

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040241.D
 Acq On : 30 Mar 2019 1:16
 Operator : JU/SJ
 Sample : K2111-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S5(17-25)COMP

Quant Time: Mar 30 04:11:49 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

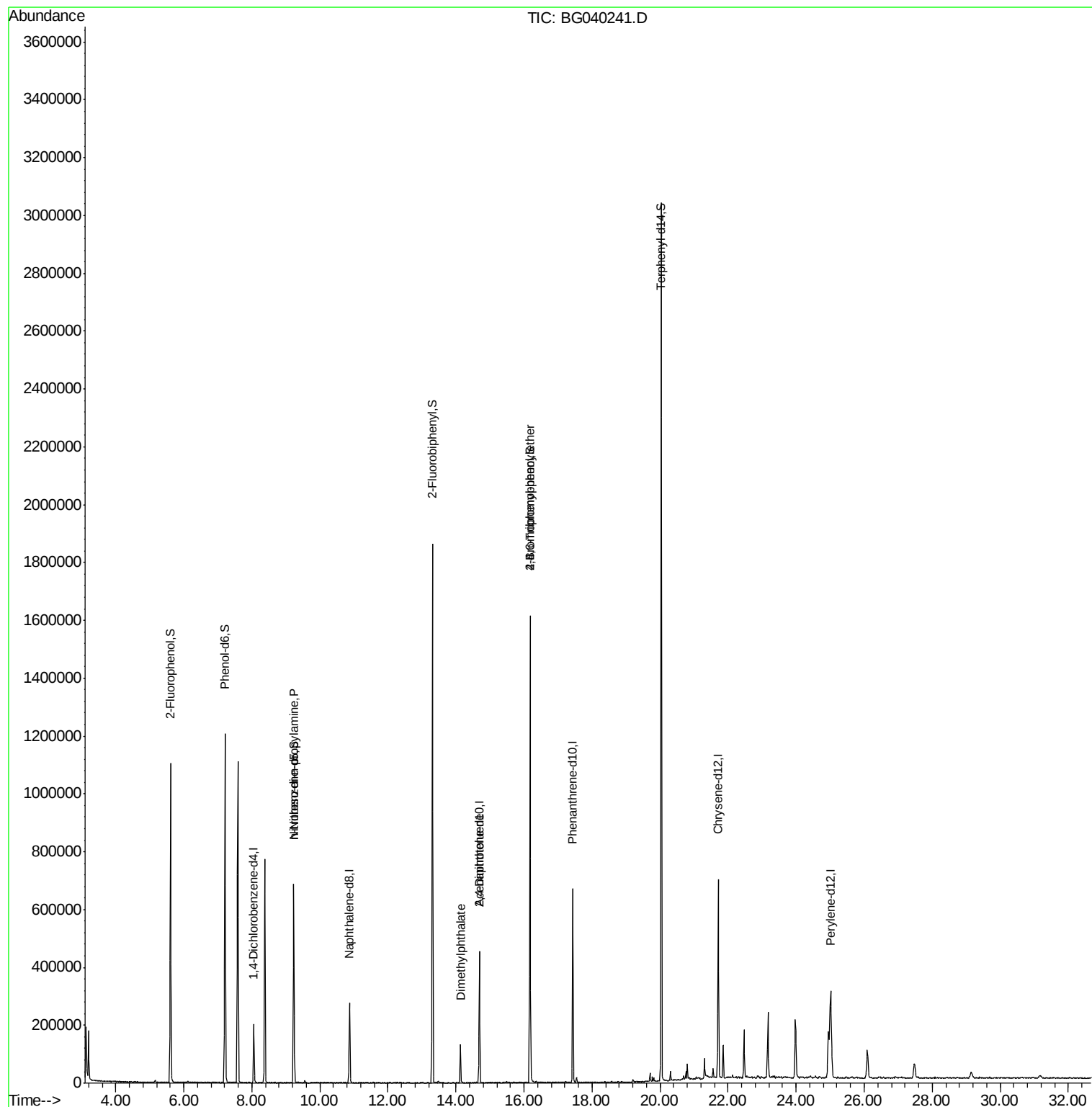
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	55997	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	239417	20.00	ng	-0.01
39) Acenaphthene-d10	14.68	164	161775	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	420709	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	414705	20.00	ng	-0.02
87) Perylene-d12	25.01	264	413275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	489598	145.35	ng	0.00
7) Phenol-d6	7.21	99	709431	152.40	ng	-0.01
23) Nitrobenzene-d5	9.23	82	412450	91.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	287691	164.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	960736	88.00	ng	-0.01
79) Terphenyl-d14	20.04	244	1492610	80.97	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	53826	16.127	ng	# 70
50) Dimethylphthalate	14.13	163	88531	6.992	ng	# 99
57) 2,4-Dinitrotoluene	14.69	165	20650	5.228	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	22288	4.708	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: 8.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BG040241.D

