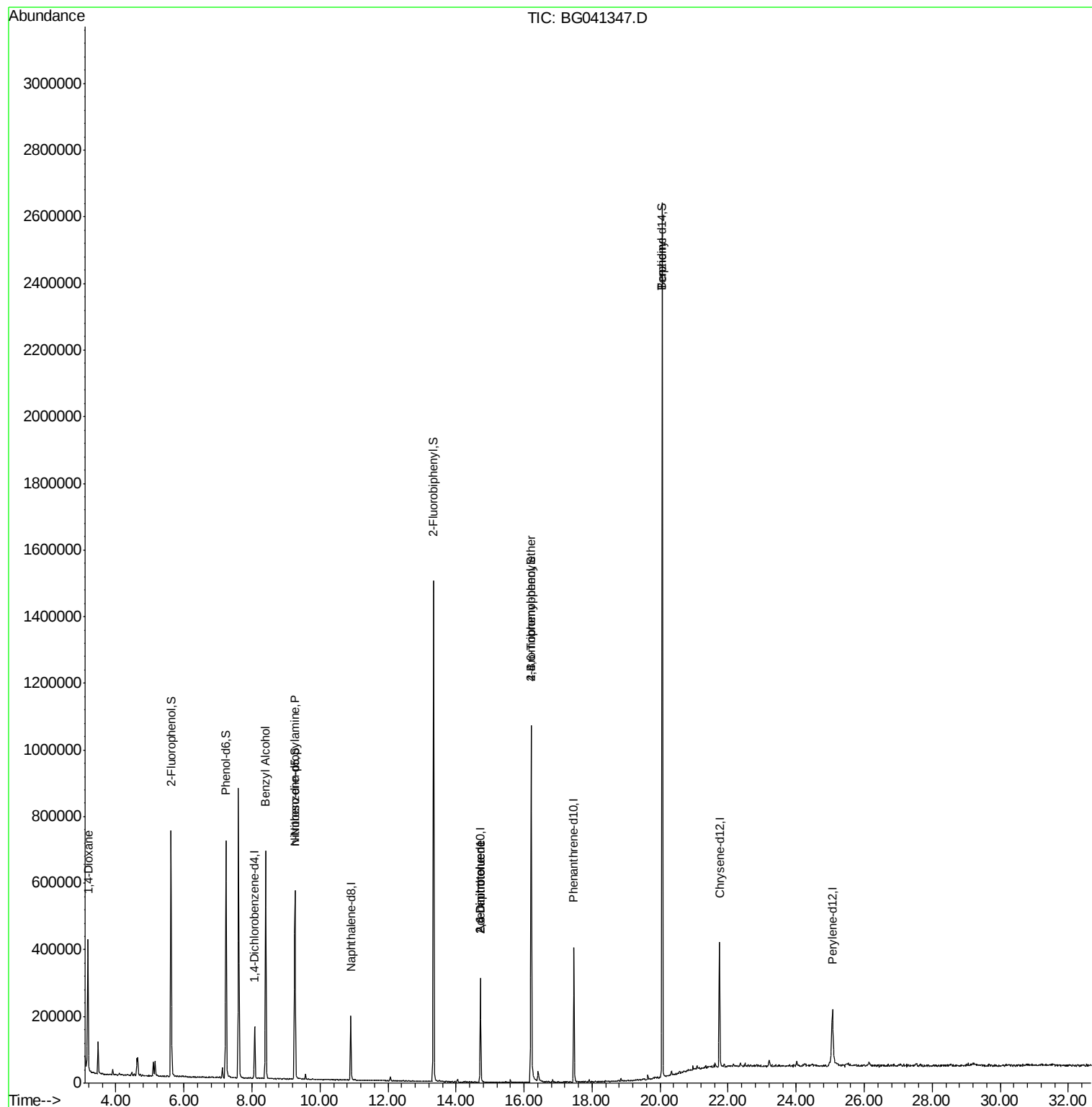
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.18	88	5017	4.297	ng	# 1
15) Benzyl Alcohol	8.41	79	6740	2.084	ng	# 46
19) n-Nitroso-di-n-propylamine	9.26	70	51700	18.941	ng	# 75
51) 2,6-Dinitrotoluene	14.72	165	14397	6.930	ng	# 15
57) 2,4-Dinitrotoluene	14.72	165	14397	4.741	ng	# 18
67) 4-Bromophenyl-phenylether	16.21	248	16128	4.769	ng	# 1
77) Benzidine	20.06	184	21327	3.599	ng	# 96

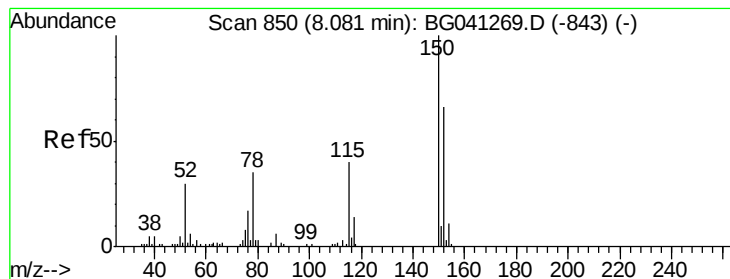
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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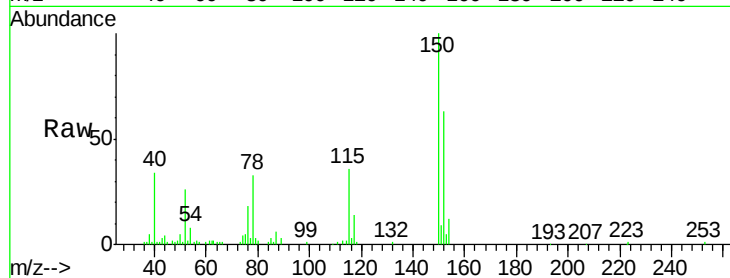


#1

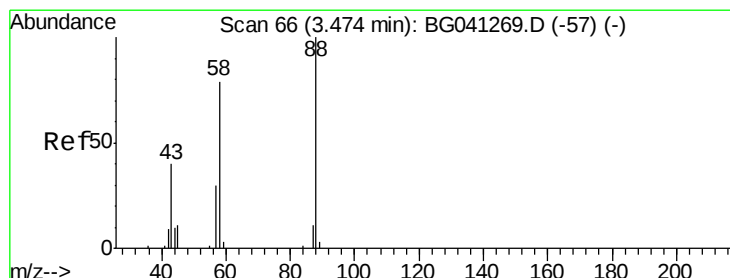
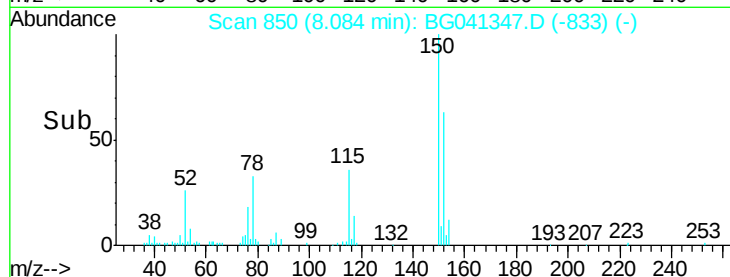
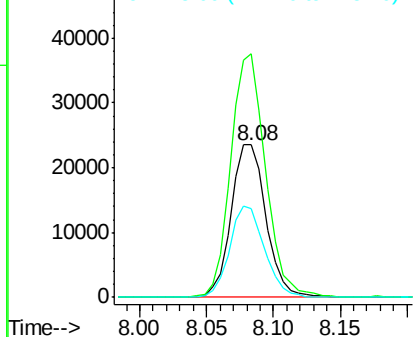
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 850
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 42779
Ion Ratio Lower Upper
152 100
150 159.5 120.6 181.0
115 58.2 47.9 71.9



