

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050319\
 Data File : BG040727.D
 Acq On : 3 May 2019 16:36
 Operator : JU/SJ
 Sample : PB119443BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119443BL

Quant Time: May 03 23:17:12 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

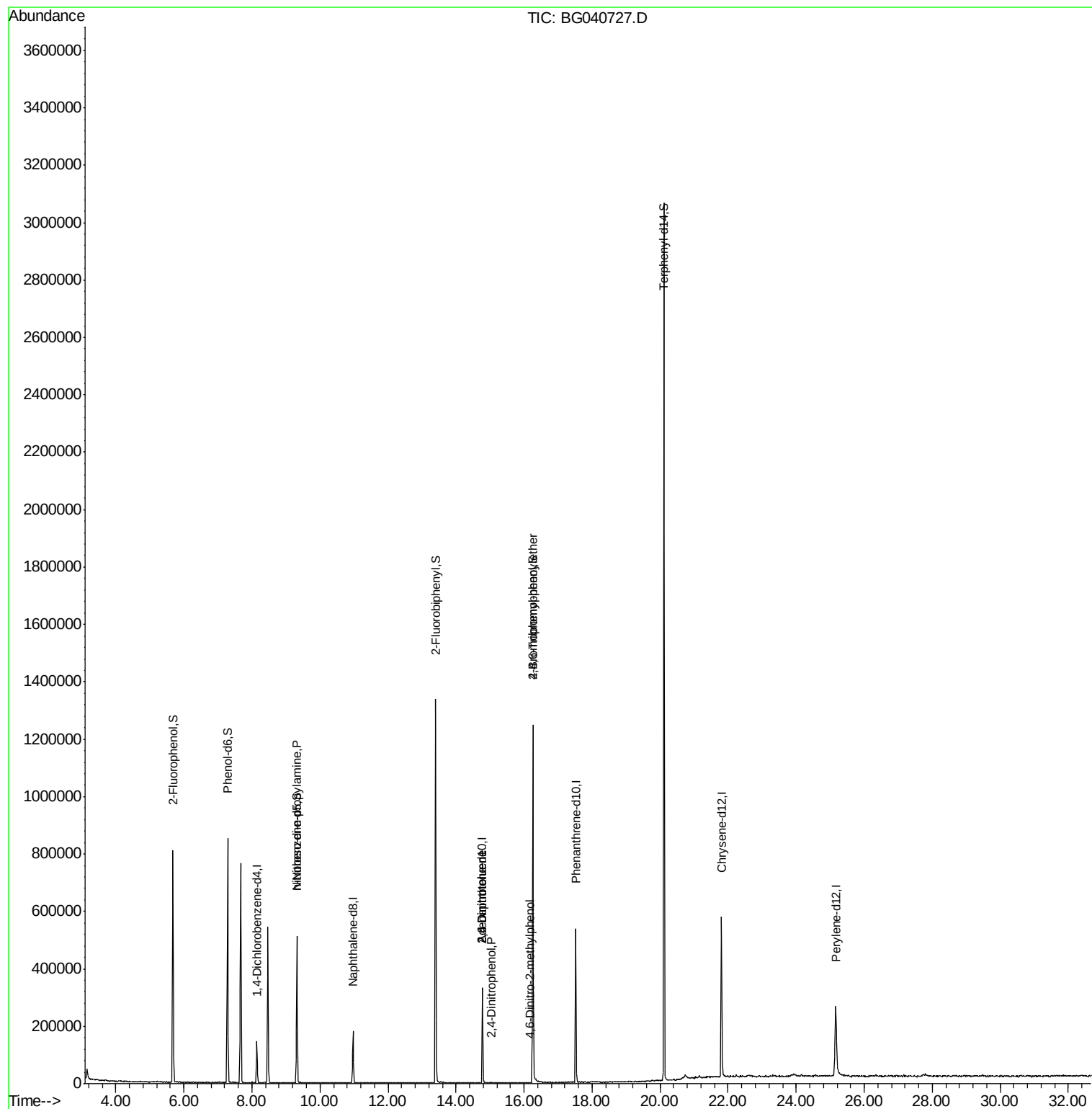
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	35833	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	143406	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	107354	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	320968	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	338299	20.00	ng	-0.02
87) Perylene-d12	25.16	264	321694	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	287513	141.44	ng	-0.01
7) Phenol-d6	7.28	99	419454	134.02	ng	-0.01
23) Nitrobenzene-d5	9.32	82	293104	94.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	237370	160.86	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	662584	89.14	ng	-0.02
79) Terphenyl-d14	20.12	244	1481305	97.01	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.28	77	775	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	43374	15.395	ng	# 68
51) 2,6-Dinitrotoluene	14.77	165	14628	8.344	ng	# 12
54) 2,4-Dinitrophenol	15.04	184	66	7.076	ng	# 21
57) 2,4-Dinitrotoluene	14.77	165	14628	6.141	ng	# 14
65) 4,6-Dinitro-2-methylphenol	16.18	198	53	7.130	ng	# 28
67) 4-Bromophenyl-phenylether	16.26	248	16527	4.133	ng	# 1

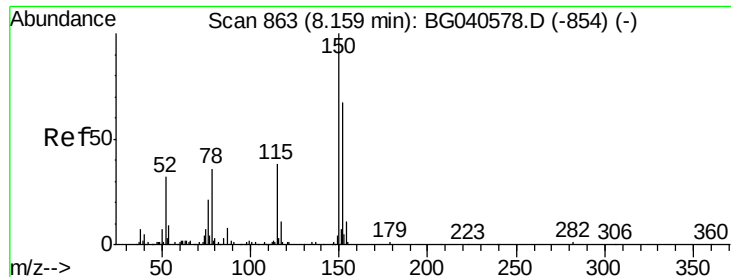
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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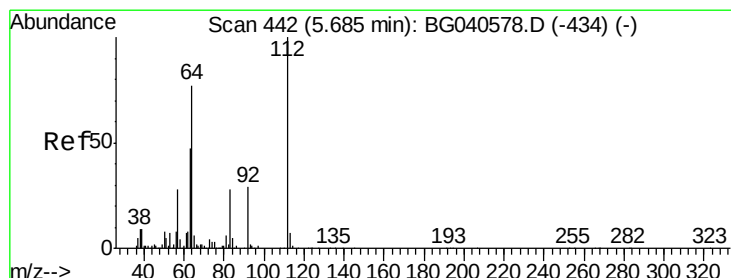
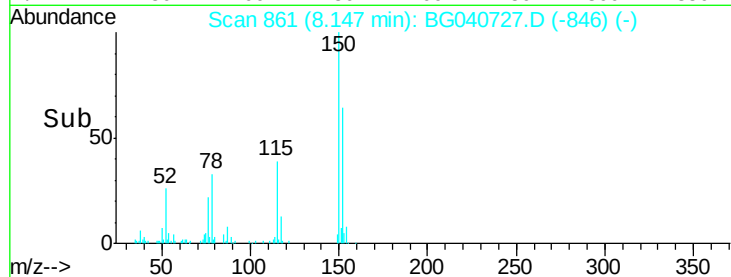
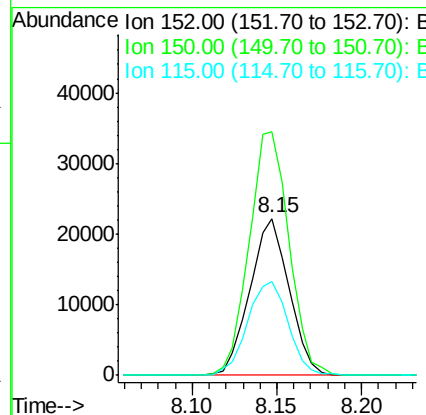
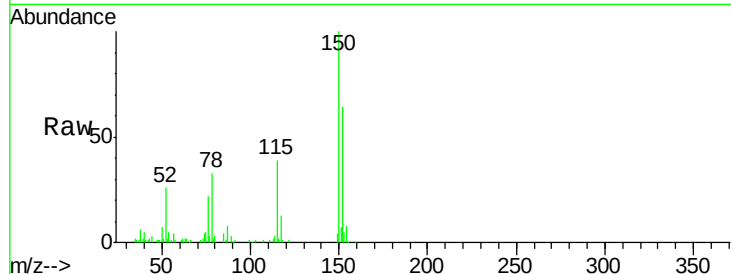


