

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022618\
 Data File : BG032835.D
 Acq On : 27 Feb 2018 00:03
 Operator : SJ/JU
 Sample : J1691-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B1

Quant Time: Feb 27 03:49:19 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

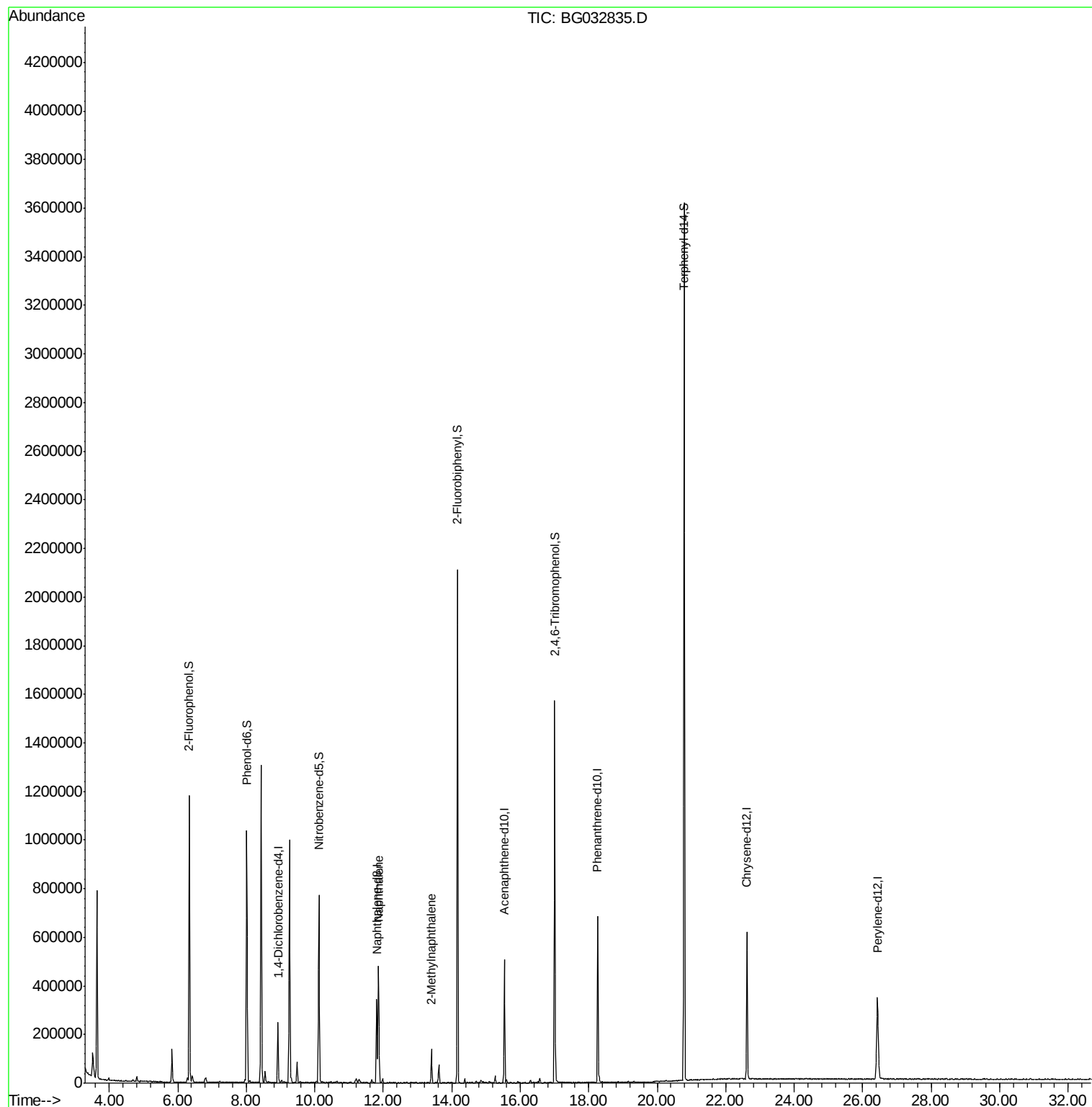
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	74753	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	315998	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	177773	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	410737	20.00	ng	0.00
75) Chrysene-d12	22.62	240	390532	20.00	ng	-0.01
86) Perylene-d12	26.43	264	400949	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.34	112	570279	122.05	ng	0.00
7) Phenol-d6	8.02	99	663072	101.81	ng	0.00
23) Nitrobenzene-d5	10.12	82	497067	106.34	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	285822	152.91	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	1095917	88.91	ng	0.00
78) Terphenyl-d14	20.79	244	1669472	96.04	ng	0.00
Target Compounds						
31) Naphthalene	11.86	128	446792	27.059	ng	99
37) 2-Methylnaphthalene	13.41	142	68036	5.695	ng	91

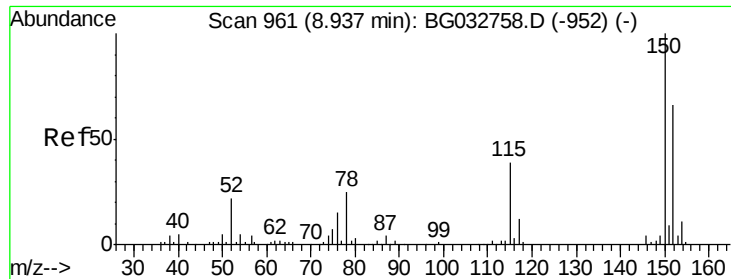
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 27 03:49:19 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 17:50:45 2018
Response via : Initial Calibration



