

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
 Data File : BG041373.D
 Acq On : 21 Jun 2019 11:31
 Operator : HP/JU
 Sample : PB120785BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120785BL

Quant Time: Jun 21 15:08:54 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

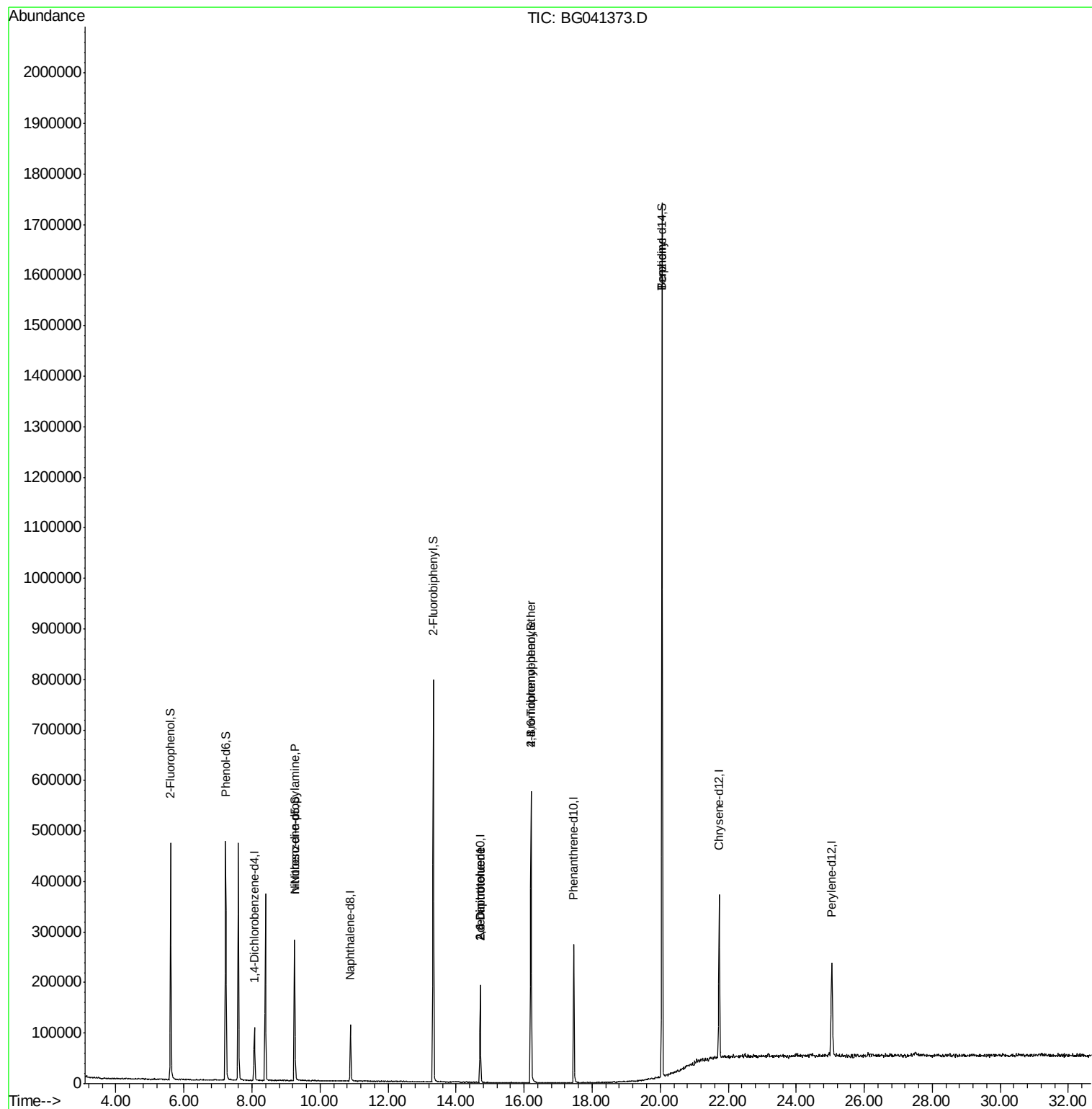
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	28086	20.00	ng	-0.01
21) Naphthalene-d8	10.90	136	100068	20.00	ng	-0.01
39) Acenaphthene-d10	14.71	164	68765	20.00	ng	-0.01
64) Phenanthrene-d10	17.46	188	180983	20.00	ng	0.00
76) Chrysene-d12	21.73	240	206905	20.00	ng	-0.01
87) Perylene-d12	25.04	264	218372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	184284	120.56	ng	-0.01
7) Phenol-d6	7.23	99	257148	116.06	ng	0.00
23) Nitrobenzene-d5	9.25	82	179206	75.32	ng	-0.01
42) 2,4,6-Tribromophenol	16.20	330	118536	112.28	ng	0.00
45) 2-Fluorobiphenyl	13.33	172	411555	81.34	ng	-0.01
79) Terphenyl-d14	20.06	244	837690	80.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	26433	14.750	ng	# 68
51) 2,6-Dinitrotoluene	14.71	165	8450	6.550	ng	# 15
57) 2,4-Dinitrotoluene	14.71	165	8450	4.481	ng	# 18
67) 4-Bromophenyl-phenylether	16.20	248	8348	3.567	ng	# 1
77) Benzidine	20.05	184	13409	2.679	ng	# 90

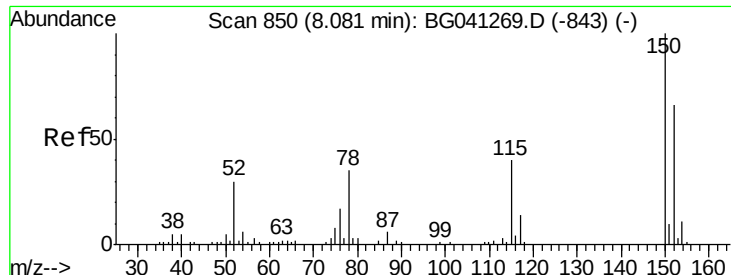
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041373.D
Acq On : 21 Jun 2019 11:31
Operator : HP/JU
Sample : PB120785BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120785BL

Quant Time: Jun 21 15:08:54 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



