

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031819\
 Data File : BG039988.D
 Acq On : 19 Mar 2019 3:09
 Operator : JU/SJ
 Sample : K1930-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Mar 19 08:36:37 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

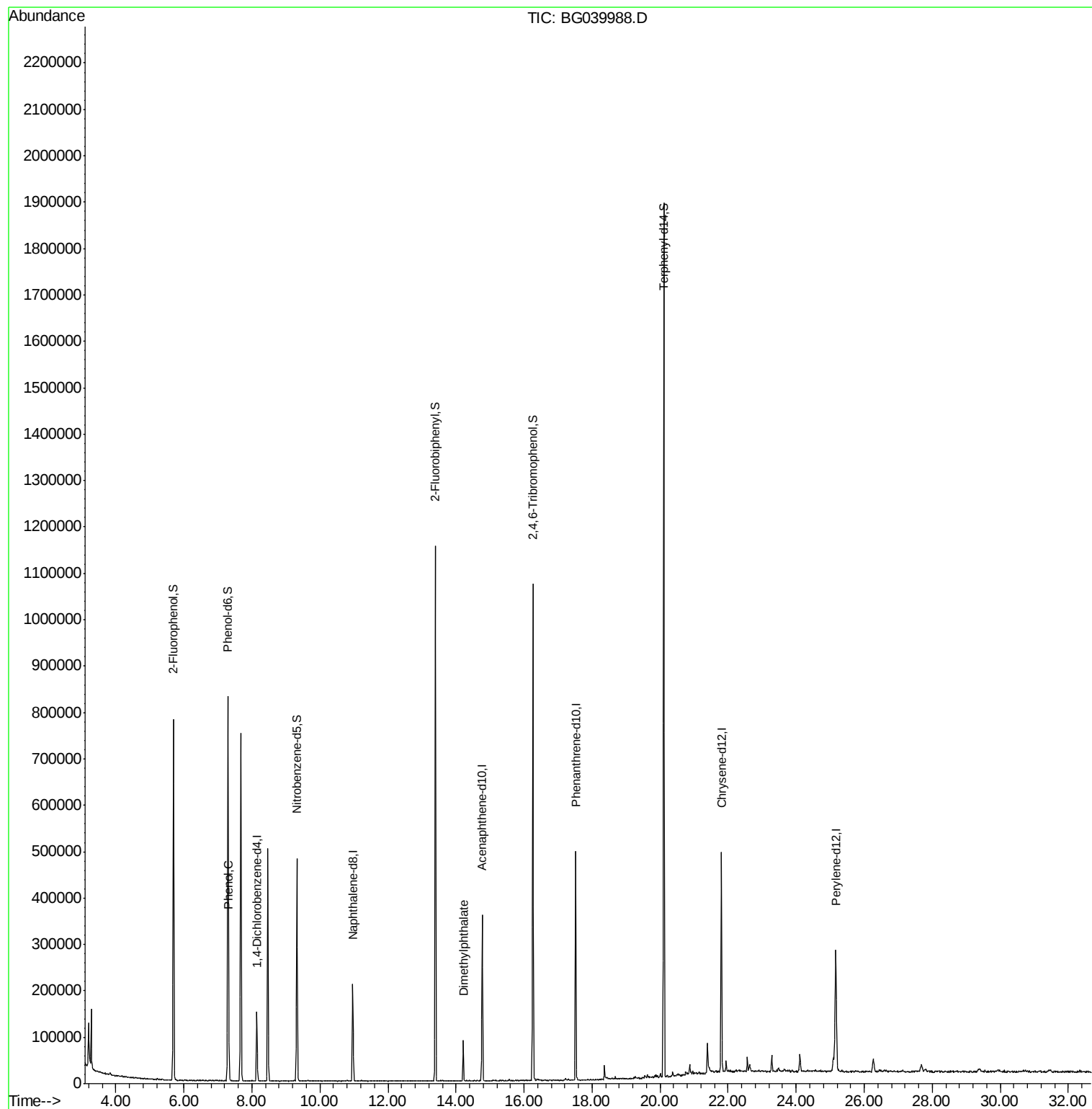
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40212	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	176652	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	124659	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	298615	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	290989	20.00	ng	-0.03
87) Perylene-d12	25.16	264	294944	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	305594	129.65	ng	-0.02
7) Phenol-d6	7.30	99	455931	129.73	ng	-0.02
23) Nitrobenzene-d5	9.32	82	278375	85.23	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	179693	123.67	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	587380	67.09	ng	-0.02
79) Terphenyl-d14	20.11	244	858709	64.98	ng	-0.02
Target Compounds						
10) Phenol	7.32	94	27586	7.245	ng	Qvalue 96
50) Dimethylphthalate	14.22	163	57965	5.561	ng	# 97

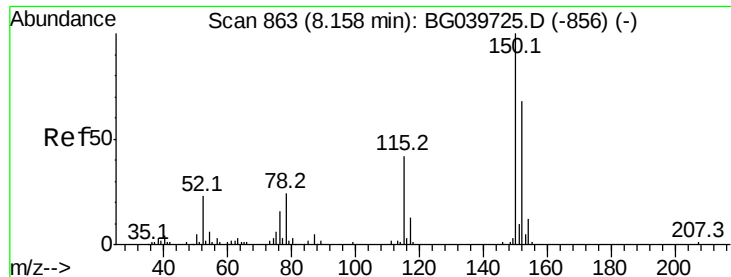
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 861

