

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041402.D
 Acq On : 22 Jun 2019 14:26
 Operator : HP/JU
 Sample : K3441-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-3

Quant Time: Jun 24 02:08:48 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

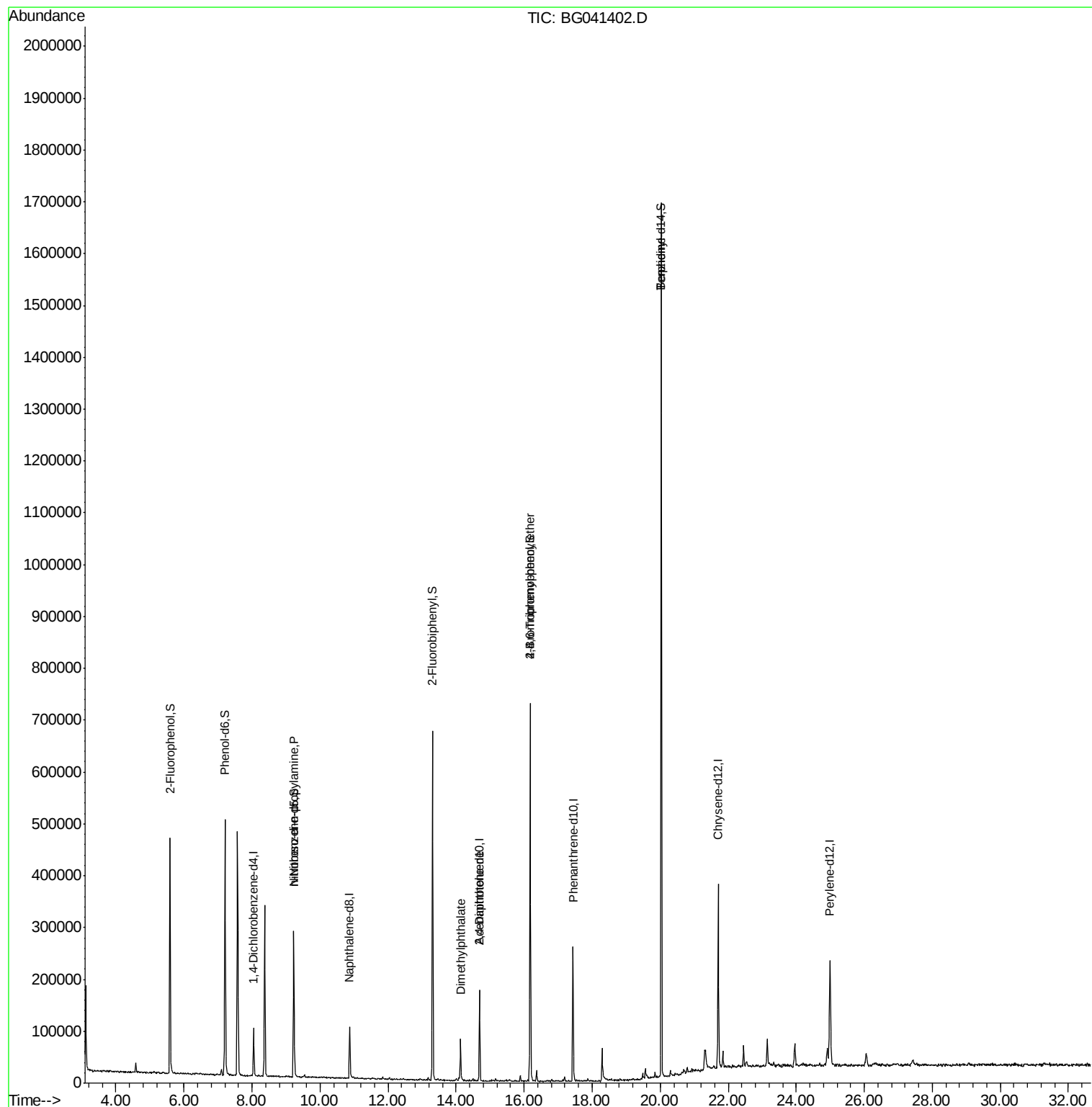
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	24434	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	88953	20.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	63405	20.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	170549	20.00	ng	-0.03
76) Chrysene-d12	21.71	240	204385	20.00	ng	-0.03
87) Perylene-d12	25.00	264	230081	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	179899	135.28	ng	-0.03
7) Phenol-d6	7.21	99	257939	133.82	ng	-0.03
23) Nitrobenzene-d5	9.23	82	176167	83.29	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	135535	139.24	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	358463	76.84	ng	-0.03
79) Terphenyl-d14	20.03	244	784502	76.07	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	25660	16.459	ng	# 75
50) Dimethylphthalate	14.13	163	50917	9.025	ng	# 95
57) 2,4-Dinitrotoluene	14.69	165	8278	4.761	ng	# 23
67) 4-Bromophenyl-phenylether	16.18	248	9746	4.419	ng	# 1
77) Benzidine	20.03	184	13086	2.647	ng	97

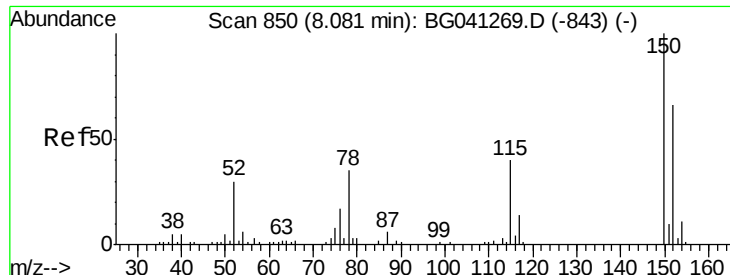
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
Data File : BG041402.D
Acq On : 22 Jun 2019 14:26
Operator : HP/JU
Sample : K3441-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

Quant Time: Jun 24 02:08:48 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



