

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG041119\
 Data File : BG040445.D
 Acq On : 11 Apr 2019 17:28
 Operator : JU/SJ
 Sample : K2361-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 12 01:26:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 28 05:47:00 2019
 Response via : Initial Calibration

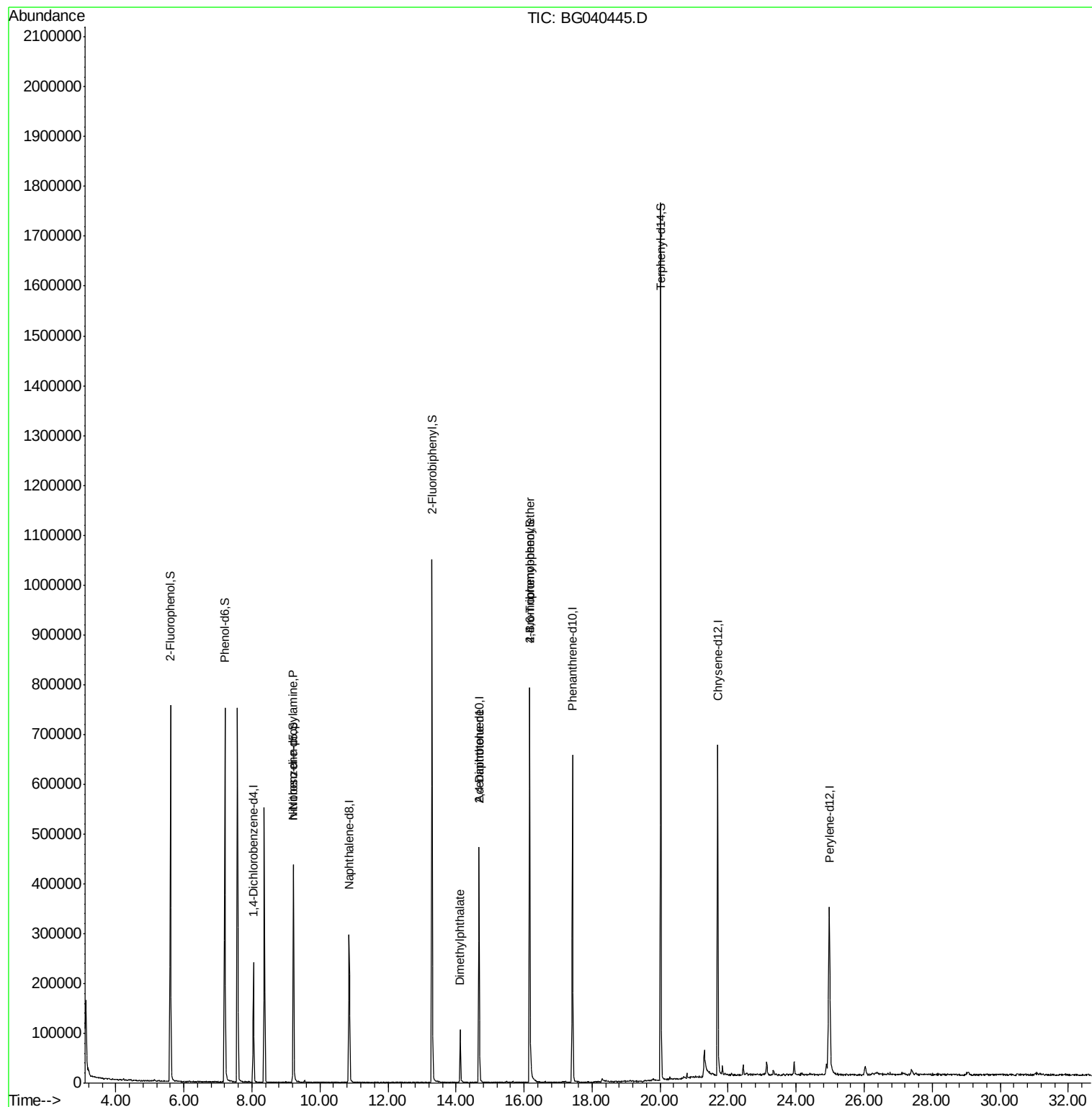
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	69171	20.00	ng	-0.03
21) Naphthalene-d8	10.86	136	279192	20.00	ng	-0.03
39) Acenaphthene-d10	14.68	164	170882	20.00	ng	-0.03
64) Phenanthrene-d10	17.42	188	412343	20.00	ng	-0.03
76) Chrysene-d12	21.69	240	410911	20.00	ng	-0.04
87) Perylene-d12	24.97	264	411222	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	342994	82.43	ng	-0.01
7) Phenol-d6	7.20	99	472437	82.16	ng	-0.02
23) Nitrobenzene-d5	9.22	82	282888	53.86	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	153669	83.21	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	580027	50.30	ng	-0.03
79) Terphenyl-d14	20.02	244	878403	48.09	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	34606	8.394	ng	# 72
50) Dimethylphthalate	14.12	163	82275	6.152	ng	# 99
57) 2,4-Dinitrotoluene	14.68	165	22347	5.356	ng	# 25
67) 4-Bromophenyl-phenylether	16.17	248	11097	2.391	ng	# 1

