

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041068.D
 Acq On : 5 Jun 2019 11:44
 Operator : HP/JU
 Sample : PB120267BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120267BL

Quant Time: Jun 06 04:20:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

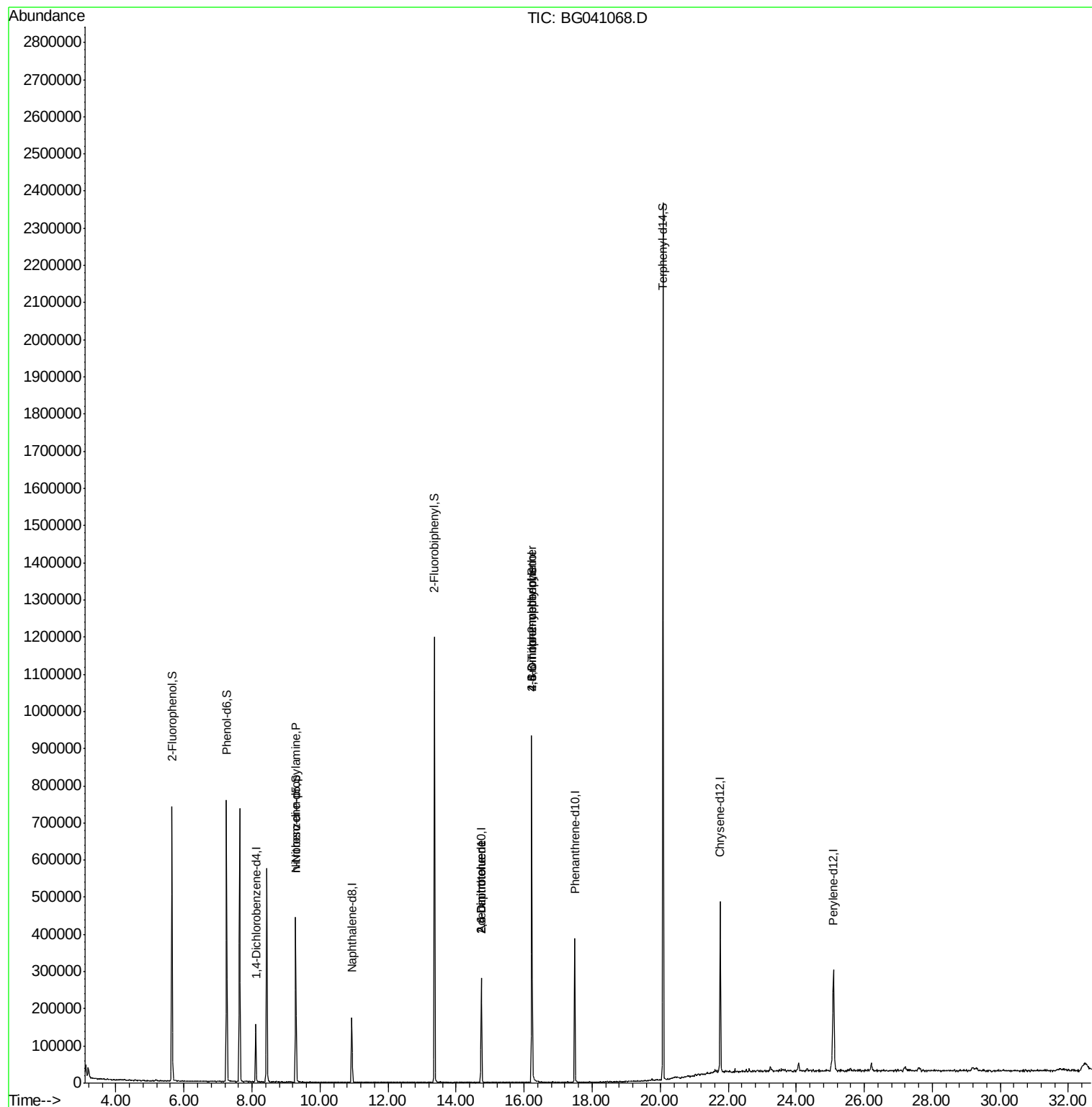
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	40785	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	149066	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	96698	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	250607	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	285749	20.00	ng	-0.02
87) Perylene-d12	25.09	264	309320	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	290883	128.61	ng	0.00
7) Phenol-d6	7.25	99	400840	114.75	ng	-0.01
23) Nitrobenzene-d5	9.29	82	277123	82.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	181866	126.69	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	601695	89.61	ng	-0.02
79) Terphenyl-d14	20.08	244	1134006	84.23	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.29	70	39793	14.803	ng	# 74
51) 2,6-Dinitrotoluene	14.74	165	12360	7.003	ng	# 20
57) 2,4-Dinitrotoluene	14.74	165	12360	4.958	ng	# 22
65) 4,6-Dinitro-2-methylphenol	16.23	198	687	9.010	ng	# 1
67) 4-Bromophenyl-phenylether	16.23	248	13058	3.861	ng	# 1

