

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040319\
 Data File : BG040332.D
 Acq On : 3 Apr 2019 19:05
 Operator : JU/SJ
 Sample : K2176-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 04 01:24:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

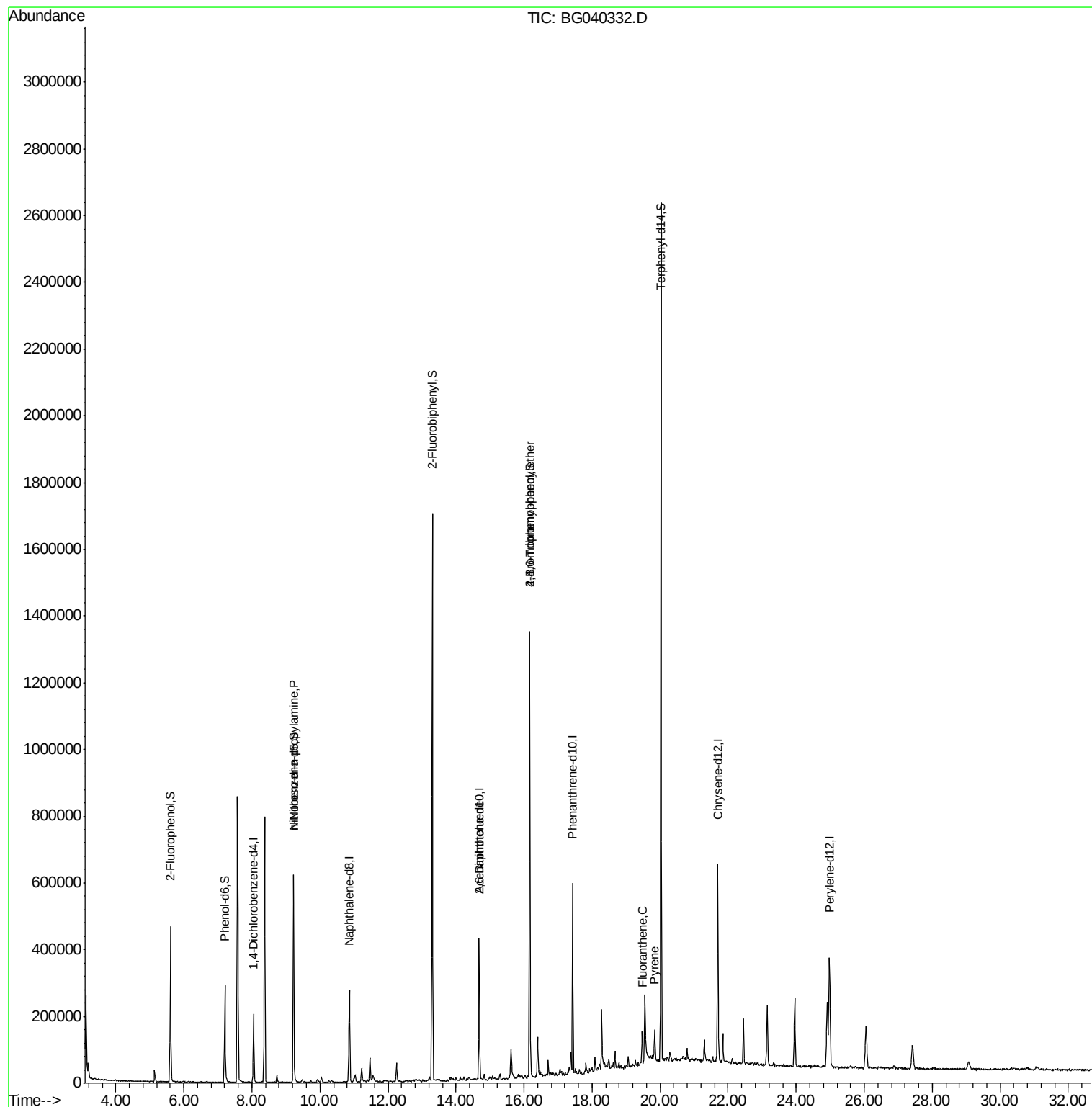
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58661	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	234247	20.00	ng	-0.02
39) Acenaphthene-d10	14.68	164	140495	20.00	ng	-0.02
64) Phenanthrene-d10	17.42	188	340476	20.00	ng	-0.02
76) Chrysene-d12	21.70	240	347690	20.00	ng	-0.03
87) Perylene-d12	24.97	264	354304	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	215511	61.07	ng	-0.02
7) Phenol-d6	7.20	99	183212	37.57	ng	-0.02
23) Nitrobenzene-d5	9.22	82	387049	87.83	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	233738	153.94	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	881223	92.94	ng	-0.02
79) Terphenyl-d14	20.03	244	1200821	77.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	49096	14.042	ng	# 73
51) 2,6-Dinitrotoluene	14.68	165	18690	7.570	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	17888	4.669	ng	# 1
75) Fluoranthene	19.48	202	60241	2.843	ng	98
78) Pyrene	19.84	202	61746	2.701	ng	99

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

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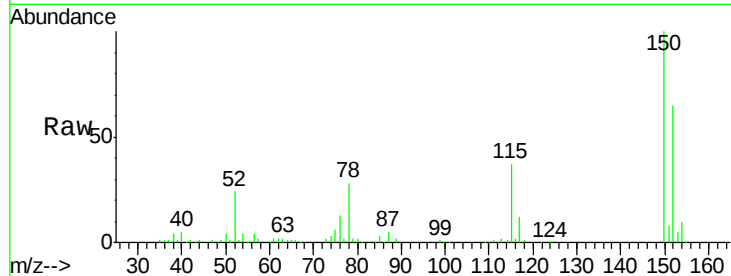


