

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032819\
 Data File : BG040213.D
 Acq On : 29 Mar 2019 00:24
 Operator : JU/SJ
 Sample : PB118375BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BL

Quant Time: Mar 29 05:48:43 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

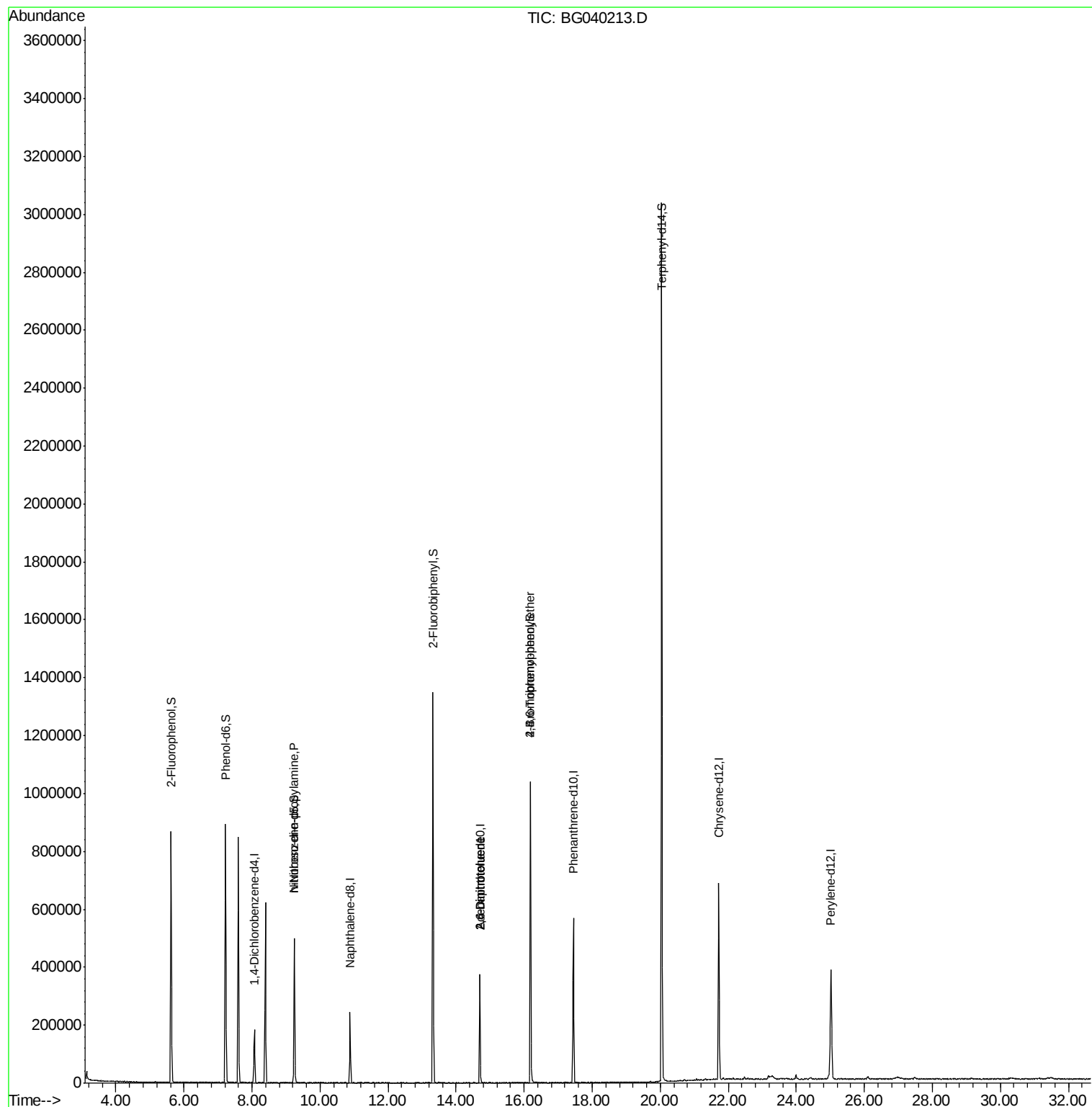
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	51191	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	209846	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	133520	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	354356	20.00	ng	0.00
76) Chrysene-d12	21.72	240	404177	20.00	ng	0.00
87) Perylene-d12	25.03	264	404540	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	385141	125.07	ng	0.00
7) Phenol-d6	7.22	99	530113	124.57	ng	0.00
23) Nitrobenzene-d5	9.24	82	301261	76.31	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	190520	132.03	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	727837	80.77	ng	0.00
79) Terphenyl-d14	20.04	244	1358414	75.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	39684	13.006	ng	# 68
51) 2,6-Dinitrotoluene	14.70	165	17084	7.281	ng	# 25
57) 2,4-Dinitrotoluene	14.70	165	17084	5.240	ng	# 25
67) 4-Bromophenyl-phenylether	16.19	248	14636	3.670	ng	# 1

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

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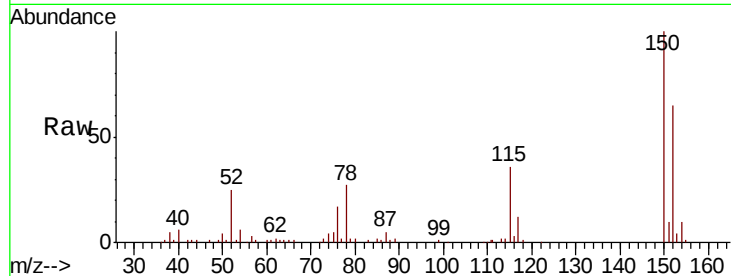