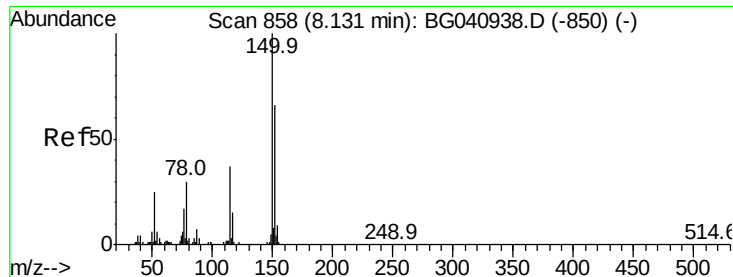
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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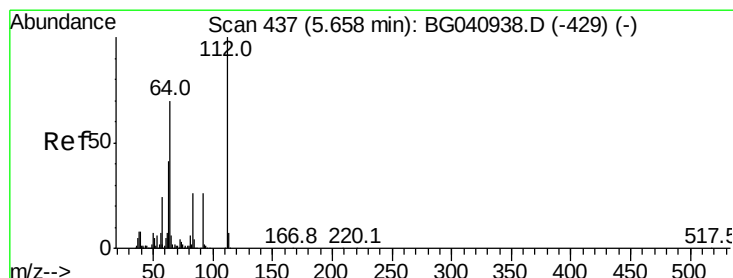
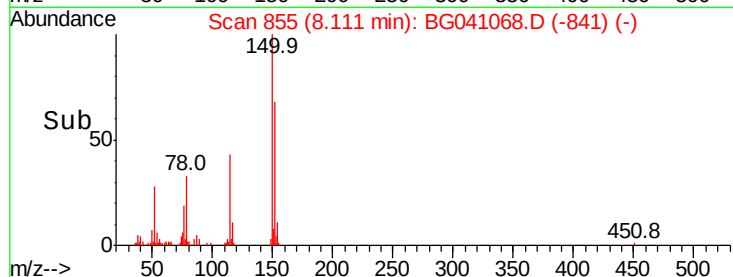
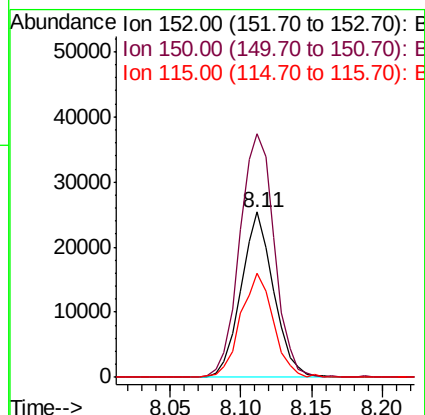
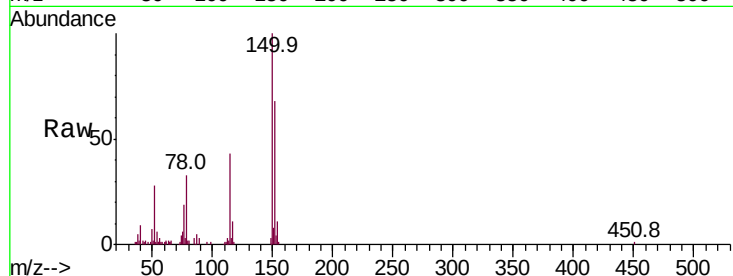


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Instrument :
BNA_G
ClientSampleId :
PB120267BL

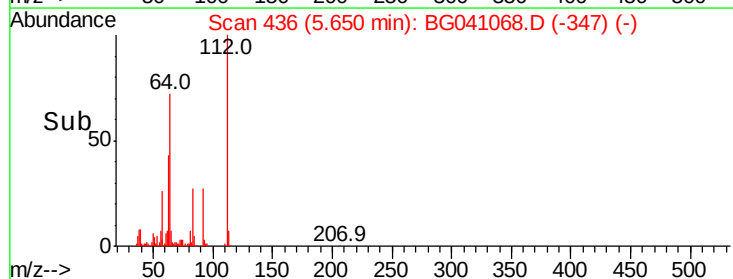
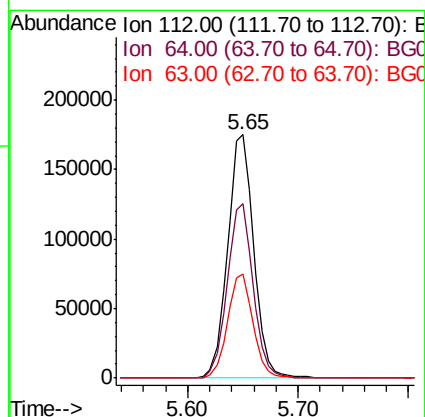
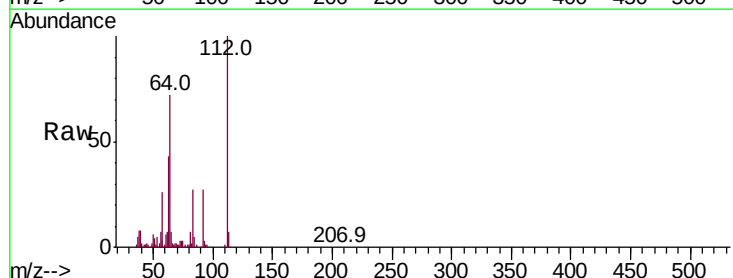
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.2	120.6	180.8
115	62.8	45.1	67.7

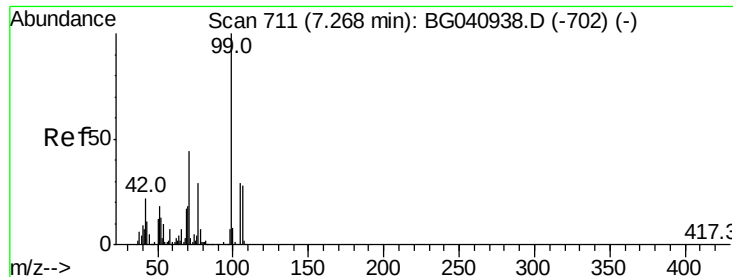


#5

2-Fluorophenol
Concen: 128.607 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	56.2	84.2
63	42.6	32.8	49.2





#7

Phenol-d6

Concen: 114.752 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

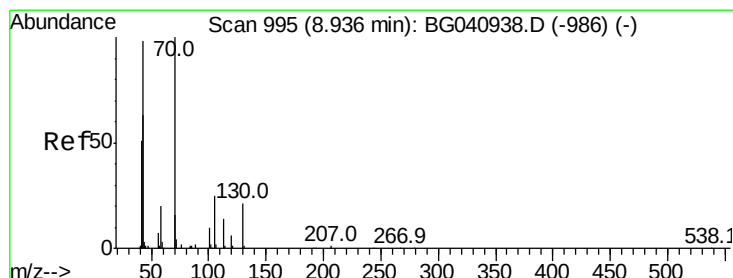
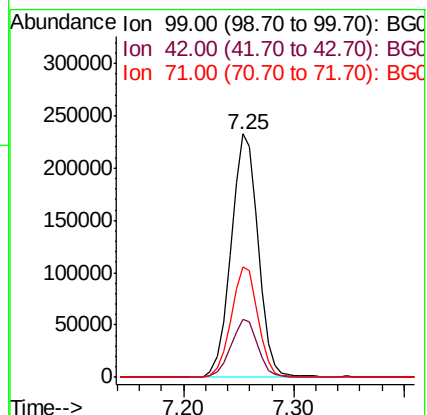
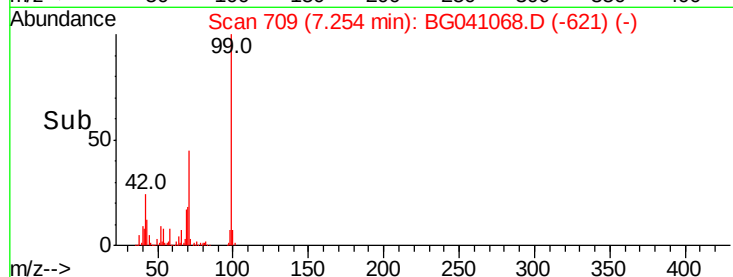
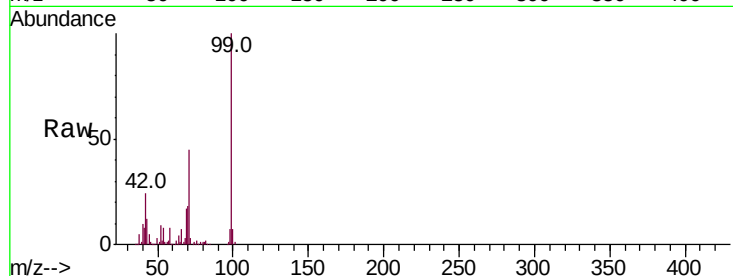
Tot Ion: 99 Resp: 400840

