

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
 Data File : BG040281.D
 Acq On : 2 Apr 2019 1:34
 Operator : JU/SJ
 Sample : K2179-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4D

Quant Time: Apr 02 02:20:05 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

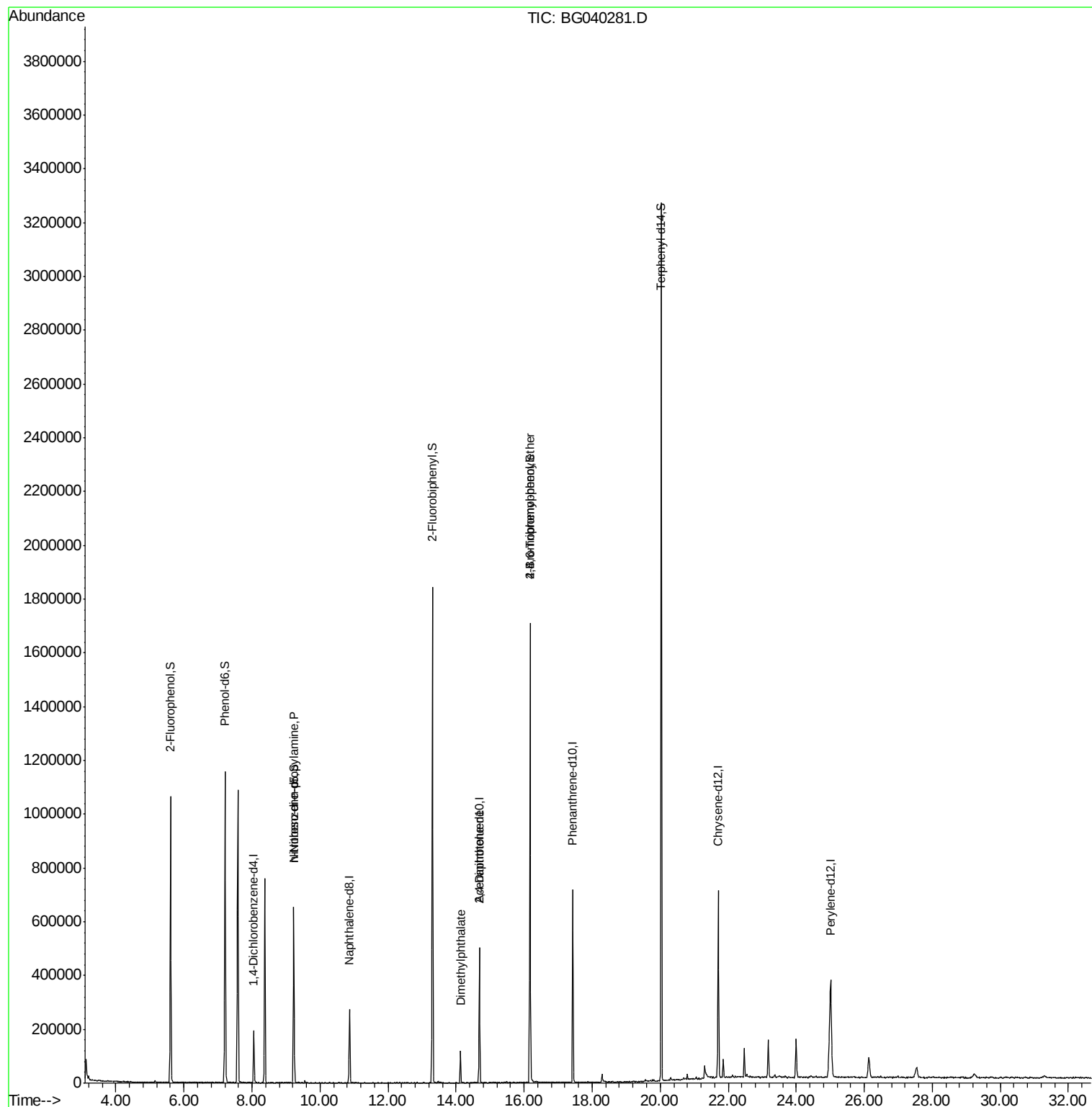
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55500	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	240896	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	177329	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	438395	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	429057	20.00	ng	-0.02
87) Perylene-d12	25.01	264	429944	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	468785	140.42	ng	-0.01
7) Phenol-d6	7.21	99	683248	148.08	ng	-0.02
23) Nitrobenzene-d5	9.23	82	396053	87.39	ng	-0.02
42) 2,4,6-Tribromophenol	16.17	330	301415	157.28	ng	-0.02
45) 2-Fluorobiphenyl	13.30	172	987060	82.48	ng	-0.02
79) Terphenyl-d14	20.03	244	1495306	78.40	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	50247	15.189	ng	Qvalue # 70
50) Dimethylphthalate	14.13	163	79715	5.744	ng	# 99
57) 2,4-Dinitrotoluene	14.68	165	21647	4.999	ng	# 24
67) 4-Bromophenyl-phenylether	16.17	248	23283	4.719	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040281.D
Acq On : 2 Apr 2019 1:34
Operator : JU/SJ
Sample : K2179-07
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-4D

Quant Time: Apr 02 02:20:05 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



