

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040257.D
 Acq On : 30 Mar 2019 11:55
 Operator : JU/SJ
 Sample : K1697-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-A

Quant Time: Apr 01 02:07:41 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

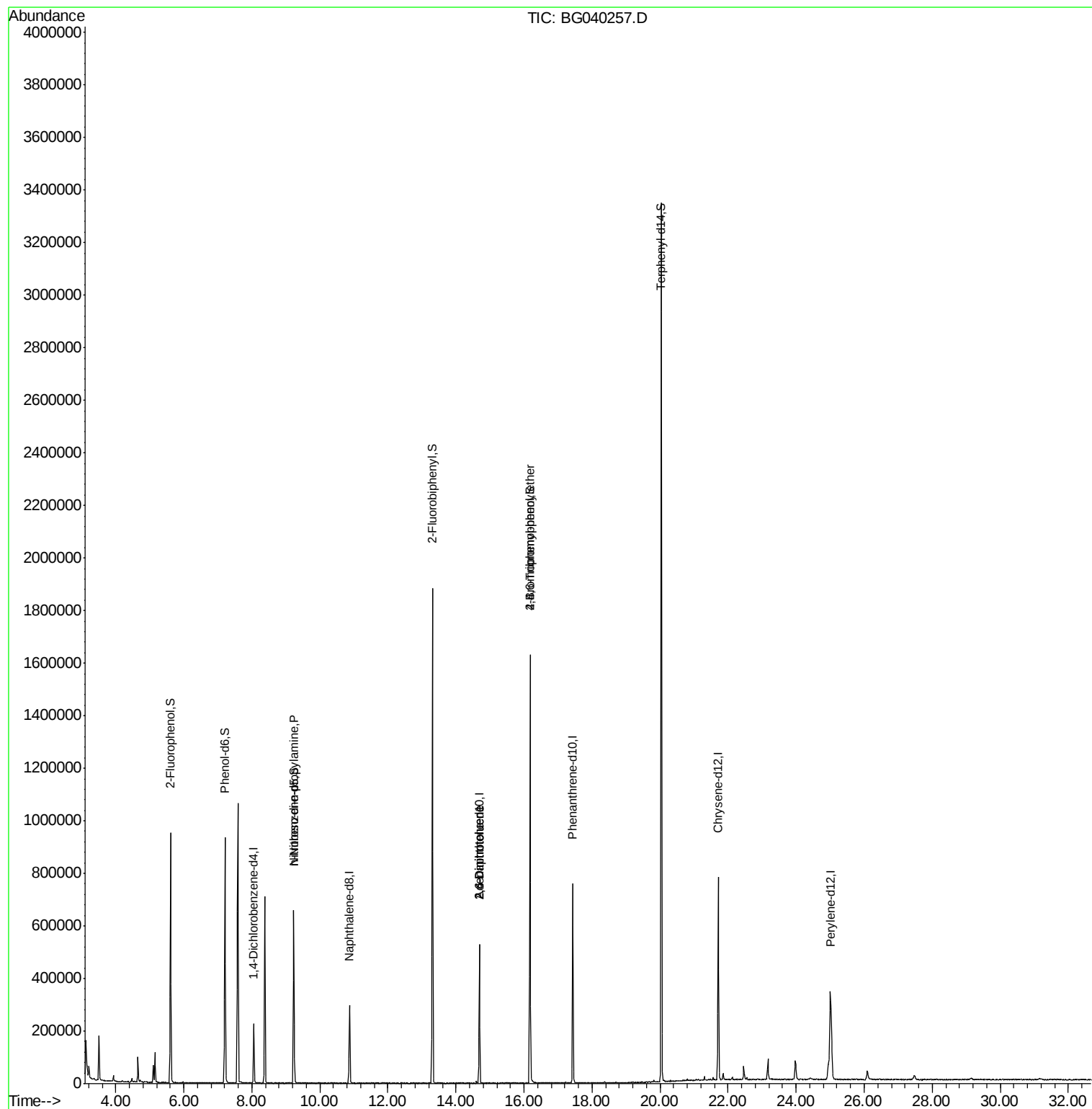
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	61145	20.00	ng	-0.01
21) Naphthalene-d8	10.87	136	262585	20.00	ng	-0.01
39) Acenaphthene-d10	14.69	164	180606	20.00	ng	-0.01
64) Phenanthrene-d10	17.43	188	466611	20.00	ng	-0.01
76) Chrysene-d12	21.71	240	480242	20.00	ng	-0.02
87) Perylene-d12	25.01	264	482054	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	415221	112.89	ng	0.00
7) Phenol-d6	7.21	99	546767	107.56	ng	-0.01
23) Nitrobenzene-d5	9.23	82	406994	82.39	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	289211	148.17	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	985757	80.88	ng	-0.01
79) Terphenyl-d14	20.04	244	1745128	81.75	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50183	13.769	ng	# 74
51) 2,6-Dinitrotoluene	14.68	165	22970	7.237	ng	# 26
57) 2,4-Dinitrotoluene	14.68	165	22970	5.209	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	22611	4.306	ng	# 1

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

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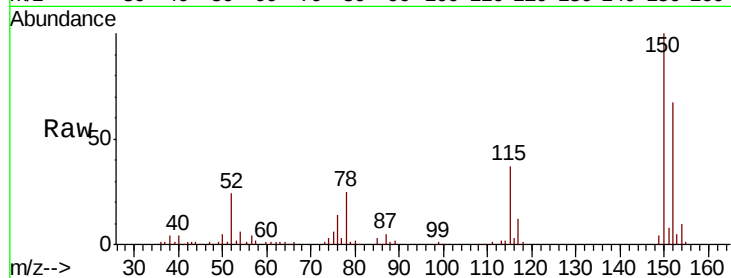