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BNA_G

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S5(17-25)COMP

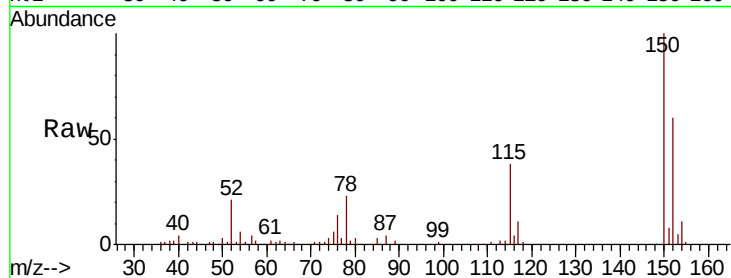
Tgt Ion:152 Resp: 55997

Ion Ratio Lower Upper

152 100

150 167.0 123.7 185.5

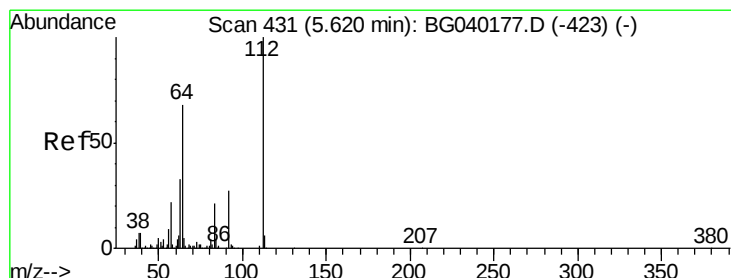
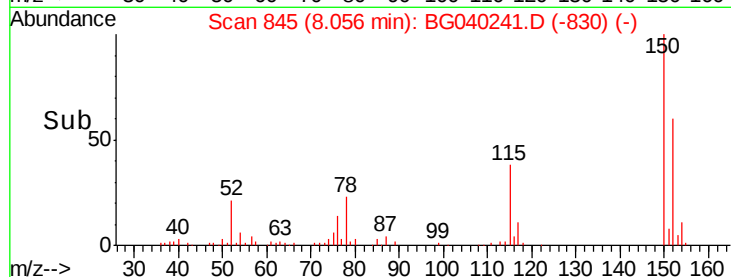
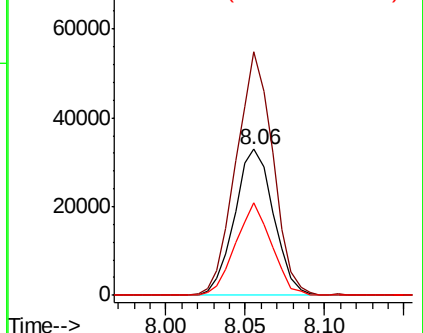
115 63.7 46.9 70.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 145.350 ng

RT: 5.61 min Scan# 429

Delta R.T. -0.01 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

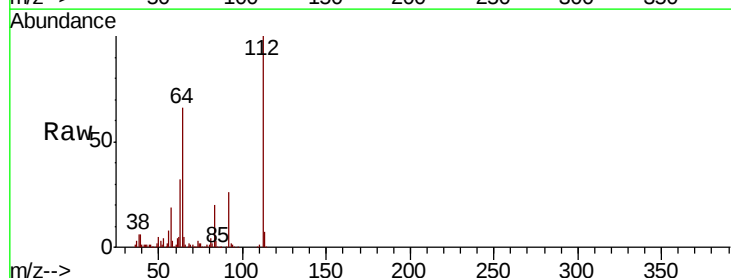
Tgt Ion:112 Resp: 489598

Ion Ratio Lower Upper

112 100

64 65.6 54.2 81.2

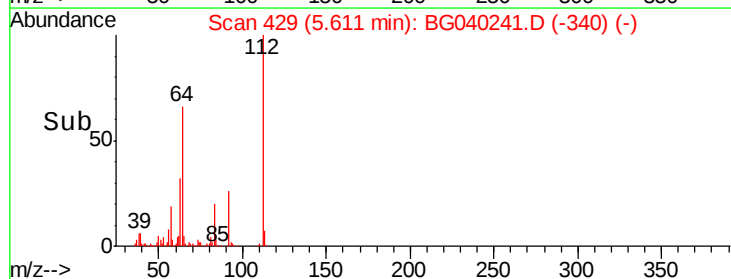
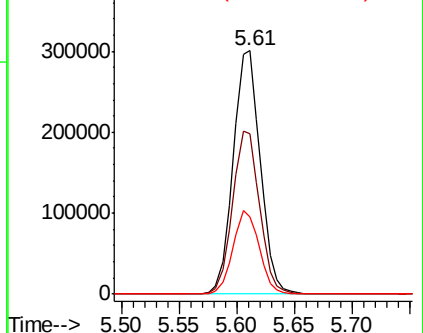
63 31.6 26.4 39.6

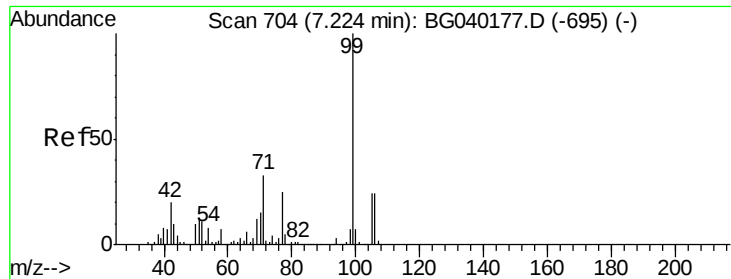


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 152.395 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

Instrument :

BNA_G

ClientSampleId :