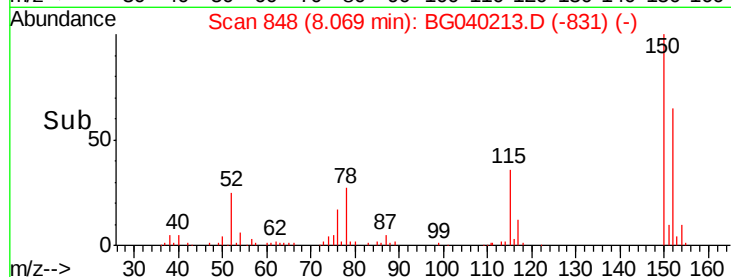
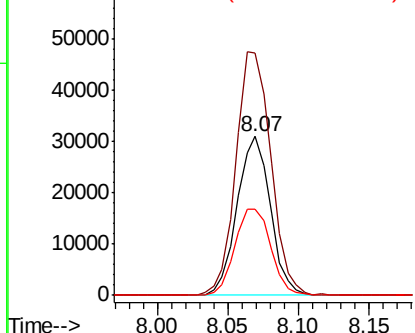
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.07 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BL

Tgt Ion:152 Resp: 51191
 Ion Ratio Lower Upper
 152 100
 150 152.8 123.7 185.5
 115 54.3 46.9 70.3

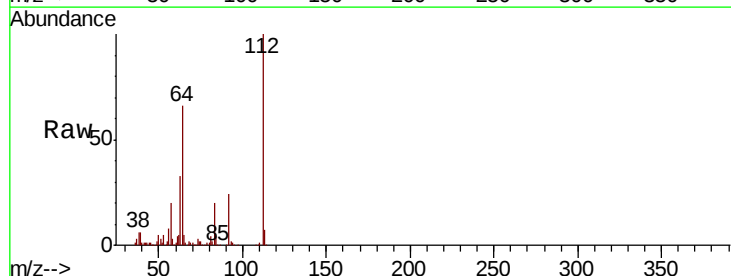


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

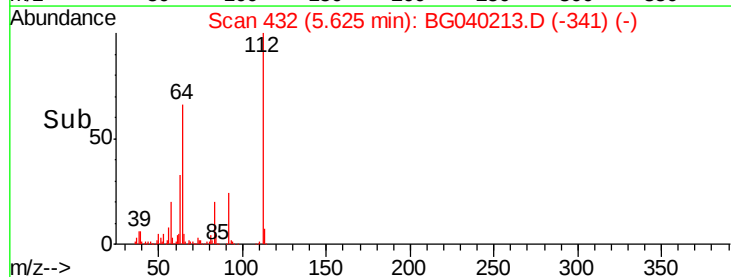
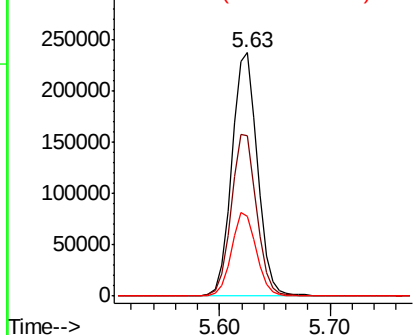


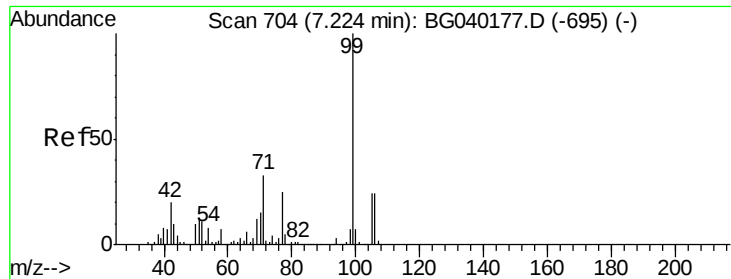
#5
 2-Fluorophenol
 Concen: 125.073 ng
 RT: 5.63 min Scan# 432
 Delta R.T. 0.01 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Tgt Ion:112 Resp: 385141
 Ion Ratio Lower Upper
 112 100
 64 66.0 54.2 81.2
 63 32.5 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: 124.566 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.00 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

BNA_G

ClientSampleId :

PB118375BL

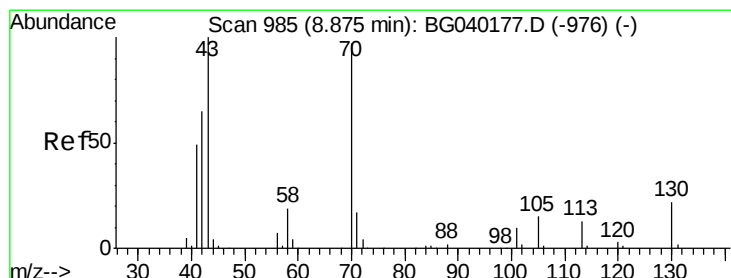
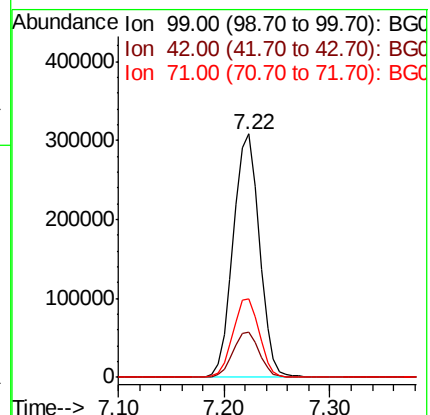
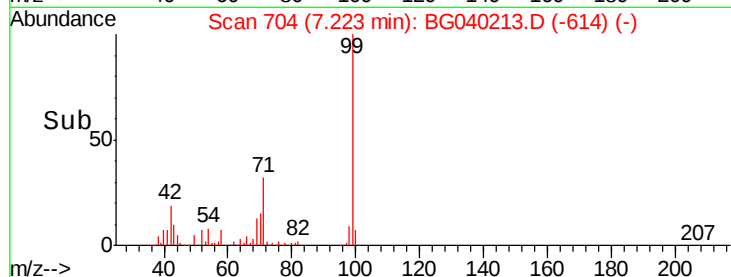
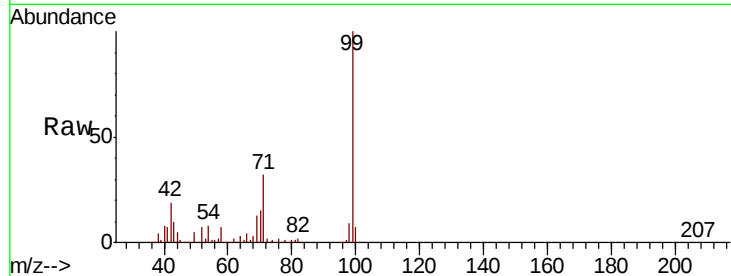
Tgt Ion: 99 Resp: 530113