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 861
Delta R.T. -0.01 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Instrument :
BNA_G
ClientSampleId :
PB119443BL

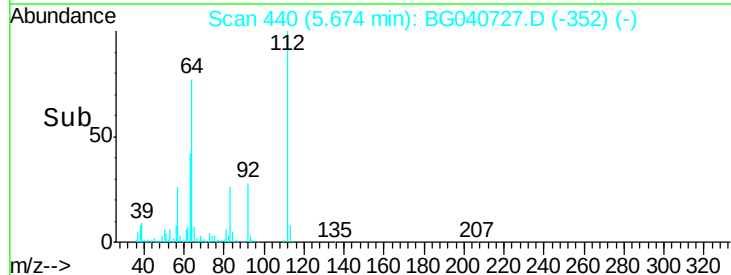
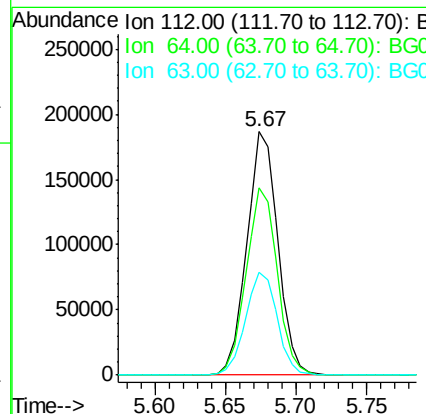
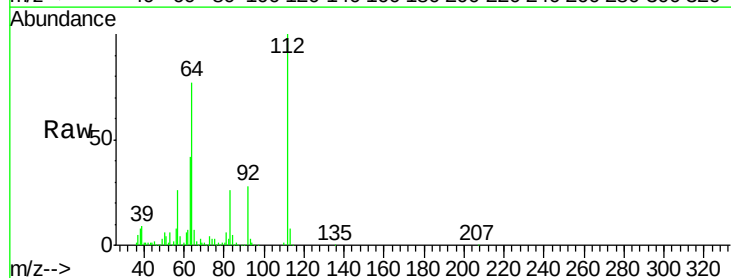
Tot Ion:152 Resp: 35833
Ion Ratio Lower Upper
152 100
150 155.1 120.2 180.2
115 60.0 46.2 69.2

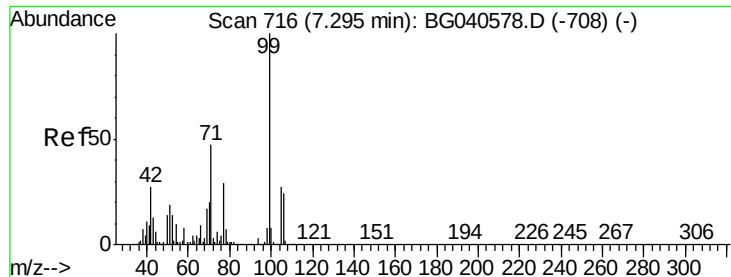


#5

2-Fluorophenol
Concen: 141.439 ng
RT: 5.67 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Tgt Ion:112 Resp: 287513
Ion Ratio Lower Upper
112 100
64 76.8 61.4 92.0
63 42.3 37.8 56.6





#7

Phenol-d6

Concen: 134.015 ng

RT: 7.28 min Scan# 714

Delta R.T. -0.01 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

BNA_G

ClientSampleId :

PB119443BL

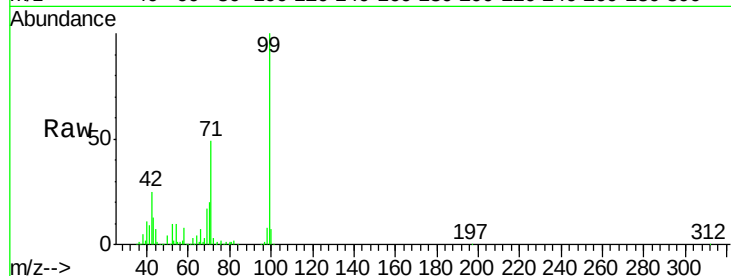
Tot Ion: 99 Resp: 419454

Ion Ratio Lower Upper

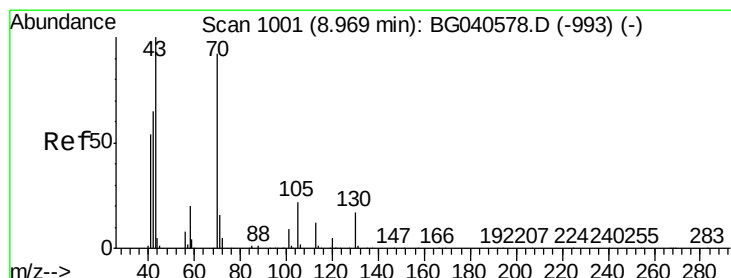
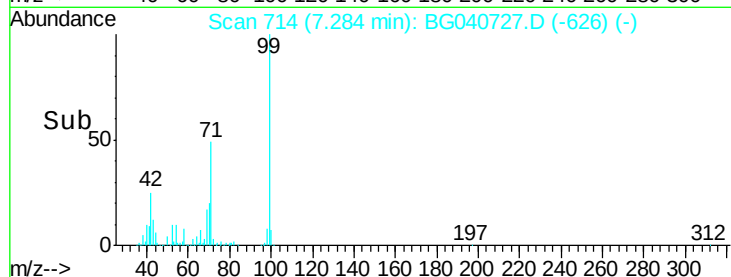
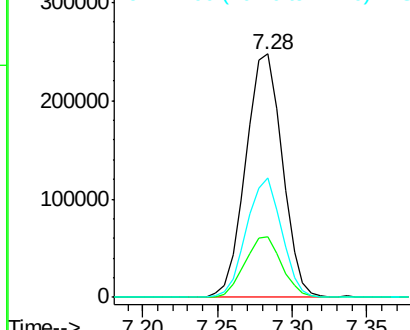
99 100