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

71 45.2 35.4 53.0



#19

n-Nitroso-di-n-propylamine

Concen: 14.803 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.35 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Tgt Ion: 70 Resp: 39793

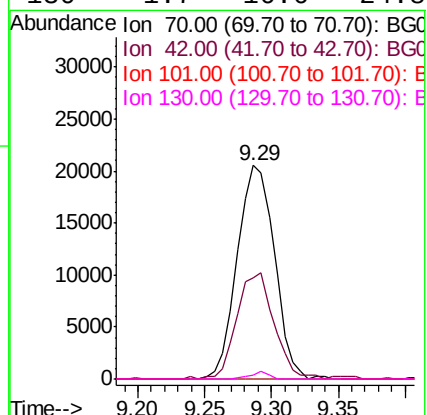
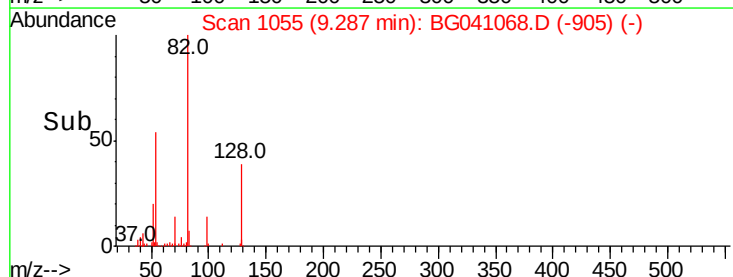
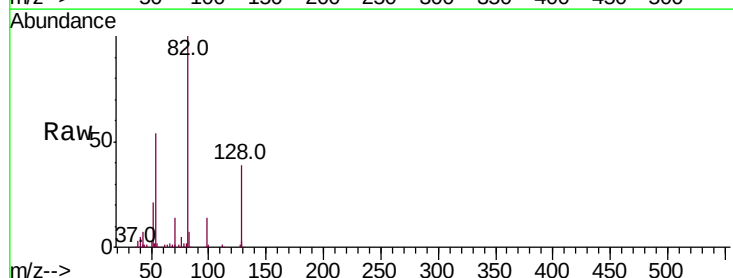
Ion Ratio Lower Upper

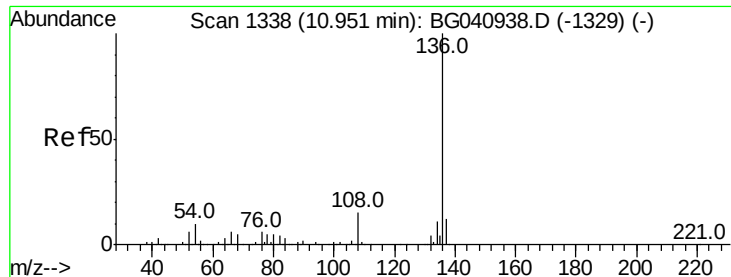
70 100

42 47.6 51.5 77.3#

101 0.0 8.1 12.1#

130 1.7 16.6 24.8#

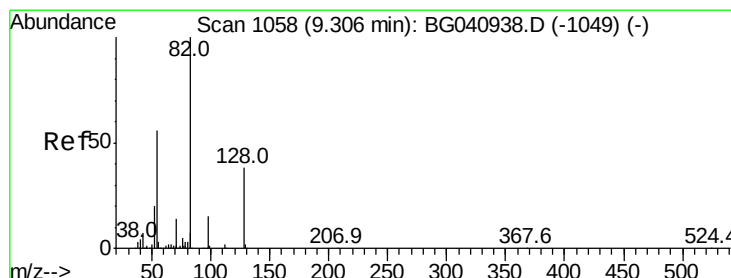
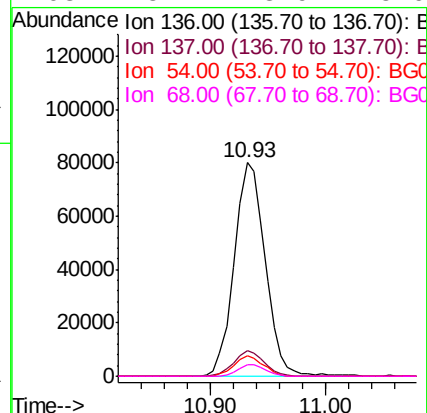
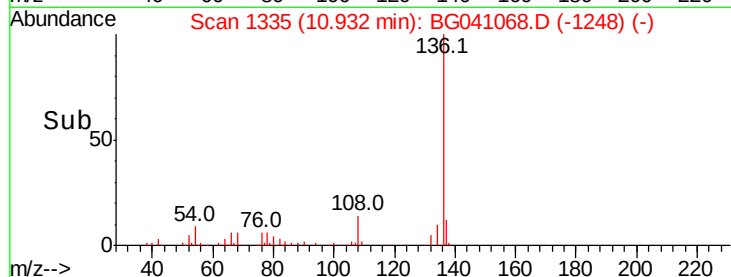
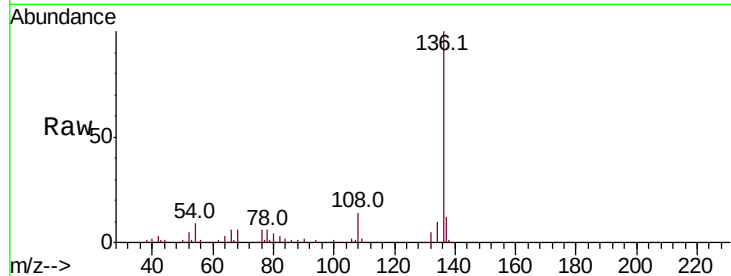