#1

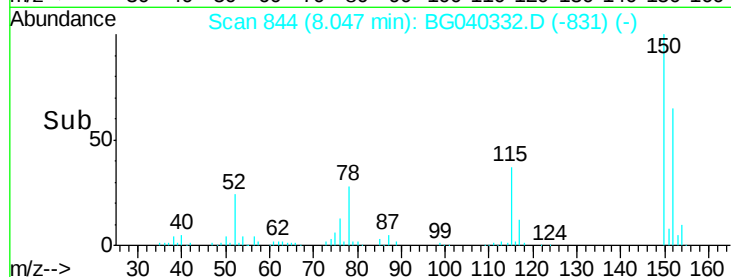
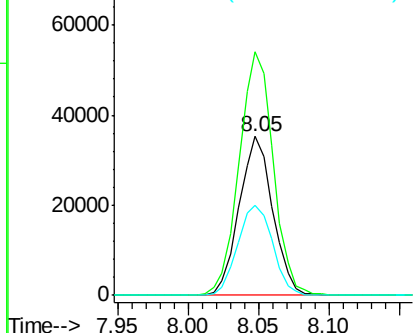
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58661
Ion Ratio Lower Upper
152 100
150 153.4 123.7 185.5
115 56.8 46.9 70.3



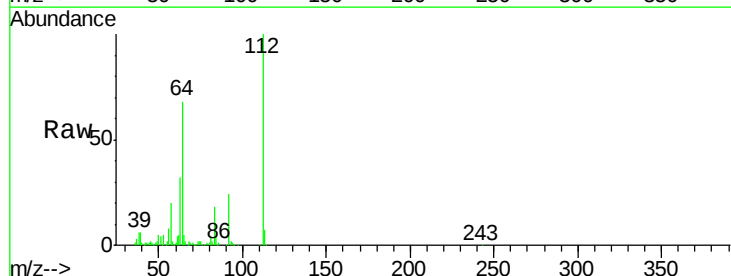
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



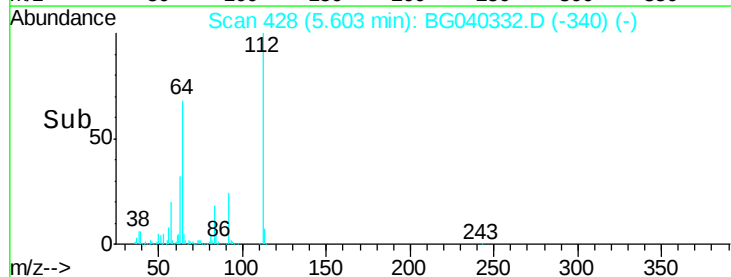
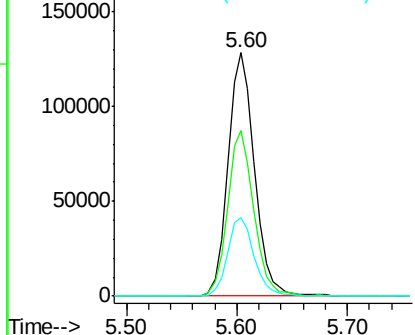
#5

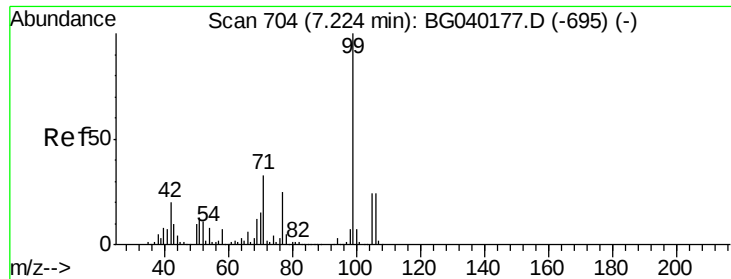
2-Fluorophenol
Concen: 61.074 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion:112 Resp: 215511
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.2
63 32.5 26.4 39.6



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: 37.569 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Instrument :

BNA_G

ClientSampled :

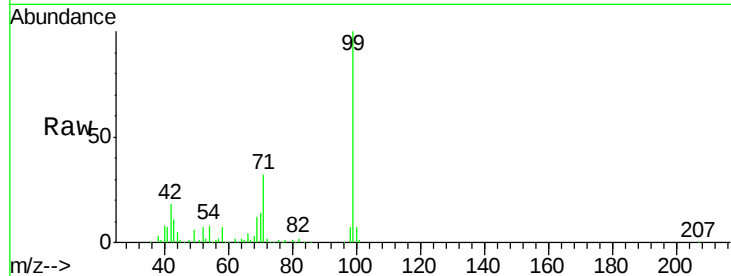
Tot Ion: 99 Resp: 183212

Ion Ratio Lower Upper

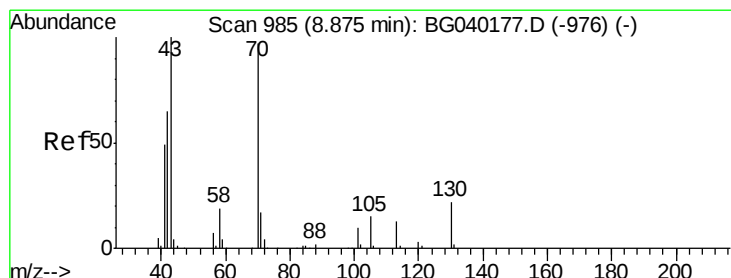
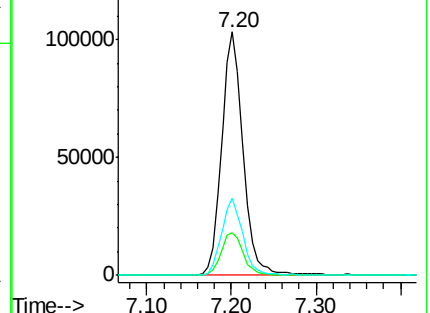
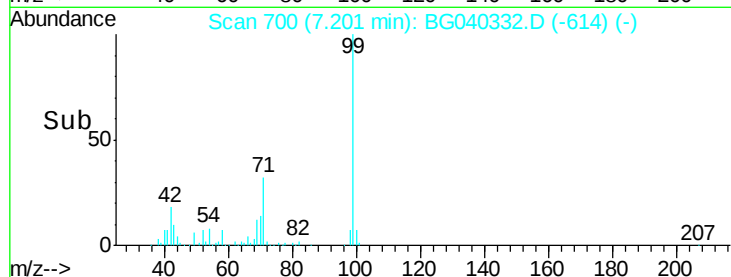
99 100

