

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031218\
 Data File : BG033104.D
 Acq On : 13 Mar 2018 00:59
 Operator : SJ/JU
 Sample : J1867-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C19013072

Quant Time: Mar 13 04:26:27 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 09 15:10:14 2018
 Response via : Initial Calibration

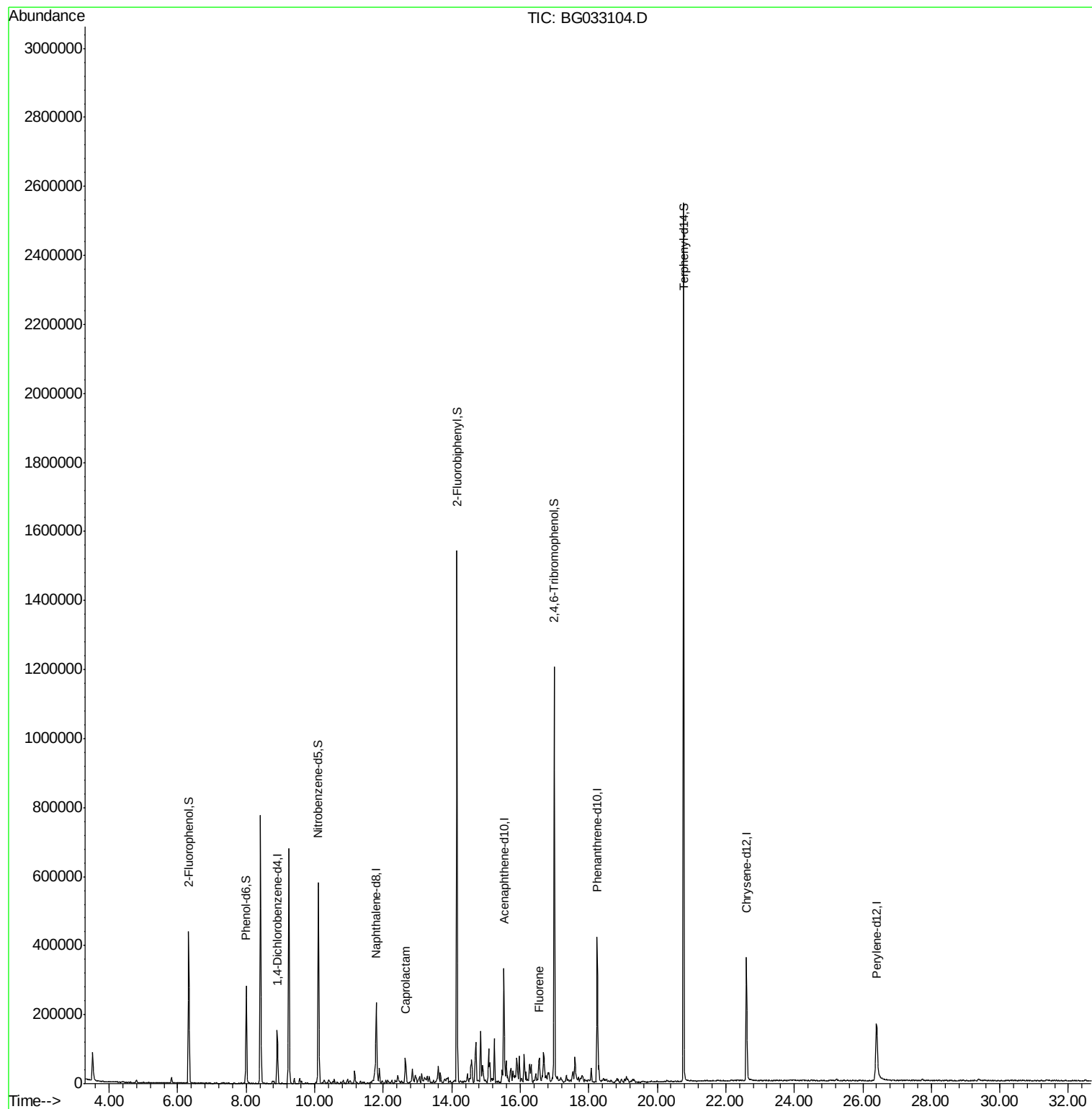
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	46461	20.00	ng	0.00
21) Naphthalene-d8	11.80	136	202072	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	113067	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	262730	20.00	ng	0.00
75) Chrysene-d12	22.61	240	257294	20.00	ng	0.00
86) Perylene-d12	26.40	264	249004	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	202880	69.86	ng	0.00
7) Phenol-d6	8.00	99	169131	41.78	ng	0.00
23) Nitrobenzene-d5	10.11	82	362814	119.98	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	221732	186.51	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	777261	99.15	ng	0.00
78) Terphenyl-d14	20.77	244	1184692	103.45	ng	0.00
Target Compounds						
35) Caprolactam	12.64	113	11512	10.281	ng	95
57) Fluorene	16.56	166	27969	3.162	ng	# 94

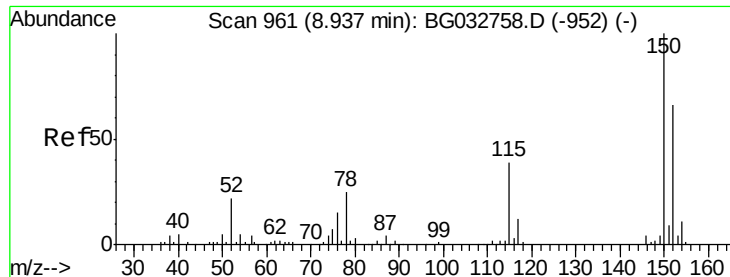
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 20 Sample Multiplier: 1

