

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032919\
 Data File : BG040256.D
 Acq On : 30 Mar 2019 11:15
 Operator : JU/SJ
 Sample : K2106-02RE
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-2

Quant Time: Apr 01 02:07:30 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

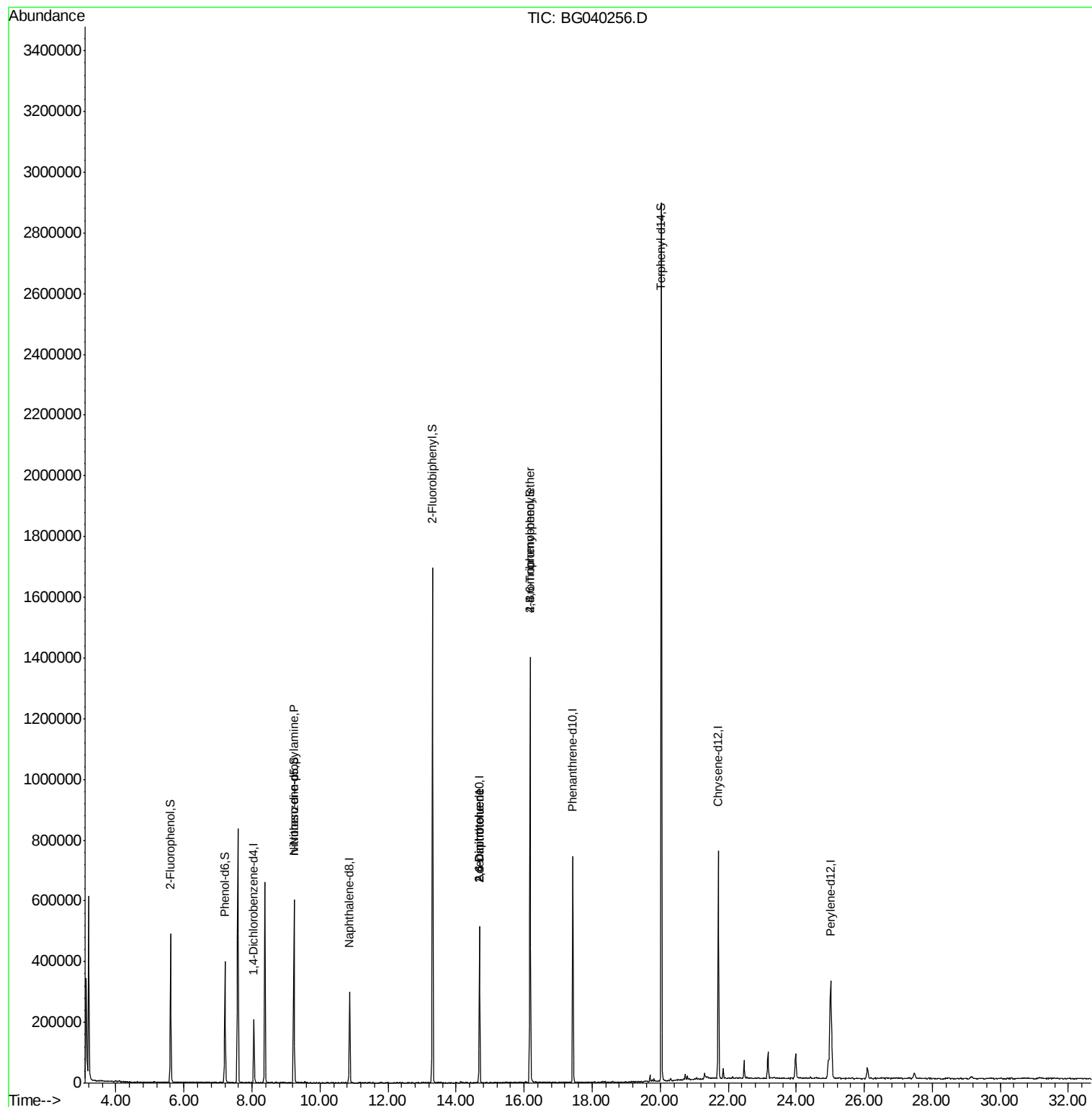
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59856	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	261308	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	180377	20.00	ng	-0.02
64) Phenanthrene-d10	17.43	188	454599	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	453637	20.00	ng	-0.02
87) Perylene-d12	25.01	264	455625	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	218316	60.63	ng	-0.01
7) Phenol-d6	7.21	99	240441	48.32	ng	-0.02
23) Nitrobenzene-d5	9.23	82	366918	74.64	ng	-0.01
42) 2,4,6-Tribromophenol	16.18	330	254663	130.64	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	911864	74.91	ng	-0.02
79) Terphenyl-d14	20.03	244	1488659	73.82	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	46146	12.934	ng	# 68
51) 2,6-Dinitrotoluene	14.69	165	22253	7.020	ng	# 25
57) 2,4-Dinitrotoluene	14.69	165	22253	5.052	ng	# 26
67) 4-Bromophenyl-phenylether	16.18	248	19980	3.906	ng	# 1