Ion Ratio Lower Upper

99 100

42 18.8 16.2 24.2

71 32.2 26.8 40.2



#19

n-Nitroso-di-n-propylamine

Concen: 13.006 ng

RT: 9.24 min Scan# 1048

Delta R.T. 0.37 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Tgt Ion: 70 Resp: 39684

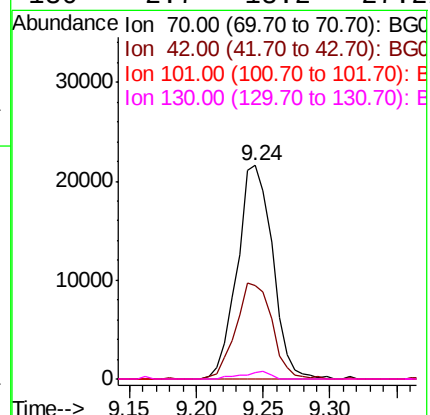
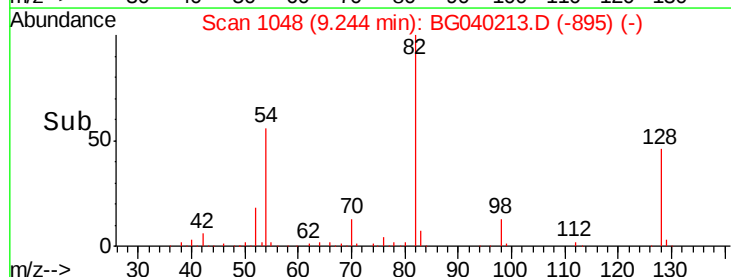
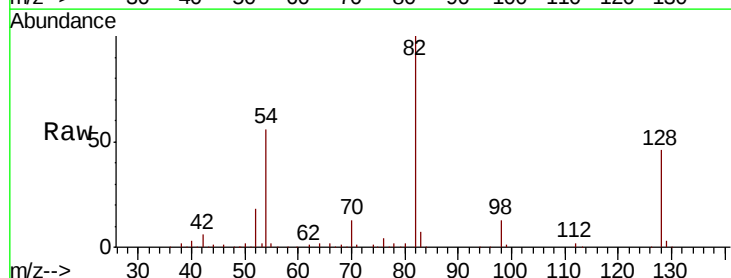
Ion Ratio Lower Upper

70 100

42 43.8 54.0 81.0#

101 0.0 8.6 13.0#

130 2.7 18.2 27.2#

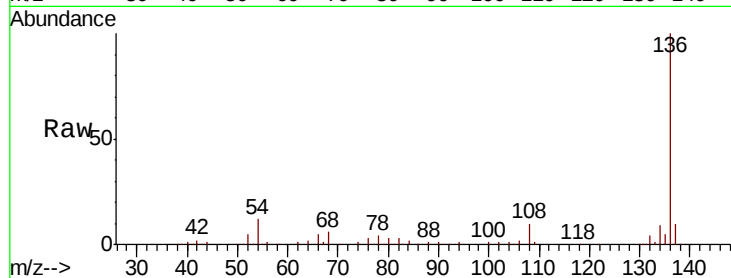




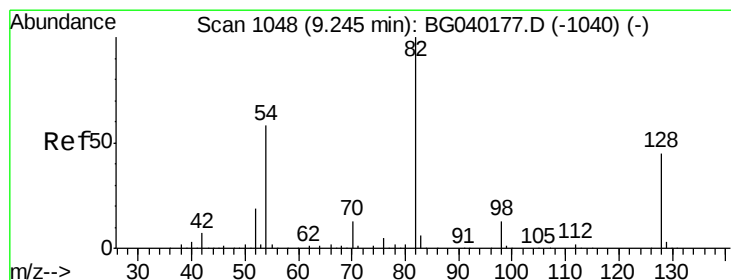
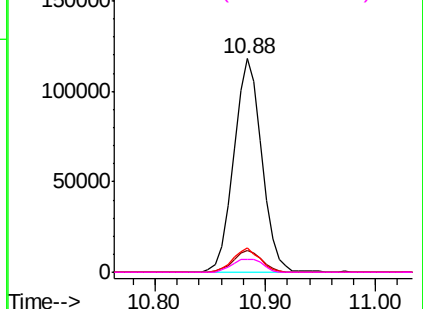
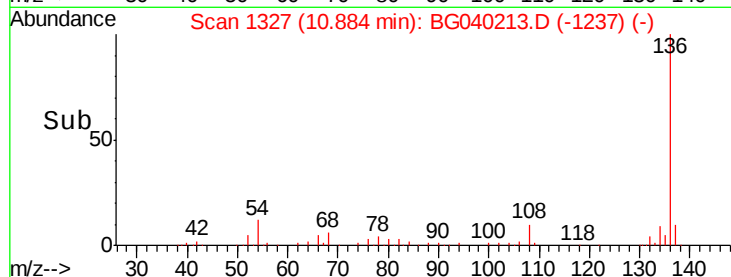
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BG040213.D
Acq: 29 Mar 2019 00:24

