

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040710.D
 Acq On : 2 May 2019 17:06
 Operator : JU/SJ
 Sample : PB119403BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119403BL

Quant Time: May 03 04:23:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 24 05:35:33 2019
 Response via : Initial Calibration

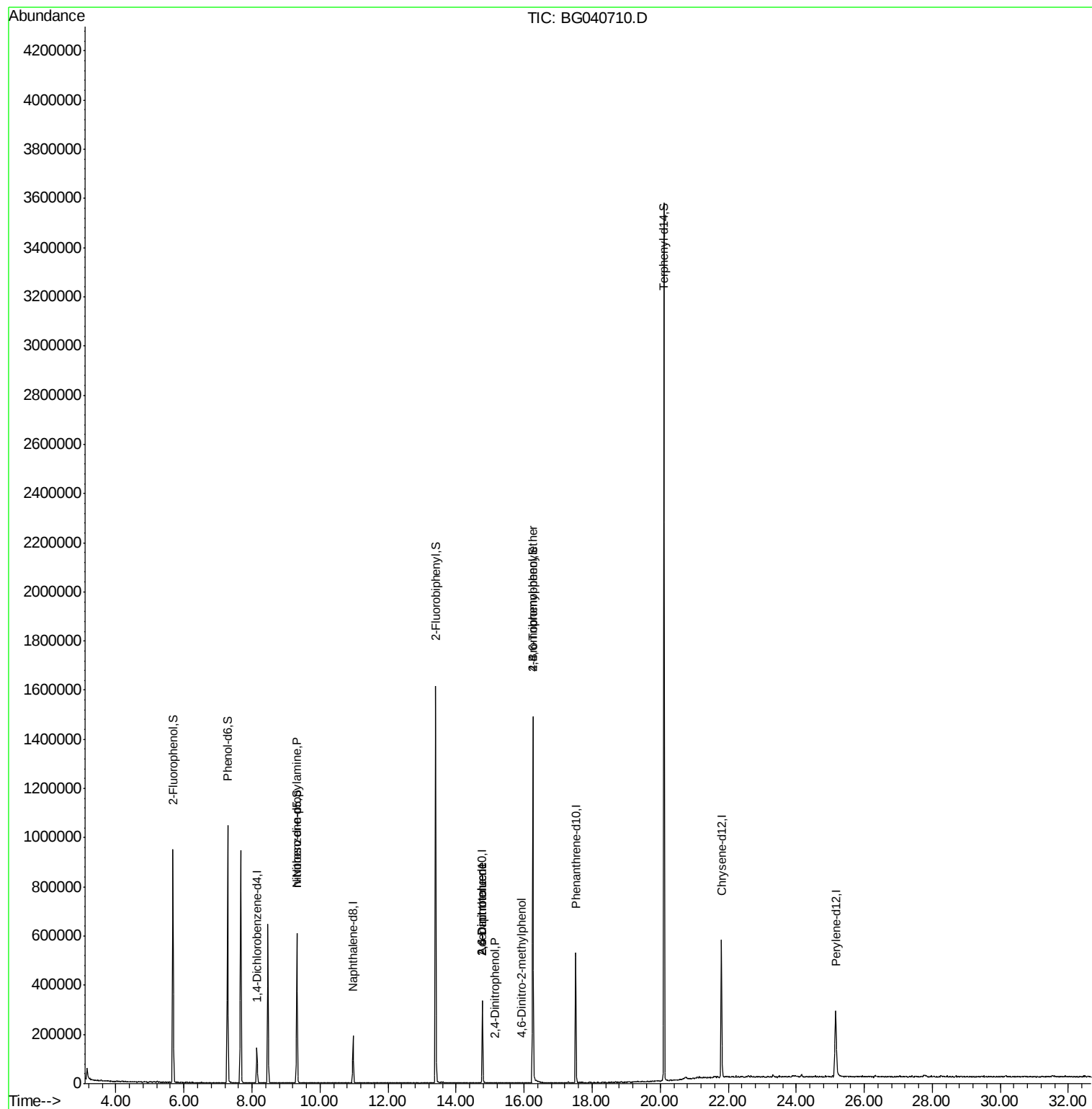
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	36874	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	149628	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	109916	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	319503	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	334823	20.00	ng	-0.02
87) Perylene-d12	25.16	264	341391	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	346843	165.81	ng	-0.01
7) Phenol-d6	7.28	99	513560	159.45	ng	-0.01
23) Nitrobenzene-d5	9.32	82	349411	107.90	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	269918	178.66	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	783647	102.96	ng	-0.02
79) Terphenyl-d14	20.12	244	1663851	110.09	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	1157	Below Cal	Qvalue	# 6
19) n-Nitroso-di-n-propylamine	9.32	70	49013	16.905 ng	#	77
51) 2,6-Dinitrotoluene	14.77	165	14015	7.808 ng	#	12
54) 2,4-Dinitrophenol	15.16	184	65	7.073 ng	#	21
57) 2,4-Dinitrotoluene	14.77	165	14015	5.746 ng	#	14
65) 4,6-Dinitro-2-methylphenol	15.93	198	60	7.134 ng	#	28
67) 4-Bromophenyl-phenylether	16.26	248	19349	4.861 ng	#	1

