

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG031919\
 Data File : BG040024.D
 Acq On : 20 Mar 2019 5:16
 Operator : JU/SJ
 Sample : PB117977TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117977TB

Quant Time: Mar 20 06:59:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

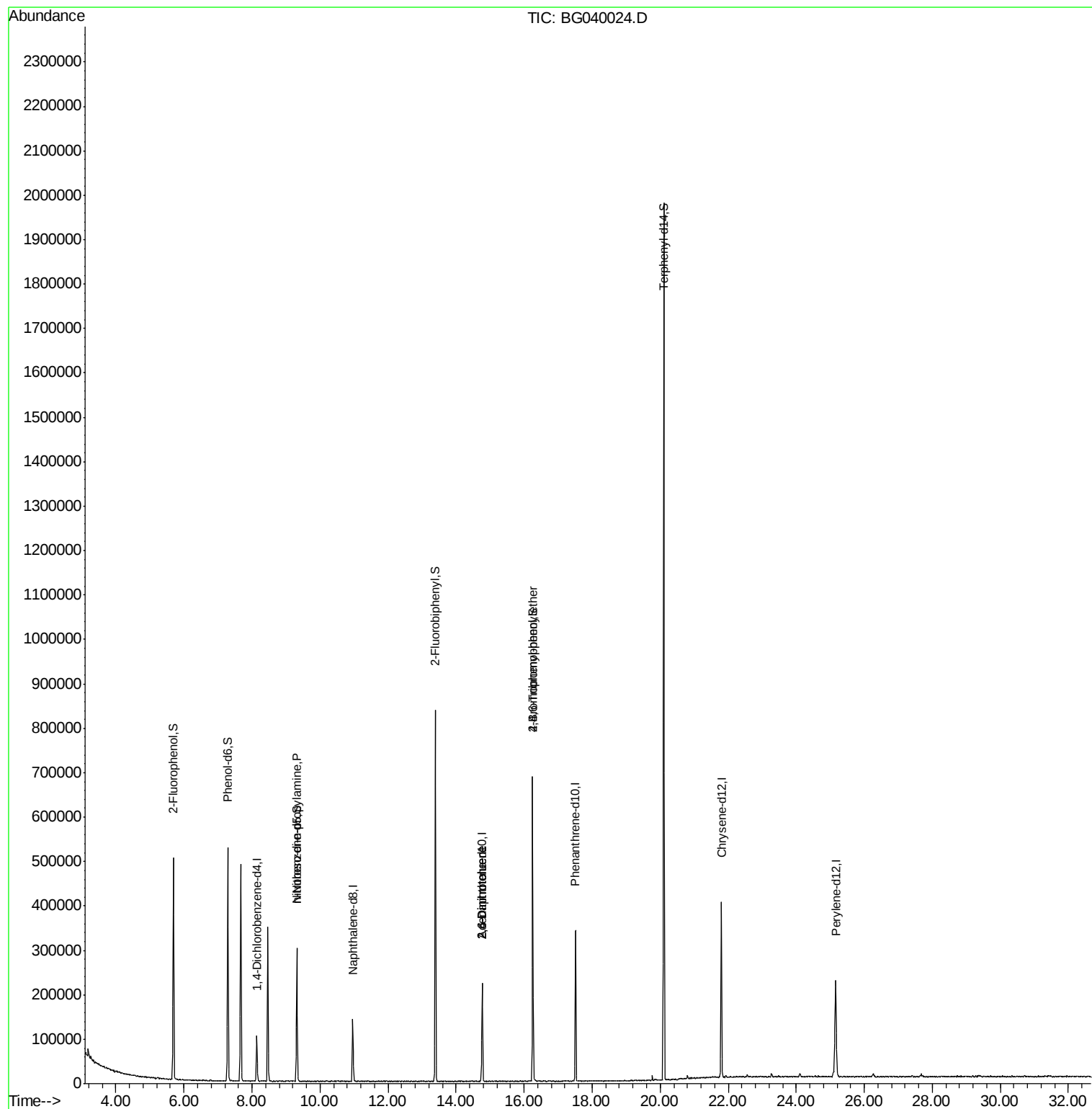
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	27788	20.00	ng	-0.03
21) Naphthalene-d8	10.97	136	119102	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	80090	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	215183	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	248400	20.00	ng	-0.03
87) Perylene-d12	25.16	264	239140	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	204477	125.54	ng	-0.02
7) Phenol-d6	7.29	99	287591	118.41	ng	-0.02
23) Nitrobenzene-d5	9.32	82	174705	79.33	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	111570	119.52	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	432832	76.95	ng	-0.02
79) Terphenyl-d14	20.11	244	879950	78.00	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.32	70	22046	12.611	ng	# 75
51) 2,6-Dinitrotoluene	14.77	165	10247	7.218	ng	# 22
57) 2,4-Dinitrotoluene	14.77	165	10247	5.137	ng	# 17
67) 4-Bromophenyl-phenylether	16.25	248	8340	3.463	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. -0.03 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

Instrument :

BNA_G

ClientSampleId :