Instrument :
BNA_G
ClientSampleId :
PB118375BL

Tgt Ion:	136	Resp:	209846
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	11.5	9.6	14.4
68	6.3	5.1	7.7

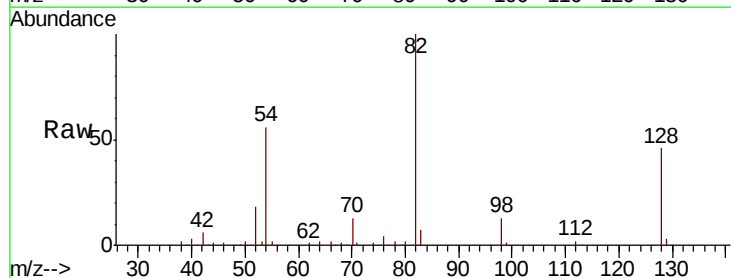


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

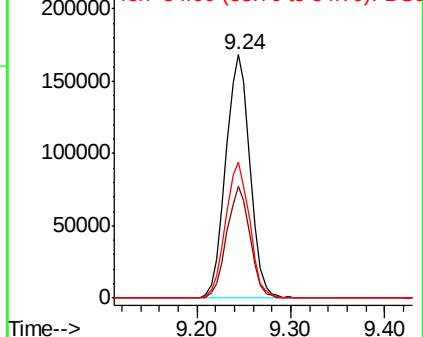
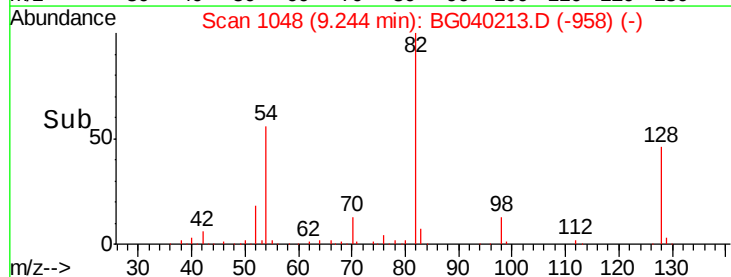


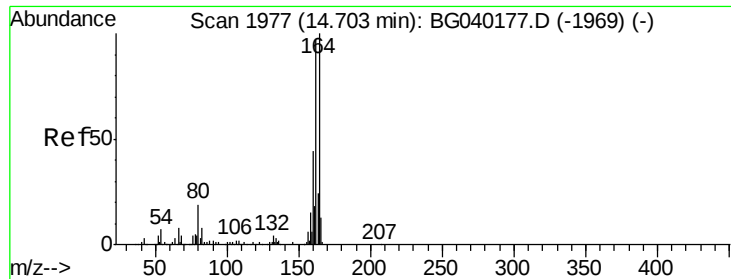
#23
Nitrobenzene-d5
Concen: 76.309 ng
RT: 9.24 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BG040213.D
Acq: 29 Mar 2019 00:24

Tgt Ion:	82	Resp:	301261
Ion	Ratio	Lower	Upper
82	100		
128	45.9	35.8	53.8
54	55.7	46.2	69.2



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

BNA_G

ClientSampleId :