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

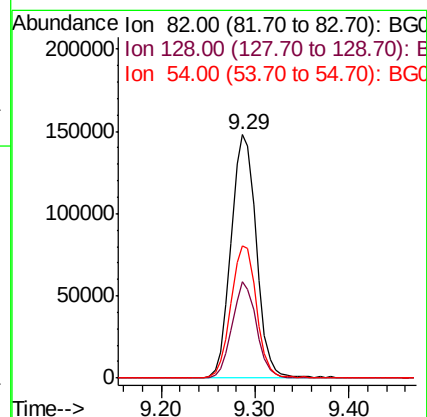
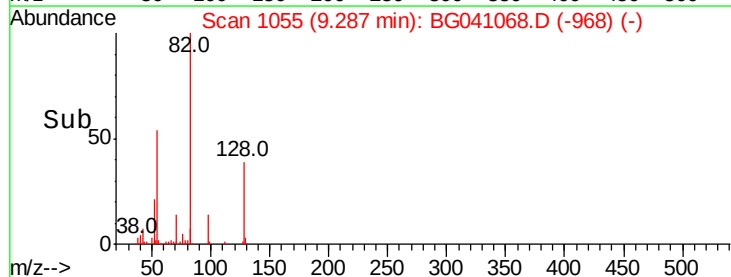
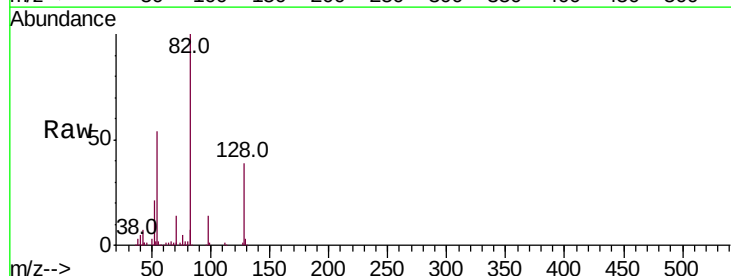
Instrument :
BNA_G
ClientSampleId :
PB120267BL

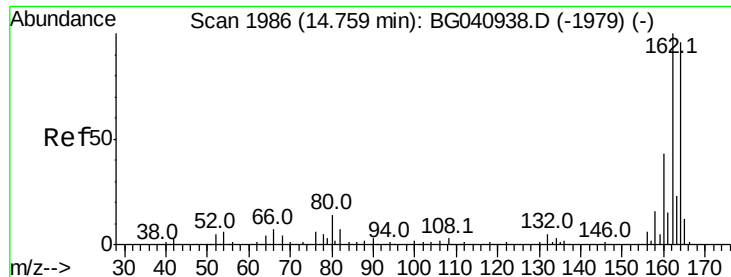
Tot Ion:136	Resp:	149066
Ion Ratio	Lower	Upper
136	100	
137	12.0	9.5 14.3
54	9.4	7.6 11.4
68	5.7	3.9 5.9



#23
Nitrobenzene-d5
Concen: 82.531 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Tgt Ion: 82	Resp:	277123
Ion Ratio	Lower	Upper
82	100	
128	39.3	30.5 45.7
54	54.3	44.6 66.8

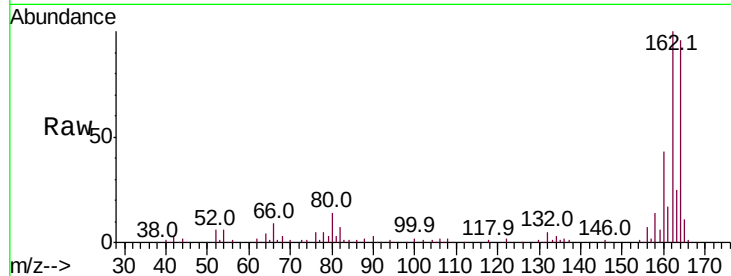




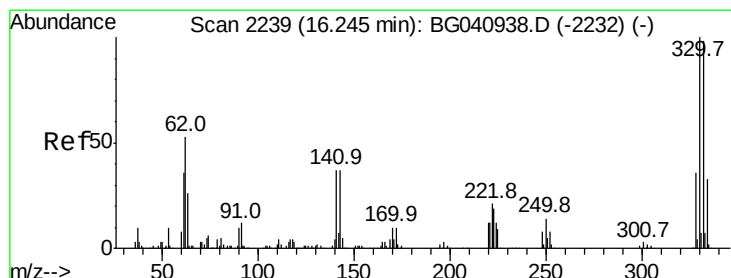
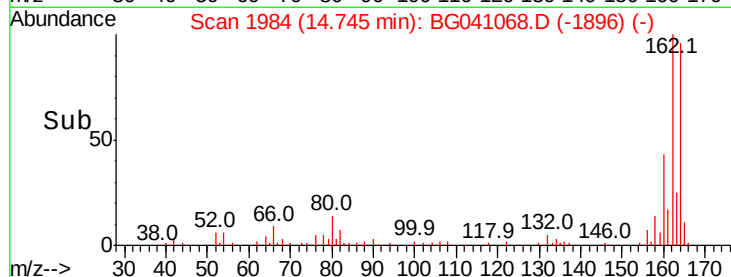
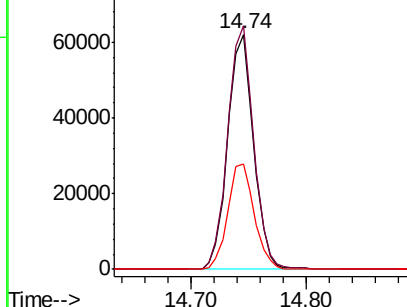
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Instrument :
BNA_G
ClientSampleId :
PB120267BL

Tot Ion:164 Resp: 96698
Ion Ratio Lower Upper
164 100
162 103.7 83.0 124.4
160 44.7 35.6 53.4

