

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG061219\
 Data File : BG041204.D
 Acq On : 12 Jun 2019 13:45
 Operator : HP/JU
 Sample : PB120526BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BL

Quant Time: Jun 13 05:34:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

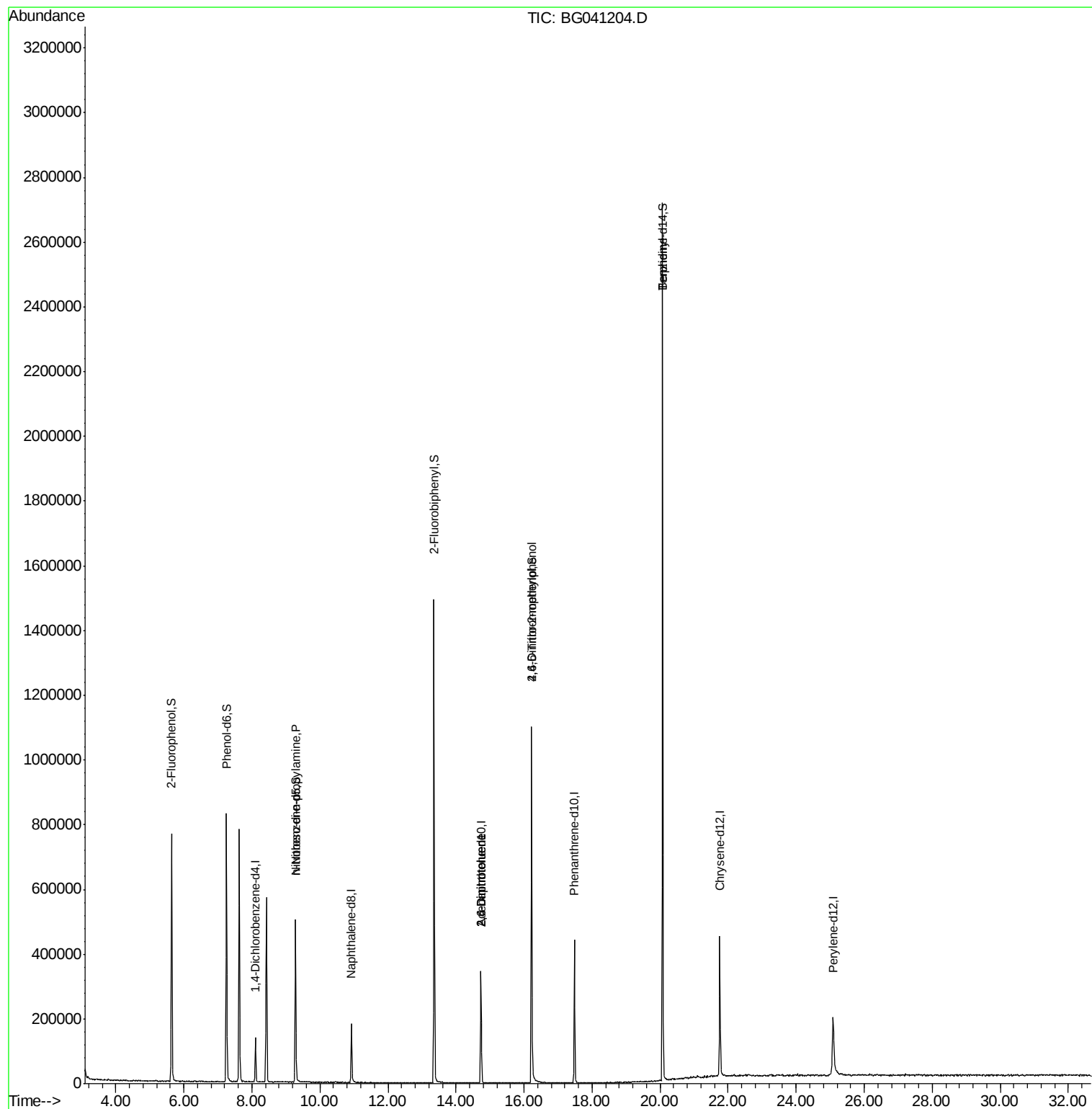
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	39362	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	162518	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	123973	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	297838	20.00	ng	0.00
76) Chrysene-d12	21.76	240	294711	20.00	ng	0.00
87) Perylene-d12	25.09	264	279574	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	297977	136.51	ng	0.00
7) Phenol-d6	7.25	99	453477	134.51	ng	0.00
23) Nitrobenzene-d5	9.28	82	314775	85.98	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	229469	124.68	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	785719	91.27	ng	0.00
79) Terphenyl-d14	20.08	244	1350874	97.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.28	70	44720	17.237	ng	# 81
51) 2,6-Dinitrotoluene	14.74	165	15042	6.648	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	15042	4.706	ng	# 23
65) 4,6-Dinitro-2-methylphenol	16.22	198	627	8.912	ng	# 1
77) Benzidine	20.08	184	23195	3.299	ng	# 95

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

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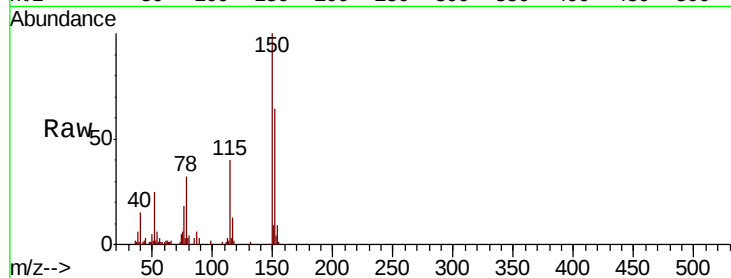