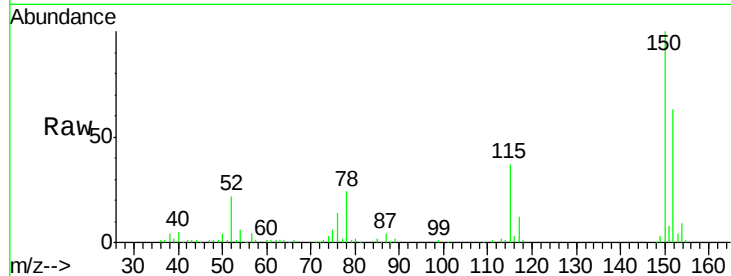


#1

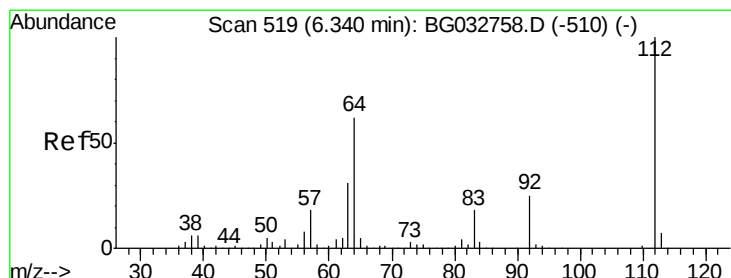
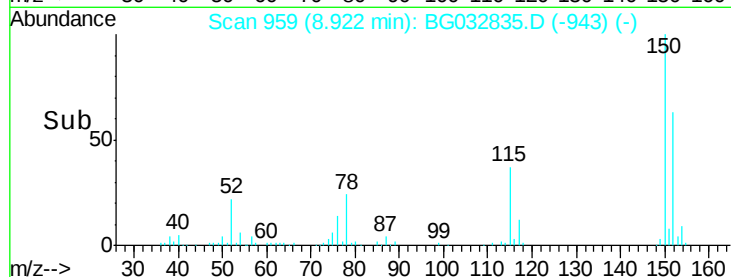
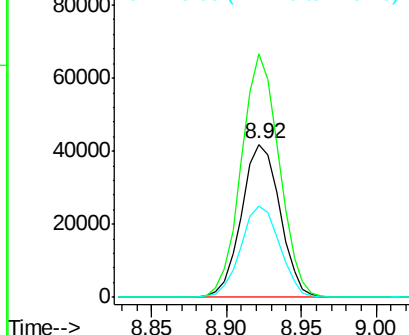
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Instrument :
BNA_G
ClientSampled :
B1

Tot Ion:152 Resp: 74753
Ion Ratio Lower Upper
152 100
150 159.1 126.6 189.8
115 59.6 53.0 79.4



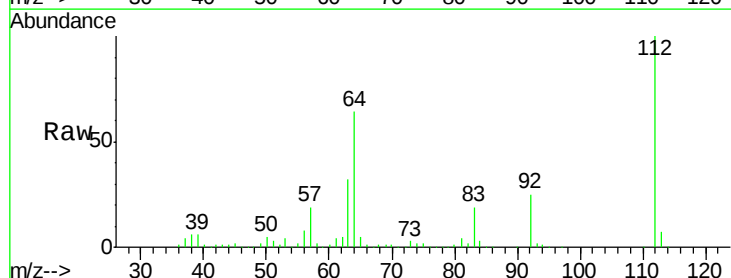
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



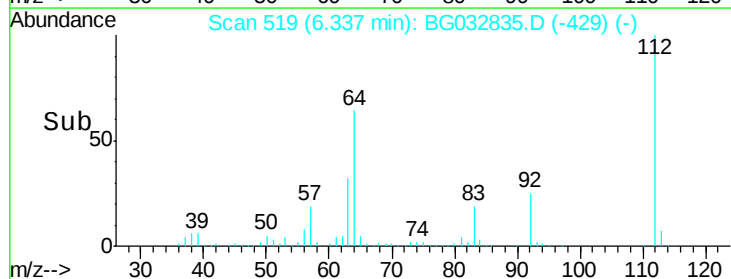
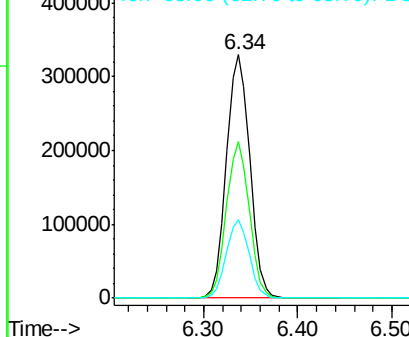
#5

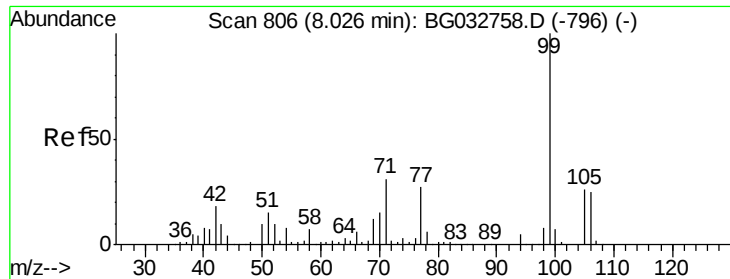
2-Fluorophenol
Concen: 122.050 ng
RT: 6.34 min Scan# 519
Delta R.T. 0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:112 Resp: 570279
Ion Ratio Lower Upper
112 100
64 64.4 56.3 84.5
63 32.2 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: 101.811 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