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Instrument :

BNA_G

ClientSampled :

TP-3

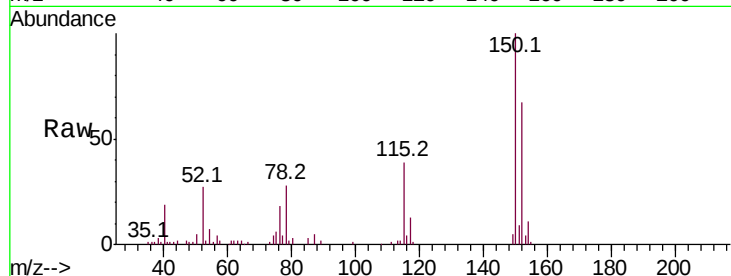
Tot Ion:152 Resp: 40212

Ion Ratio Lower Upper

152 100

150 148.6 123.7 185.5

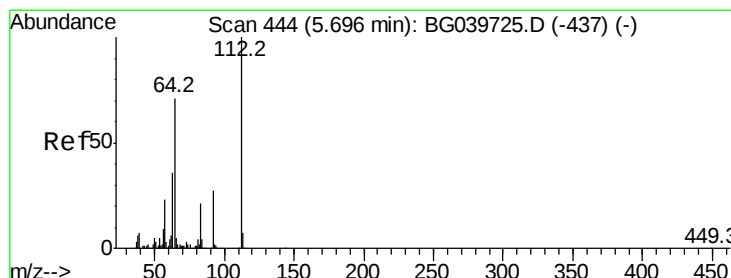
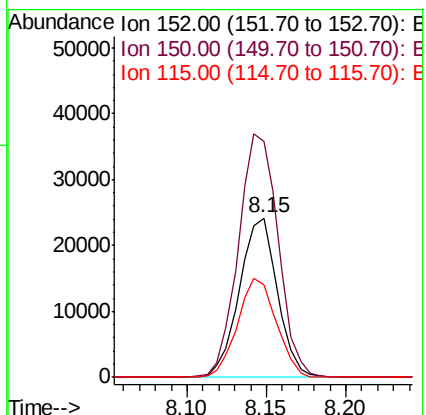
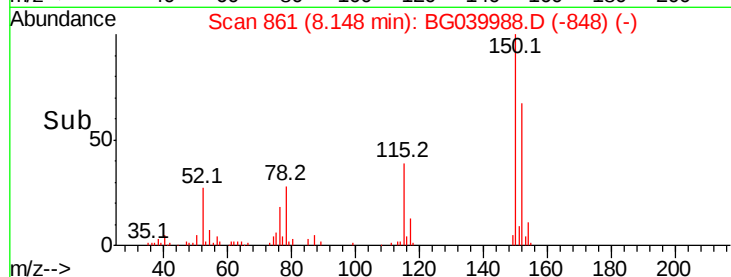
115 57.9 45.9 68.9



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: 129.649 ng

RT: 5.69 min Scan# 443

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

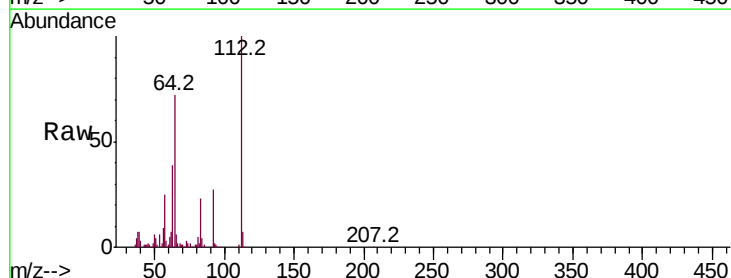
Tgt Ion:112 Resp: 305594

Ion Ratio Lower Upper

112 100

64 72.3 57.8 86.8

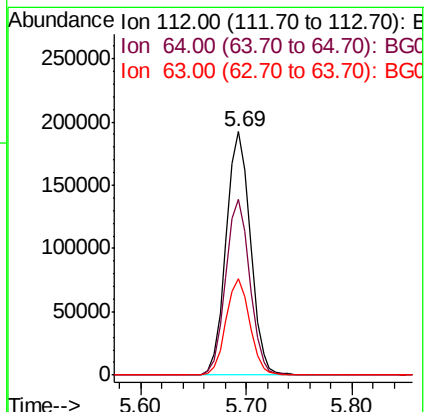
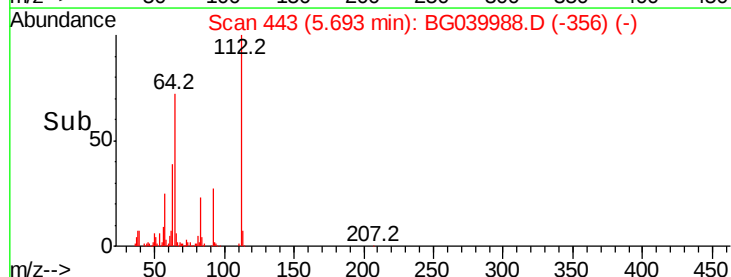
63 39.4 29.8 44.6