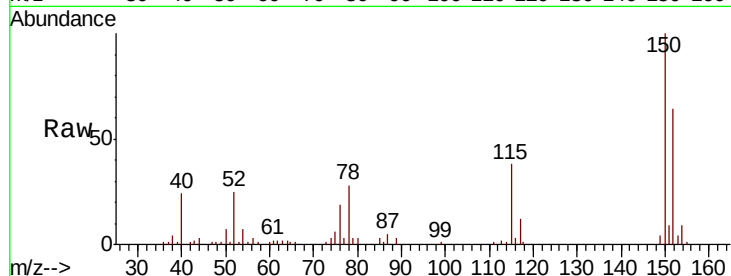


#1

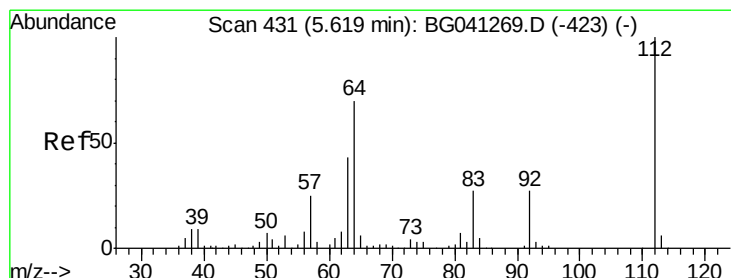
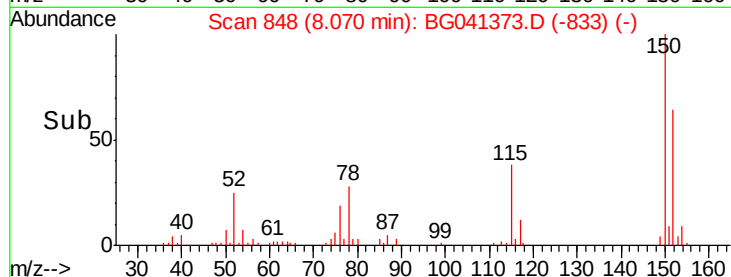
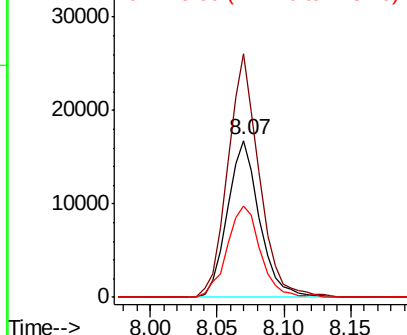
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

Instrument :
BNA_G
ClientSampleId :
PB120785BL

Tot Ion:152 Resp: 28086
Ion Ratio Lower Upper
152 100
150 155.1 120.6 181.0
115 58.2 47.9 71.9



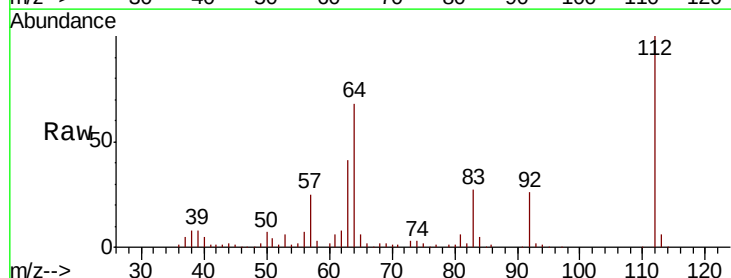
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



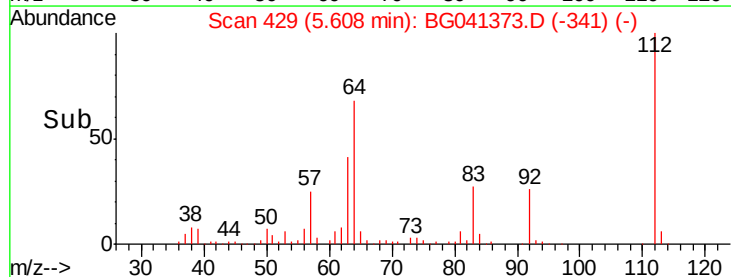
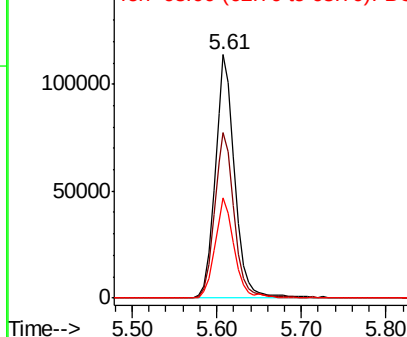
#5

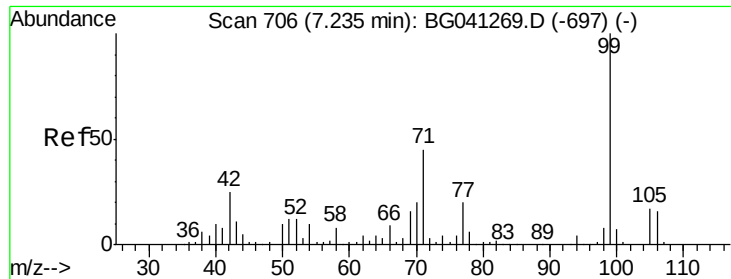
2-Fluorophenol
Concen: 120.560 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

Tgt Ion:112 Resp: 184284
Ion Ratio Lower Upper
112 100
64 67.9 55.9 83.9
63 41.1 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: 116.059 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.01 min

Lab File: BG041373.D

Acq: 21 Jun 2019 11:31

Instrument :

BNA_G

ClientSampleId :

