

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
 Data File : BG040722.D
 Acq On : 3 May 2019 00:41
 Operator : JU/SJ
 Sample : PB119404TB
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB119404TB

Quant Time: May 03 04:25:35 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

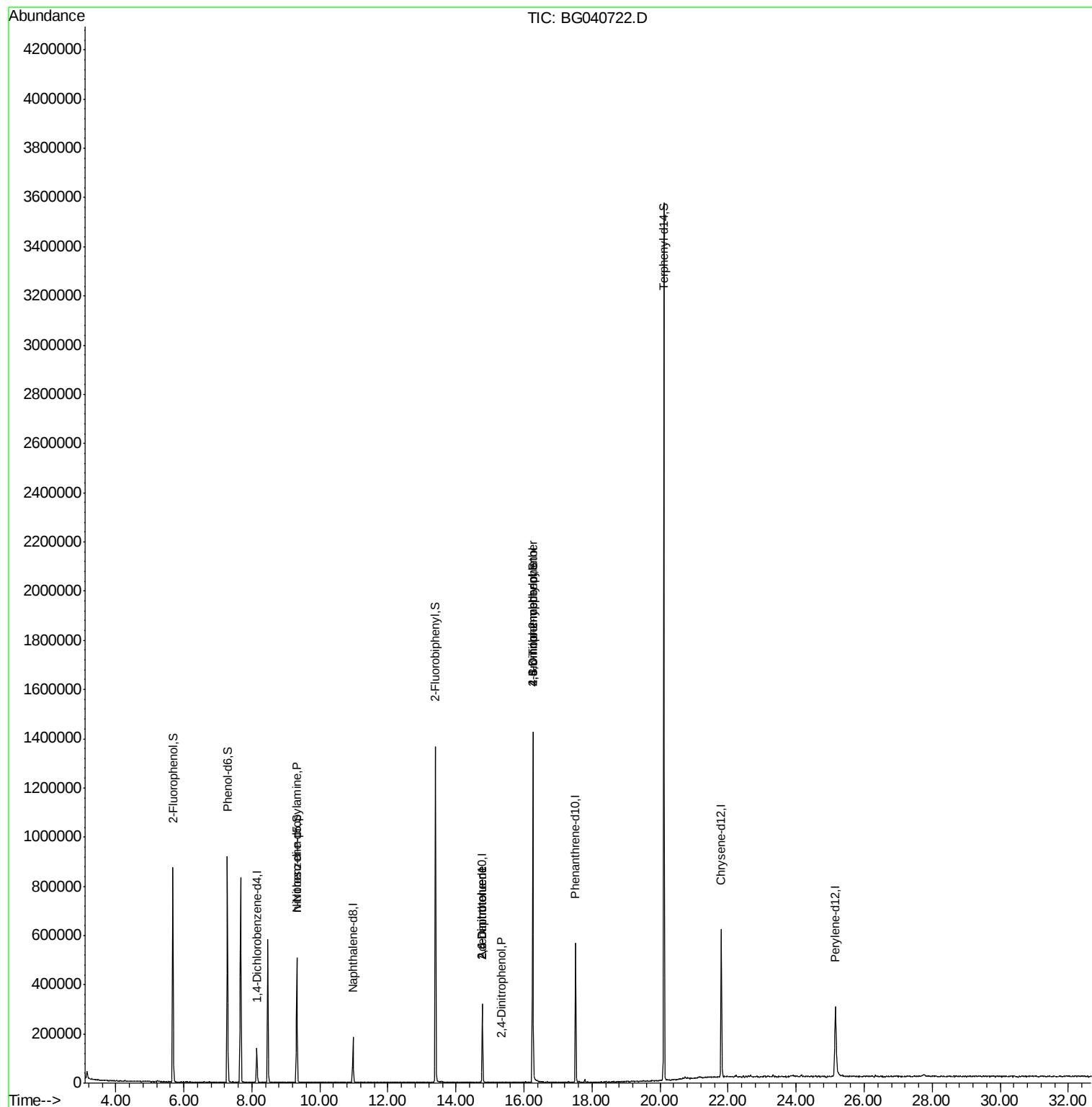
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	36270	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	143082	20.00	ng	-0.01
39) Acenaphthene-d10	14.77	164	111823	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	338082	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	362357	20.00	ng	-0.03
87) Perylene-d12	25.15	264	364328	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	306670	149.05	ng	0.00
7) Phenol-d6	7.28	99	452491	142.83	ng	-0.01
23) Nitrobenzene-d5	9.32	82	302118	97.56	ng	-0.01
42) 2,4,6-Tribromophenol	16.26	330	256854	167.11	ng	-0.01
45) 2-Fluorobiphenyl	13.40	172	678111	87.58	ng	-0.02
79) Terphenyl-d14	20.11	244	1571784	96.10	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.29	77	1355	Below Cal		Qvalue # 6
19) n-Nitroso-di-n-propylamine	9.32	70	44650	15.657 ng	#	75
51) 2,6-Dinitrotoluene	14.77	165	13364	7.319 ng	#	16
54) 2,4-Dinitrophenol	15.33	184	62	7.070 ng	#	21
57) 2,4-Dinitrotoluene	14.77	165	13364	5.386 ng	#	18
65) 4,6-Dinitro-2-methylphenol	16.25	198	940	7.582 ng	#	59
67) 4-Bromophenyl-phenylether	16.26	248	18744	4.450 ng	#	1