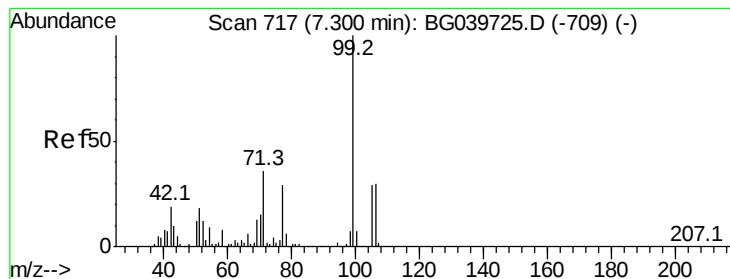


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 129.727 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Instrument :

BNA_G

ClientSampleId :

TP-3

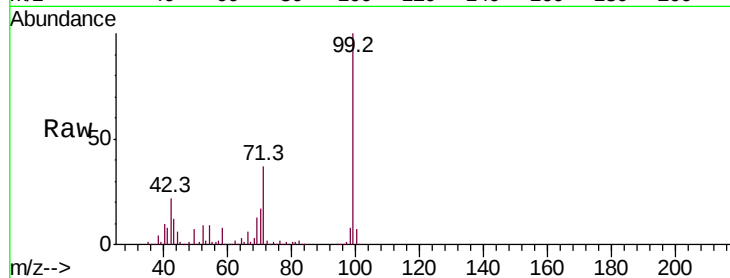
Tot Ion: 99 Resp: 455931

Ion Ratio Lower Upper

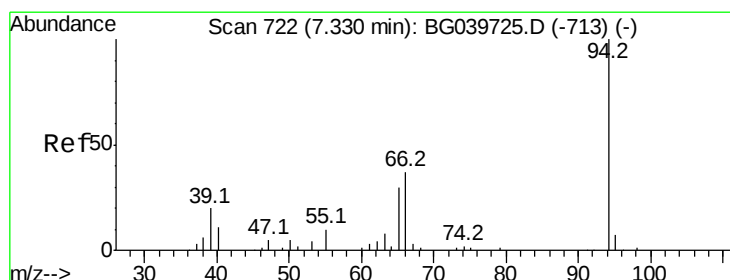
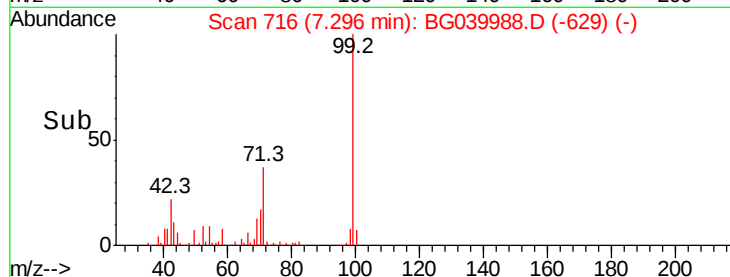
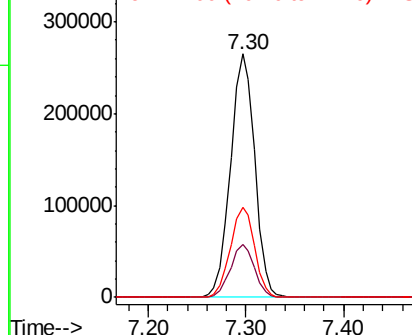
99 100

42 22.0 18.2 27.2

71 37.2 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



#10

Phenol

Concen: 7.245 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

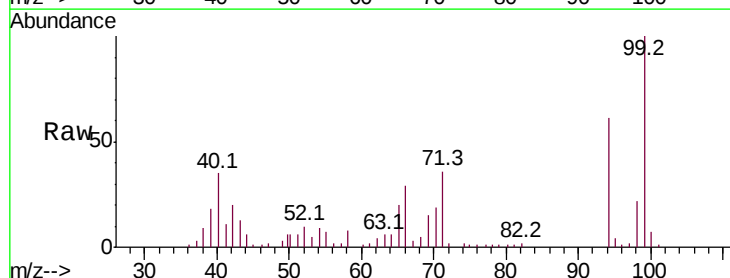
Tgt Ion: 94 Resp: 27586

Ion Ratio Lower Upper

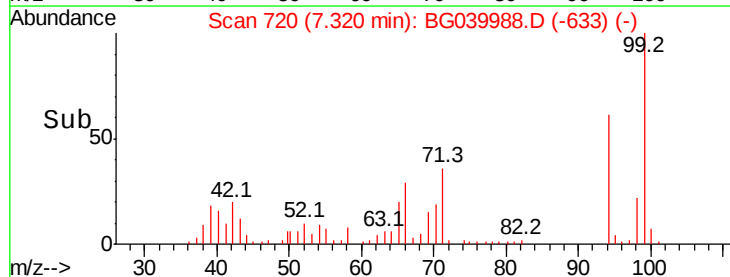
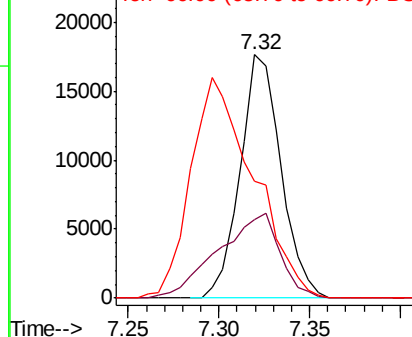
94 100