S5(17-25)COMP

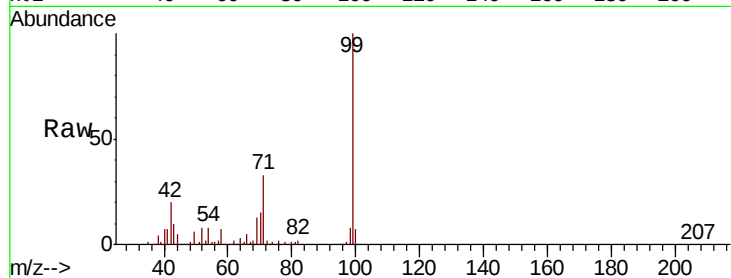
Tgt Ion: 99 Resp: 709431

Ion Ratio Lower Upper

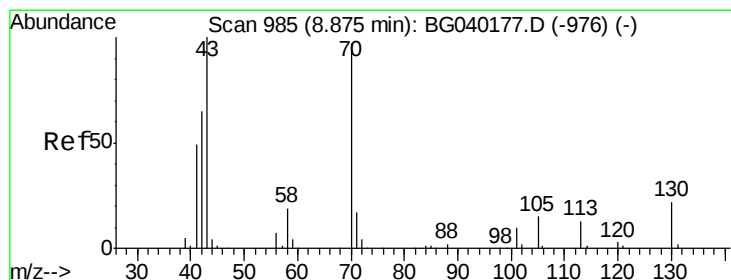
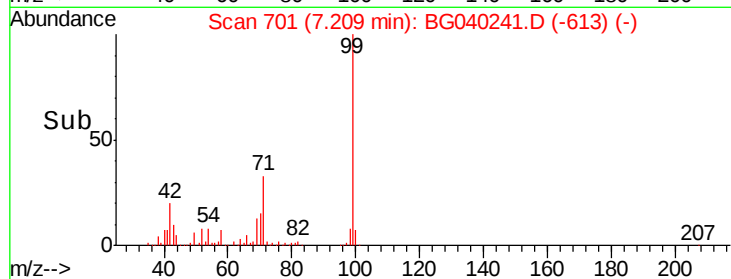
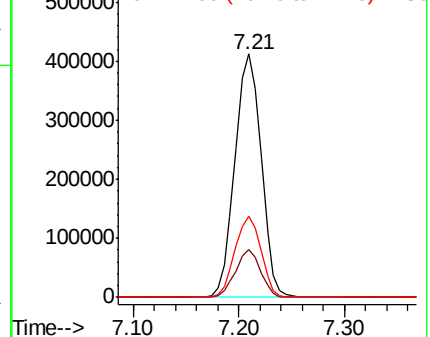
99 100

42 19.7 16.2 24.2

71 33.5 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: 16.127 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

Tgt Ion: 70 Resp: 53826

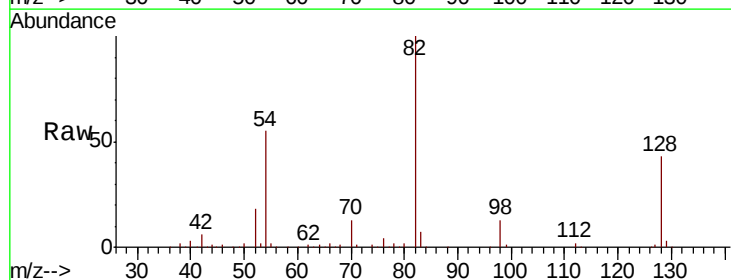
Ion Ratio Lower Upper

70 100

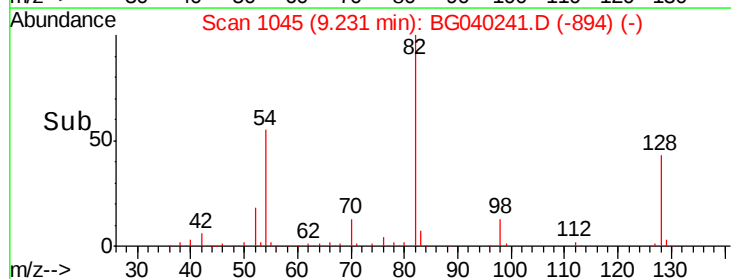
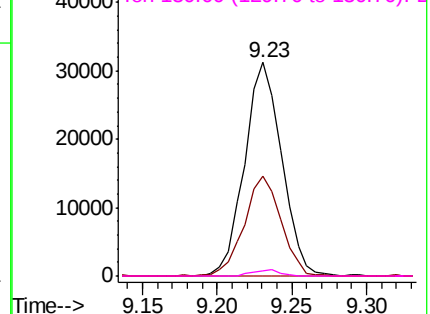
42 46.9 54.0 81.0#