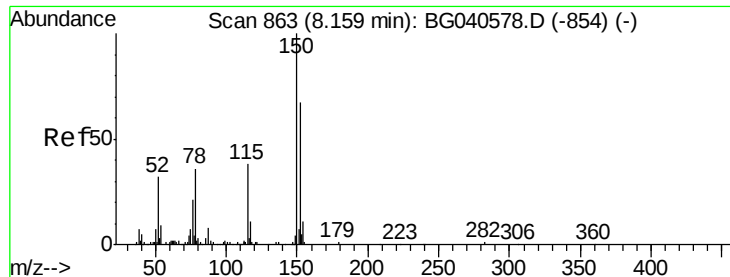
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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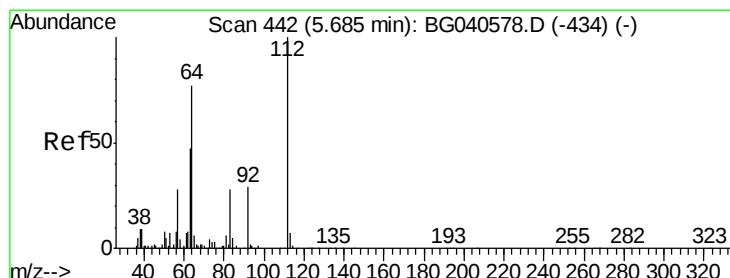
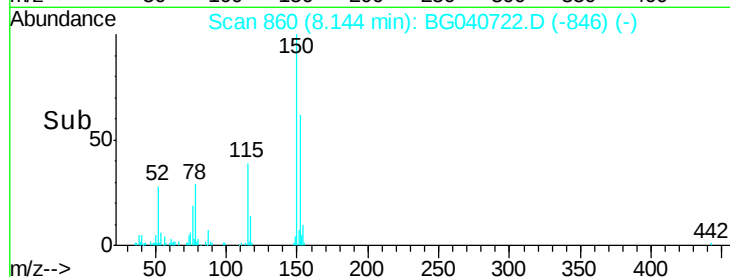
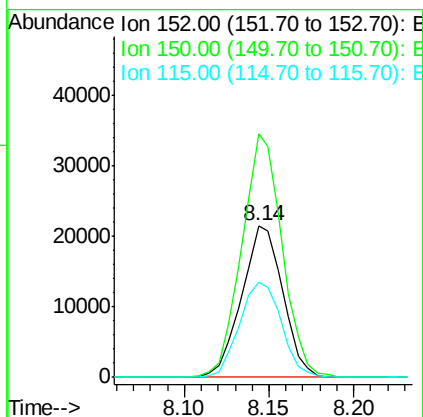
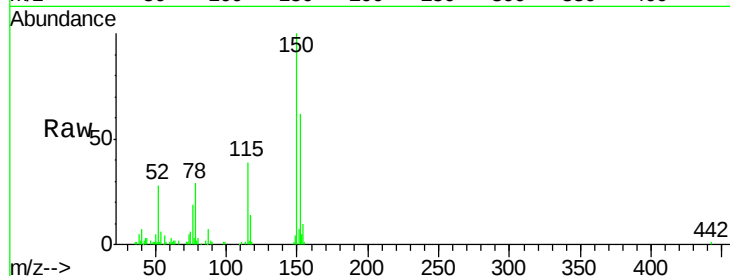


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 860
Delta R.T. -0.01 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Instrument :
BNA_G
ClientSampleId :
PB119404TB

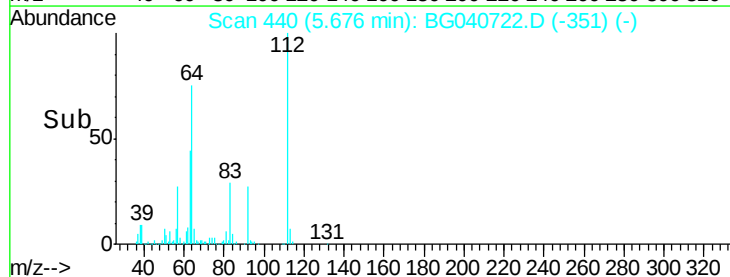
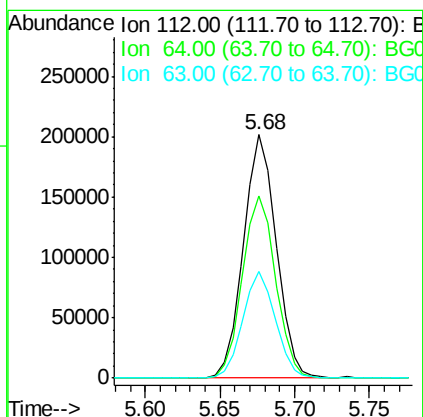
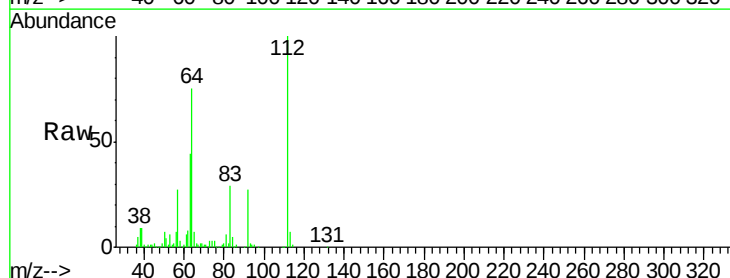
Tot Ion:152 Resp: 36270
Ion Ratio Lower Upper
152 100
150 160.5 120.2 180.2
115 63.0 46.2 69.2

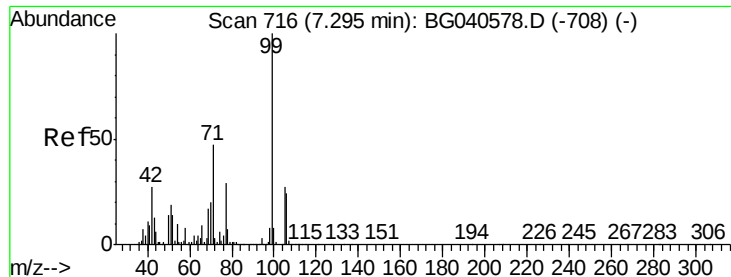


#5

2-Fluorophenol
Concen: 149.045 ng
RT: 5.68 min Scan# 440
Delta R.T. -0.01 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Tgt Ion:112 Resp: 306670
Ion Ratio Lower Upper
112 100
64 74.8 61.4 92.0
63 43.8 37.8 56.6





#7

Phenol-d6

Concen: 142.829 ng

RT: 7.28 min Scan# 713

Delta R.T. -0.01 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Instrument :

BNA_G

ClientSampleId :

PB119404TB

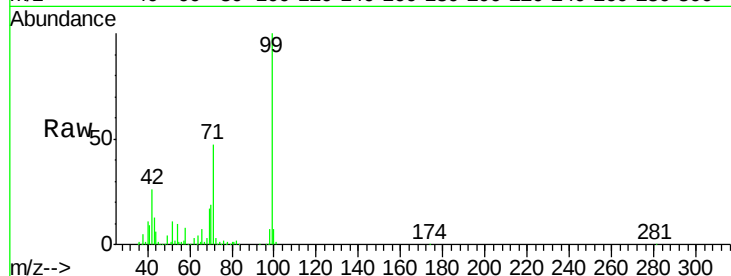
Tot Ion: 99 Resp: 452491

Ion Ratio Lower Upper

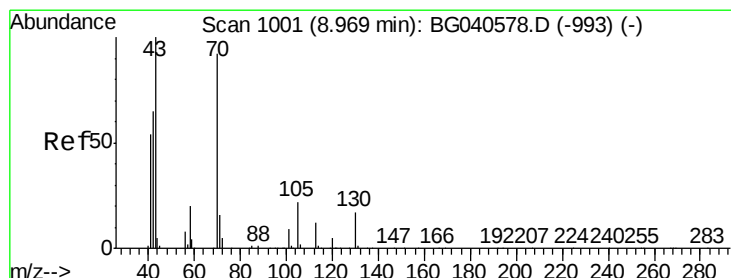
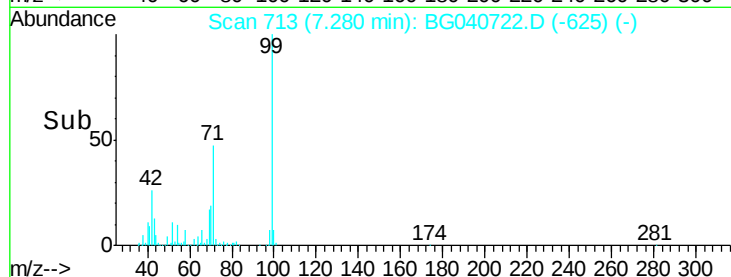
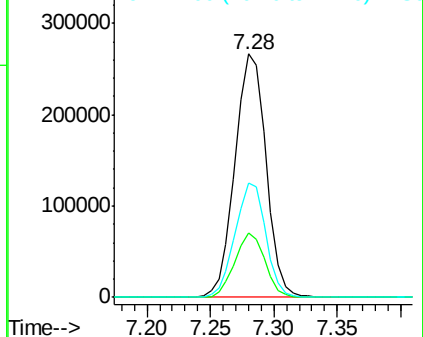
99 100