#1

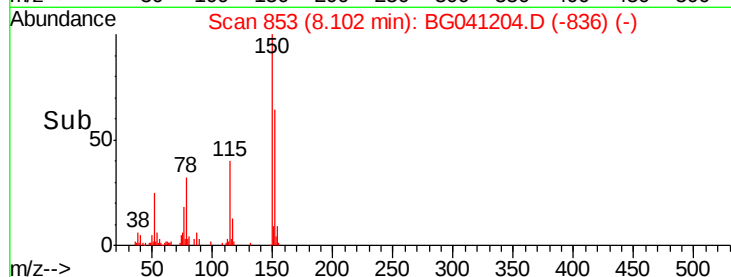
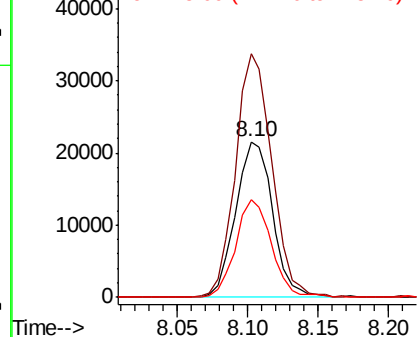
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB120526BL

Tgt Ion:152 Resp: 39362
Ion Ratio Lower Upper
152 100
150 156.6 120.6 180.8
115 62.4 45.1 67.7



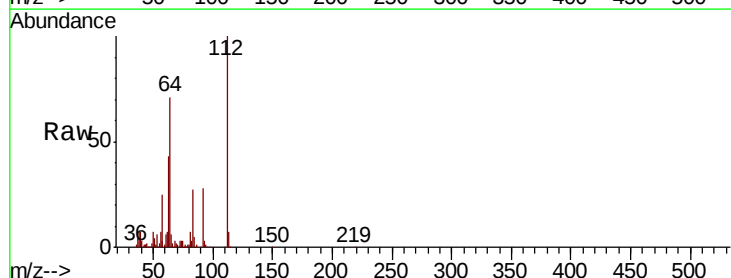
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



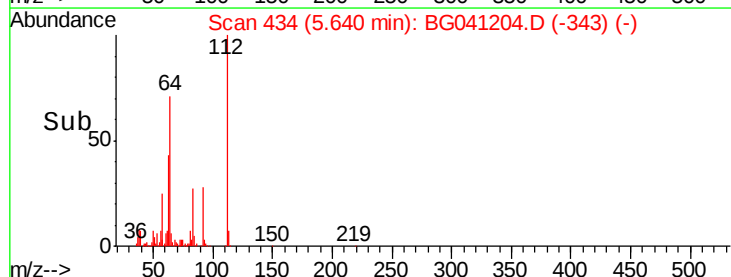
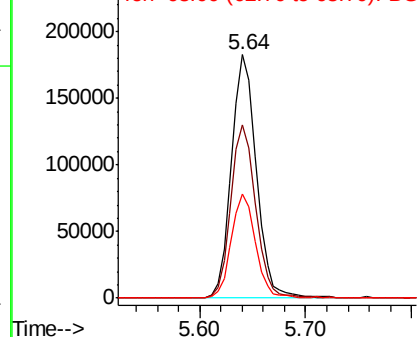
#5

2-Fluorophenol
Concen: 136.506 ng
RT: 5.64 min Scan# 434
Delta R.T. 0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Tgt Ion:112 Resp: 297977
Ion Ratio Lower Upper
112 100
64 71.3 56.2 84.2
63 42.6 32.8 49.2



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: 134.514 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL

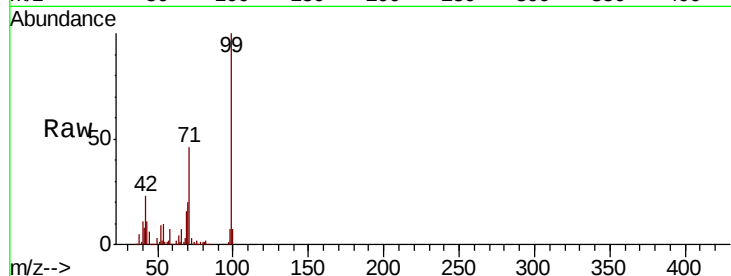
Tgt Ion: 99 Resp: 453477

Ion Ratio Lower Upper

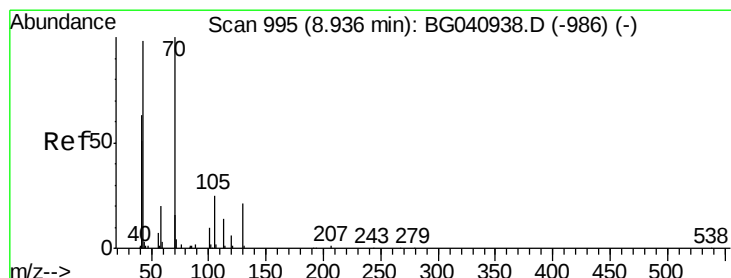
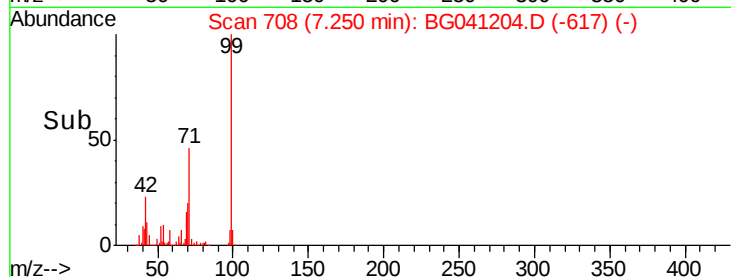
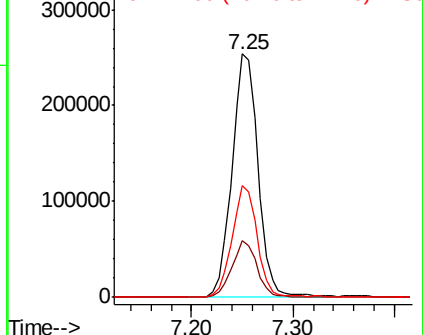
99 100

42 23.3 17.9 26.9

71 46.0 35.4 53.0



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: 17.237 ng

RT: 9.28 min Scan# 1054

Delta R.T. 0.37 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Tgt Ion: 70 Resp: 44720