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

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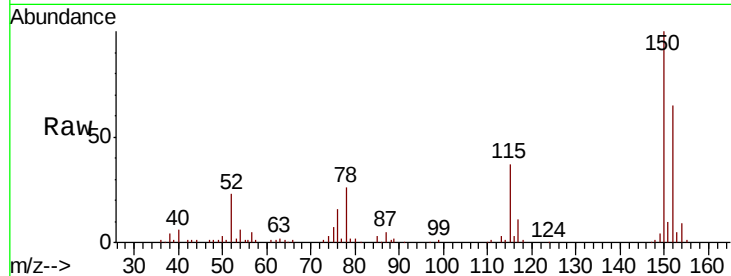


#1

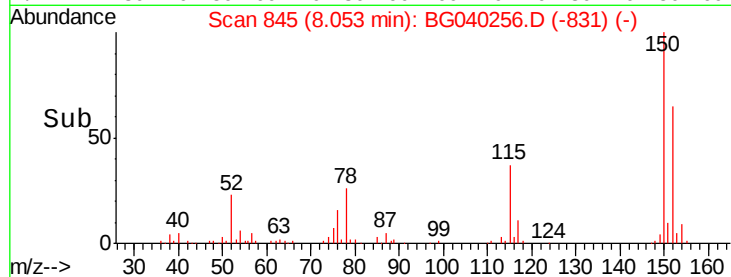
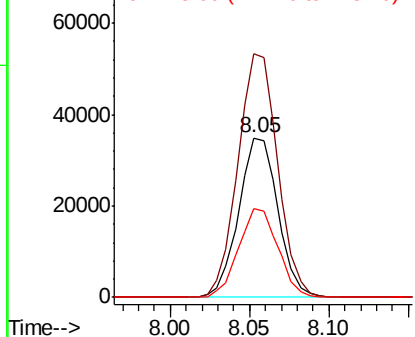
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.02 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Instrument :
BNA_G
ClientSampleId :
W-2

Tgt Ion:152 Resp: 59856
Ion Ratio Lower Upper
152 100
150 152.8 123.7 185.5
115 56.1 46.9 70.3



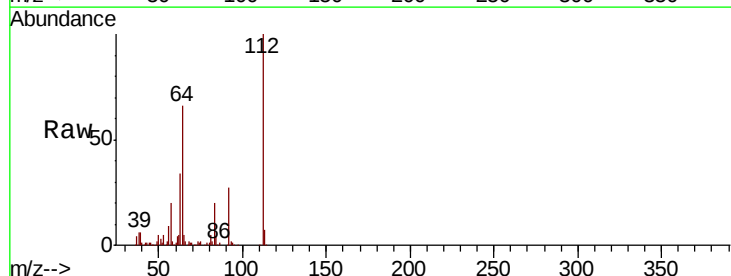
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



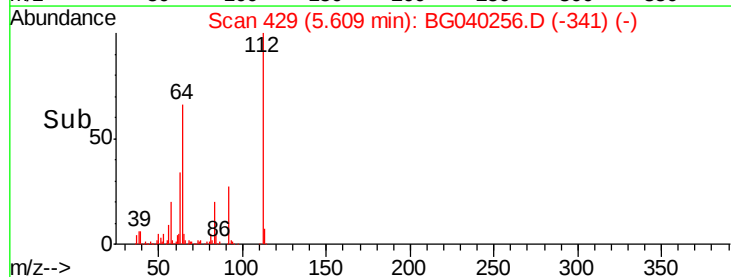
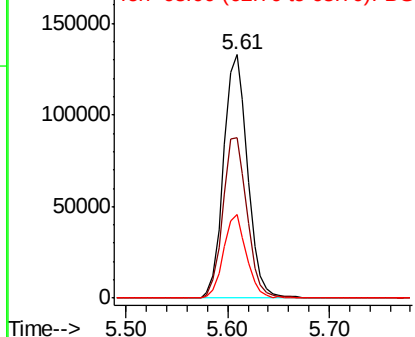
#5

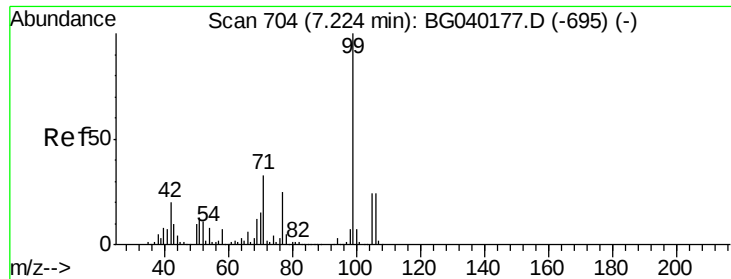
2-Fluorophenol
Concen: 60.634 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.01 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Tgt Ion:112 Resp: 218316
Ion Ratio Lower Upper
112 100
64 66.1 54.2 81.2
63 34.4 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: 48.320 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Instrument :

BNA_G

ClientSampleId :