PB117977TB

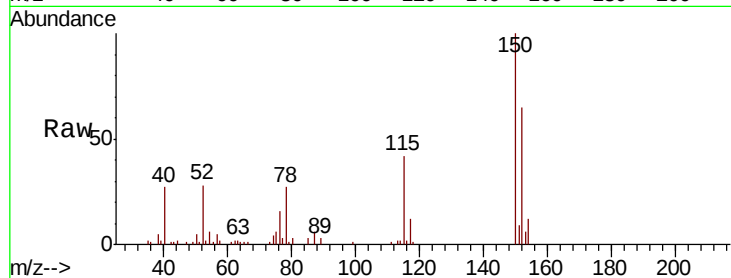
Tgt Ion:152 Resp: 27788

Ion Ratio Lower Upper

152 100

150 154.0 123.7 185.5

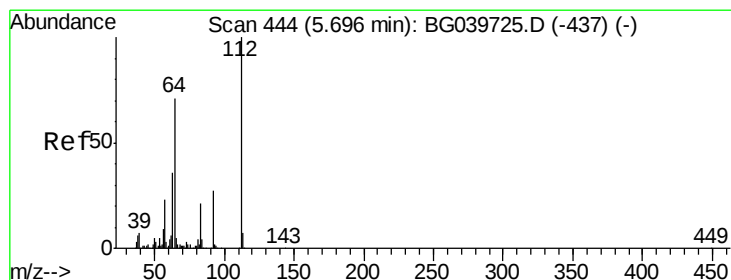
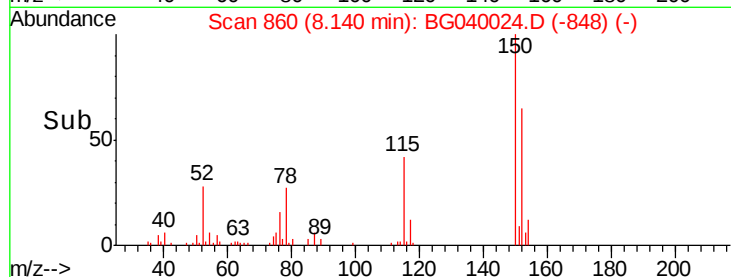
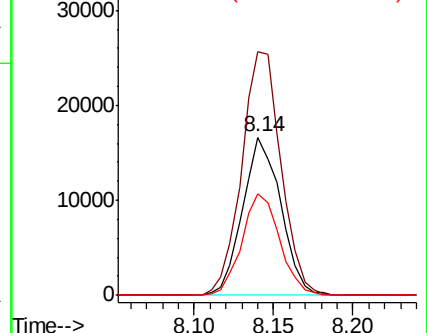
115 64.2 45.9 68.9



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: 125.536 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

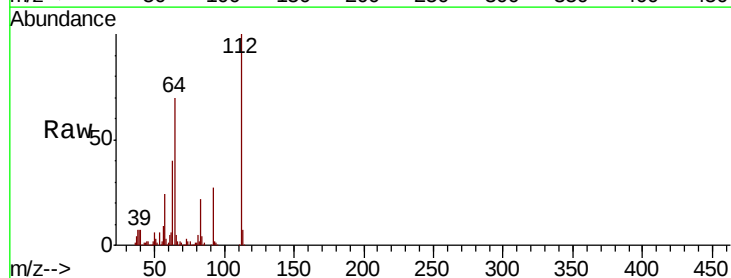
Tgt Ion:112 Resp: 204477

Ion Ratio Lower Upper

112 100

64 69.7 57.8 86.8

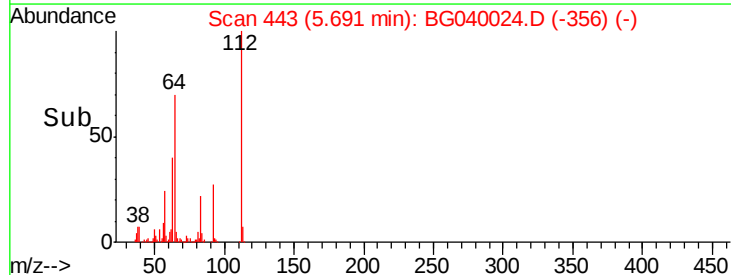
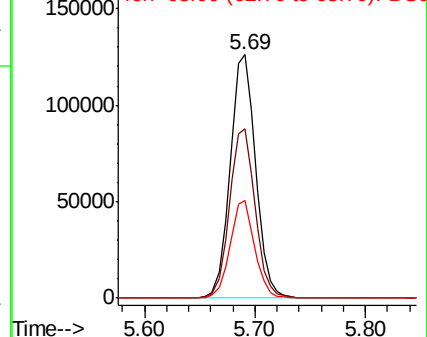
63 40.2 29.8 44.6



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: 118.414 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.02 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

Instrument :

BNA_G

ClientSampleId :