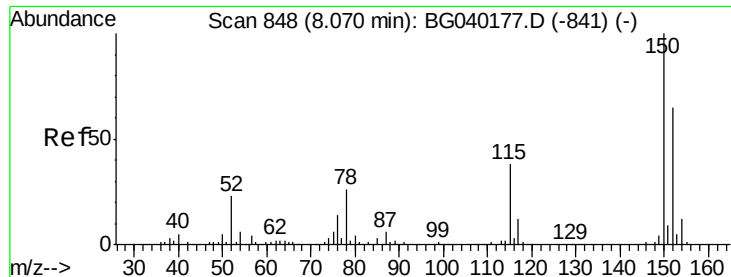
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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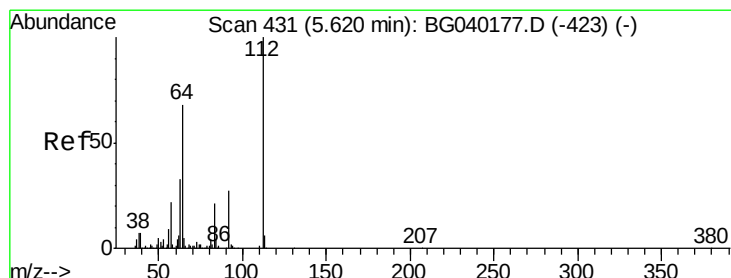
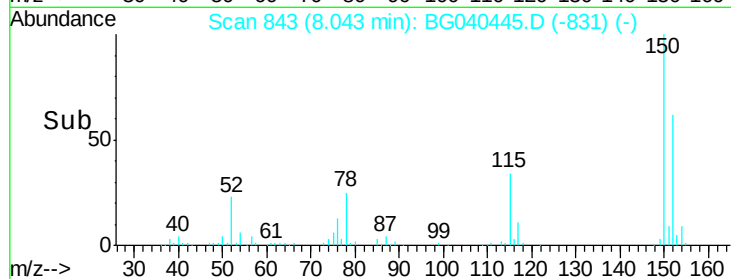
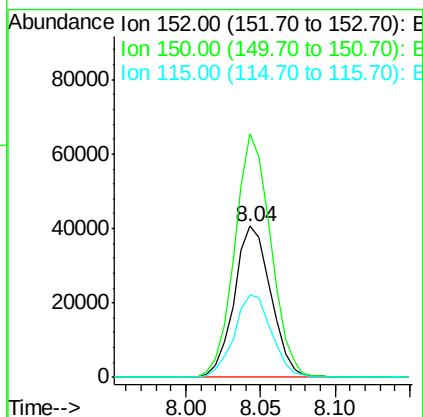
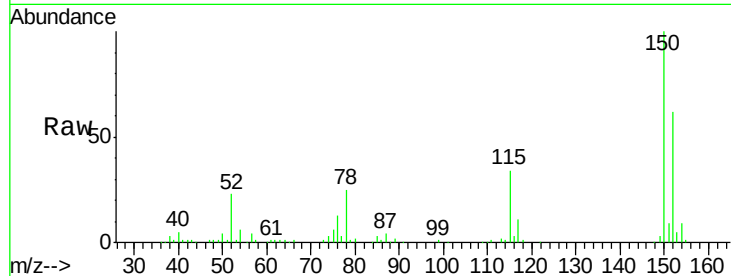


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.03 min
Lab File: BG040445.D
Acq: 11 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :

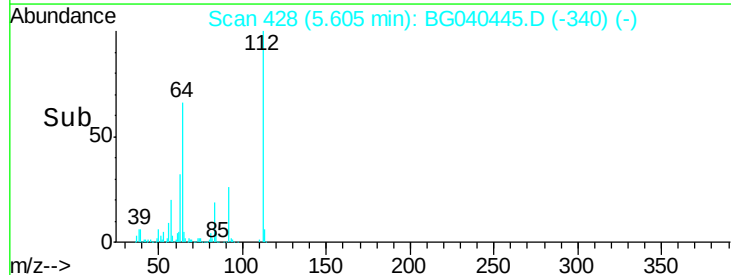
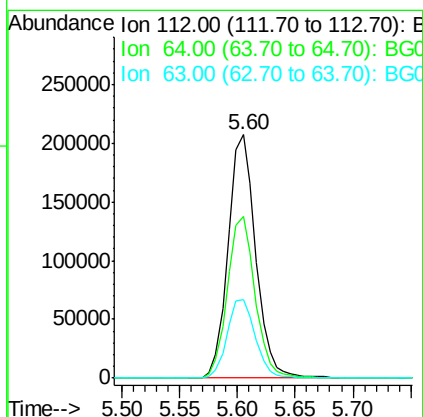
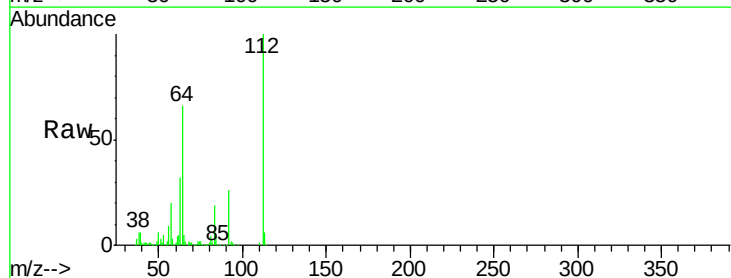
Tot Ion:152 Resp: 69171
Ion Ratio Lower Upper
152 100
150 161.0 123.7 185.5
115 54.6 46.9 70.3

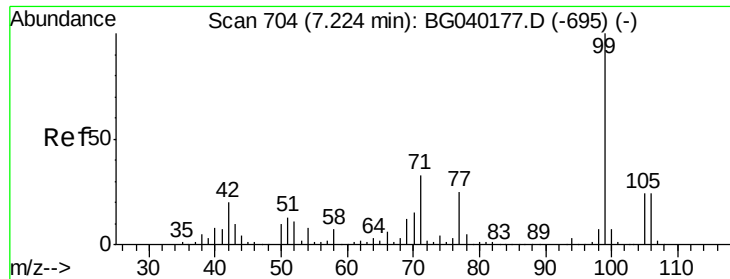


#5

2-Fluorophenol
Concen: 82.433 ng
RT: 5.60 min Scan# 428
Delta R.T. -0.01 min
Lab File: BG040445.D
Acq: 11 Apr 2019 17:28

Tgt Ion:112 Resp: 342994
Ion Ratio Lower Upper
112 100
64 66.2 54.2 81.2
63 32.2 26.4 39.6





#7

Phenol-d6

Concen: 82.157 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.02 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

Instrument :

BNA_G

ClientSampleId :