#1

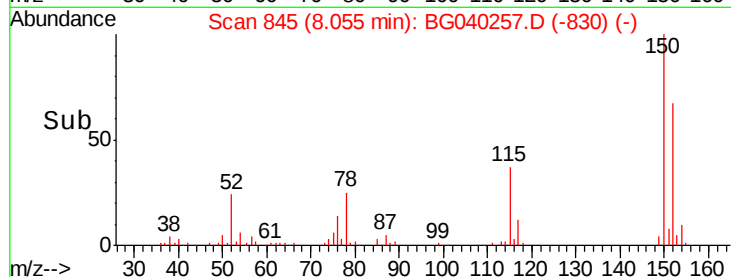
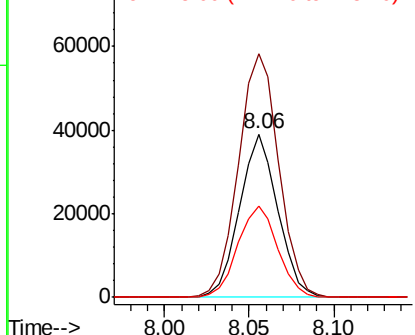
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-A

Tgt Ion:152 Resp: 61145
Ion Ratio Lower Upper
152 100
150 148.9 123.7 185.5
115 55.5 46.9 70.3



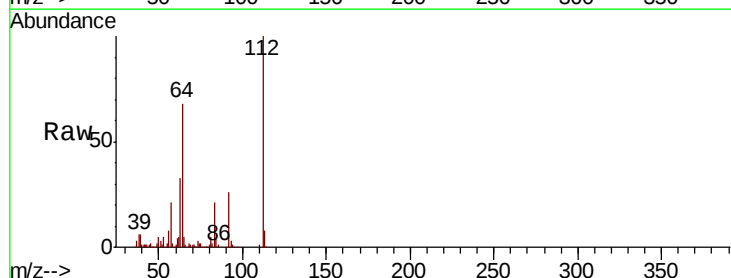
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



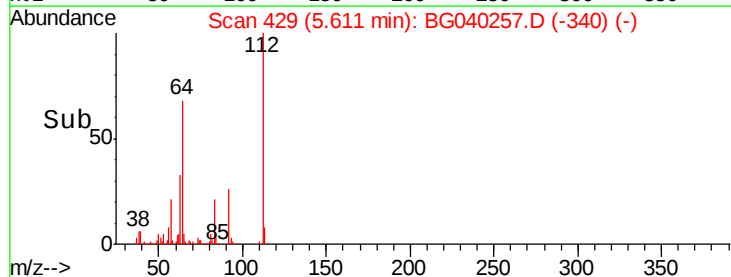
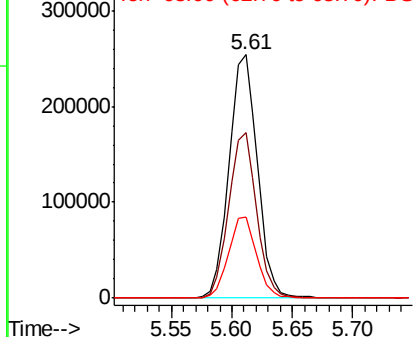
#5

2-Fluorophenol
Concen: 112.890 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

Tgt Ion:112 Resp: 415221
Ion Ratio Lower Upper
112 100
64 68.2 54.2 81.2
63 33.5 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: 107.564 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG040257.D