B1

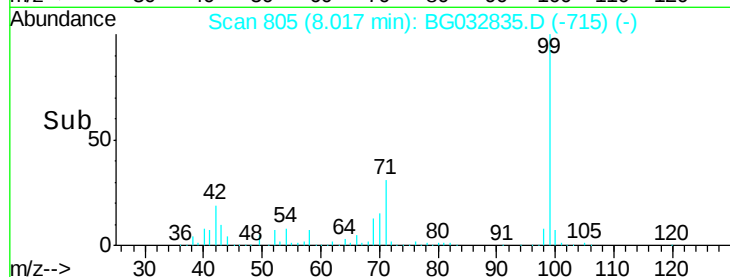
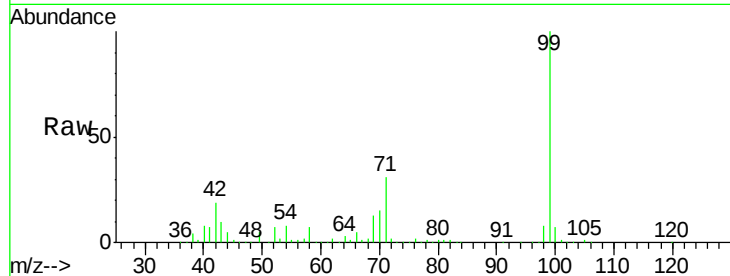
Tot Ion: 99 Resp: 663072

Ion Ratio Lower Upper

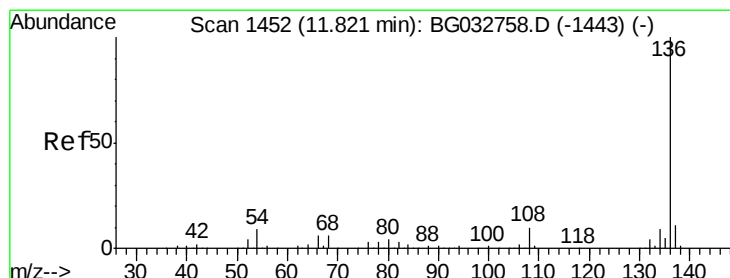
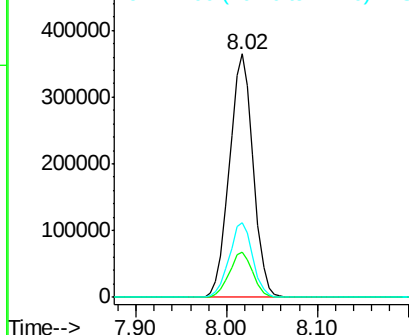
99 100

42 18.7 14.1 21.1

71 30.5 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: 11.81 min Scan# 1451

Delta R.T. 0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Tgt Ion: 136 Resp: 315998

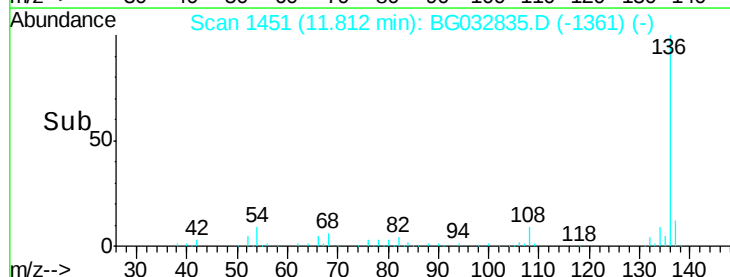
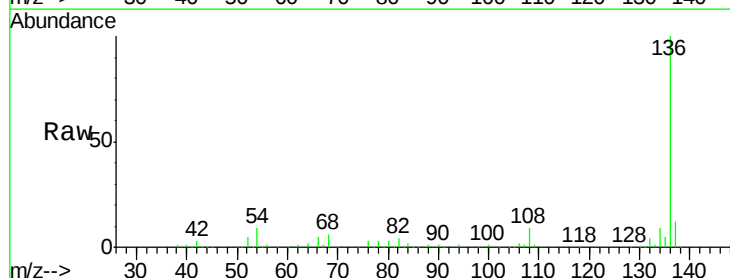
Ion Ratio Lower Upper