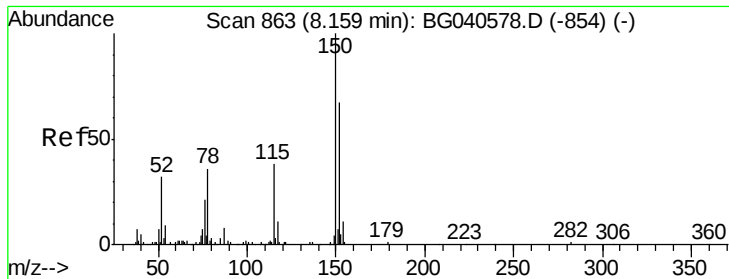
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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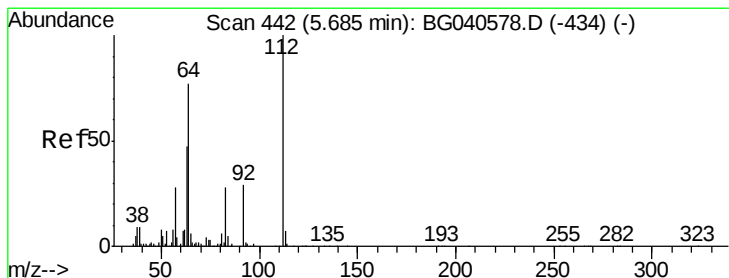
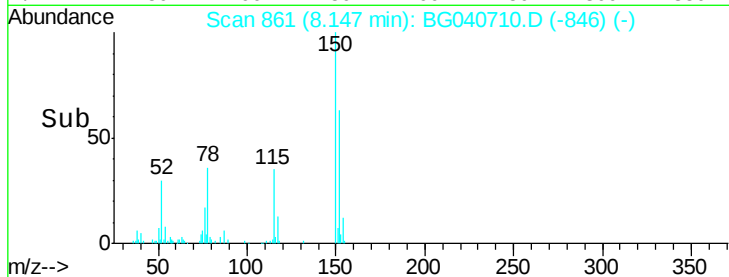
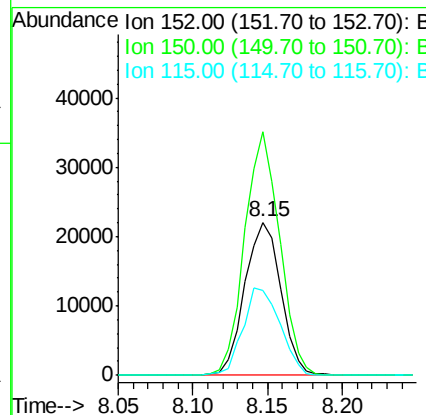
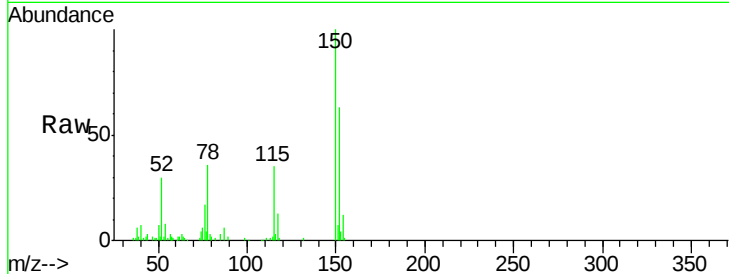


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

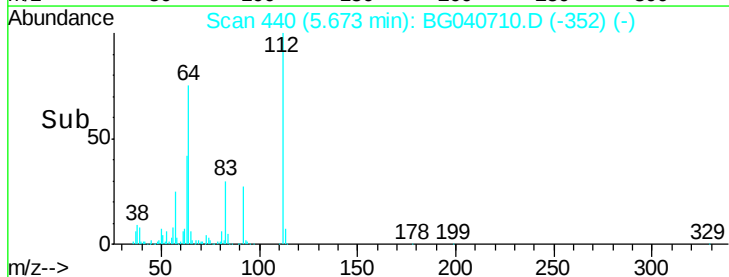
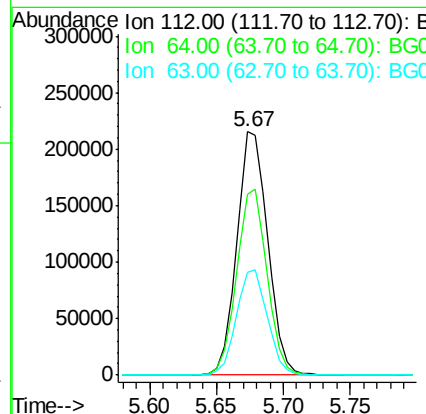
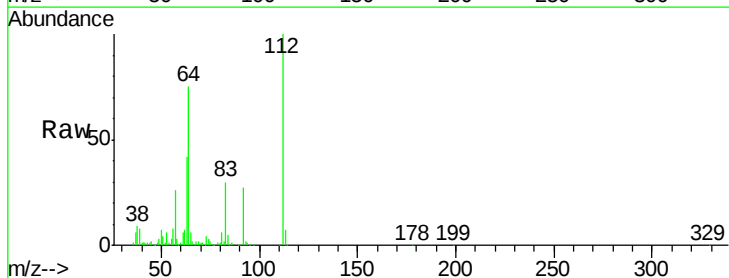
Tot Ion:152 Resp: 36874
Ion Ratio Lower Upper
152 100
150 159.0 120.2 180.2
115 55.4 46.2 69.2

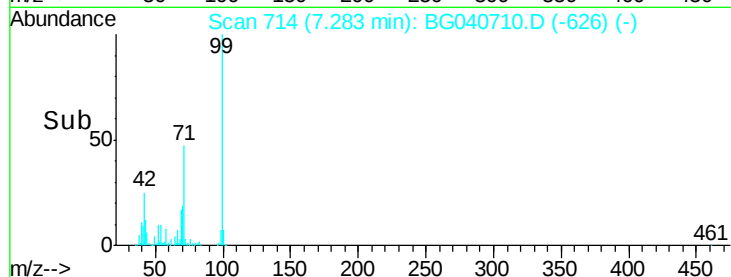
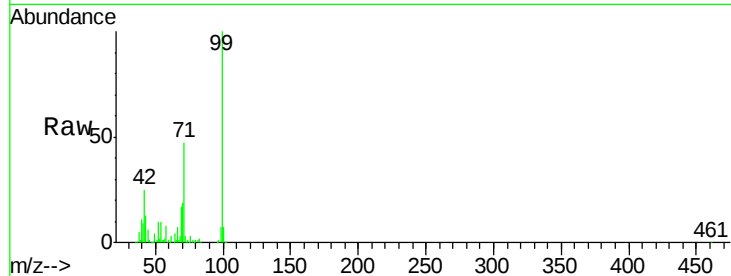
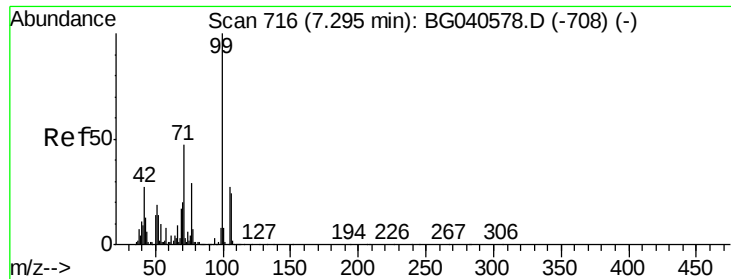


#5

2-Fluorophenol
Concen: 165.809 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:112 Resp: 346843
Ion Ratio Lower Upper
112 100
64 74.5 61.4 92.0
63 42.2 37.8 56.6





#7

Phenol-d6

Concen: 159.450 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

Instrument :

BNA_G

ClientSampleId :