W-2

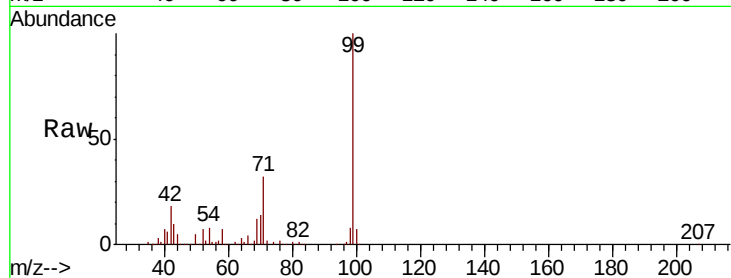
Tgt Ion: 99 Resp: 240441

Ion Ratio Lower Upper

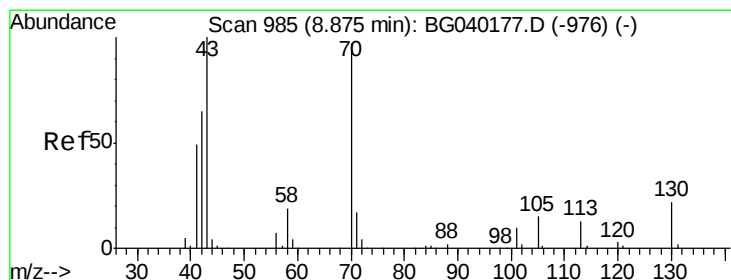
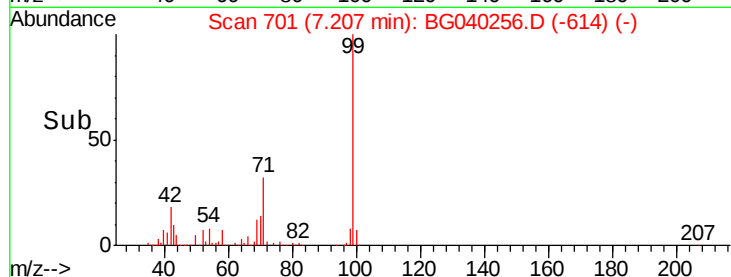
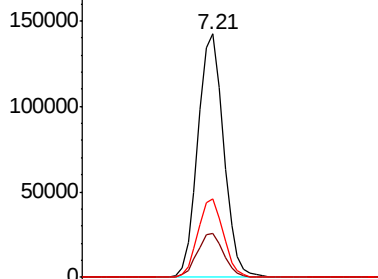
99 100

42 18.2 16.2 24.2

71 32.0 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: 12.934 ng

RT: 9.23 min Scan# 1046

Delta R.T. 0.36 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Tgt Ion: 70 Resp: 46146

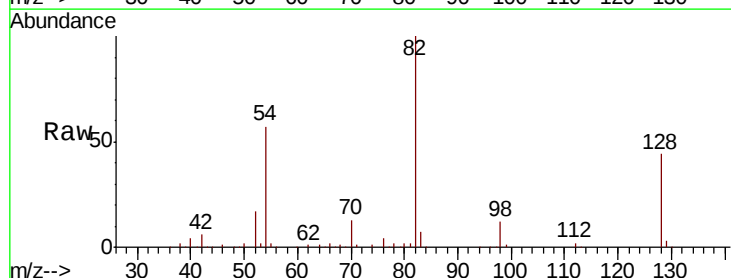
Ion Ratio Lower Upper

70 100

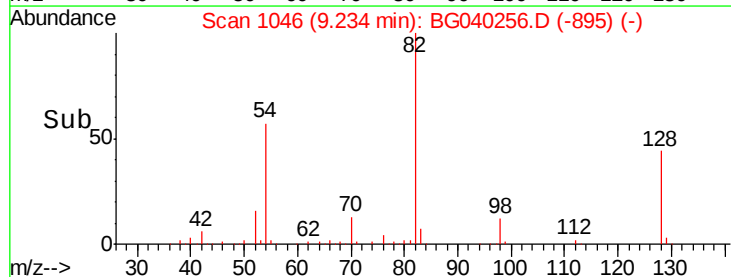
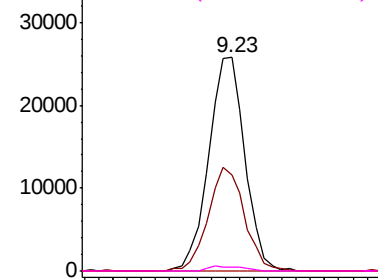
42 45.0 54.0 81.0#