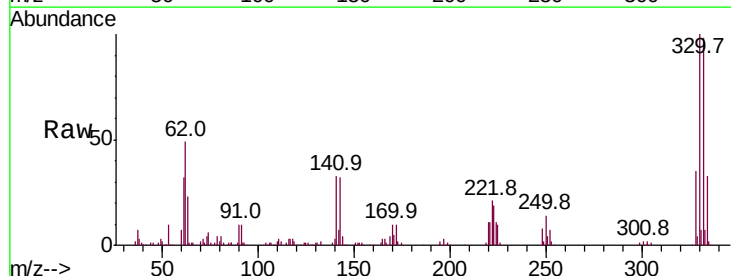


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

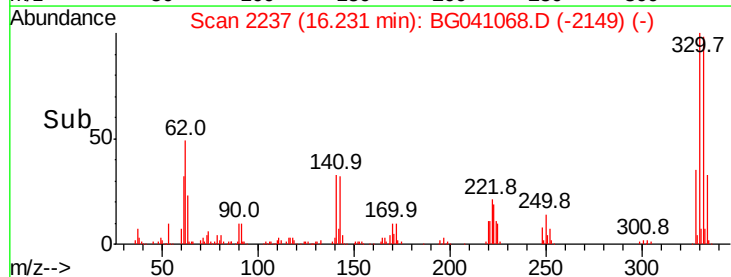
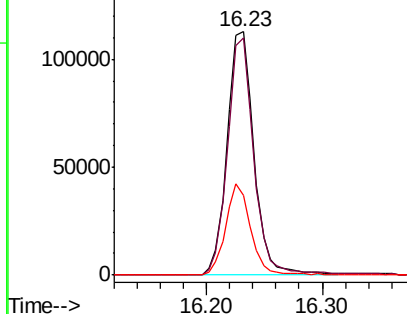


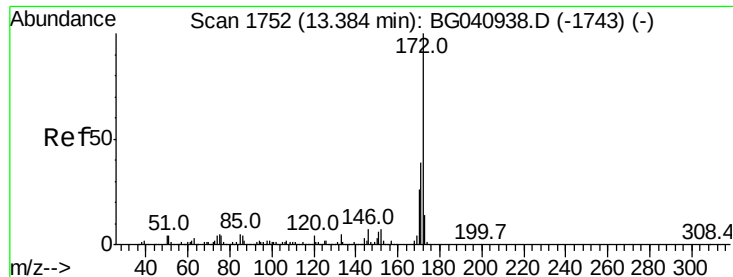
#42
2,4,6-Tribromophenol
Concen: 126.687 ng
RT: 16.23 min Scan# 2237
Delta R.T. -0.01 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Tgt Ion:330 Resp: 181866
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 35.4 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

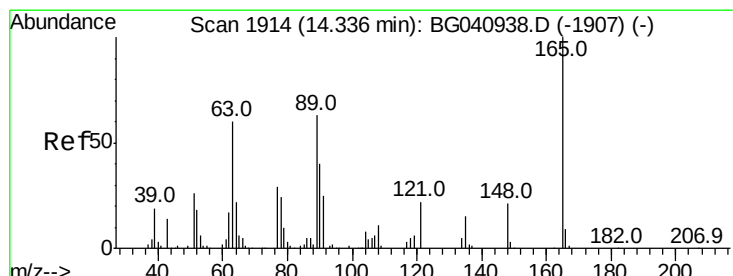
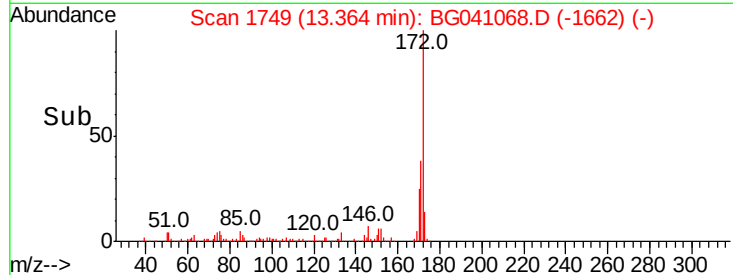
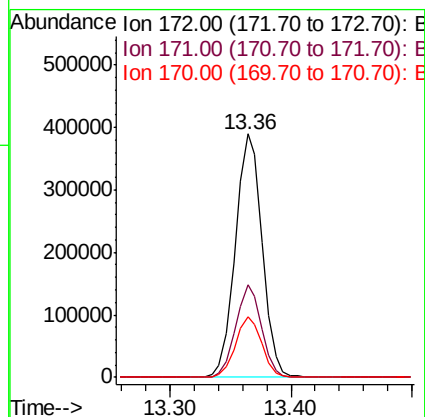
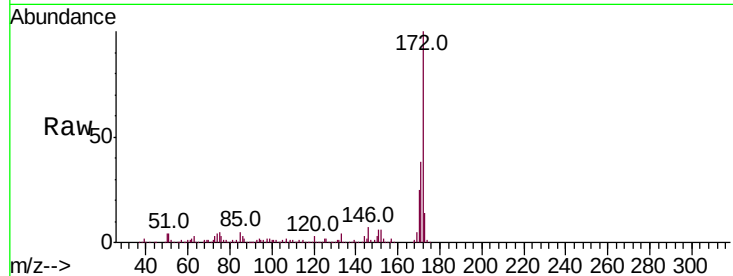




#45
2-Fluorobiphenyl
Concen: 89.609 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.02 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

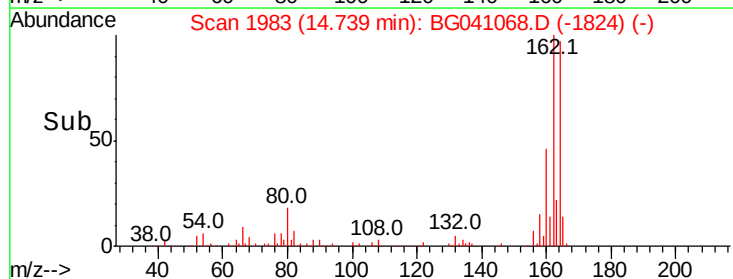
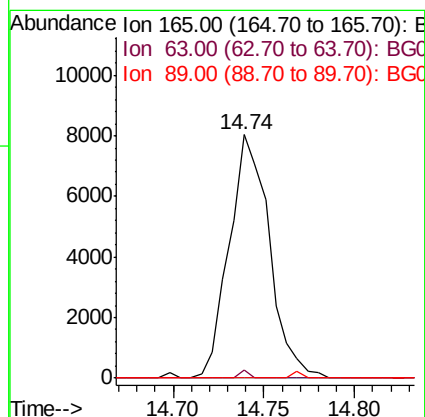
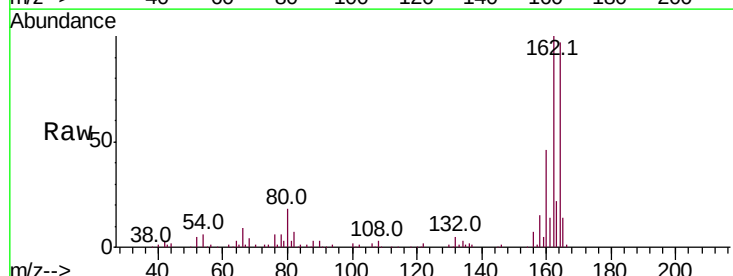
Instrument :
BNA_G
ClientSampleId :
PB120267BL