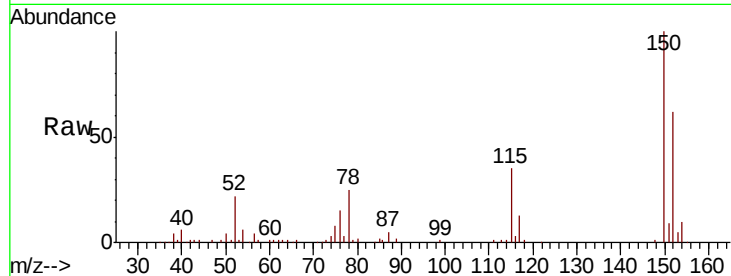


#1

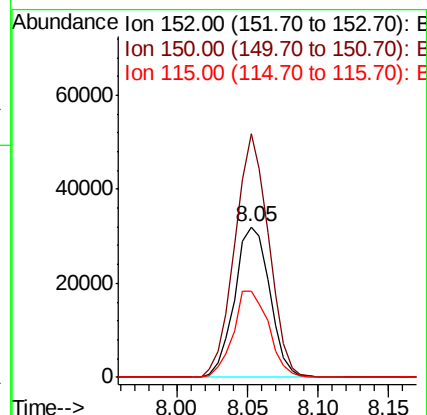
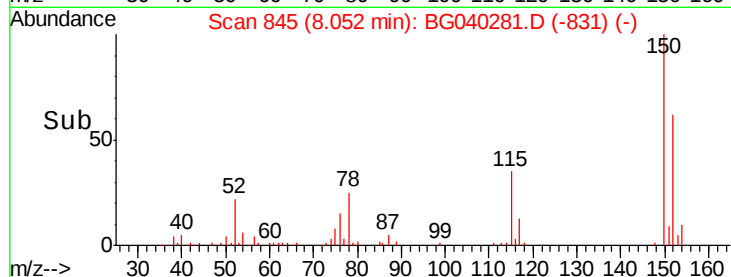
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Instrument :
BNA_G
ClientSampleId :
TP-4D

Tgt Ion:152 Resp: 55500
Ion Ratio Lower Upper
152 100
150 162.1 123.7 185.5
115 57.3 46.9 70.3



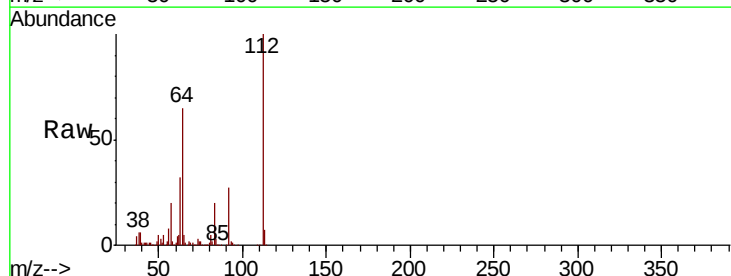
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



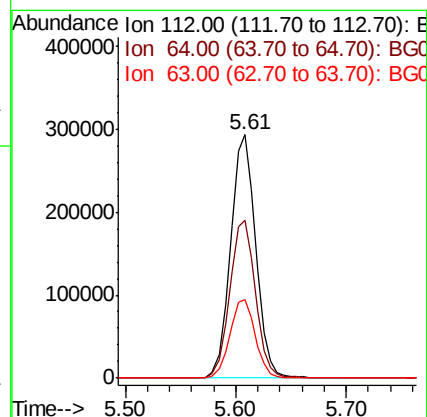
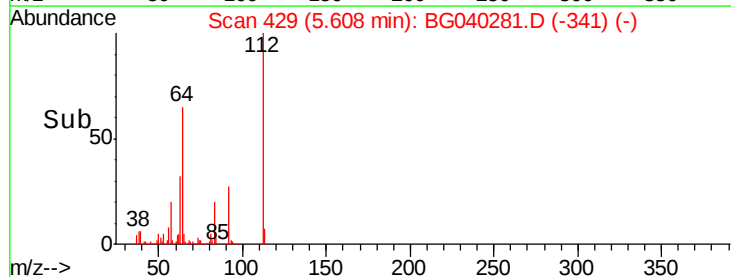
#5

2-Fluorophenol
Concen: 140.417 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Tgt Ion:112 Resp: 468785
Ion Ratio Lower Upper
112 100
64 64.6 54.2 81.2
63 32.4 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: 148.085 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Instrument :

BNA_G

ClientSampleId :