PB117977TB

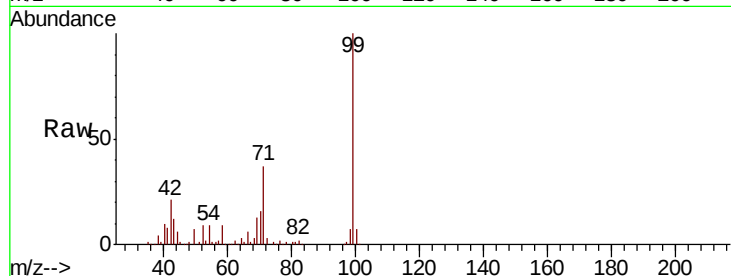
Tgt Ion: 99 Resp: 287591

Ion Ratio Lower Upper

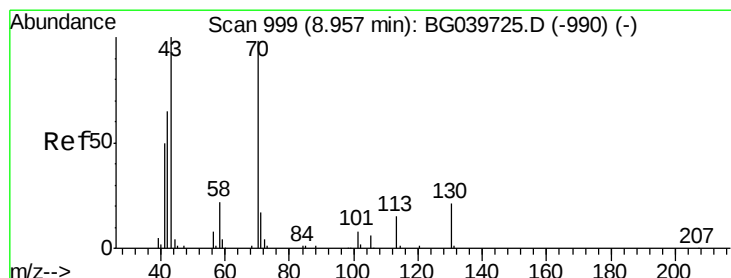
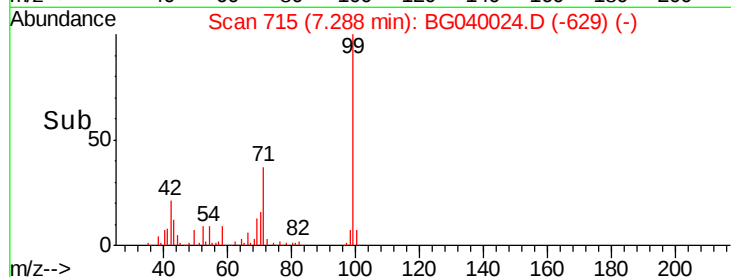
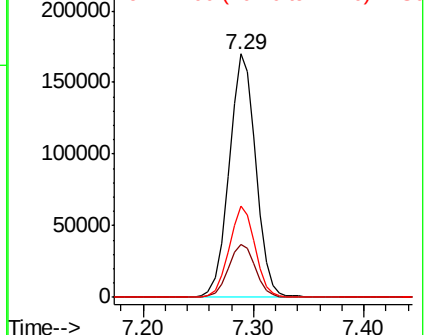
99 100

42 21.5 18.2 27.2

71 37.4 28.0 42.0



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: 12.611 ng

RT: 9.32 min Scan# 1061

Delta R.T. 0.35 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

Tgt Ion: 70 Resp: 22046

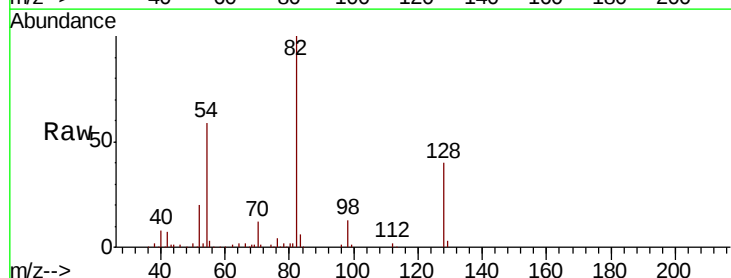
Ion Ratio Lower Upper

70 100

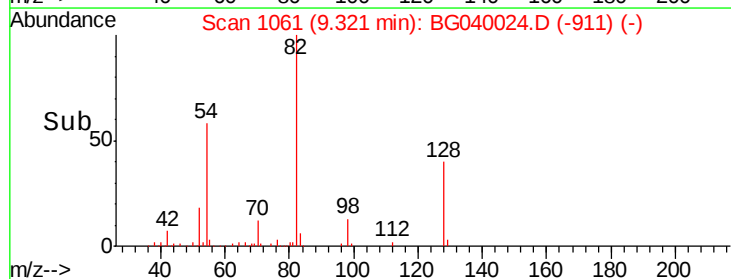
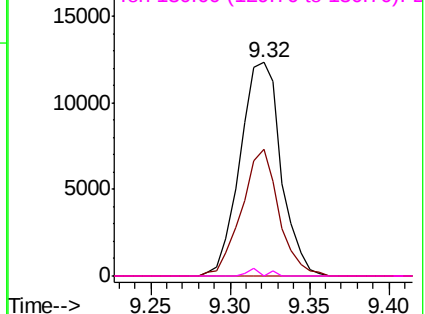
42 59.3 60.4 90.6#

101 0.0 7.5 11.3#

130 0.0 16.9 25.3#



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

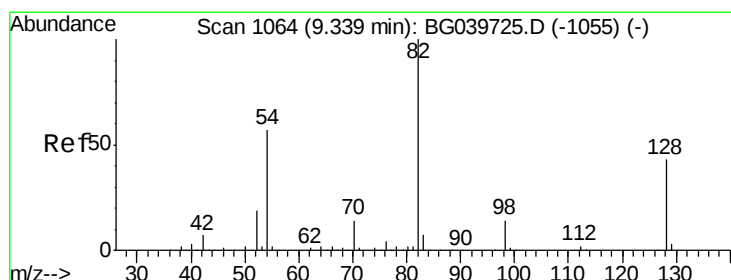
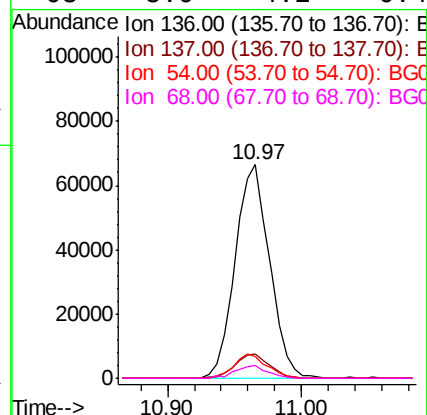
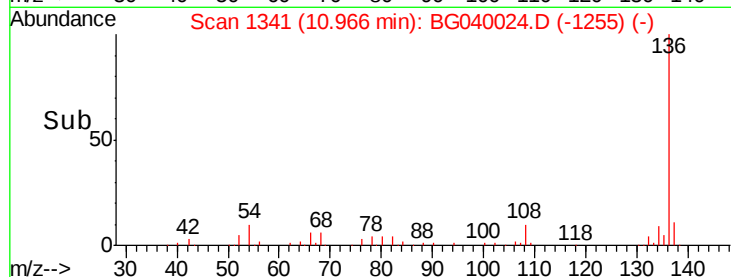
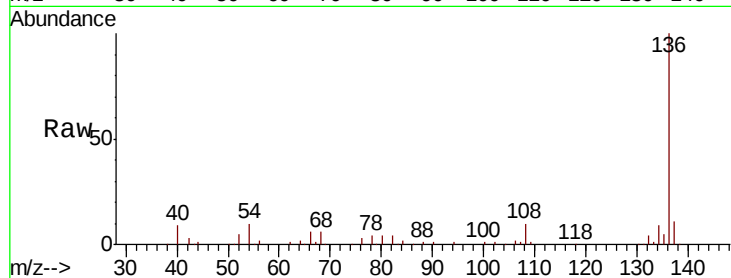