136 100

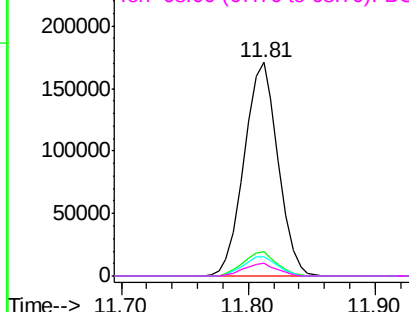
137 11.6 9.2 13.8

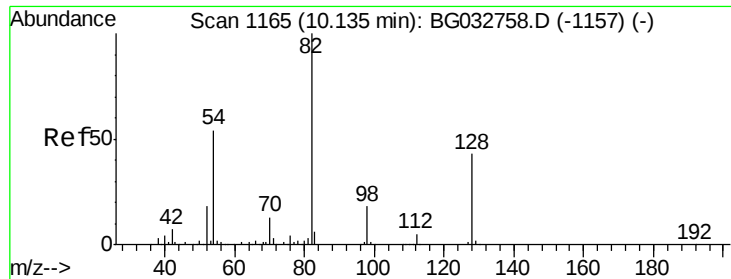
54 9.2 10.3 15.5#

68 6.2 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

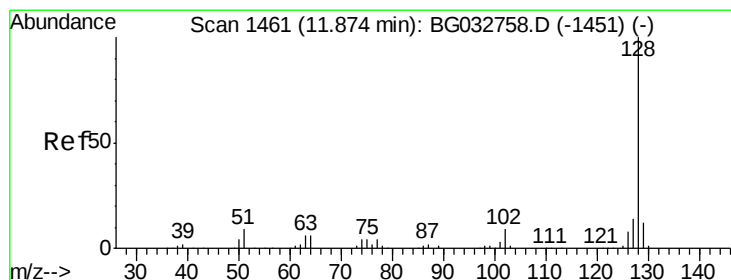
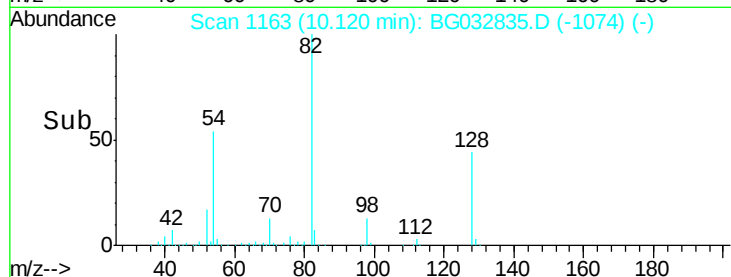
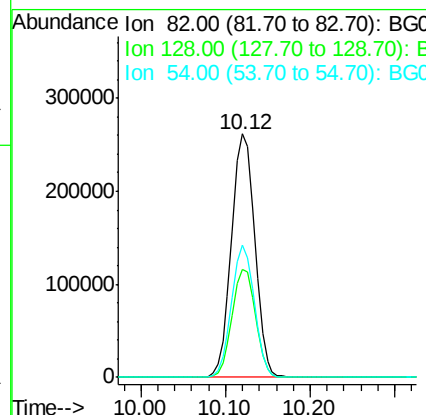
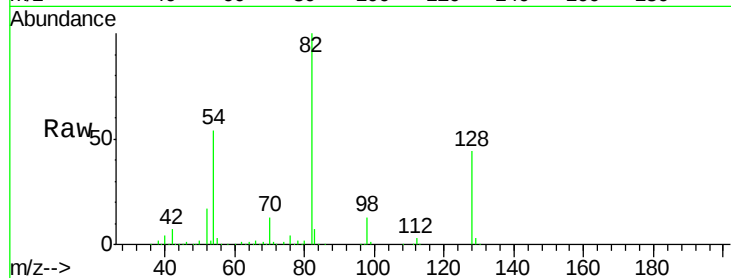




#23
Nitrobenzene-d5
Concen: 106.342 ng
RT: 10.12 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

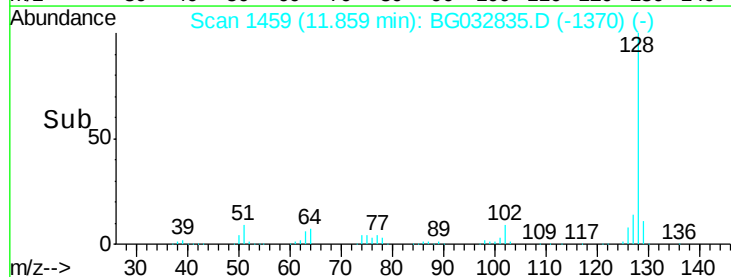
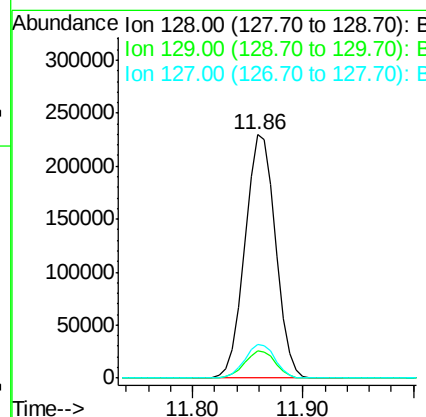
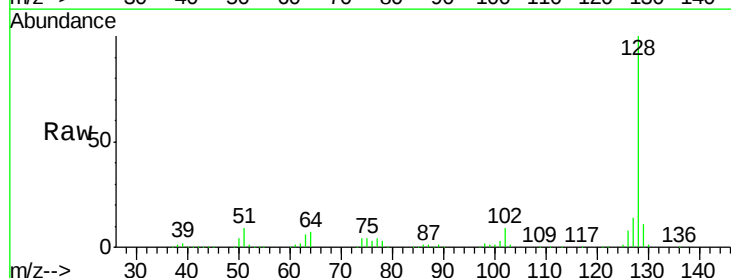
Instrument :
BNA_G
ClientSampleId :
B1