TP-4D

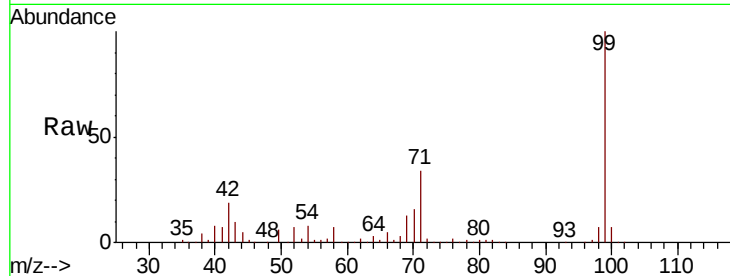
Tgt Ion: 99 Resp: 683248

Ion Ratio Lower Upper

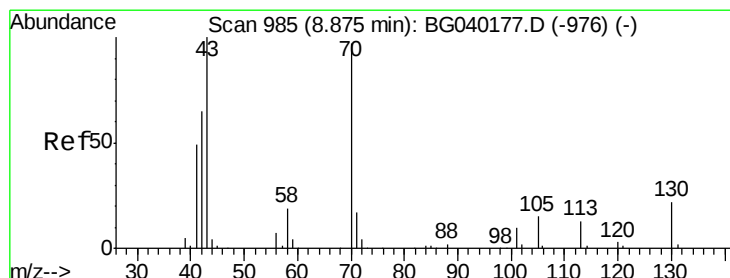
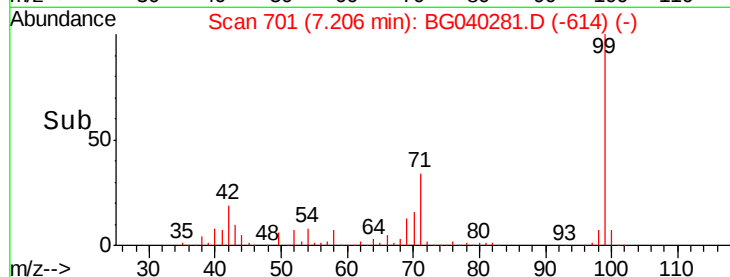
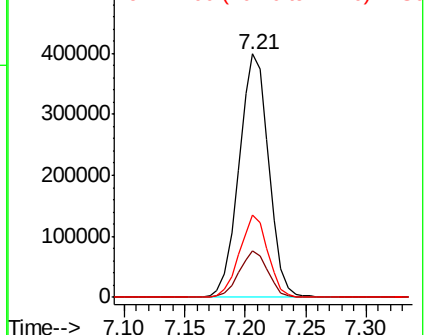
99 100

42 19.2 16.2 24.2

71 33.7 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: 15.189 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.35 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Tgt Ion: 70 Resp: 50247

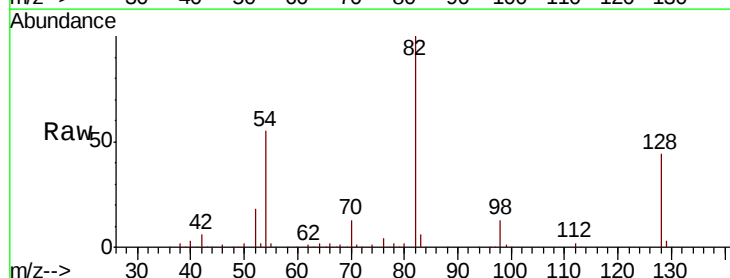
Ion Ratio Lower Upper

70 100

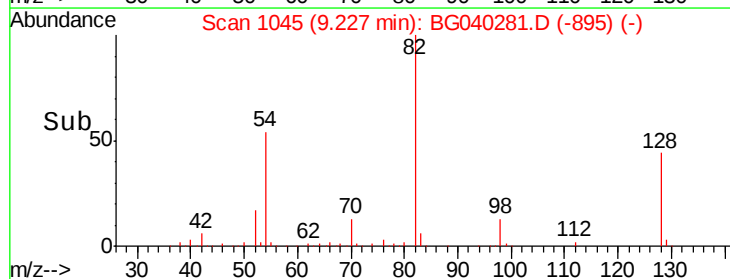
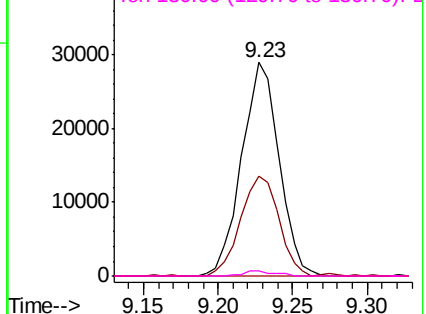
42 46.9 54.0 81.0#

101 0.0 8.6 13.0#

130 2.4 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

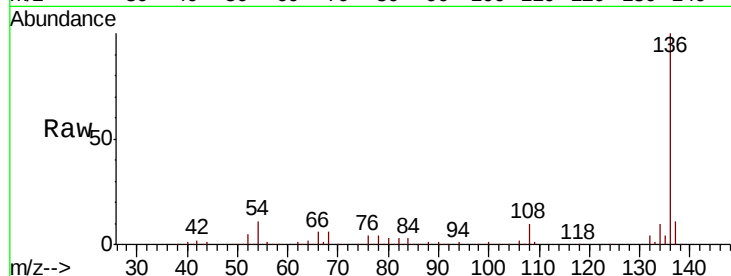




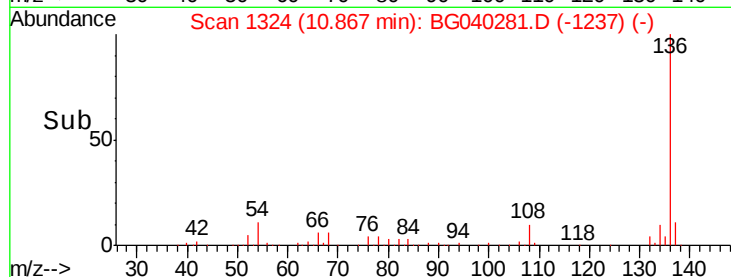
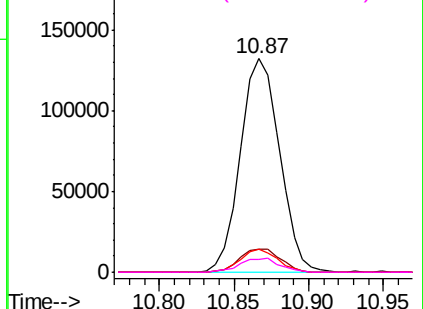
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Instrument :
BNA_G
ClientSampleId :
TP-4D