101 0.0 8.6 13.0#

130 1.6 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

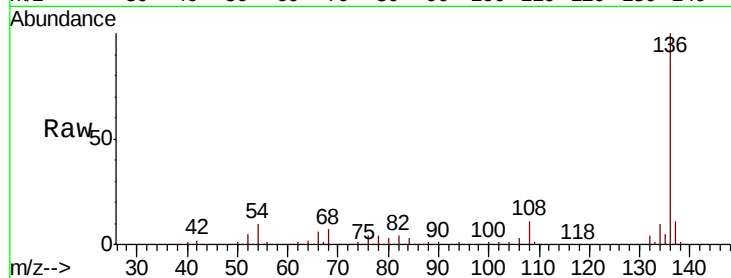




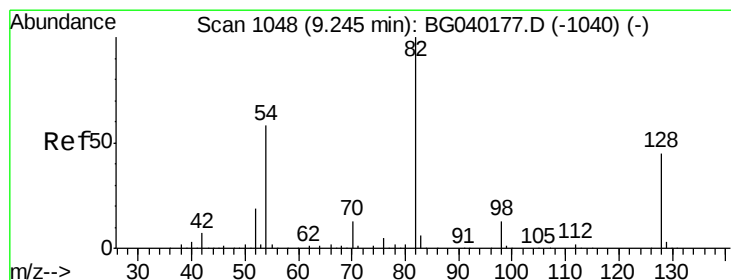
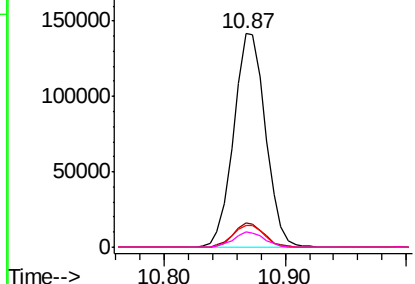
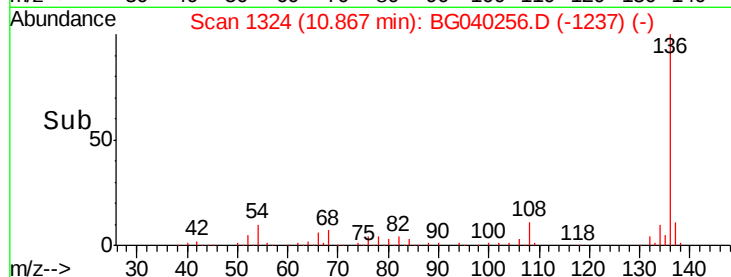
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.02 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Instrument :
BNA_G
ClientSampleId :
W-2

Tgt Ion:	136	Resp:	261308
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	10.0	9.6	14.4
68	7.3	5.1	7.7

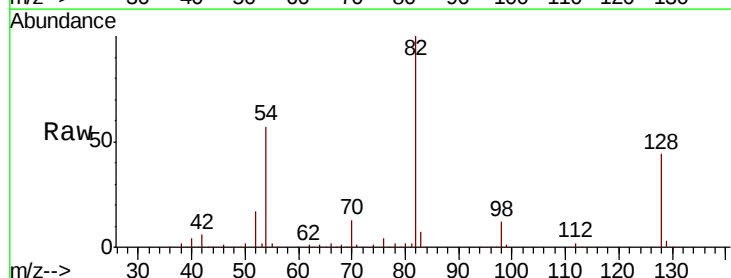


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

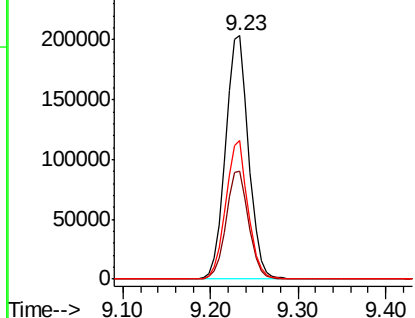
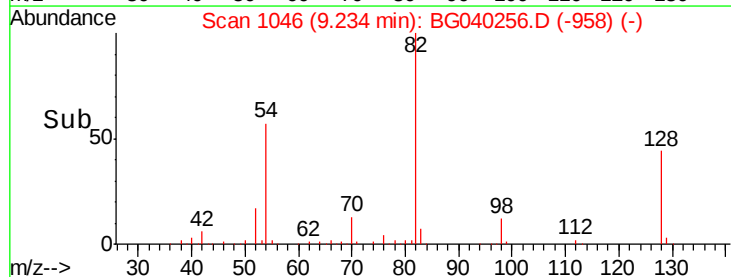


#23
Nitrobenzene-d5
Concen: 74.636 ng
RT: 9.23 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Tgt Ion:	82	Resp:	366918
Ion	Ratio	Lower	Upper
82	100		
128	44.4	35.8	53.8
54	57.0	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: 14.69 min Scan# 1974

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Instrument :

BNA_G

ClientSampleId :

W-2

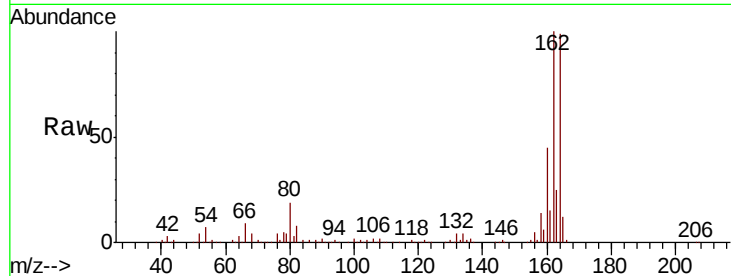
Tgt Ion:164 Resp: 180377

Ion Ratio Lower Upper

164 100

162 100.8 77.4 116.2

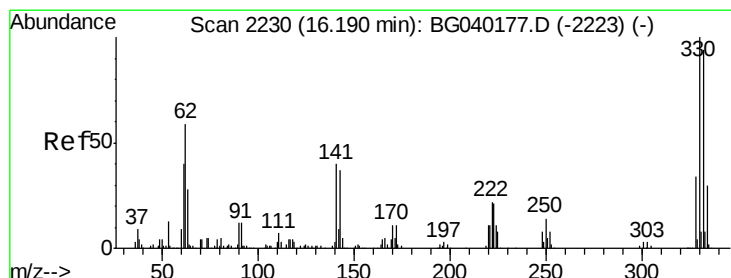
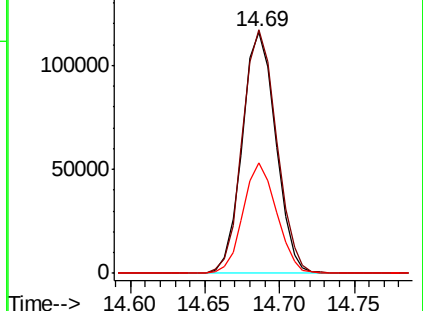
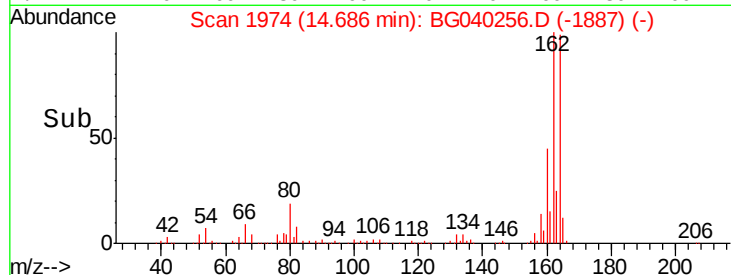
160 45.8 35.3 52.9