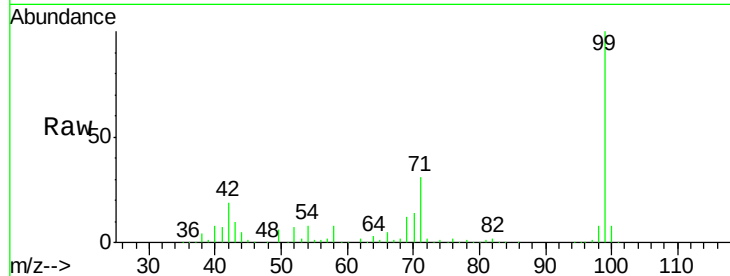
Tot Ion: 99 Resp: 472437

Ion Ratio Lower Upper

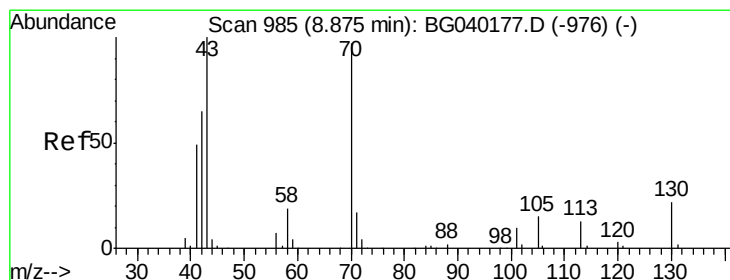
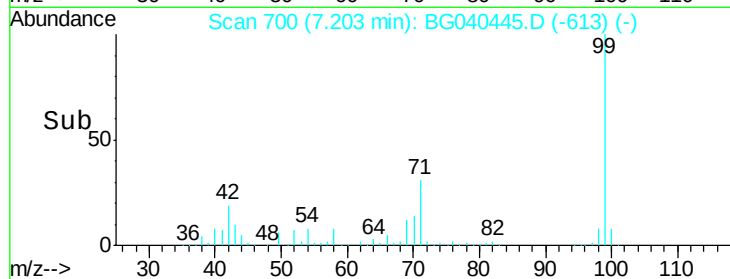
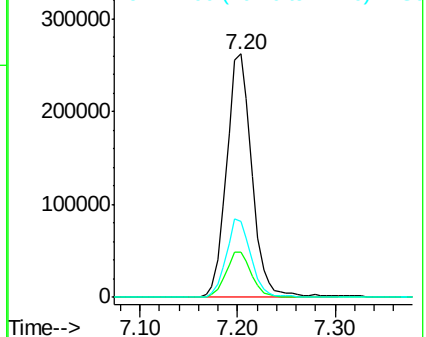
99 100

42 18.7 16.2 24.2

71 31.1 26.8 40.2



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: 8.394 ng

RT: 9.22 min Scan# 1044

Delta R.T. 0.35 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

Tgt Ion: 70 Resp: 34606

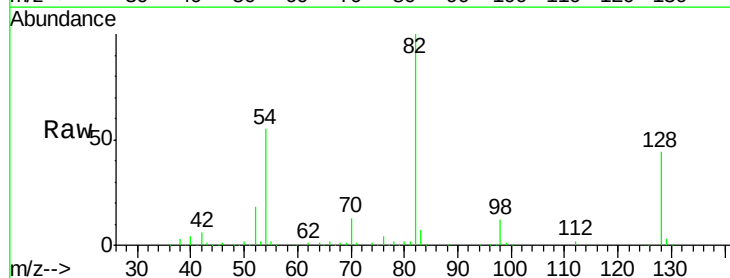
Ion Ratio Lower Upper

70 100

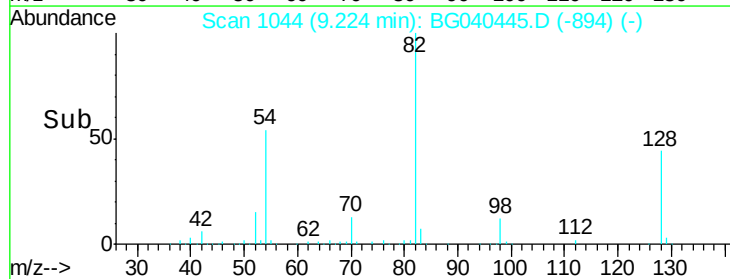
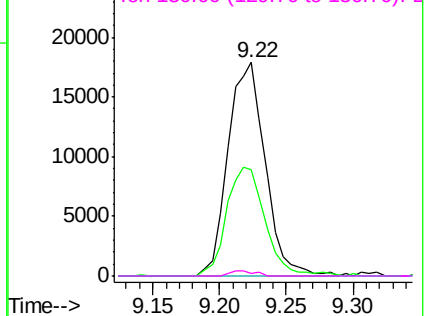
42 49.8 54.0 81.0#