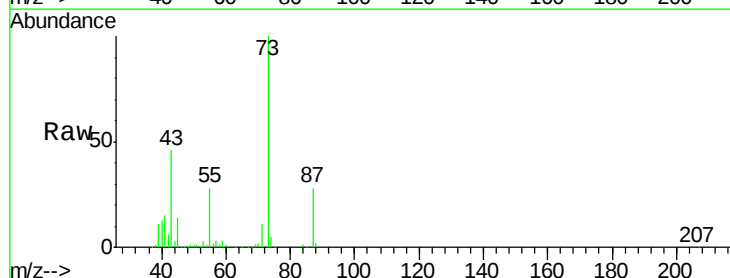
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



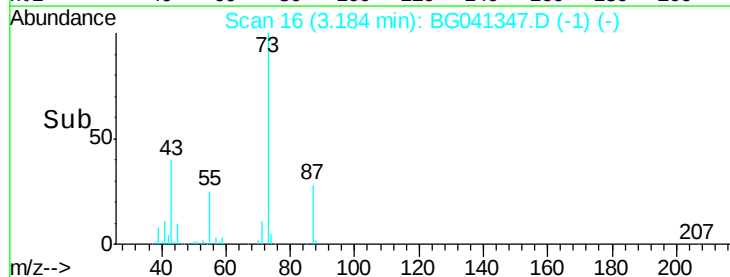
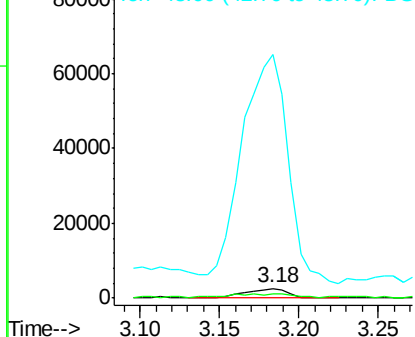
#2

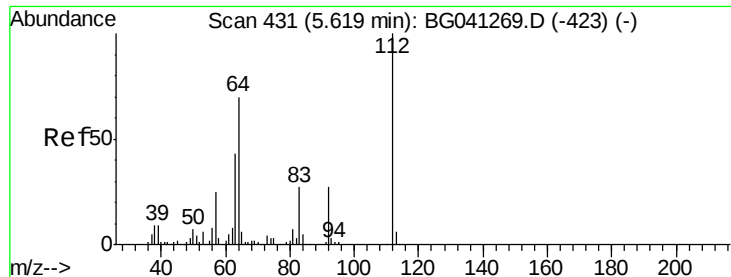
1,4-Dioxane
Concen: 4.297 ng
RT: 3.18 min Scan# 16
Delta R.T. -0.29 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion: 88 Resp: 5017
Ion Ratio Lower Upper
88 100
58 42.5 59.7 89.5#
43 2450.8 31.9 47.9#



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#5

2-Fluorophenol

Concen: 123.191 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Instrument :

BNA_G

ClientSampleId :

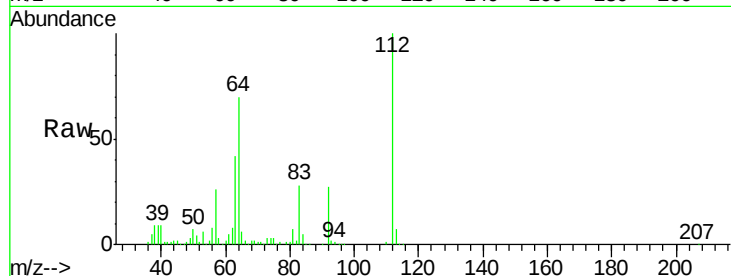
Tgt Ion: 112 Resp: 286816

Ion Ratio Lower Upper

112 100

64 70.2 55.9 83.9

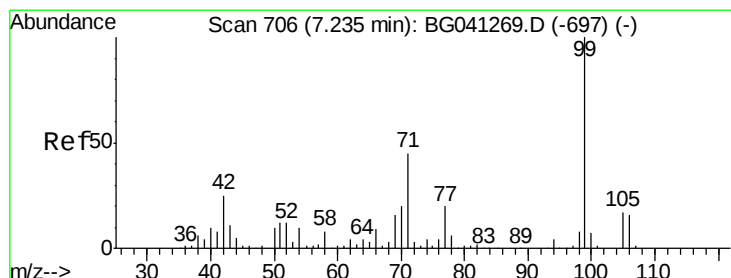
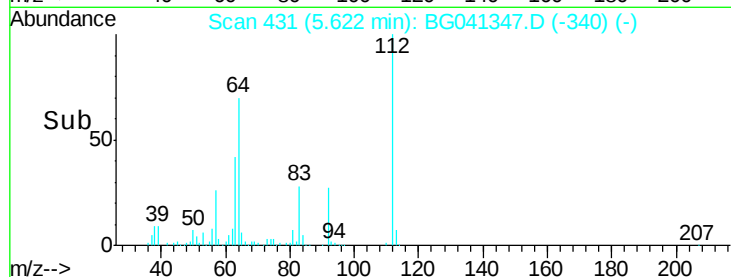
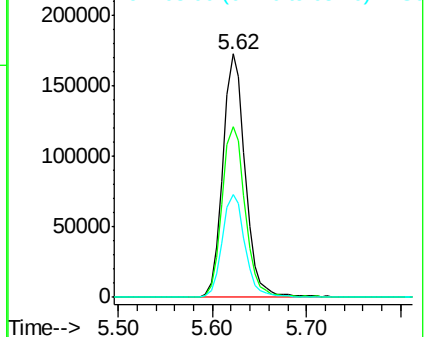
63 42.2 34.6 51.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#7