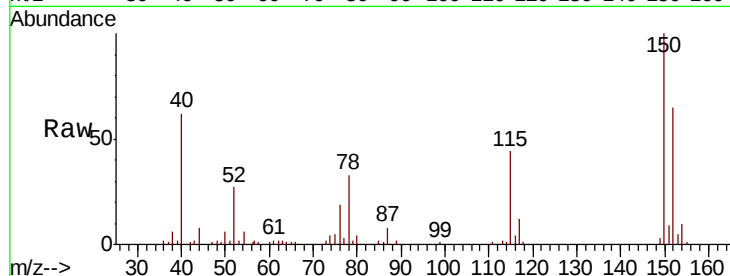


#1

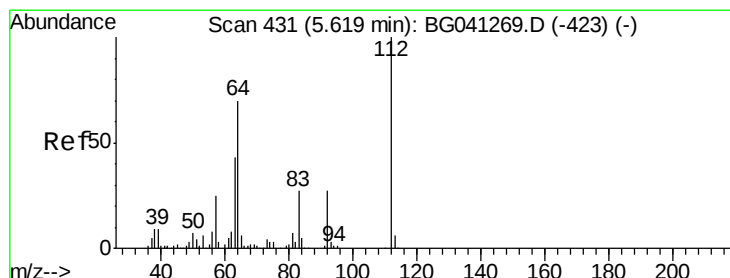
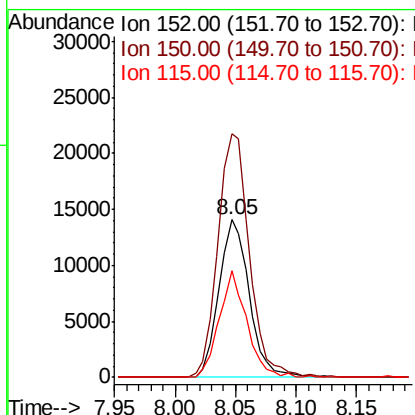
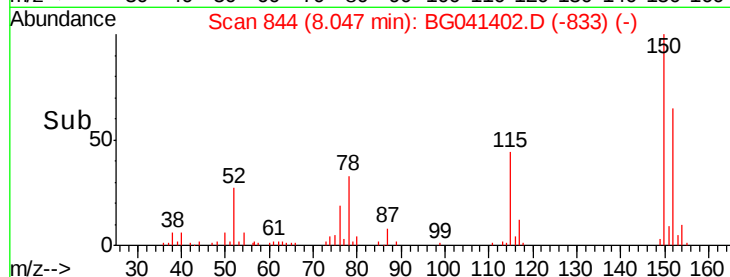
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

Tot Ion:152 Resp: 24434
Ion Ratio Lower Upper
152 100
150 154.7 120.6 181.0
115 67.9 47.9 71.9



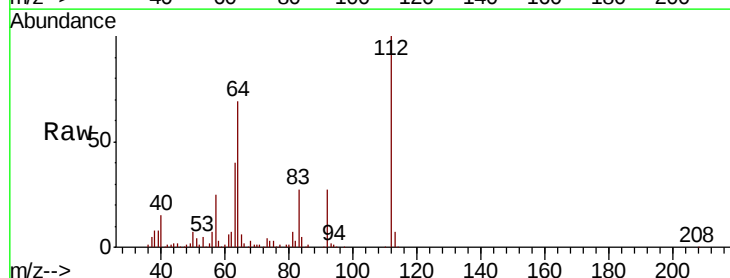
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



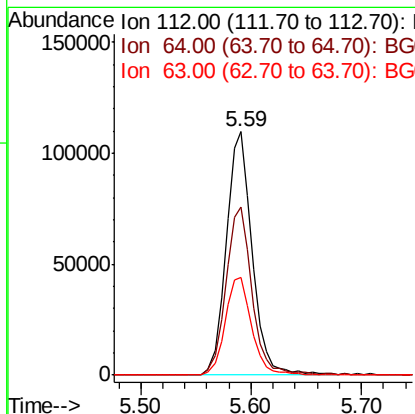
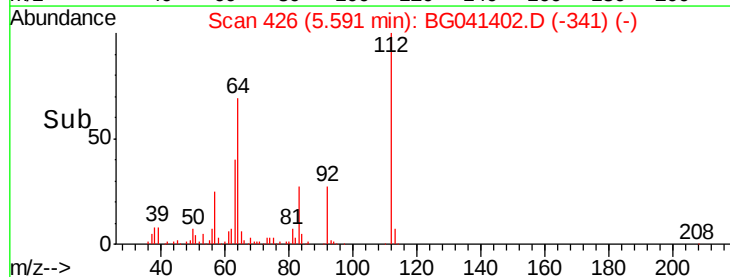
#5

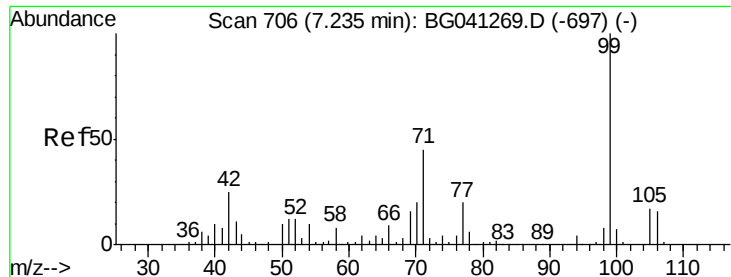
2-Fluorophenol
Concen: 135.282 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.03 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

Tgt Ion:112 Resp: 179899
Ion Ratio Lower Upper
112 100
64 68.9 55.9 83.9
63 40.2 34.6 51.8



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: 133.816 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041402.D

Acq: 22 Jun 2019 14:26

Instrument :

BNA_G

ClientSampleId :