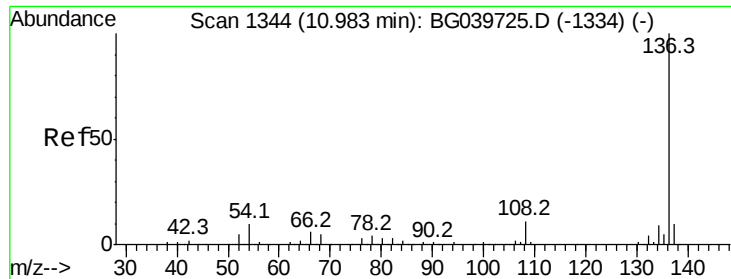
65 32.1 11.7 51.7

66 47.9 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

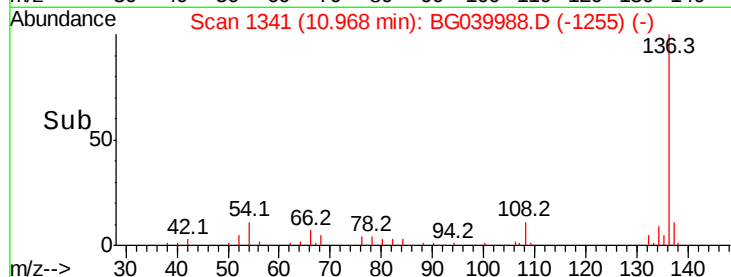
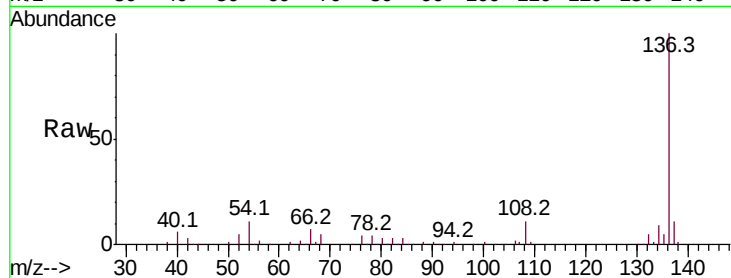




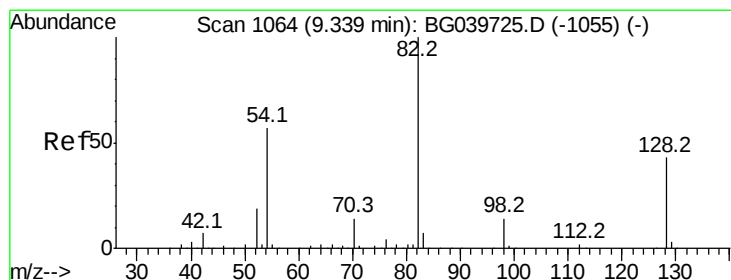
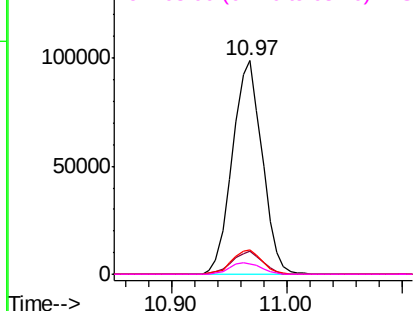
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1341
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Instrument :
BNA_G
ClientSampleId :
TP-3

Tot Ion:136	Resp:	176652
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.1 13.7
54	11.3	9.4 14.2
68	5.0	4.2 6.4

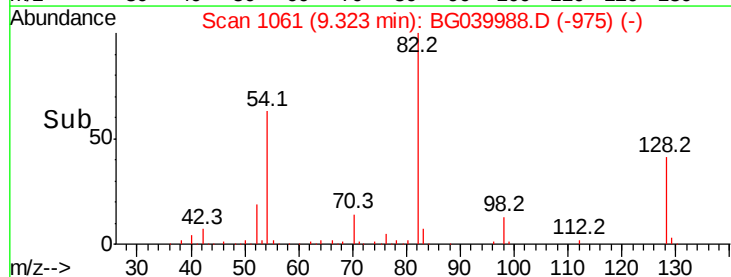
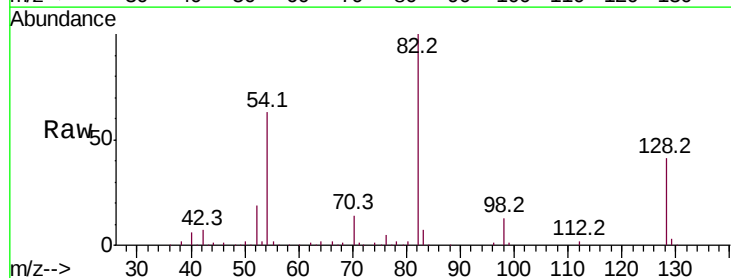


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

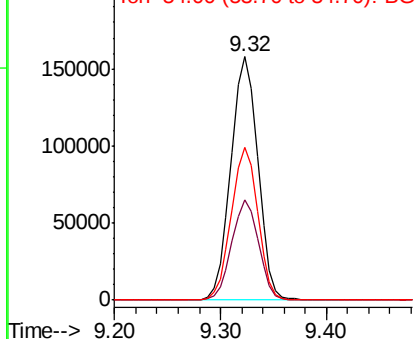


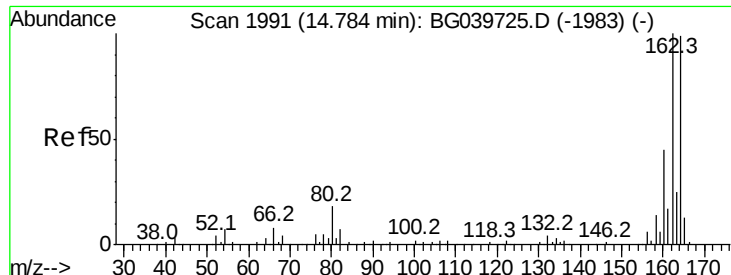
#23
Nitrobenzene-d5
Concen: 85.228 ng
RT: 9.32 min Scan# 1061
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Tgt Ion: 82	Resp:	278375
Ion	Ratio	Lower Upper
82	100	
128	41.2	31.3 46.9
54	62.5	50.9 76.3