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG040024.D
Acq: 20 Mar 2019 5:16

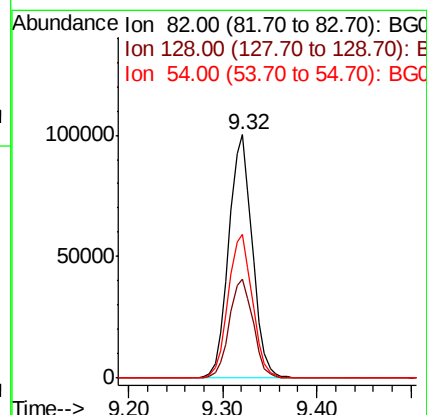
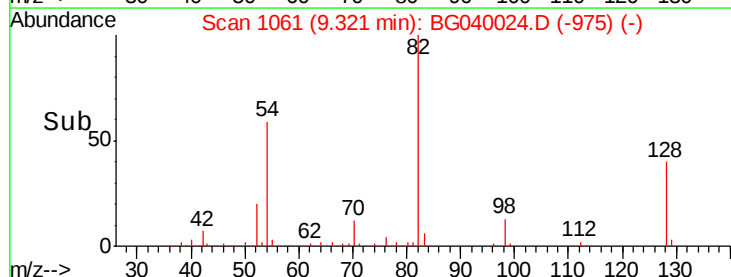
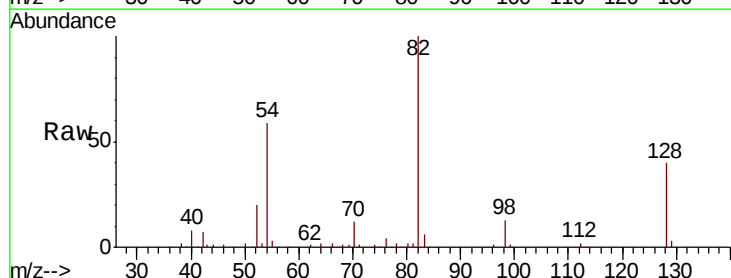
Instrument :
BNA_G
ClientSampleId :
PB117977TB

Tgt Ion:	136	Resp:	119102
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	10.4	9.4	14.2
68	5.9	4.2	6.4



#23
Nitrobenzene-d5
Concen: 79.333 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG040024.D
Acq: 20 Mar 2019 5:16

Tgt Ion:	82	Resp:	174705
Ion	Ratio	Lower	Upper
82	100		
128	40.5	31.3	46.9
54	58.9	50.9	76.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1989

Delta R.T. -0.02 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

Instrument :

BNA_G

ClientSampleId :

PB117977TB

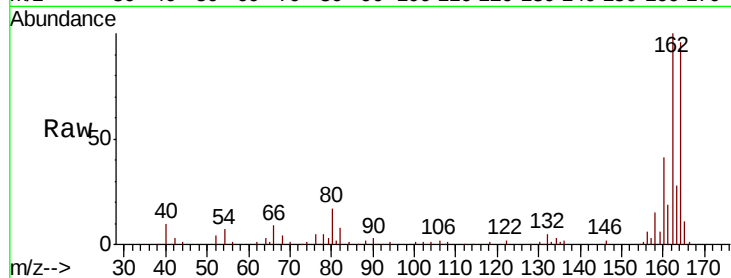
Tgt Ion:164 Resp: 80090

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

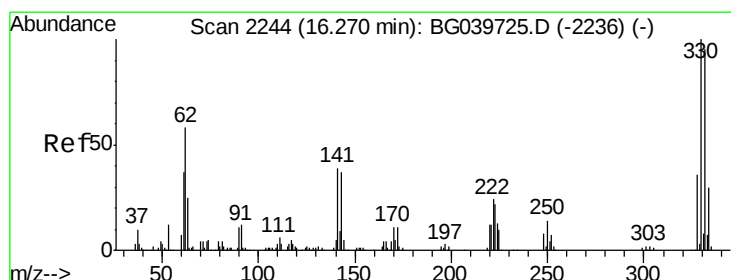
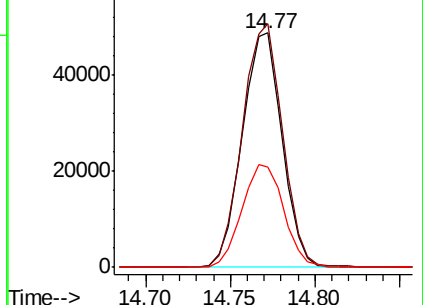
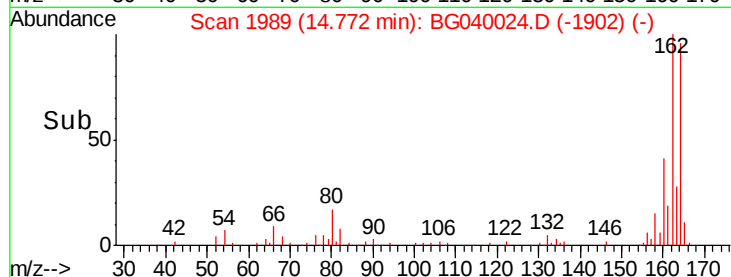
160 42.9 34.2 51.2