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BNA_G
ClientSampleId :
C19013072

Quant Time: Mar 13 04:26:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 09 15:10:14 2018
Response via : Initial Calibration



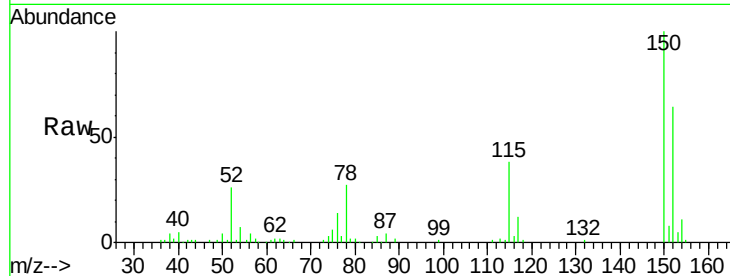


#1

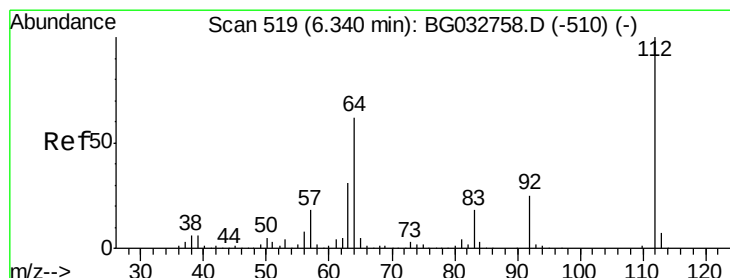
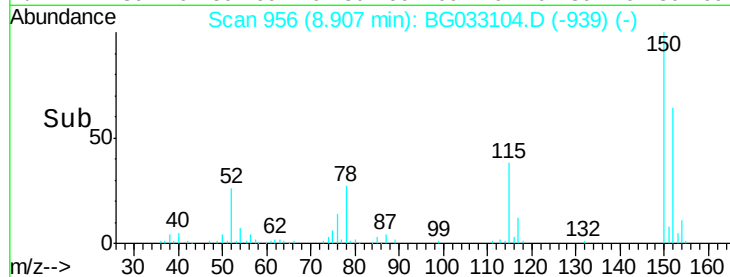
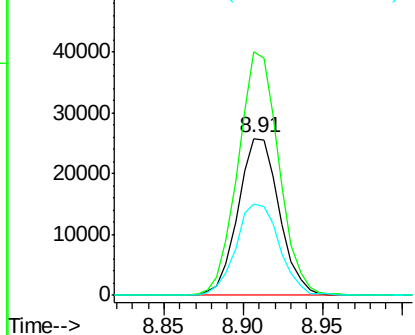
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Instrument :
BNA_G
ClientSampled :
C19013072

Tot Ion:152 Resp: 46461
Ion Ratio Lower Upper
152 100
150 155.3 126.6 189.8
115 58.6 53.0 79.4



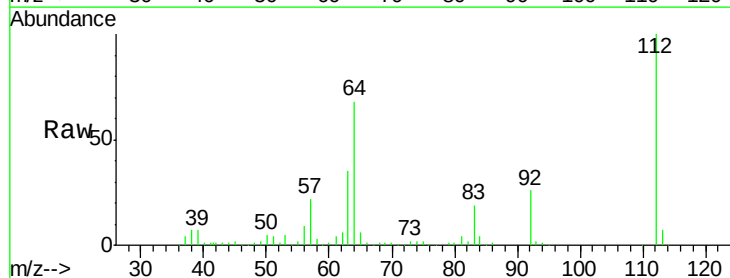
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



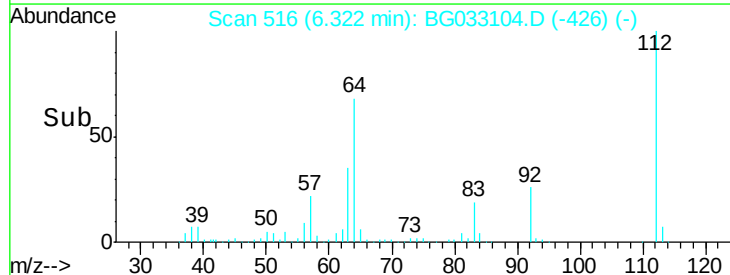
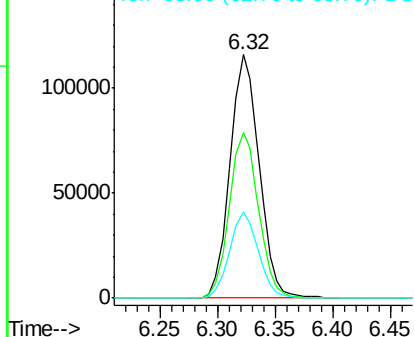
#5

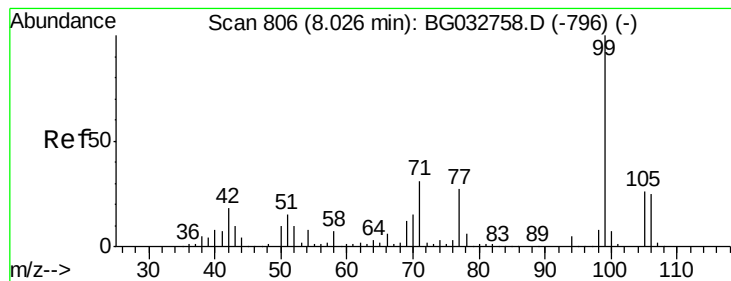
2-Fluorophenol
Concen: 69.860 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:112 Resp: 202880
Ion Ratio Lower Upper
112 100
64 68.0 56.3 84.5
63 35.5 30.1 45.1