PB119403BL

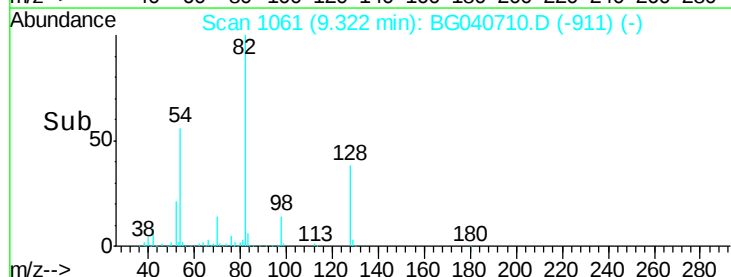
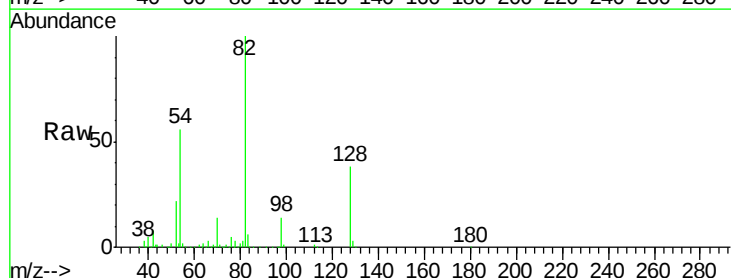
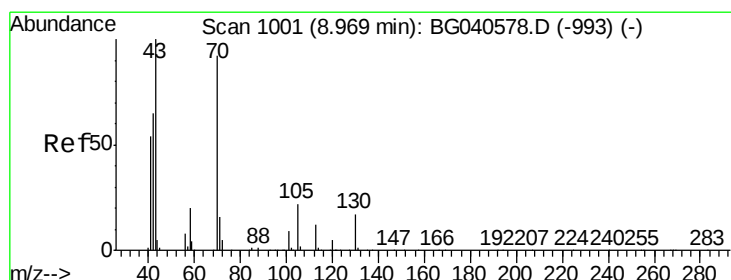
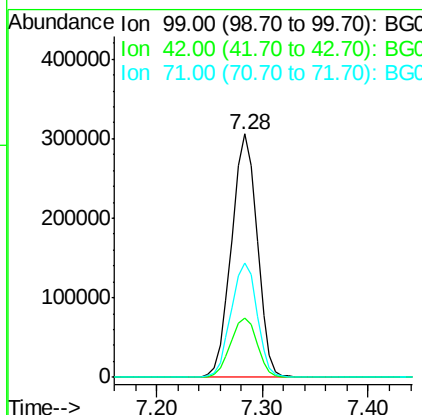
Tot Ion: 99 Resp: 513560

Ion Ratio Lower Upper

99 100

42 24.5 21.8 32.8

71 46.8 38.6 57.8



#19

n-Nitroso-di-n-propylamine

Concen: 16.905 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

Tgt Ion: 70 Resp: 49013

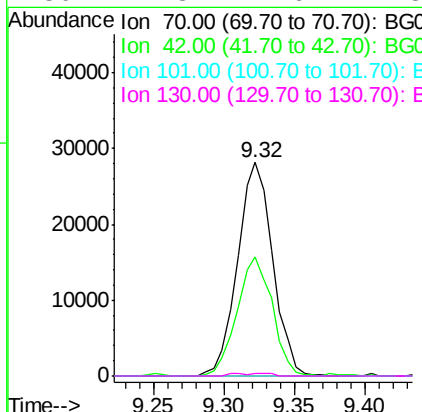
Ion Ratio Lower Upper

70 100

42 55.9 57.1 85.7#

101 0.0 7.8 11.8#

130 1.3 14.6 21.8#

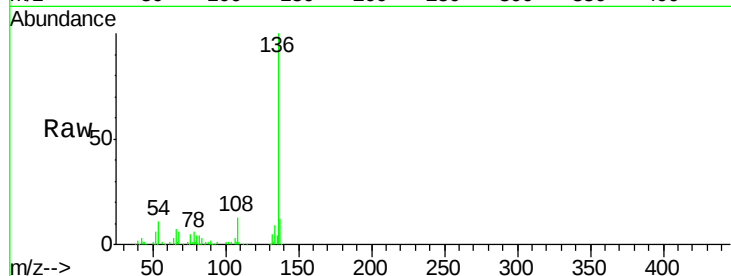




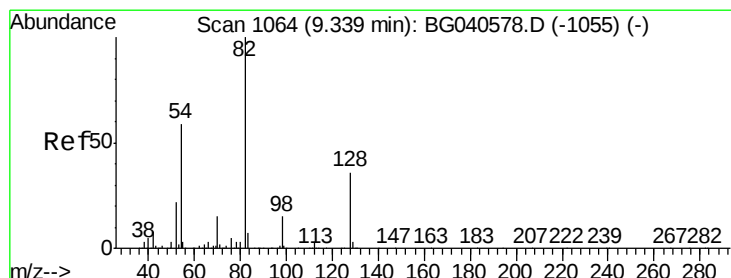
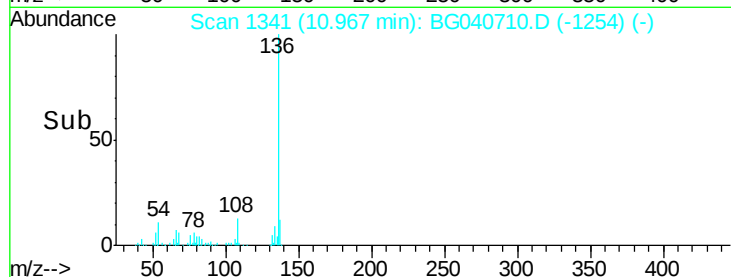
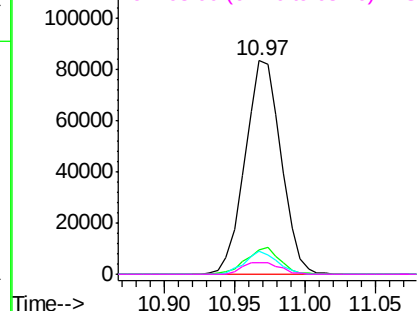
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tot Ion:136	Resp:	149628	
Ion Ratio	Lower	Upper	
136 100			
137 11.6	9.7	14.5	
54 10.8	8.6	12.8	
68 5.6	4.8	7.2	