101 0.0 8.6 13.0#

130 2.3 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

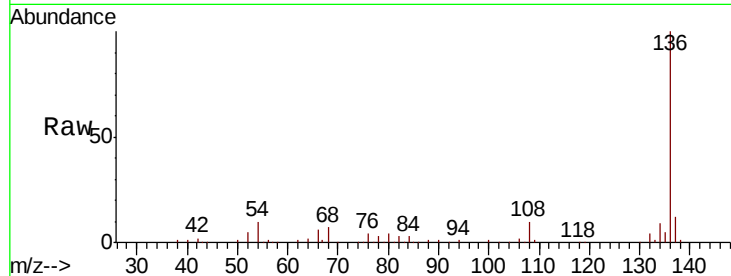




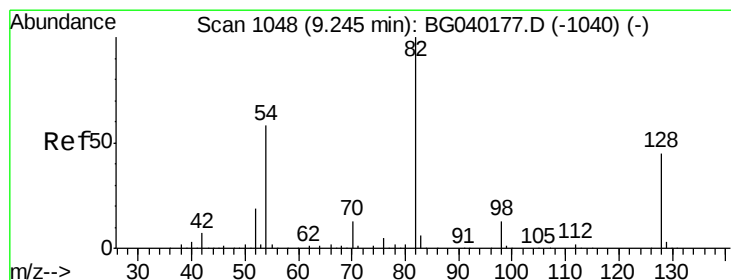
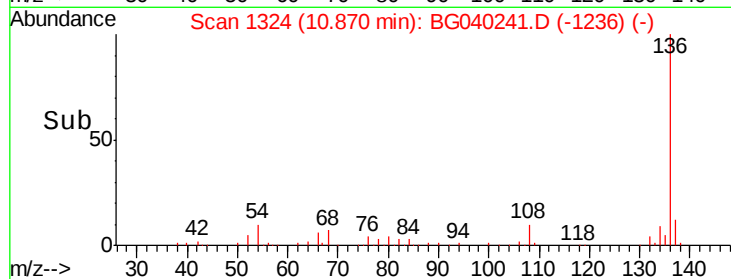
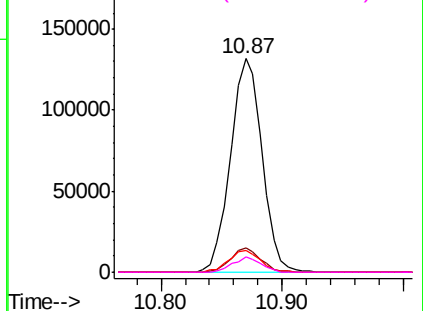
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:	136	Resp:	239417
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	10.0	9.6	14.4
68	7.0	5.1	7.7

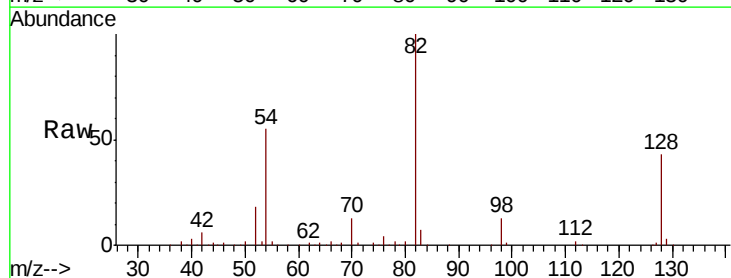


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

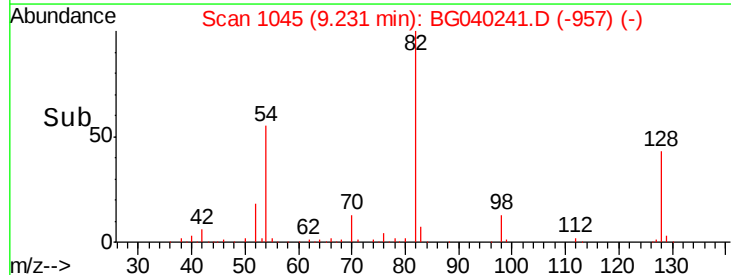
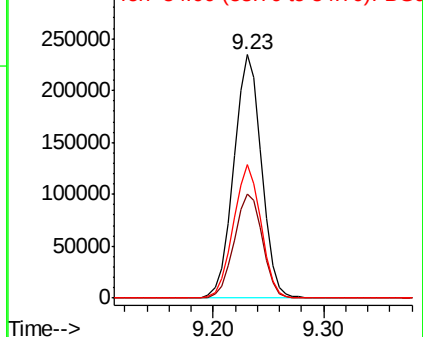


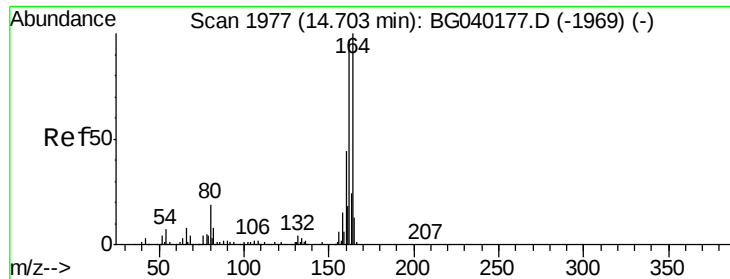
#23
Nitrobenzene-d5
Concen: 91.569 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:	82	Resp:	412450
Ion	Ratio	Lower	Upper
82	100		
128	42.7	35.8	53.8
54	54.9	46.2	69.2



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: 14.68 min Scan# 1973

Delta R.T. -0.02 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

Instrument :

BNA_G

ClientSampleId :