42 24.7 21.8 32.8

71 48.9 38.6 57.8



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: 15.395 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Tgt Ion: 70 Resp: 43374

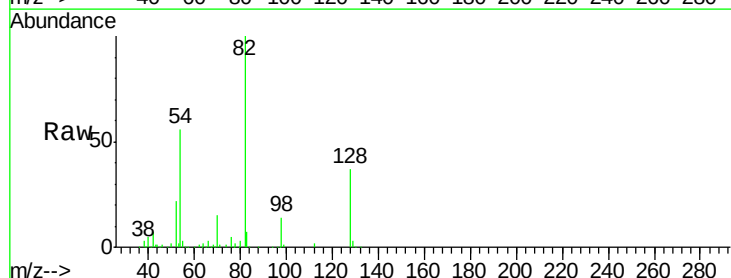
Ion Ratio Lower Upper

70 100

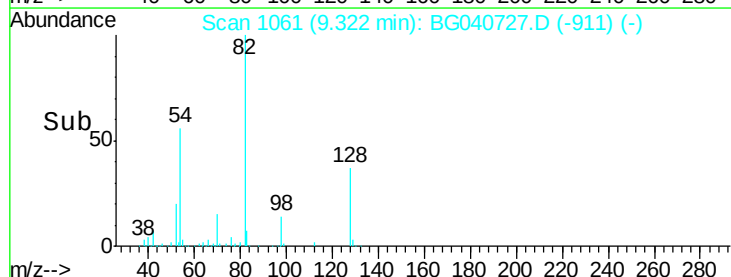
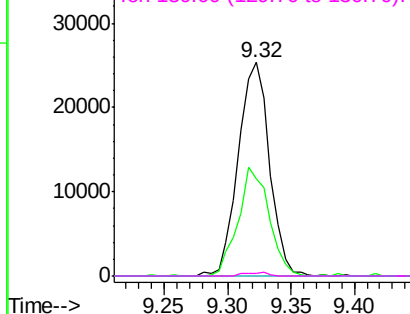
42 45.7 57.1 85.7#

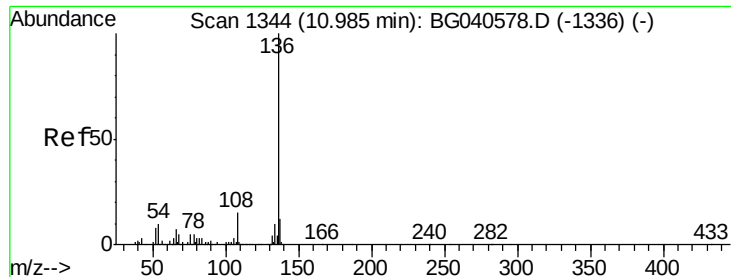
101 0.0 7.8 11.8#

130 1.0 14.6 21.8#



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

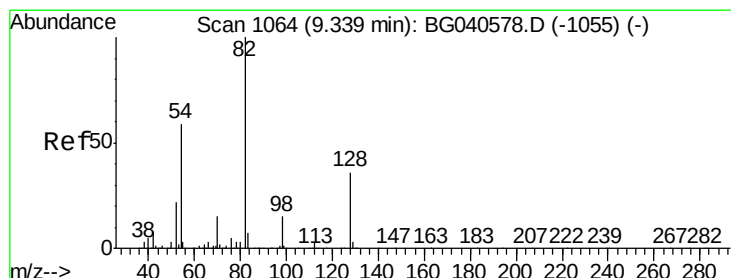
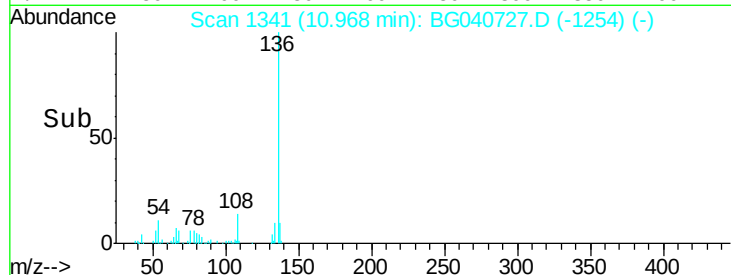
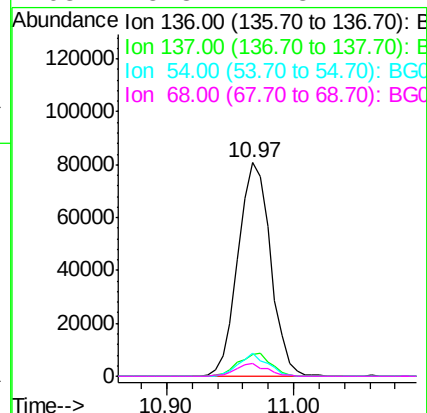
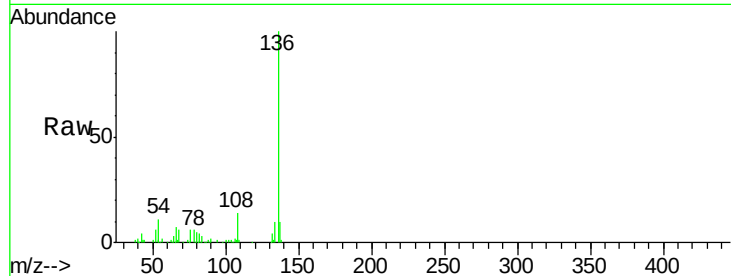