PB118375BL

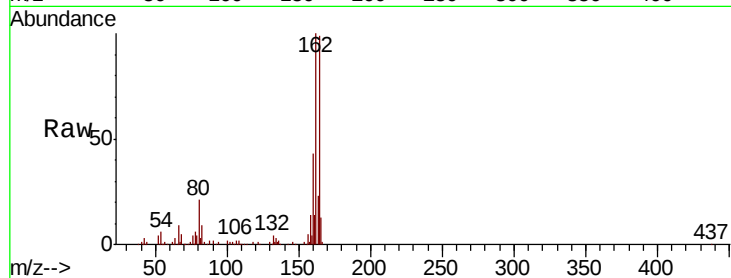
Tgt Ion:164 Resp: 133520

Ion Ratio Lower Upper

164 100

162 101.1 77.4 116.2

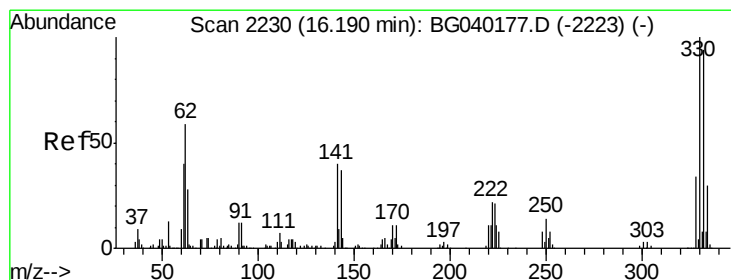
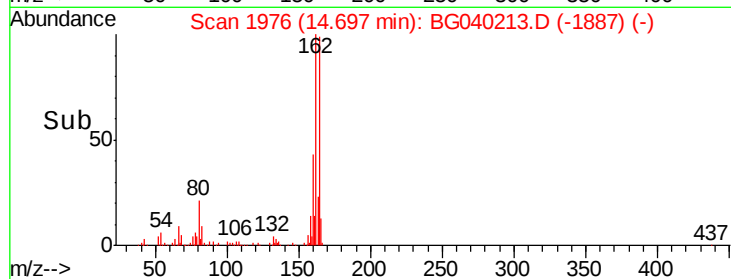
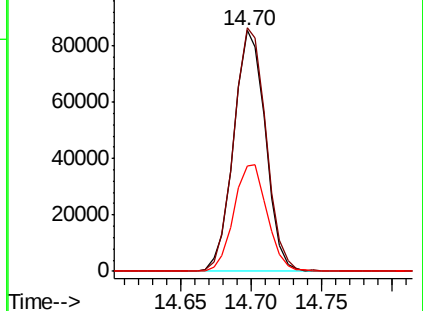
160 43.7 35.3 52.9



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: 132.030 ng

RT: 16.19 min Scan# 2230

Delta R.T. -0.00 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

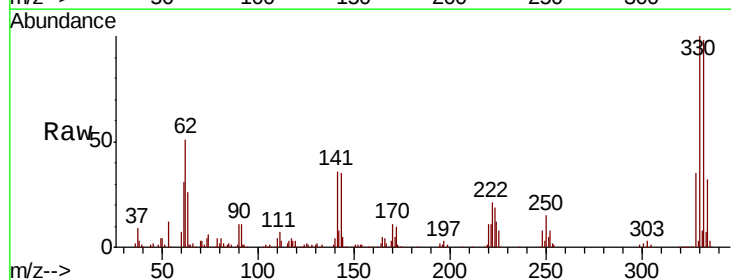
Tgt Ion:330 Resp: 190520

Ion Ratio Lower Upper

330 100

332 98.5 76.6 115.0

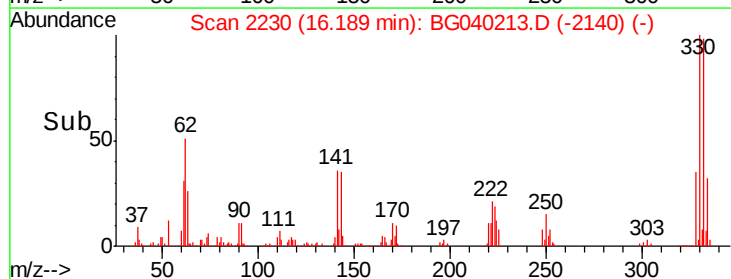
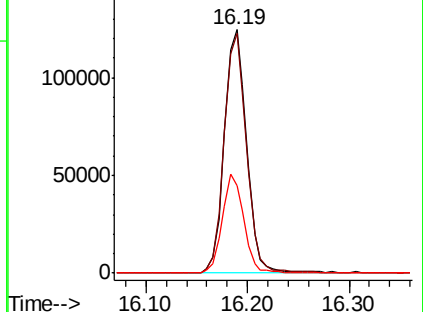
141 38.8 32.6 48.8



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

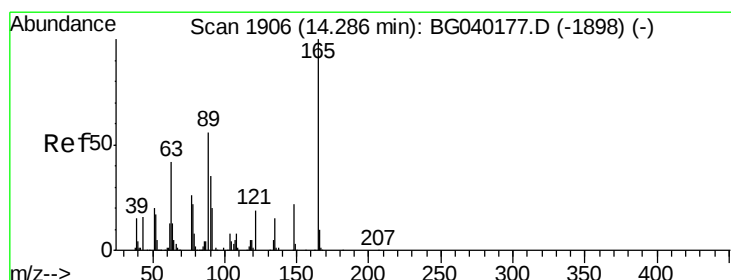
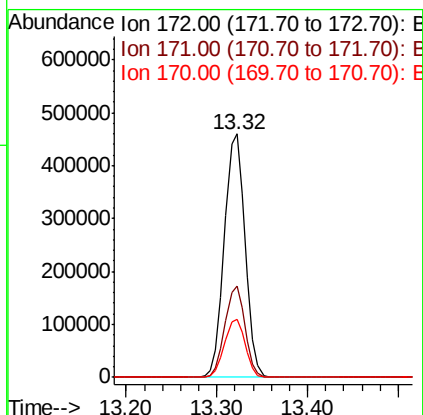
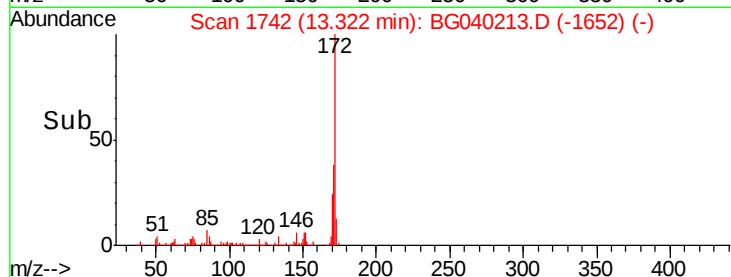
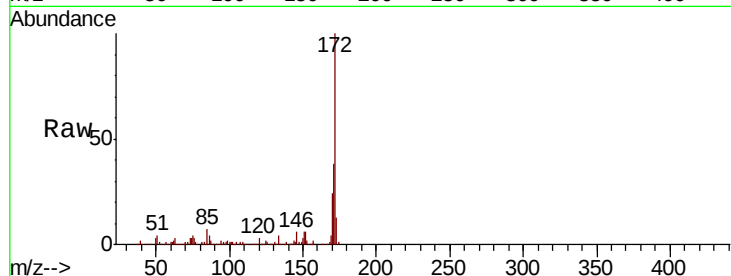