42 17.6 16.2 24.2

71 31.5 26.8 40.2



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: 14.042 ng

RT: 9.22 min Scan# 1043

Delta R.T. 0.34 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Tgt Ion: 70 Resp: 49096

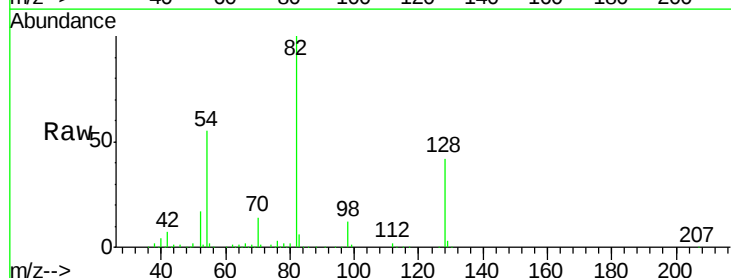
Ion Ratio Lower Upper

70 100

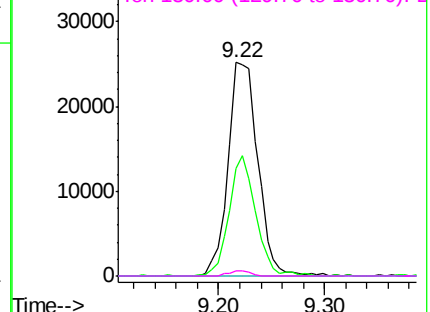
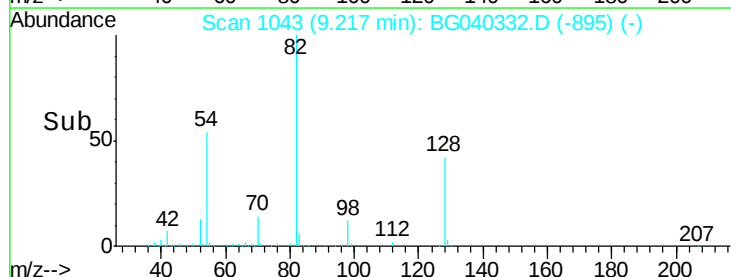
42 50.4 54.0 81.0#

101 0.0 8.6 13.0#

130 2.5 18.2 27.2#



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

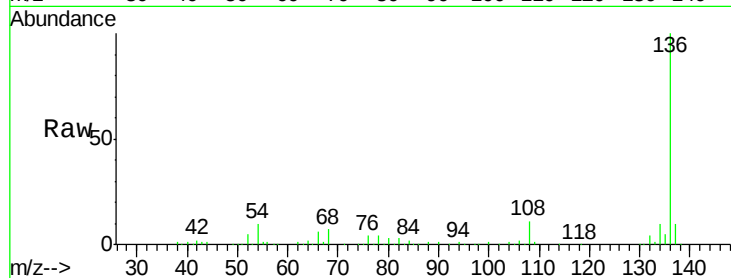




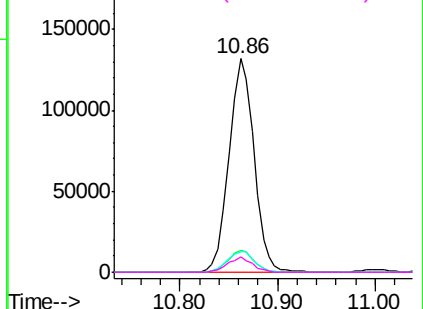
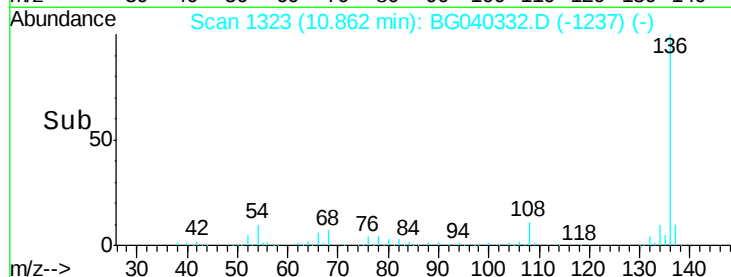
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	234247
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	9.6	9.6	14.4
68	7.4	5.1	7.7

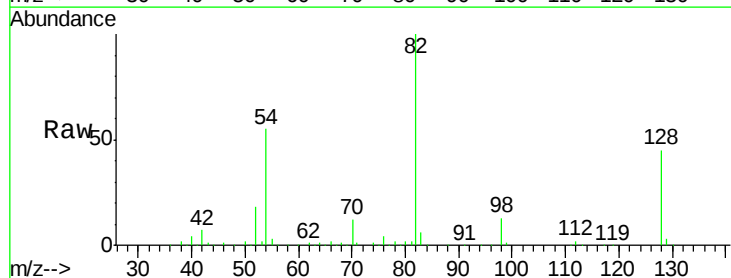


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

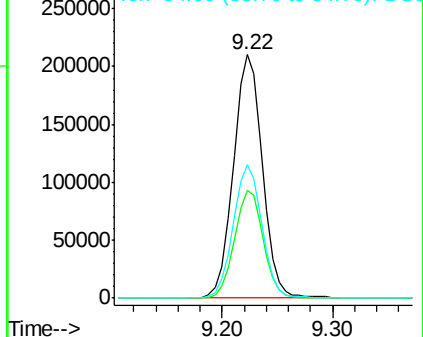
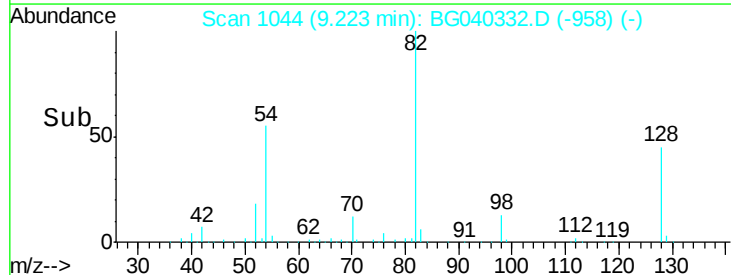