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

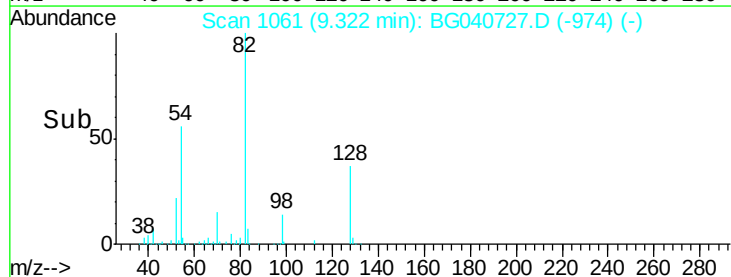
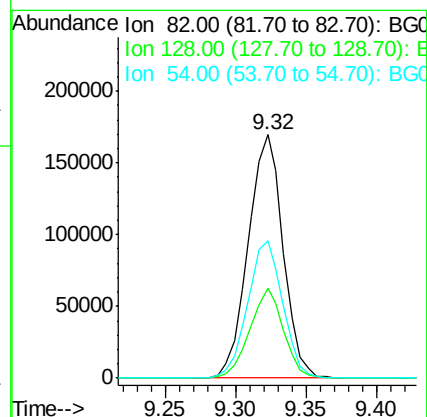
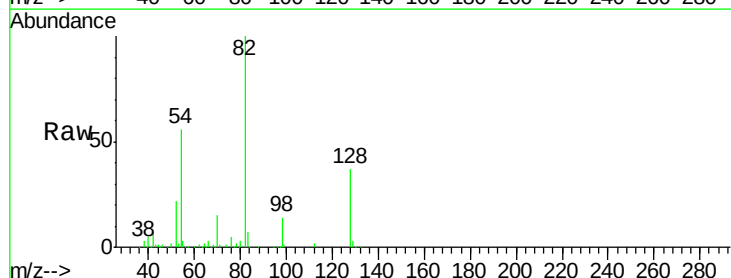
Instrument :
BNA_G
ClientSampleId :
PB119443BL

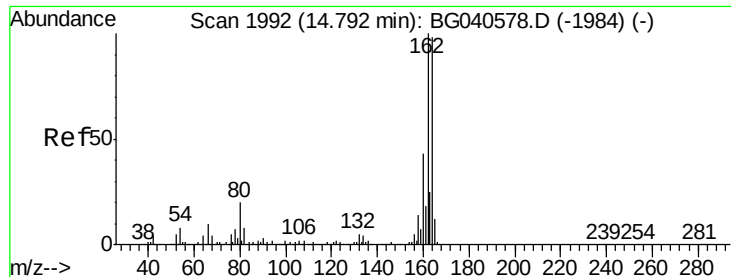
Tot Ion:136	Resp:	143406
Ion	Ratio	Lower Upper
136	100	
137	10.1	9.7 14.5
54	10.9	8.6 12.8
68	5.8	4.8 7.2



#23
Nitrobenzene-d5
Concen: 94.440 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Tgt Ion: 82	Resp:	293104
Ion	Ratio	Lower Upper
82	100	
128	37.1	28.9 43.3
54	56.2	47.2 70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

BNA_G

ClientSampleId :

PB119443BL

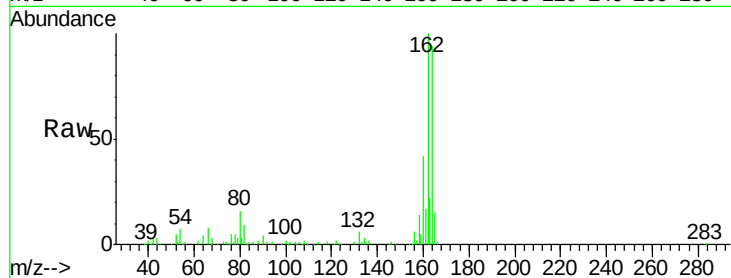
Tot Ion:164 Resp: 107354

Ion Ratio Lower Upper

164 100

162 106.5 81.9 122.9

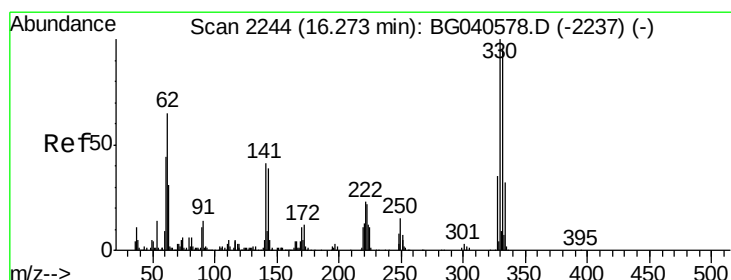
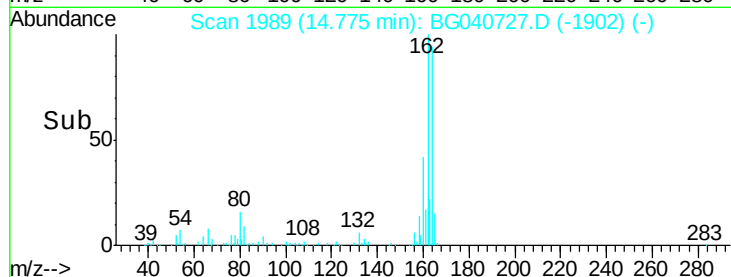
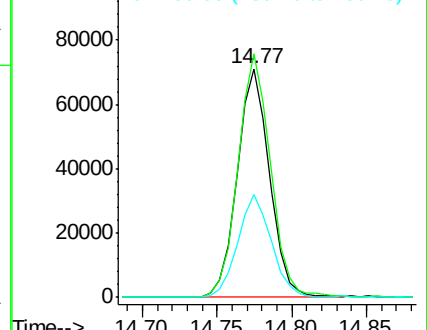
160 44.9 35.4 53.2



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: 160.863 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.01 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

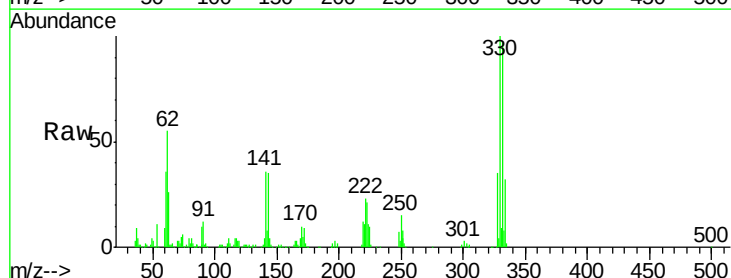
Tgt Ion:330 Resp: 237370

Ion Ratio Lower Upper

330 100

332 97.6 75.9 113.9

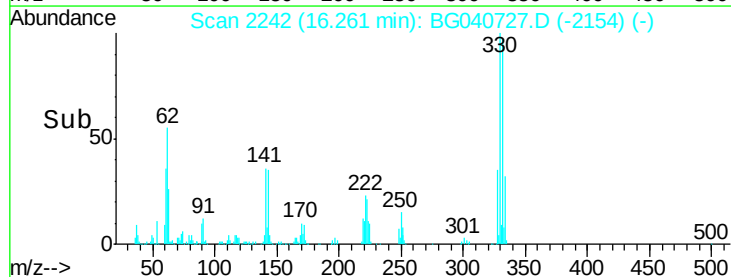
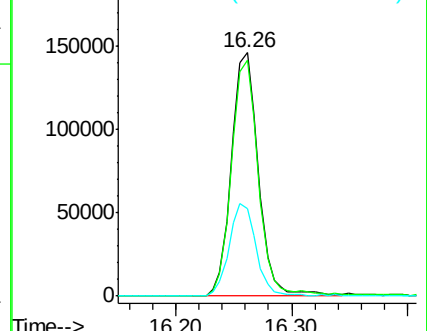
141 37.9 32.4 48.6