#45
 2-Fluorobiphenyl
 Concen: 80.773 ng
 RT: 13.32 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

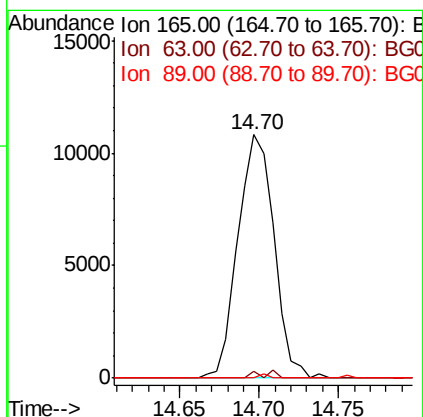
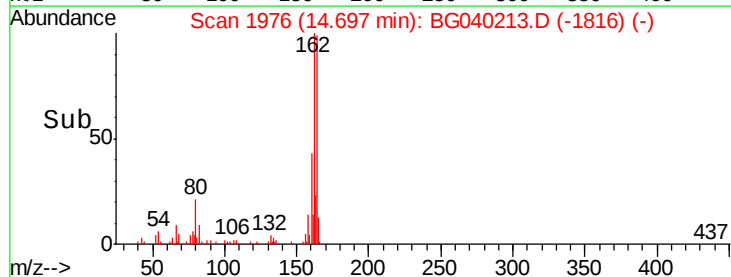
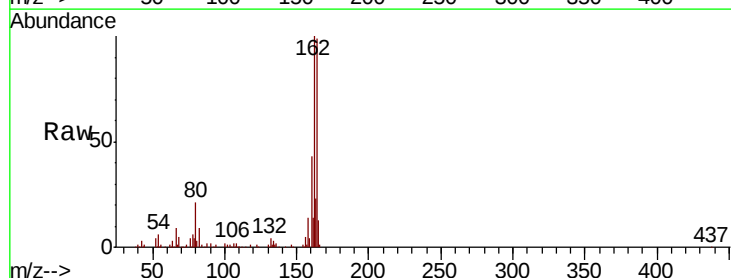
Instrument :
 BNA_G
 ClientSampleId :
 PB118375BL

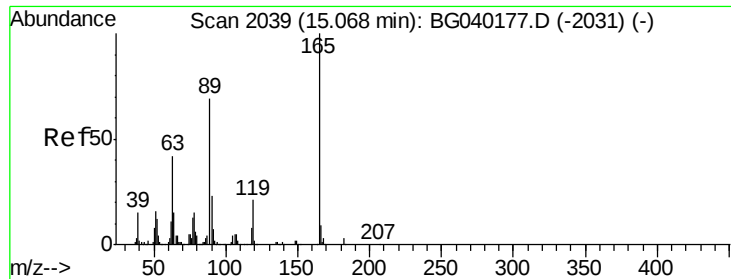
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.5	45.7
170	23.8	20.1	30.1



#51
 2,6-Dinitrotoluene
 Concen: 7.281 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.41 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.8	44.1	66.1#
89	0.0	44.9	67.3#





#57

2,4-Dinitrotoluene

Concen: 5.240 ng

RT: 14.70 min Scan# 1976

Delta R.T. -0.37 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

BNA_G

ClientSampleId :

PB118375BL

Tgt Ion:165 Resp: 17084

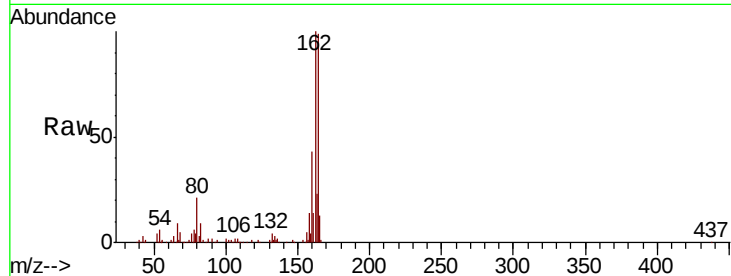
Ion Ratio Lower Upper

165 100

63 2.8 33.8 50.6#

89 0.0 55.4 83.2#

182 0.0 2.2 3.4#

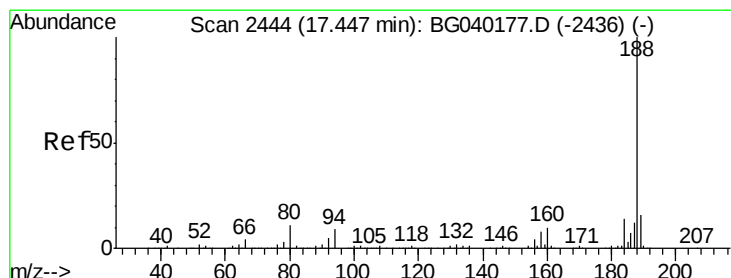
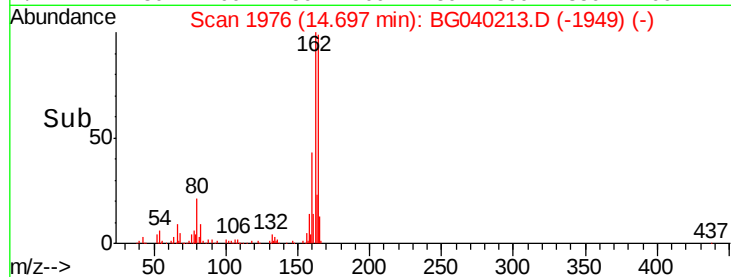
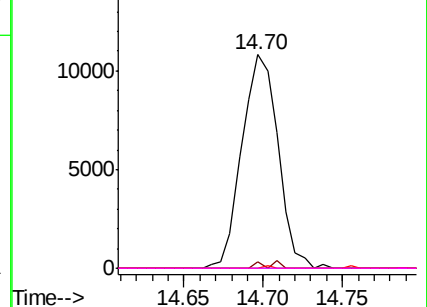