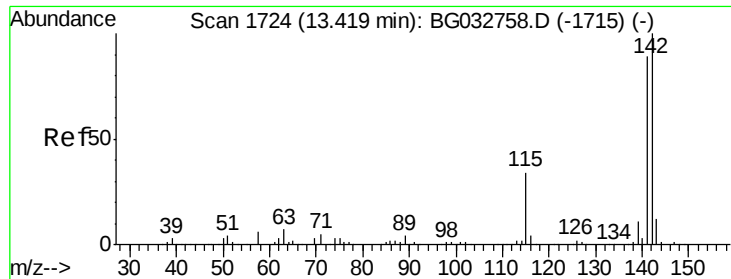
Tot Ion	82	Resp	497067
Ion Ratio	Lower	Upper	
82	100		
128	44.3	29.7	44.5
54	54.5	43.1	64.7



#31
Naphthalene
Concen: 27.059 ng
RT: 11.86 min Scan# 1459
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion	128	Resp	446792
Ion Ratio	Lower	Upper	
128	100		
129	11.3	8.6	12.8
127	14.0	11.6	17.4

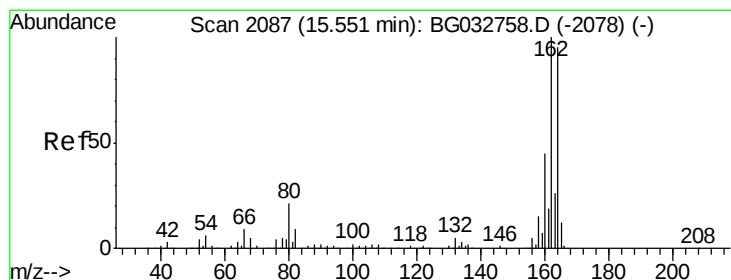
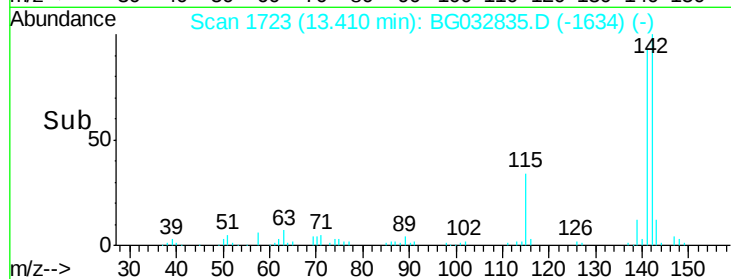
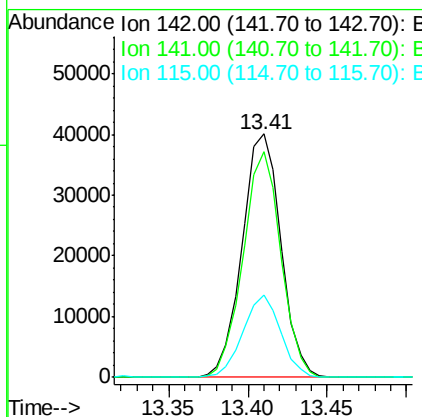
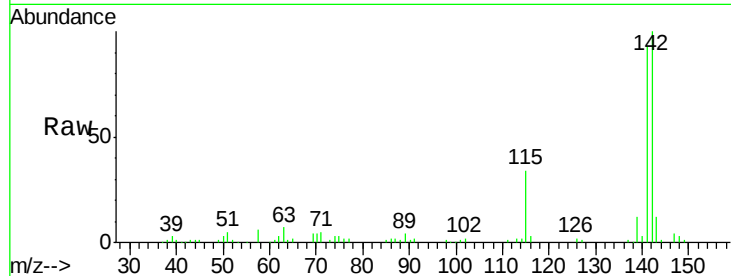




#37
2-Methylnaphthalene
Concen: 5.695 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

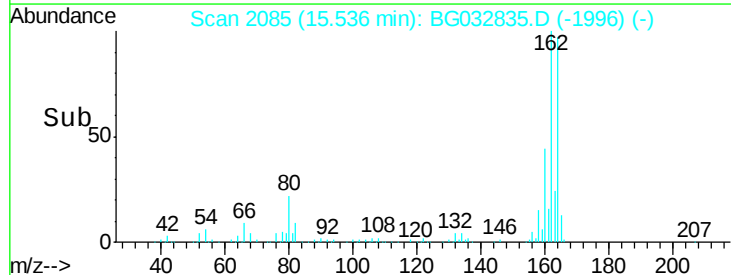
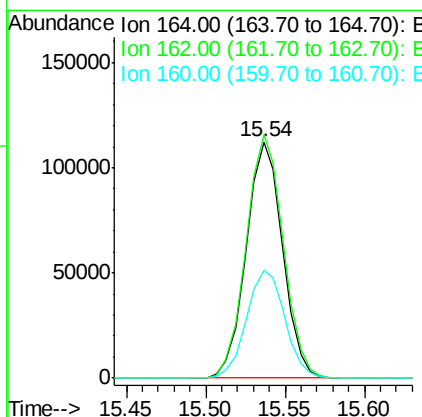
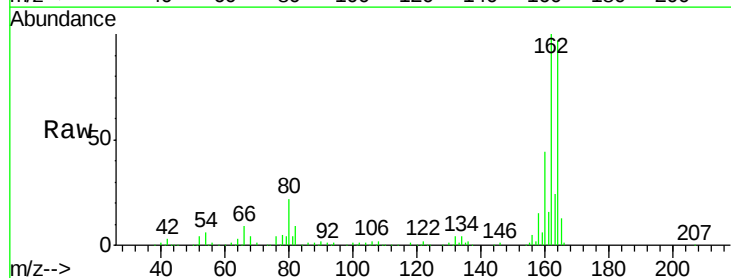
Instrument :
BNA_G
ClientSampleId :
B1