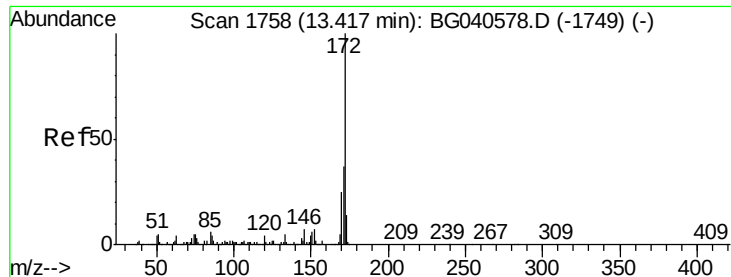


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

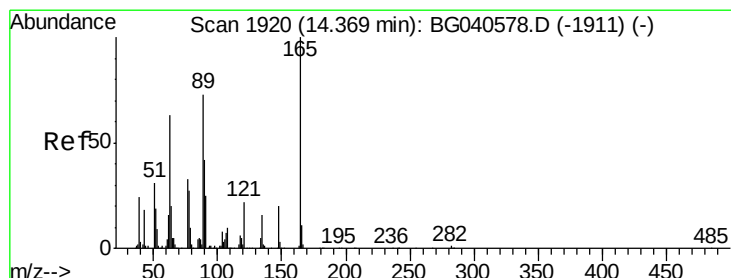
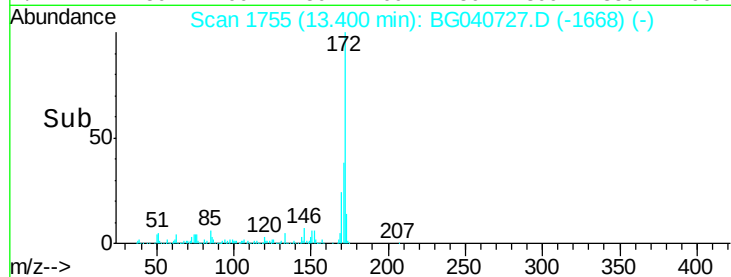
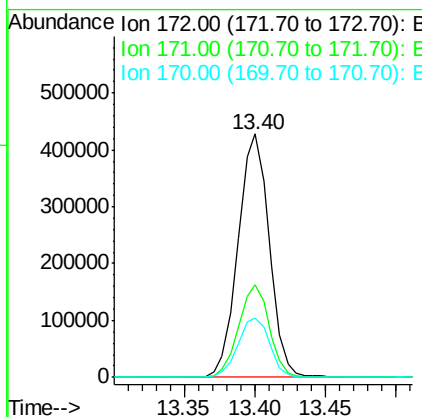
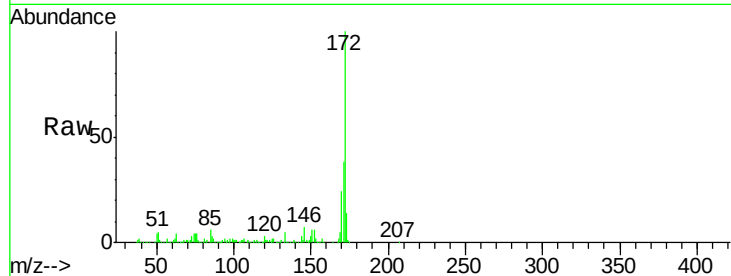




#45
 2-Fluorobiphenyl
 Concen: 89.135 ng
 RT: 13.40 min Scan# 1755
 Delta R.T. -0.02 min
 Lab File: BG040727.D
 Acq: 3 May 2019 16:36

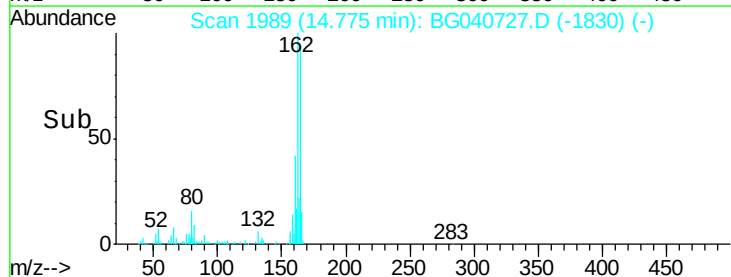
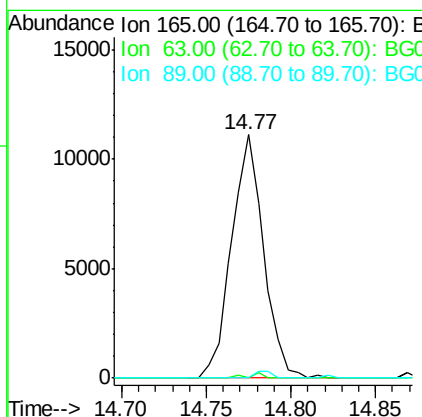
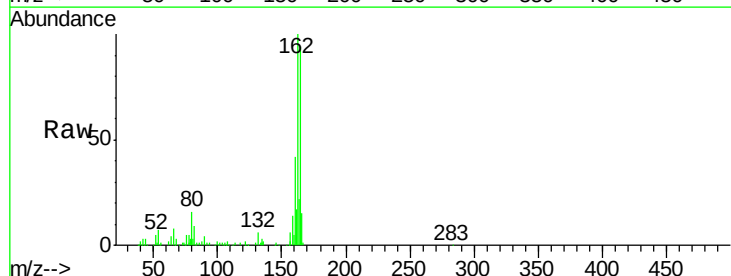
Instrument :
 BNA_G
 ClientSampleId :
 PB119443BL

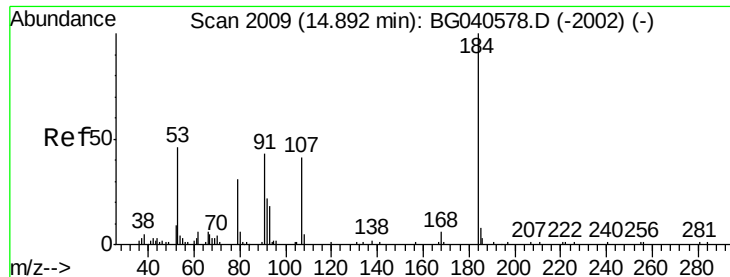
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.4	44.2
170	24.4	19.9	29.9