SAMPLE-3

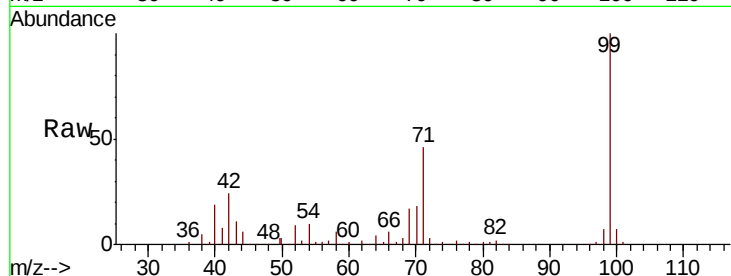
Tot Ion: 99 Resp: 257939

Ion Ratio Lower Upper

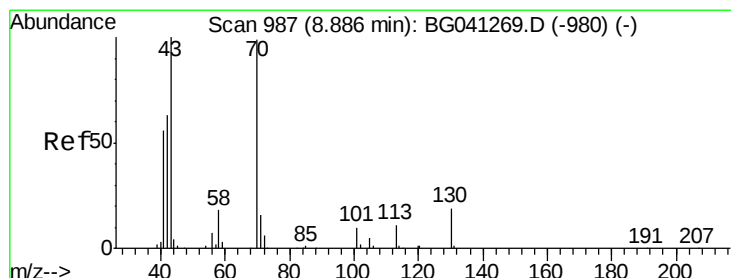
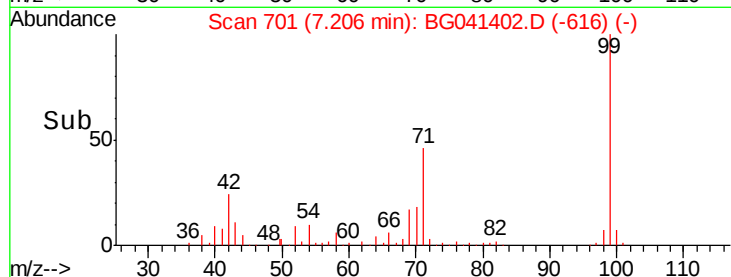
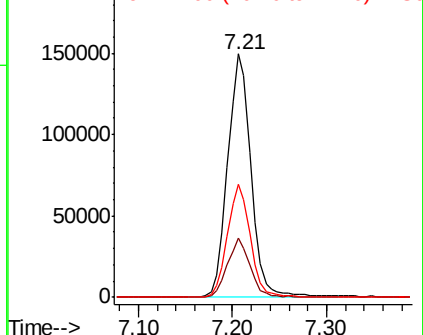
99 100

42 24.2 19.9 29.9

71 46.3 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.459 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG041402.D

Acq: 22 Jun 2019 14:26

Tgt Ion: 70 Resp: 25660

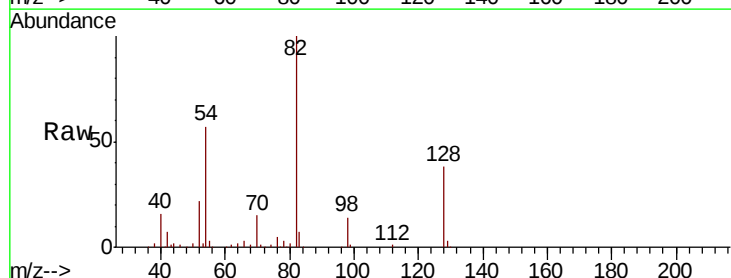
Ion Ratio Lower Upper

70 100

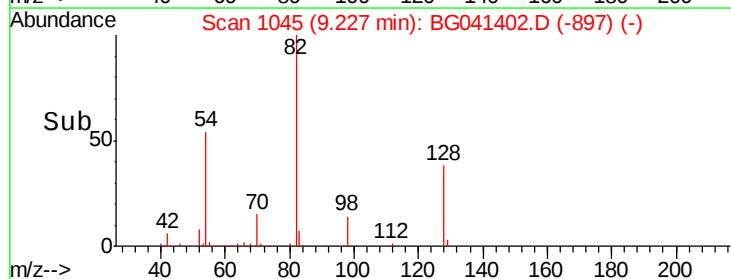
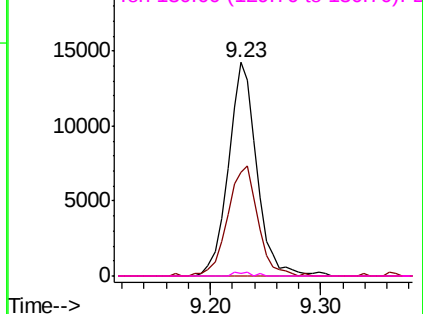
42 48.5 51.4 77.2#

101 0.0 8.2 12.2#

130 1.2 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

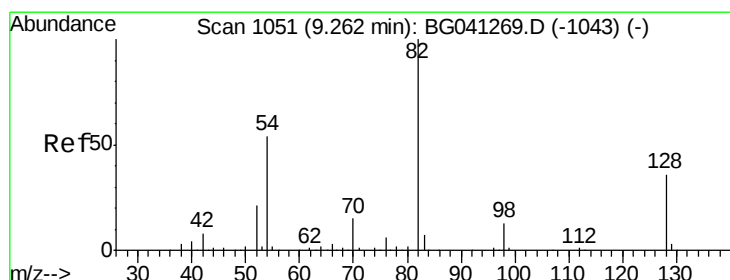
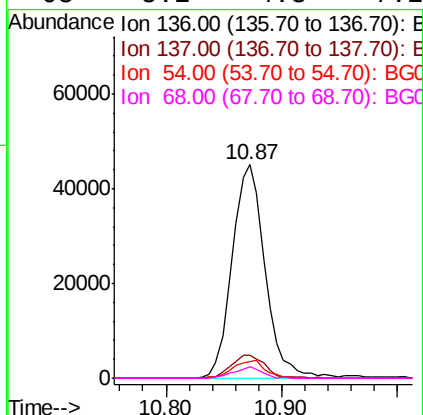
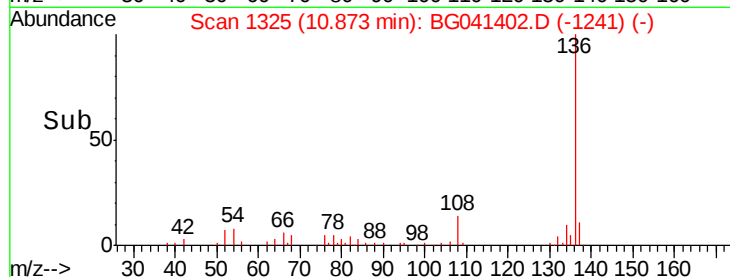
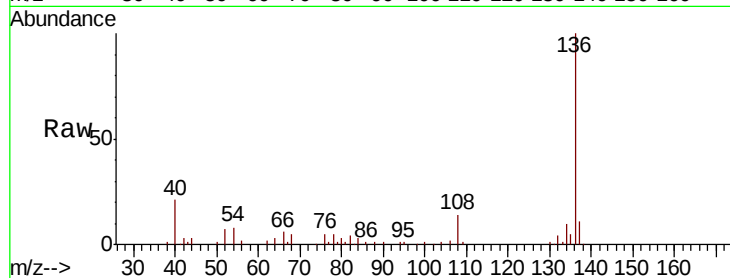