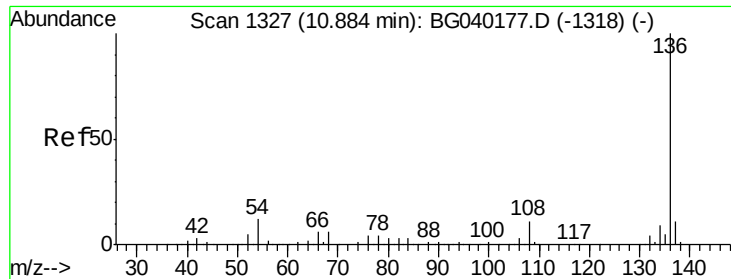
101 0.0 8.6 13.0#

130 1.0 18.2 27.2#



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

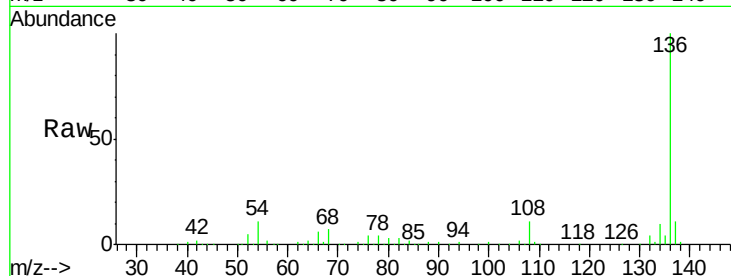




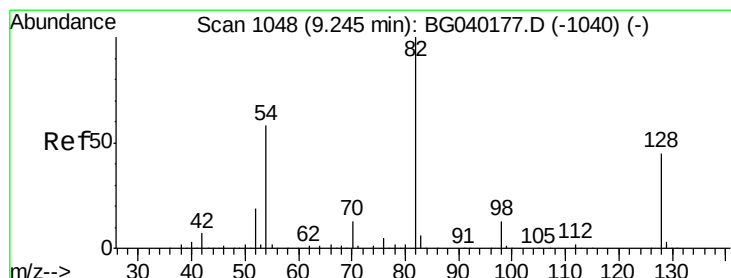
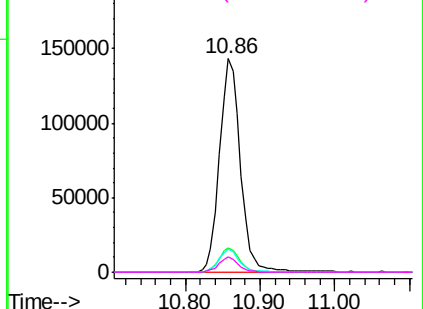
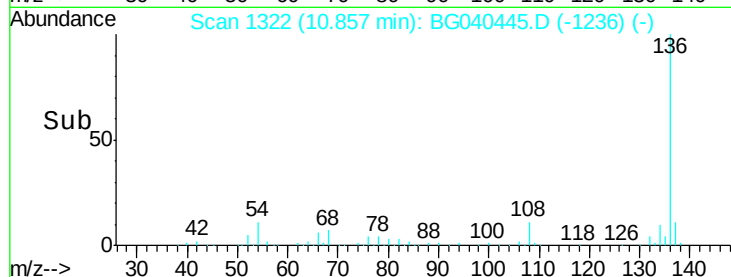
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1322
Delta R.T. -0.03 min
Lab File: BG040445.D
Acq: 11 Apr 2019 17:28

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	279192
Ion	Ratio	Lower Upper
136	100	
137	11.1	8.9 13.3
54	10.6	9.6 14.4
68	7.1	5.1 7.7

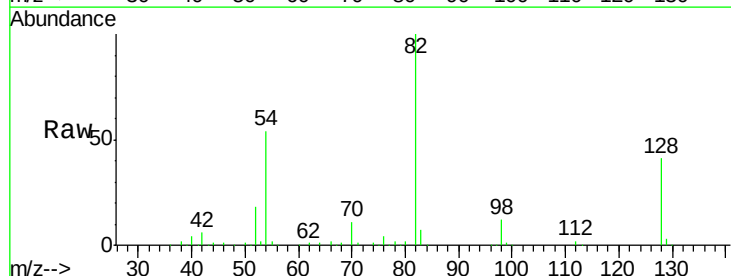


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

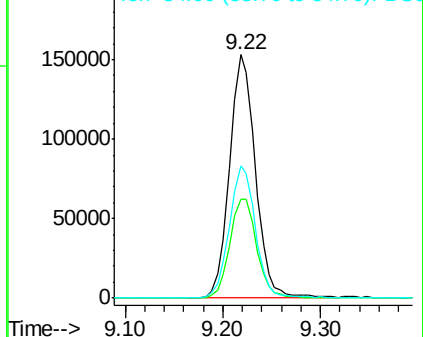
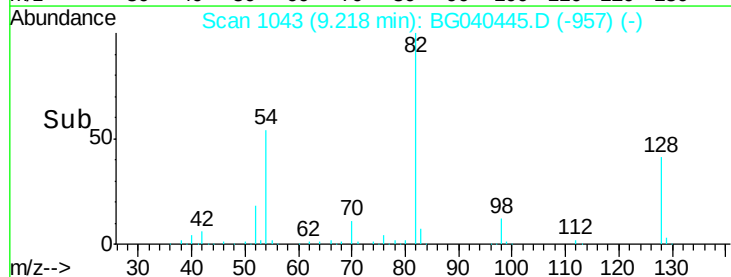


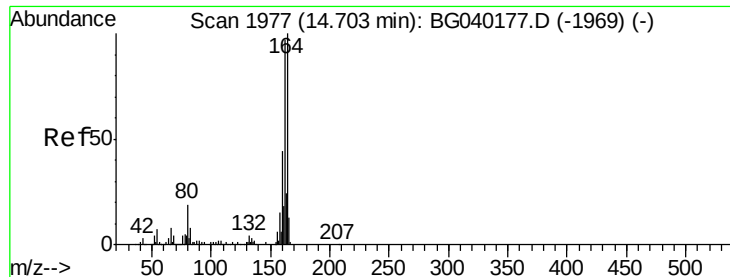
#23
Nitrobenzene-d5
Concen: 53.857 ng
RT: 9.22 min Scan# 1043
Delta R.T. -0.03 min
Lab File: BG040445.D
Acq: 11 Apr 2019 17:28

Tgt Ion: 82	Resp:	282888
Ion	Ratio	Lower Upper
82	100	
128	40.9	35.8 53.8
54	54.2	46.2 69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1972

Delta R.T. -0.03 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

Instrument :

BNA_G

ClientSampled :