42 26.3 21.8 32.8

71 47.2 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: 15.657 ng

RT: 9.32 min Scan# 1060

Delta R.T. 0.35 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Tgt Ion: 70 Resp: 44650

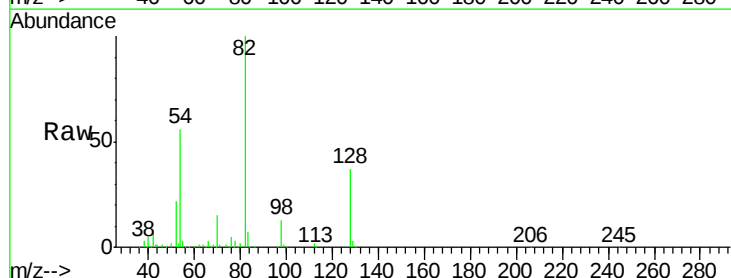
Ion Ratio Lower Upper

70 100

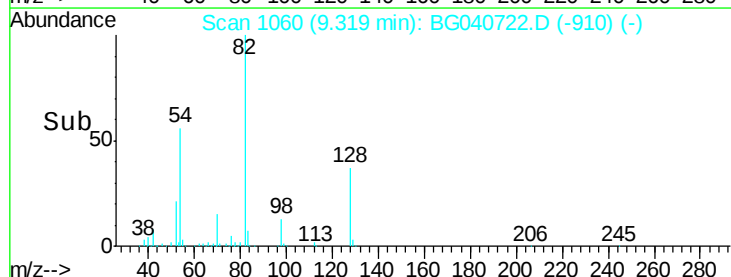
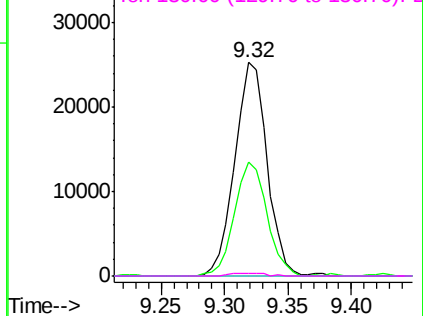
42 53.6 57.1 85.7#

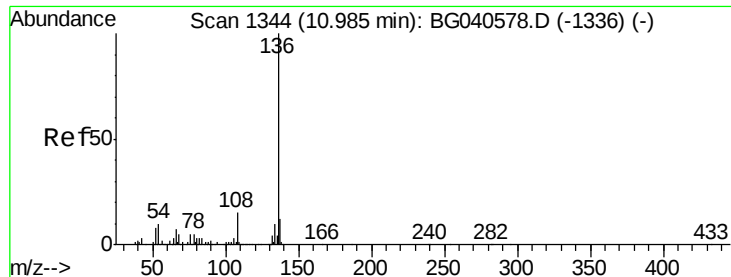
101 0.0 7.8 11.8#

130 1.4 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

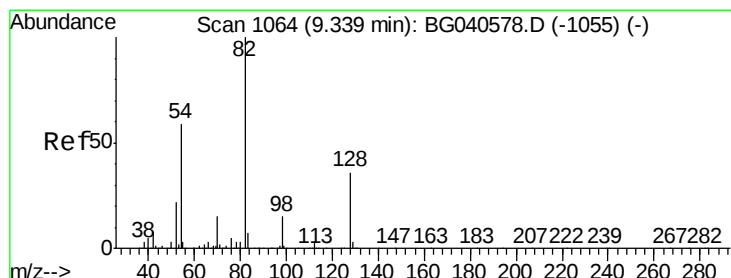
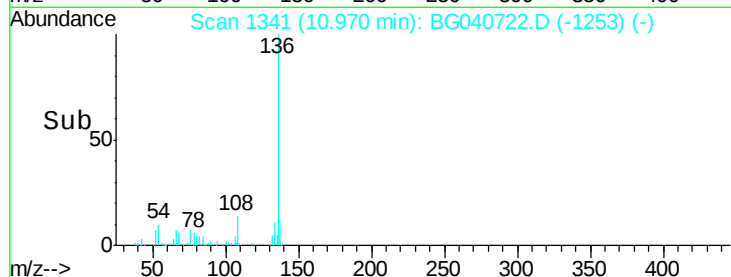
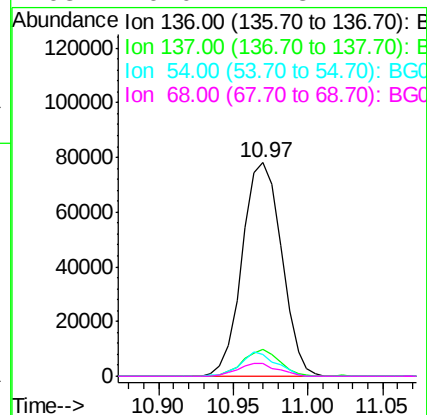
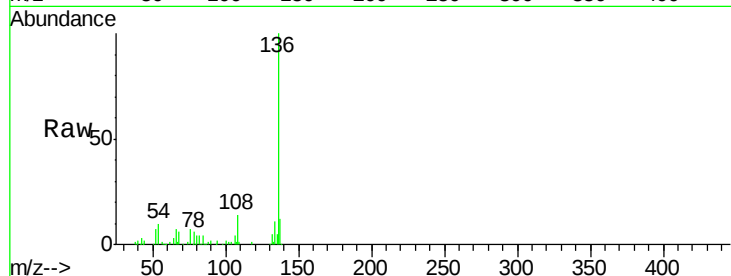