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: 119.517 ng

RT: 16.25 min Scan# 2241

Delta R.T. -0.02 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

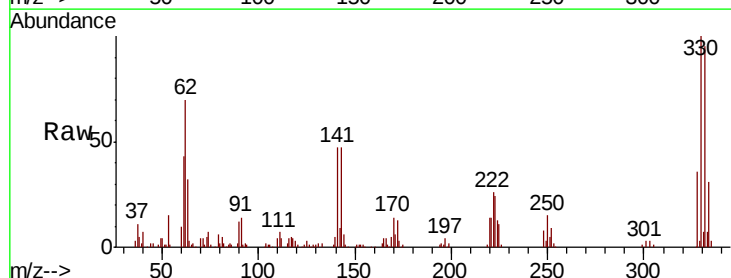
Tgt Ion:330 Resp: 111570

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

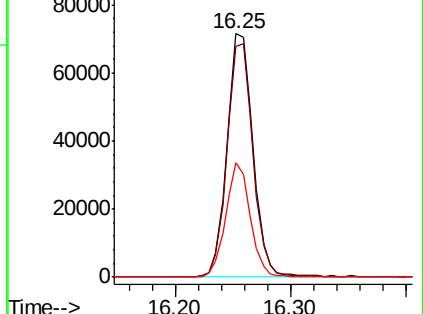
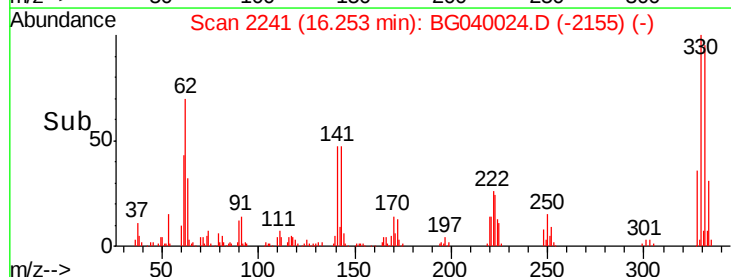
141 44.3 35.6 53.4



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

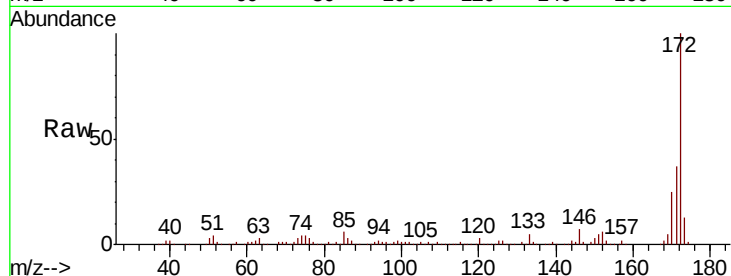




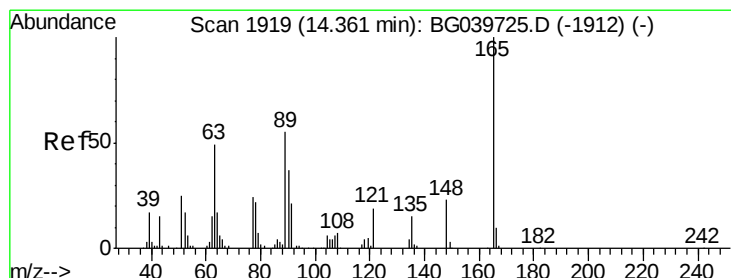
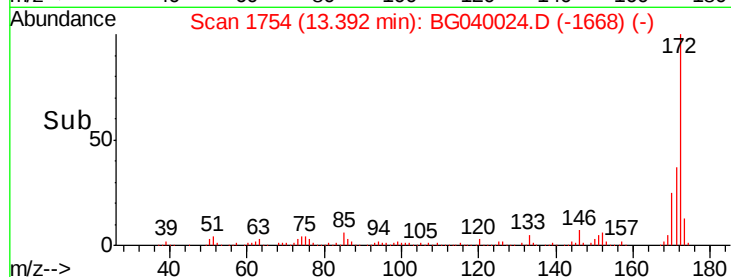
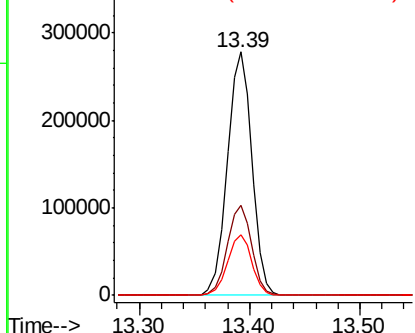
#45
 2-Fluorobiphenyl
 Concen: 76.948 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG040024.D
 Acq: 20 Mar 2019 5:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117977TB

Tgt Ion:172 Resp: 432832
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.0 20.2 30.4