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: 130.636 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.01 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

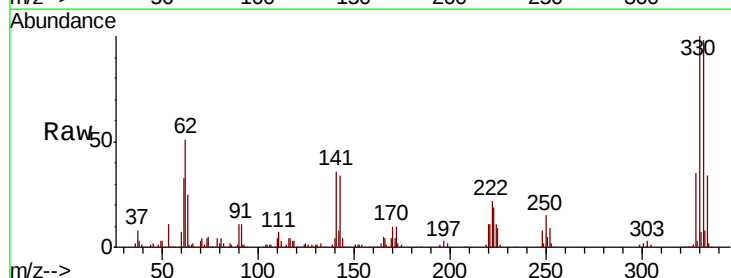
Tgt Ion:330 Resp: 254663

Ion Ratio Lower Upper

330 100

332 99.9 76.6 115.0

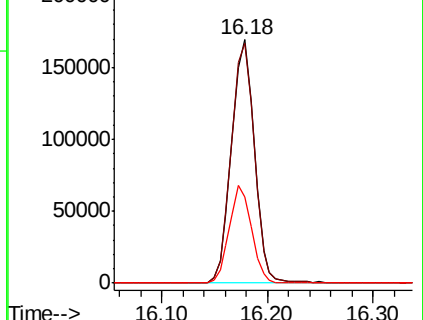
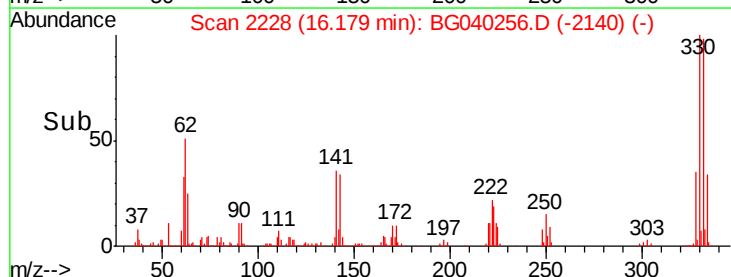
141 39.1 32.6 48.8



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

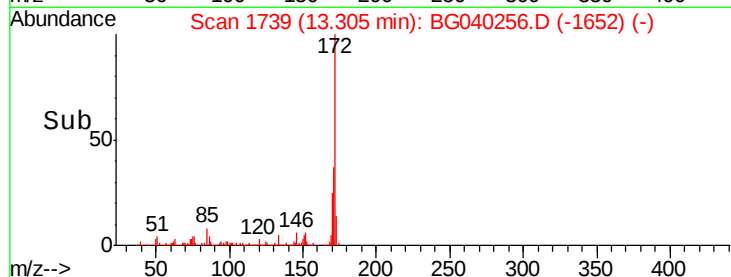
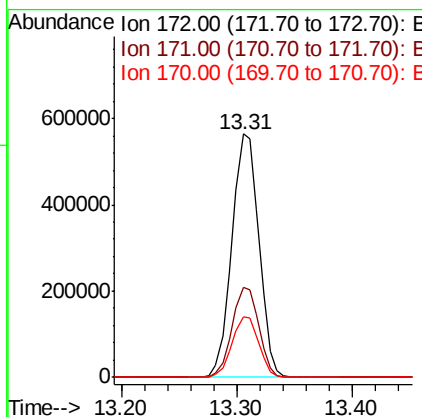
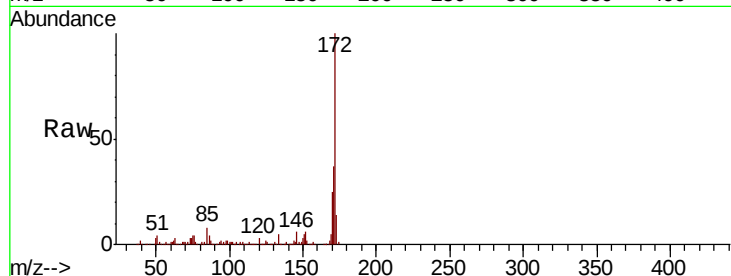




#45
2-Fluorobiphenyl
Concen: 74.908 ng
RT: 13.31 min Scan# 1739
Delta R.T. -0.02 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