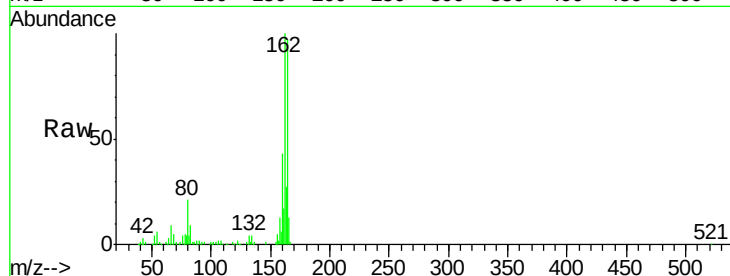
Tot Ion:164 Resp: 170882

Ion Ratio Lower Upper

164 100

162 102.9 77.4 116.2

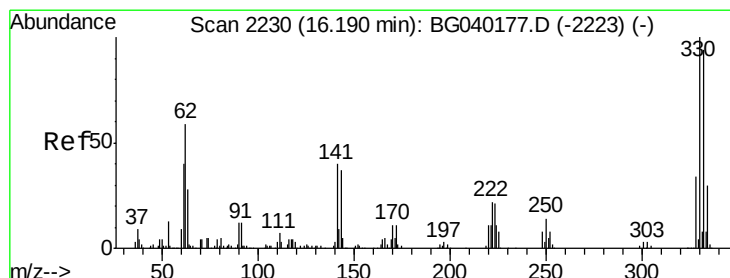
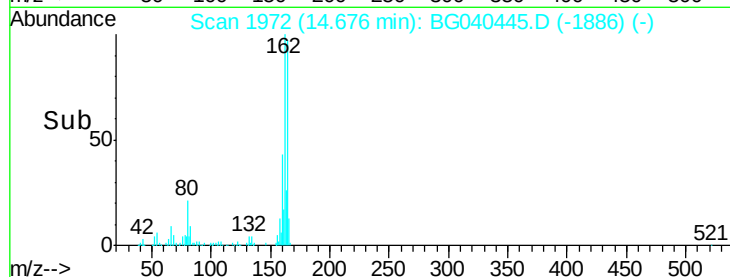
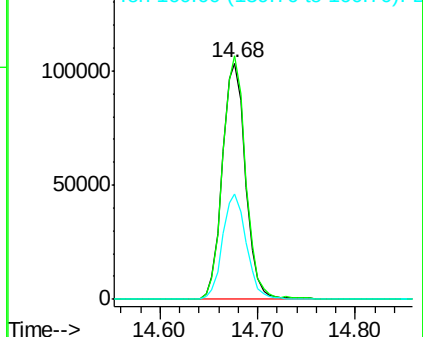
160 44.7 35.3 52.9



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: 83.209 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

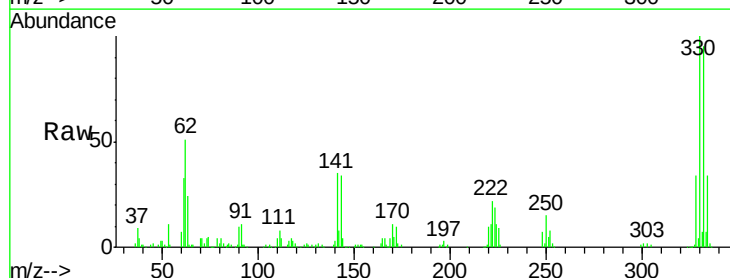
Tgt Ion:330 Resp: 153669

Ion Ratio Lower Upper

330 100

332 97.6 76.6 115.0

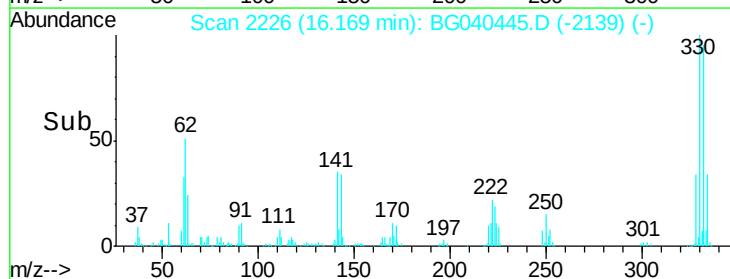
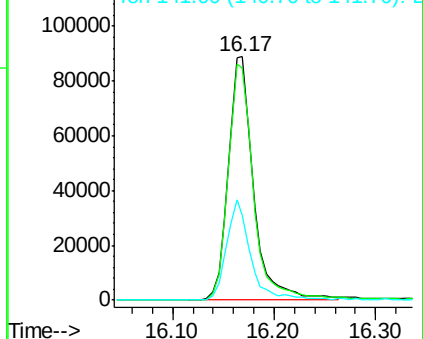
141 39.0 32.6 48.8

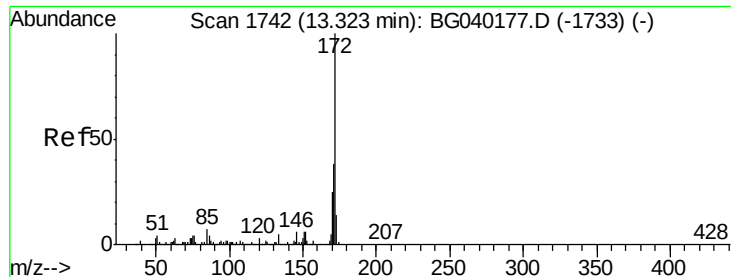


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

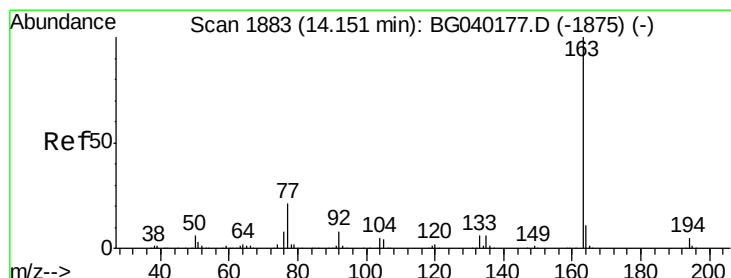
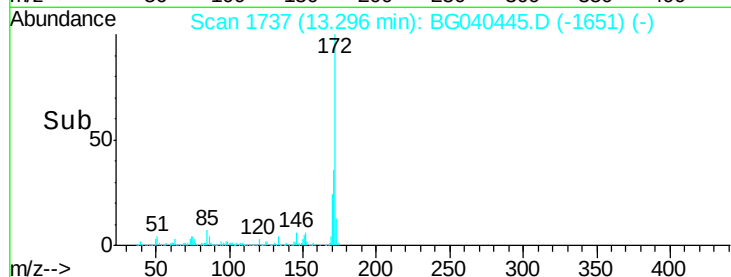
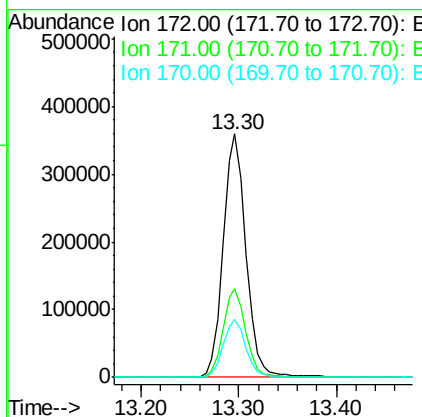
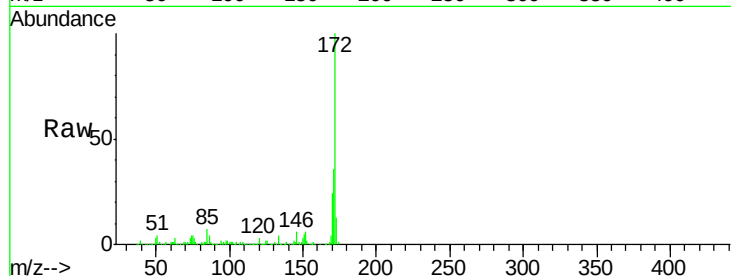