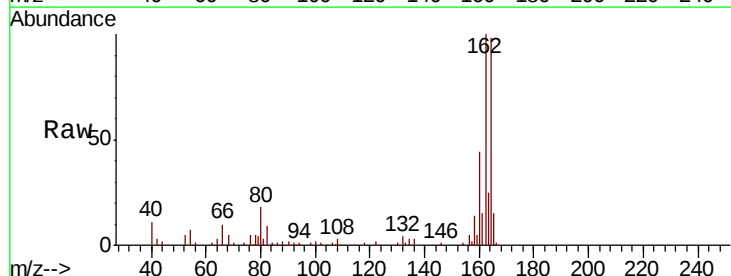


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

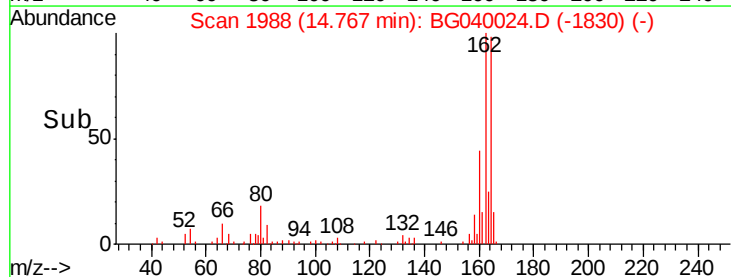
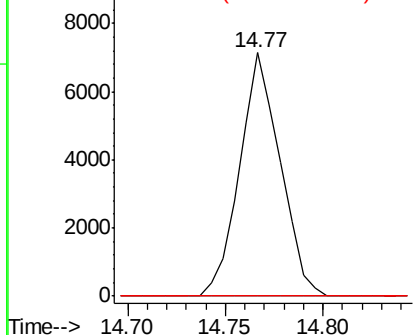


#51
 2,6-Dinitrotoluene
 Concen: 7.218 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. 0.40 min
 Lab File: BG040024.D
 Acq: 20 Mar 2019 5:16

Tgt Ion:165 Resp: 10247
 Ion Ratio Lower Upper
 165 100
 63 0.0 47.0 70.6#
 89 0.0 45.8 68.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

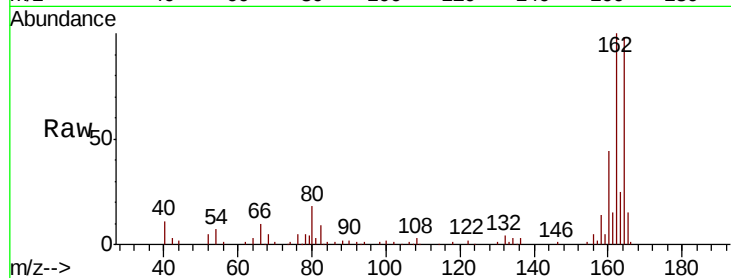




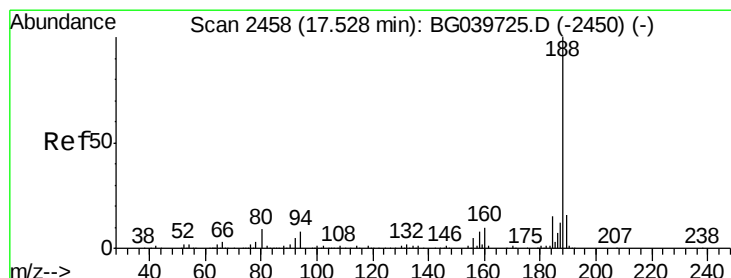
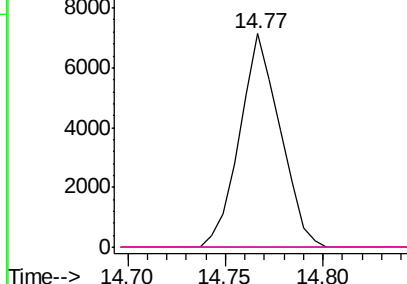
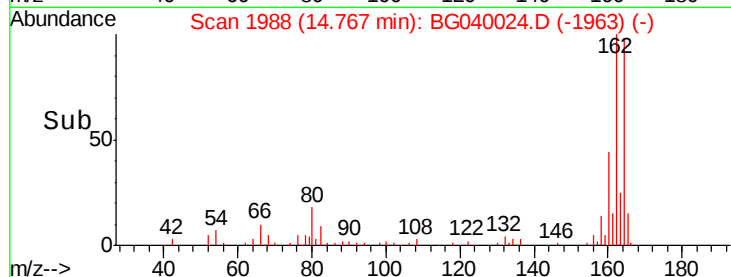
#57
 2,4-Dinitrotoluene
 Concen: 5.137 ng
 RT: 14.77 min Scan# 1988
 Delta R.T. -0.38 min
 Lab File: BG040024.D
 Acq: 20 Mar 2019 5:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117977TB

Tgt Ion:	165	Resp:	10247
Ion	Ratio	Lower	Upper
165	100		
63	0.0	41.0	61.6#
89	0.0	64.6	96.8#
182	0.0	2.0	3.0#

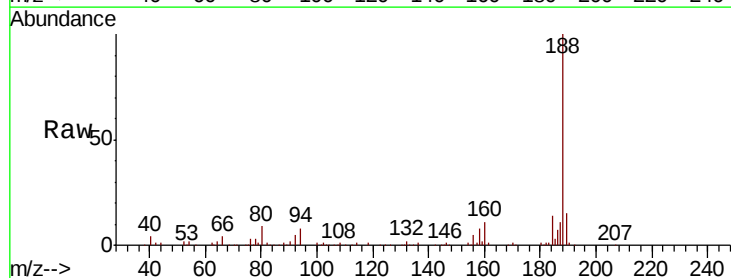


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

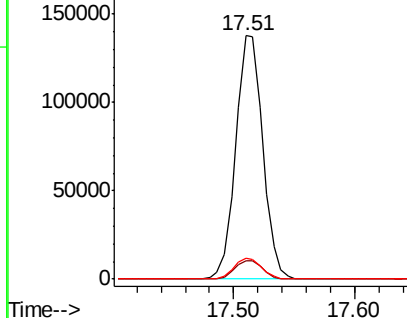
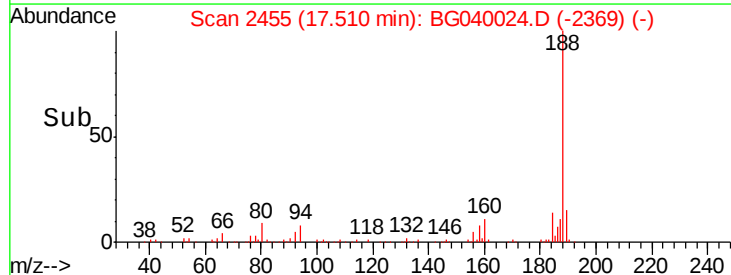