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: 41.783 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.00 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

Instrument :

BNA_G

ClientSampleId :

C19013072

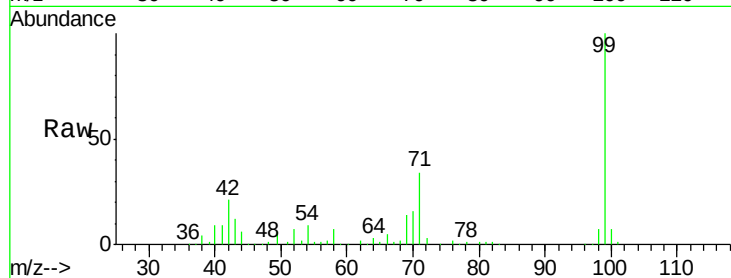
Tot Ion: 99 Resp: 169131

Ion Ratio Lower Upper

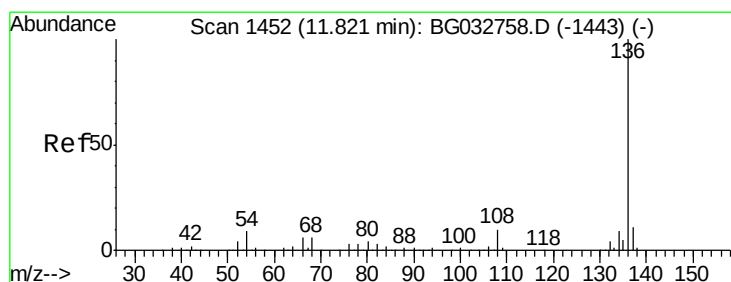
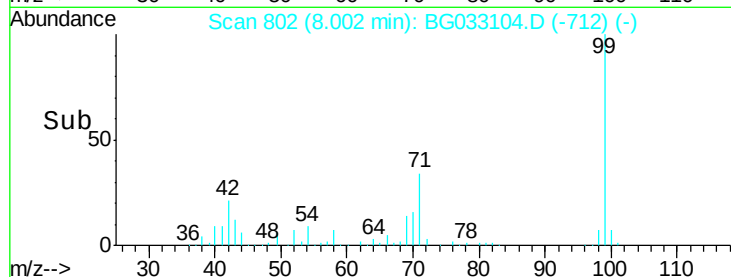
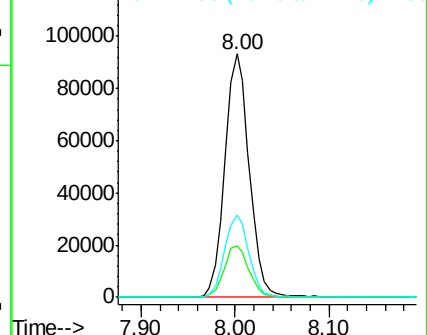
99 100

42 21.3 14.1 21.1#

71 34.1 26.1 39.1



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1448

Delta R.T. -0.00 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

Tgt Ion: 136 Resp: 202072

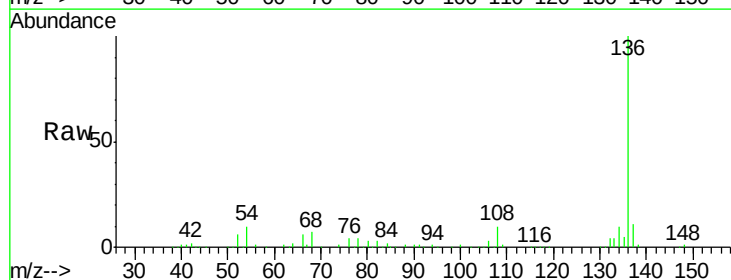
Ion Ratio Lower Upper

136 100

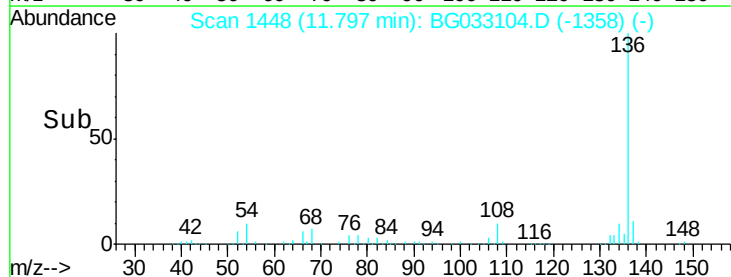
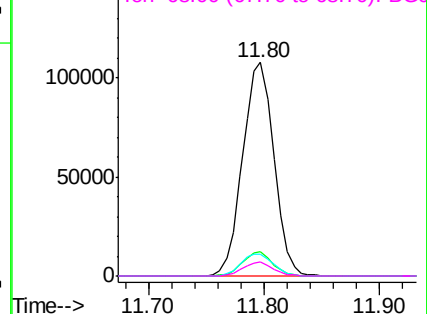
137 11.2 9.2 13.8