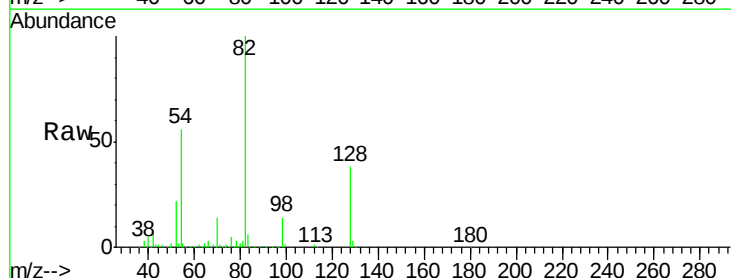


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

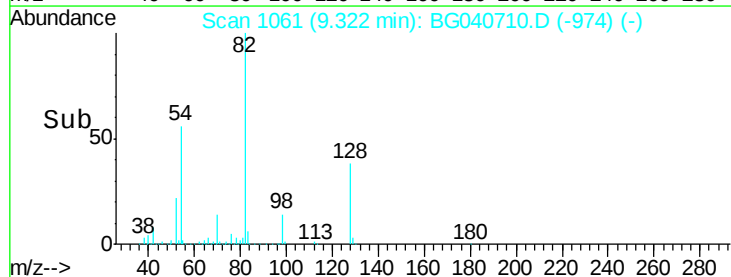
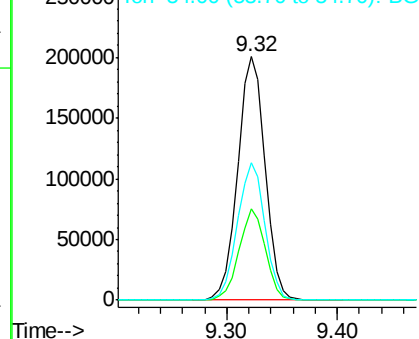


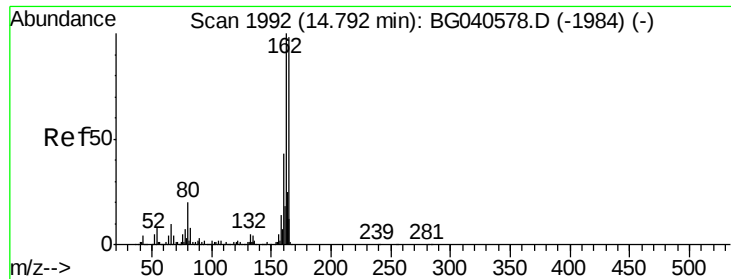
#23
Nitrobenzene-d5
Concen: 107.901 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion: 82	Resp: 349411
Ion Ratio	Lower Upper
82 100	
128 37.5	28.9 43.3
54 56.4	47.2 70.8



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

Instrument :

BNA_G

ClientSampleId :

PB119403BL

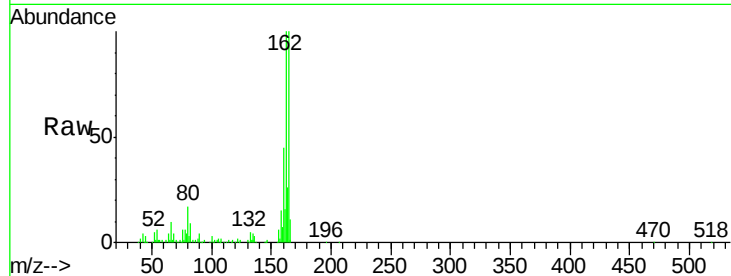
Tot Ion:164 Resp: 109916

Ion Ratio Lower Upper

164 100

162 100.2 81.9 122.9

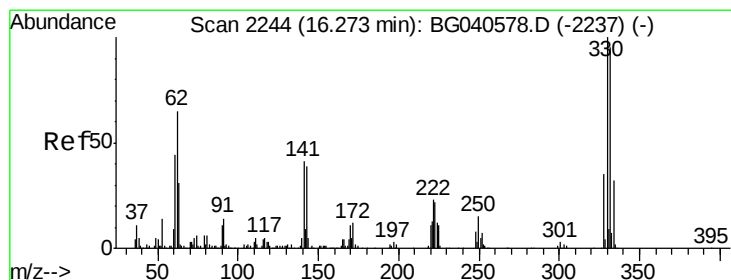
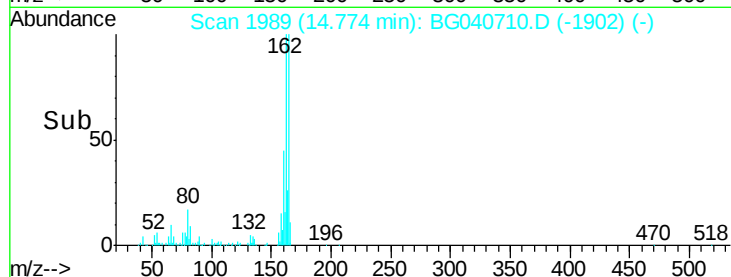
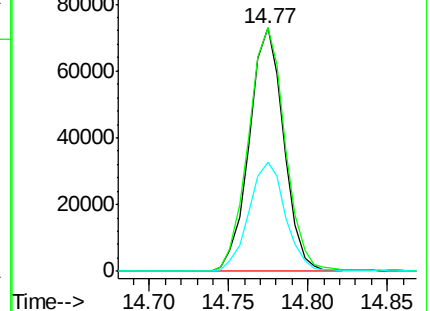
160 44.9 35.4 53.2



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: 178.657 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

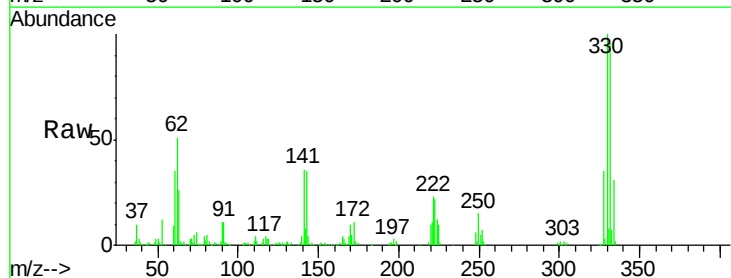
Tgt Ion:330 Resp: 269918

Ion Ratio Lower Upper

330 100

332 97.6 75.9 113.9

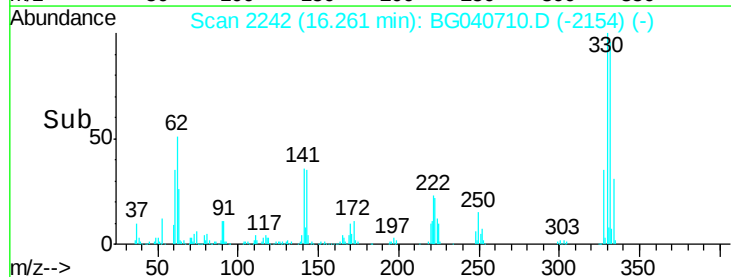
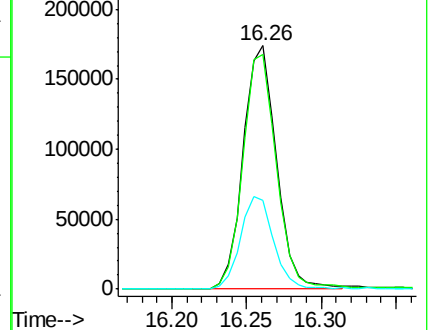
141 38.1 32.4 48.6