PB120785BL

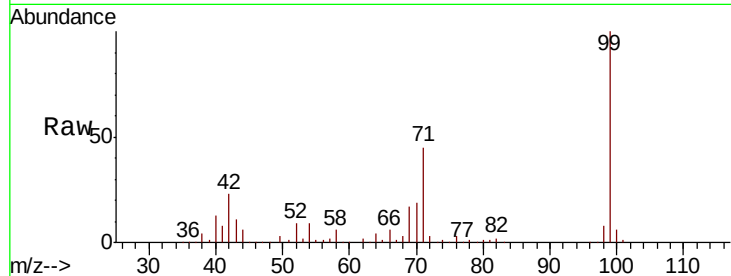
Tot Ion: 99 Resp: 257148

Ion Ratio Lower Upper

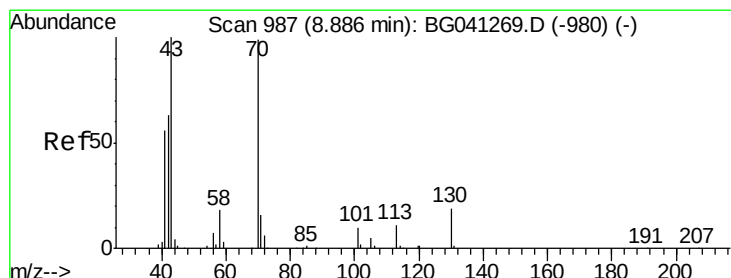
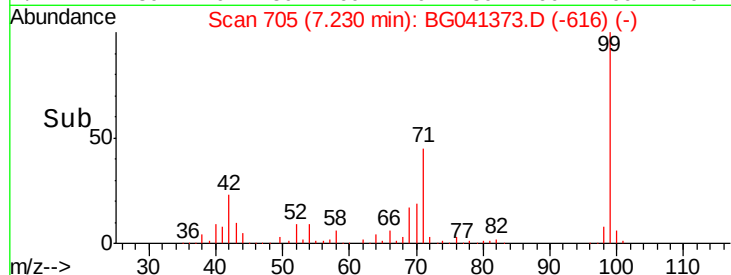
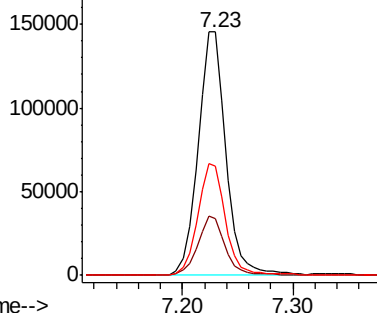
99 100

42 23.2 19.9 29.9

71 45.0 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: 14.750 ng

RT: 9.24 min Scan# 1048

Delta R.T. 0.36 min

Lab File: BG041373.D

Acq: 21 Jun 2019 11:31

Tgt Ion: 70 Resp: 26433

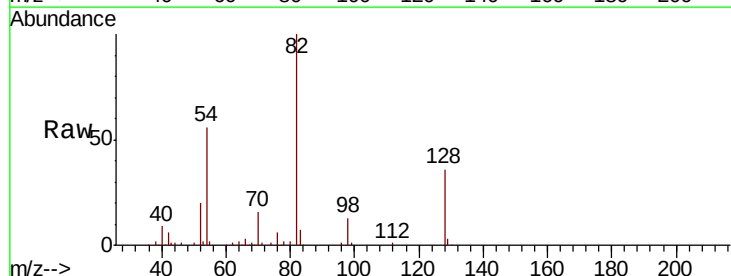
Ion Ratio Lower Upper

70 100

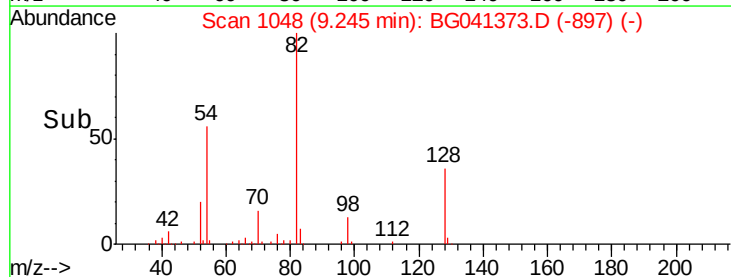
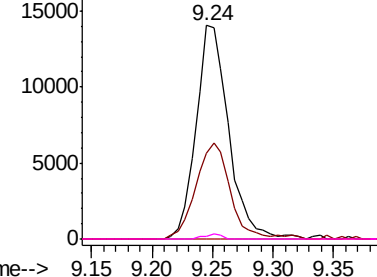
42 39.9 51.4 77.2#

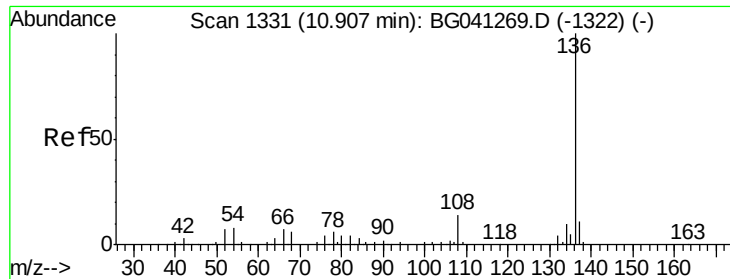
101 0.0 8.2 12.2#

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

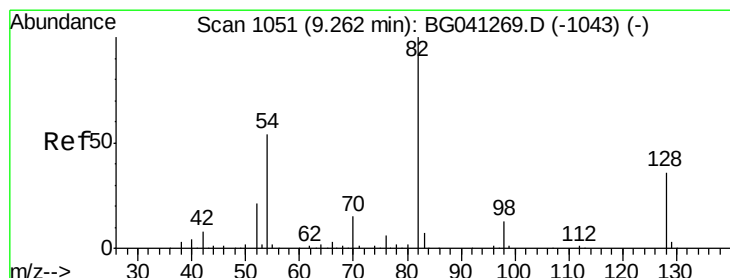
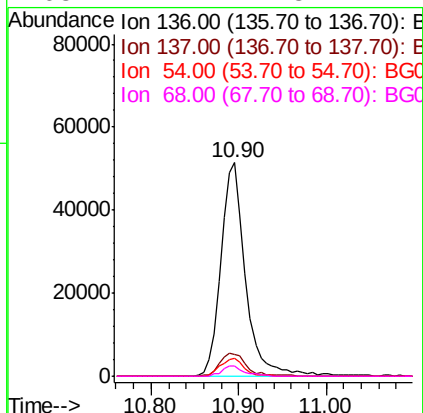
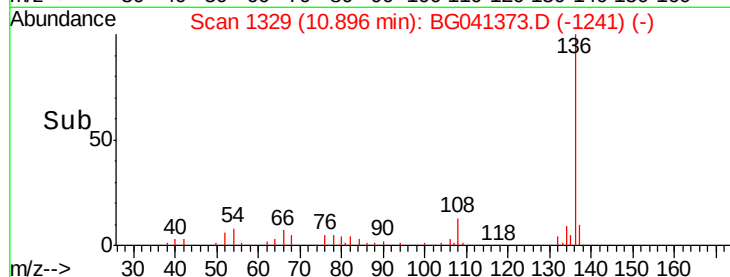
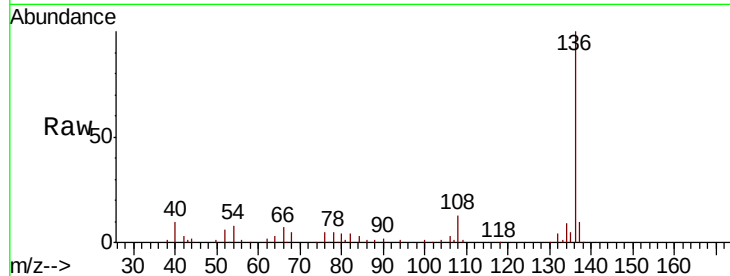