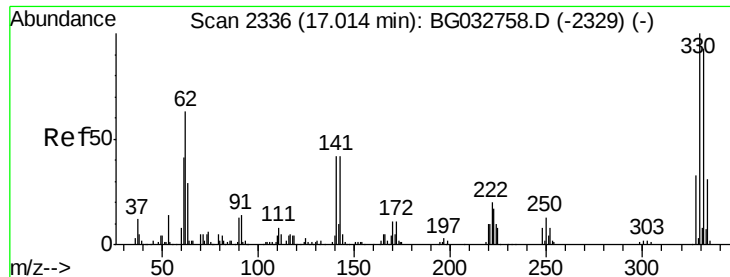
Tot Ion:142 Resp: 68036
Ion Ratio Lower Upper
142 100
141 92.7 67.1 100.7
115 33.8 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.54 min Scan# 2085
Delta R.T. -0.00 min
Lab File: BG032835.D
Acq: 27 Feb 2018 00:03

Tgt Ion:164 Resp: 177773
Ion Ratio Lower Upper
164 100
162 103.1 78.8 118.2
160 45.8 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 152.910 ng

RT: 17.00 min Scan# 2335

Delta R.T. -0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

B1

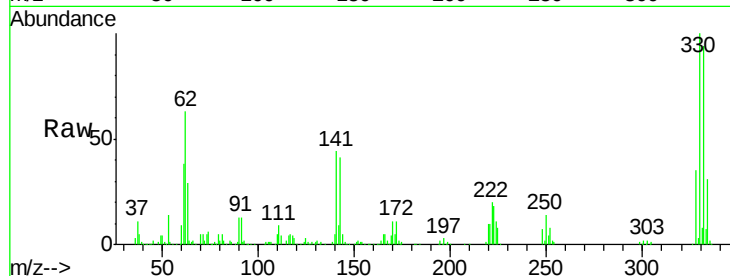
Tot Ion:330 Resp: 285822

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

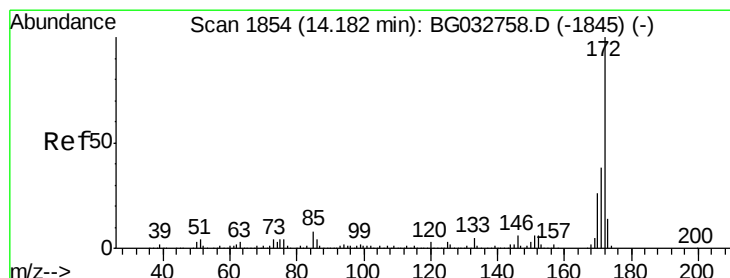
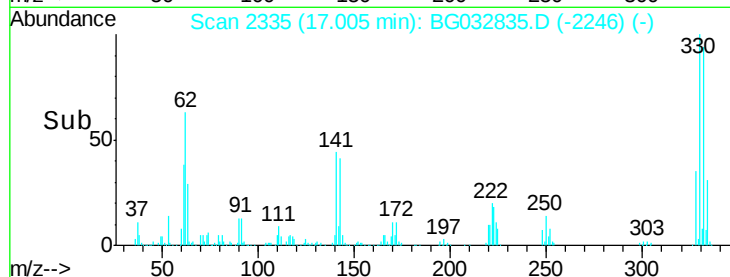
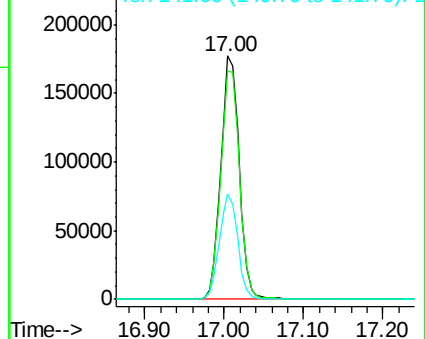
141 43.1 25.2 37.8#



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: 88.911 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