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

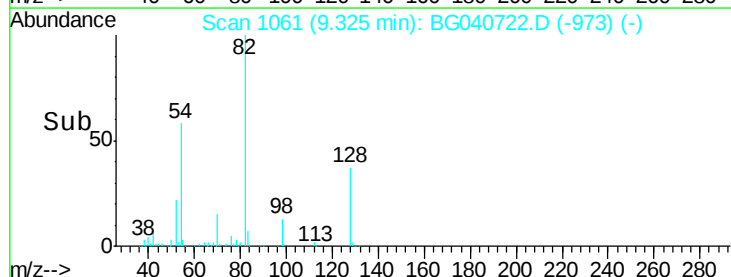
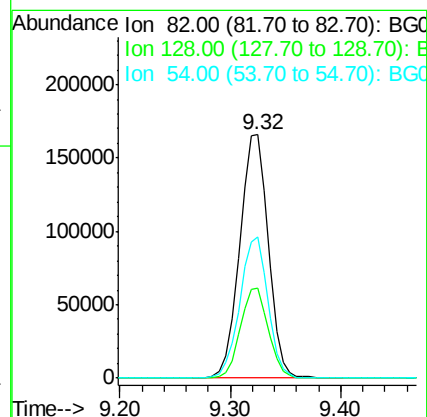
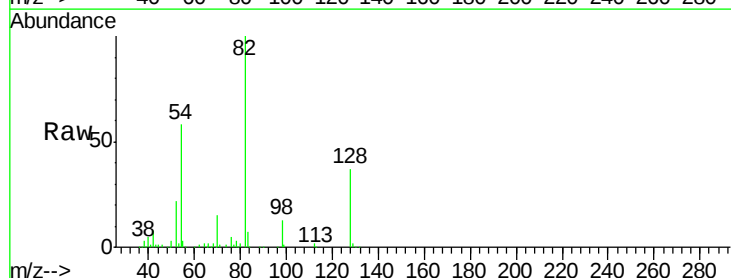
Instrument :
BNA_G
ClientSampleId :
PB119404TB

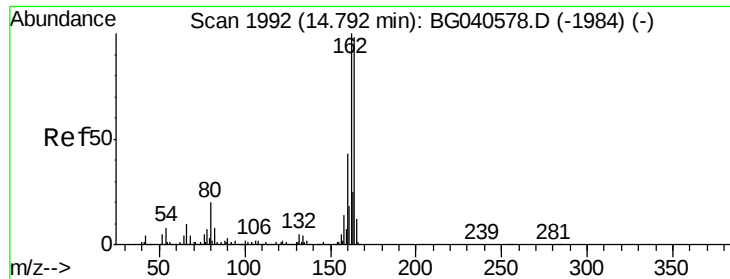
Tot Ion:136	Resp:	143082
Ion Ratio	Lower	Upper
136 100		
137 12.5	9.7	14.5
54 10.4	8.6	12.8
68 6.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 97.565 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Tgt Ion: 82	Resp: 302118
Ion Ratio	Lower Upper
82 100	
128 37.2	28.9 43.3
54 58.2	47.2 70.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Instrument :

BNA_G

ClientSampleId :

PB119404TB

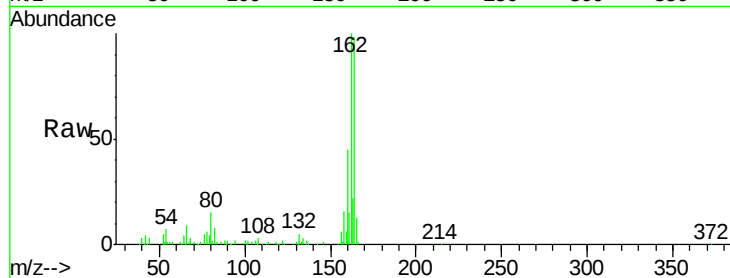
Tot Ion:164 Resp: 111823

Ion Ratio Lower Upper

164 100

162 102.4 81.9 122.9

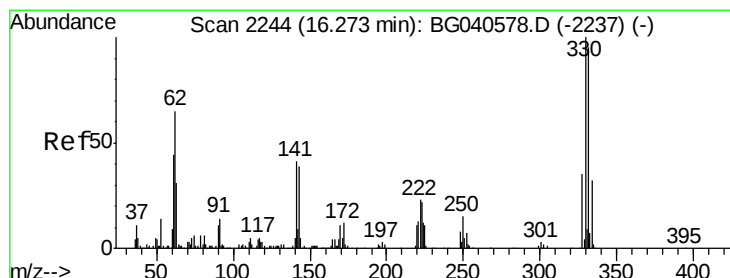
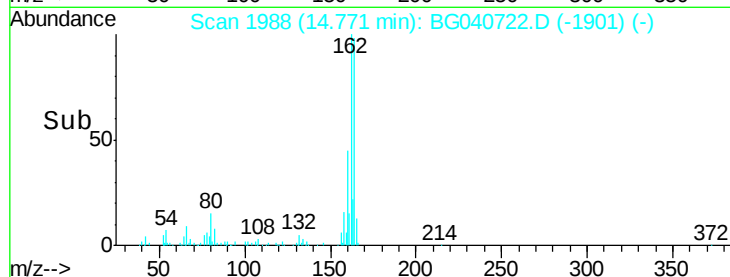
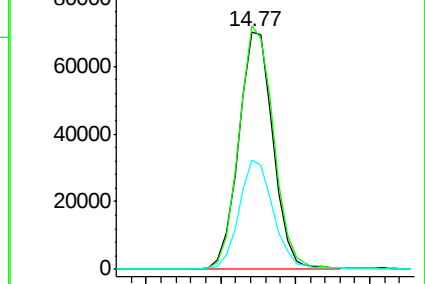
160 45.9 35.4 53.2



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: 167.110 ng

RT: 16.26 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

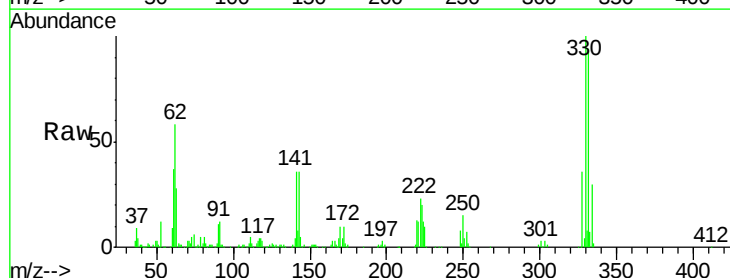
Tgt Ion:330 Resp: 256854

Ion Ratio Lower Upper

330 100

332 94.6 75.9 113.9

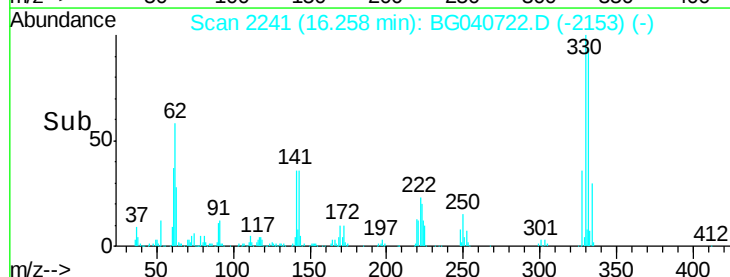
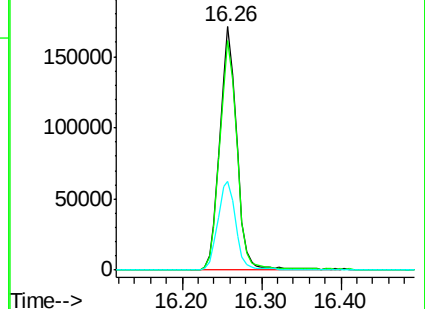
141 38.5 32.4 48.6