#51
 2,6-Dinitrotoluene
 Concen: 8.344 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. 0.41 min
 Lab File: BG040727.D
 Acq: 3 May 2019 16:36

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

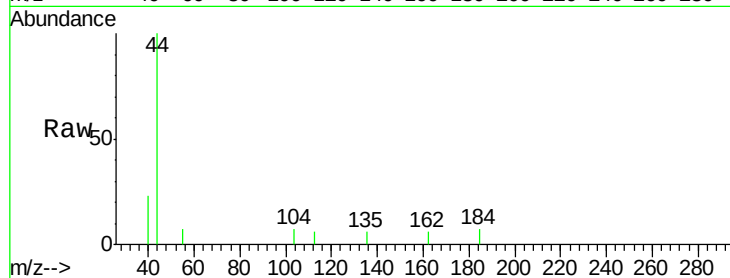




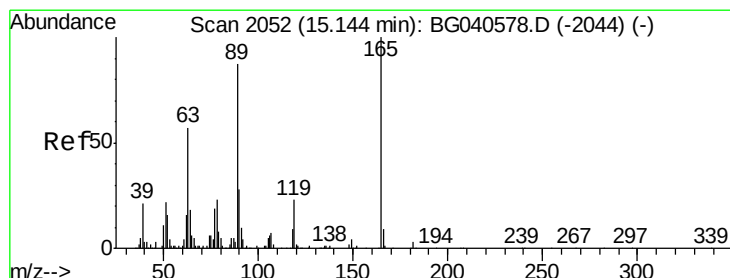
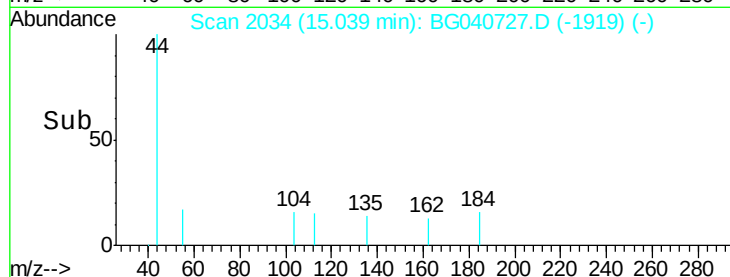
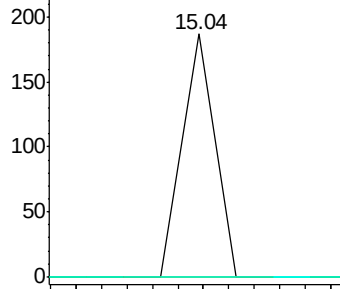
#54
2,4-Dinitrophenol
Concen: 7.076 ng
RT: 15.04 min Scan# 2034
Delta R.T. 0.15 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Instrument :
BNA_G
ClientSampleId :
PB119443BL

Tot Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

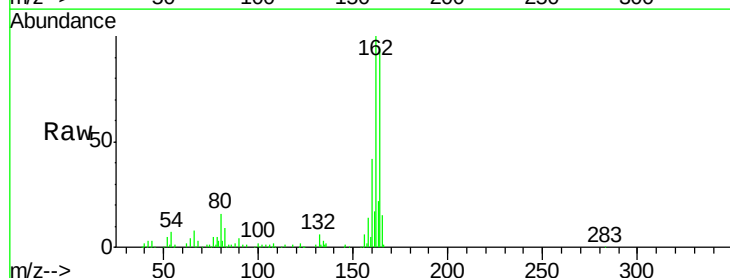


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

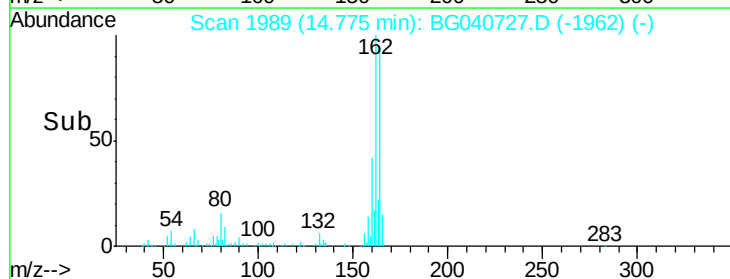
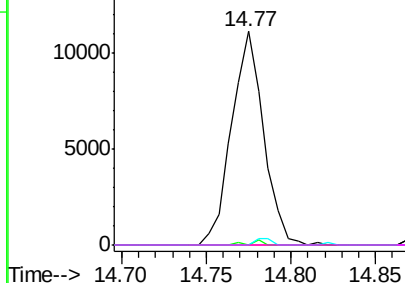


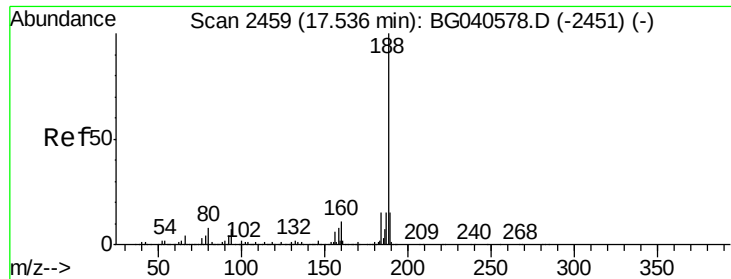
#57
2,4-Dinitrotoluene
Concen: 6.141 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.37 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Tgt Ion:165 Resp: 14628
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: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

BNA_G

ClientSampleId :