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: 14.77 min Scan# 1988

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Instrument :

BNA_G

ClientSampled :

TP-3

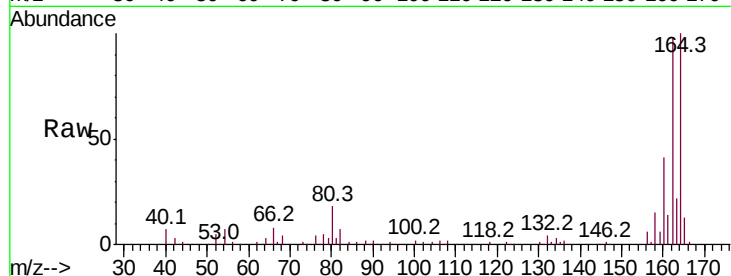
Tot Ion:164 Resp: 124659

Ion Ratio Lower Upper

164 100

162 98.5 81.6 122.4

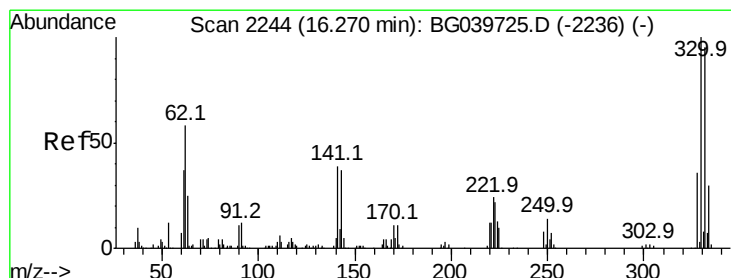
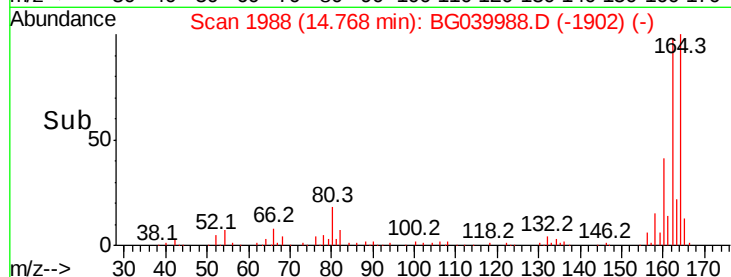
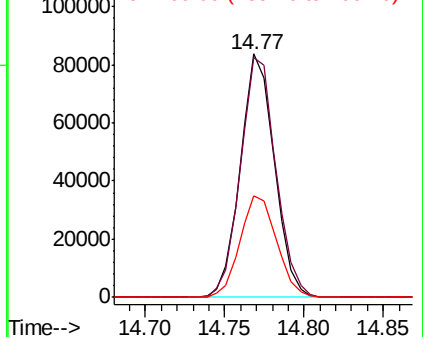
160 41.5 34.2 51.2



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: 123.671 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

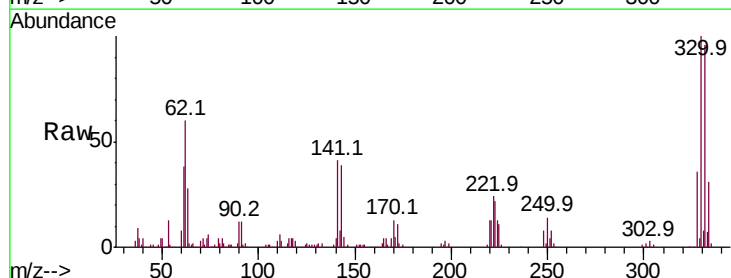
Tgt Ion:330 Resp: 179693

Ion Ratio Lower Upper

330 100

332 96.2 75.7 113.5

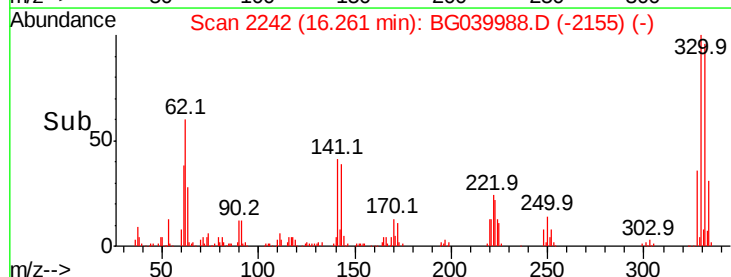
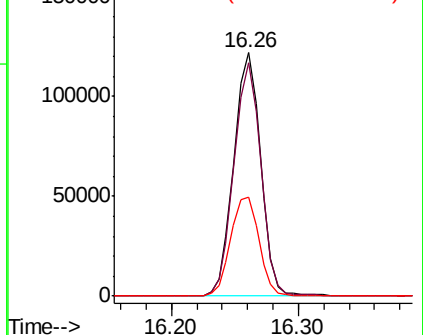
141 42.7 35.6 53.4