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.01 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

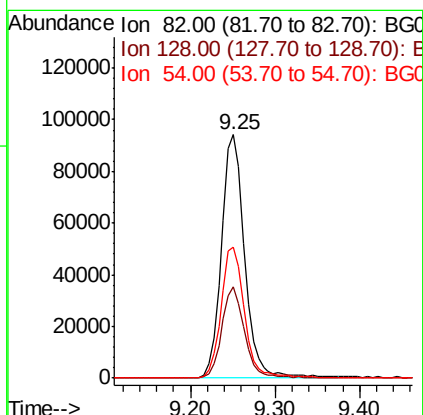
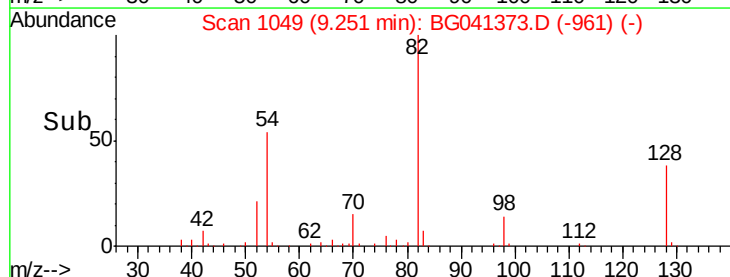
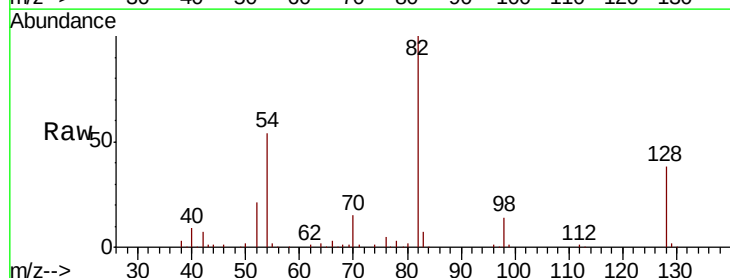
Instrument :
BNA_G
ClientSampleId :
PB120785BL

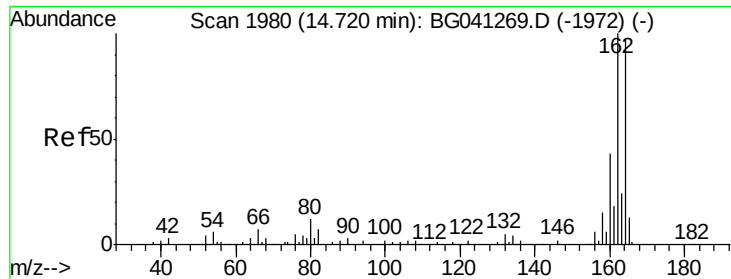
Tot Ion:136	Resp:	100068
Ion Ratio	Lower	Upper
136	100	
137	10.3	8.8 13.2
54	8.4	6.4 9.6
68	4.7	4.8 7.2#



#23
Nitrobenzene-d5
Concen: 75.316 ng
RT: 9.25 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

Tgt Ion: 82	Resp:	179206
Ion Ratio	Lower	Upper
82	100	
128	37.5	29.2 43.8
54	54.1	43.4 65.0

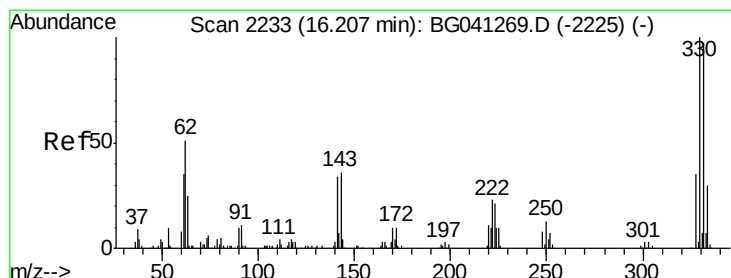
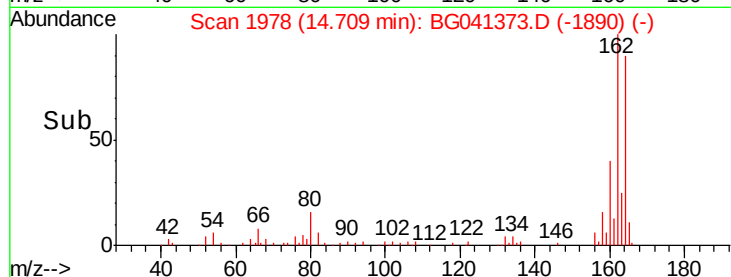
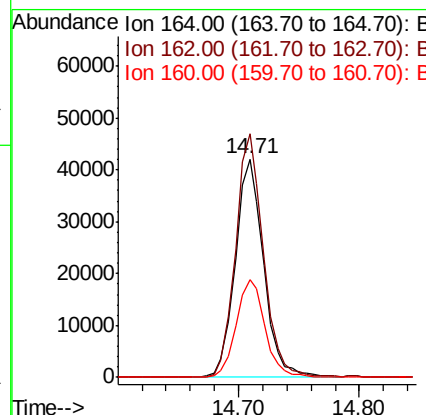
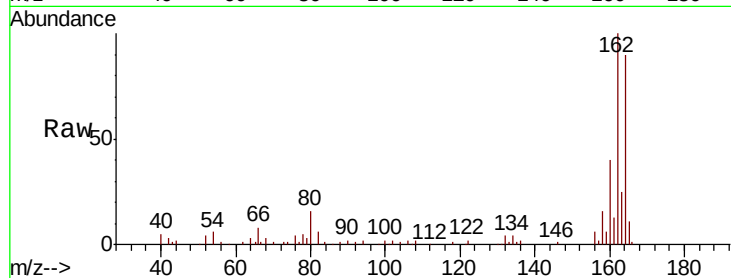




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BG041373.D
 Acq: 21 Jun 2019 11:31