PB119443BL

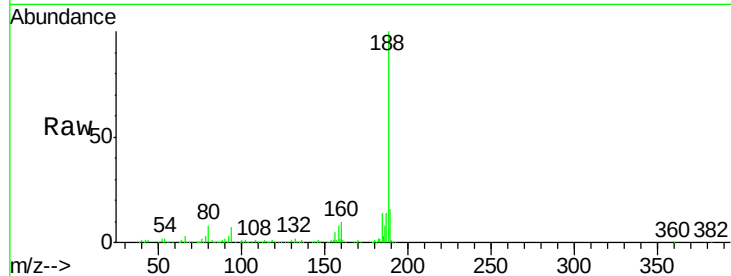
Tot Ion:188 Resp: 320968

Ion Ratio Lower Upper

188 100

94 6.7 5.6 8.4

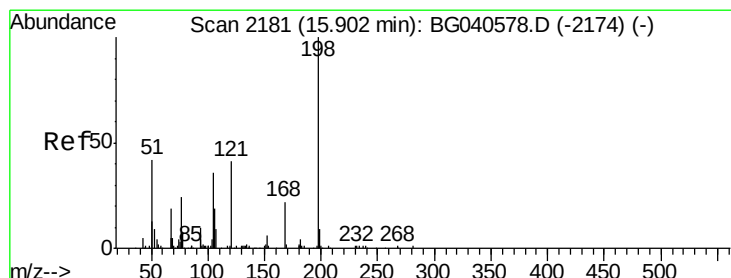
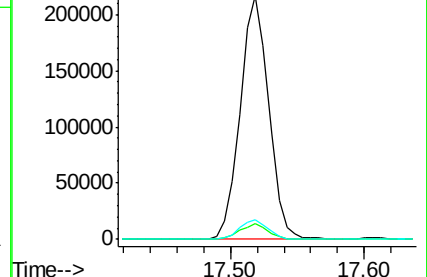
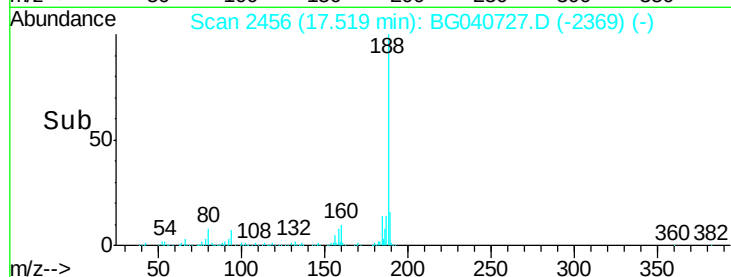
80 8.0 6.4 9.6



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: 7.130 ng

RT: 16.18 min Scan# 2229

Delta R.T. 0.28 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

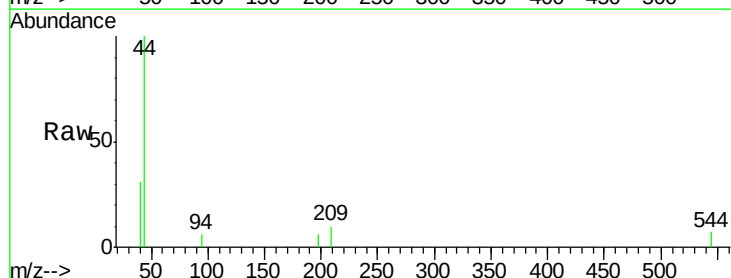
Tgt Ion:198 Resp: 53

Ion Ratio Lower Upper

198 100

51 0.0 35.9 75.9#

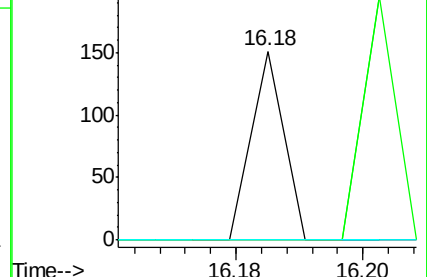
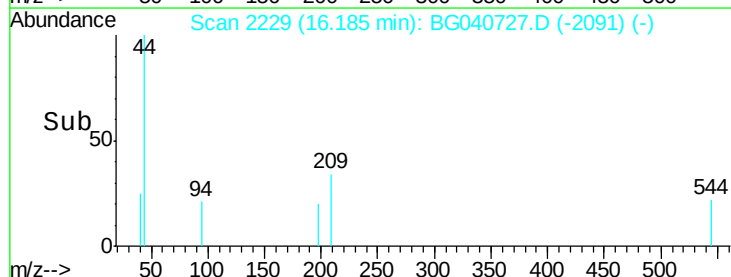
105 0.0 21.2 61.2#

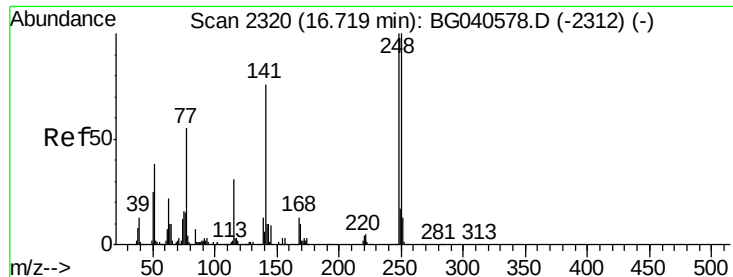


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

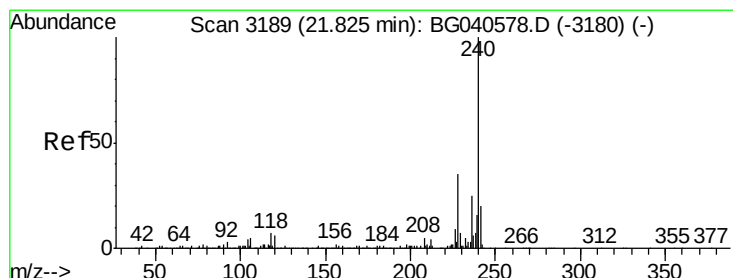
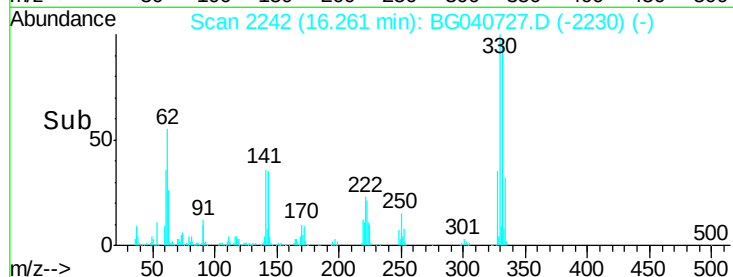
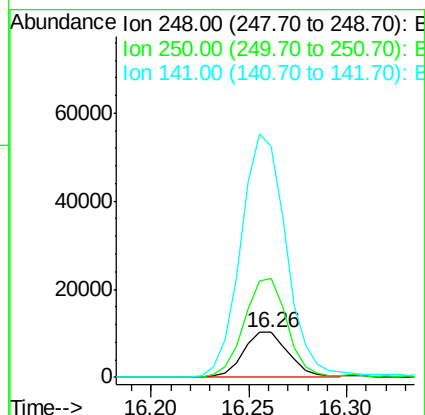
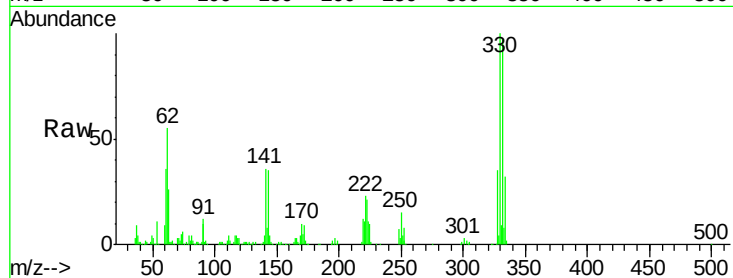




#67
4-Bromophenyl-phenylether
Concen: 4.133 ng
RT: 16.26 min Scan# 2242
Delta R.T. -0.46 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