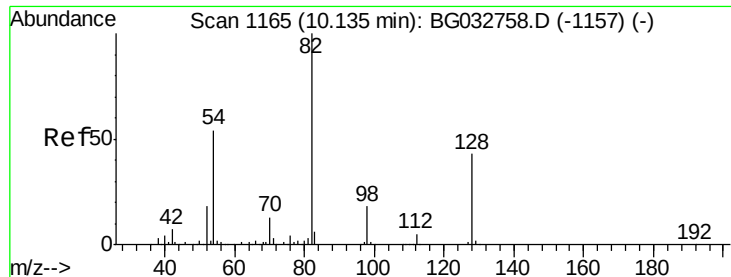
54 10.2 10.3 15.5#

68 6.6 4.5 6.7



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

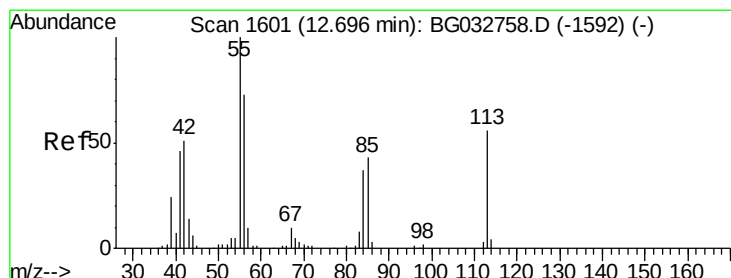
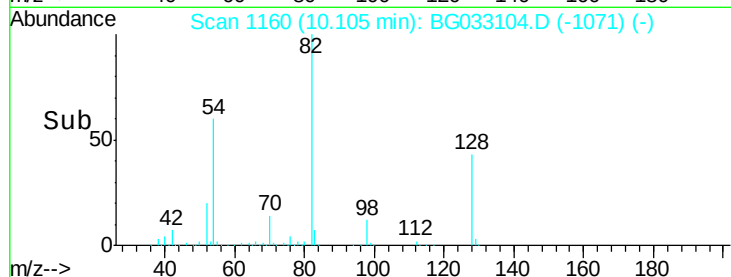
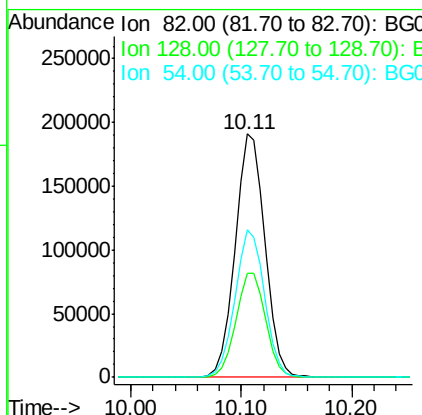
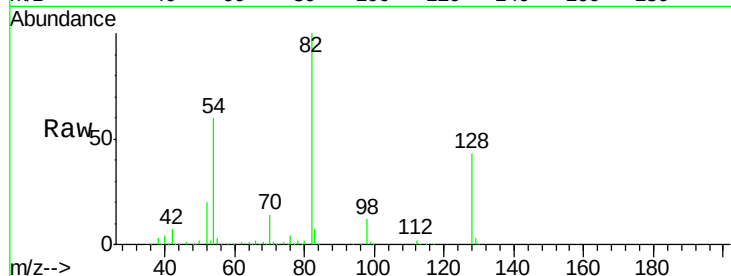




#23
 Nitrobenzene-d5
 Concen: 119.979 ng
 RT: 10.11 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BG033104.D
 Acq: 13 Mar 2018 00:59

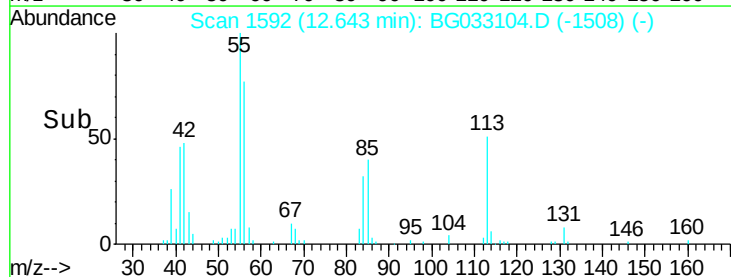
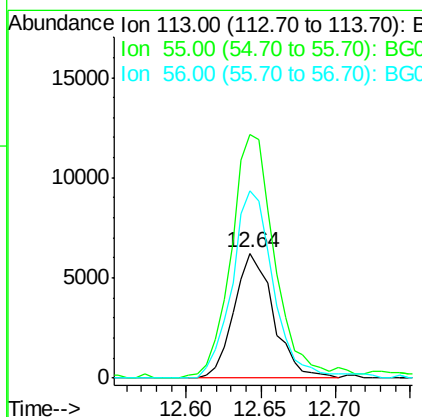
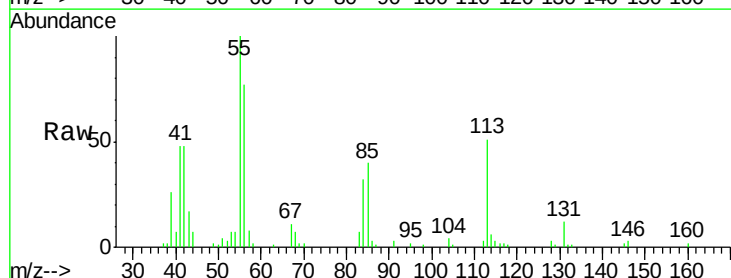
Instrument :
 BNA_G
 ClientSampleId :
 C19013072