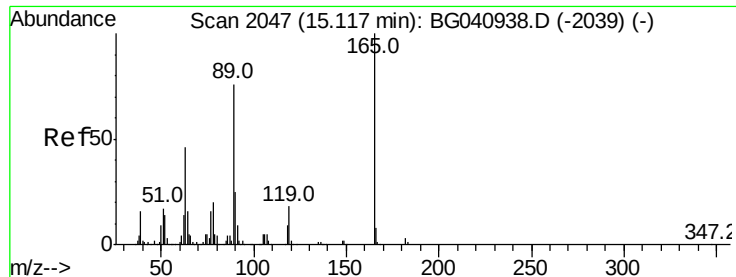
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	24.8	20.5	30.7



#51
2,6-Dinitrotoluene
Concen: 7.003 ng
RT: 14.74 min Scan# 1983
Delta R.T. 0.40 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Tgt Ion	Ratio	Lower	Upper
165	100		
63	3.5	53.6	80.4#
89	0.0	50.4	75.6#





#57

2,4-Dinitrotoluene

Concen: 4.958 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.38 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

Tot Ion:165 Resp: 12360

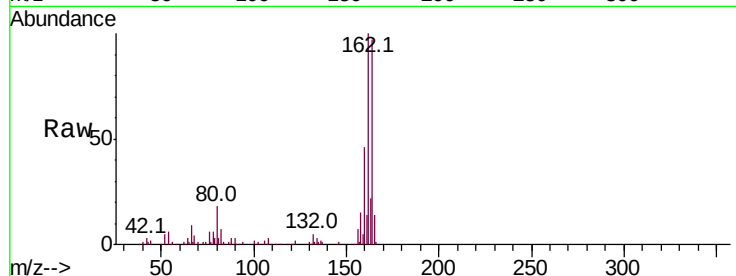
Ion Ratio Lower Upper

165 100

63 3.5 37.3 55.9#

89 0.0 61.0 91.6#

182 0.0 2.2 3.2#

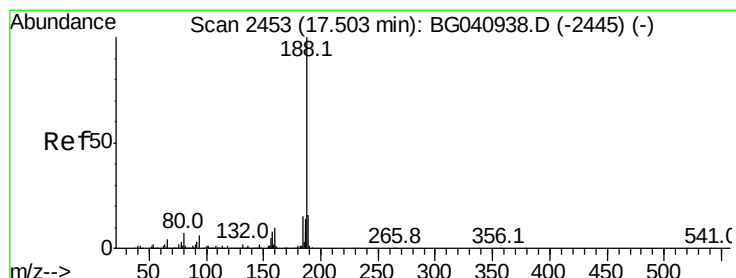
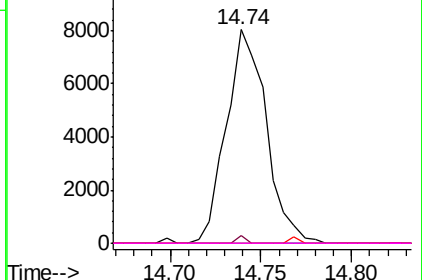
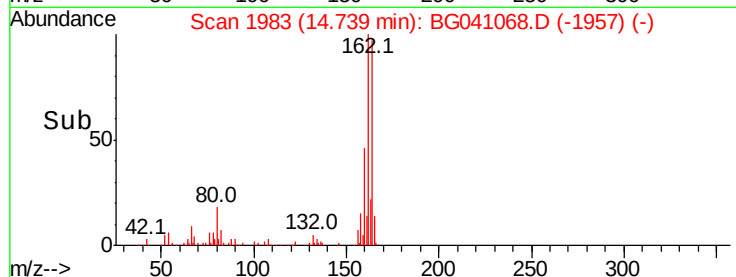


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.49 min Scan# 2451

Delta R.T. -0.01 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

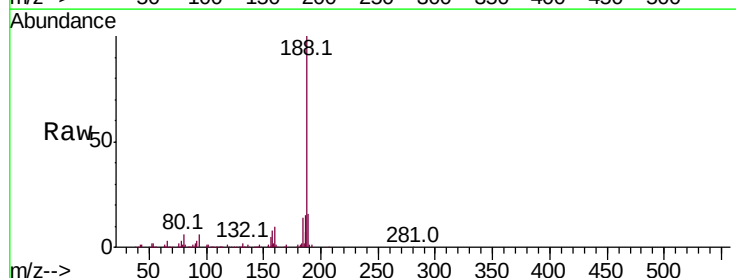
Tgt Ion:188 Resp: 250607

Ion Ratio Lower Upper

188 100

94 5.8 4.7 7.1

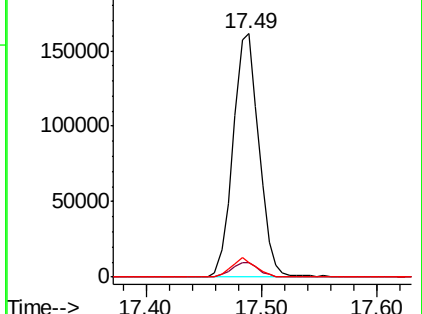
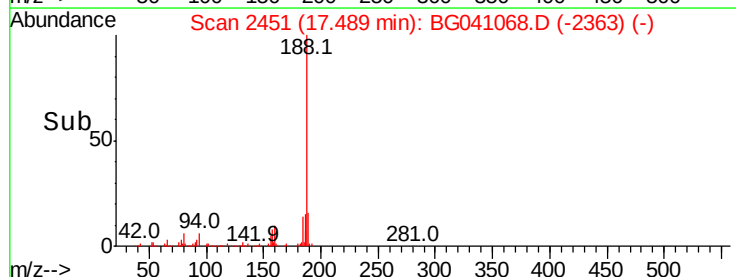
80 6.2 5.8 8.8