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

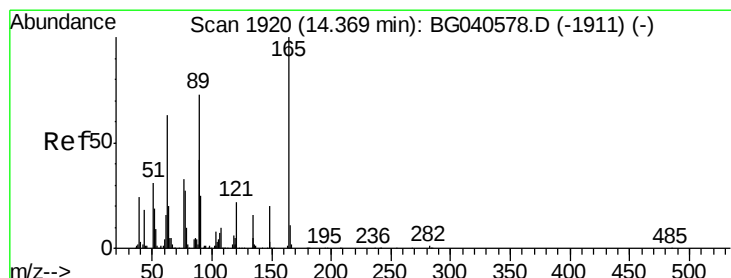
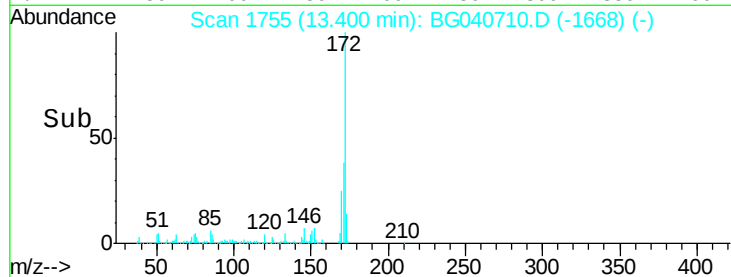
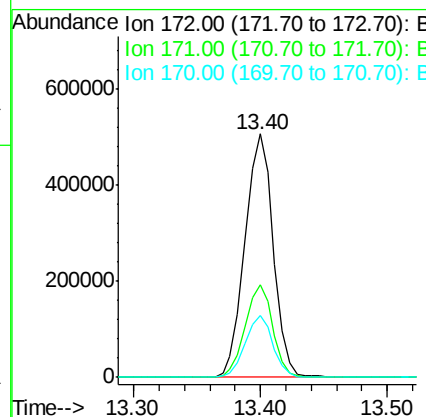
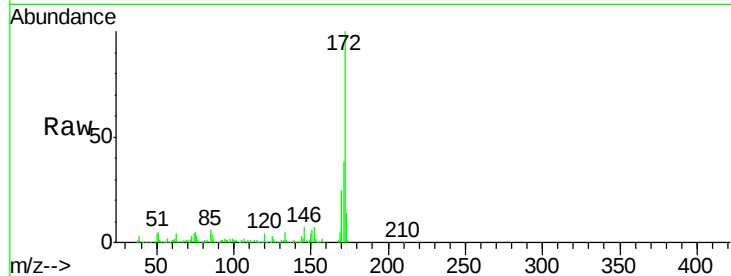




#45
2-Fluorobiphenyl
Concen: 102.964 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.02 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

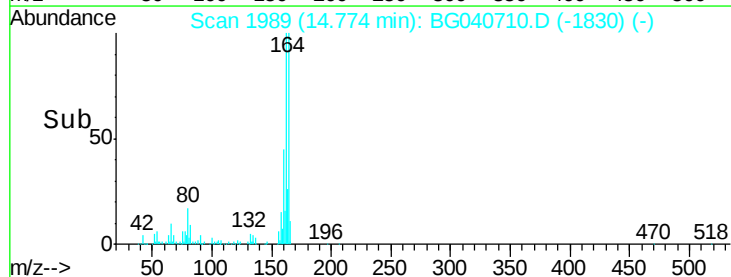
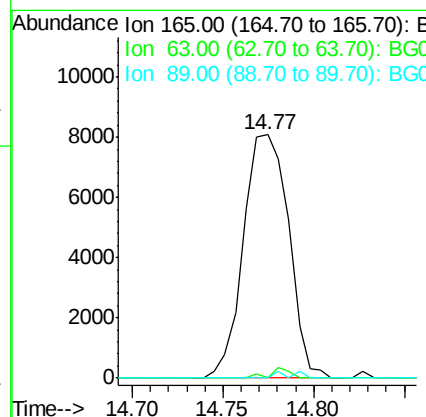
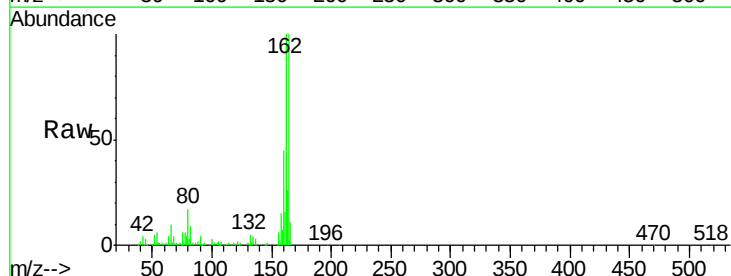
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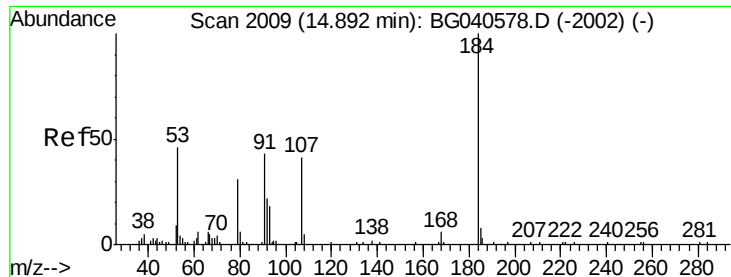
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.4	44.2
170	25.4	19.9	29.9



#51
2,6-Dinitrotoluene
Concen: 7.808 ng
RT: 14.77 min Scan# 1989
Delta R.T. 0.41 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	61.0	91.4#
89	0.0	58.6	87.8#