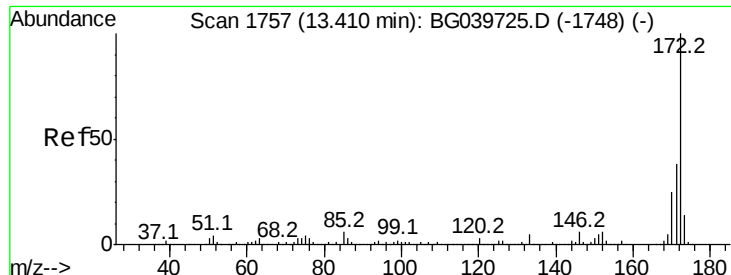


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

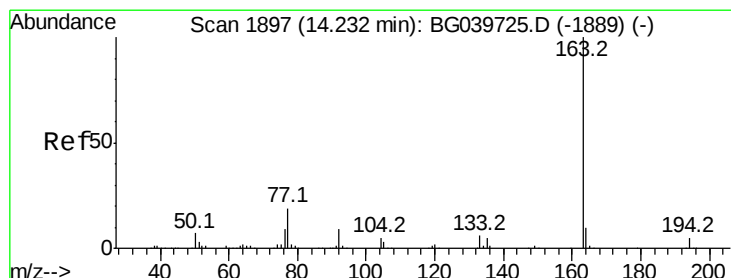
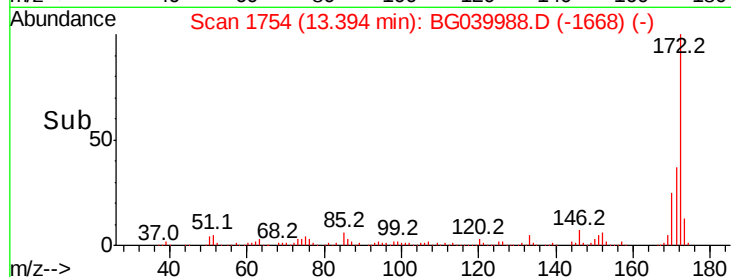
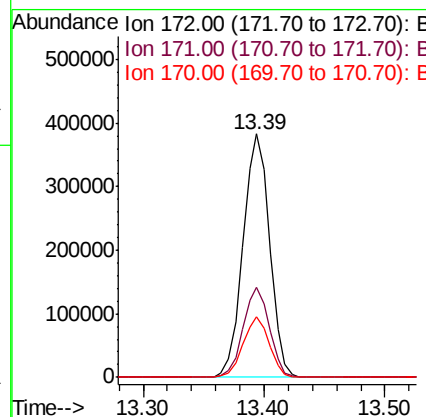
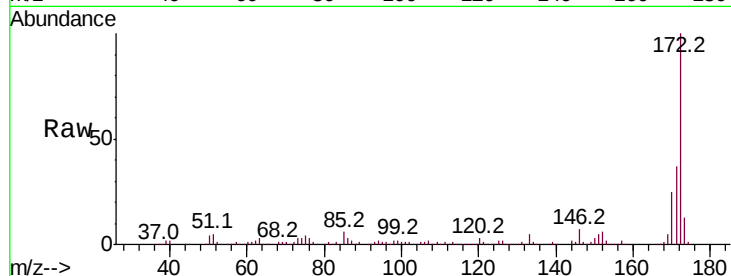




#45
 2-Fluorobiphenyl
 Concen: 67.089 ng
 RT: 13.39 min Scan# 1754
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

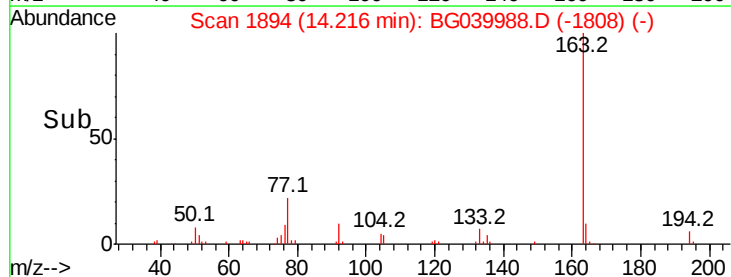
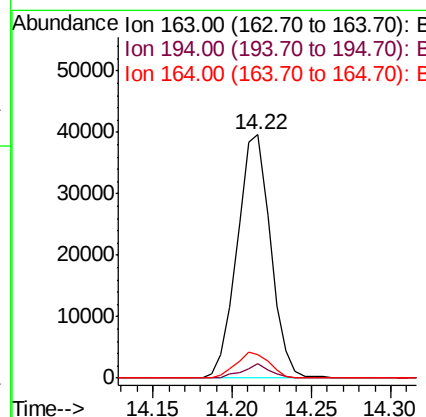
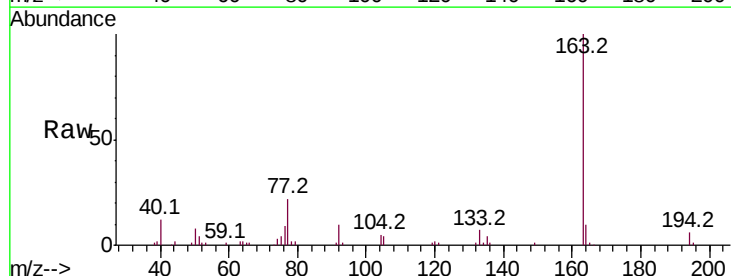
Instrument :
 BNA_G
 ClientSampled :
 TP-3