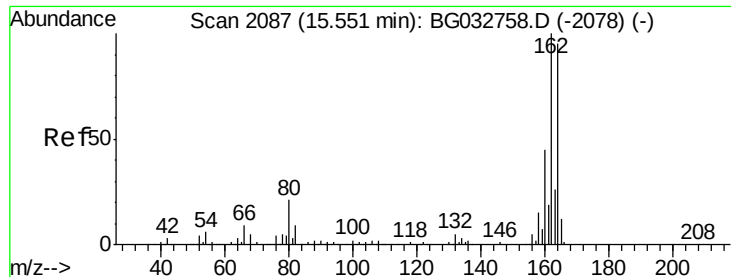
Tot Ion	82	Resp	362814
Ion Ratio	Lower	Upper	
82	100		
128	42.8	29.7	44.5
54	60.5	43.1	64.7



#35
 Caprolactam
 Concen: 10.281 ng
 RT: 12.64 min Scan# 1592
 Delta R.T. -0.04 min
 Lab File: BG033104.D
 Acq: 13 Mar 2018 00:59

Tgt Ion	113	Resp	11512
Ion Ratio	Lower	Upper	
113	100		
55	194.8	186.9	226.9
56	150.3	130.9	170.9





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2082

Delta R.T. -0.01 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

Instrument :

BNA_G

ClientSampleId :

C19013072

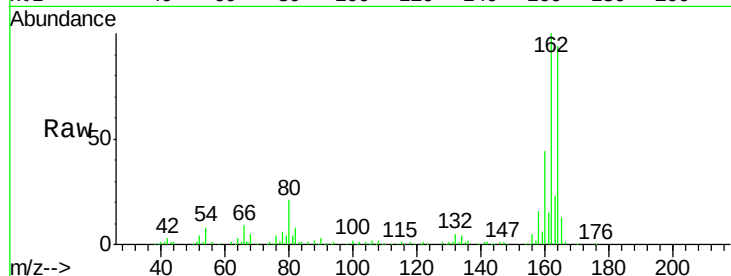
Tot Ion:164 Resp: 113067

Ion Ratio Lower Upper

164 100

162 106.6 78.8 118.2

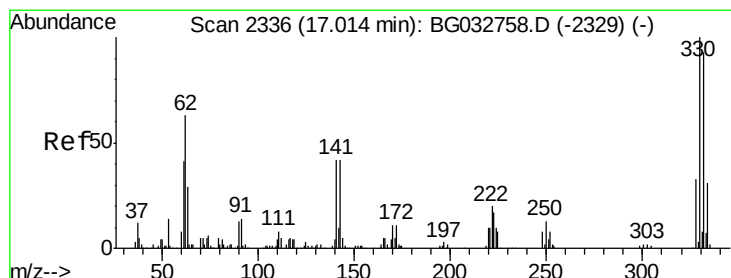
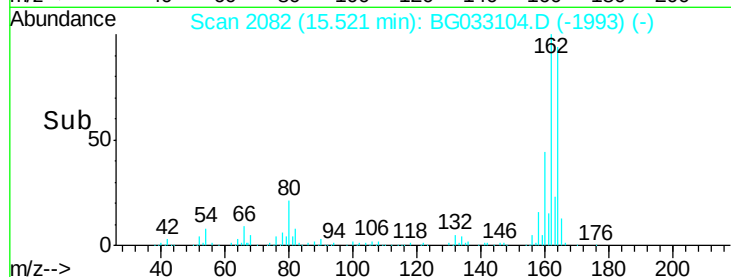
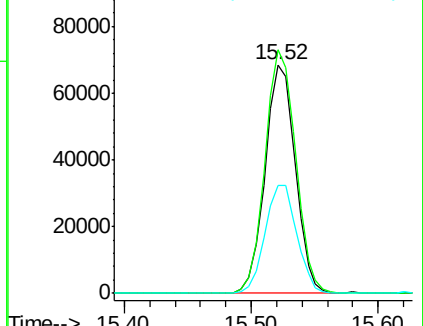
160 47.2 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 186.508 ng

RT: 17.00 min Scan# 2333

Delta R.T. -0.00 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

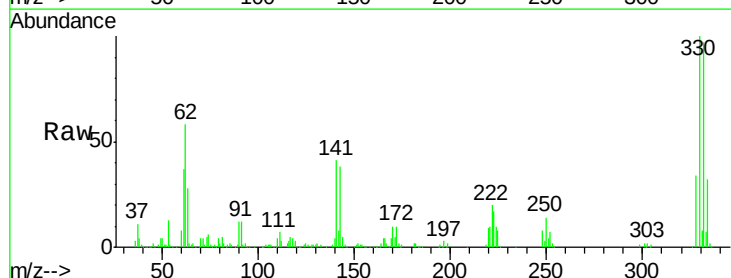
Tgt Ion:330 Resp: 221732

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

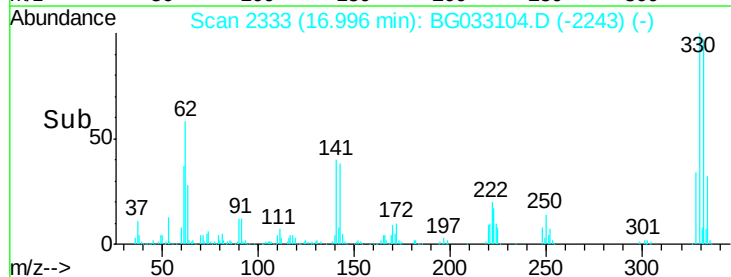
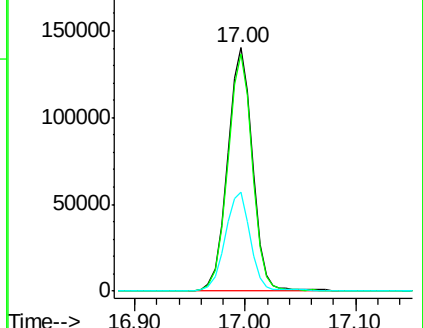
141 40.6 25.2 37.8#