#45
2-Fluorobiphenyl
Concen: 50.296 ng
RT: 13.30 min Scan# 1737
Delta R.T. -0.03 min
Lab File: BG040445.D
Acq: 11 Apr 2019 17:28

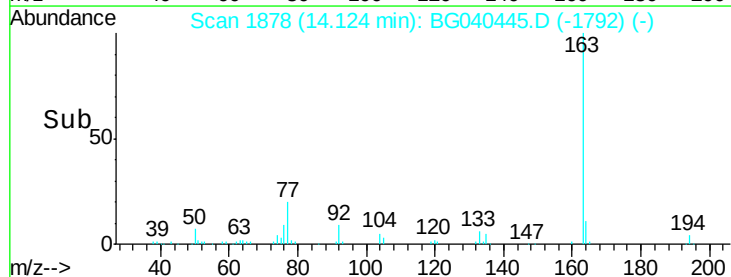
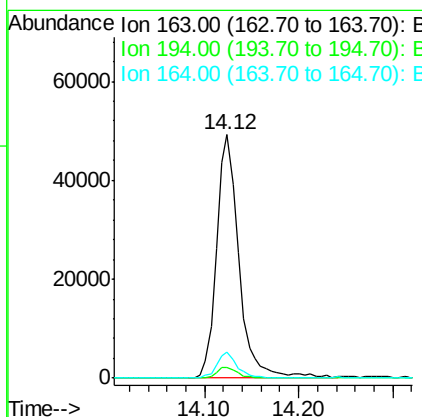
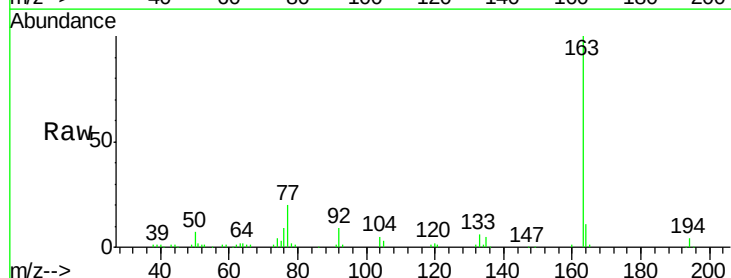
Instrument :
BNA_G
ClientSampled :

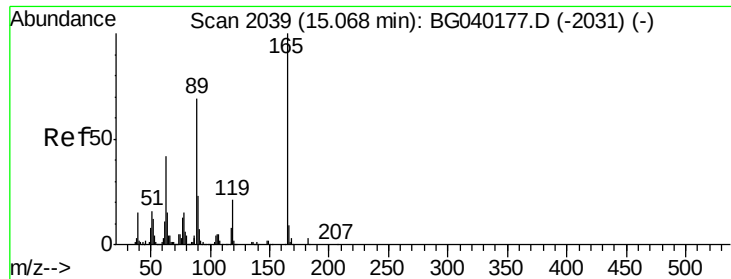
Tot Ion:172 Resp: 580027
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.0 20.1 30.1



#50
Dimethylphthalate
Concen: 6.152 ng
RT: 14.12 min Scan# 1878
Delta R.T. -0.03 min
Lab File: BG040445.D
Acq: 11 Apr 2019 17:28

Tgt Ion:163 Resp: 82275
Ion Ratio Lower Upper
163 100
194 4.5 4.1 6.1
164 10.8 8.6 13.0

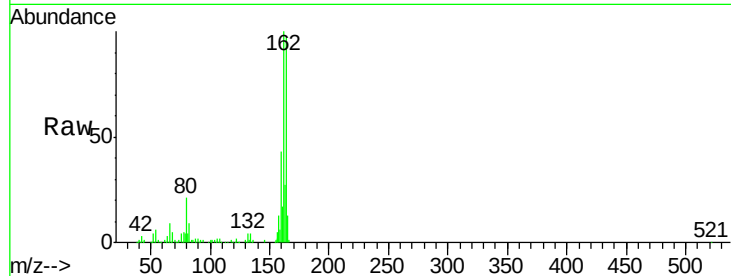




#57
 2,4-Dinitrotoluene
 Concen: 5.356 ng
 RT: 14.68 min Scan# 1972
 Delta R.T. -0.39 min
 Lab File: BG040445.D
 Acq: 11 Apr 2019 17:28

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#

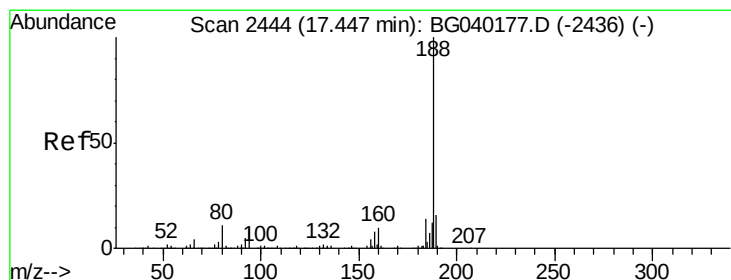
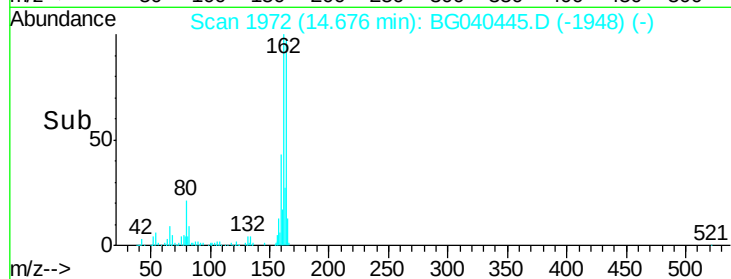
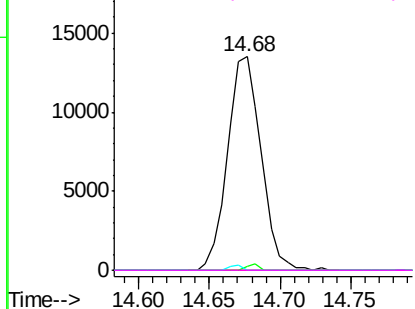