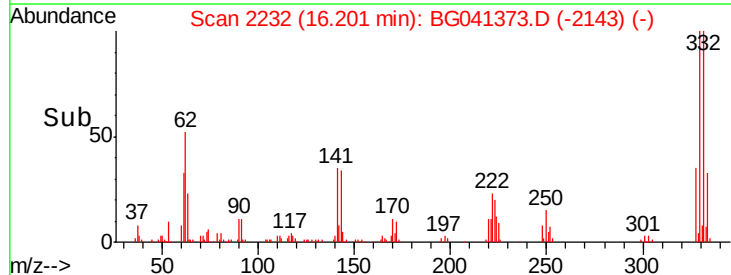
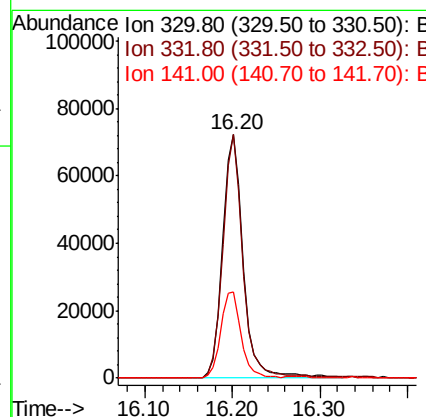
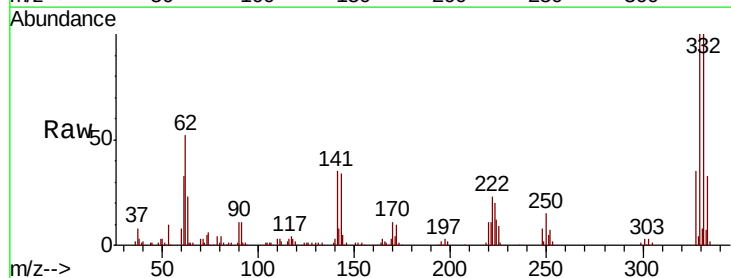
Instrument :
 BNA_G
 ClientSampleId :
 PB120785BL

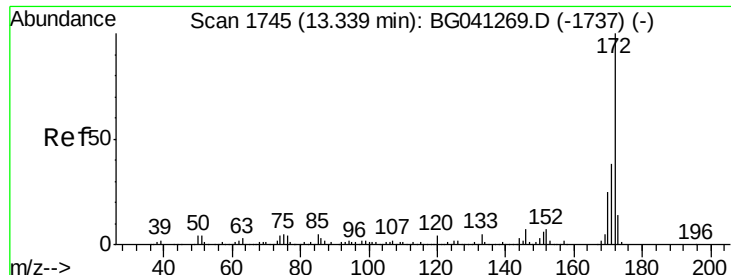
Tot Ion	Ratio	Lower	Upper
164	100		
162	111.6	82.8	124.2
160	44.9	35.8	53.8



#42
 2,4,6-Tribromophenol
 Concen: 112.282 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.01 min
 Lab File: BG041373.D
 Acq: 21 Jun 2019 11:31

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	75.5	113.3
141	35.2	29.0	43.4

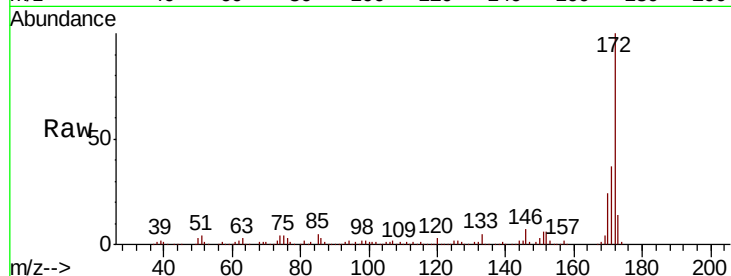




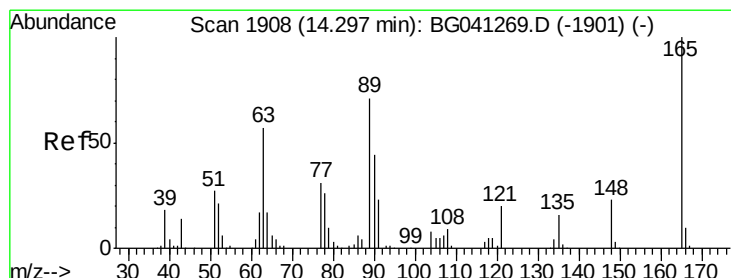
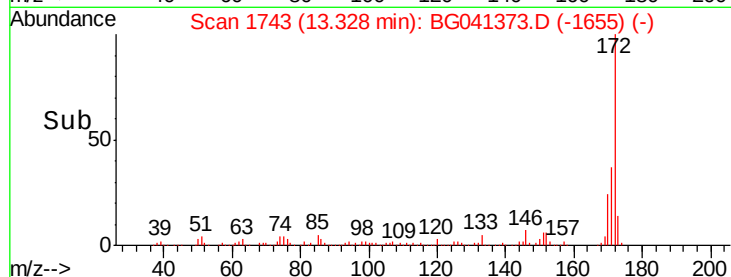
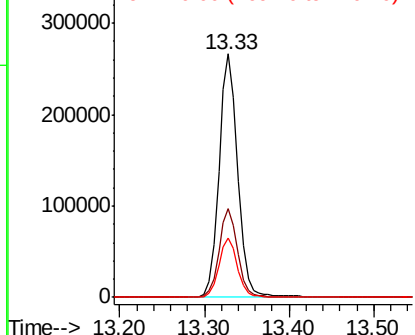
#45
2-Fluorobiphenyl
Concen: 81.345 ng
RT: 13.33 min Scan# 1743
Delta R.T. -0.01 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

Instrument :
BNA_G
ClientSampleId :
PB120785BL

Tot Ion:172 Resp: 411555
Ion Ratio Lower Upper
172 100
171 36.6 30.0 45.0
170 24.4 19.8 29.6

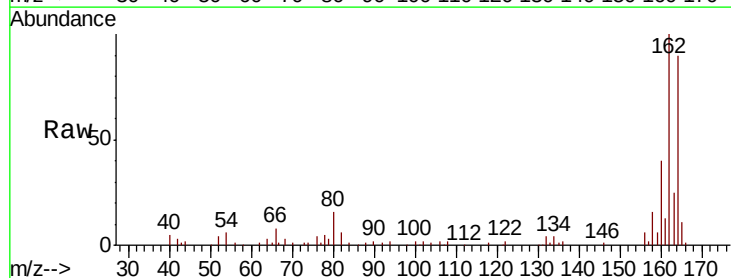


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

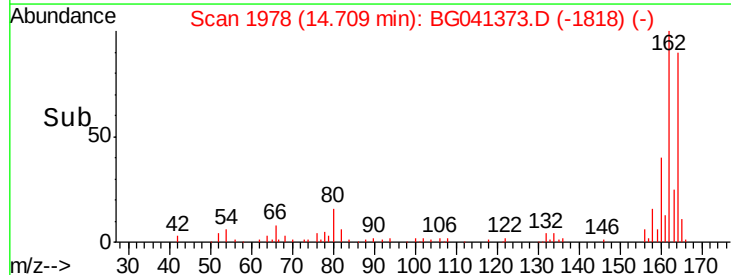
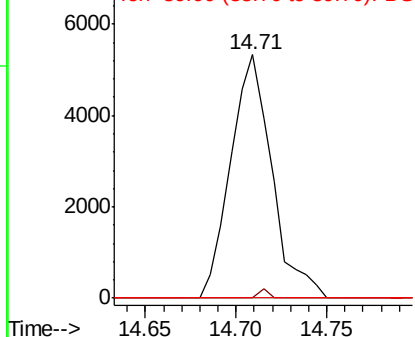