Acq: 30 Mar 2019 11:55

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-A

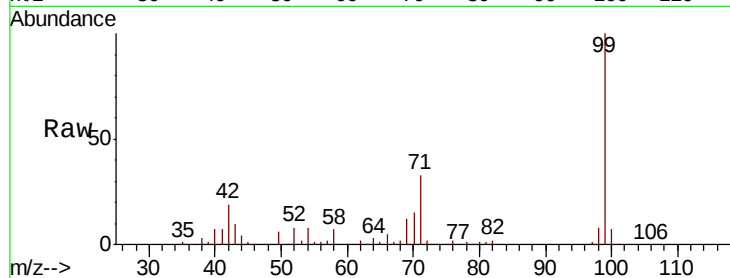
Tgt Ion: 99 Resp: 546767

Ion Ratio Lower Upper

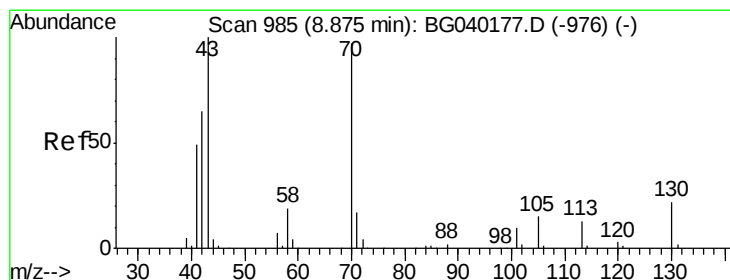
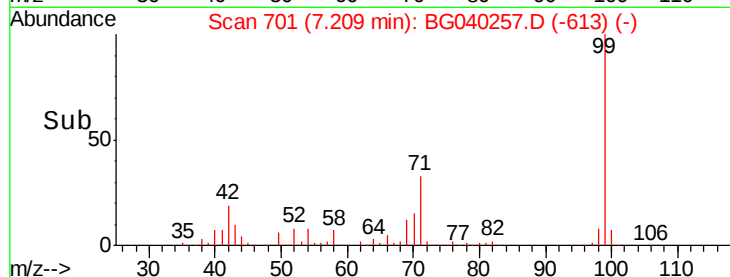
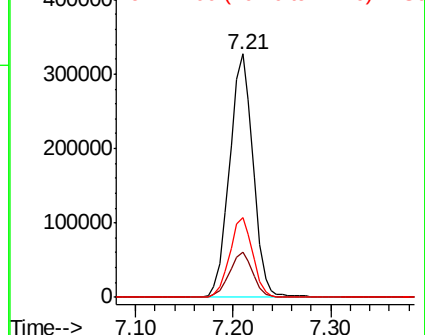
99 100

42 18.6 16.2 24.2

71 32.6 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: 13.769 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.36 min

Lab File: BG040257.D

Acq: 30 Mar 2019 11:55

Tgt Ion: 70 Resp: 50183

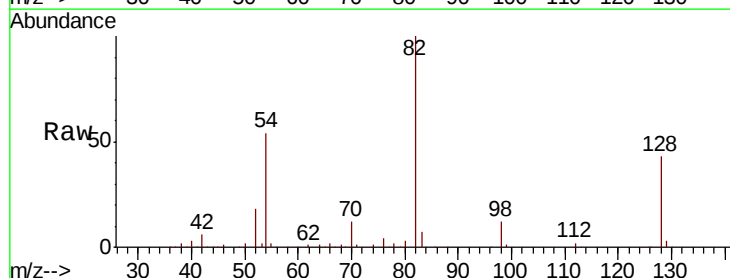
Ion Ratio Lower Upper

70 100

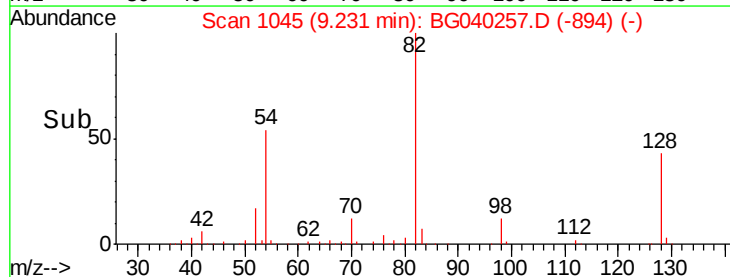
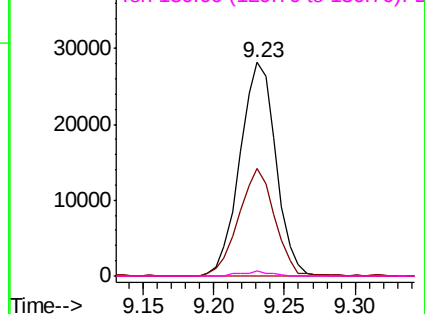
42 50.6 54.0 81.0#

101 0.0 8.6 13.0#

130 2.6 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

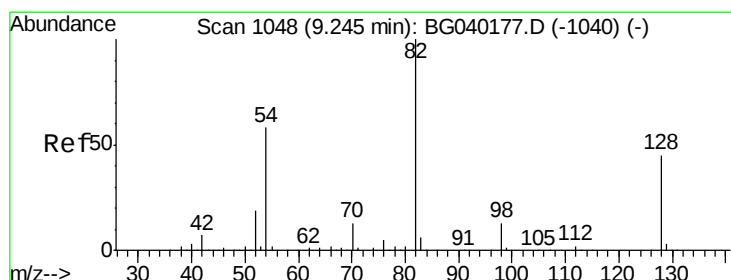
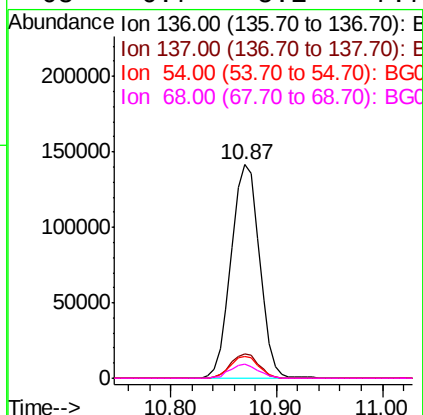
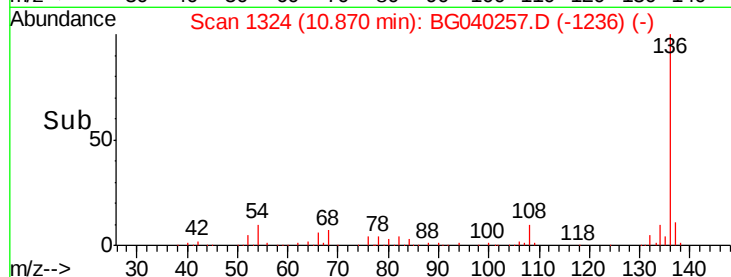
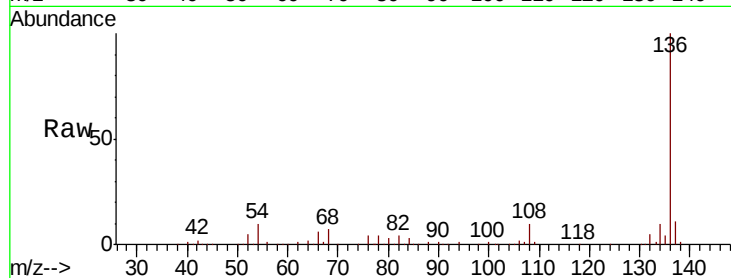