Phenol-d6

Concen: 106.313 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

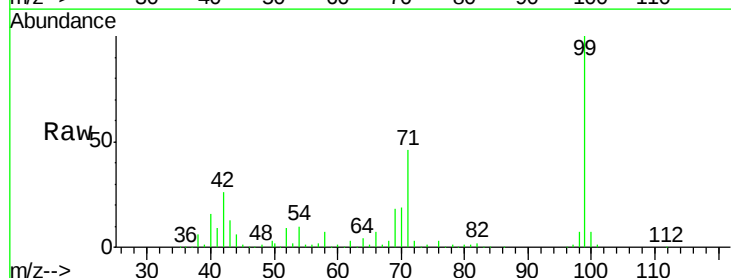
Tgt Ion: 99 Resp: 358782

Ion Ratio Lower Upper

99 100

42 25.9 19.9 29.9

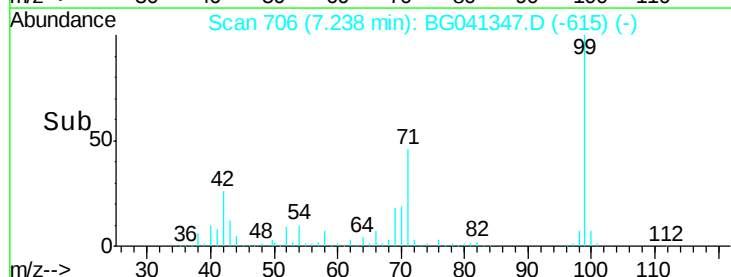
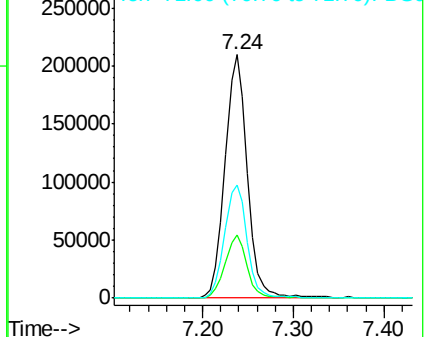
71 46.2 36.4 54.6

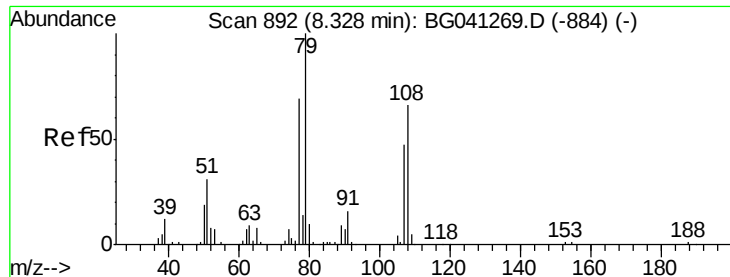


Abundance Ion 99.00 (98.70 to 99.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 71.00 (70.70 to 71.70): BGC





#15

Benzyl Alcohol

Concen: 2.084 ng

RT: 8.41 min Scan# 905

Delta R.T. 0.08 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Instrument :

BNA_G

ClientSampleId :

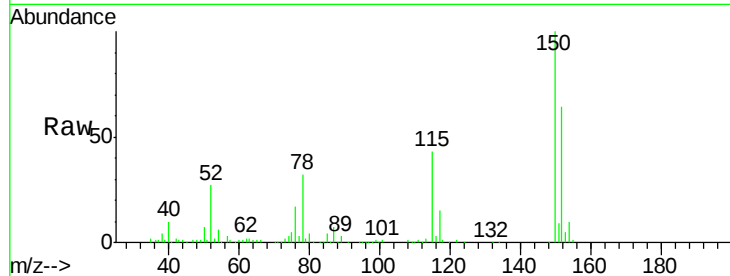
Tgt Ion: 79 Resp: 6740

Ion Ratio Lower Upper

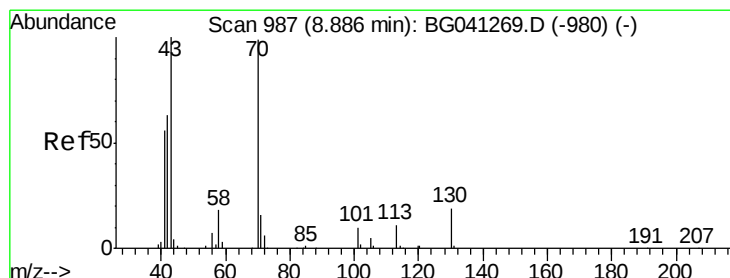
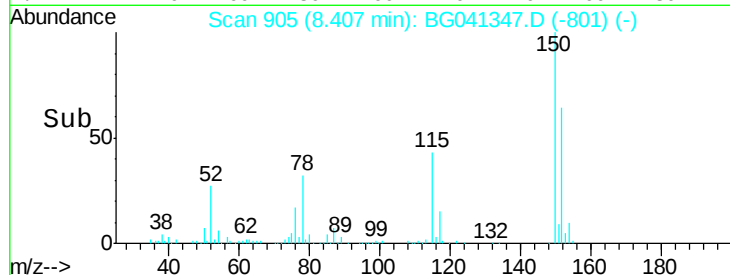
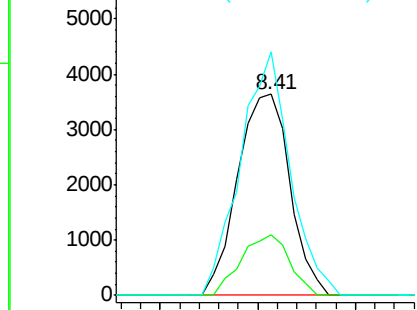
79 100

108 30.4 52.7 79.1#

77 120.9 55.2 82.8#



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: 18.941 ng

RT: 9.26 min Scan# 1051

Delta R.T. 0.38 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Tgt Ion: 70 Resp: 51700

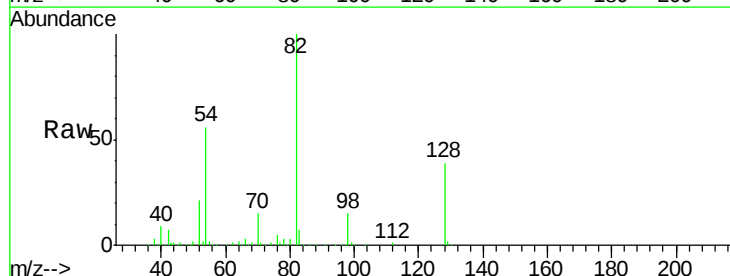
Ion Ratio Lower Upper

70 100

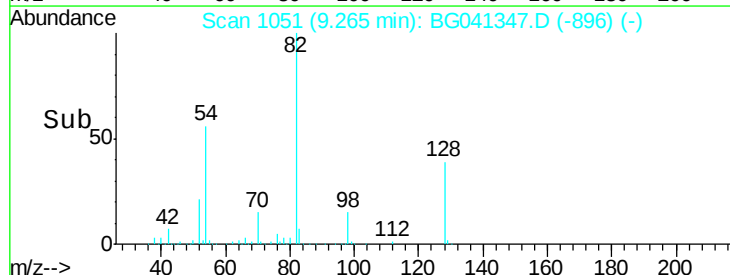
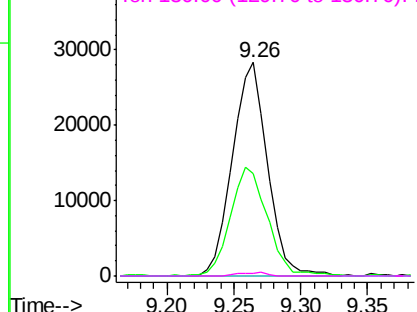
42 48.2 51.4 77.2#