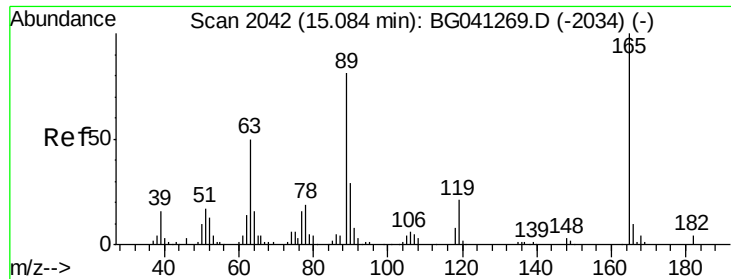
#51
2,6-Dinitrotoluene
Concen: 6.550 ng
RT: 14.71 min Scan# 1978
Delta R.T. 0.41 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

Tgt Ion:165 Resp: 8450
Ion Ratio Lower Upper
165 100
63 0.0 55.4 83.0#
89 0.0 56.5 84.7#



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

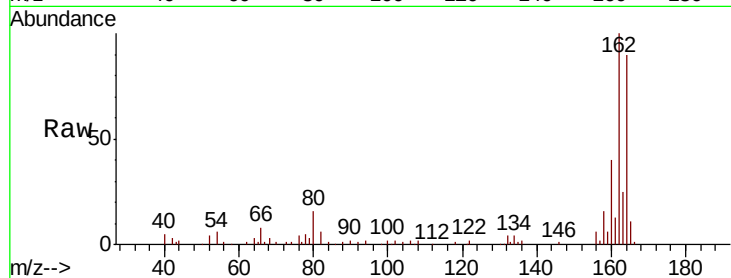




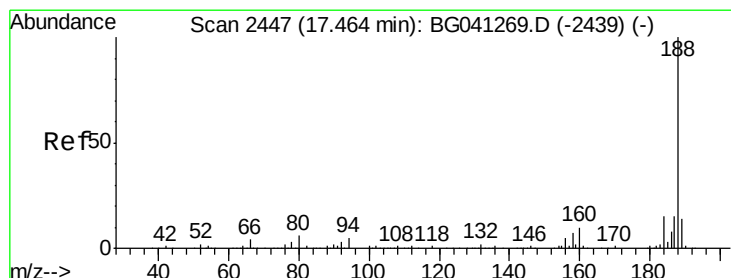
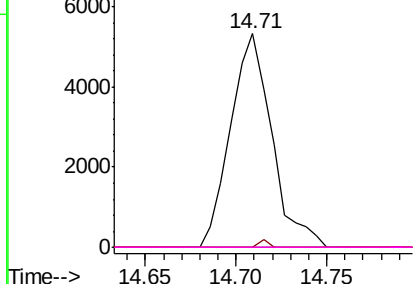
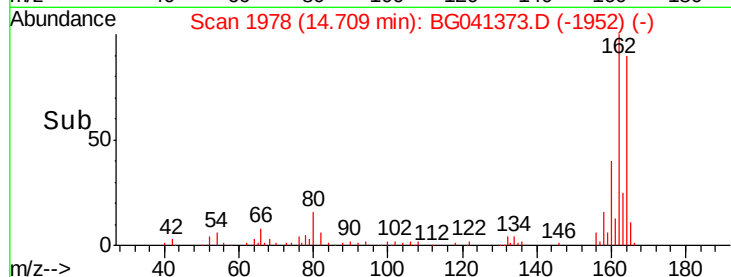
#57
 2,4-Dinitrotoluene
 Concen: 4.481 ng
 RT: 14.71 min Scan# 1978
 Delta R.T. -0.38 min
 Lab File: BG041373.D
 Acq: 21 Jun 2019 11:31

Instrument :
 BNA_G
 ClientSampleId :
 PB120785BL

Tot Ion:165 Resp: 8450
 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#

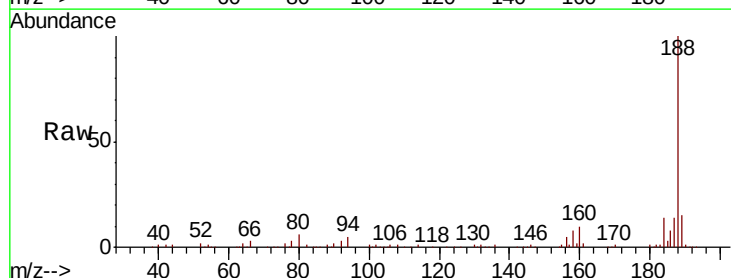


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

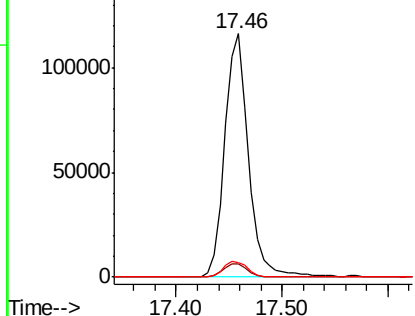
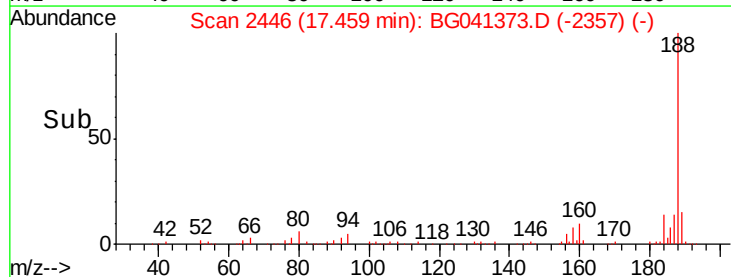