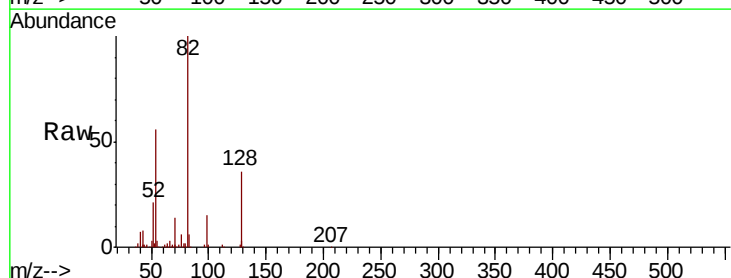
Ion Ratio Lower Upper

70 100

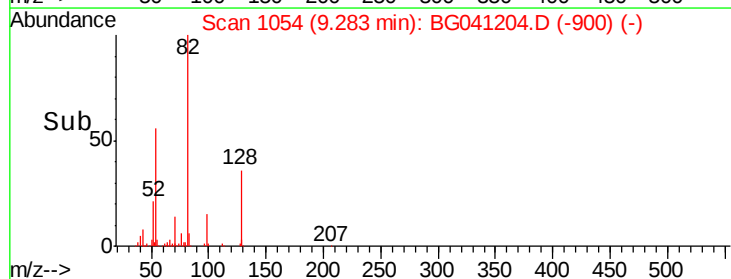
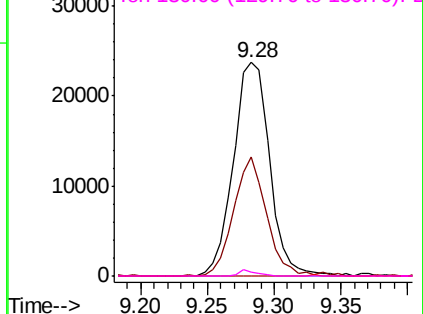
42 55.5 51.5 77.3

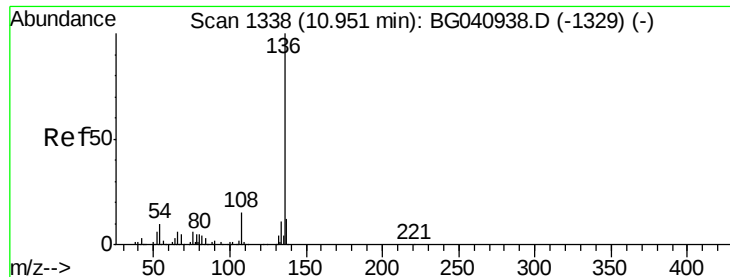
101 0.0 8.1 12.1#

130 1.8 16.6 24.8#



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

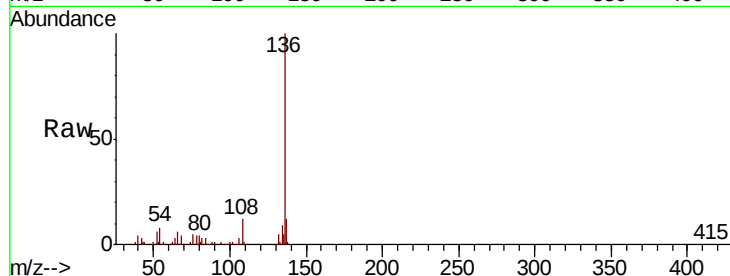




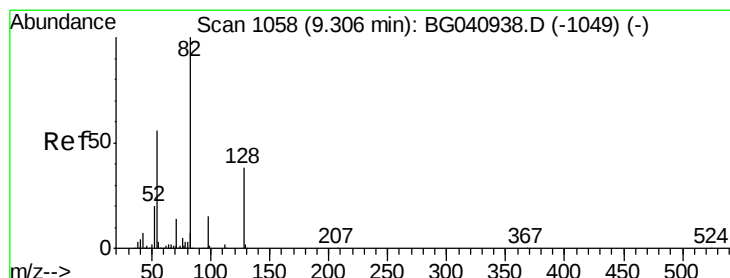
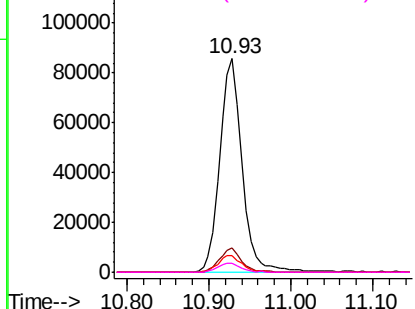
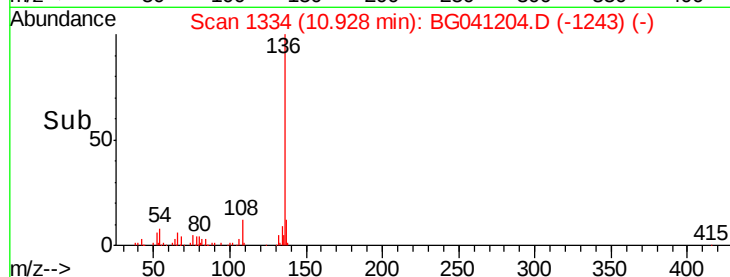
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB120526BL

Tgt Ion:	136	Resp:	162518
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.5	14.3
54	7.9	7.6	11.4
68	4.4	3.9	5.9