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.03 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

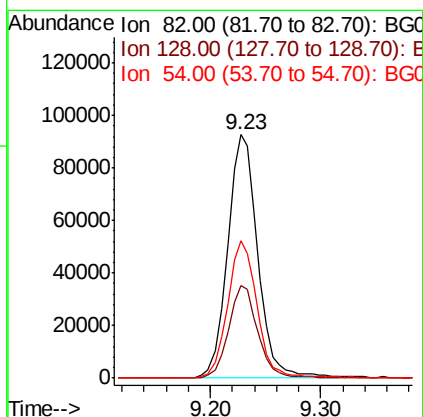
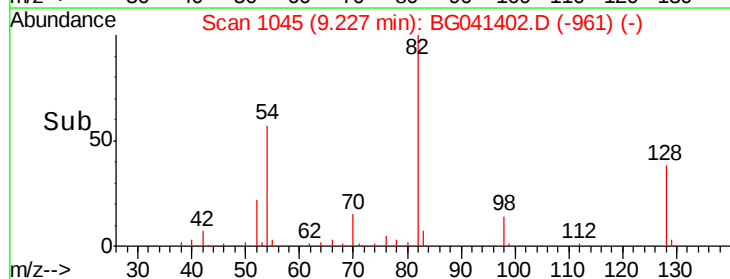
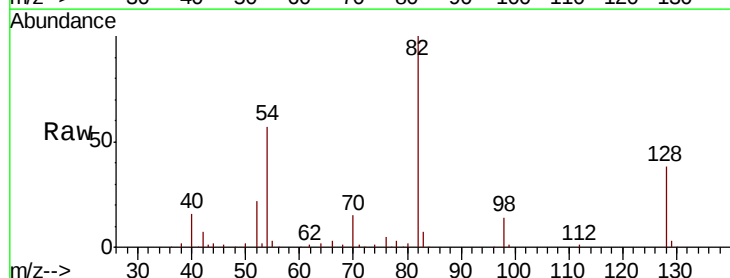
Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

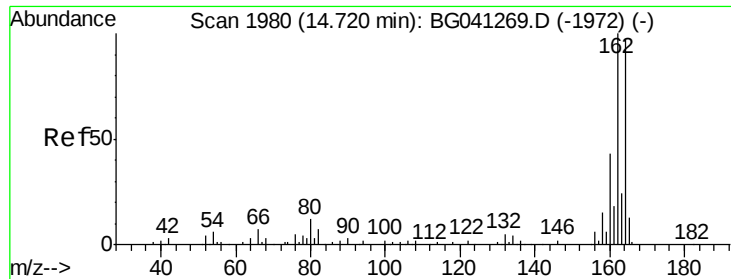
Tot Ion:136	Resp:	88953
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	8.1	6.4 9.6
68	5.2	4.8 7.2



#23
Nitrobenzene-d5
Concen: 83.290 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

Tgt Ion: 82	Resp:	176167
Ion Ratio	Lower	Upper
82	100	
128	38.2	29.2 43.8
54	56.7	43.4 65.0

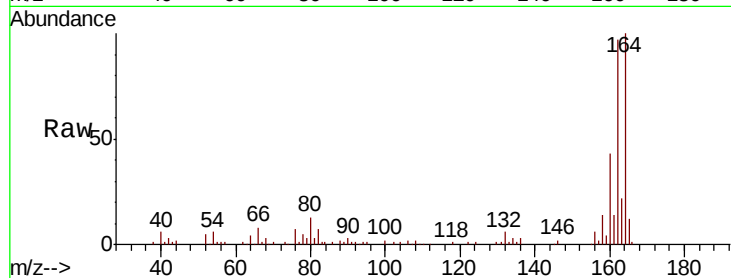




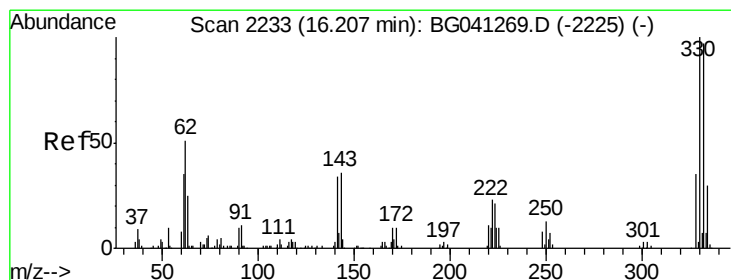
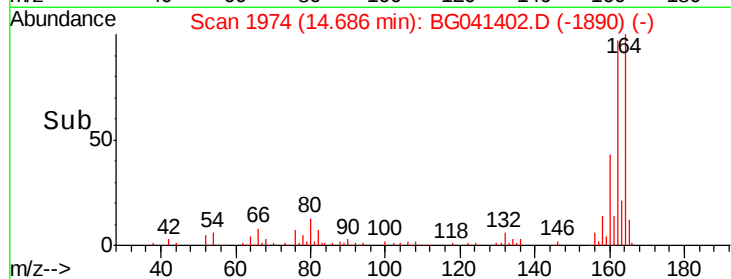
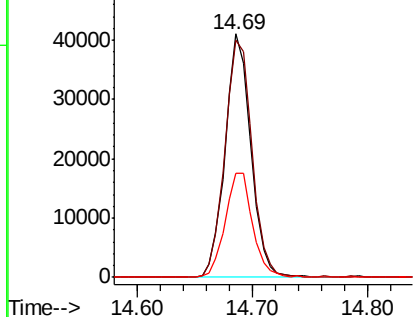
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

Instrument :
BNA_G
ClientSampled :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
164	100		
162	97.5	82.8	124.2
160	42.7	35.8	53.8