Tgt Ion:	136	Resp:	240896
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	10.6	9.6	14.4
68	5.8	5.1	7.7

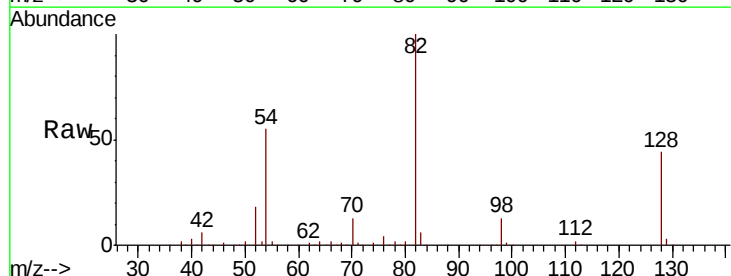


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

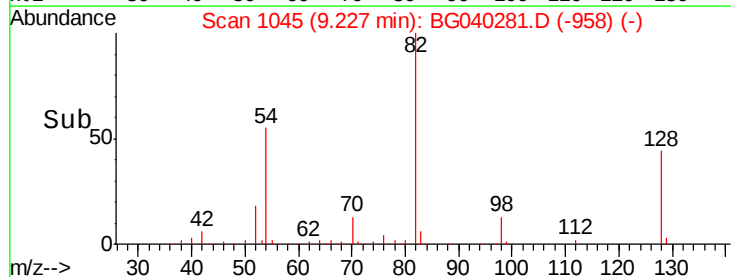
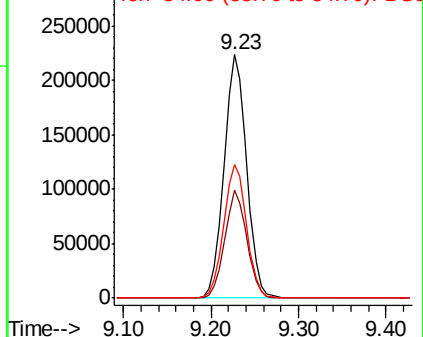


#23
Nitrobenzene-d5
Concen: 87.389 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.02 min
Lab File: BG040281.D
Acq: 2 Apr 2019 1:34

Tgt Ion:	82	Resp:	396053
Ion	Ratio	Lower	Upper
82	100		
128	44.1	35.8	53.8
54	54.7	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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Instrument :

BNA_G

ClientSampleId :

TP-4D

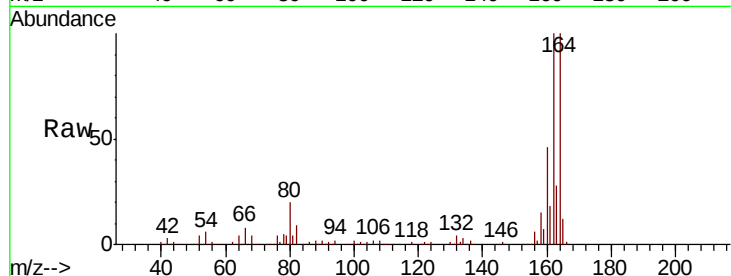
Tgt Ion:164 Resp: 177329

Ion Ratio Lower Upper

164 100

162 100.4 77.4 116.2

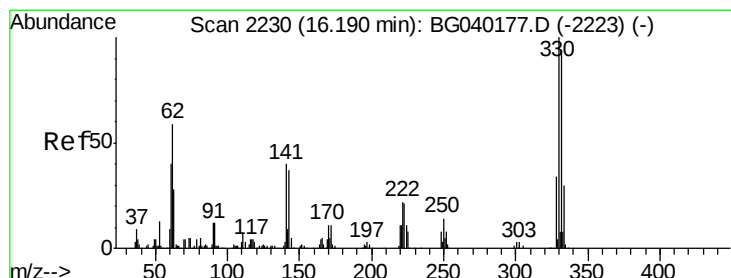
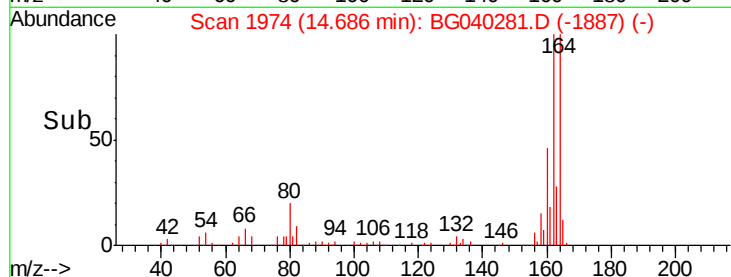
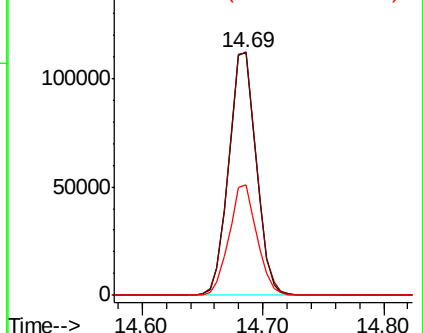
160 45.7 35.3 52.9