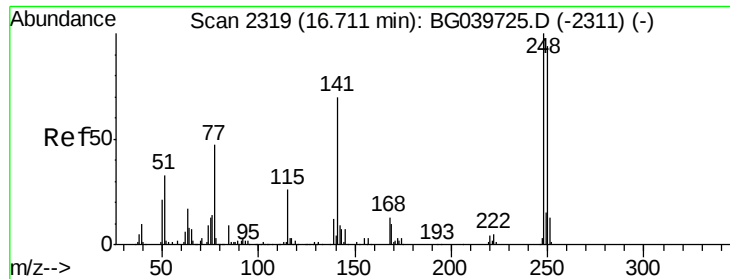
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.02 min
 Lab File: BG040024.D
 Acq: 20 Mar 2019 5:16

Tgt Ion:	188	Resp:	215183
Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.6	8.1	12.1



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

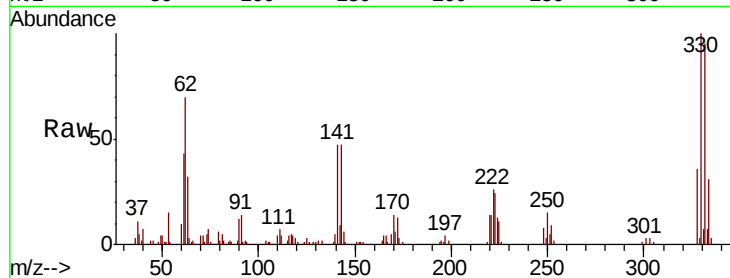




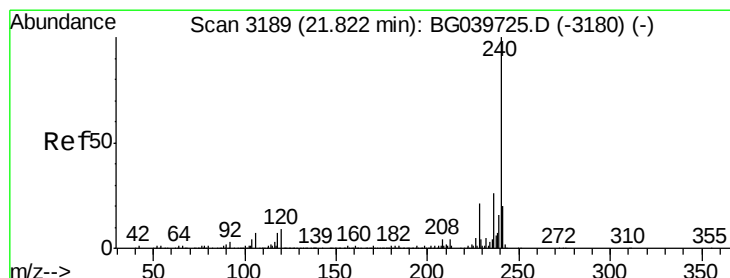
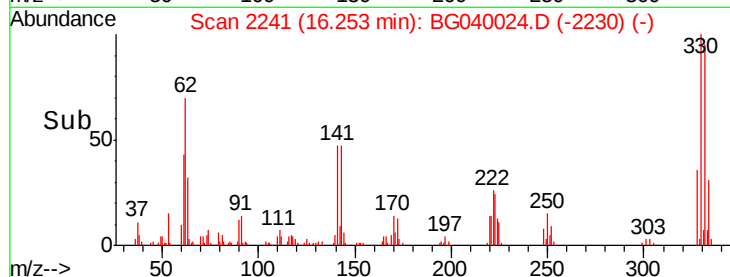
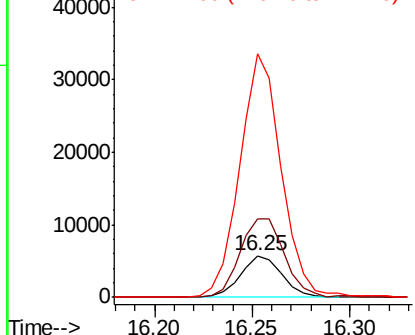
#67
 4-Bromophenyl-phenylether
 Concen: 3.463 ng
 RT: 16.25 min Scan# 2241
 Delta R.T. -0.46 min
 Lab File: BG040024.D
 Acq: 20 Mar 2019 5:16

Instrument :
 BNA_G
 ClientSampleId :
 PB117977TB

Tgt Ion:248 Resp: 8340
 Ion Ratio Lower Upper
 248 100
 250 187.6 77.6 116.4#
 141 580.4 63.9 95.9#