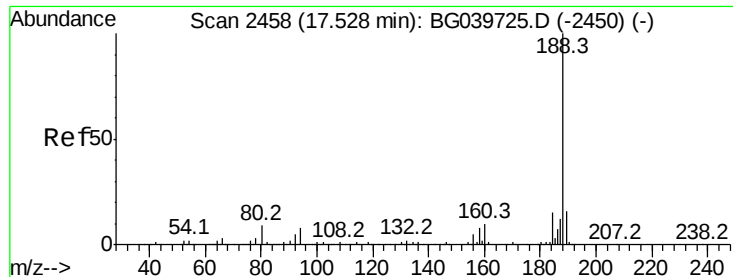
Tot Ion:172 Resp: 587380
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.1 20.2 30.4



#50
 Dimethylphthalate
 Concen: 5.561 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. -0.02 min
 Lab File: BG039988.D
 Acq: 19 Mar 2019 3:09

Tgt Ion:163 Resp: 57965
 Ion Ratio Lower Upper
 163 100
 194 5.9 3.6 5.4#
 164 9.7 8.4 12.6

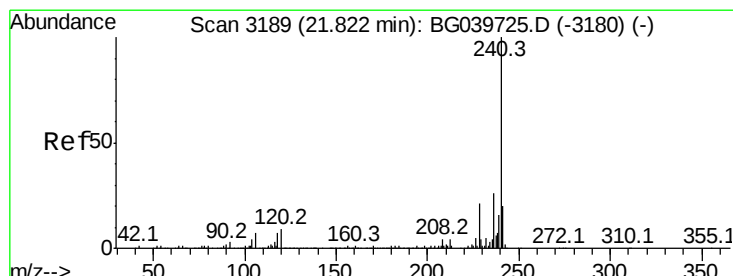
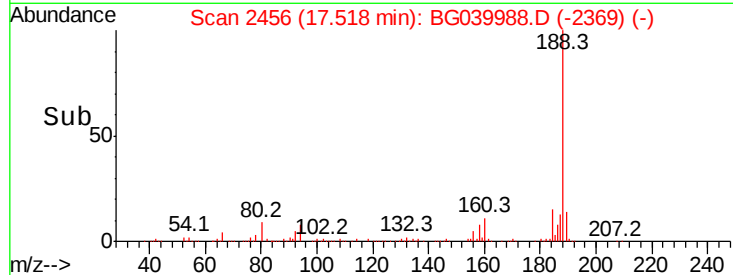
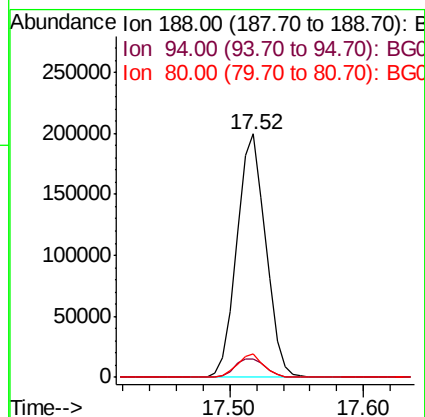
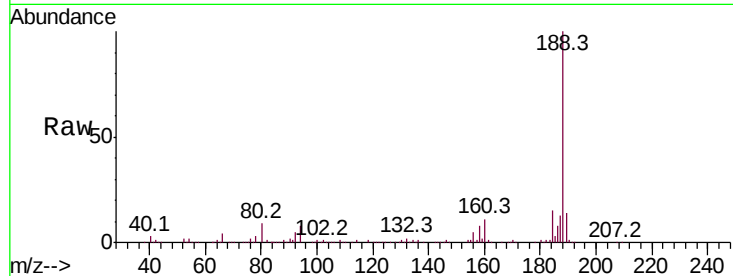




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

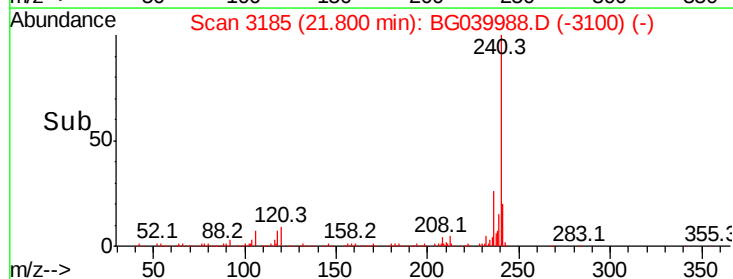
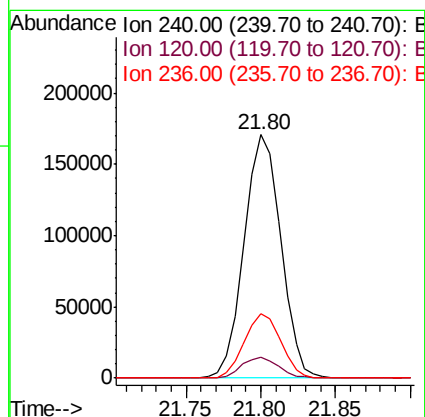
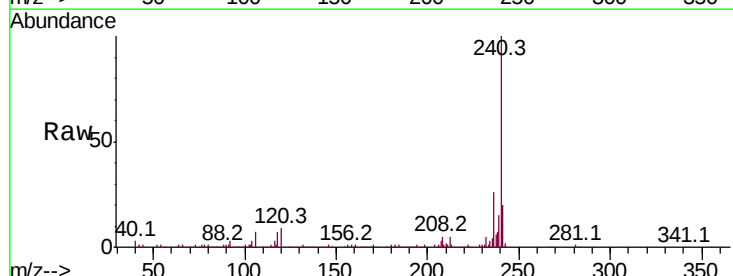
Instrument :
BNA_G
ClientSampleId :
TP-3