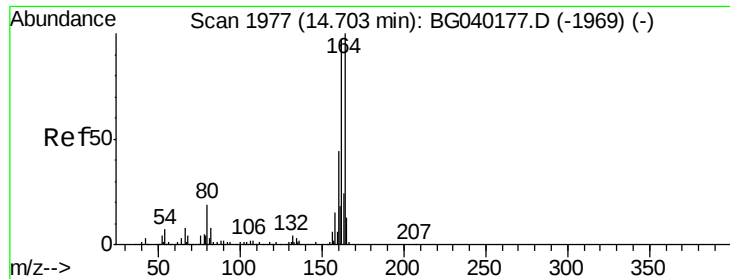
#23
Nitrobenzene-d5
Concen: 87.826 ng
RT: 9.22 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion:	82	Resp:	387049
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.8	53.8
54	54.8	46.2	69.2



Abundance Ion 82.00 (81.70 to 82.70): B
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B

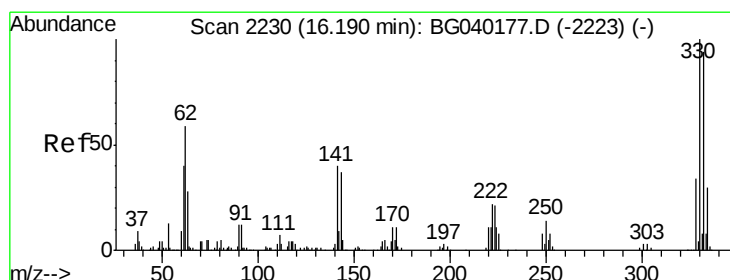
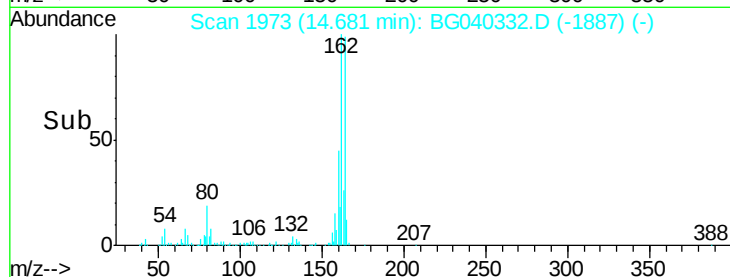
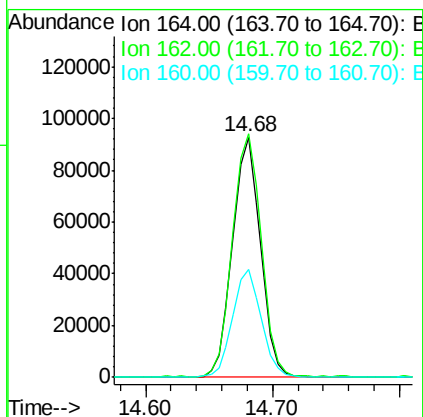
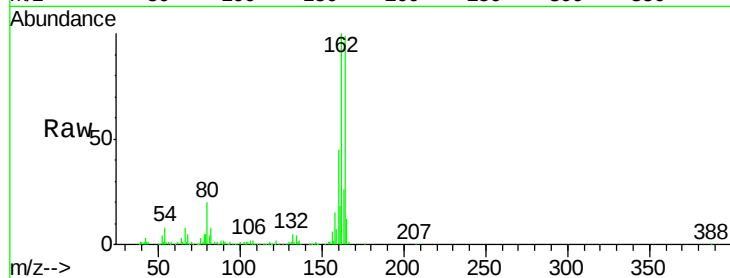




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

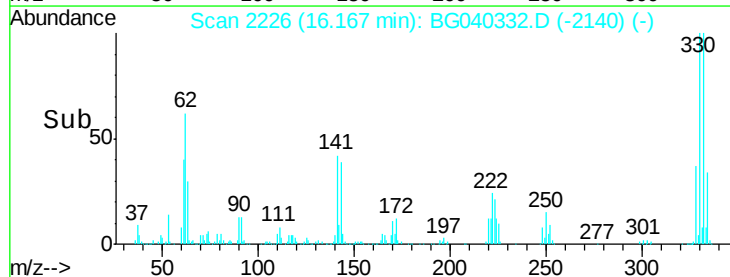
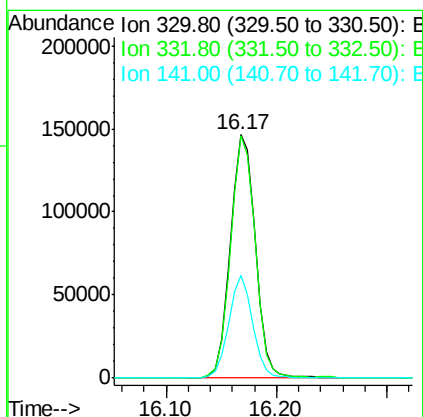
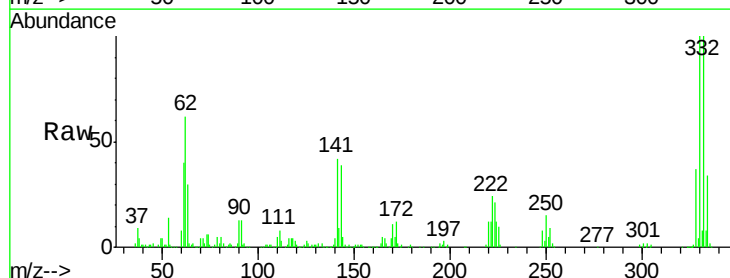
Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	77.4	116.2
160	45.2	35.3	52.9



#42
2,4,6-Tribromophenol
Concen: 153.939 ng
RT: 16.17 min Scan# 2226
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	40.4	32.6	48.8