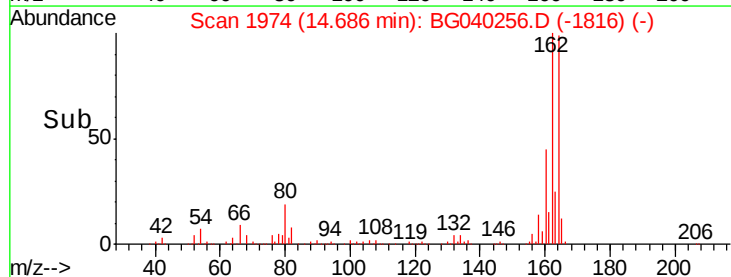
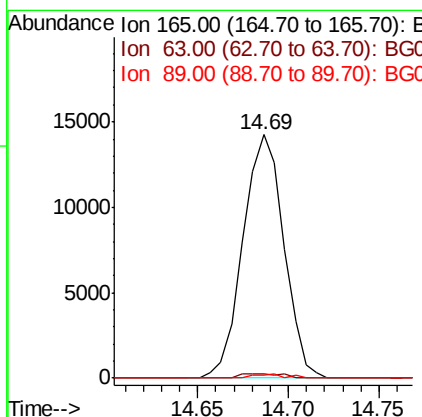
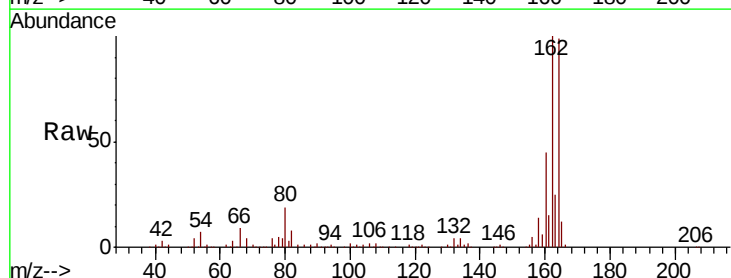
Instrument :
BNA_G
ClientSampleId :
W-2

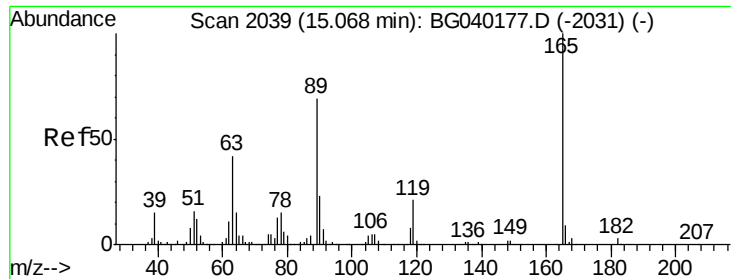
Tgt Ion:172 Resp: 911864
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 25.1 20.1 30.1



#51
2,6-Dinitrotoluene
Concen: 7.020 ng
RT: 14.69 min Scan# 1974
Delta R.T. 0.40 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Tgt Ion:165 Resp: 22253
Ion Ratio Lower Upper
165 100
63 1.6 44.1 66.1#
89 1.2 44.9 67.3#

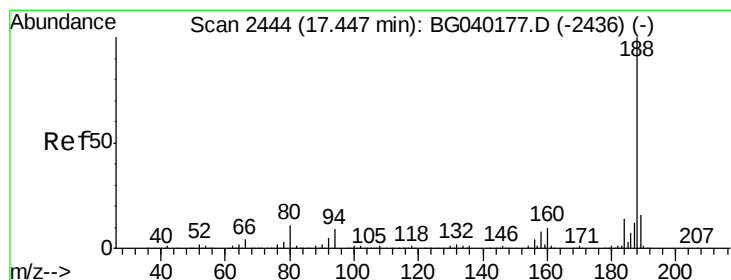
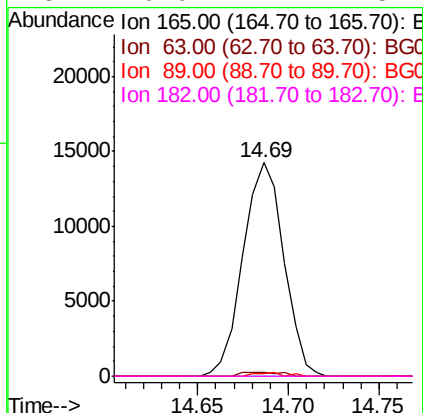
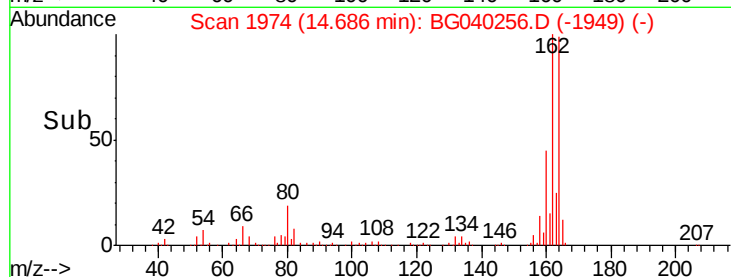
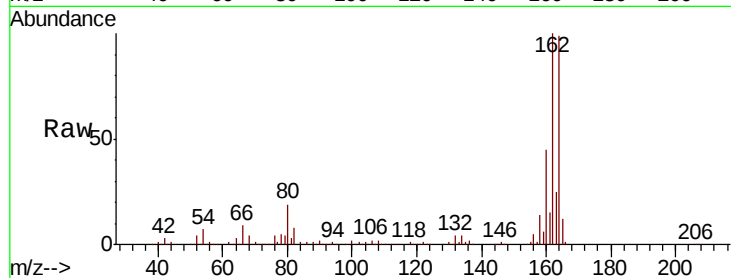




#57
 2,4-Dinitrotoluene
 Concen: 5.052 ng
 RT: 14.69 min Scan# 1974
 Delta R.T. -0.38 min
 Lab File: BG040256.D
 Acq: 30 Mar 2019 11:15