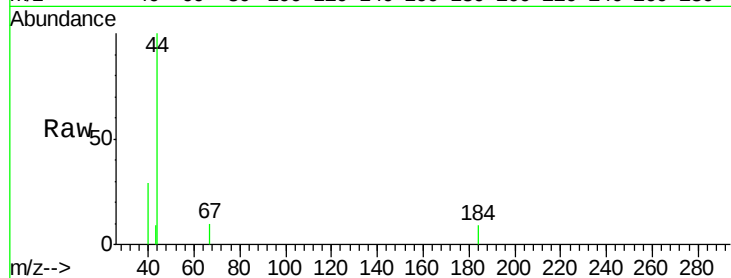




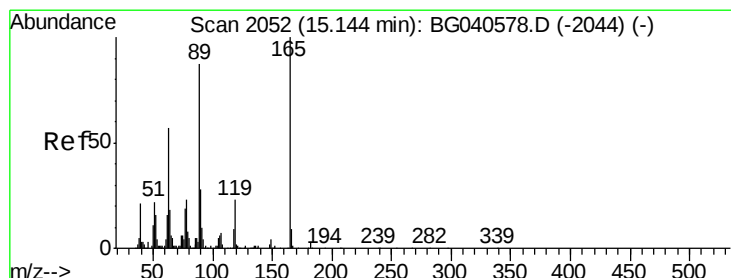
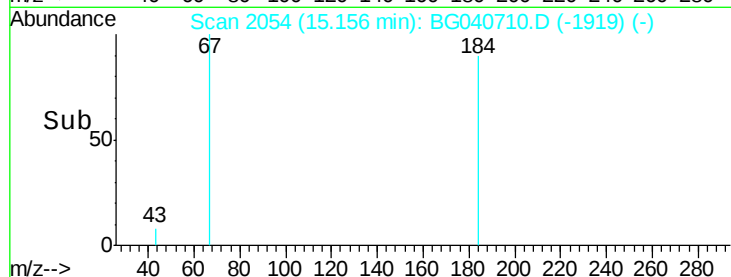
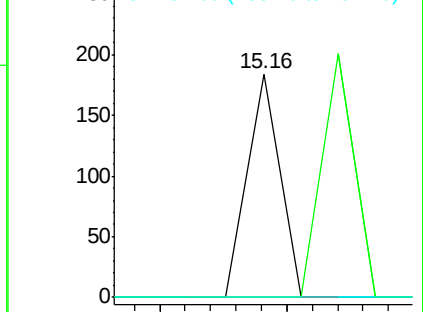
#54
2,4-Dinitrophenol
Concen: 7.073 ng
RT: 15.16 min Scan# 2054
Delta R.T. 0.27 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Instrument :
BNA_G
ClientSampleId :
PB119403BL

Tot Ion:184 Resp: 65
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

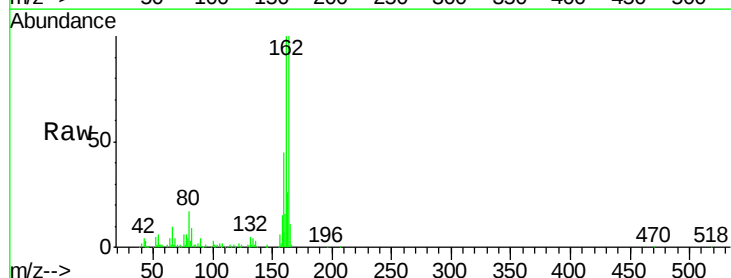


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

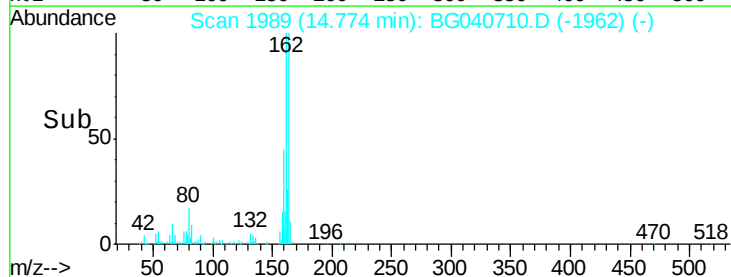
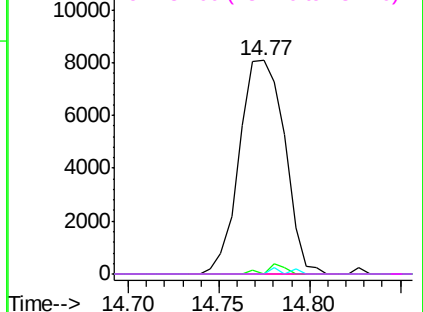


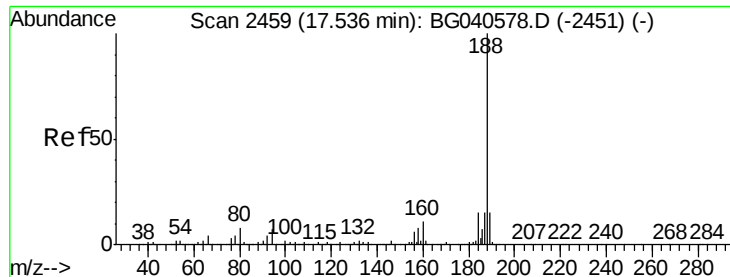
#57
2,4-Dinitrotoluene
Concen: 5.746 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040710.D
Acq: 2 May 2019 17:06

Tgt Ion:165 Resp: 14015
Ion Ratio Lower Upper
165 100
63 0.0 45.8 68.8#
89 0.0 69.4 104.2#
182 0.0 2.2 3.4#



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: 17.52 min Scan# 2456

Delta R.T. -0.02 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

Instrument :

BNA_G

ClientSampleId :

PB119403BL

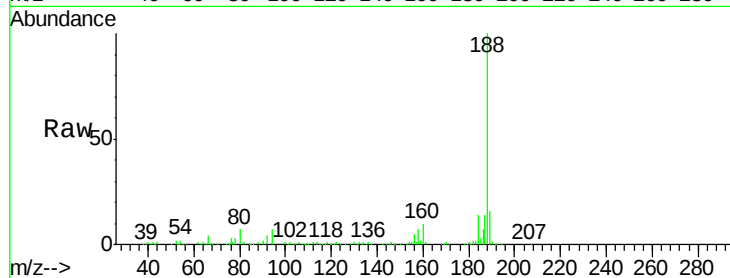
Tot Ion:188 Resp: 319503

Ion Ratio Lower Upper

188 100

94 6.6 5.6 8.4

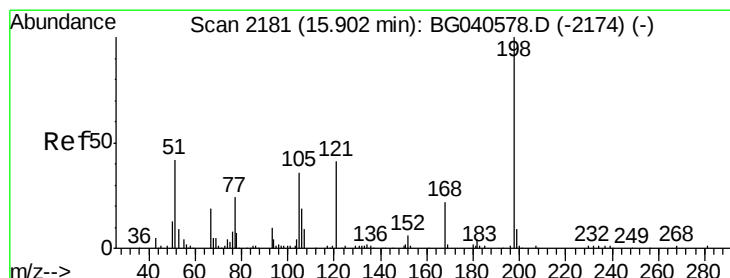
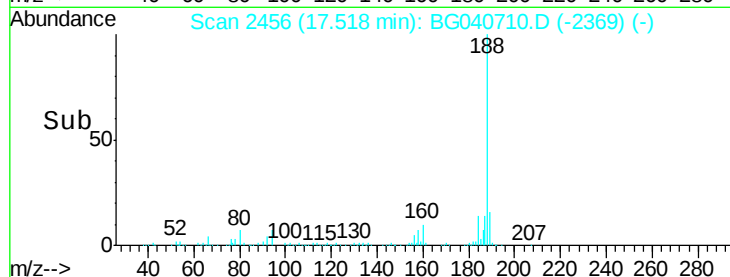
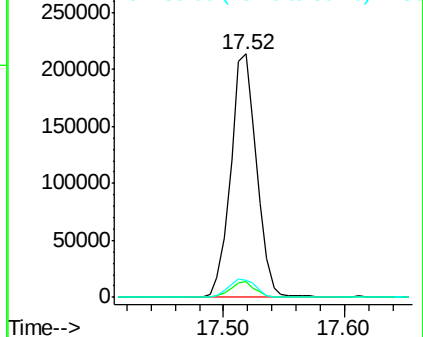
80 7.1 6.4 9.6