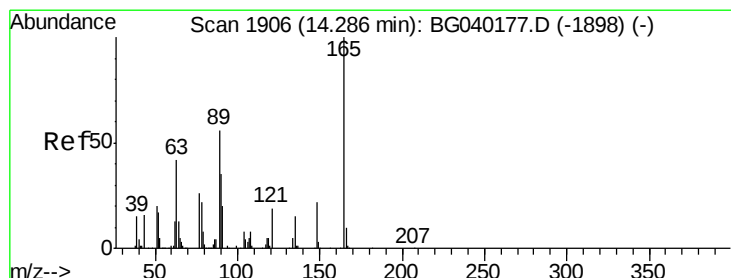
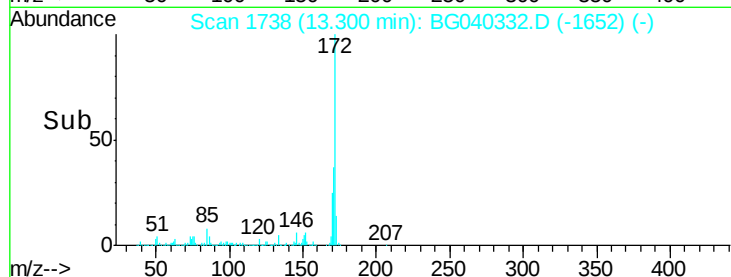
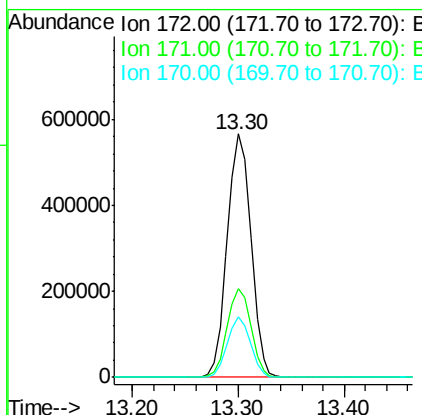
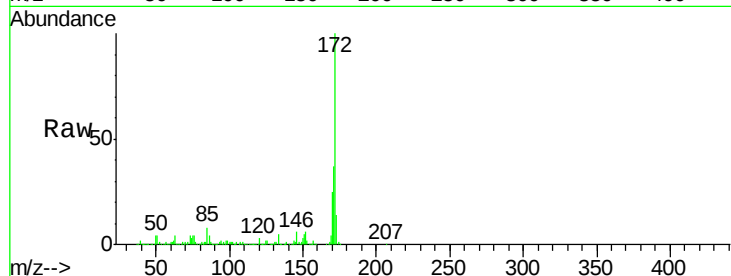




#45
2-Fluorobiphenyl
Concen: 92.940 ng
RT: 13.30 min Scan# 1738
Delta R.T. -0.02 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

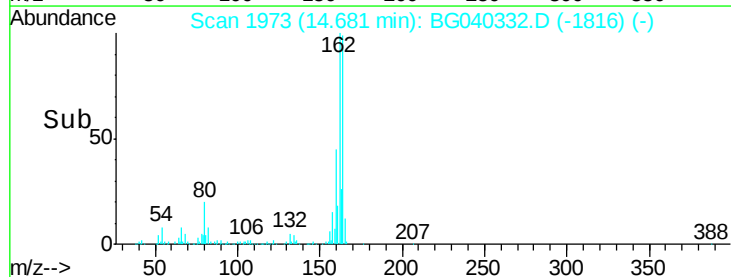
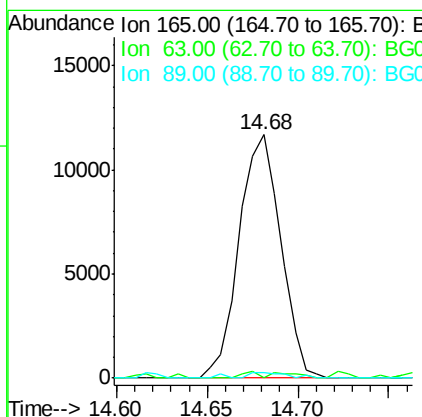
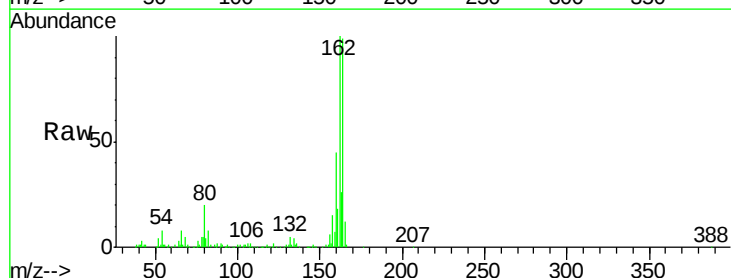
Instrument :
BNA_G
ClientSampleId :

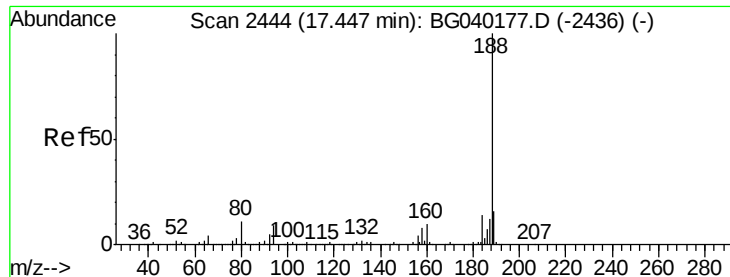
Tot Ion:172 Resp: 881223
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 25.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.570 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.39 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Tgt Ion:165 Resp: 18690
Ion Ratio Lower Upper
165 100
63 0.0 44.1 66.1#
89 2.1 44.9 67.3#