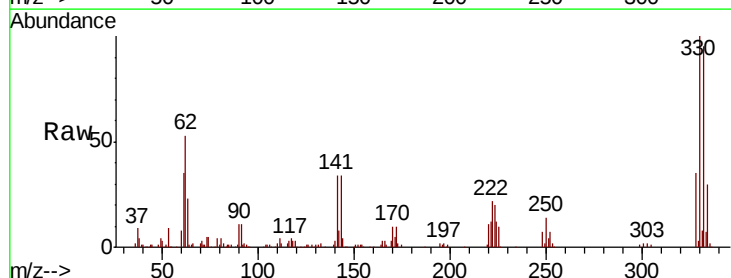


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

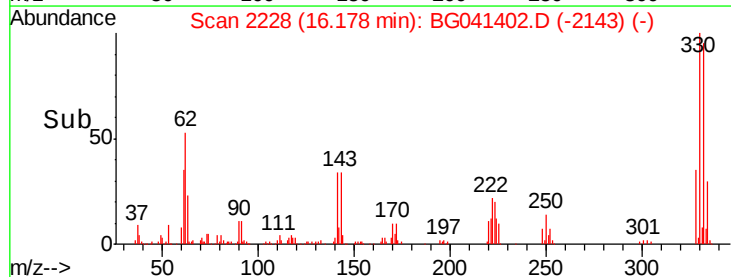
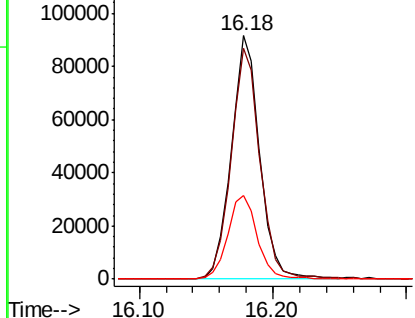


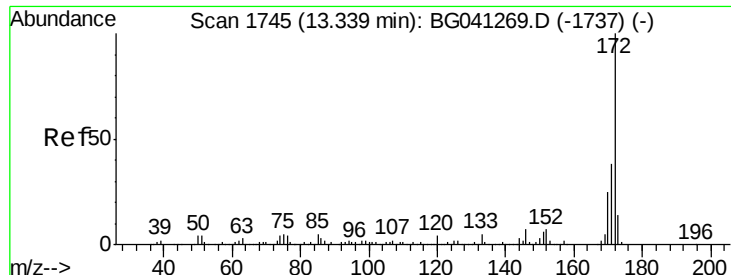
#42
2,4,6-Tribromophenol
Concen: 139.238 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	75.5	113.3
141	36.1	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: 76.840 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.03 min

Lab File: BG041402.D

Acq: 22 Jun 2019 14:26

Instrument :

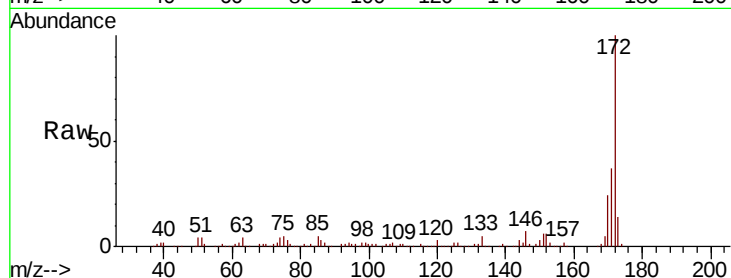
BNA_G

ClientSampleId :

SAMPLE-3

Tot Ion:172 Resp: 358463

Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.0	45.0
170	24.4	19.8	29.6

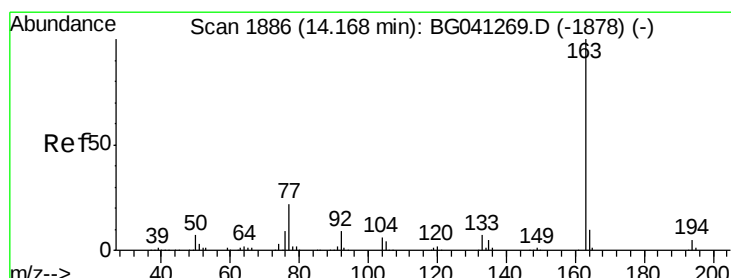
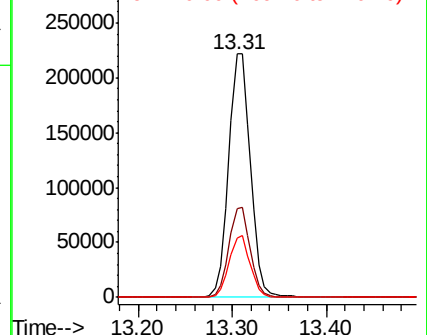
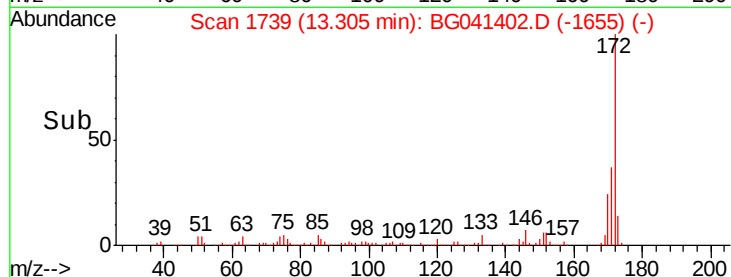


Abundance

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: 9.025 ng

RT: 14.13 min Scan# 1880

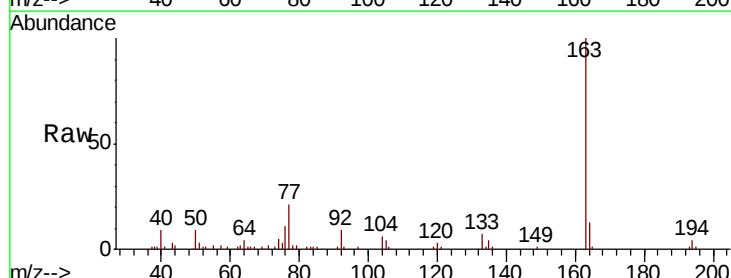
Delta R.T. -0.03 min

Lab File: BG041402.D

Acq: 22 Jun 2019 14:26

Tgt Ion:163 Resp: 50917

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.9	5.9
164	12.7	8.3	12.5#

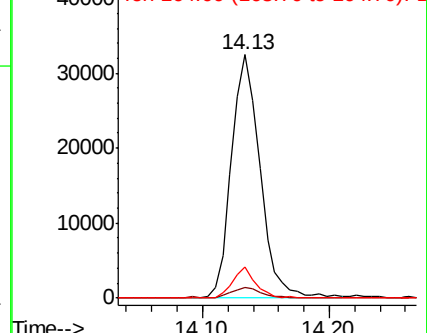
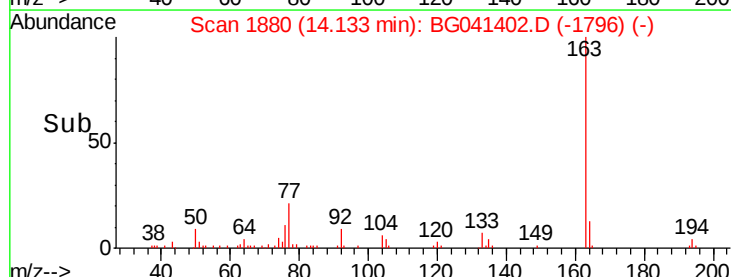