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

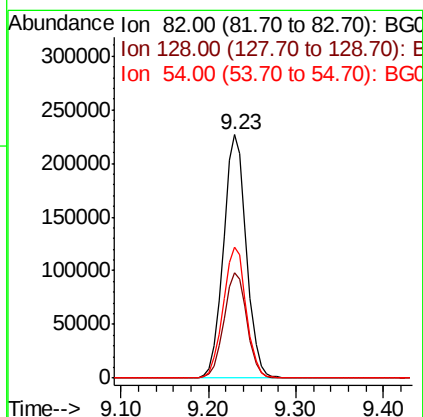
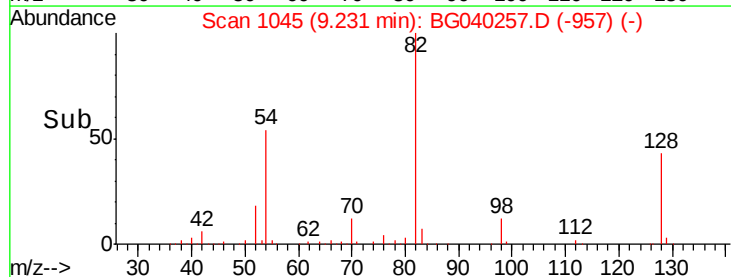
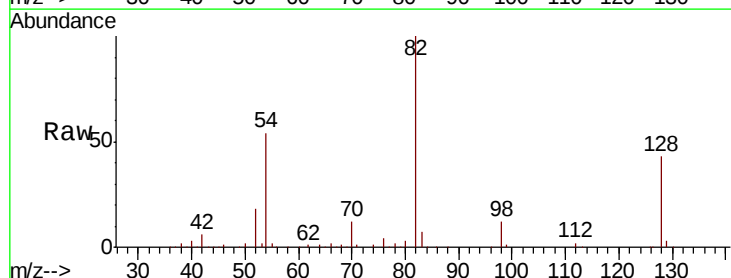
Instrument :
BNA_G
ClientSampleId :
SU-02-032719-A

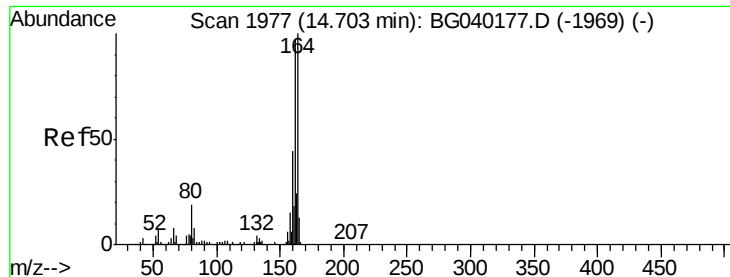
Tgt Ion:	136	Resp:	262585
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	10.4	9.6	14.4
68	6.7	5.1	7.7



#23
Nitrobenzene-d5
Concen: 82.385 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

Tgt Ion:	82	Resp:	406994
Ion	Ratio	Lower	Upper
82	100		
128	43.5	35.8	53.8
54	54.0	46.2	69.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG040257.D

Acq: 30 Mar 2019 11:55

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-A

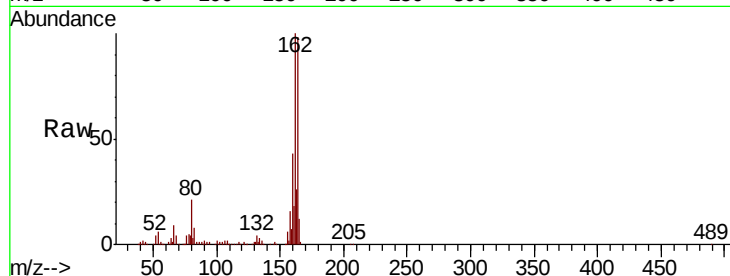
Tgt Ion:164 Resp: 180606

Ion Ratio Lower Upper

164 100

162 102.0 77.4 116.2

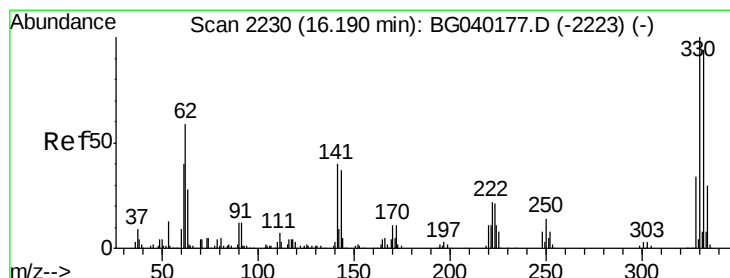
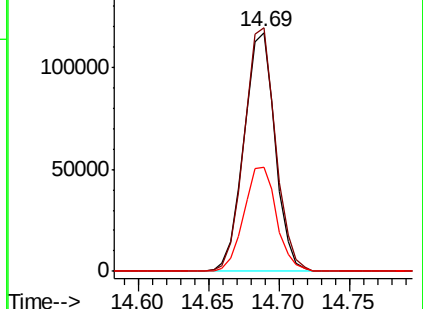
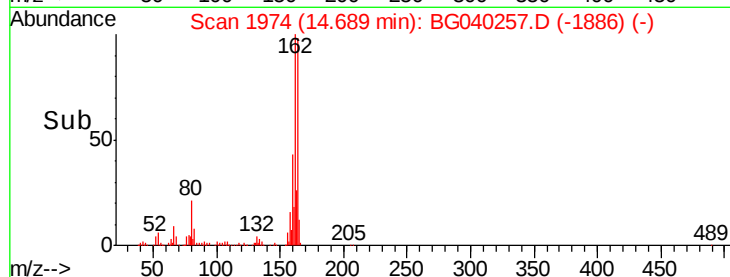
160 43.6 35.3 52.9