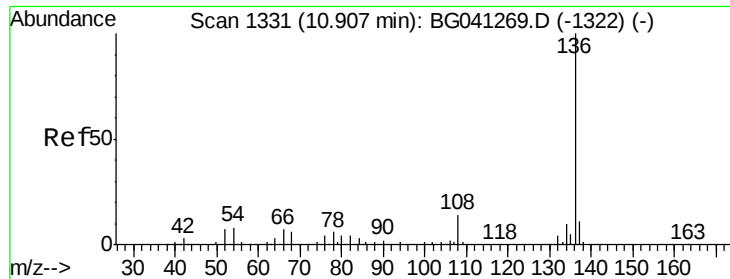
101 0.0 8.2 12.2#

130 1.0 15.2 22.8#



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

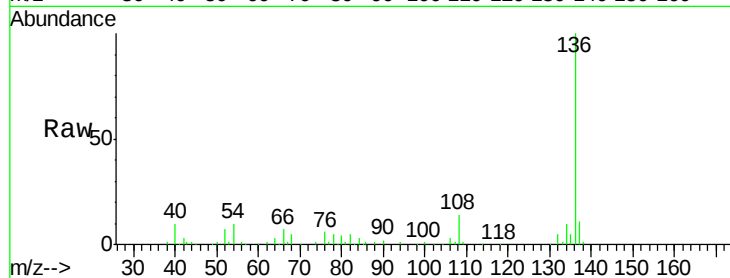




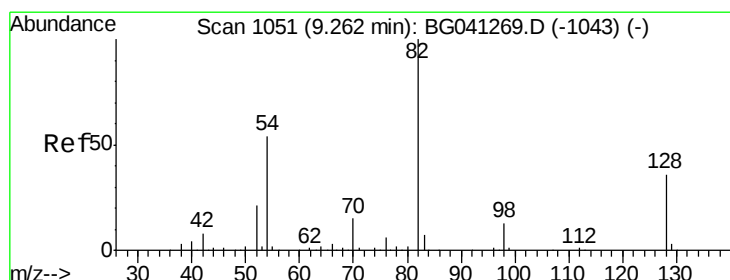
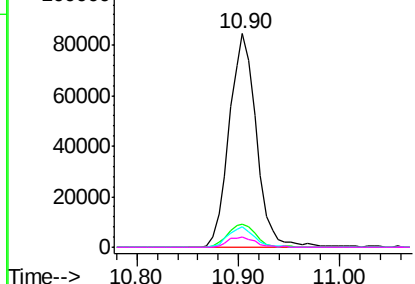
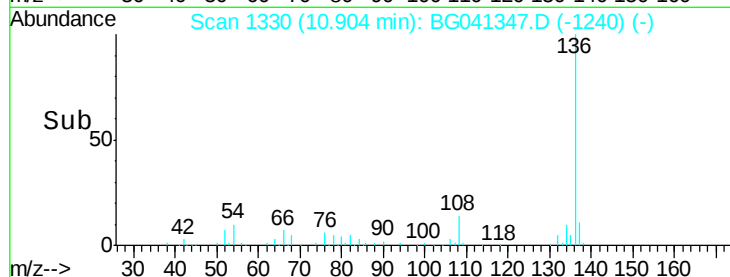
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	157397
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.8	13.2
54	9.8	6.4	9.6#
68	4.6	4.8	7.2#

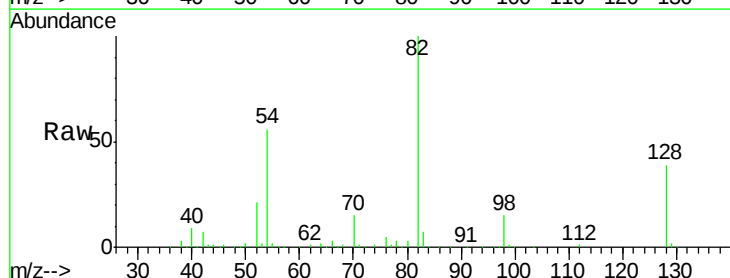


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

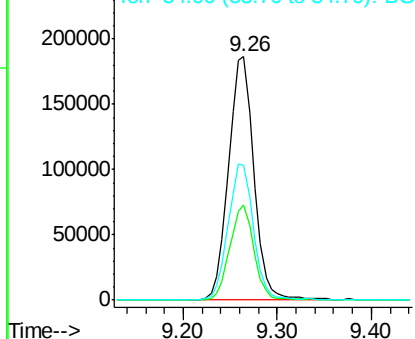
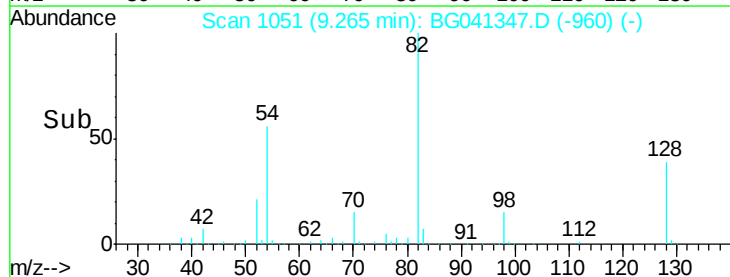


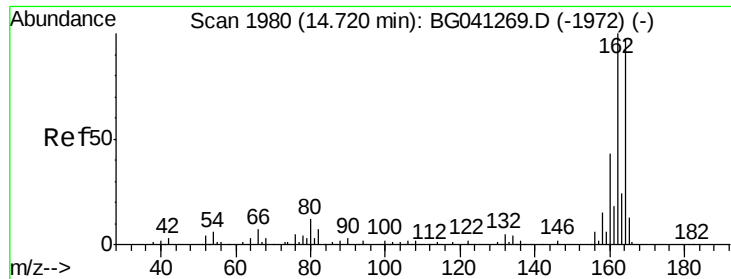
#23
Nitrobenzene-d5
Concen: 93.491 ng
RT: 9.26 min Scan# 1051
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion:	82	Resp:	349894
Ion Ratio	Lower	Upper	
82	100		
128	39.0	29.2	43.8
54	55.6	43.4	65.0