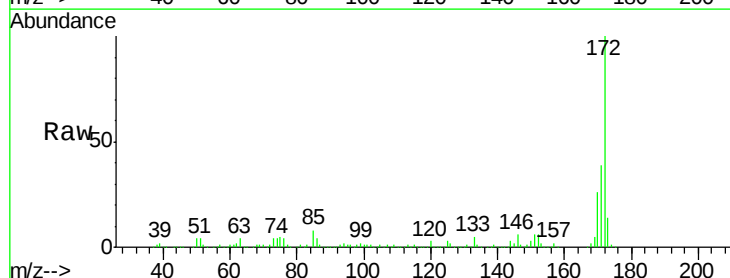
Tgt Ion:172 Resp: 1095917

Ion Ratio Lower Upper

172 100

171 38.9 30.0 45.0

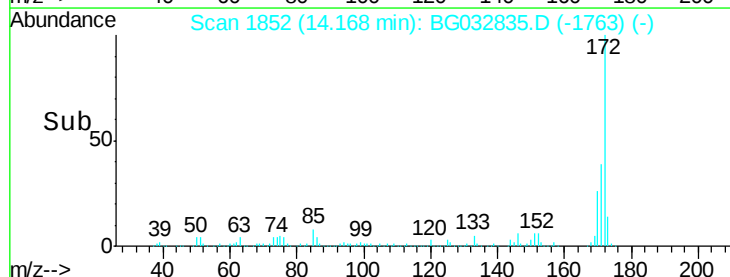
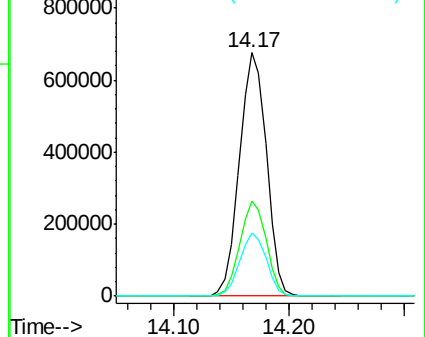
170 25.9 19.5 29.3

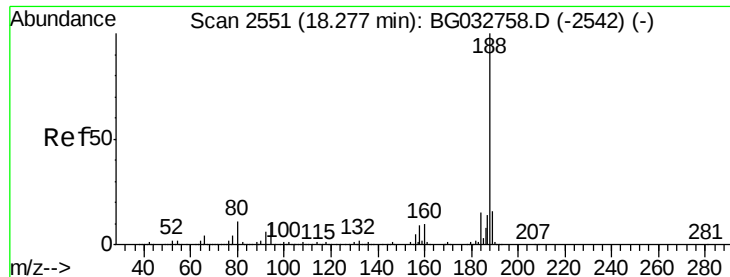


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. -0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampleId :

B1

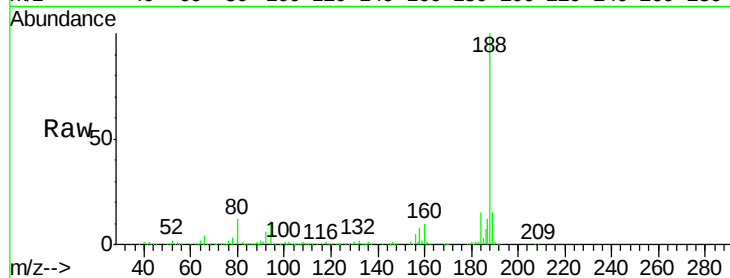
Tot Ion:188 Resp: 410737

Ion Ratio Lower Upper

188 100

94 10.8 6.9 10.3#

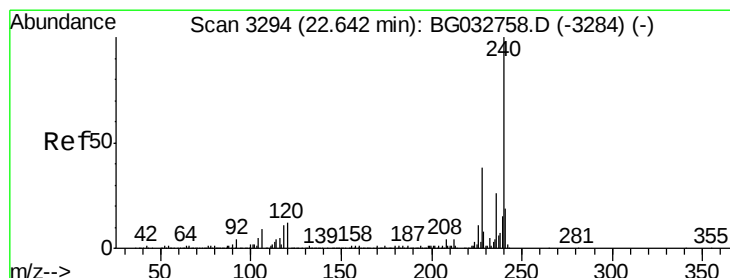
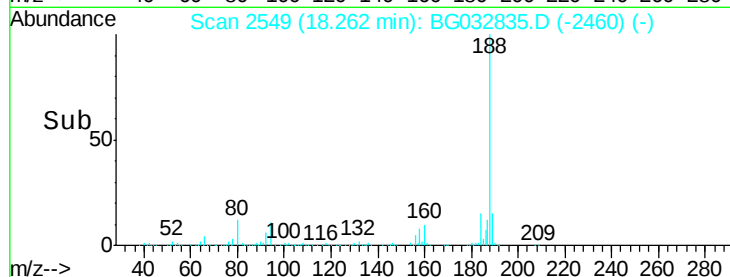
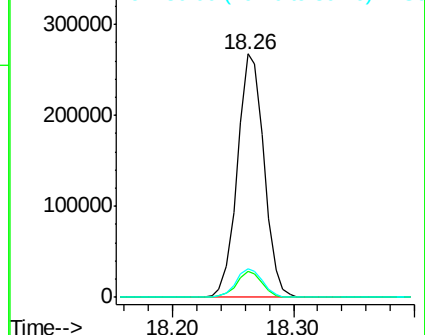
80 11.8 7.7 11.5#