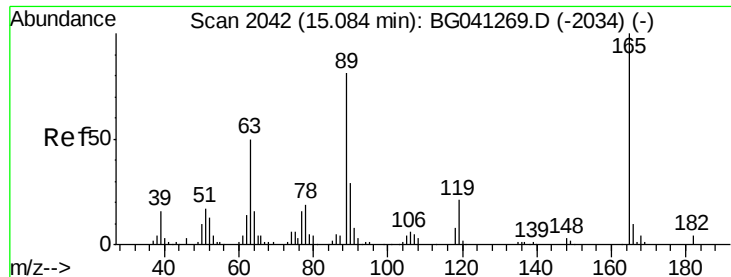
Abundance

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

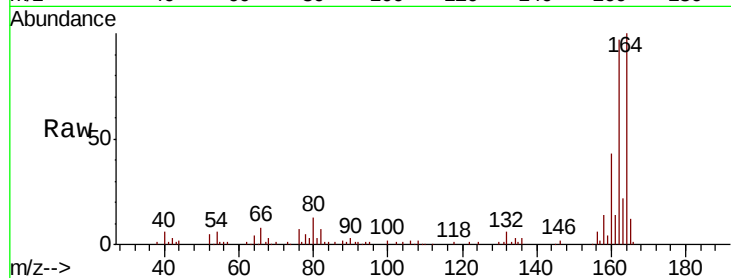




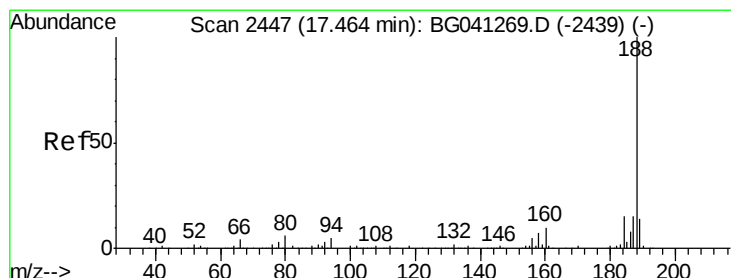
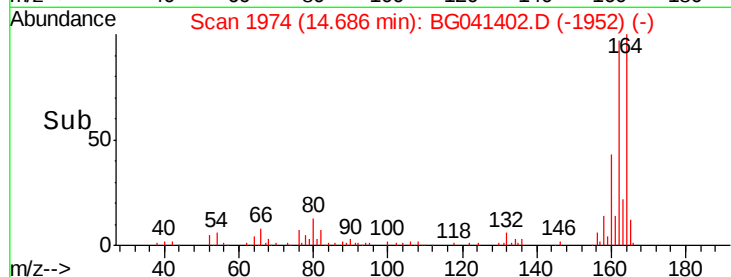
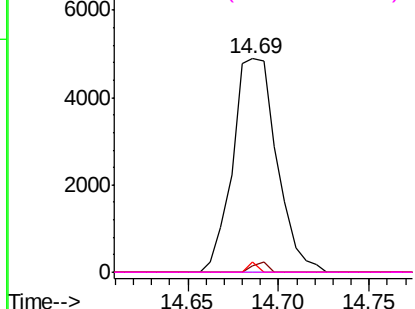
#57
 2,4-Dinitrotoluene
 Concen: 4.761 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.40 min
 Lab File: BG041402.D
 Acq: 22 Jun 2019 14:26

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-3

Tot Ion	Ratio	Lower	Upper
165	100		
63	3.2	40.0	60.0#
89	4.6	64.6	96.8#
182	0.0	2.9	4.3#



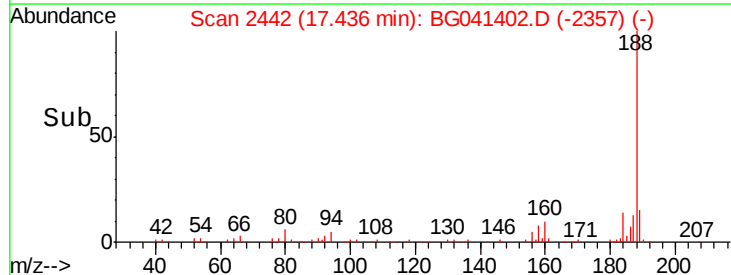
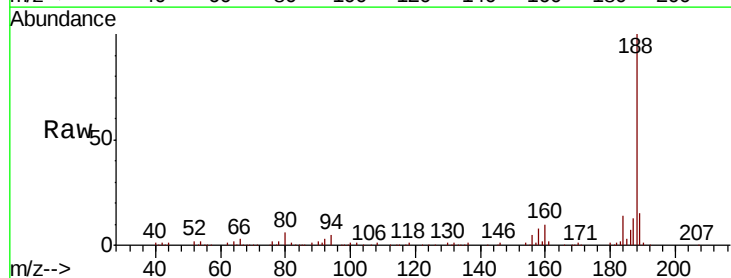
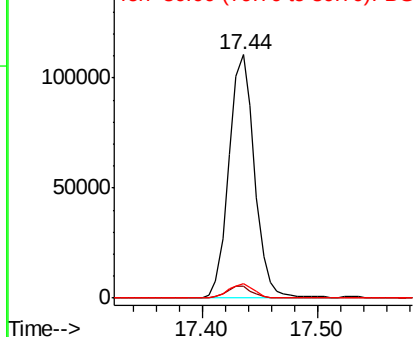
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