S5(17-25)COMP

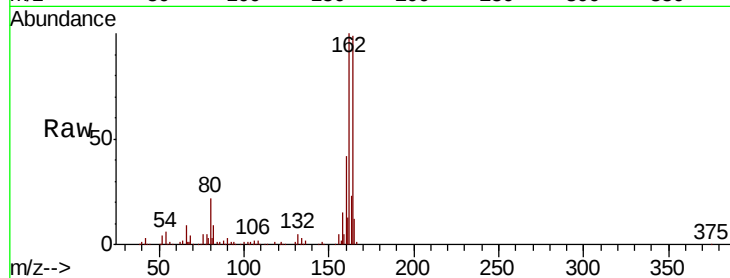
Tgt Ion:164 Resp: 161775

Ion Ratio Lower Upper

164 100

162 100.9 77.4 116.2

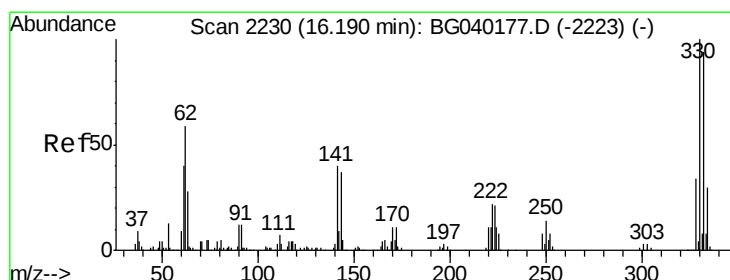
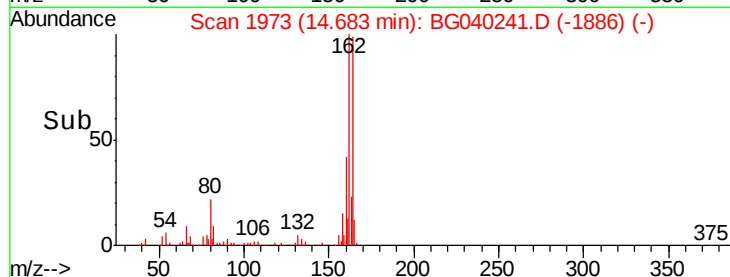
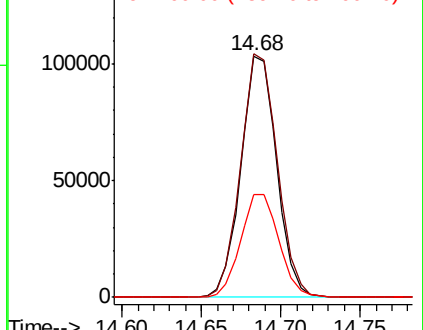
160 42.5 35.3 52.9



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: 164.548 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

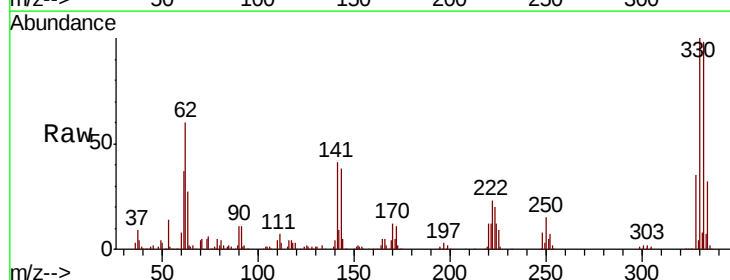
Tgt Ion:330 Resp: 287691

Ion Ratio Lower Upper

330 100

332 97.9 76.6 115.0

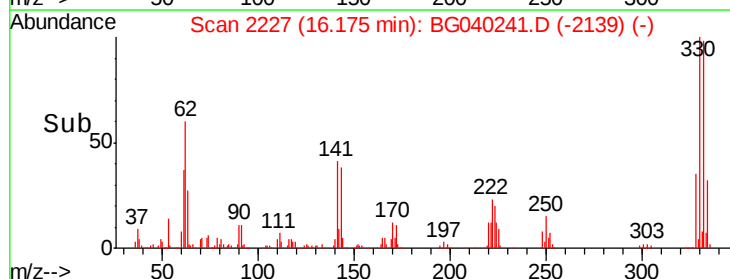
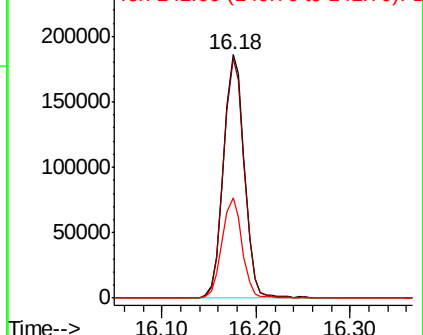
141 39.8 32.6 48.8



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: 87.998 ng

RT: 13.31 min Scan# 1739

Delta R.T. -0.01 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

Instrument :

BNA_G

ClientSampleId :

S5(17-25)COMP

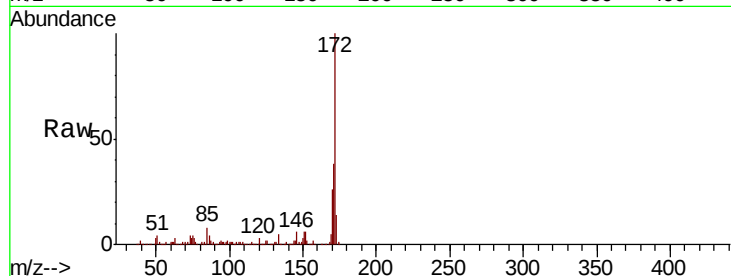
Tgt Ion:172 Resp: 960736

Ion Ratio Lower Upper

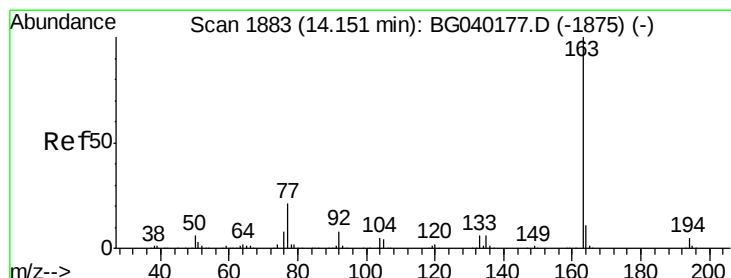
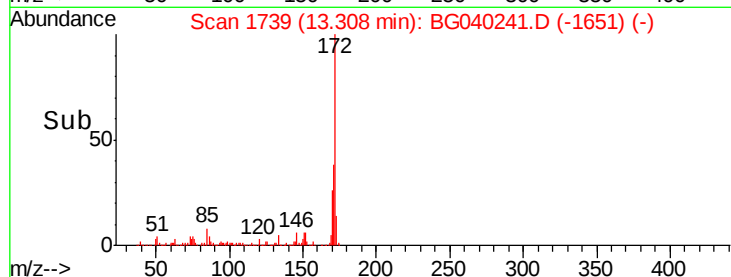
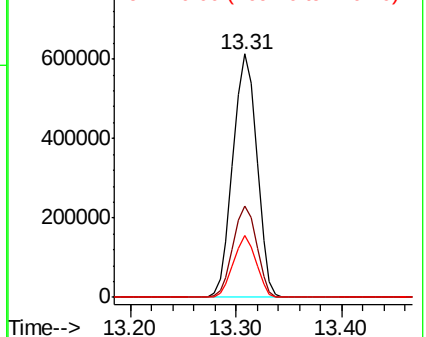
172 100