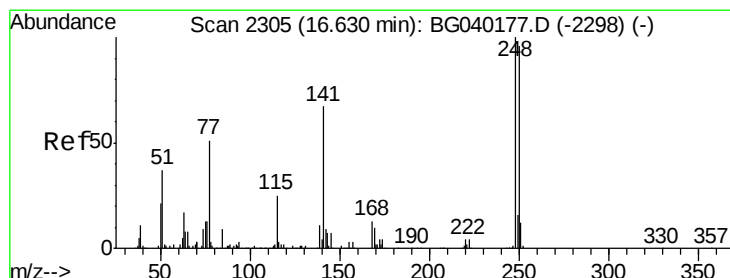
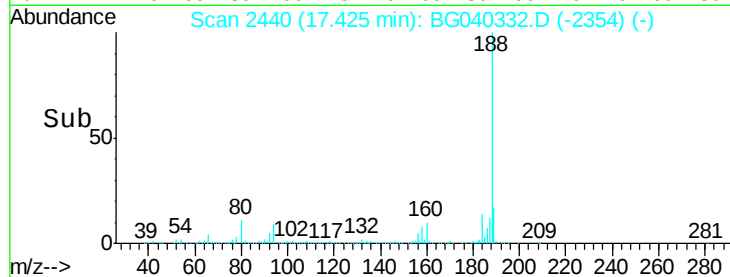
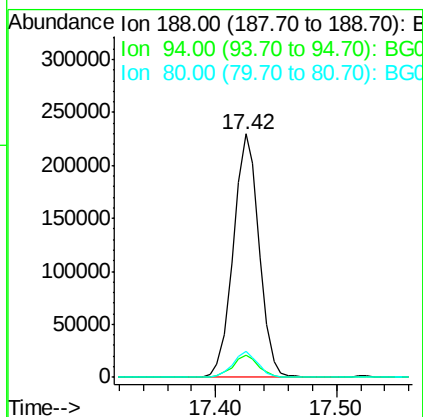
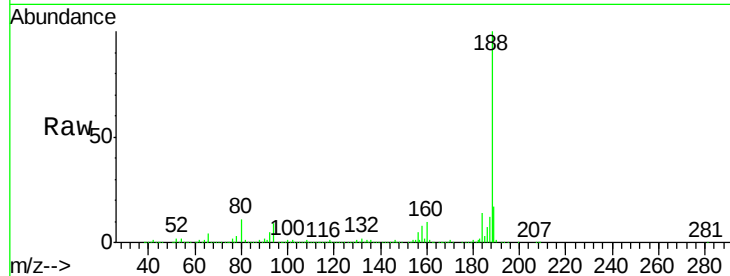




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2440
 Delta R.T. -0.02 min
 Lab File: BG040332.D
 Acq: 3 Apr 2019 19:05

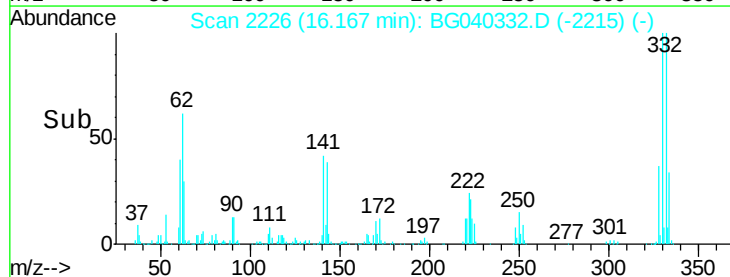
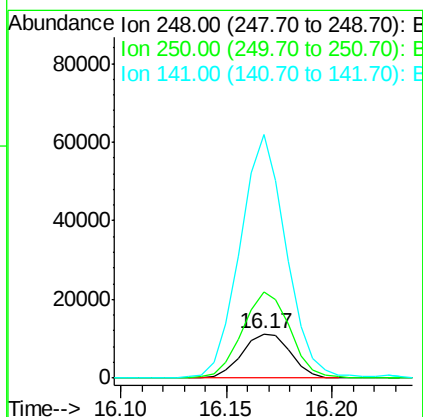
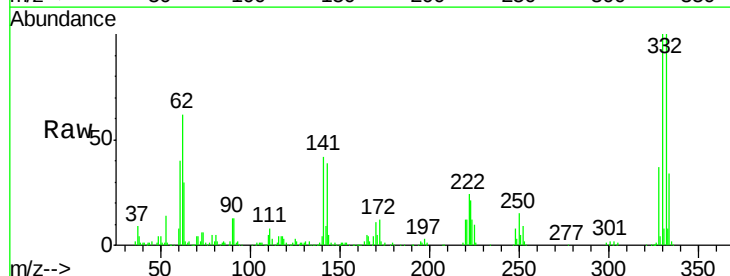
Instrument :
 BNA_G
 ClientSampleId :

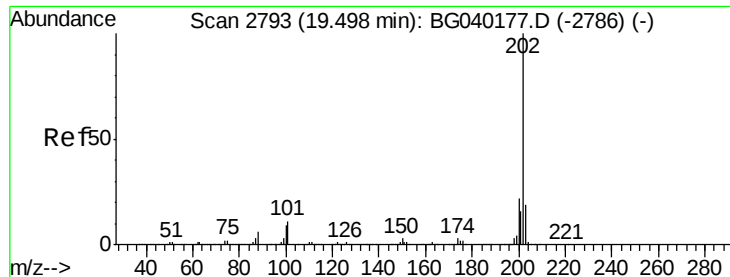
Tot Ion:188 Resp: 340476
 Ion Ratio Lower Upper
 188 100
 94 8.9 7.0 10.4
 80 10.8 8.6 13.0



#67
 4-Bromophenyl-phenylether
 Concen: 4.669 ng
 RT: 16.17 min Scan# 2226
 Delta R.T. -0.46 min
 Lab File: BG040332.D
 Acq: 3 Apr 2019 19:05

Tgt Ion:248 Resp: 17888
 Ion Ratio Lower Upper
 248 100
 250 195.7 76.4 114.6#
 141 550.5 53.8 80.8#





#75

Fluoranthene

Concen: 2.843 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Instrument :

BNA_G

ClientSampled :