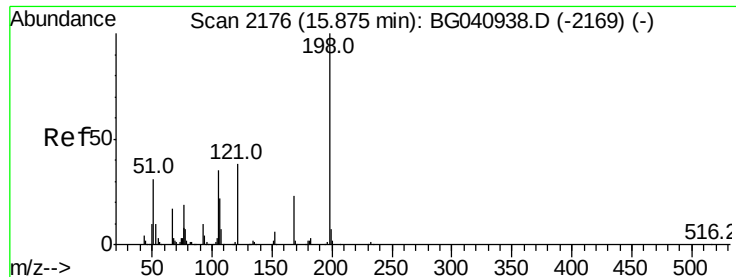


Abundance Ion 188.00 (187.70 to 188.70): E

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: 9.010 ng

RT: 16.23 min Scan# 2236

Delta R.T. 0.35 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

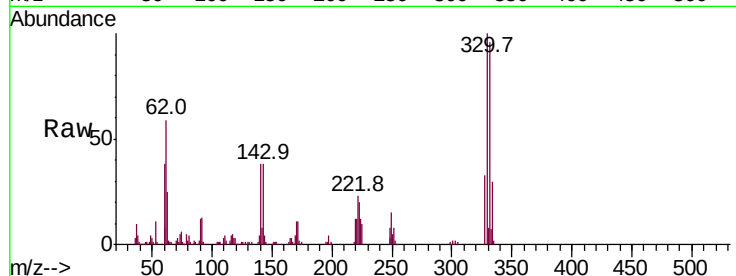
Tot Ion:198 Resp: 687

Ion Ratio Lower Upper

198 100

51 146.0 21.6 61.6#

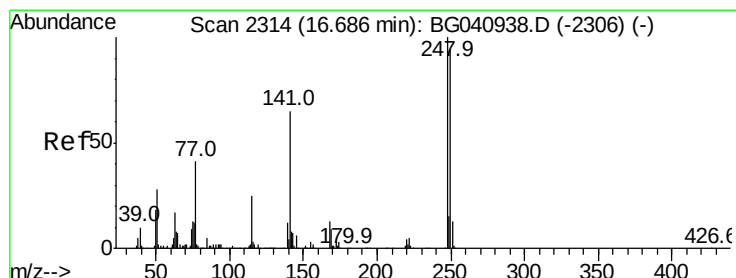
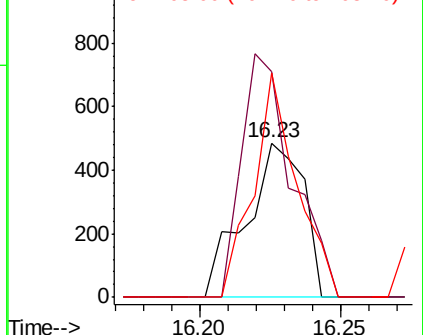
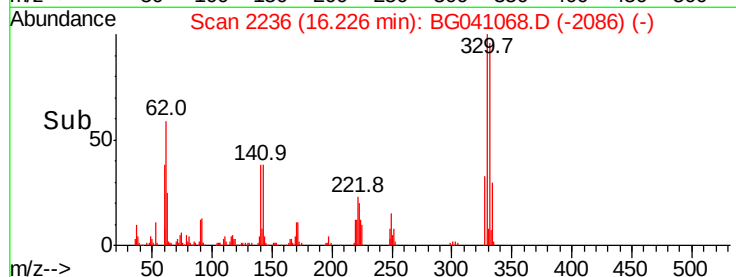
105 145.4 17.5 57.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 3.861 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.46 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

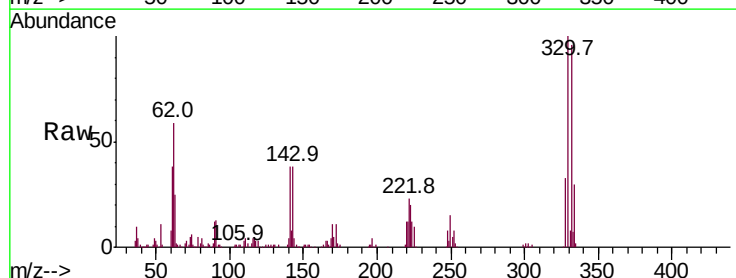
Tgt Ion:248 Resp: 13058

Ion Ratio Lower Upper

248 100

250 181.6 75.0 112.4#

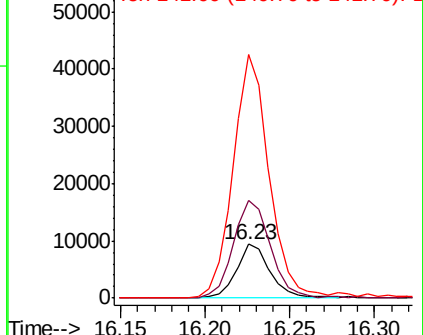
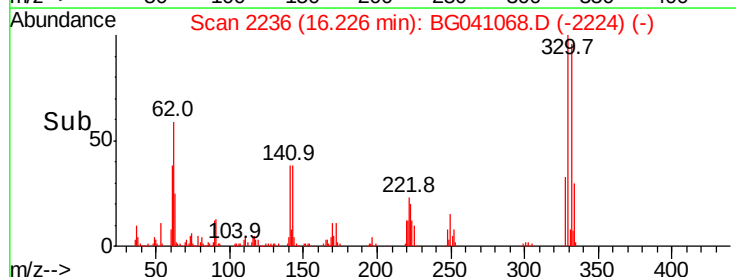
141 450.8 52.4 78.6#

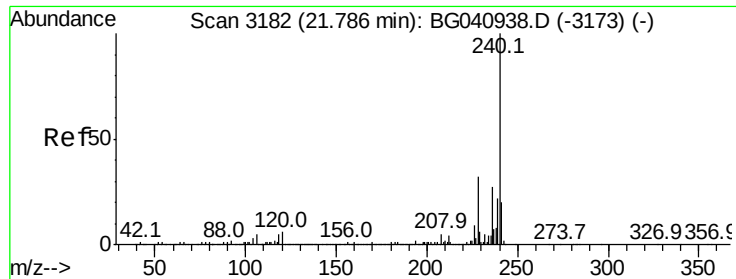


Abundance Ion 248.00 (247.70 to 248.70): E

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: 21.77 min Scan# 3179

Delta R.T. -0.02 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

Instrument :