171 37.7 30.5 45.7

170 25.6 20.1 30.1



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



#50

Dimethylphthalate

Concen: 6.992 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

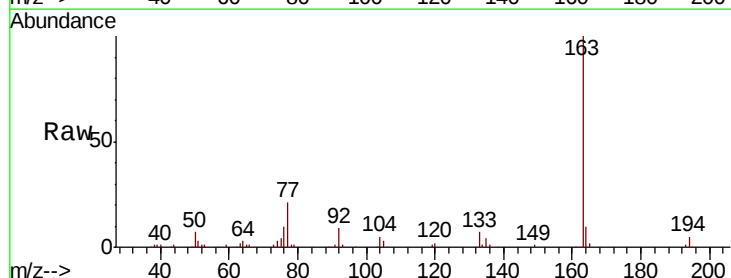
Tgt Ion:163 Resp: 88531

Ion Ratio Lower Upper

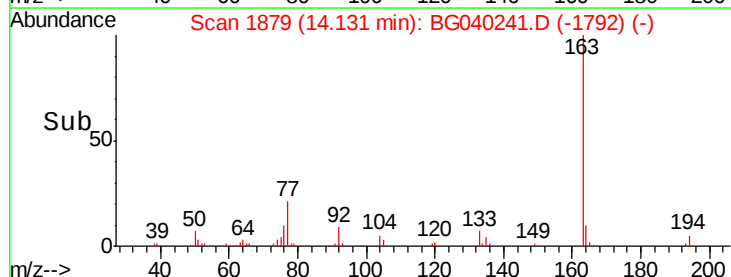
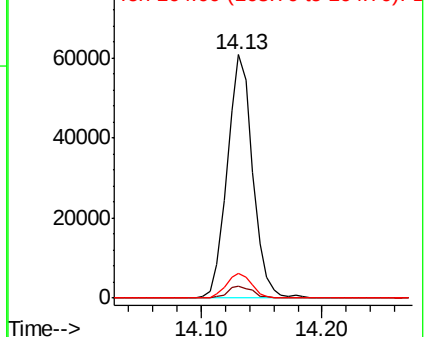
163 100

194 4.8 4.1 6.1

164 10.2 8.6 13.0



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

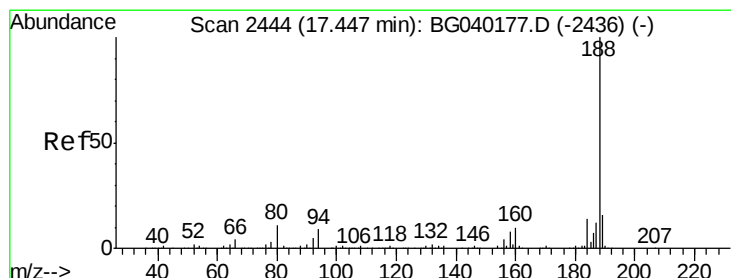
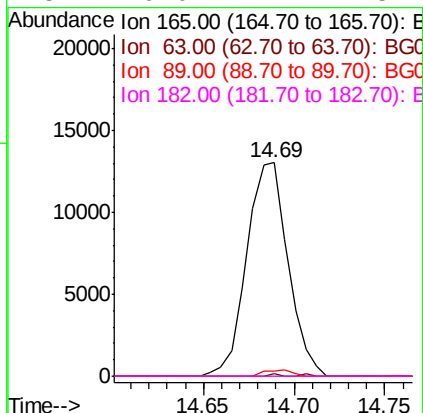
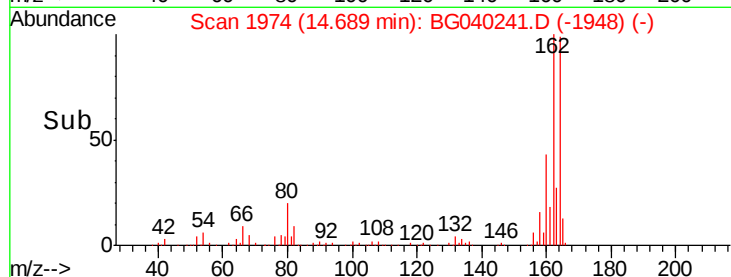
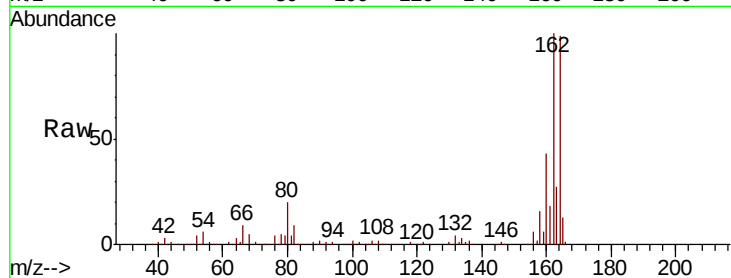