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: 7.134 ng

RT: 15.93 min Scan# 2186

Delta R.T. 0.03 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

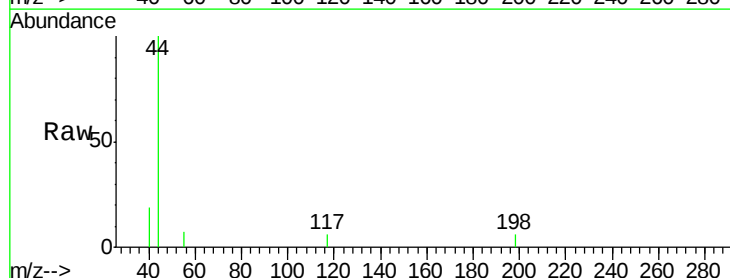
Tgt Ion:198 Resp: 60

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

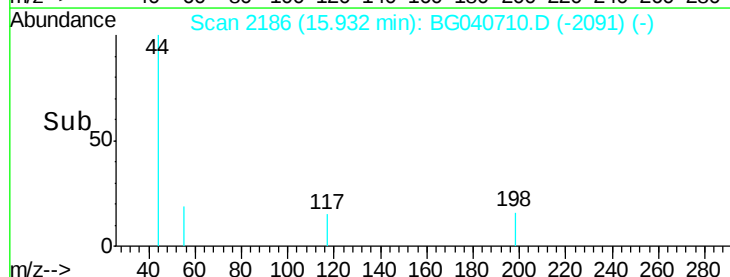
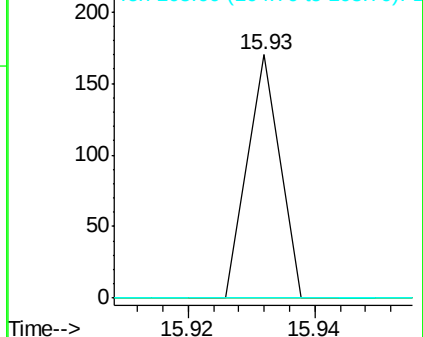
105 0.0 21.2 61.2#

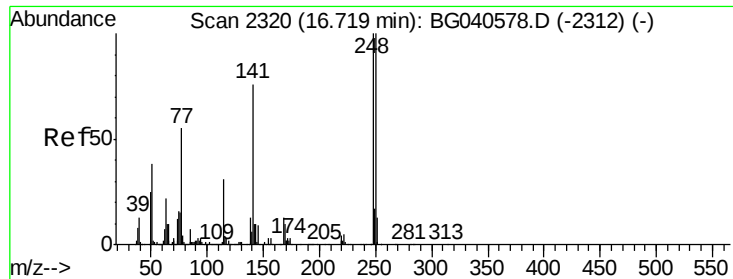


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

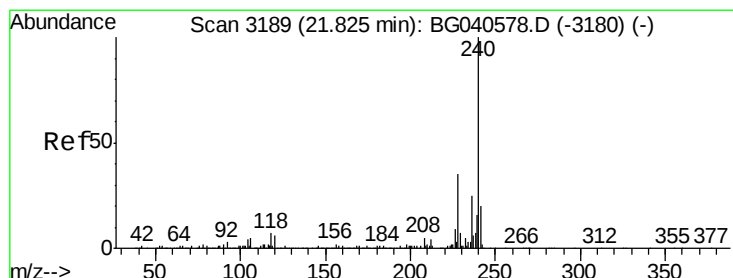
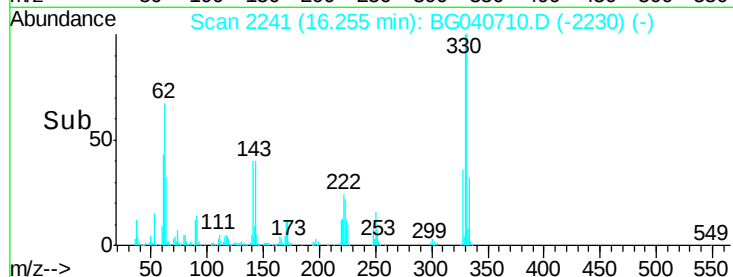
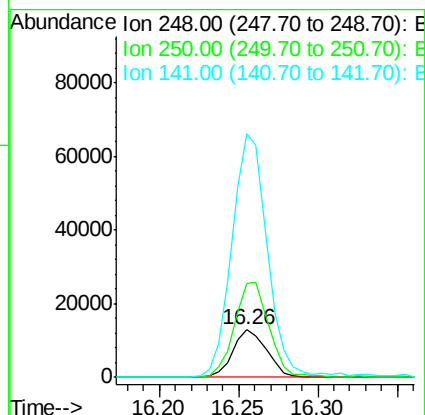
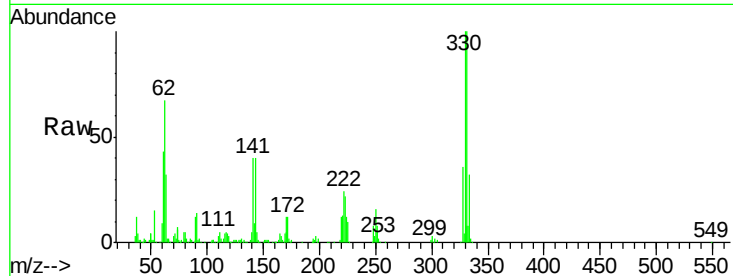




#67
 4-Bromophenyl-phenylether
 Concen: 4.861 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040710.D
 Acq: 2 May 2019 17:06