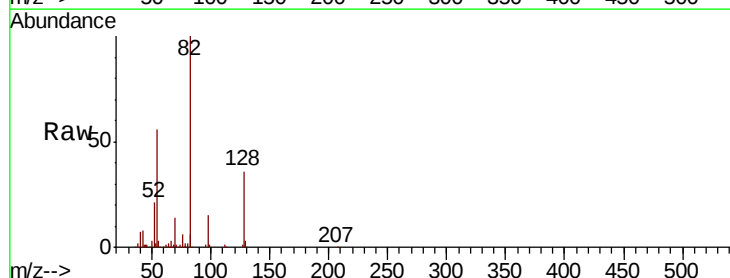


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

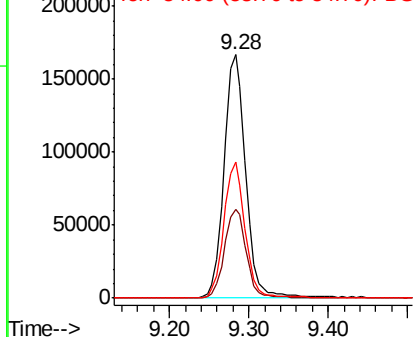
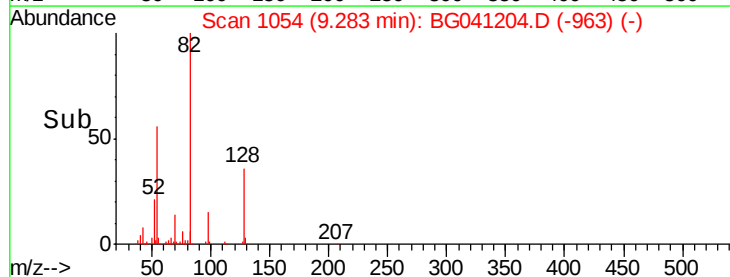


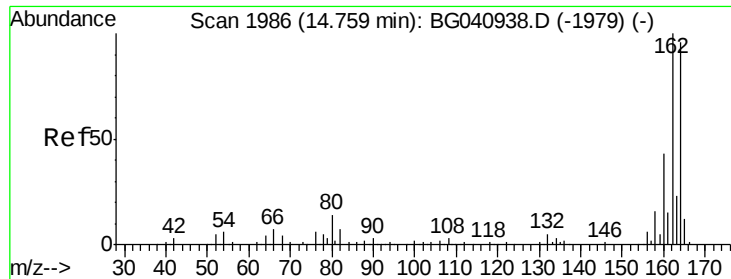
#23
Nitrobenzene-d5
Concen: 85.984 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Tgt Ion:	82	Resp:	314775
Ion	Ratio	Lower	Upper
82	100		
128	36.5	30.5	45.7
54	55.7	44.6	66.8



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: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL

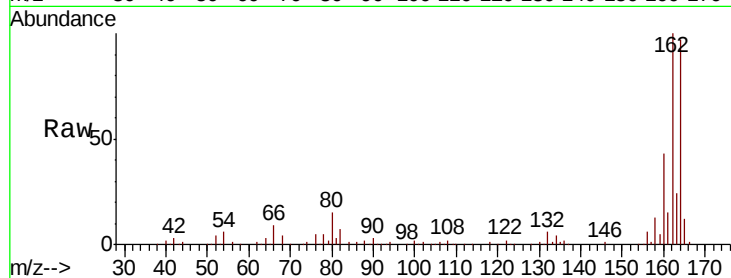
Tgt Ion:164 Resp: 123973

Ion Ratio Lower Upper

164 100

162 102.7 83.0 124.4

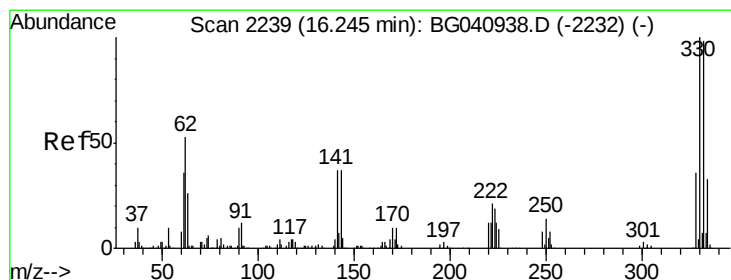
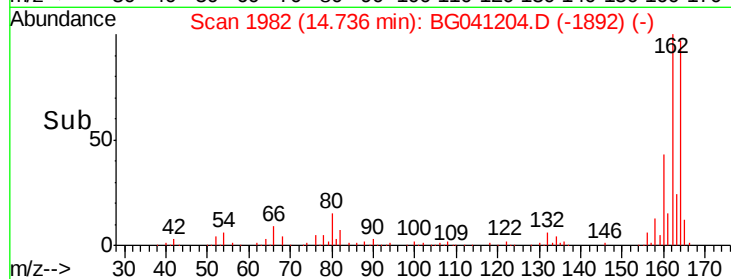
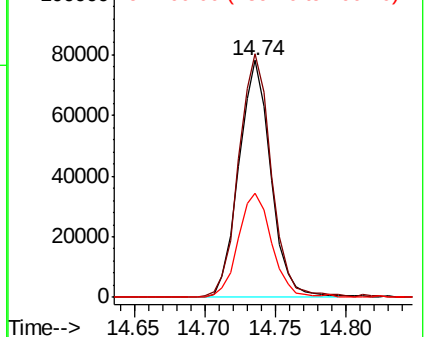
160 43.7 35.6 53.4



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: 124.680 ng

RT: 16.22 min Scan# 2235

Delta R.T. -0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

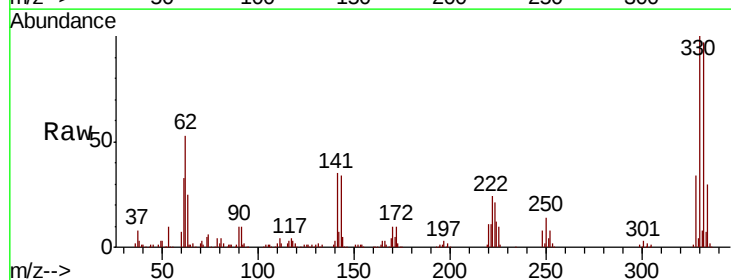
Tgt Ion:330 Resp: 229469

Ion Ratio Lower Upper

330 100

332 98.9 78.5 117.7

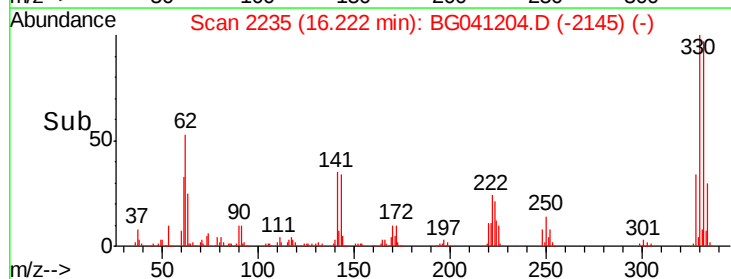
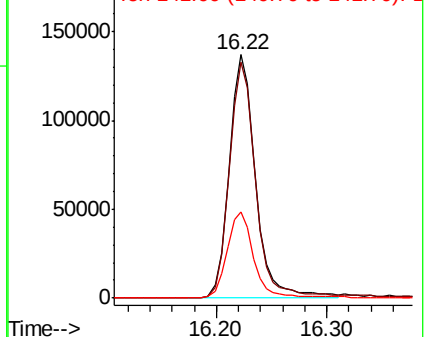
141 35.8 28.7 43.1