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: 157.277 ng

RT: 16.17 min Scan# 2227

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

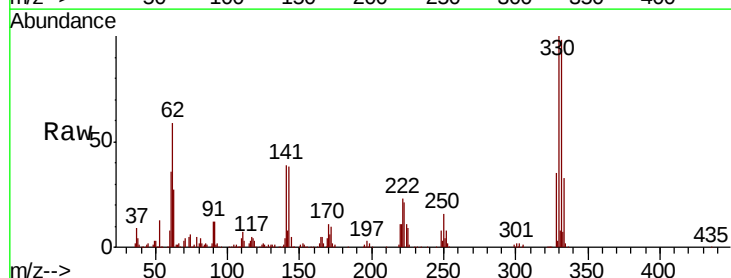
Tgt Ion:330 Resp: 301415

Ion Ratio Lower Upper

330 100

332 98.6 76.6 115.0

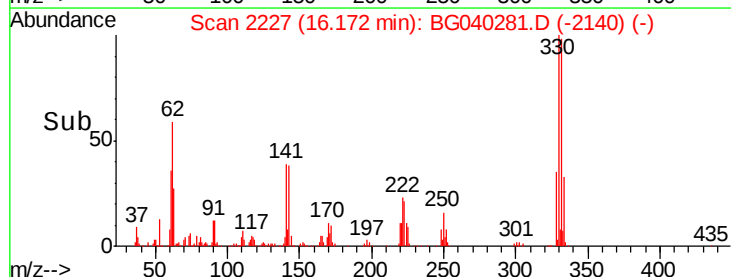
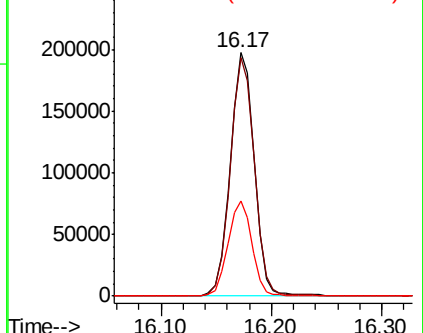
141 38.9 32.6 48.8



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: 82.479 ng

RT: 13.30 min Scan# 1739

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Instrument :

BNA_G

ClientSampleId :

TP-4D

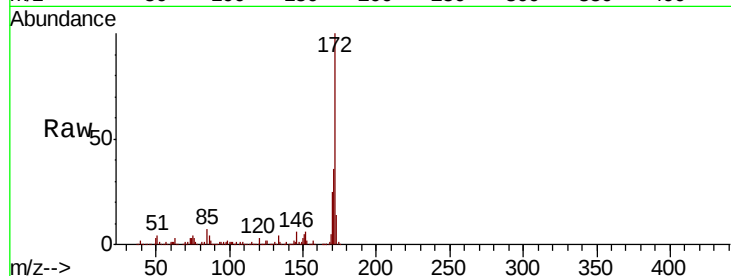
Tgt Ion:172 Resp: 987060

Ion Ratio Lower Upper

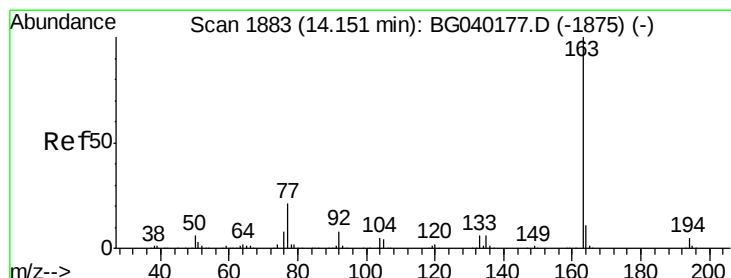
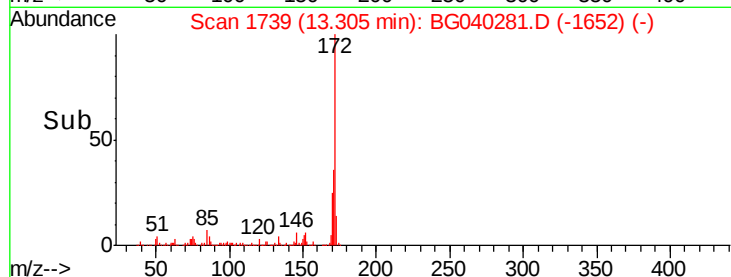
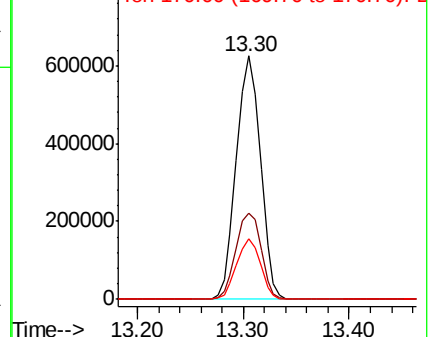
172 100