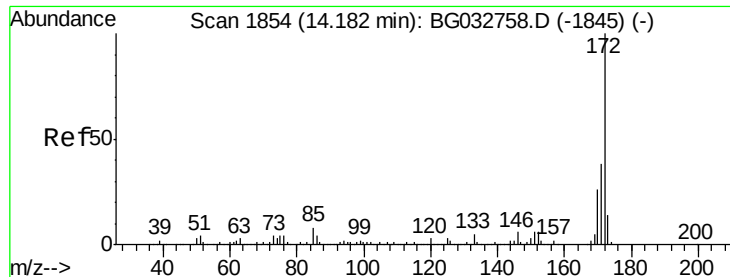


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

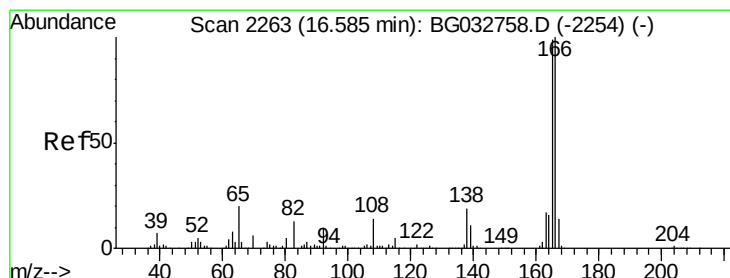
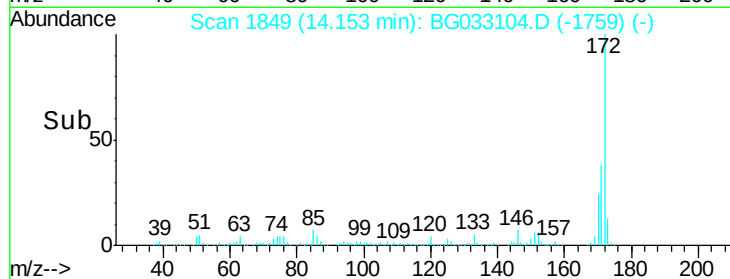
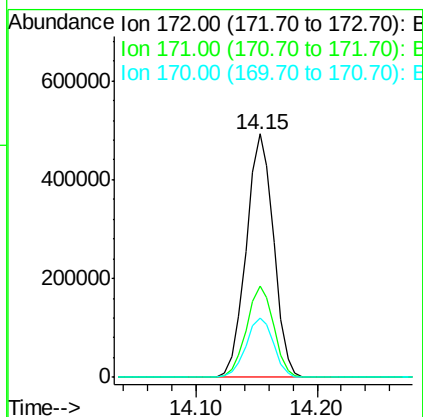
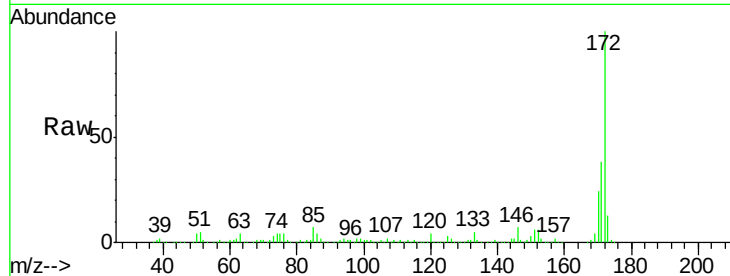




#44
2-Fluorobiphenyl
Concen: 99.145 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.00 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

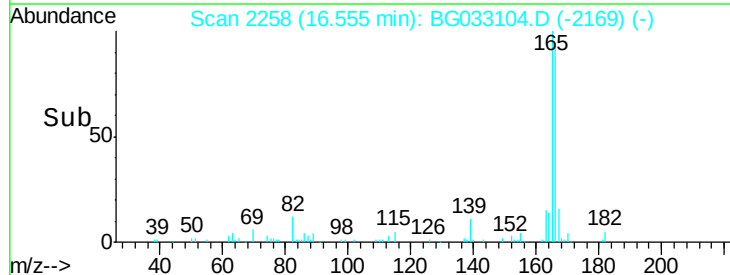
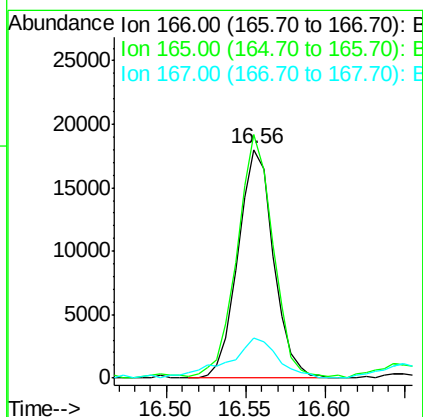
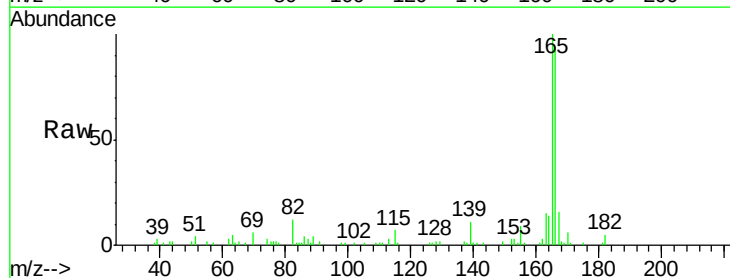
Instrument :
BNA_G
ClientSampleId :
C19013072