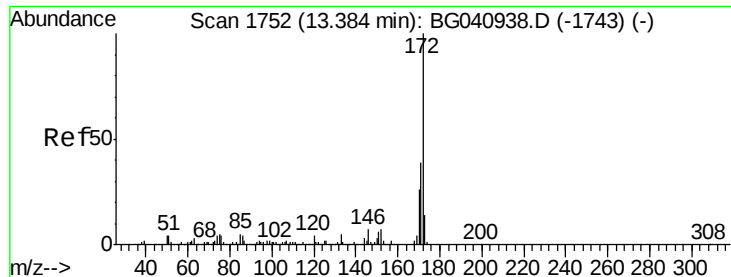


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

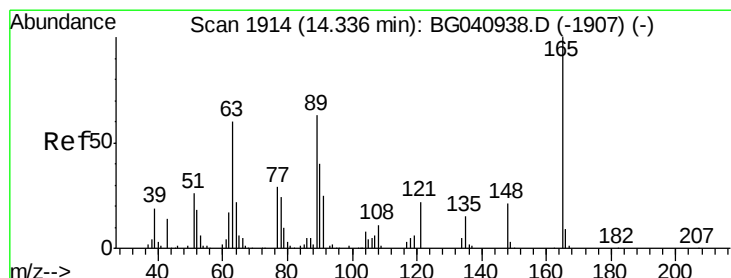
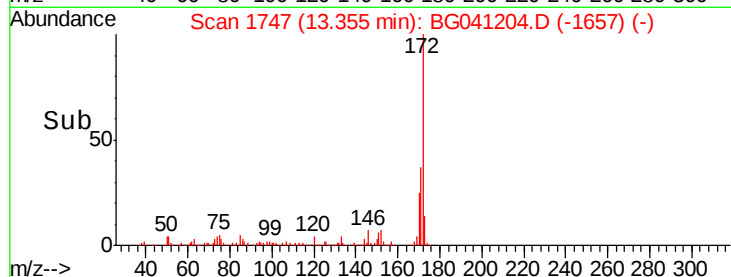
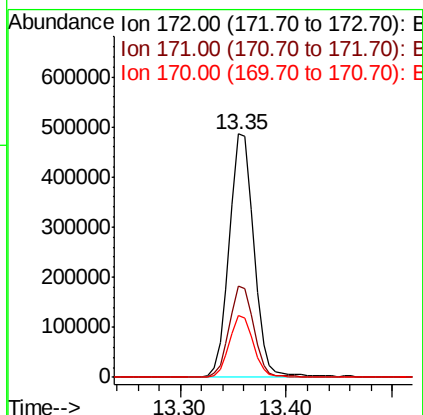
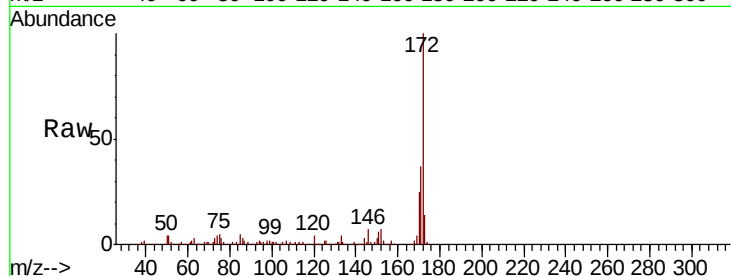




#45
 2-Fluorobiphenyl
 Concen: 91.271 ng
 RT: 13.35 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: BG041204.D
 Acq: 12 Jun 2019 13:45

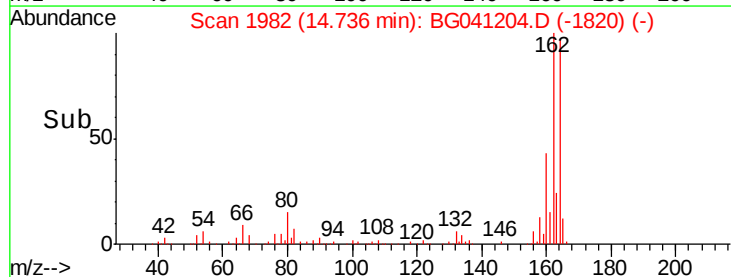
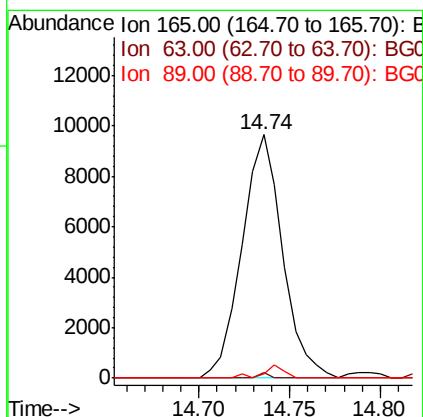
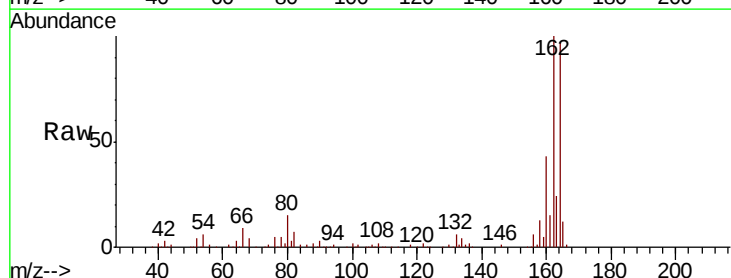
Instrument :
 BNA_G
 ClientSampleId :
 PB120526BL