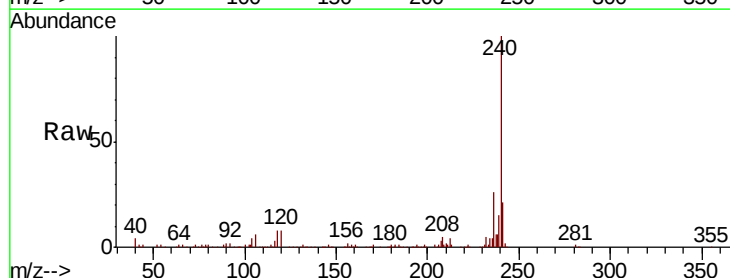


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

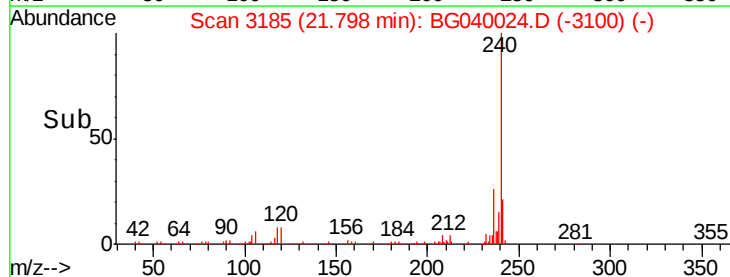
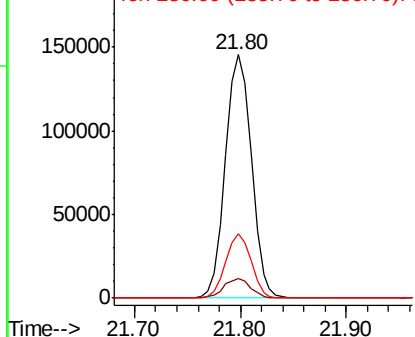


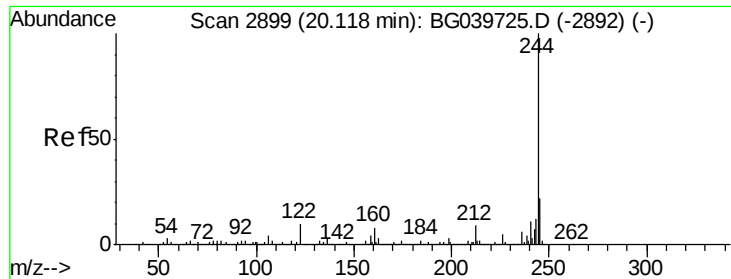
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3185
 Delta R.T. -0.03 min
 Lab File: BG040024.D
 Acq: 20 Mar 2019 5:16

Tgt Ion:240 Resp: 248400
 Ion Ratio Lower Upper
 240 100
 120 7.9 7.0 10.6
 236 26.4 21.0 31.4



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: 77.998 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG040024.D

Acq: 20 Mar 2019 5:16

Instrument :

BNA_G

ClientSampleId :

PB117977TB

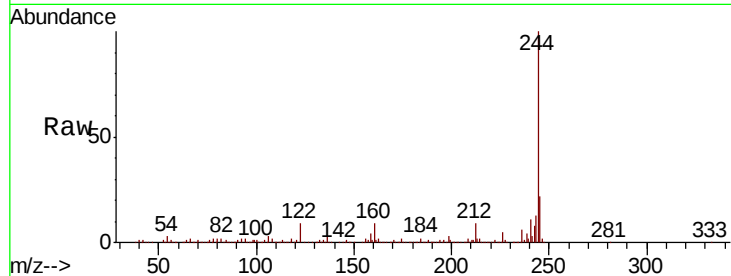
Tgt Ion:244 Resp: 879950

Ion Ratio Lower Upper

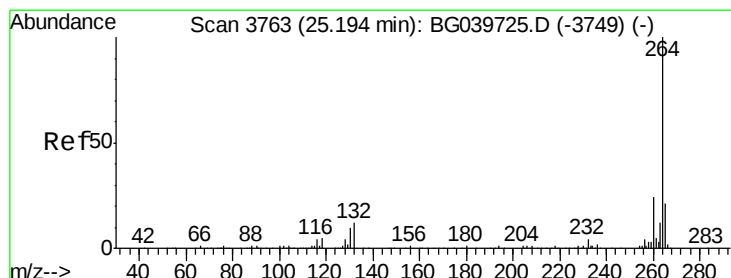
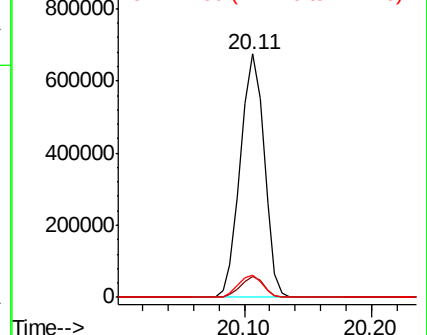
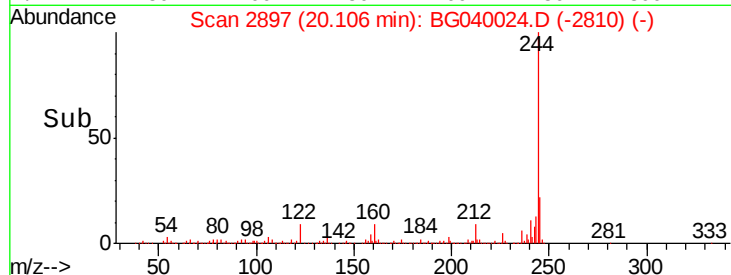
244 100

212 8.8 7.3 10.9

122 9.1 8.4 12.6



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: BG040024.D

Acq: 20 Mar 2019 5:16

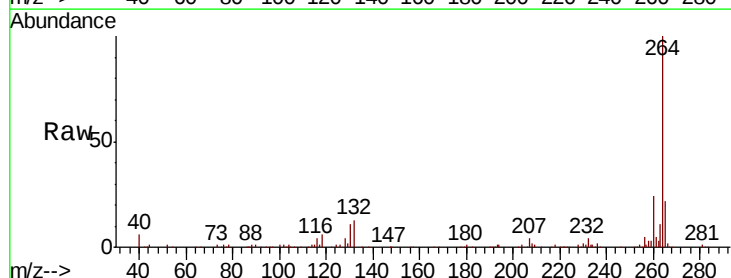
Tgt Ion:264 Resp: 239140

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.6 18.5 27.7



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