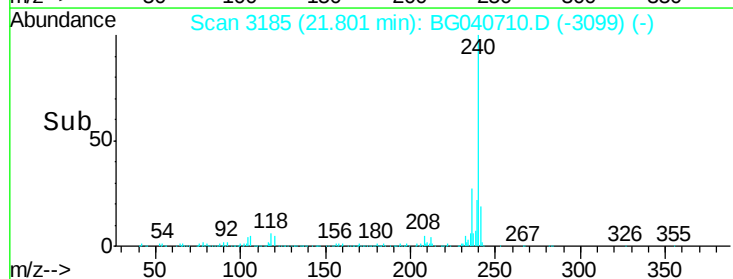
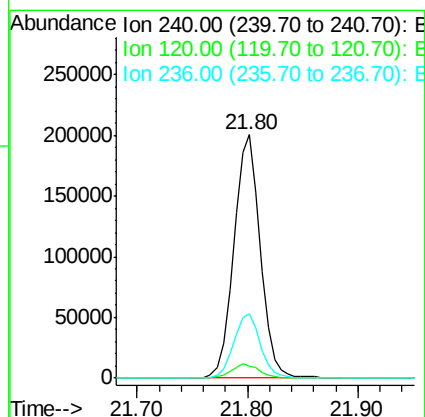
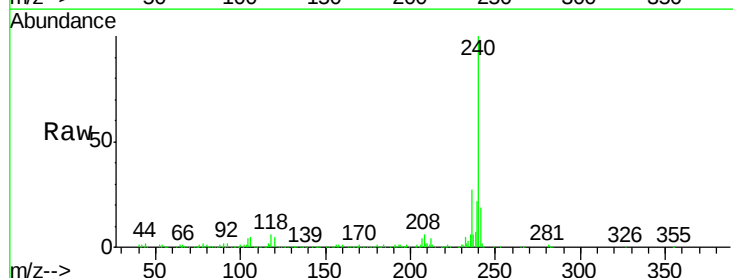
Instrument :
 BNA_G
 ClientSampleId :
 PB119403BL

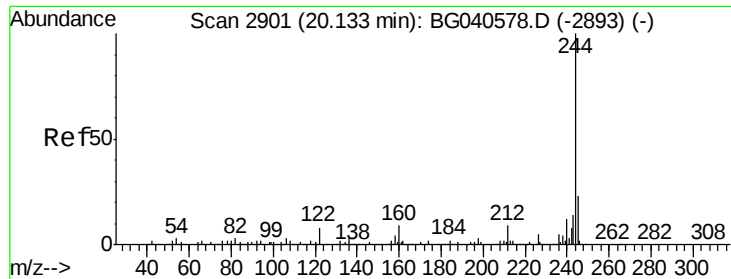
Tot Ion:248 Resp: 19349
 Ion Ratio Lower Upper
 248 100
 250 197.9 79.8 119.6#
 141 513.7 60.8 91.2#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.02 min
 Lab File: BG040710.D
 Acq: 2 May 2019 17:06

Tgt Ion:240 Resp: 334823
 Ion Ratio Lower Upper
 240 100
 120 4.9 5.0 7.6#
 236 26.7 20.3 30.5





#79

Terphenyl-d14

Concen: 110.092 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

Instrument :

BNA_G

ClientSampleId :

PB119403BL

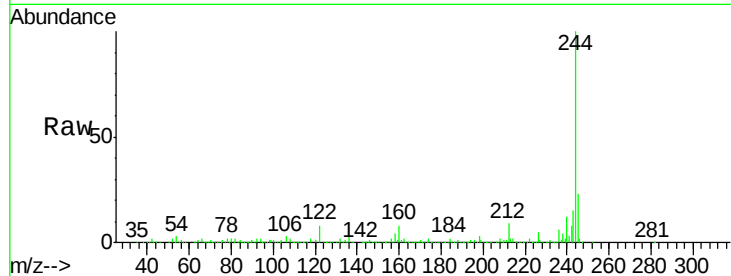
Tot Ion:244 Resp: 1663851

Ion Ratio Lower Upper

244 100

212 9.1 7.2 10.8

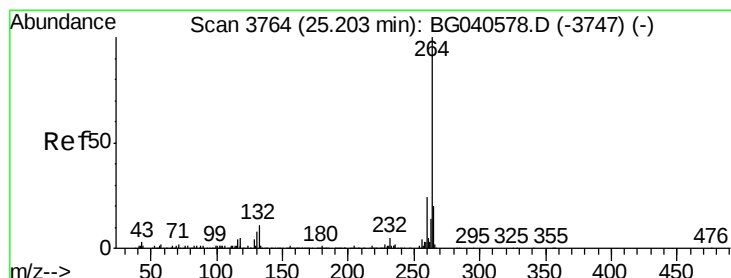
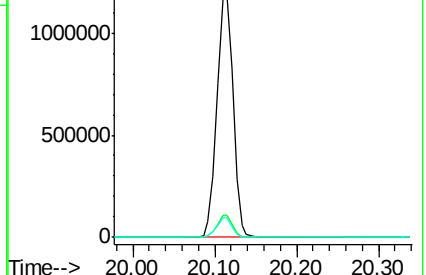
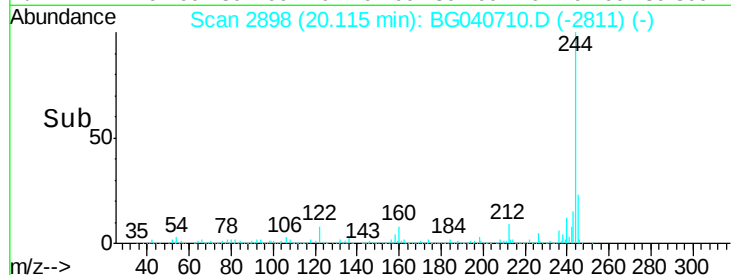
122 7.9 6.6 10.0



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: 25.16 min Scan# 3756

Delta R.T. -0.05 min

Lab File: BG040710.D

Acq: 2 May 2019 17:06

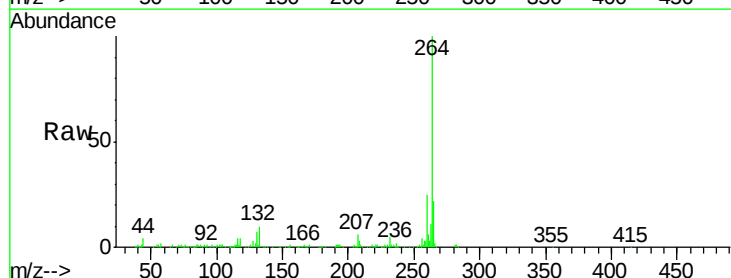
Tgt Ion:264 Resp: 341391

Ion Ratio Lower Upper

264 100

260 24.8 19.2 28.8

265 21.7 16.6 25.0



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