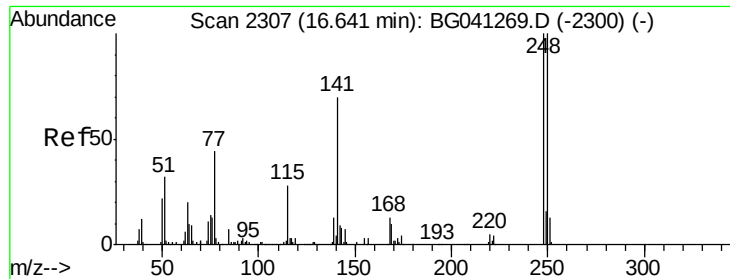
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.46 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BG041373.D
 Acq: 21 Jun 2019 11:31

Tgt Ion:188 Resp: 180983
 Ion Ratio Lower Upper
 188 100
 94 5.3 3.6 5.4
 80 6.1 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

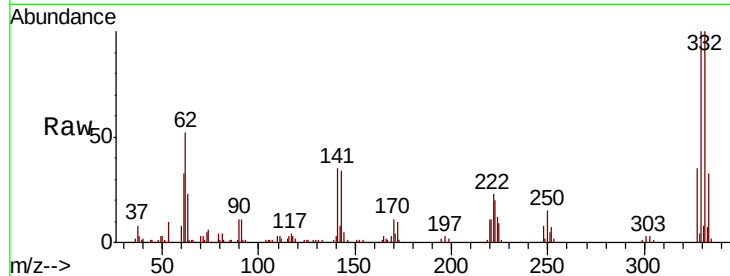




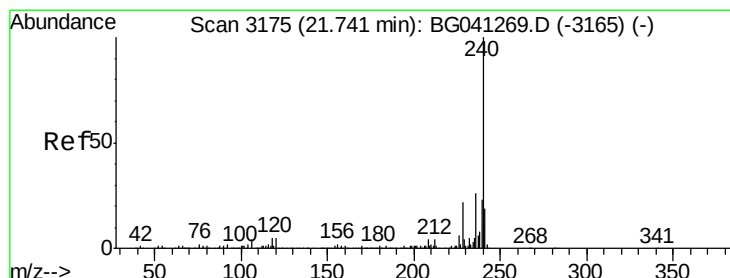
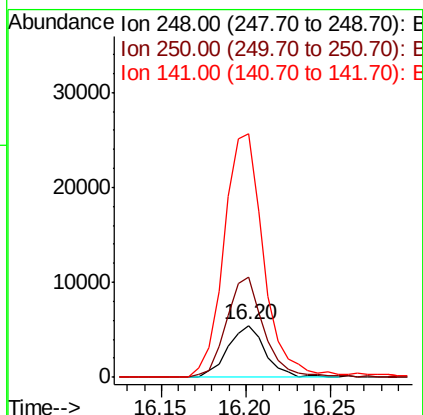
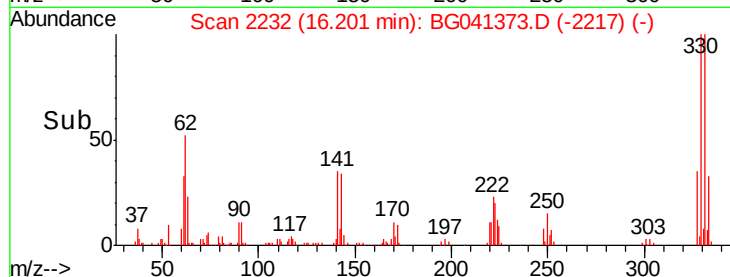
#67
 4-Bromophenyl-phenylether
 Concen: 3.567 ng
 RT: 16.20 min Scan# 2232
 Delta R.T. -0.44 min
 Lab File: BG041373.D
 Acq: 21 Jun 2019 11:31

Instrument :
 BNA_G
 ClientSampleId :
 PB120785BL

Tot Ion:248 Resp: 8348
 Ion Ratio Lower Upper
 248 100
 250 149.4 79.8 119.8#
 141 365.2 55.8 83.6#

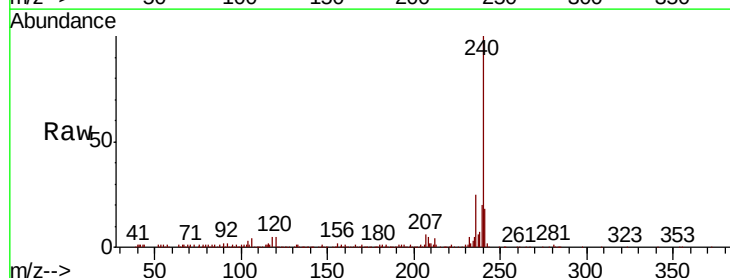


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

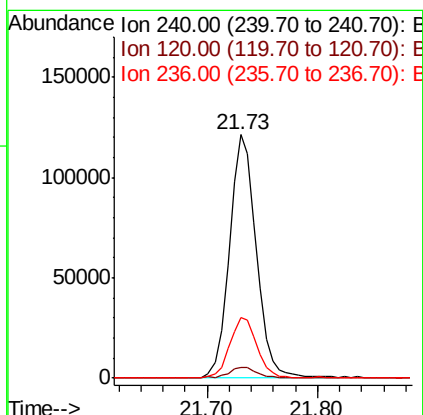
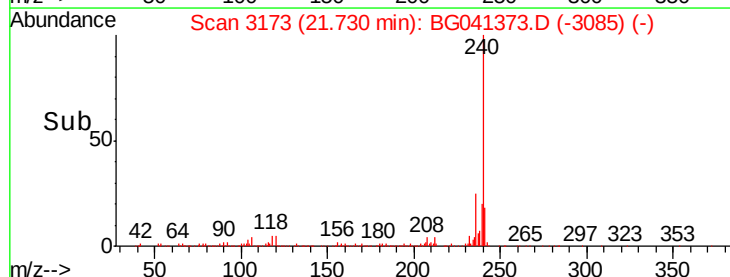


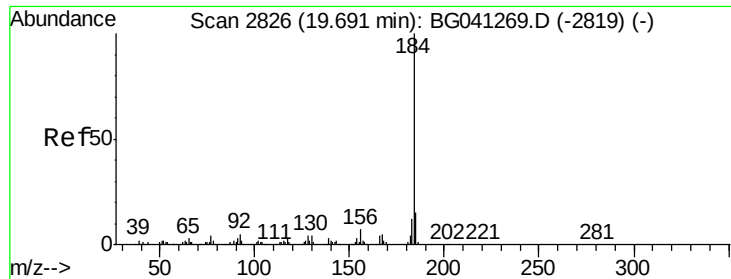
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.73 min Scan# 3173
 Delta R.T. -0.01 min
 Lab File: BG041373.D
 Acq: 21 Jun 2019 11:31