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: 148.170 ng

RT: 16.18 min Scan# 2227

Delta R.T. -0.01 min

Lab File: BG040257.D

Acq: 30 Mar 2019 11:55

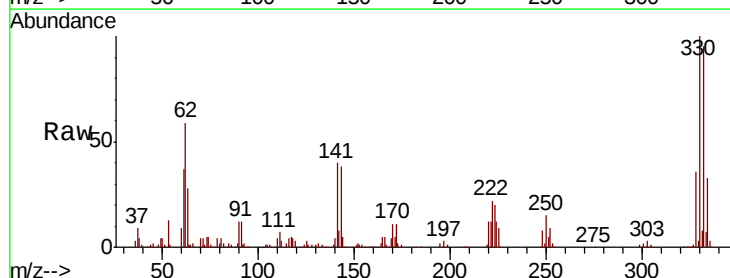
Tgt Ion:330 Resp: 289211

Ion Ratio Lower Upper

330 100

332 97.7 76.6 115.0

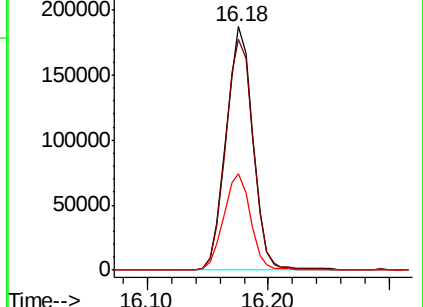
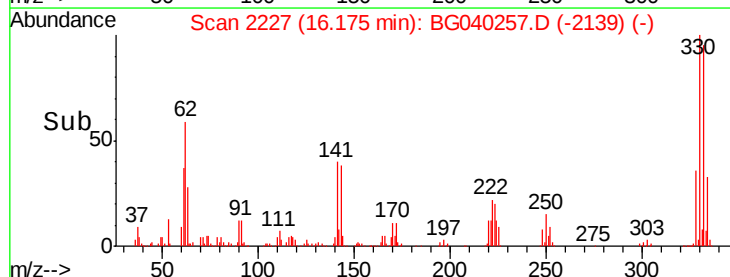
141 39.6 32.6 48.8



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

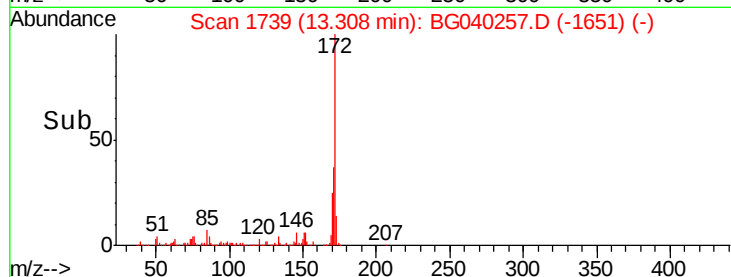
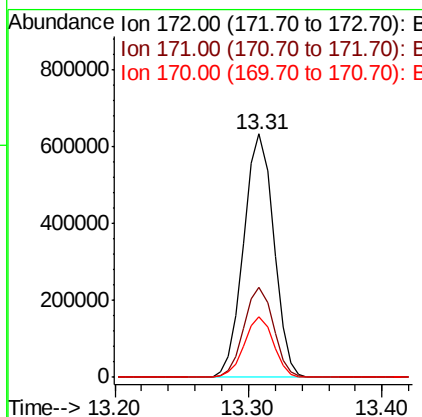
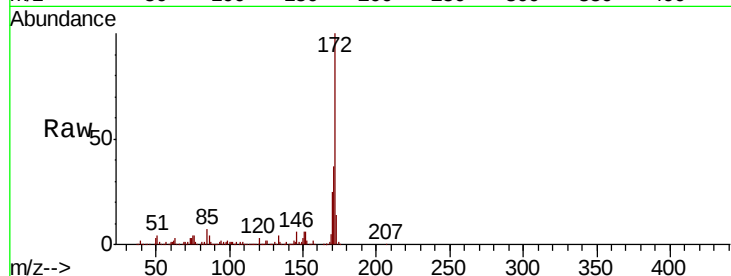




#45
2-Fluorobiphenyl
Concen: 80.875 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.01 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