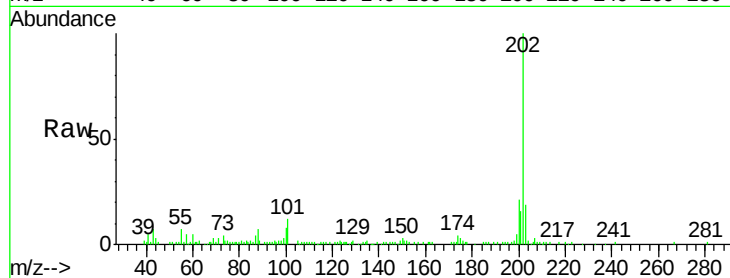
Tot Ion:202 Resp: 60241

Ion Ratio Lower Upper

202 100

101 11.9 0.0 30.8

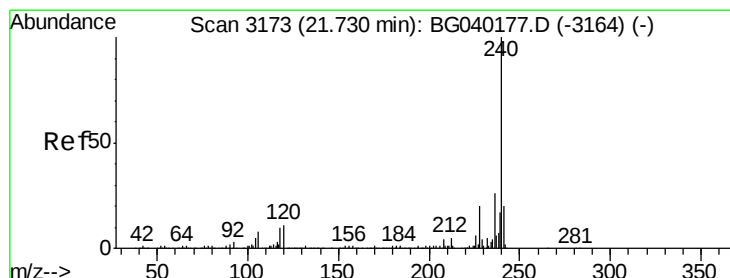
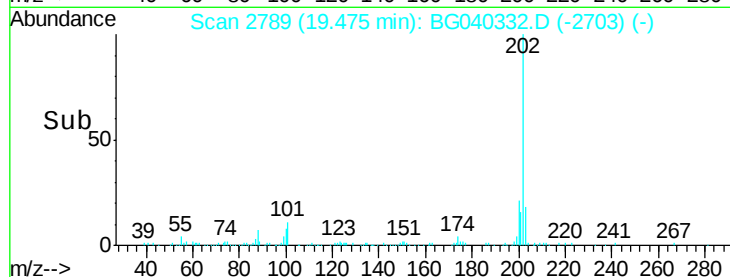
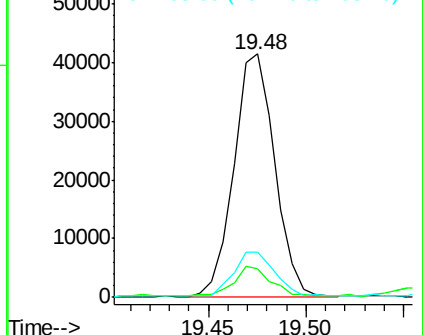
203 18.5 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

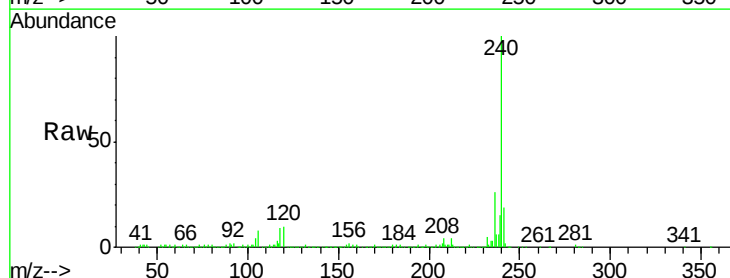
Tgt Ion:240 Resp: 347690

Ion Ratio Lower Upper

240 100

120 9.9 8.4 12.6

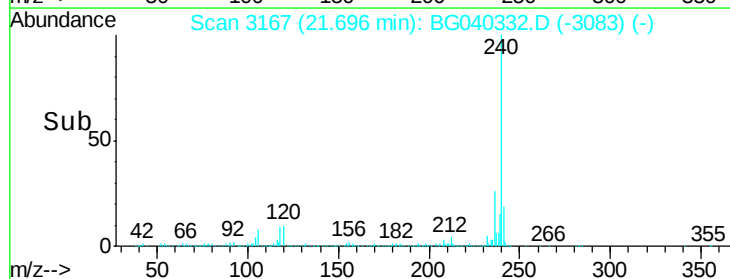
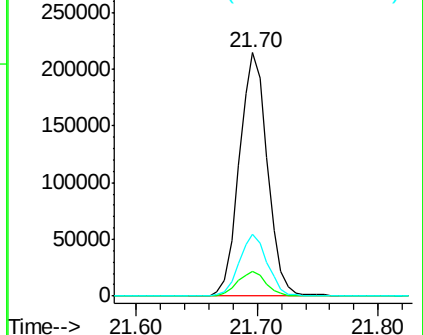
236 25.6 20.8 31.2

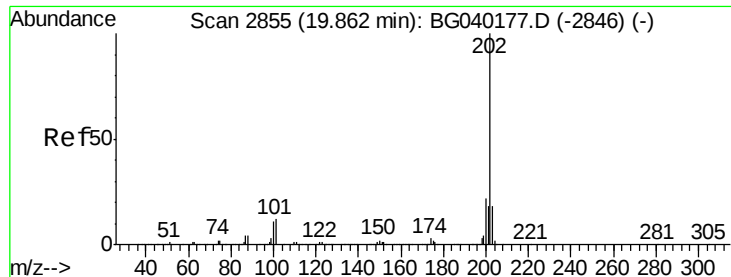


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.701 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

Instrument :

BNA_G

ClientSampleId :