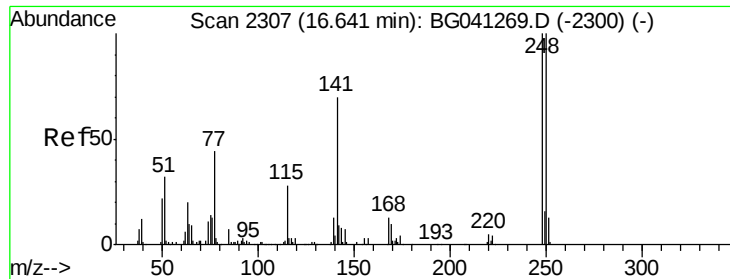


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.44 min Scan# 2442
 Delta R.T. -0.03 min
 Lab File: BG041402.D
 Acq: 22 Jun 2019 14:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.0	3.6	5.4
80	5.7	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

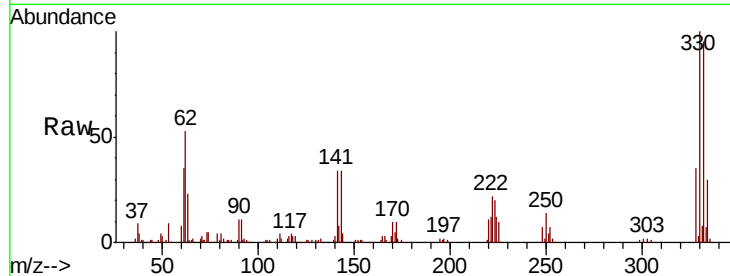




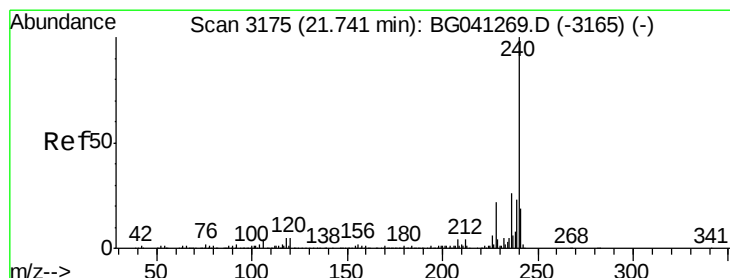
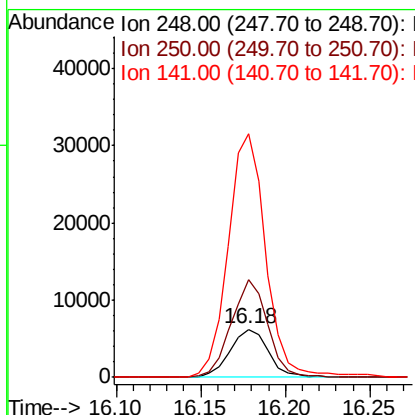
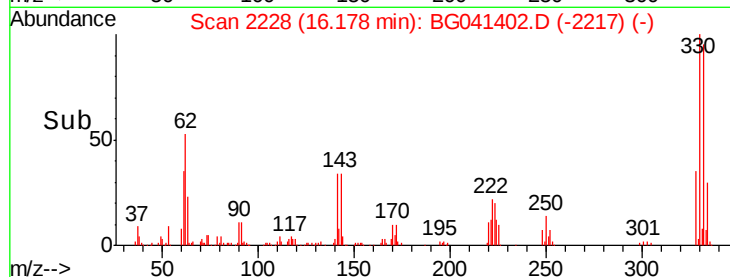
#67
 4-Bromophenyl-phenylether
 Concen: 4.419 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.46 min
 Lab File: BG041402.D
 Acq: 22 Jun 2019 14:26

Instrument :
 BNA_G
 ClientSampleId :
 SAMPLE-3

Tot Ion:248 Resp: 9746
 Ion Ratio Lower Upper
 248 100
 250 204.5 79.8 119.8#
 141 508.8 55.8 83.6#

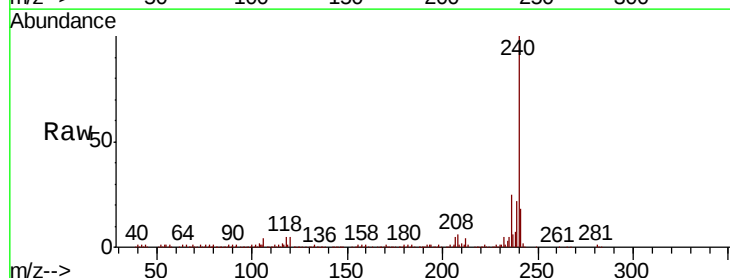


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

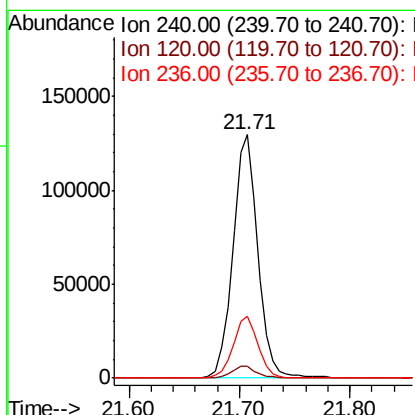
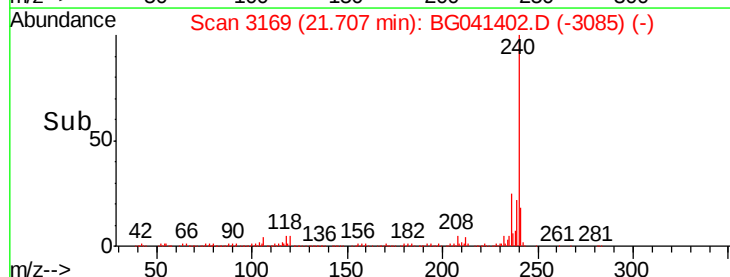


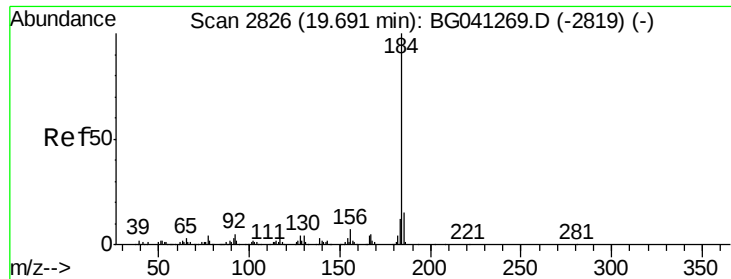
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.03 min
 Lab File: BG041402.D
 Acq: 22 Jun 2019 14:26