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

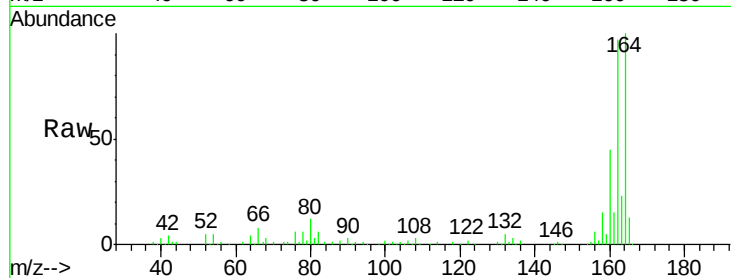




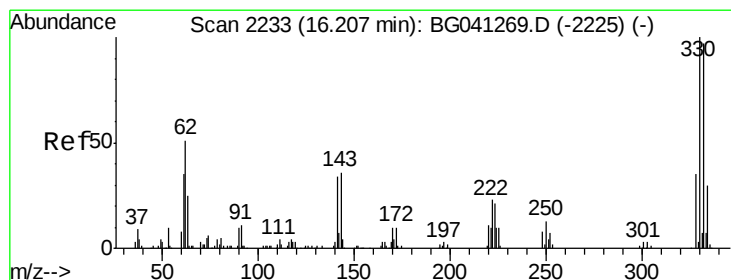
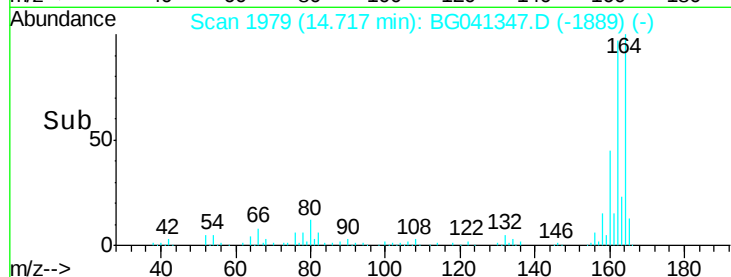
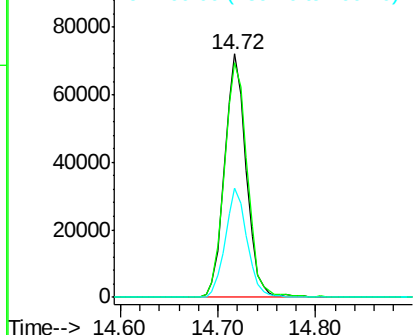
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:164 Resp: 110729
Ion Ratio Lower Upper
164 100
162 96.6 82.8 124.2
160 44.7 35.8 53.8

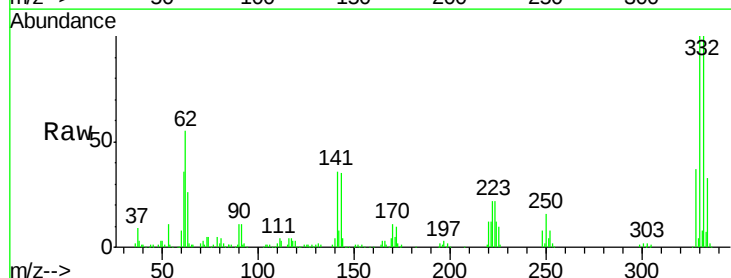


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

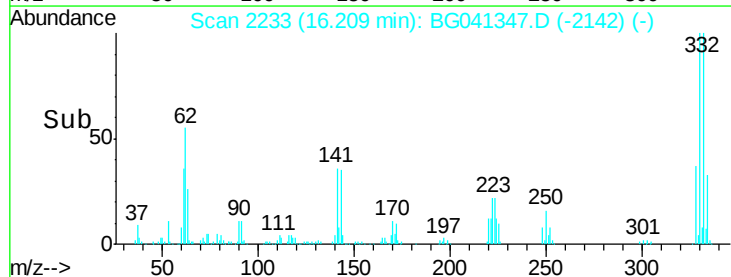
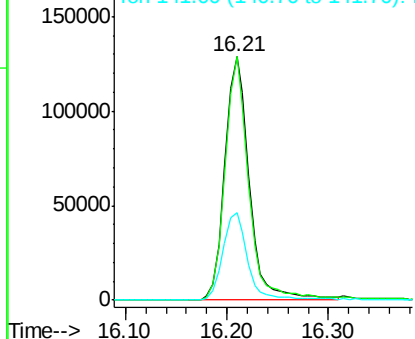


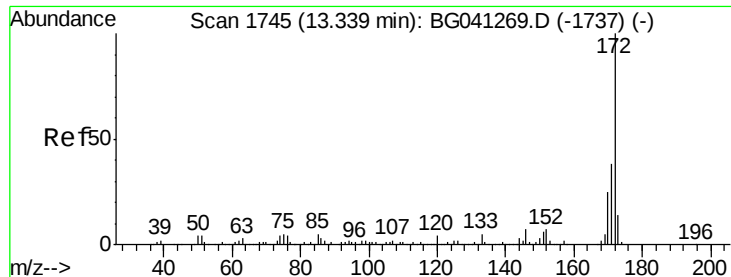
#42
2,4,6-Tribromophenol
Concen: 127.324 ng
RT: 16.21 min Scan# 2233
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion:330 Resp: 216443
Ion Ratio Lower Upper
330 100
332 98.0 75.5 113.3
141 36.3 29.0 43.4



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

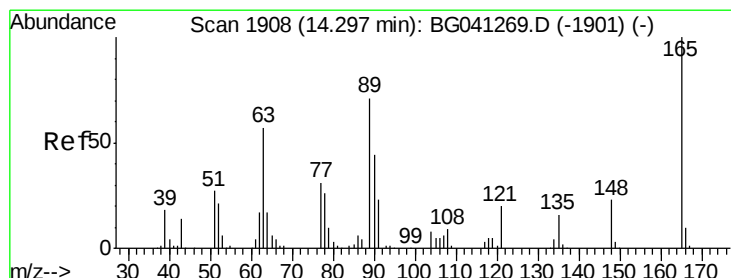
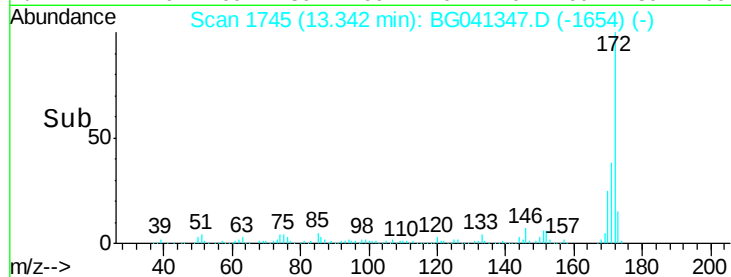
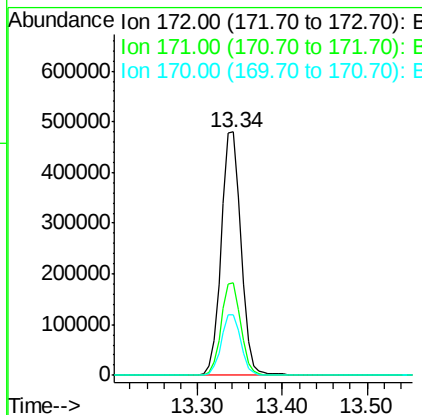
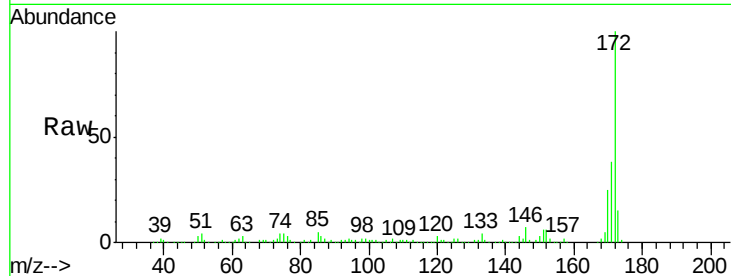