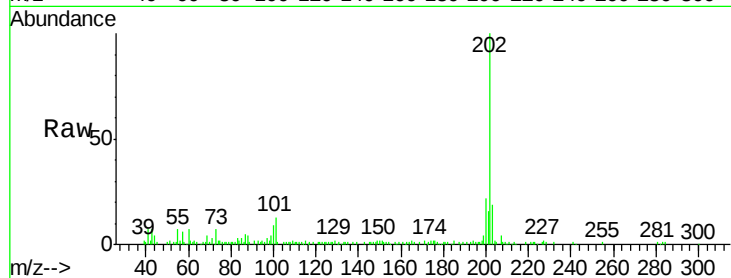
Tot Ion:202 Resp: 61746

Ion Ratio Lower Upper

202 100

200 21.7 17.3 25.9

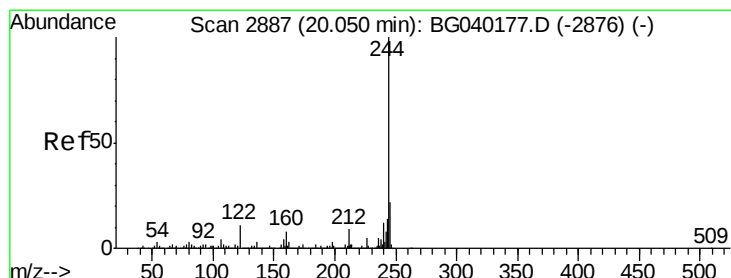
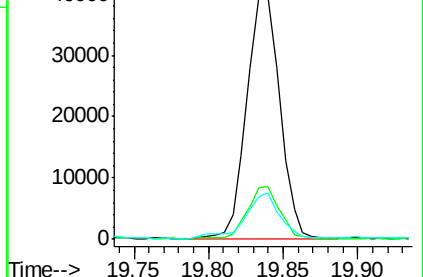
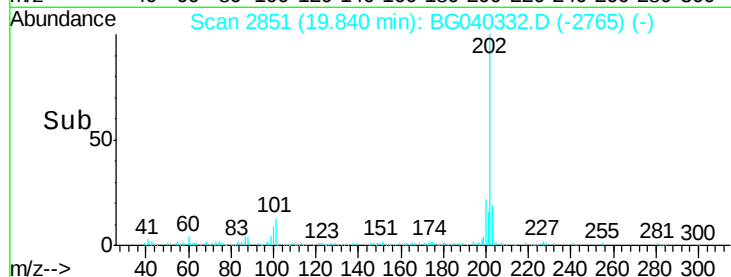
203 19.3 14.6 22.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 77.697 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.02 min

Lab File: BG040332.D

Acq: 3 Apr 2019 19:05

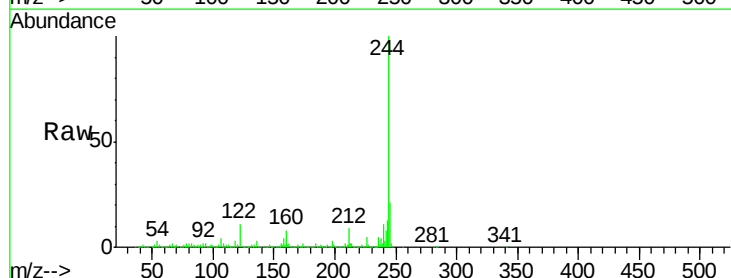
Tgt Ion:244 Resp: 1200821

Ion Ratio Lower Upper

244 100

212 8.9 7.0 10.6

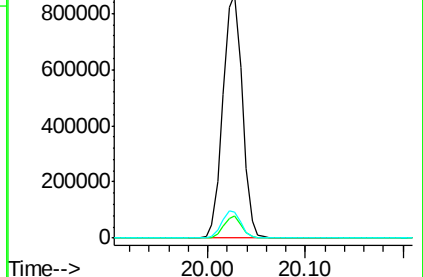
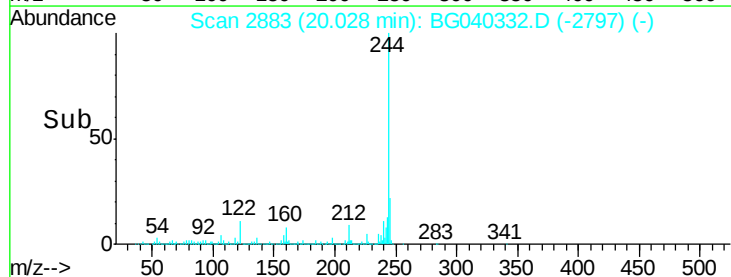
122 10.9 8.5 12.7

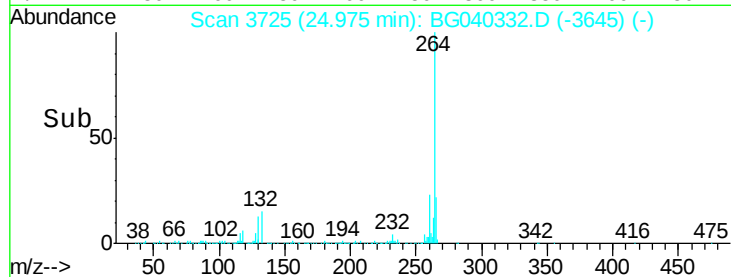
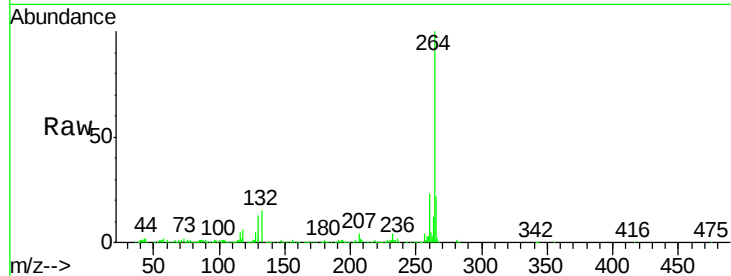
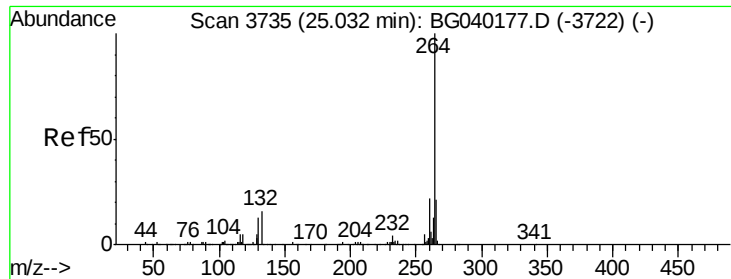


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.97 min Scan# 3725
Delta R.T. -0.06 min
Lab File: BG040332.D
Acq: 3 Apr 2019 19:05

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.9	26.9
265	21.6	16.8	25.2