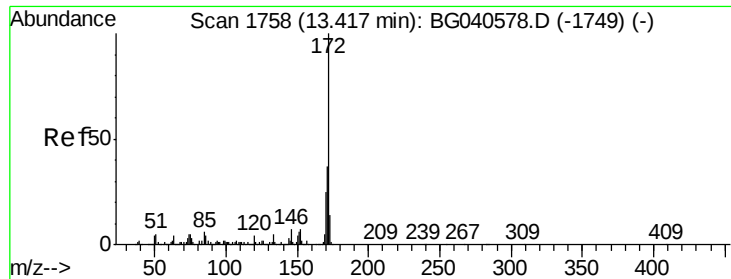


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

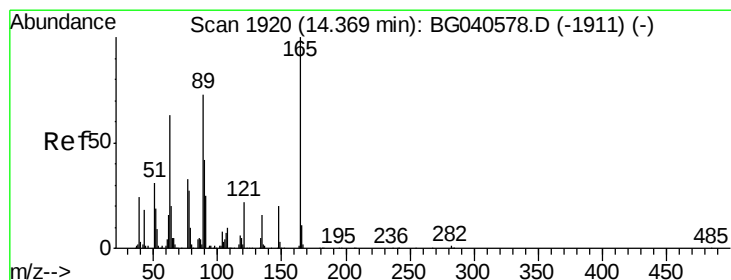
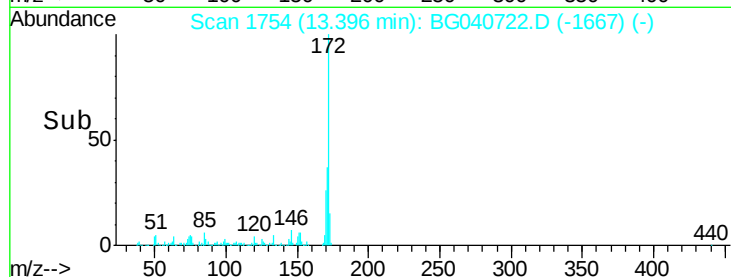
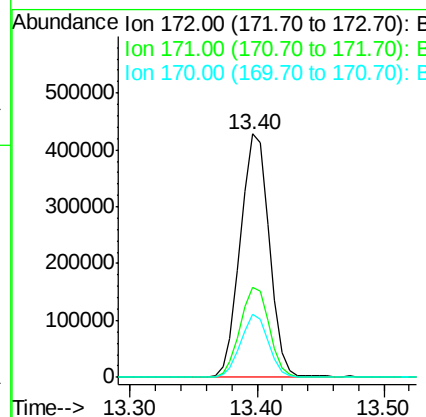
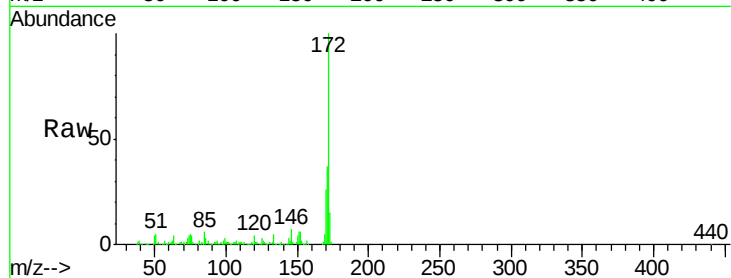




#45
2-Fluorobiphenyl
Concen: 87.578 ng
RT: 13.40 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

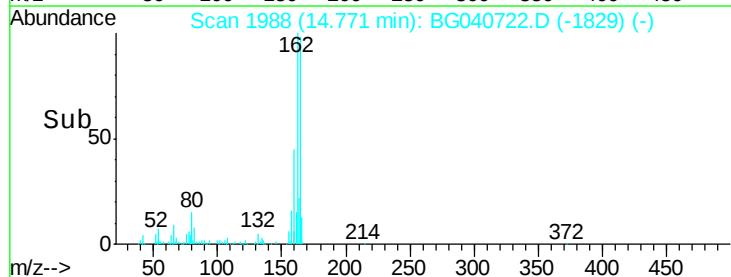
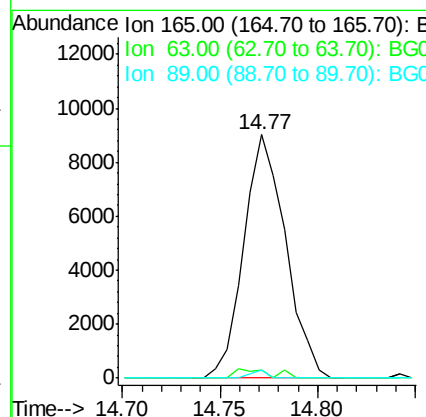
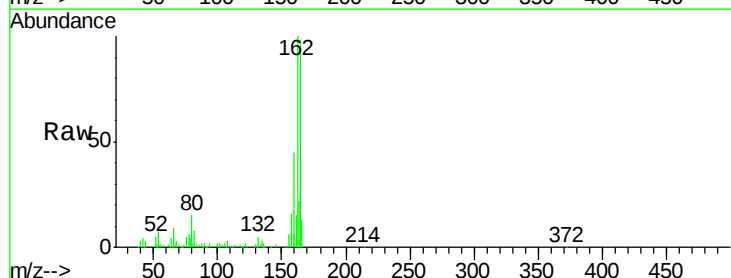
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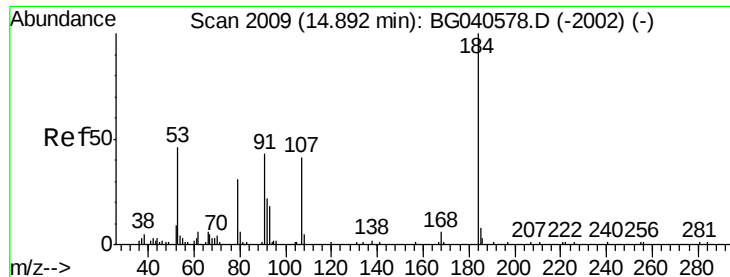
Tot Ion:172 Resp: 678111
Ion Ratio Lower Upper
172 100
171 37.0 29.4 44.2
170 25.7 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 7.319 ng
RT: 14.77 min Scan# 1988
Delta R.T. 0.40 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Tgt Ion:165 Resp: 13364
Ion Ratio Lower Upper
165 100
63 3.1 61.0 91.4#
89 3.4 58.6 87.8#