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: 22.62 min Scan# 3291

Delta R.T. -0.01 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

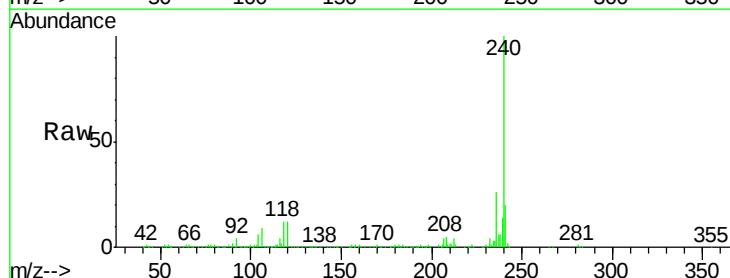
Tgt Ion:240 Resp: 390532

Ion Ratio Lower Upper

240 100

120 12.0 6.8 10.2#

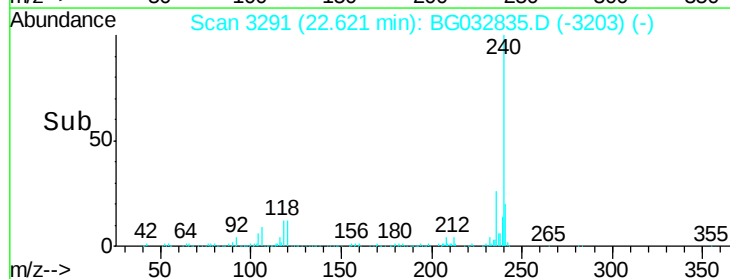
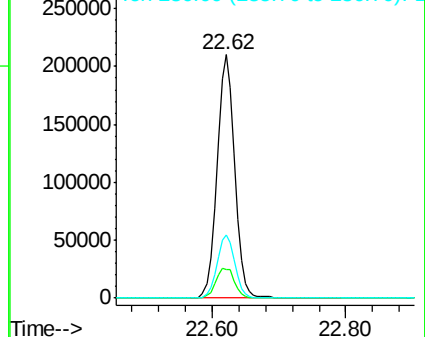
236 25.8 20.9 31.3

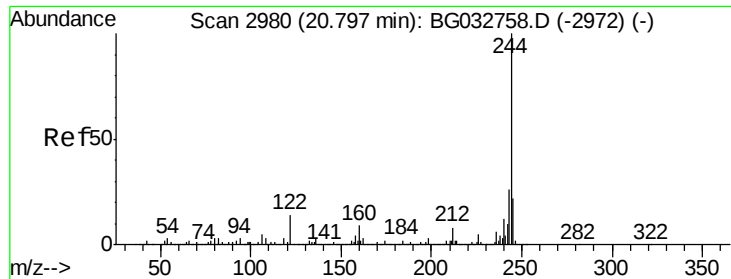


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.045 ng

RT: 20.79 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

Instrument :

BNA_G

ClientSampled :

B1

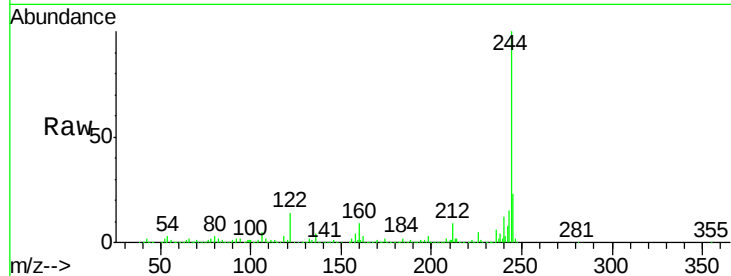
Tot Ion:244 Resp: 1669472

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

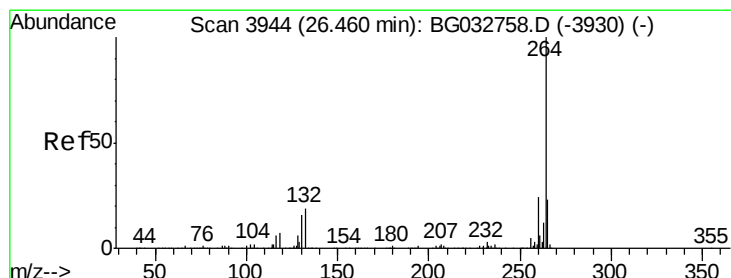
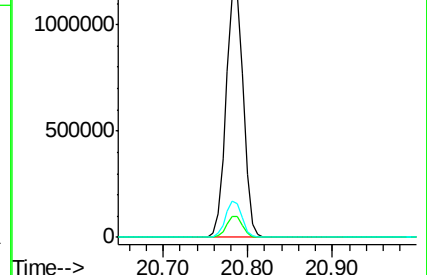
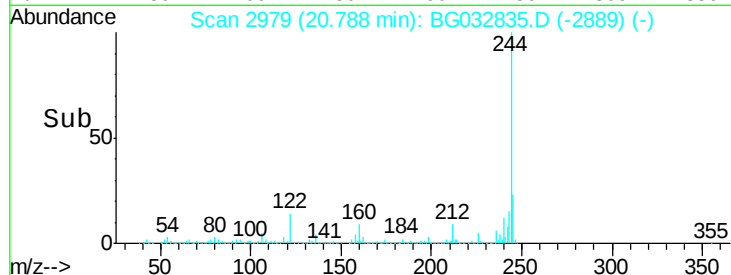
122 13.9 7.0 10.4#



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: 26.43 min Scan# 3939

Delta R.T. -0.01 min

Lab File: BG032835.D

Acq: 27 Feb 2018 00:03

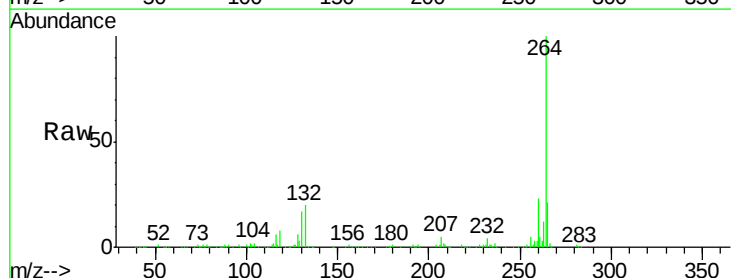
Tgt Ion:264 Resp: 400949

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.3 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