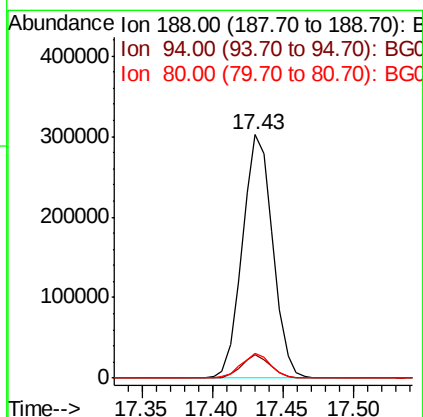
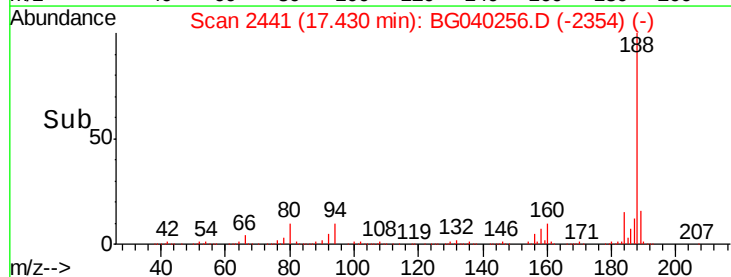
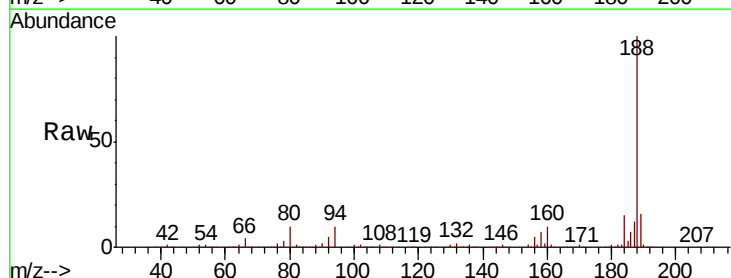
Instrument :
 BNA_G
 ClientSampleId :
 W-2

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	33.8	50.6#
89	1.2	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: BG040256.D
 Acq: 30 Mar 2019 11:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.0	10.4
80	10.2	8.6	13.0

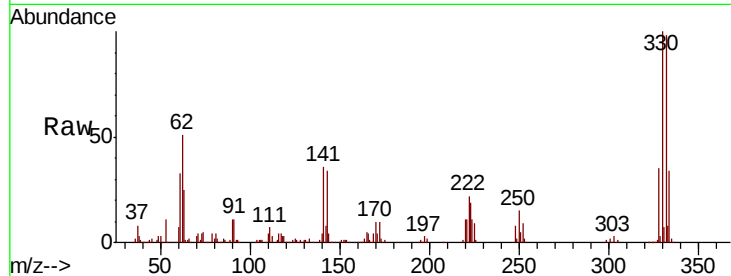




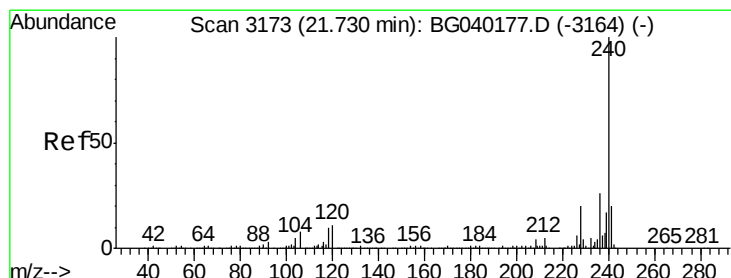
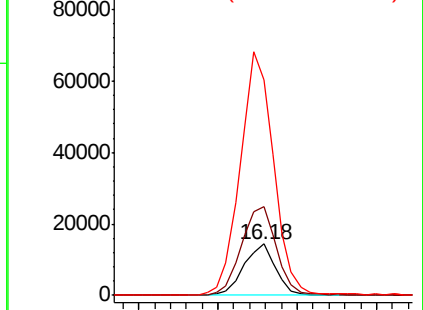
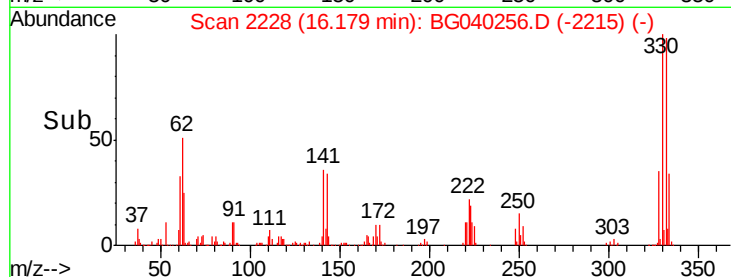
#67
4-Bromophenyl-phenylether
Concen: 3.906 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.45 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Instrument :
BNA_G
ClientSampleId :
W-2

Tgt Ion:248 Resp: 19980
Ion Ratio Lower Upper
248 100
250 174.0 76.4 114.6#
141 420.5 53.8 80.8#