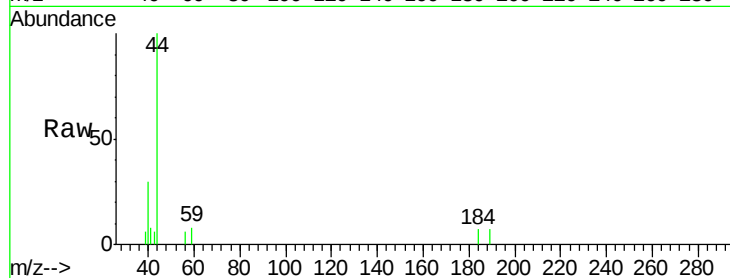




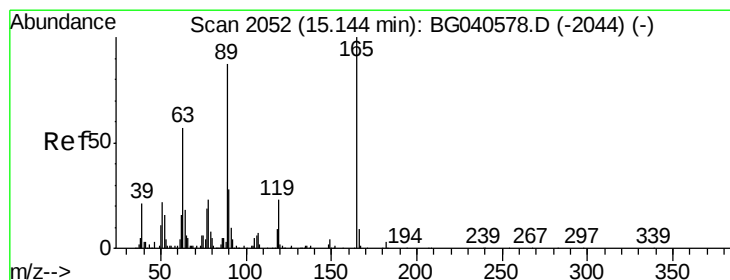
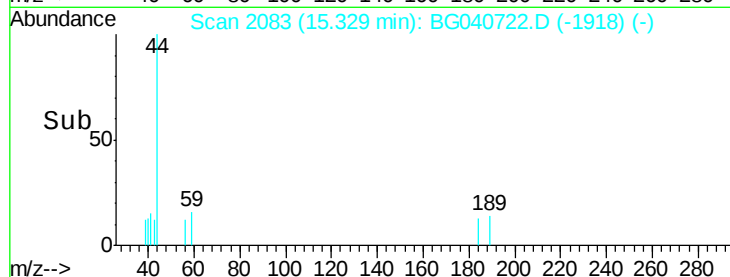
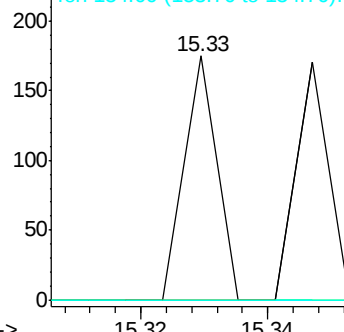
#54
2,4-Dinitrophenol
Concen: 7.070 ng
RT: 15.33 min Scan# 2083
Delta R.T. 0.44 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Instrument :
BNA_G
ClientSampleId :
PB119404TB

Tot Ion:184 Resp: 62
Ion Ratio Lower Upper
184 100
63 0.0 51.8 77.6#
154 0.0 43.6 65.4#

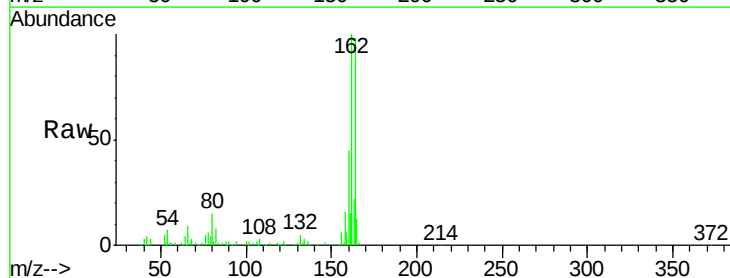


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

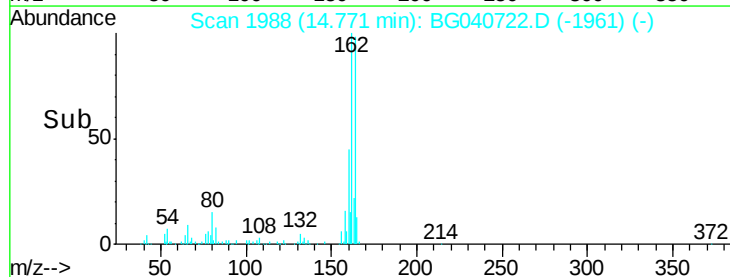
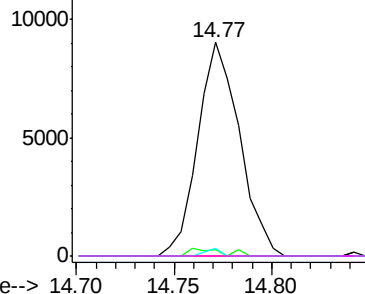


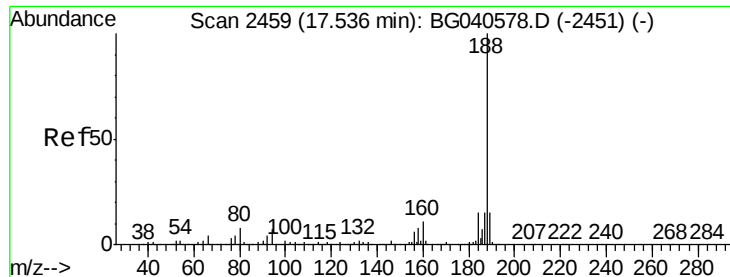
#57
2,4-Dinitrotoluene
Concen: 5.386 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.37 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Tgt Ion:165 Resp: 13364
Ion Ratio Lower Upper
165 100
63 3.1 45.8 68.8#
89 3.4 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

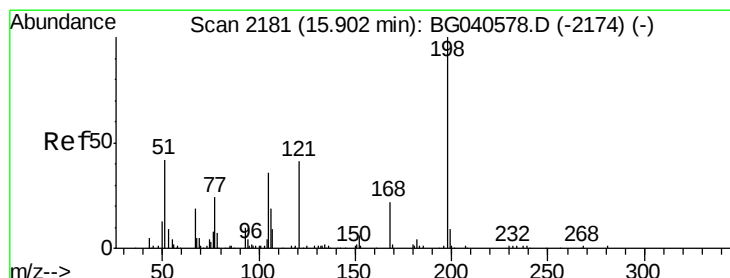
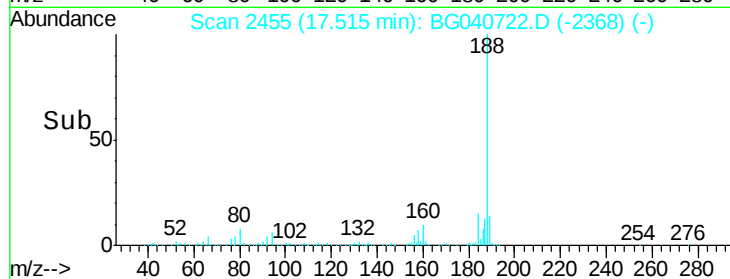
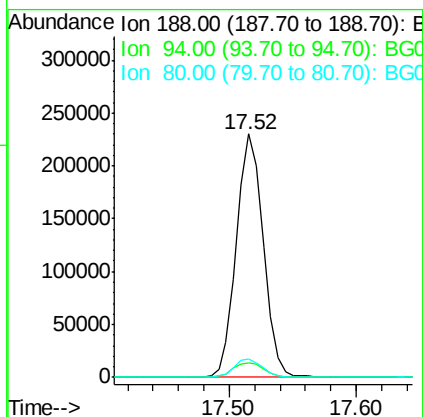
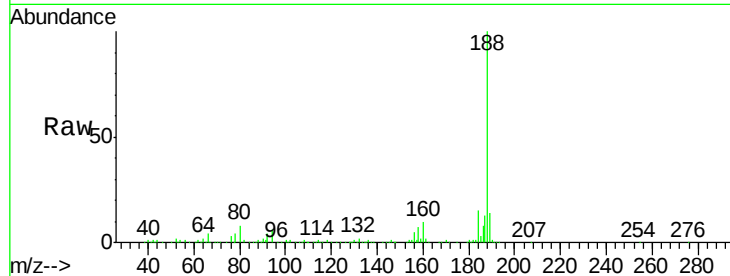