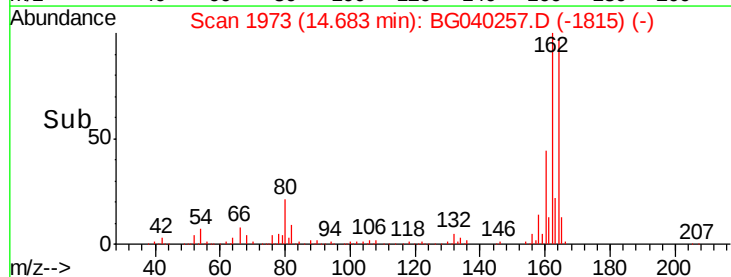
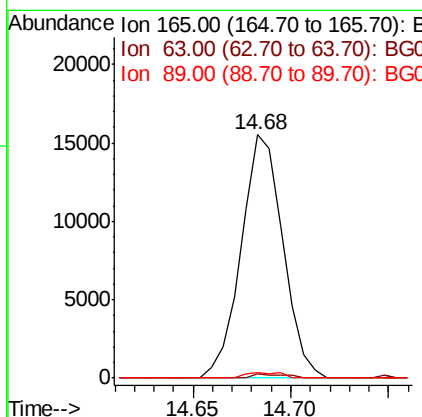
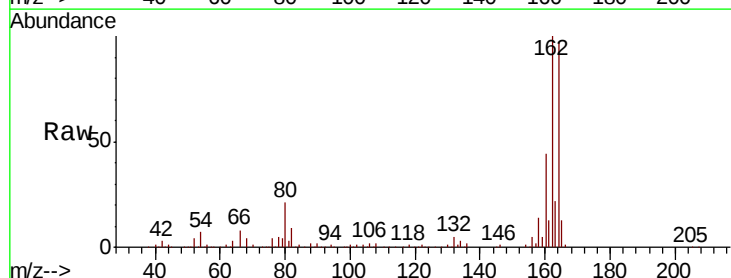
Instrument :
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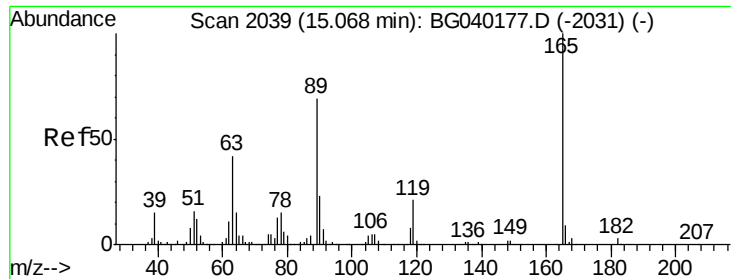
Tgt Ion:172 Resp: 985757
Ion Ratio Lower Upper
172 100
171 37.1 30.5 45.7
170 24.8 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.237 ng
RT: 14.68 min Scan# 1973
Delta R.T. 0.40 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

Tgt Ion:165 Resp: 22970
Ion Ratio Lower Upper
165 100
63 1.5 44.1 66.1#
89 2.1 44.9 67.3#

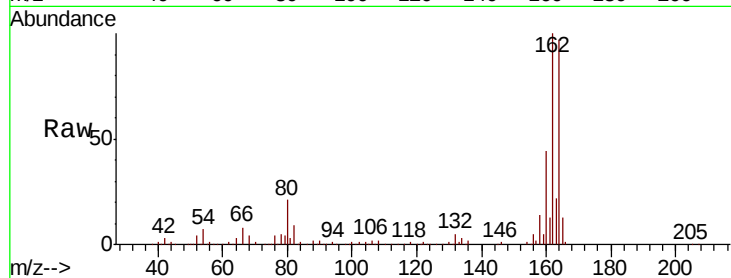




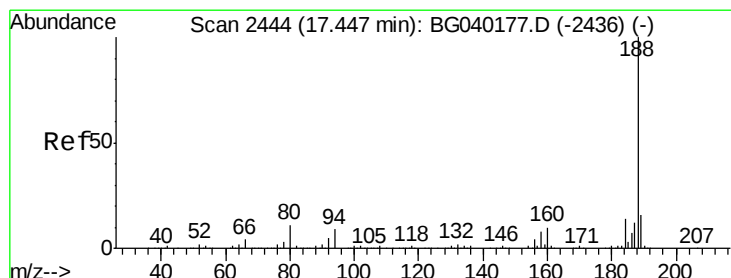
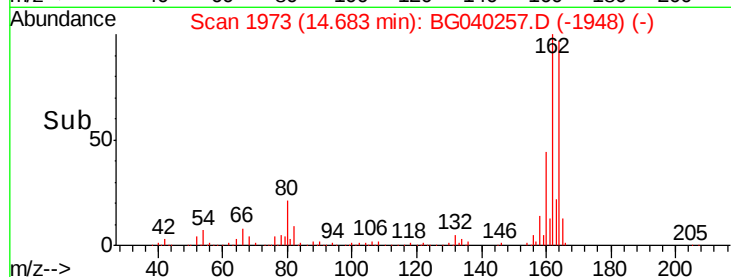
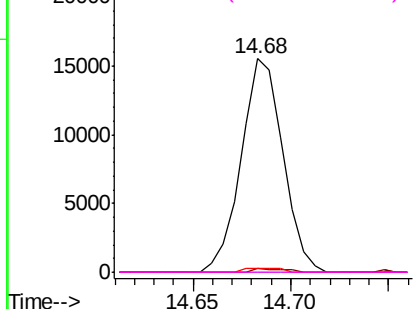
#57
 2,4-Dinitrotoluene
 Concen: 5.209 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.38 min
 Lab File: BG040257.D
 Acq: 30 Mar 2019 11:55