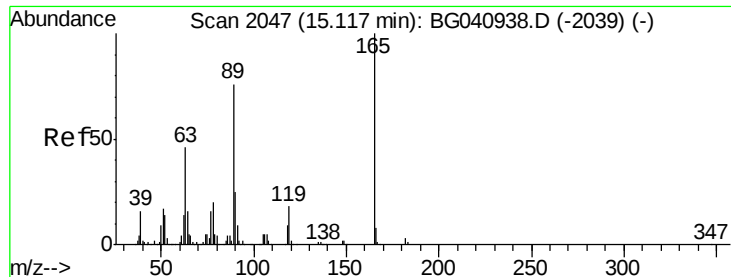
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.1	46.7
170	25.4	20.5	30.7



#51
 2,6-Dinitrotoluene
 Concen: 6.648 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. 0.42 min
 Lab File: BG041204.D
 Acq: 12 Jun 2019 13:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	53.6	80.4#
89	1.8	50.4	75.6#

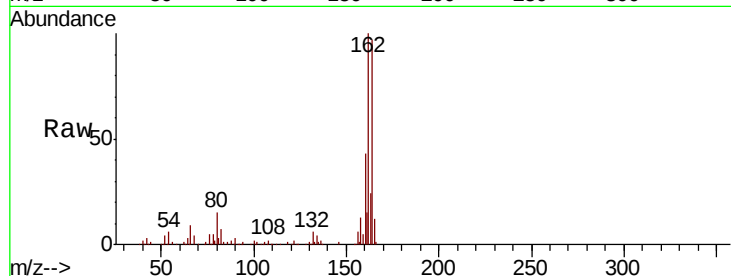




#57
2,4-Dinitrotoluene
Concen: 4.706 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.36 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

Instrument :
BNA_G
ClientSampleId :
PB120526BL

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.4	37.3	55.9#
89	1.8	61.0	91.6#
182	0.0	2.2	3.2#

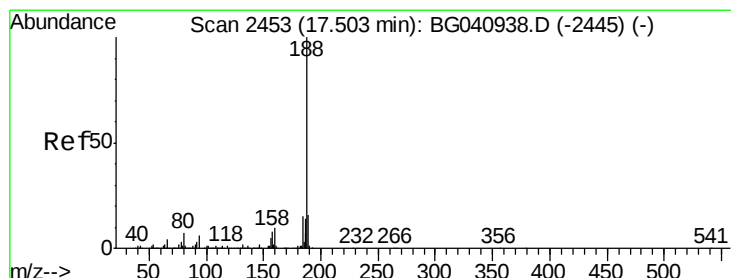
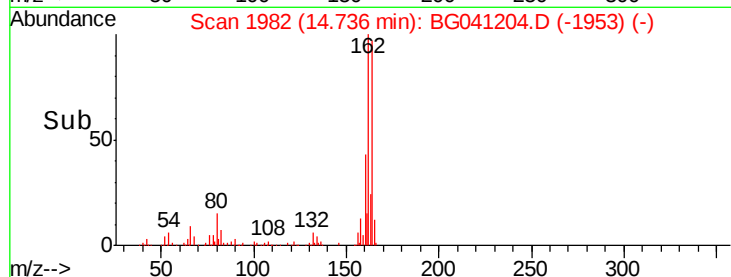
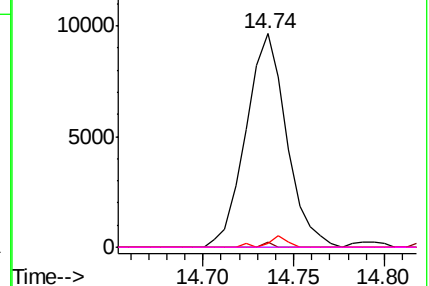


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

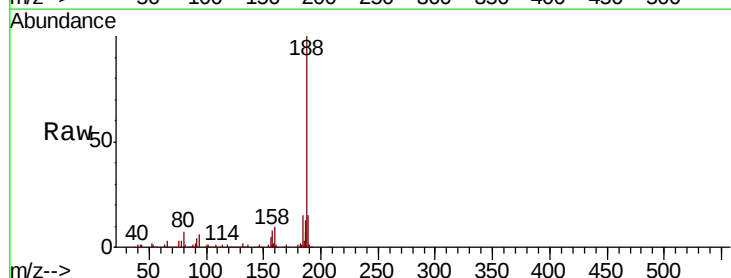
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BG041204.D
Acq: 12 Jun 2019 13:45

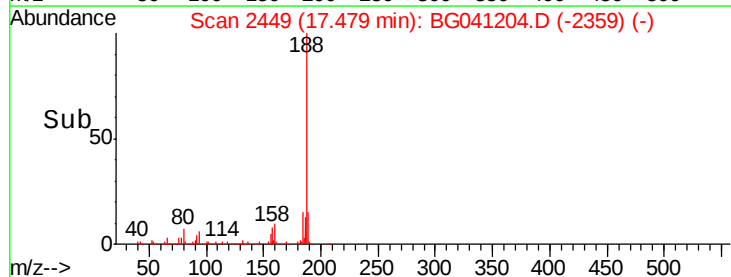
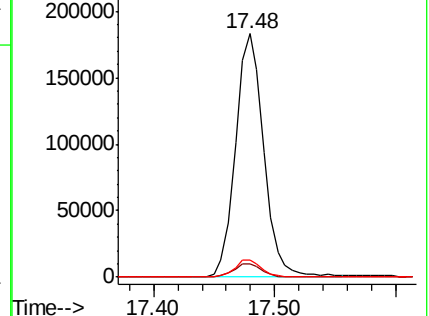
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.7	7.1
80	7.1	5.8	8.8