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2455
Delta R.T. -0.02 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

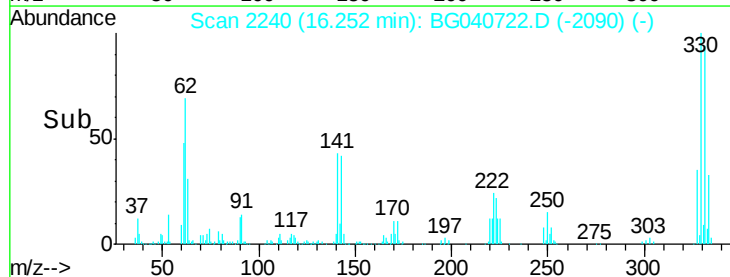
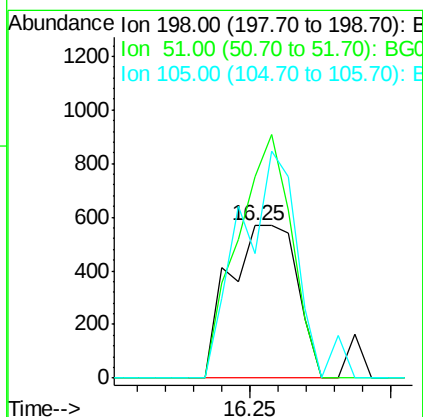
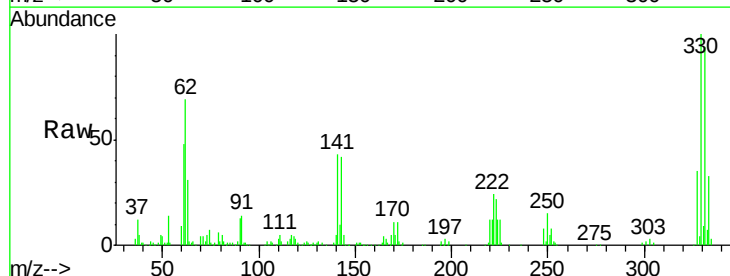
Instrument :
BNA_G
ClientSampleId :
PB119404TB

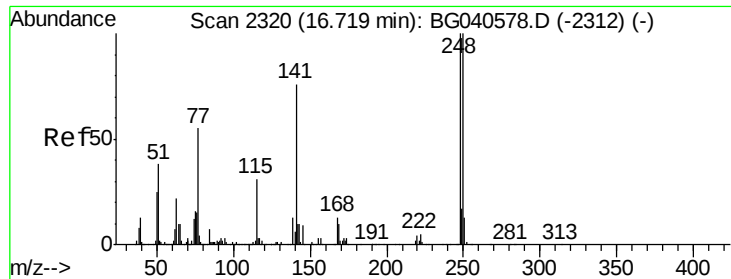
Tot Ion:188 Resp: 338082
Ion Ratio Lower Upper
188 100
94 6.0 5.6 8.4
80 7.8 6.4 9.6



#65
4,6-Dinitro-2-methylphenol
Concen: 7.582 ng
RT: 16.25 min Scan# 2240
Delta R.T. 0.35 min
Lab File: BG040722.D
Acq: 3 May 2019 00:41

Tgt Ion:198 Resp: 940
Ion Ratio Lower Upper
198 100
51 25.7 35.9 75.9#
105 15.9 21.2 61.2#

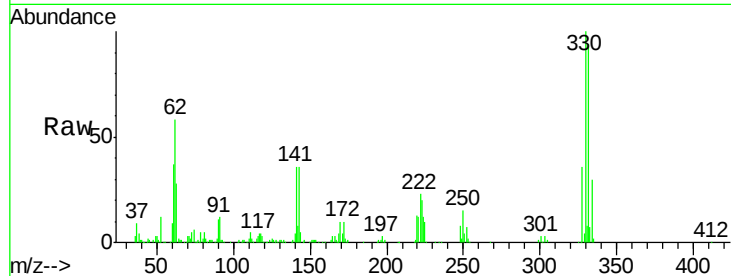




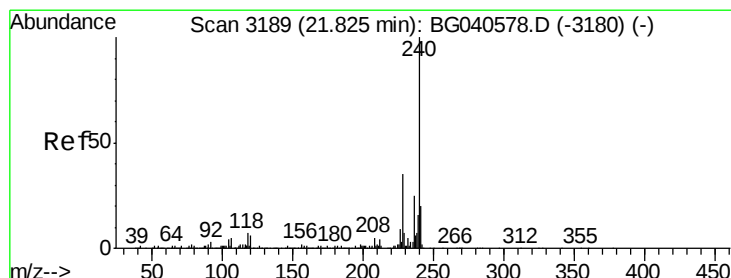
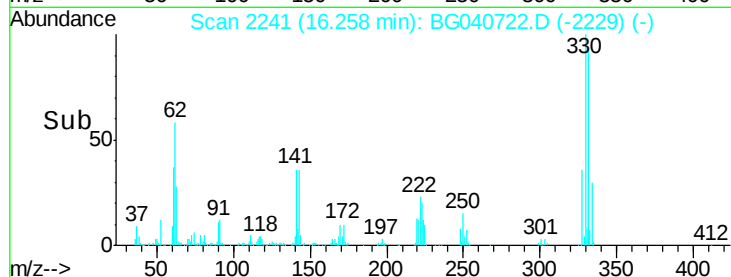
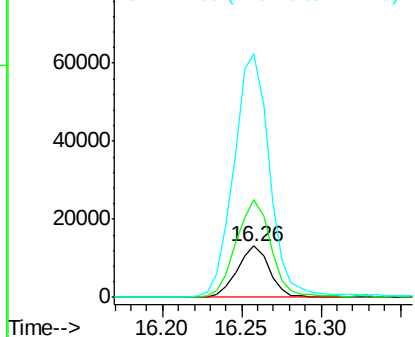
#67
 4-Bromophenyl-phenylether
 Concen: 4.450 ng
 RT: 16.26 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040722.D
 Acq: 3 May 2019 00:41