Tgt Ion:240 Resp: 206905
 Ion Ratio Lower Upper
 240 100
 120 4.5 3.7 5.5
 236 24.9 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: 2.679 ng

RT: 20.05 min Scan# 2887

Delta R.T. 0.36 min

Lab File: BG041373.D

Acq: 21 Jun 2019 11:31

Instrument :

BNA_G

ClientSampleId :

PB120785BL

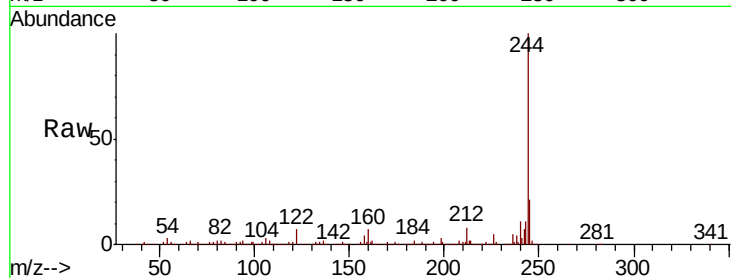
Tot Ion:184 Resp: 13409

Ion Ratio Lower Upper

184 100

185 12.9 12.2 18.2

183 5.8 9.6 14.4#

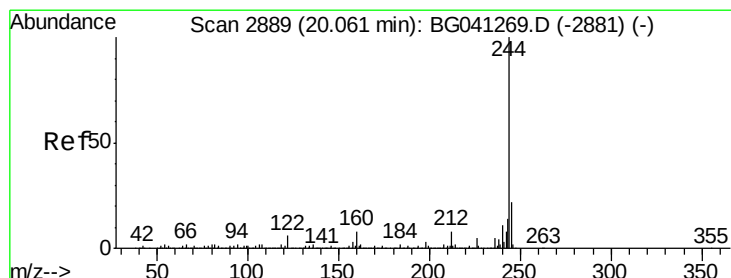
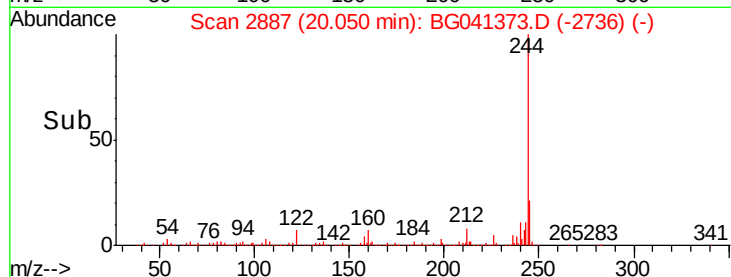
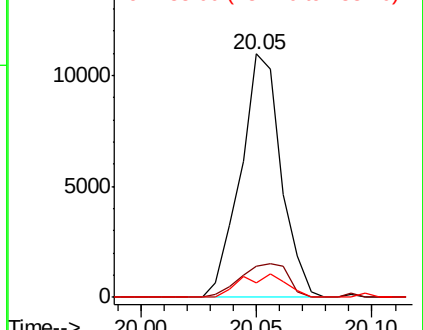


Abundance

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: 80.236 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.01 min

Lab File: BG041373.D

Acq: 21 Jun 2019 11:31

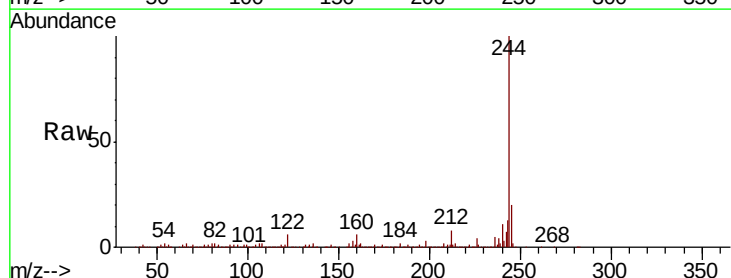
Tgt Ion:244 Resp: 837690

Ion Ratio Lower Upper

244 100

212 7.7 6.6 10.0

122 5.9 5.0 7.4

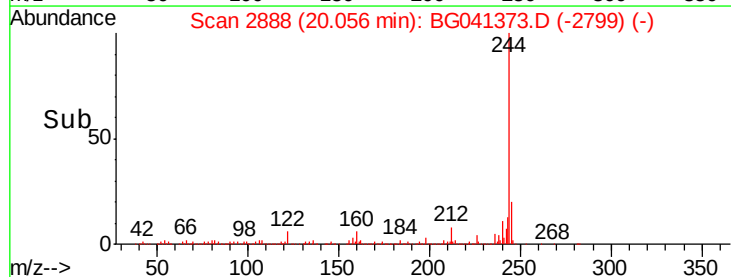
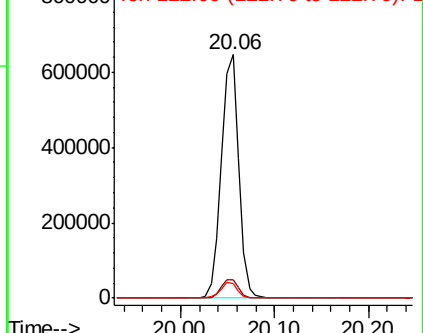


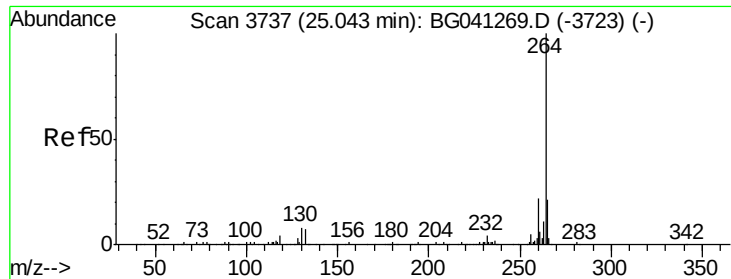
Abundance

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
Pervlone-d12
Concen: 20.000 ng
RT: 25.04 min Scan# 3737
Delta R.T. 0.00 min
Lab File: BG041373.D
Acq: 21 Jun 2019 11:31

Instrument :
BNA_G
ClientSampleId :
PB120785BL

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	22.9	17.4	26.2	
265	21.8	17.2	25.8	