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-032719-A

Tgt Ion:165 Resp: 22970
 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#

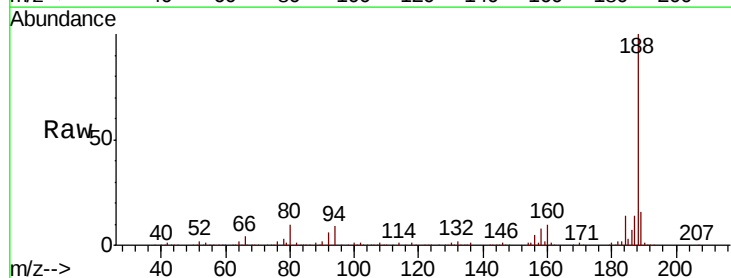


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC
 Ion 182.00 (181.70 to 182.70): E

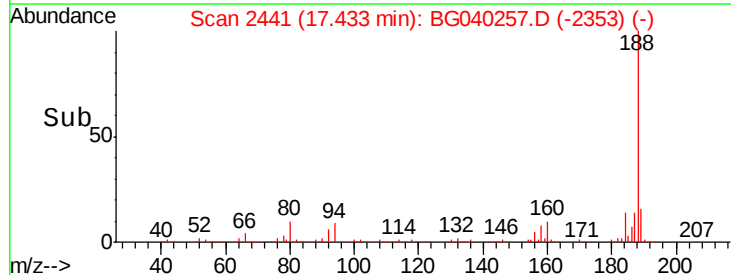
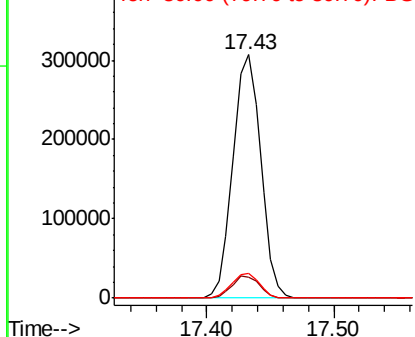


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.01 min
 Lab File: BG040257.D
 Acq: 30 Mar 2019 11:55

Tgt Ion:188 Resp: 466611
 Ion Ratio Lower Upper
 188 100
 94 8.6 7.0 10.4
 80 10.2 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

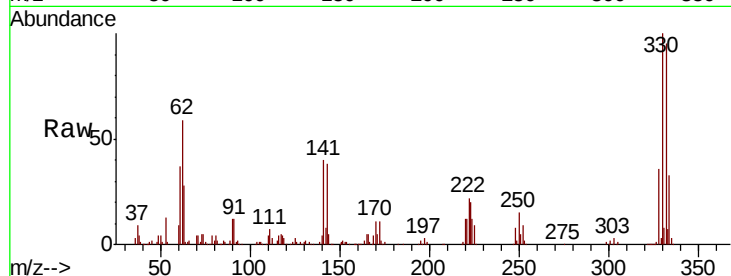




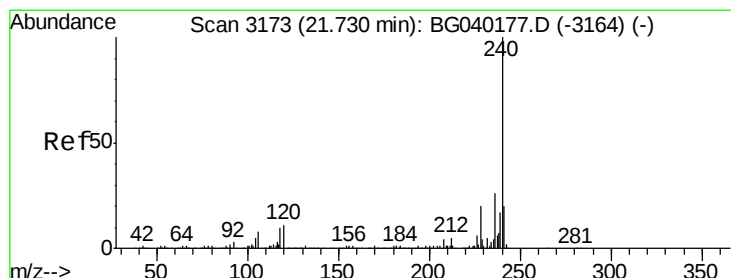
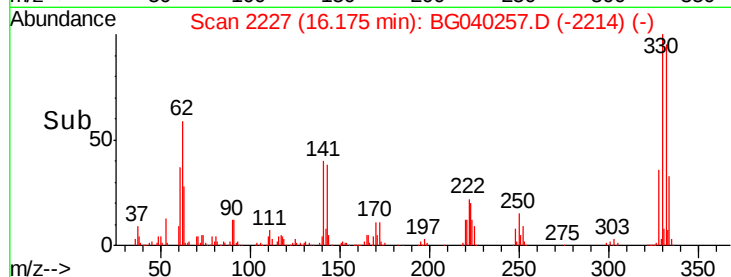
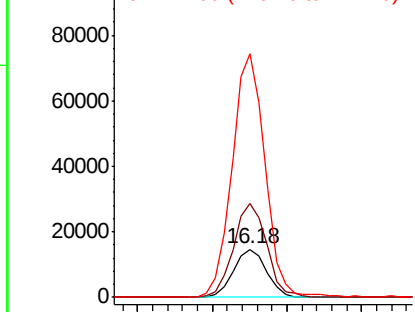
#67
4-Bromophenyl-phenylether
Concen: 4.306 ng
RT: 16.18 min Scan# 2227
Delta R.T. -0.46 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

Instrument :
BNA_G
ClientSampleId :
SU-02-032719-A

Tgt Ion:248 Resp: 22611
Ion Ratio Lower Upper
248 100
250 196.0 76.4 114.6#
141 505.1 53.8 80.8#