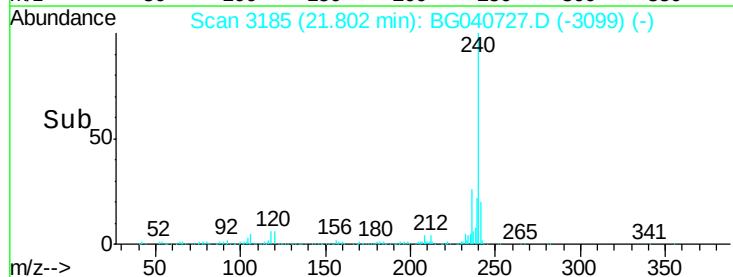
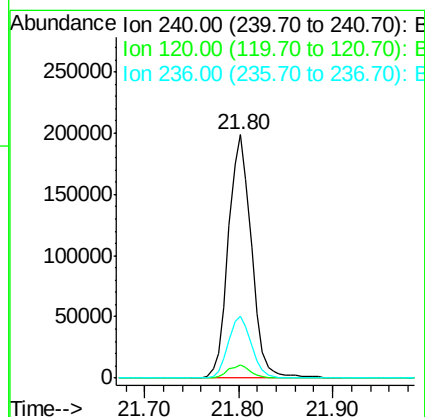
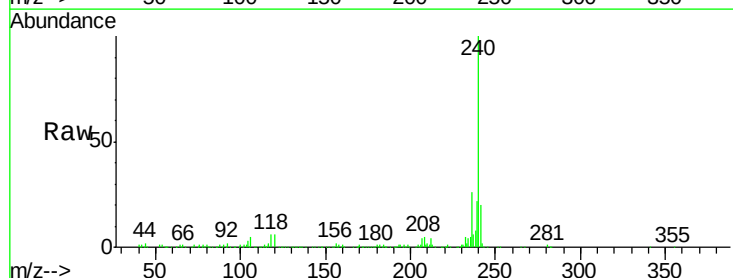
Instrument :
BNA_G
ClientSampleId :
PB119443BL

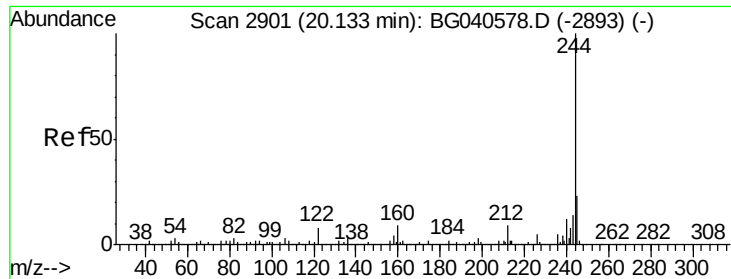
Tot Ion:248 Resp: 16527
Ion Ratio Lower Upper
248 100
250 220.6 79.8 119.6#
141 513.6 60.8 91.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.02 min
Lab File: BG040727.D
Acq: 3 May 2019 16:36

Tgt Ion:240 Resp: 338299
Ion Ratio Lower Upper
240 100
120 5.5 5.0 7.6
236 25.7 20.3 30.5





#79

Terphenyl-d14

Concen: 97.006 ng

RT: 20.12 min Scan# 2898

Delta R.T. -0.02 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

Instrument :

BNA_G

ClientSampleId :

PB119443BL

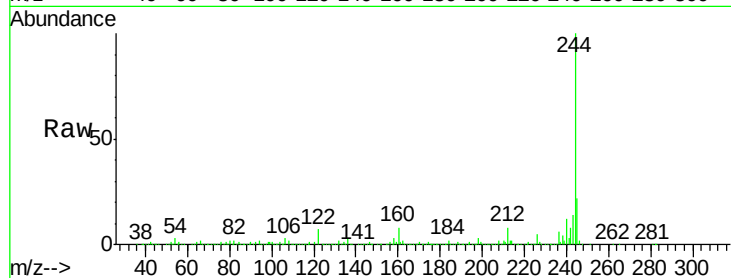
Tot Ion:244 Resp: 1481305

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

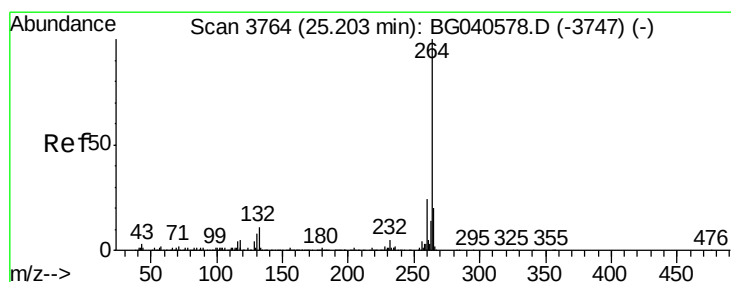
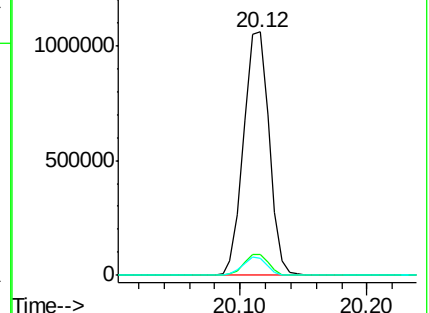
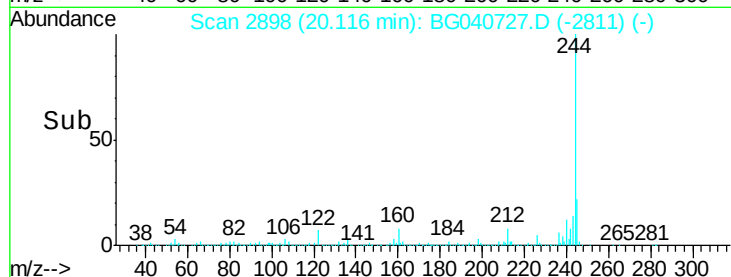
122 7.1 6.6 10.0



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# 3757

Delta R.T. -0.04 min

Lab File: BG040727.D

Acq: 3 May 2019 16:36

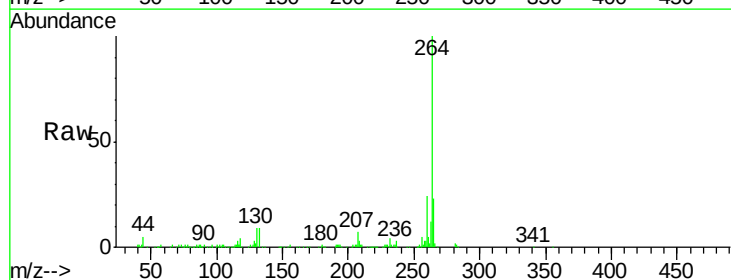
Tgt Ion:264 Resp: 321694

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 23.1 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