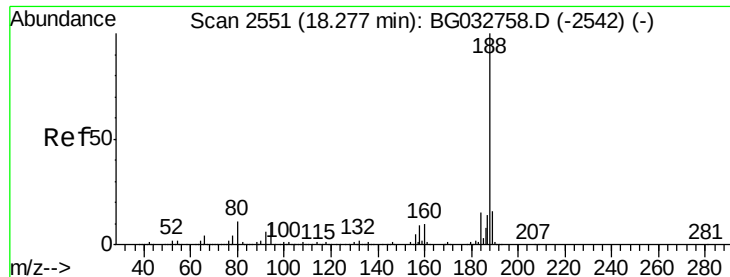
Tot Ion:172 Resp: 777261
Ion Ratio Lower Upper
172 100
171 37.7 30.0 45.0
170 24.1 19.5 29.3



#57
Fluorene
Concen: 3.162 ng
RT: 16.56 min Scan# 2258
Delta R.T. -0.01 min
Lab File: BG033104.D
Acq: 13 Mar 2018 00:59

Tgt Ion:166 Resp: 27969
Ion Ratio Lower Upper
166 100
165 106.6 80.6 121.0
167 17.3 10.4 15.6#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.25 min Scan# 2546

Delta R.T. -0.01 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

Instrument :

BNA_G

ClientSampleId :

C19013072

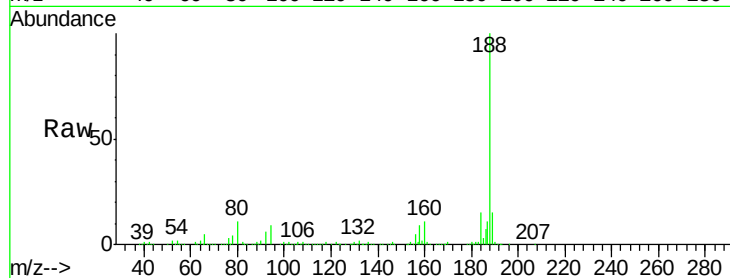
Tot Ion:188 Resp: 262730

Ion Ratio Lower Upper

188 100

94 9.2 6.9 10.3

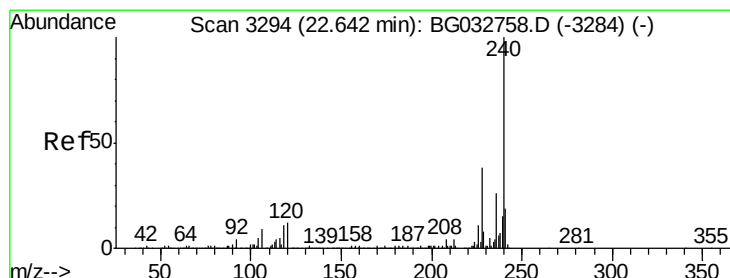
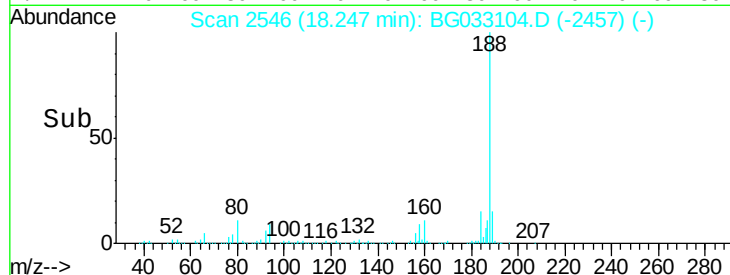
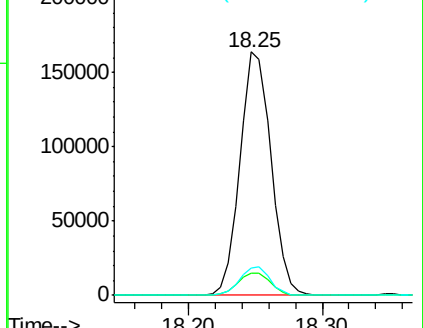
80 11.3 7.7 11.5