#45
 2-Fluorobiphenyl
 Concen: 96.363 ng
 RT: 13.34 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: BG041347.D
 Acq: 20 Jun 2019 4:59

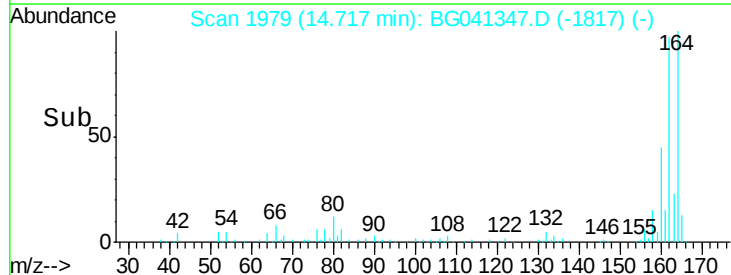
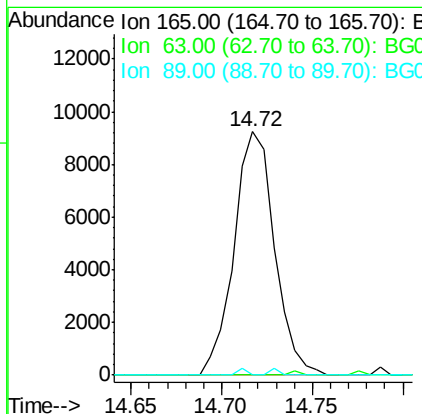
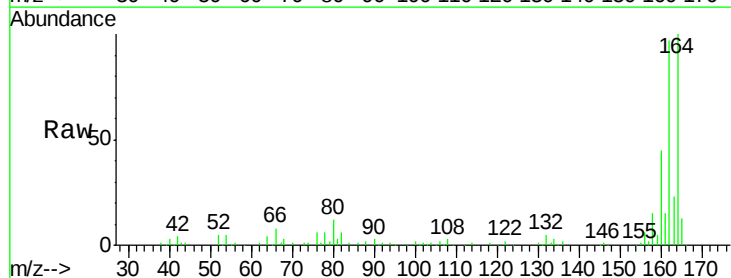
Instrument :
 BNA_G
 ClientSampleId :

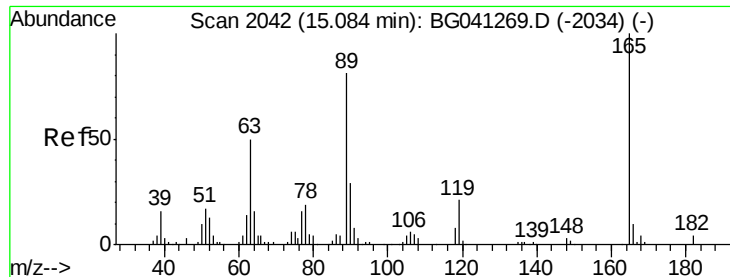
Tgt Ion:172 Resp: 785063
 Ion Ratio Lower Upper
 172 100
 171 37.9 30.0 45.0
 170 25.1 19.8 29.6



#51
 2,6-Dinitrotoluene
 Concen: 6.930 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. 0.42 min
 Lab File: BG041347.D
 Acq: 20 Jun 2019 4:59

Tgt Ion:165 Resp: 14397
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.0#
 89 0.0 56.5 84.7#

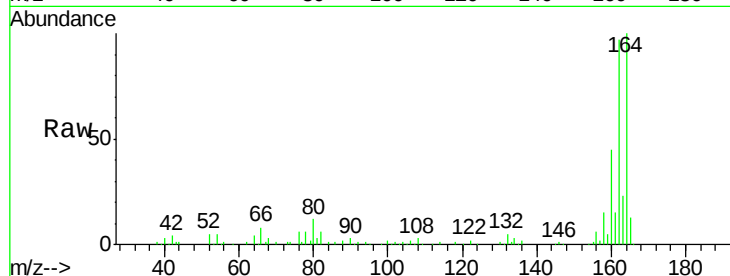




#57
 2,4-Dinitrotoluene
 Concen: 4.741 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.37 min
 Lab File: BG041347.D
 Acq: 20 Jun 2019 4:59

Instrument :
 BNA_G
 ClientSampleId :

Tgt Ion:	165	Resp:	14397
Ion Ratio	Lower	Upper	
165	100		
63	0.0	40.0	60.0#
89	0.0	64.6	96.8#
182	0.0	2.9	4.3#

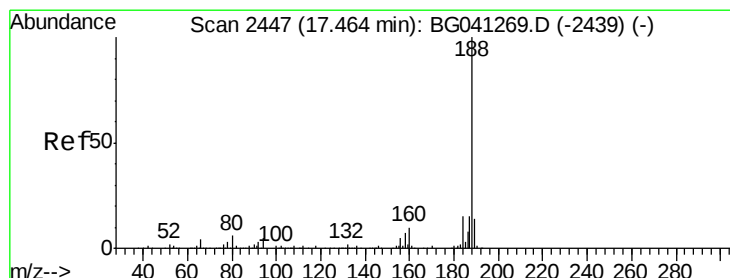
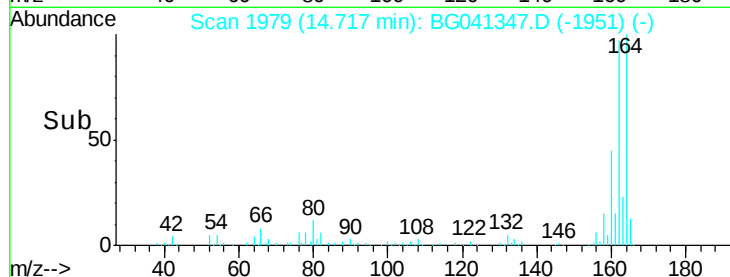
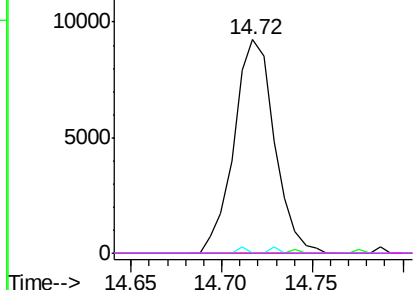