171 35.6 30.5 45.7

170 24.9 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: 5.744 ng

RT: 14.13 min Scan# 1879

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

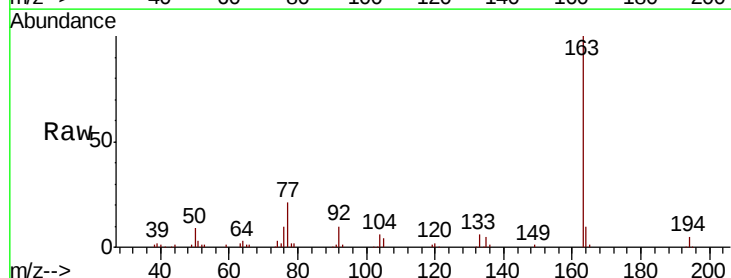
Tgt Ion:163 Resp: 79715

Ion Ratio Lower Upper

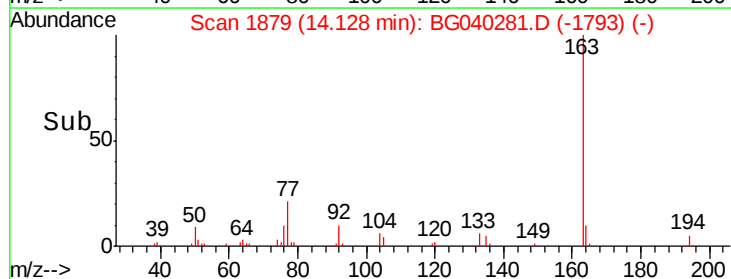
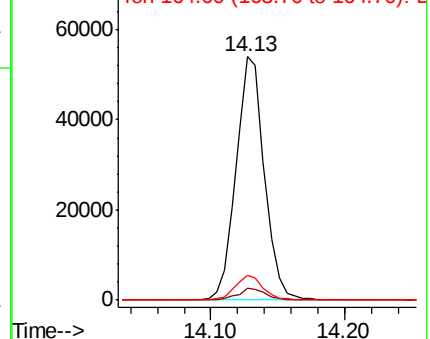
163 100

194 5.0 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

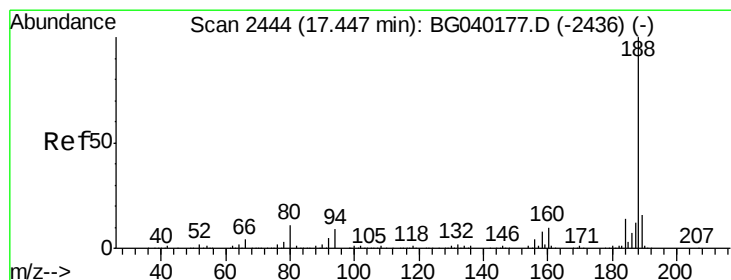
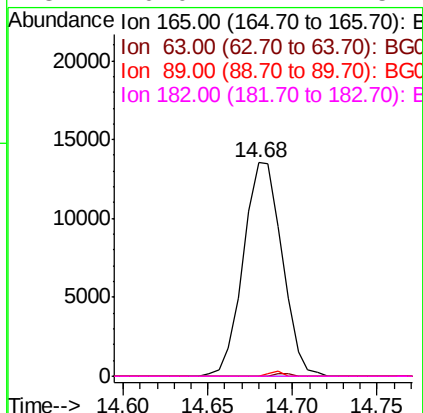
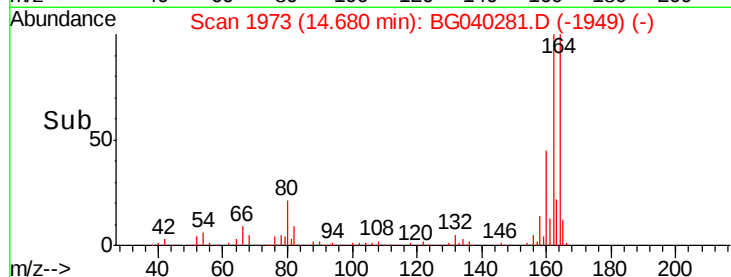
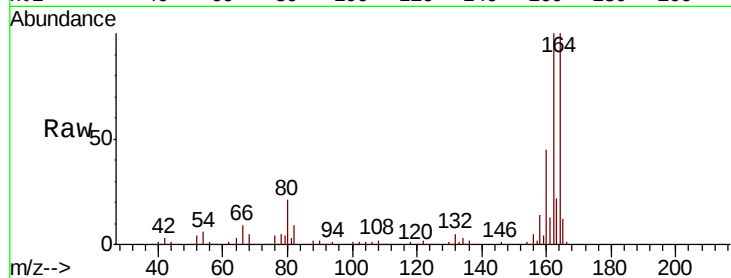




#57
 2,4-Dinitrotoluene
 Concen: 4.999 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.39 min
 Lab File: BG040281.D
 Acq: 2 Apr 2019 1:34

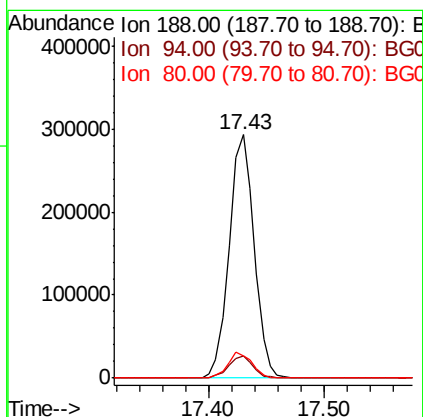
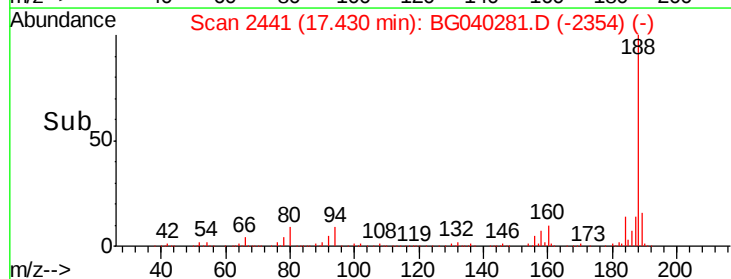
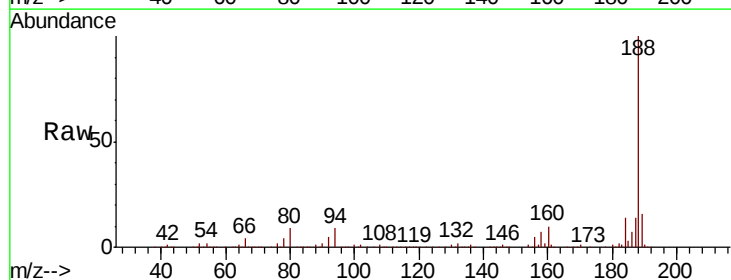
Instrument :
 BNA_G
 ClientSampleId :
 TP-4D