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

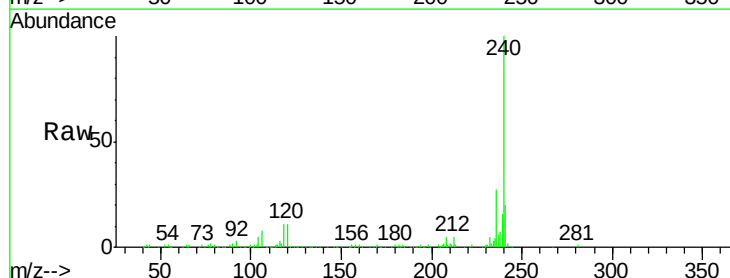
Tgt Ion:240 Resp: 257294

Ion Ratio Lower Upper

240 100

120 10.9 6.8 10.2#

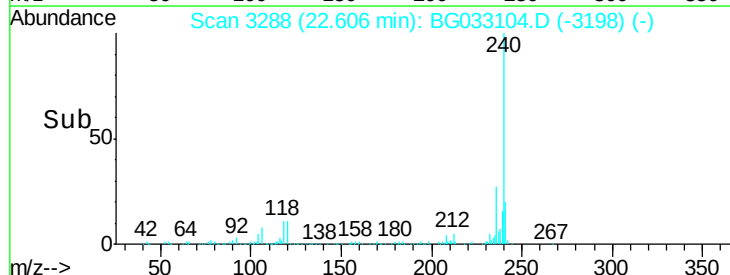
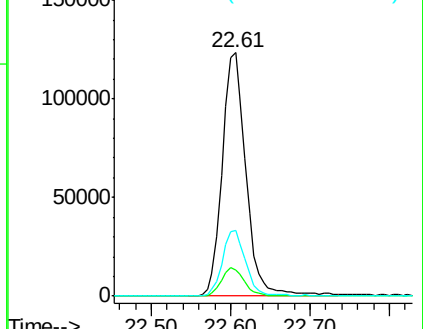
236 27.1 20.9 31.3

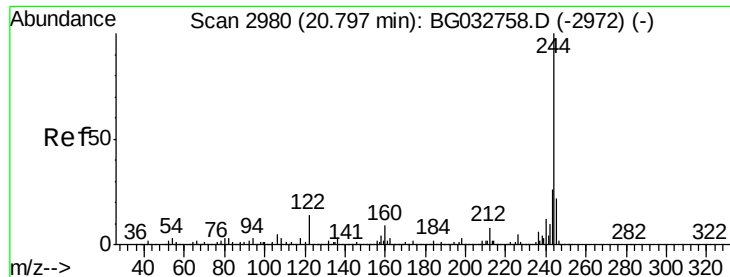


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 103.449 ng

RT: 20.77 min Scan# 2975

Delta R.T. -0.00 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

Instrument :

BNA_G

ClientSampled :

C19013072

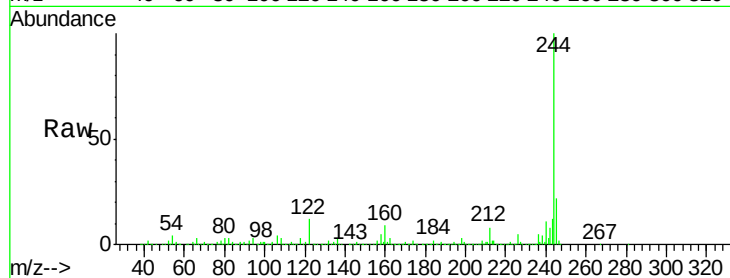
Tot Ion:244 Resp: 1184692

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

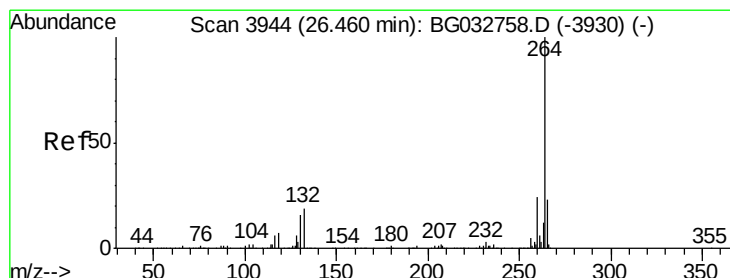
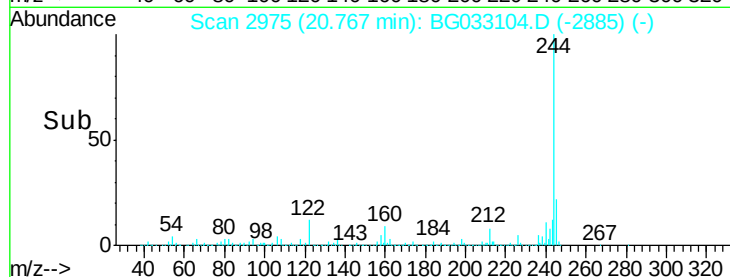
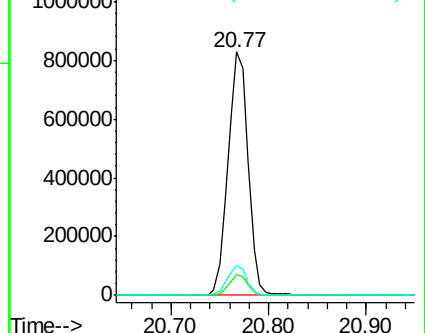
122 12.5 7.0 10.4#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.40 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BG033104.D

Acq: 13 Mar 2018 00:59

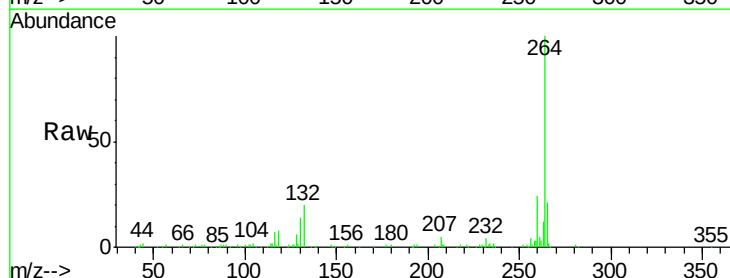
Tgt Ion:264 Resp: 249004

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 21.2 17.7 26.5



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