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

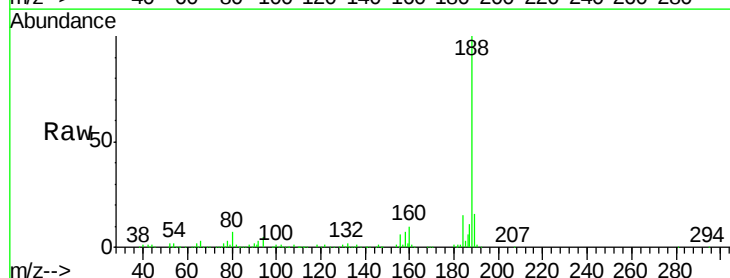
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG041347.D
 Acq: 20 Jun 2019 4:59

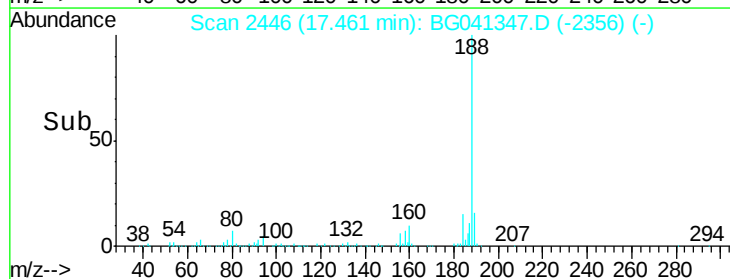
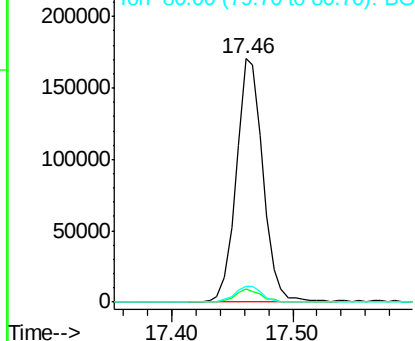
Tgt Ion:	188	Resp:	261530
Ion Ratio	Lower	Upper	
188	100		
94	5.3	3.6	5.4
80	6.6	4.8	7.2

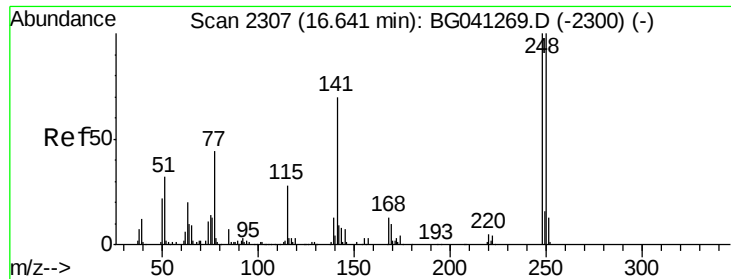


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

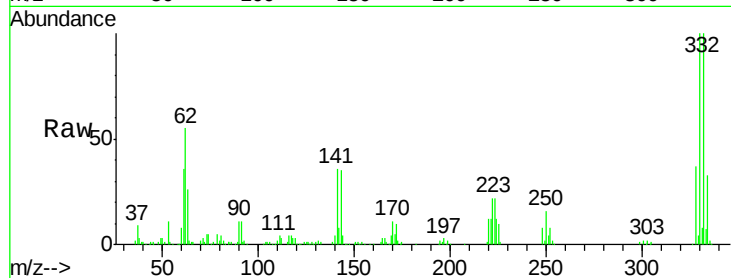




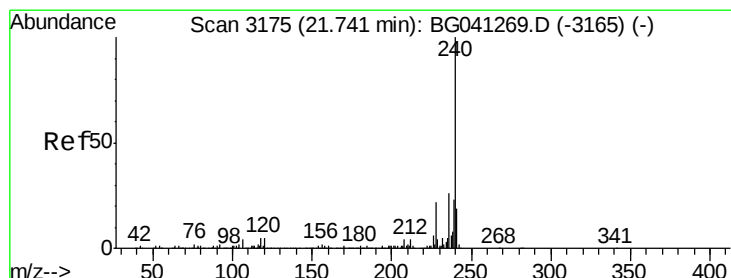
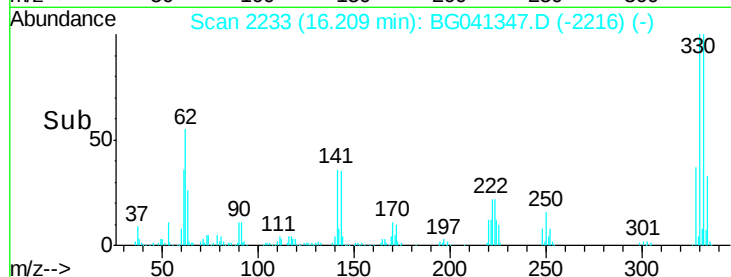
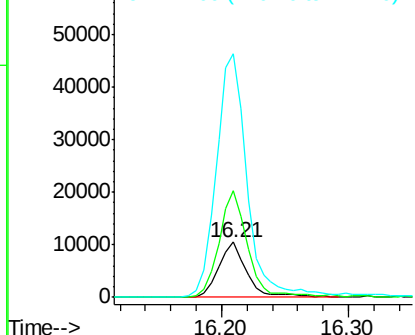
#67
4-Bromophenyl-phenylether
Concen: 4.769 ng
RT: 16.21 min Scan# 2233
Delta R.T. -0.43 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:248 Resp: 16128
Ion Ratio Lower Upper
248 100
250 193.7 79.8 119.8#
141 442.9 55.8 83.6#

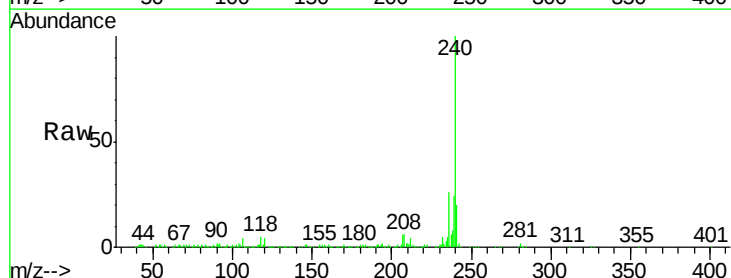


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

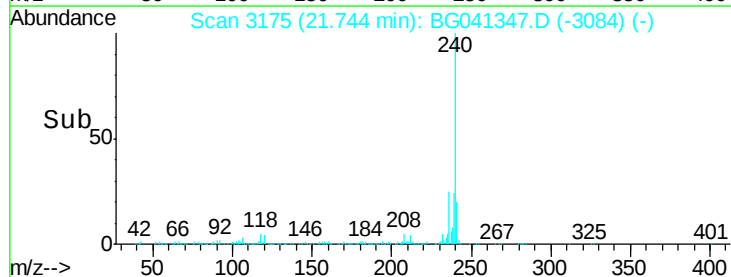
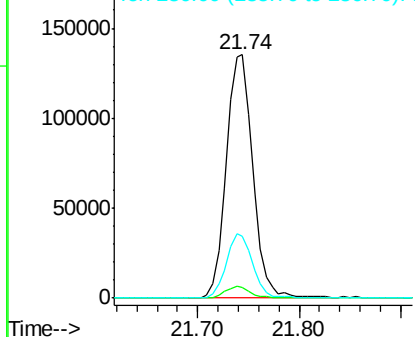