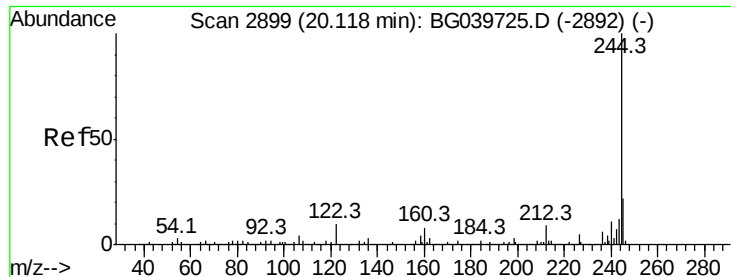
Tot Ion:188 Resp: 298615
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 9.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3185
Delta R.T. -0.03 min
Lab File: BG039988.D
Acq: 19 Mar 2019 3:09

Tgt Ion:240 Resp: 290989
Ion Ratio Lower Upper
240 100
120 8.6 7.0 10.6
236 26.2 21.0 31.4





#79

Terphenyl-d14

Concen: 64.975 ng

RT: 20.11 min Scan# 2897

Delta R.T. -0.02 min

Lab File: BG039988.D

Acq: 19 Mar 2019 3:09

Instrument :

BNA_G

ClientSampleId :

TP-3

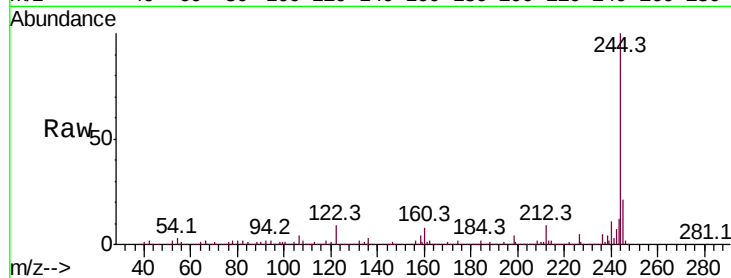
Tot Ion:244 Resp: 858709

Ion Ratio Lower Upper

244 100

212 8.6 7.3 10.9

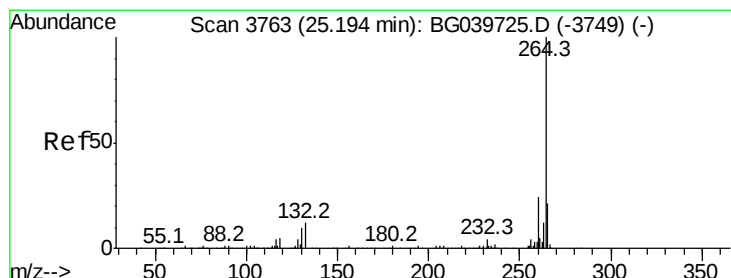
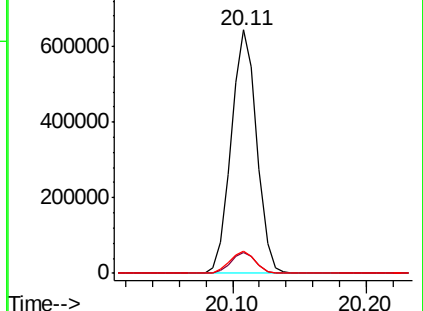
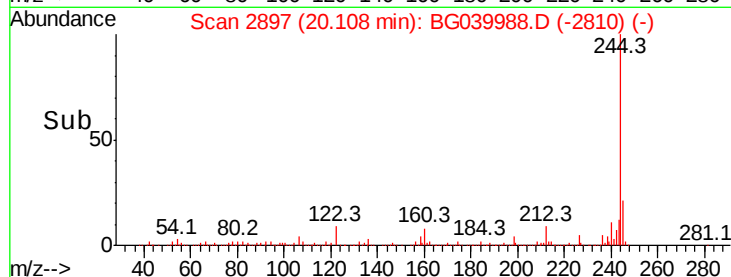
122 8.9 8.4 12.6



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: BG039988.D

Acq: 19 Mar 2019 3:09

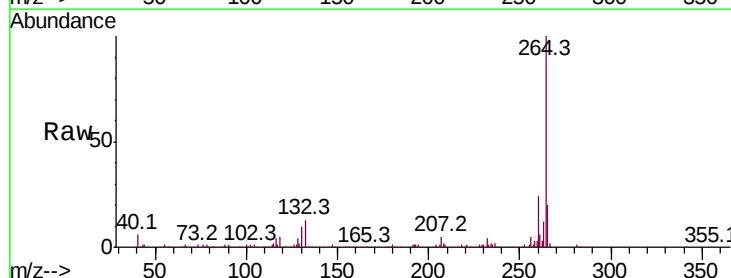
Tgt Ion:264 Resp: 294944

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 20.2 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