#57
 2,4-Dinitrotoluene
 Concen: 5.228 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040241.D
 Acq: 30 Mar 2019 1:16

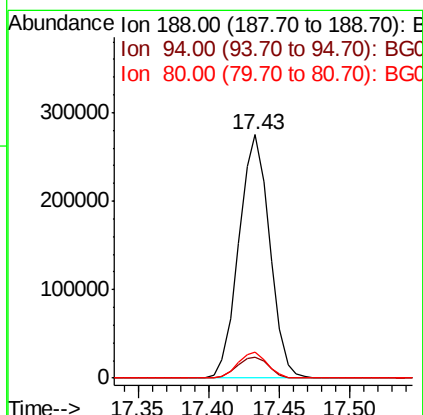
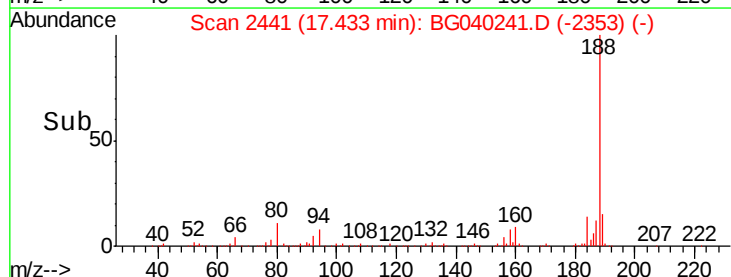
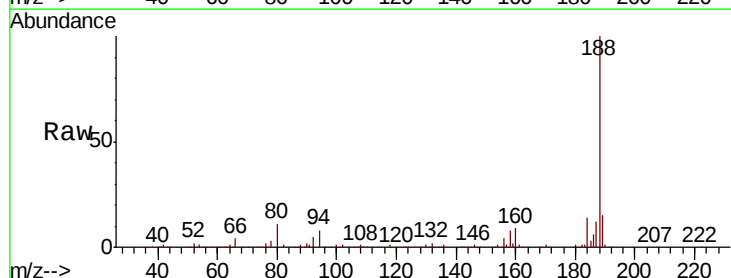
Instrument :
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Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	33.8	50.6#
89	2.1	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG040241.D
 Acq: 30 Mar 2019 1:16

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.0	10.4
80	10.6	8.6	13.0

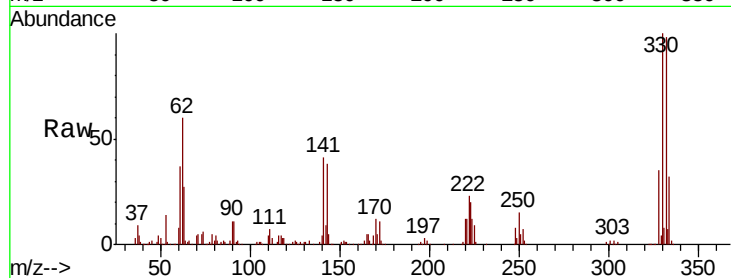




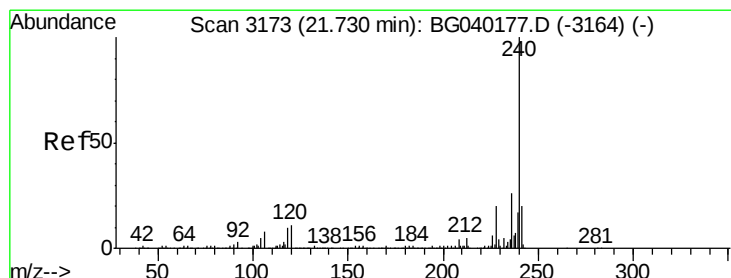
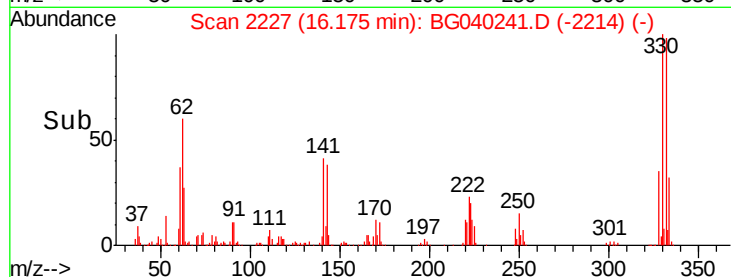
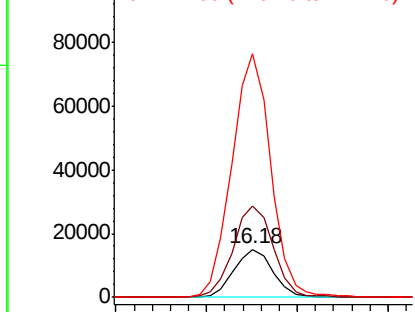
#67
4-Bromophenyl-phenylether
Concen: 4.708 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Instrument :
BNA_G
ClientSampleId :
S5(17-25)COMP

Tgt Ion:248 Resp: 22288
Ion Ratio Lower Upper
248 100
250 190.2 76.4 114.6#
141 504.3 53.8 80.8#