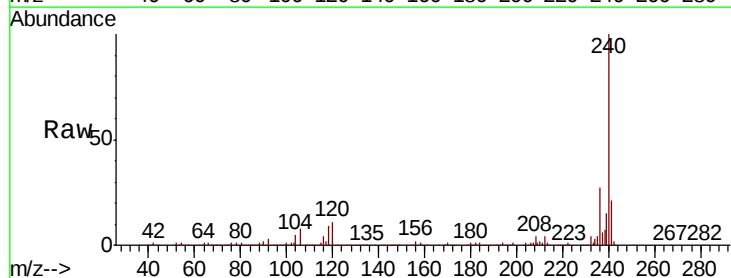


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

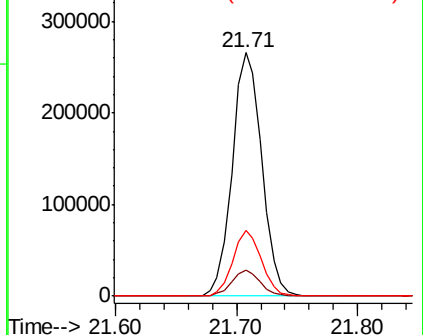
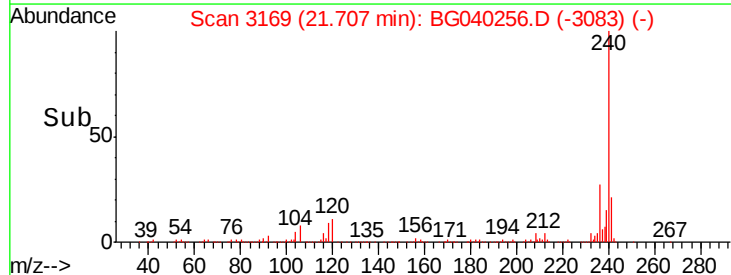


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.02 min
Lab File: BG040256.D
Acq: 30 Mar 2019 11:15

Tgt Ion:240 Resp: 453637
Ion Ratio Lower Upper
240 100
120 10.6 8.4 12.6
236 26.9 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: 73.825 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.02 min

Lab File: BG040256.D

Acq: 30 Mar 2019 11:15

Instrument :

BNA_G

ClientSampleId :

W-2

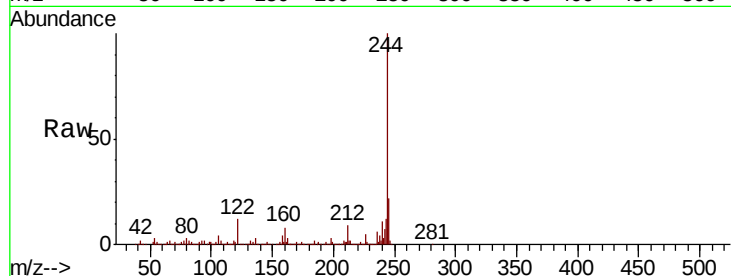
Tgt Ion:244 Resp: 1488659

Ion Ratio Lower Upper

244 100

212 8.8 7.0 10.6

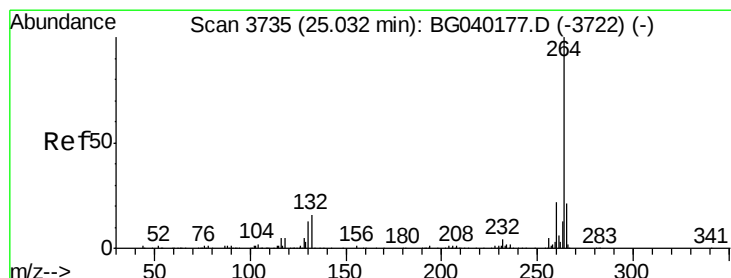
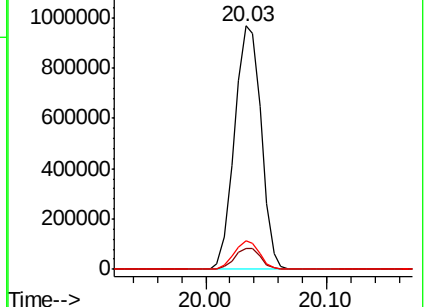
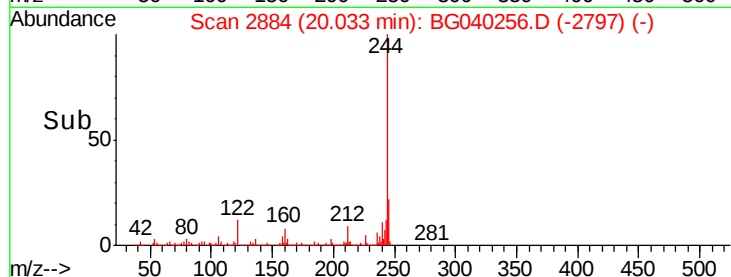
122 11.7 8.5 12.7



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: BG040256.D

Acq: 30 Mar 2019 11:15

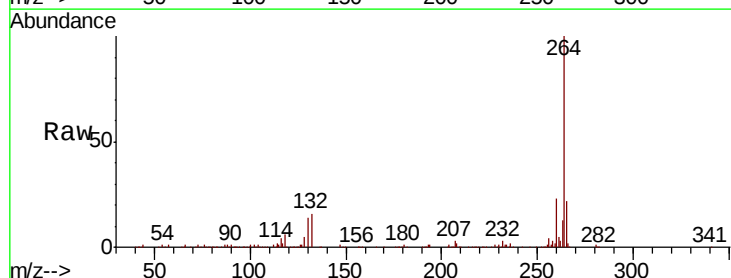
Tgt Ion:264 Resp: 455625

Ion Ratio Lower Upper

264 100

260 22.5 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