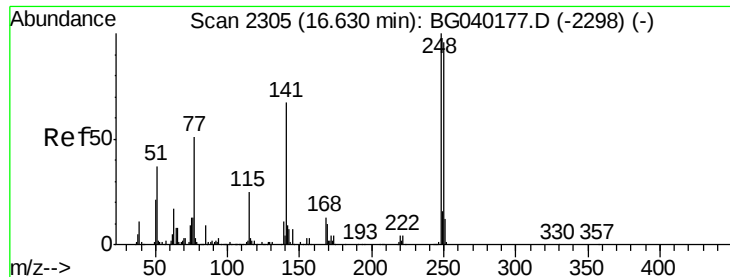
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.8	50.6#
89	0.0	55.4	83.2#
182	0.0	2.2	3.4#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.43 min Scan# 2441
 Delta R.T. -0.02 min
 Lab File: BG040281.D
 Acq: 2 Apr 2019 1:34

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.4
80	9.3	8.6	13.0

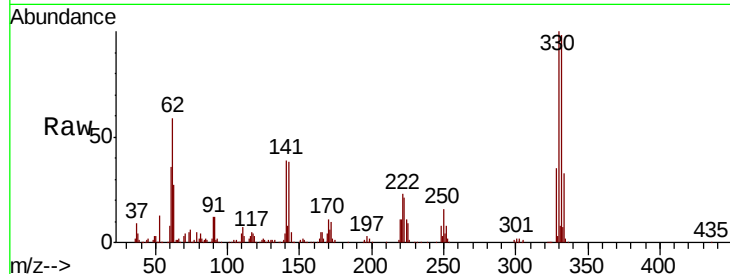




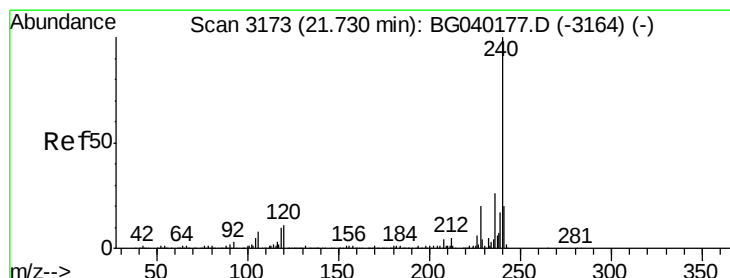
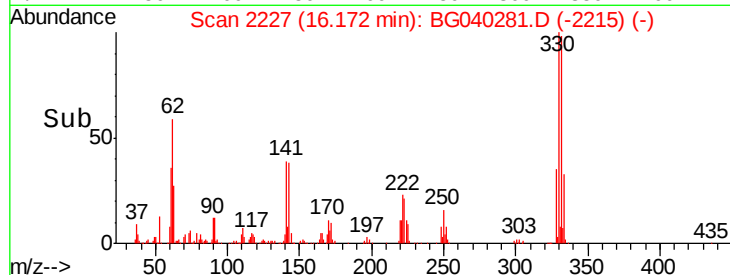
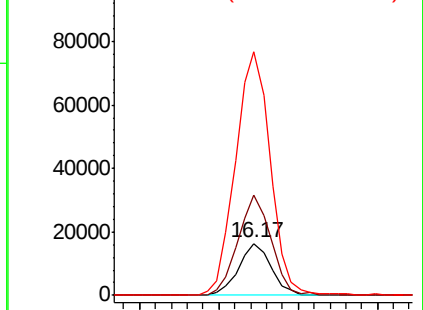
#67
 4-Bromophenyl-phenylether
 Concen: 4.719 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.46 min
 Lab File: BG040281.D
 Acq: 2 Apr 2019 1:34

Instrument :
 BNA_G
 ClientSampleId :
 TP-4D

Tgt Ion:248 Resp: 23283
 Ion Ratio Lower Upper
 248 100
 250 193.1 76.4 114.6#
 141 466.0 53.8 80.8#