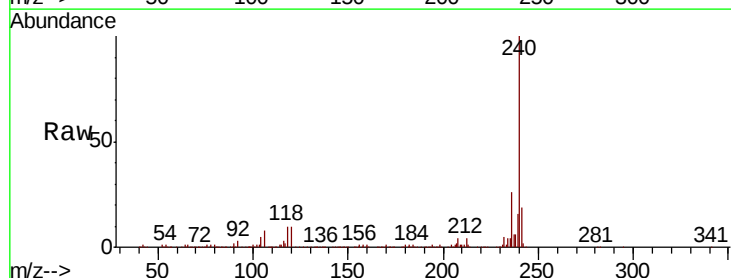


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

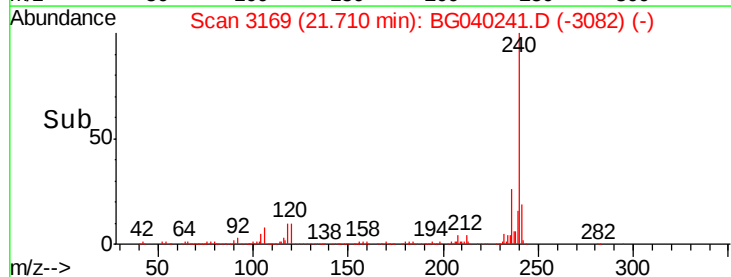
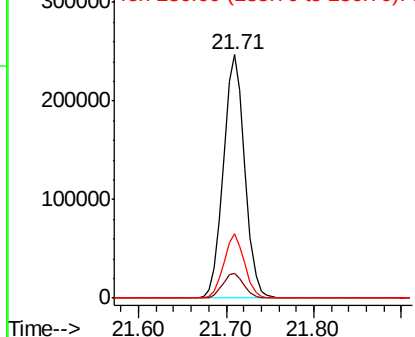


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040241.D
Acq: 30 Mar 2019 1:16

Tgt Ion:240 Resp: 414705
Ion Ratio Lower Upper
240 100
120 10.3 8.4 12.6
236 26.3 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: 80.970 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

Instrument :

BNA_G

ClientSampleId :

S5(17-25)COMP

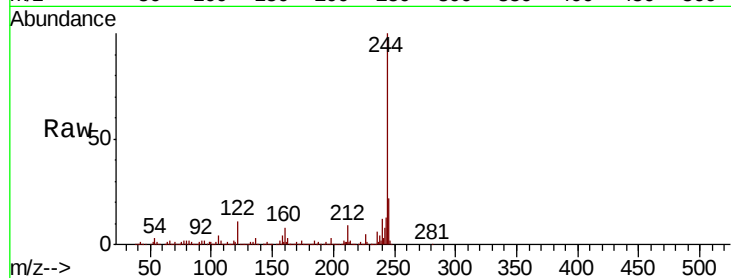
Tgt Ion:244 Resp: 1492610

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

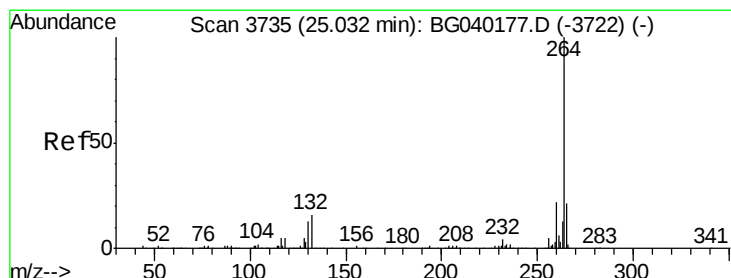
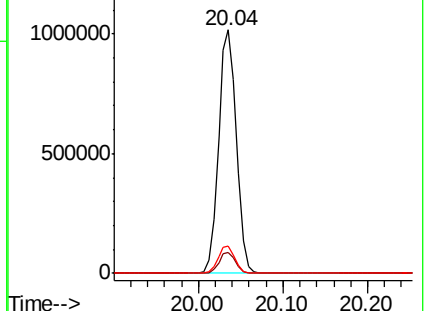
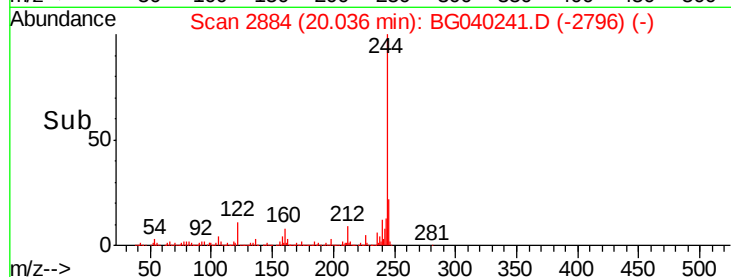
122 11.4 8.5 12.7



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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040241.D

Acq: 30 Mar 2019 1:16

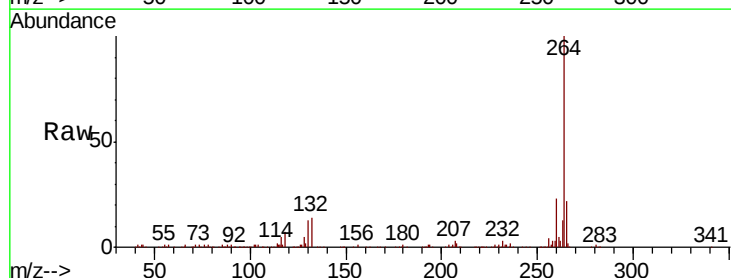
Tgt Ion:264 Resp: 413275

Ion Ratio Lower Upper

264 100

260 23.4 17.9 26.9

265 22.5 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