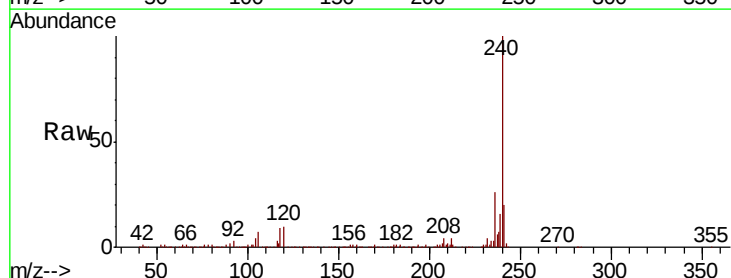


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

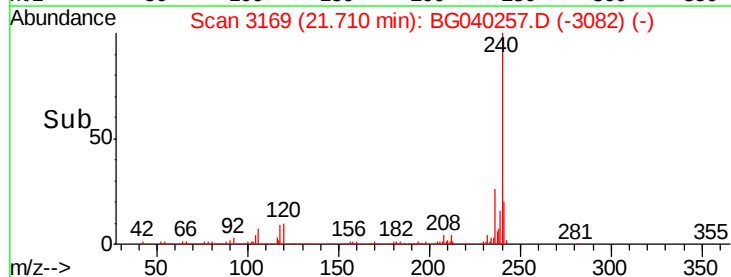
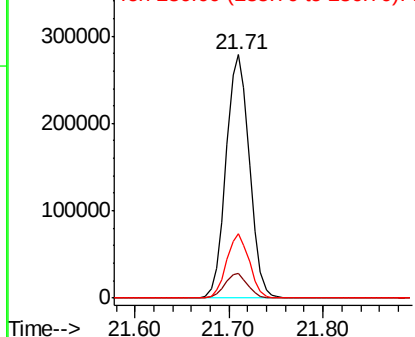


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040257.D
Acq: 30 Mar 2019 11:55

Tgt Ion:240 Resp: 480242
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: 81.749 ng

RT: 20.04 min Scan# 2884

Delta R.T. -0.01 min

Lab File: BG040257.D

Acq: 30 Mar 2019 11:55

Instrument :

BNA_G

ClientSampleId :

SU-02-032719-A

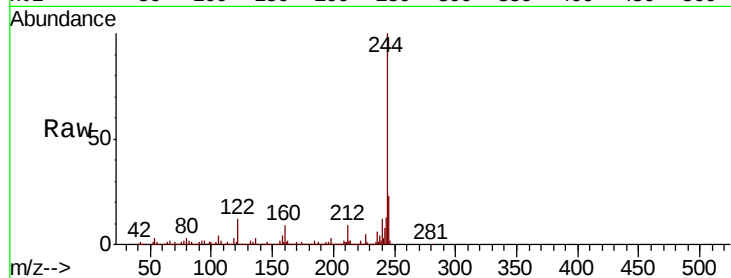
Tgt Ion:244 Resp: 1745128

Ion Ratio Lower Upper

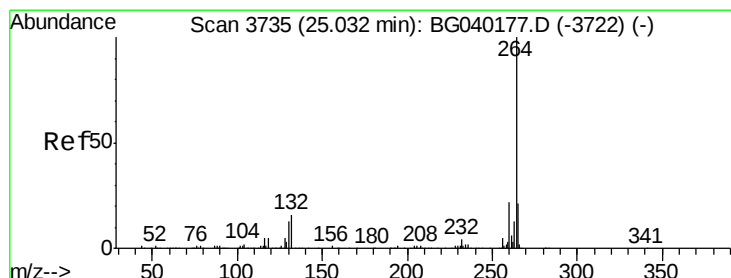
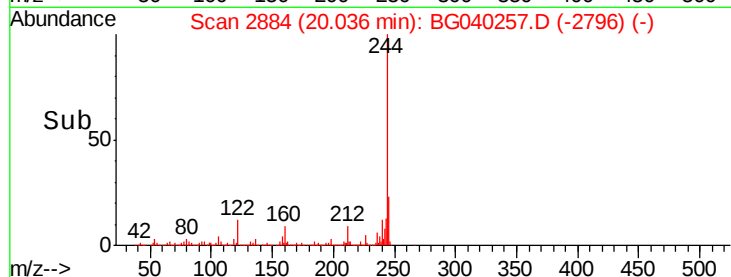
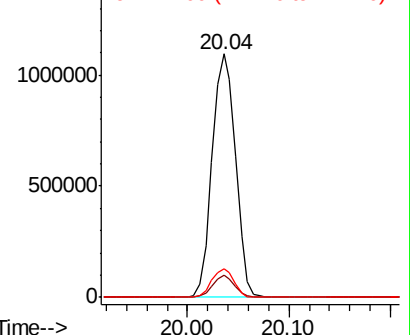
244 100

212 9.0 7.0 10.6

122 11.9 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: 25.01 min Scan# 3731

Delta R.T. -0.02 min

Lab File: BG040257.D

Acq: 30 Mar 2019 11:55

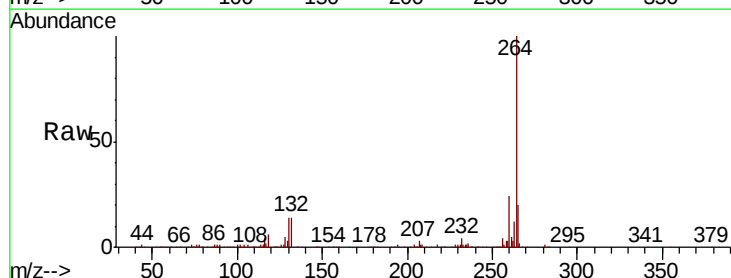
Tgt Ion:264 Resp: 482054

Ion Ratio Lower Upper

264 100

260 23.6 17.9 26.9

265 20.4 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