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

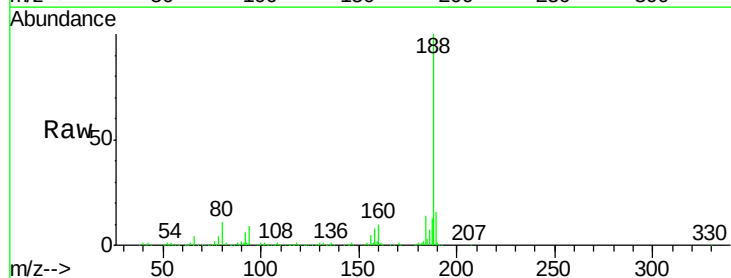
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.03 min
 Lab File: BG040445.D
 Acq: 11 Apr 2019 17:28

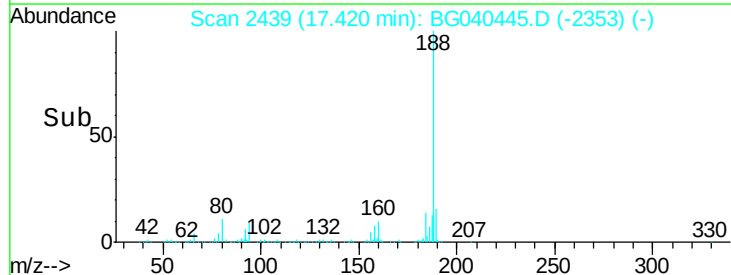
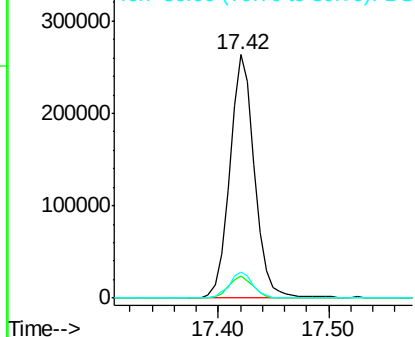
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.0	10.4
80	10.7	8.6	13.0

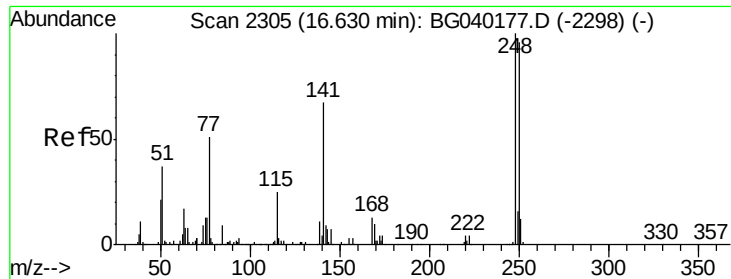


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 2.391 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.46 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

Instrument :

BNA_G

ClientSampled :

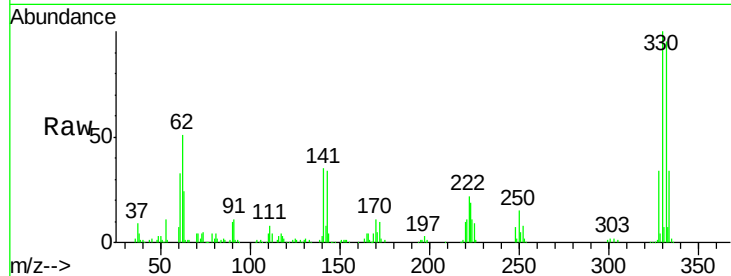
Tot Ion:248 Resp: 11097

Ion Ratio Lower Upper

248 100

250 197.7 76.4 114.6#

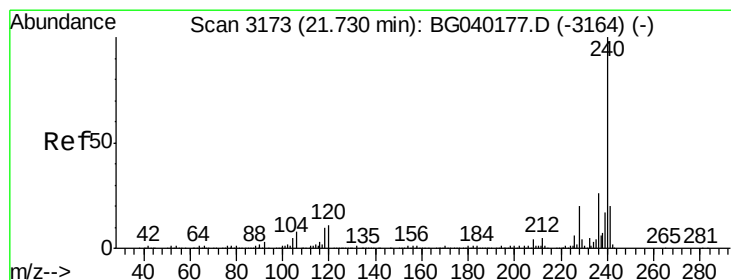
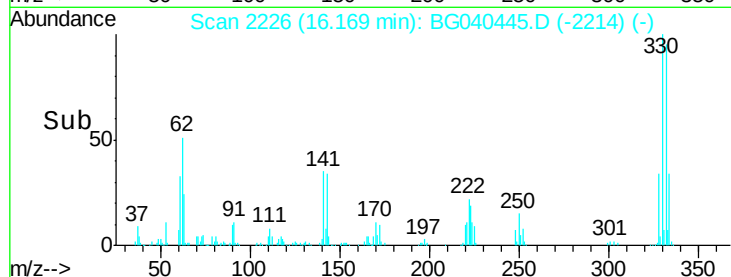
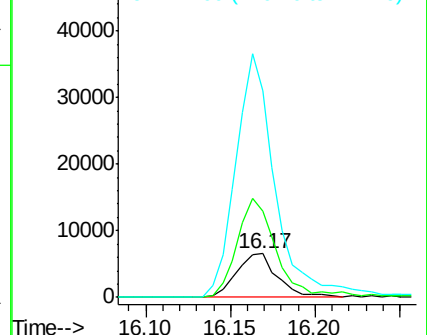
141 470.5 53.8 80.8#