BNA_G

ClientSampleId :

PB120267BL

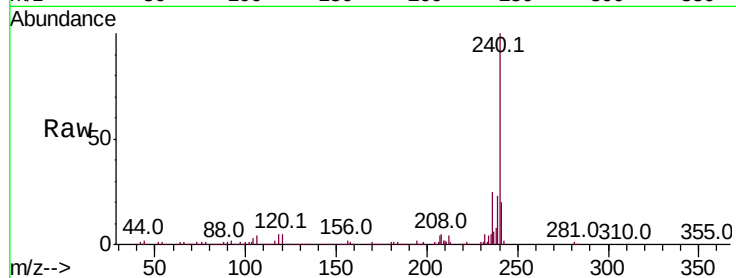
Tot Ion:240 Resp: 285749

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

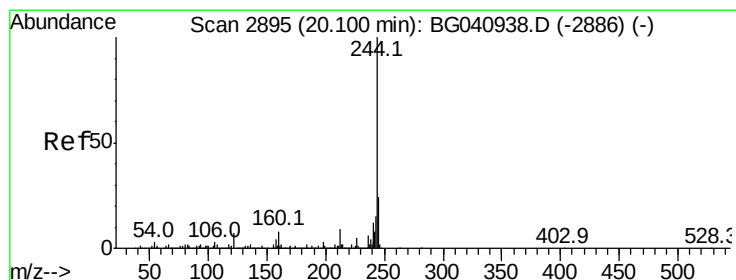
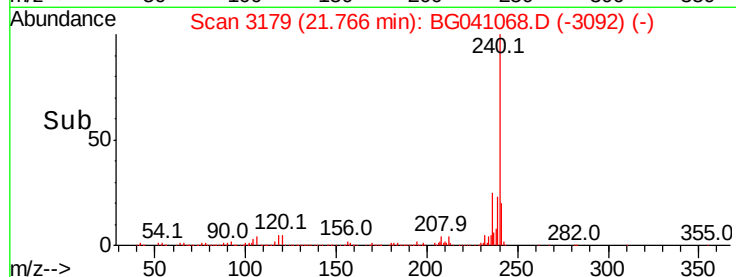
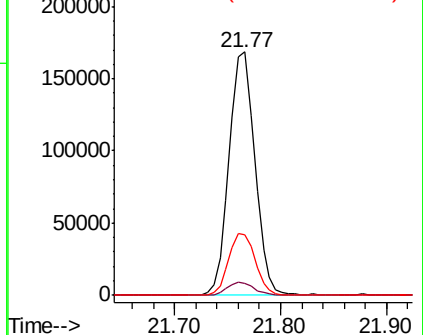
236 24.9 21.3 31.9



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



#79

Terphenyl-d14

Concen: 84.226 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041068.D

Acq: 5 Jun 2019 11:44

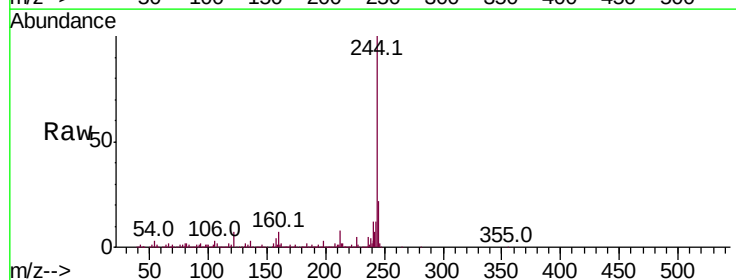
Tgt Ion:244 Resp: 1134006

Ion Ratio Lower Upper

244 100

212 8.3 7.0 10.4

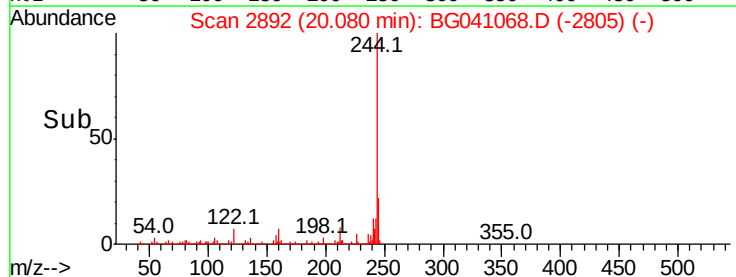
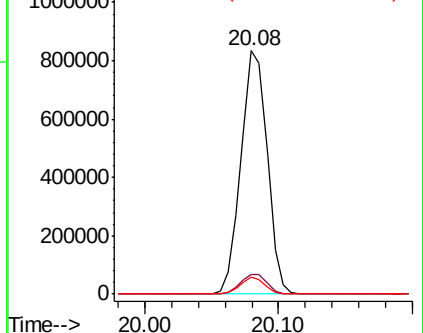
122 6.9 5.4 8.0

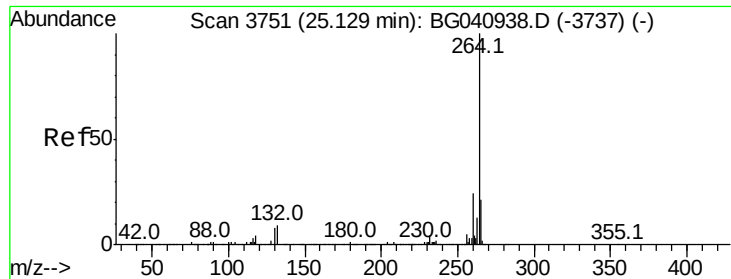


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

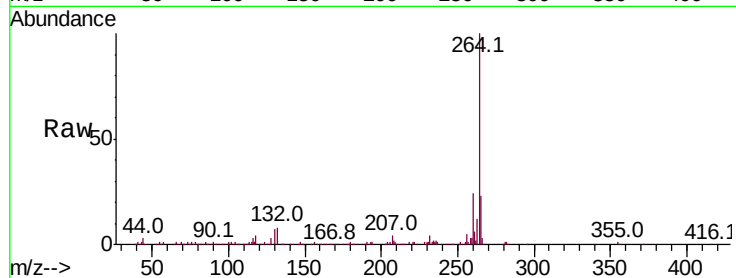




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3745
Delta R.T. -0.04 min
Lab File: BG041068.D
Acq: 5 Jun 2019 11:44

Instrument :
BNA_G
ClientSampleId :
PB120267BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.0	28.4
265	22.7	17.0	25.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