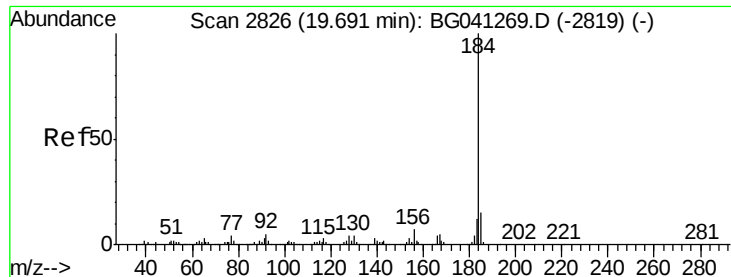
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3175
Delta R.T. 0.00 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Tgt Ion:240 Resp: 244964
Ion Ratio Lower Upper
240 100
120 4.3 3.7 5.5
236 25.5 21.1 31.7



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: 3.599 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.37 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

Instrument :

BNA_G

ClientSampleId :

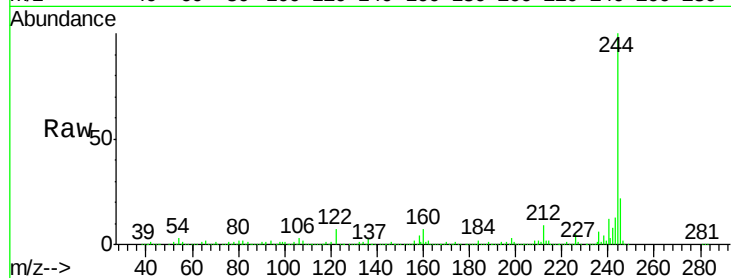
Tgt Ion:184 Resp: 21327

Ion Ratio Lower Upper

184 100

185 15.2 12.2 18.2

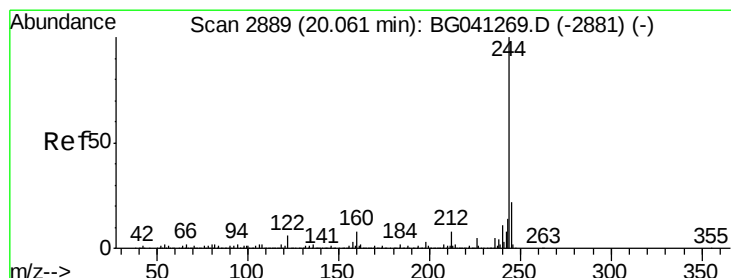
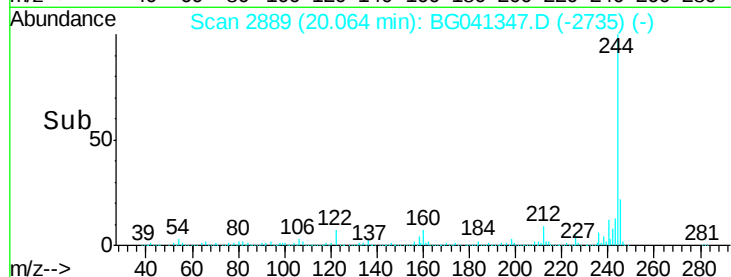
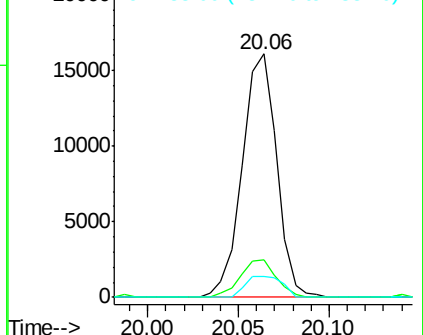
183 8.6 9.6 14.4#



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: 99.859 ng

RT: 20.06 min Scan# 2889

Delta R.T. 0.00 min

Lab File: BG041347.D

Acq: 20 Jun 2019 4:59

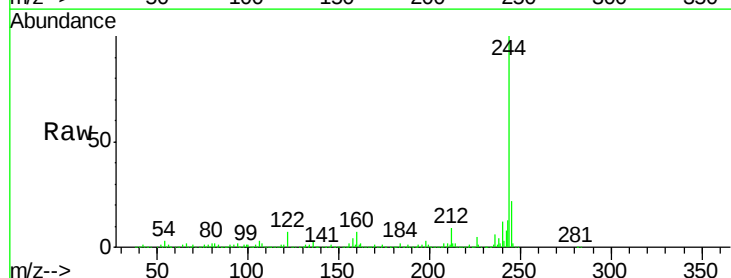
Tgt Ion:244 Resp: 1234331

Ion Ratio Lower Upper

244 100

212 8.9 6.6 10.0

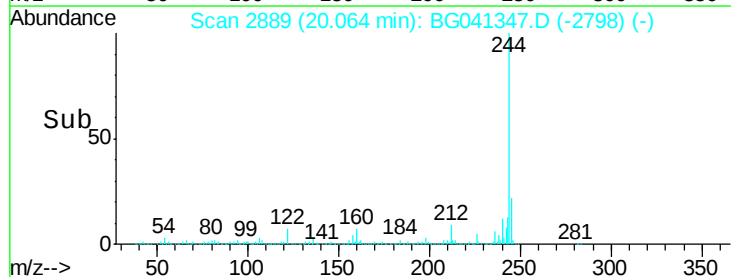
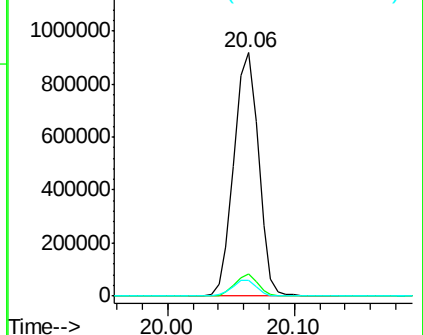
122 6.7 5.0 7.4

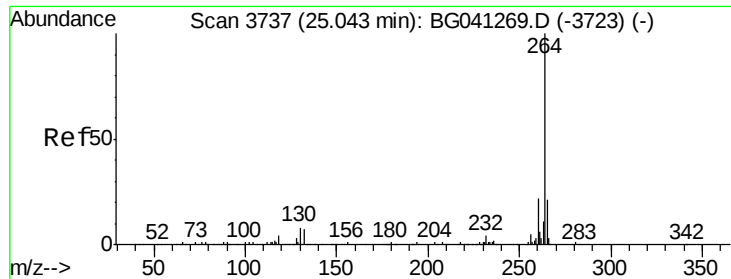


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3739
Delta R.T. 0.01 min
Lab File: BG041347.D
Acq: 20 Jun 2019 4:59

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.2
265	23.0	17.2	25.8