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: 21.69 min Scan# 3166

Delta R.T. -0.04 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

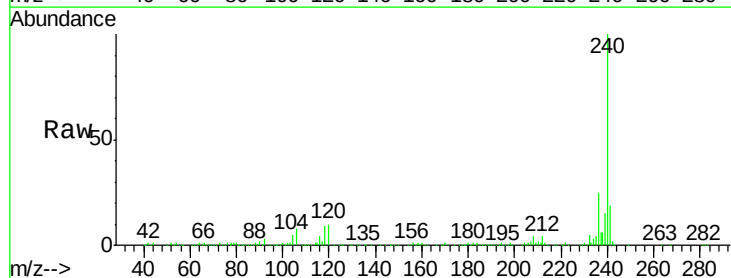
Tgt Ion:240 Resp: 410911

Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

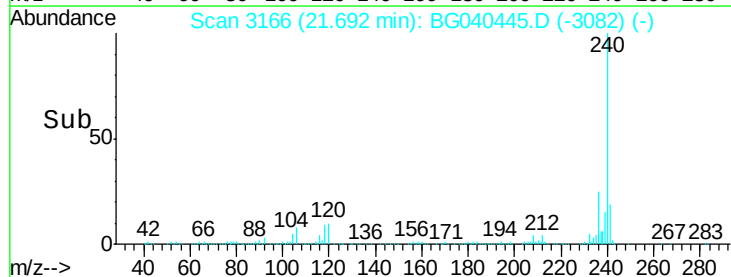
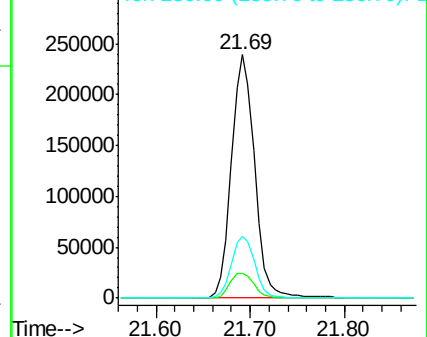
236 25.5 20.8 31.2

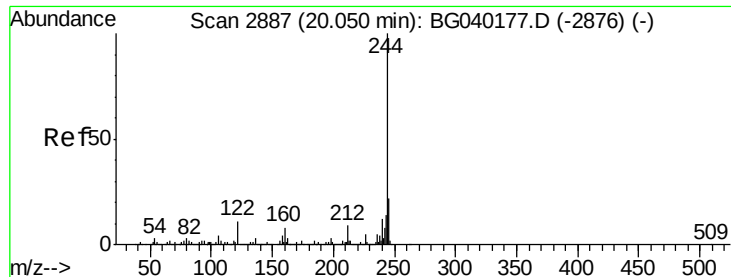


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 48.091 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.03 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

Instrument :

BNA_G

ClientSampleId :

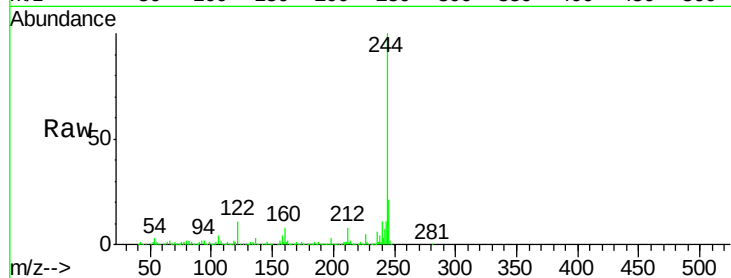
Tot Ion:244 Resp: 878403

Ion Ratio Lower Upper

244 100

212 8.1 7.0 10.6

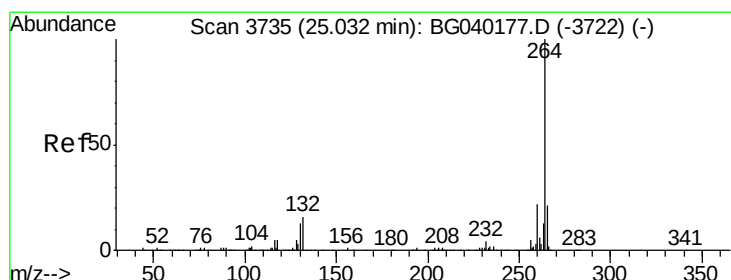
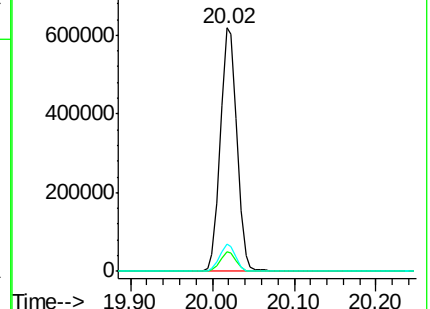
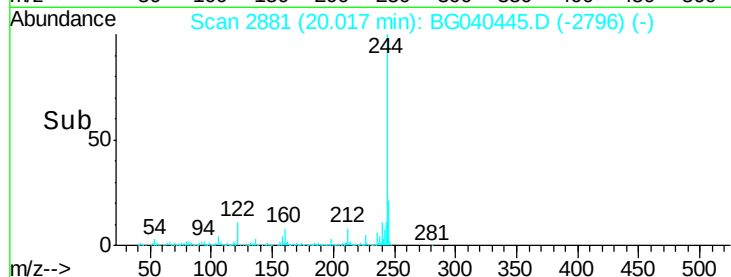
122 11.0 8.5 12.7



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: 24.97 min Scan# 3724

Delta R.T. -0.06 min

Lab File: BG040445.D

Acq: 11 Apr 2019 17:28

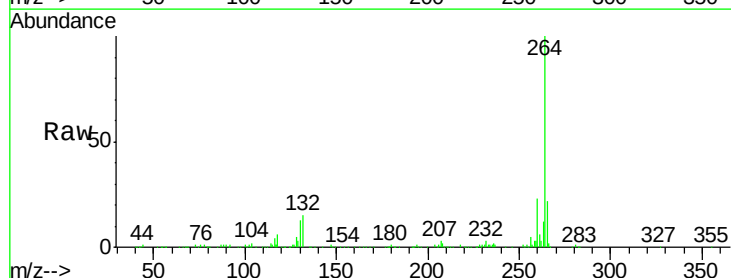
Tgt Ion:264 Resp: 411222

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.8 16.8 25.2



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