Tgt Ion:240 Resp: 204385
 Ion Ratio Lower Upper
 240 100
 120 5.2 3.7 5.5
 236 25.4 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: 2.647 ng

RT: 20.03 min Scan# 2884

Delta R.T. 0.34 min

Lab File: BG041402.D

Acq: 22 Jun 2019 14:26

Instrument :

BNA_G

ClientSampleId :

SAMPLE-3

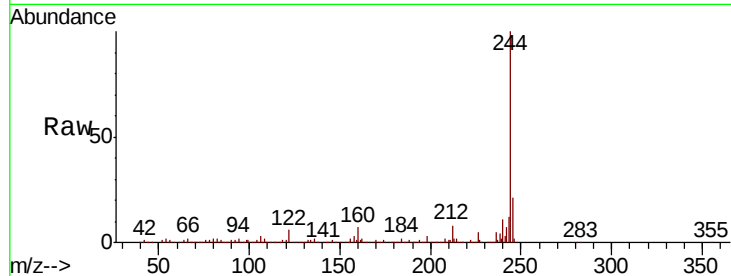
Tot Ion:184 Resp: 13086

Ion Ratio Lower Upper

184 100

185 17.1 12.2 18.2

183 12.0 9.6 14.4

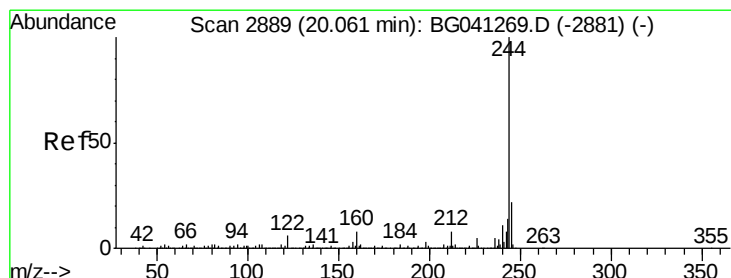
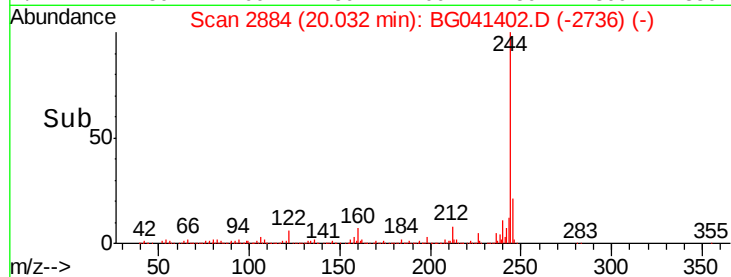
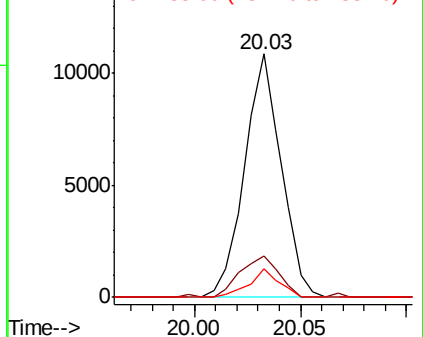


Abundance

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: 76.068 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041402.D

Acq: 22 Jun 2019 14:26

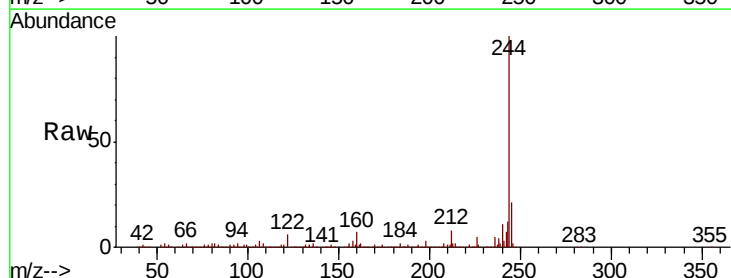
Tgt Ion:244 Resp: 784502

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 6.2 5.0 7.4

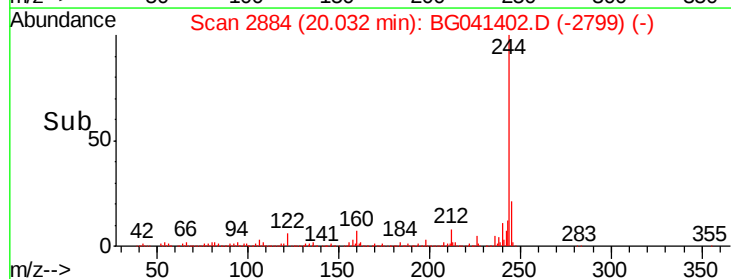
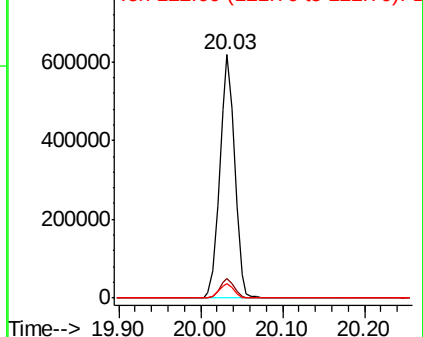


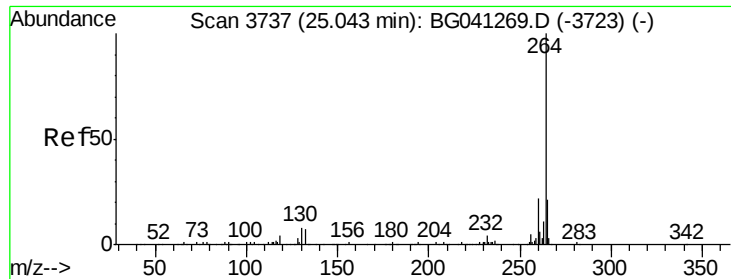
Abundance

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
Pervlene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG041402.D
Acq: 22 Jun 2019 14:26

Instrument :
BNA_G
ClientSampleId :
SAMPLE-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	17.4	26.2
265	21.2	17.2	25.8