Instrument :
 BNA_G
 ClientSampleId :
 PB119404TB

Tot Ion:248 Resp: 18744
 Ion Ratio Lower Upper
 248 100
 250 190.9 79.8 119.6#
 141 476.3 60.8 91.2#

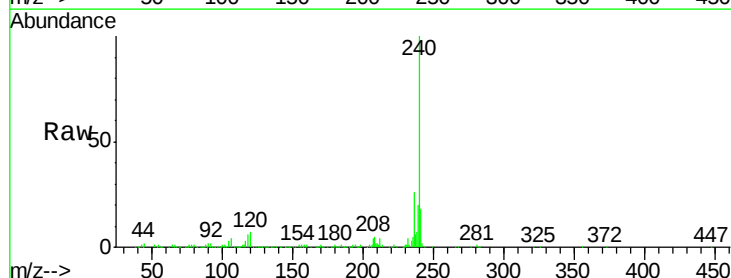


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

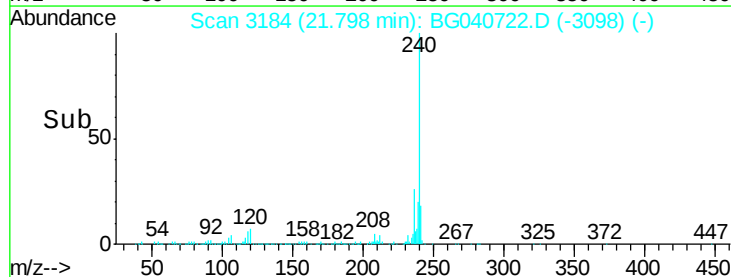
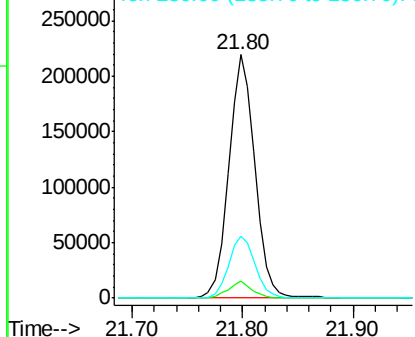


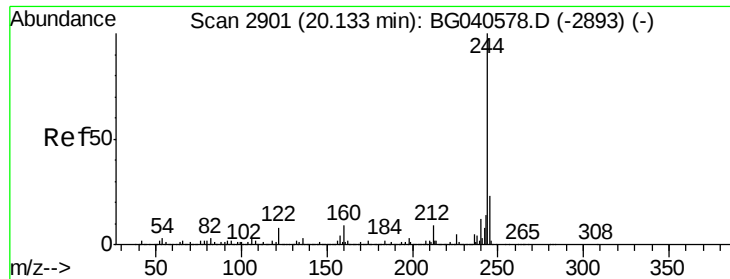
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3184
 Delta R.T. -0.03 min
 Lab File: BG040722.D
 Acq: 3 May 2019 00:41

Tgt Ion:240 Resp: 362357
 Ion Ratio Lower Upper
 240 100
 120 6.8 5.0 7.6
 236 25.6 20.3 30.5



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: 96.098 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

Instrument :

BNA_G

ClientSampleId :

PB119404TB

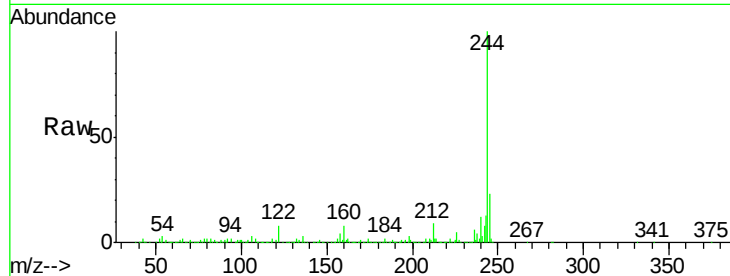
Tot Ion:244 Resp: 1571784

Ion Ratio Lower Upper

244 100

212 9.3 7.2 10.8

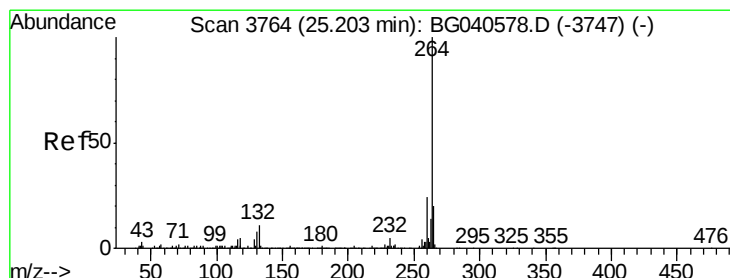
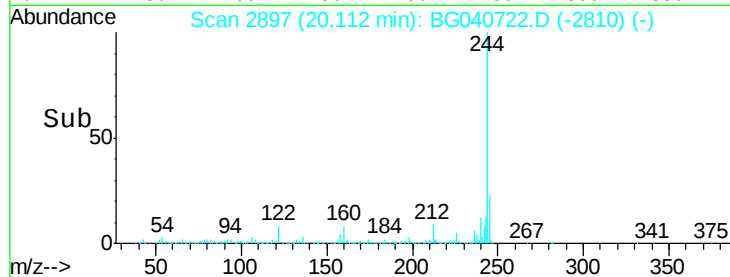
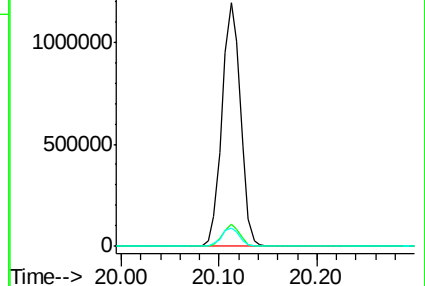
122 7.7 6.6 10.0



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: 25.15 min Scan# 3755

Delta R.T. -0.05 min

Lab File: BG040722.D

Acq: 3 May 2019 00:41

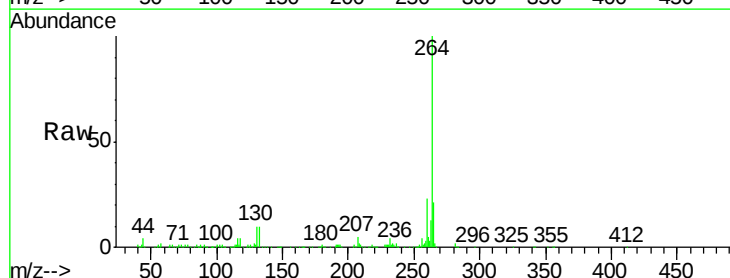
Tgt Ion:264 Resp: 364328

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 20.9 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