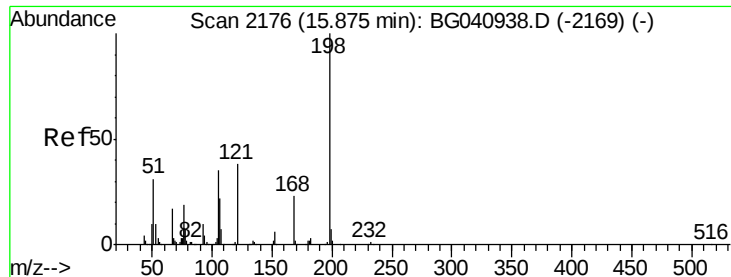


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

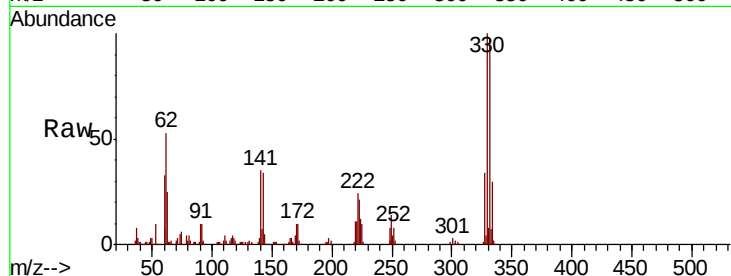




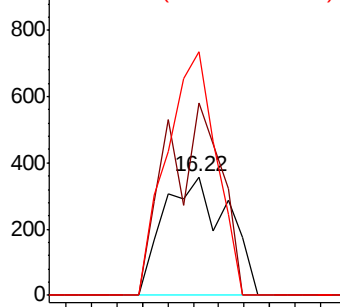
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.912 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. 0.36 min
 Lab File: BG041204.D
 Acq: 12 Jun 2019 13:45

Instrument :
 BNA_G
 ClientSampleId :
 PB120526BL

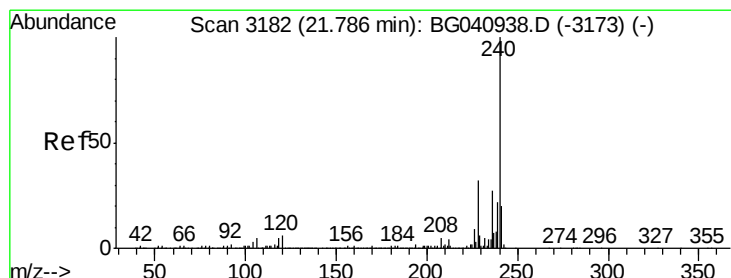
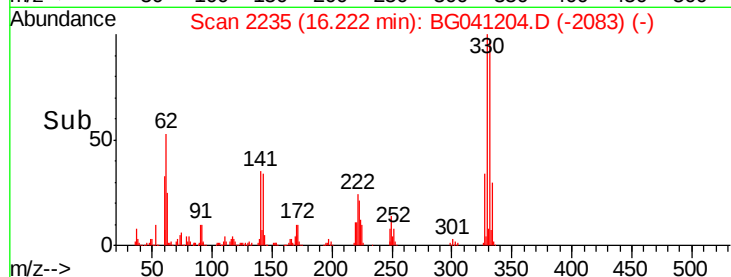
Tgt Ion:198 Resp: 627
 Ion Ratio Lower Upper
 198 100
 51 162.7 21.6 61.6#
 105 205.9 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

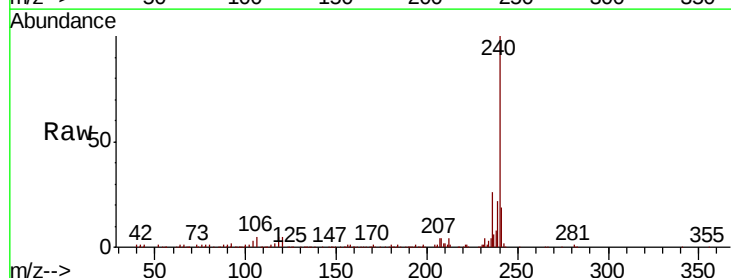


Time-->

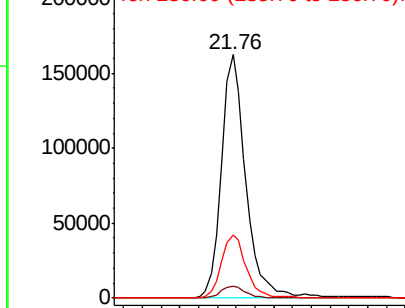


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3177
 Delta R.T. -0.00 min
 Lab File: BG041204.D
 Acq: 12 Jun 2019 13:45

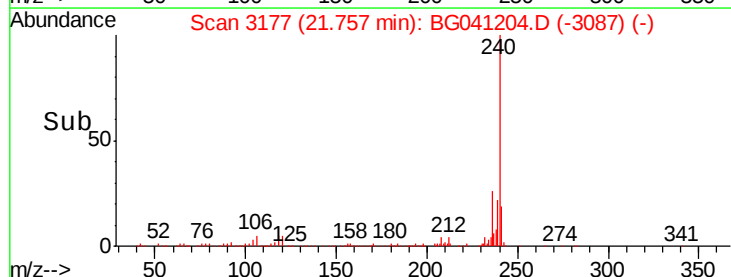
Tgt Ion:240 Resp: 294711
 Ion Ratio Lower Upper
 240 100
 120 5.2 4.5 6.7
 236 25.9 21.3 31.9

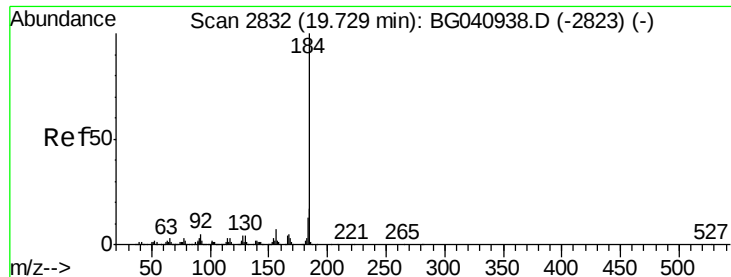


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 3.299 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.37 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL

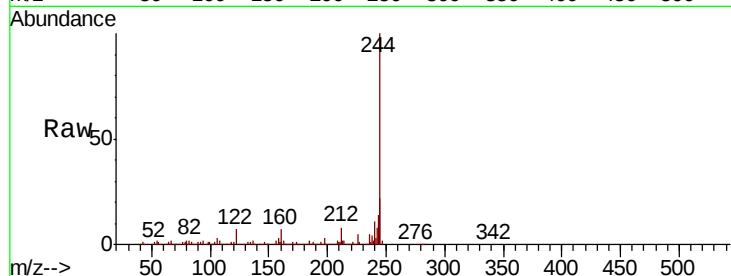
Tgt Ion:184 Resp: 23195

Ion Ratio Lower Upper

184 100

185 16.3 13.3 19.9

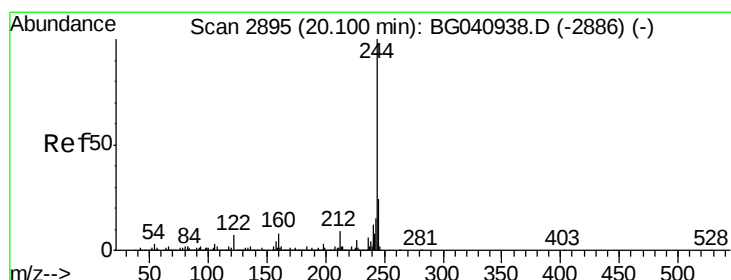
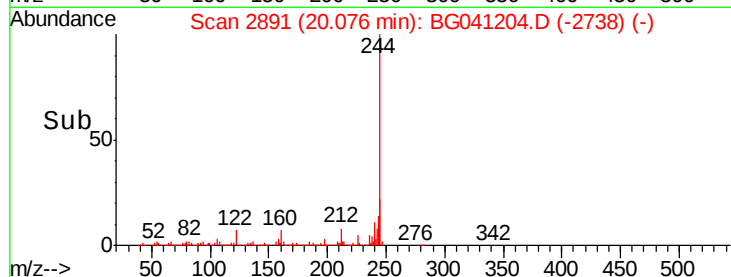
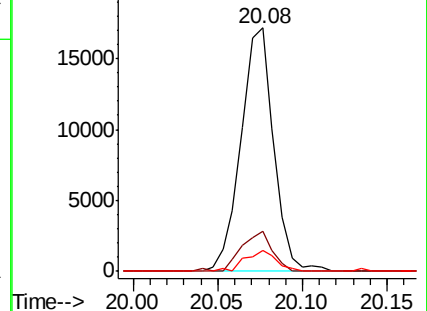
183 8.8 10.7 16.1#



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: 97.282 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041204.D

Acq: 12 Jun 2019 13:45

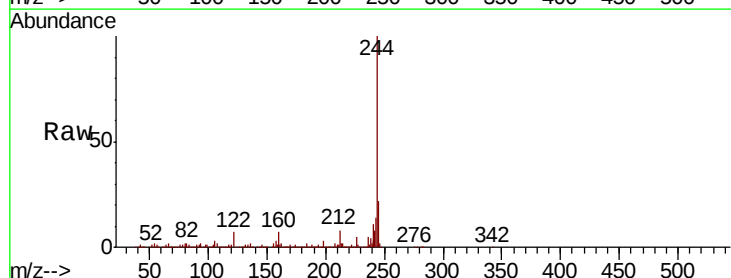
Tgt Ion:244 Resp: 1350874

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

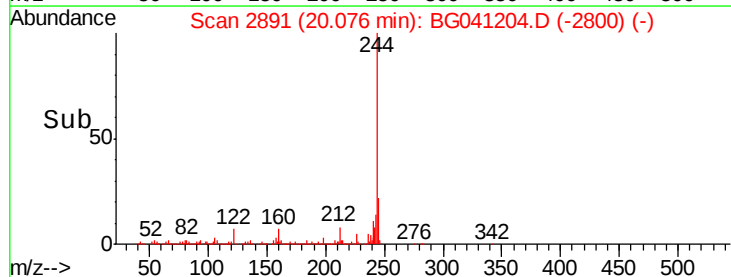
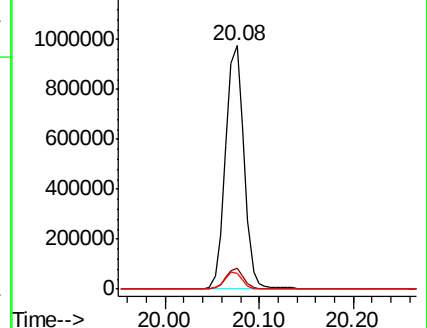
122 6.5 5.4 8.0

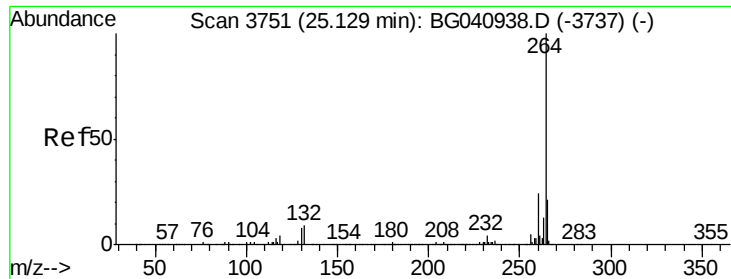


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041204.D

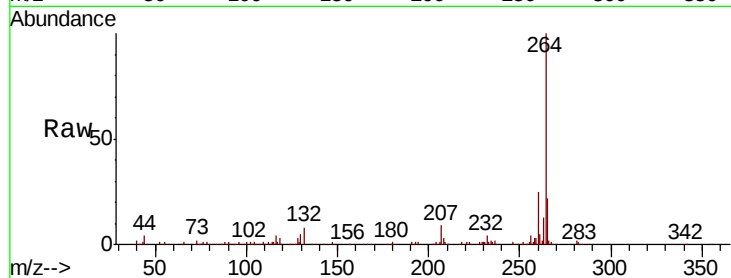
Acq: 12 Jun 2019 13:45

Instrument :

BNA_G

ClientSampleId :

PB120526BL



Tgt Ion:	264	Resp:	279574
Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.0	28.4
265	22.4	17.0	25.4