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.45 min Scan# 2444

Delta R.T. -0.00 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

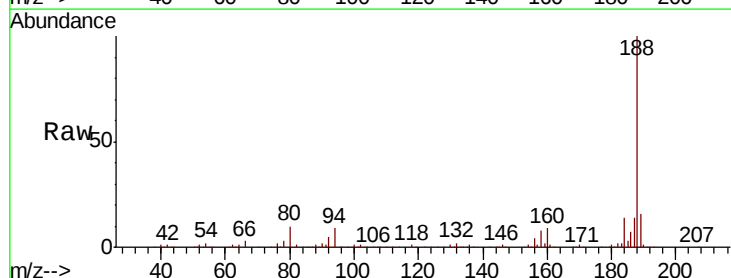
Tgt Ion:188 Resp: 354356

Ion Ratio Lower Upper

188 100

94 8.6 7.0 10.4

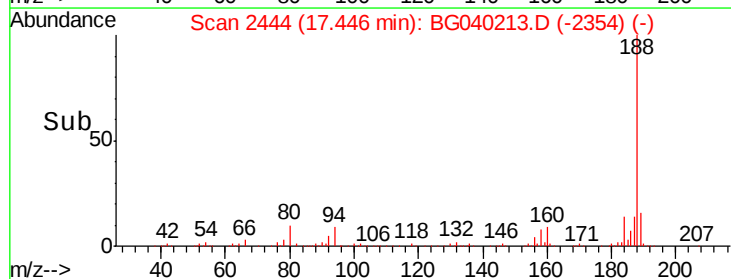
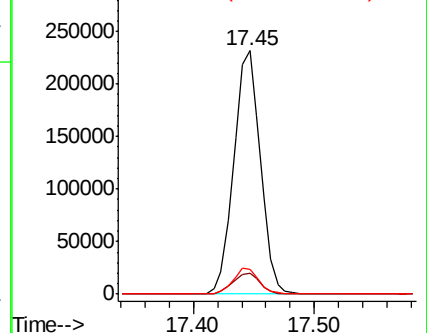
80 10.1 8.6 13.0



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

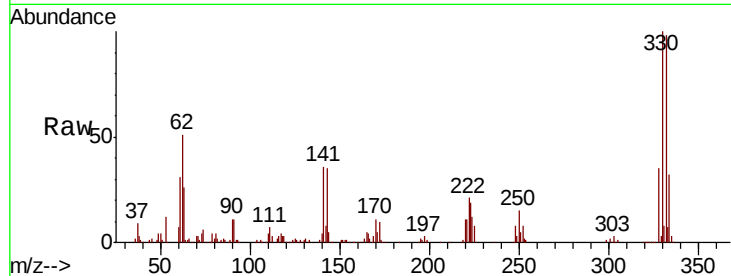




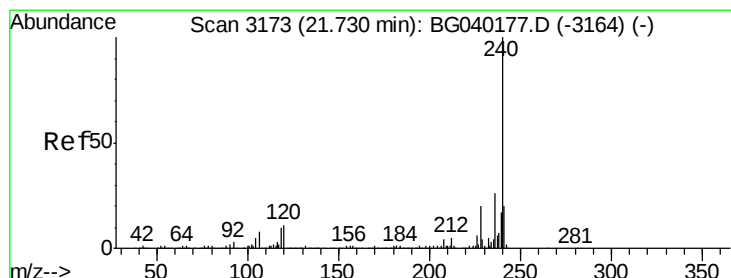
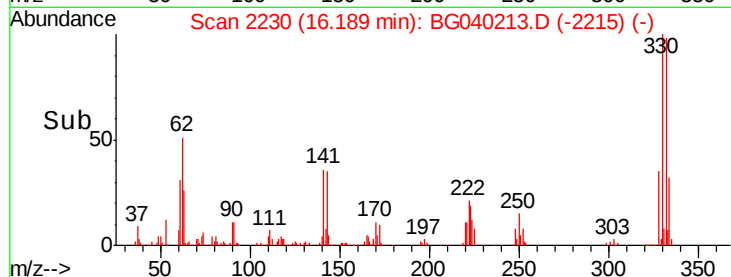
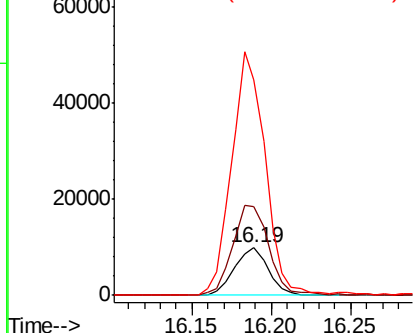
#67
 4-Bromophenyl-phenylether
 Concen: 3.670 ng
 RT: 16.19 min Scan# 2230
 Delta R.T. -0.44 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Instrument :
 BNA_G
 ClientSampleId :
 PB118375BL

Tgt Ion:248 Resp: 14636
 Ion Ratio Lower Upper
 248 100
 250 186.6 76.4 114.6#
 141 452.8 53.8 80.8#