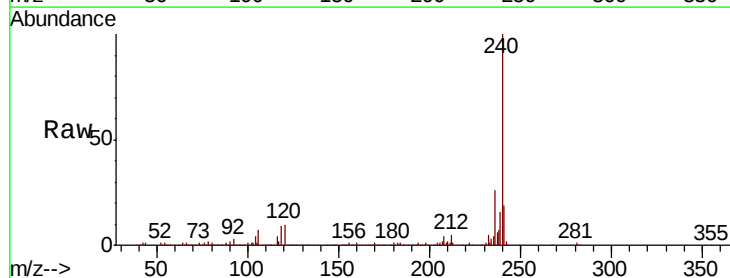


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

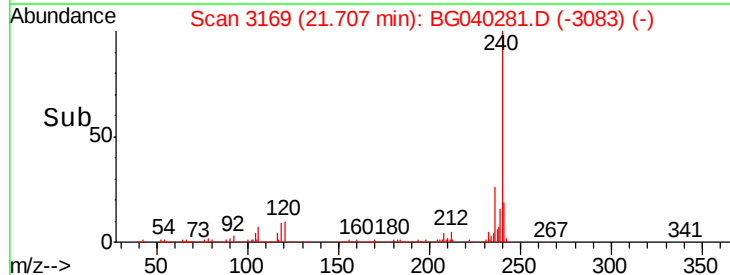
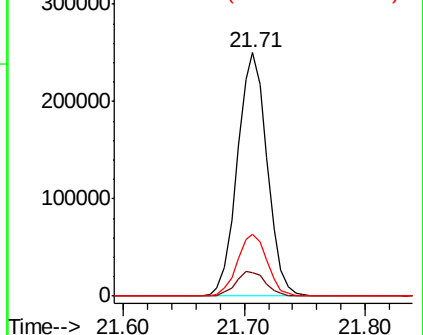


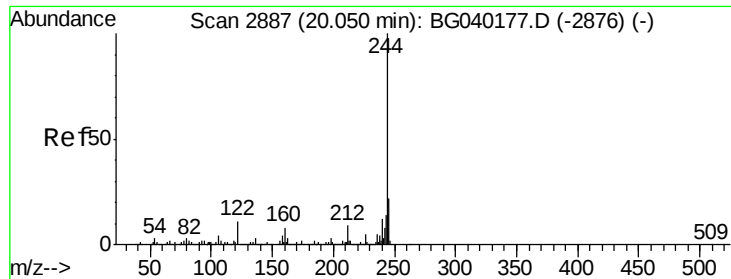
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.71 min Scan# 3169
 Delta R.T. -0.02 min
 Lab File: BG040281.D
 Acq: 2 Apr 2019 1:34

Tgt Ion:240 Resp: 429057
 Ion Ratio Lower Upper
 240 100
 120 9.5 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: 78.403 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040281.D

Acq: 2 Apr 2019 1:34

Instrument :

BNA_G

ClientSampled :

TP-4D

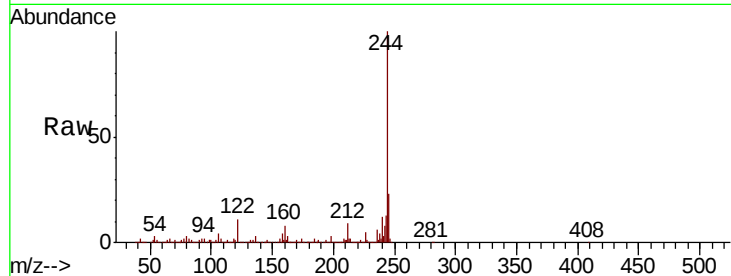
Tgt Ion:244 Resp: 1495306

Ion Ratio Lower Upper

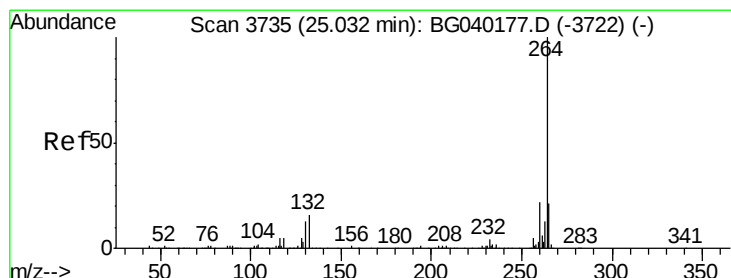
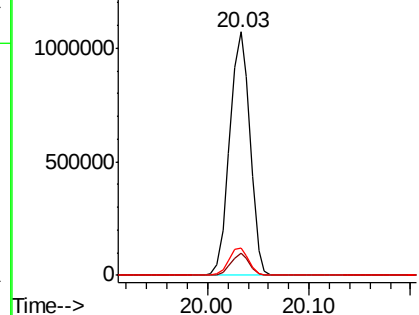
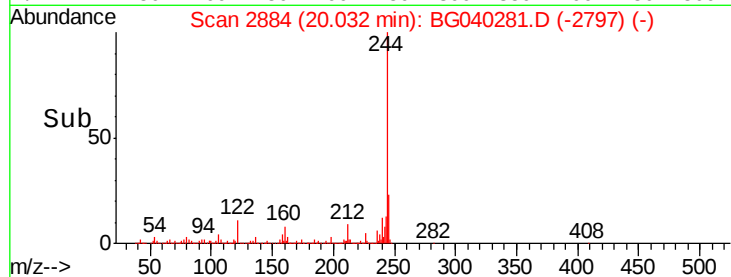
244 100

212 9.2 7.0 10.6

122 11.5 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: BG040281.D

Acq: 2 Apr 2019 1:34

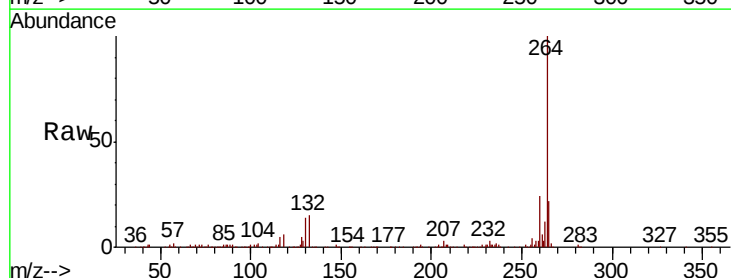
Tgt Ion:264 Resp: 429944

Ion Ratio Lower Upper

264 100

260 23.9 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