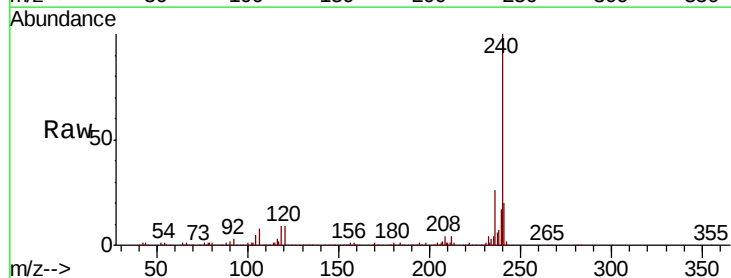


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

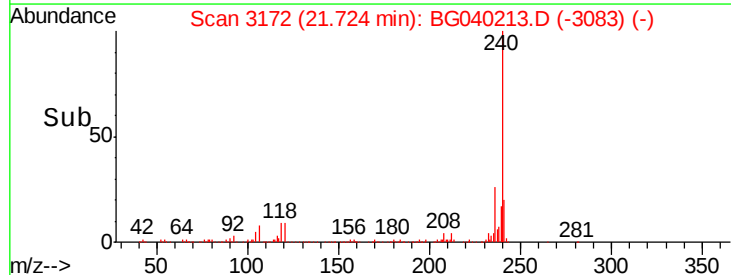
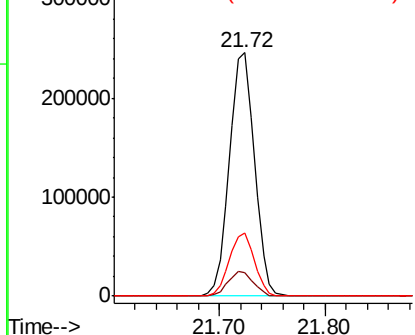


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.72 min Scan# 3172
 Delta R.T. -0.01 min
 Lab File: BG040213.D
 Acq: 29 Mar 2019 00:24

Tgt Ion:240 Resp: 404177
 Ion Ratio Lower Upper
 240 100
 120 9.5 8.4 12.6
 236 26.1 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: 75.609 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

Instrument :

BNA_G

ClientSampleId :

PB118375BL

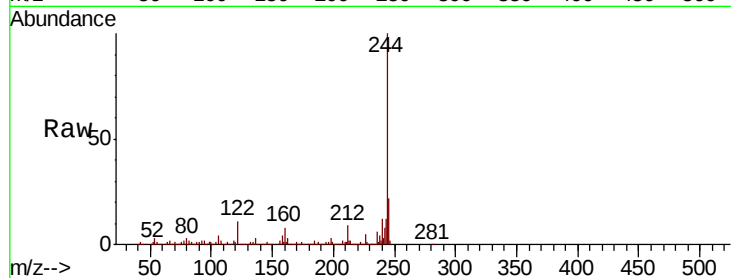
Tgt Ion:244 Resp: 1358414

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.6

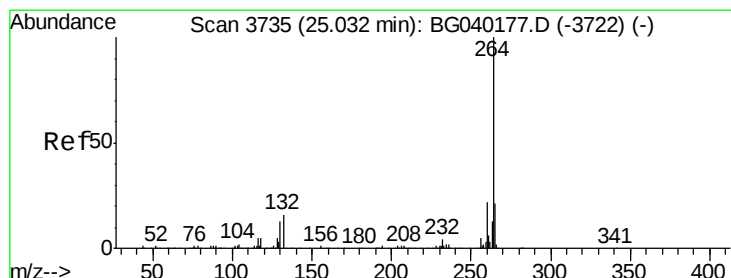
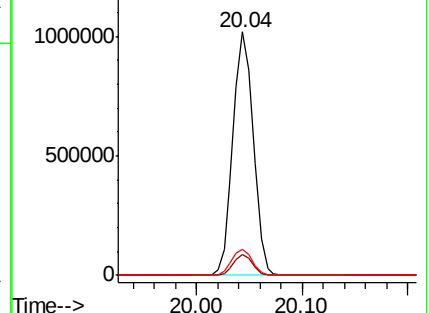
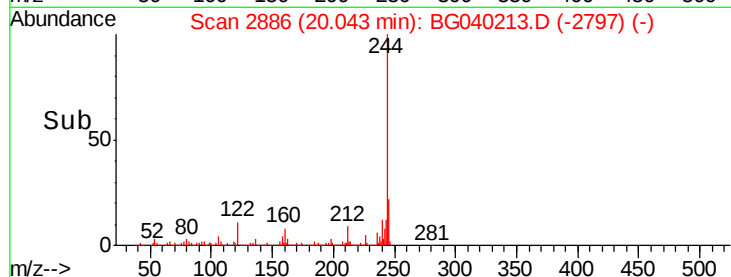
122 10.9 8.5 12.7



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: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG040213.D

Acq: 29 Mar 2019 00:24

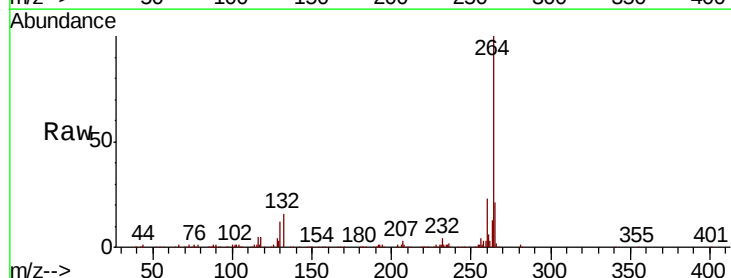
Tgt Ion:264 Resp: 404540

Ion Ratio Lower Upper

264 100

260 23.3 17.9 26.9

265 21.5 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

