

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
 Data File : BG034142.D
 Acq On : 3 May 2018 8:53
 Operator : SJ/JU
 Sample : J2665-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-RT-2655

Quant Time: May 03 11:57:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 01 19:08:03 2018
 Response via : Initial Calibration

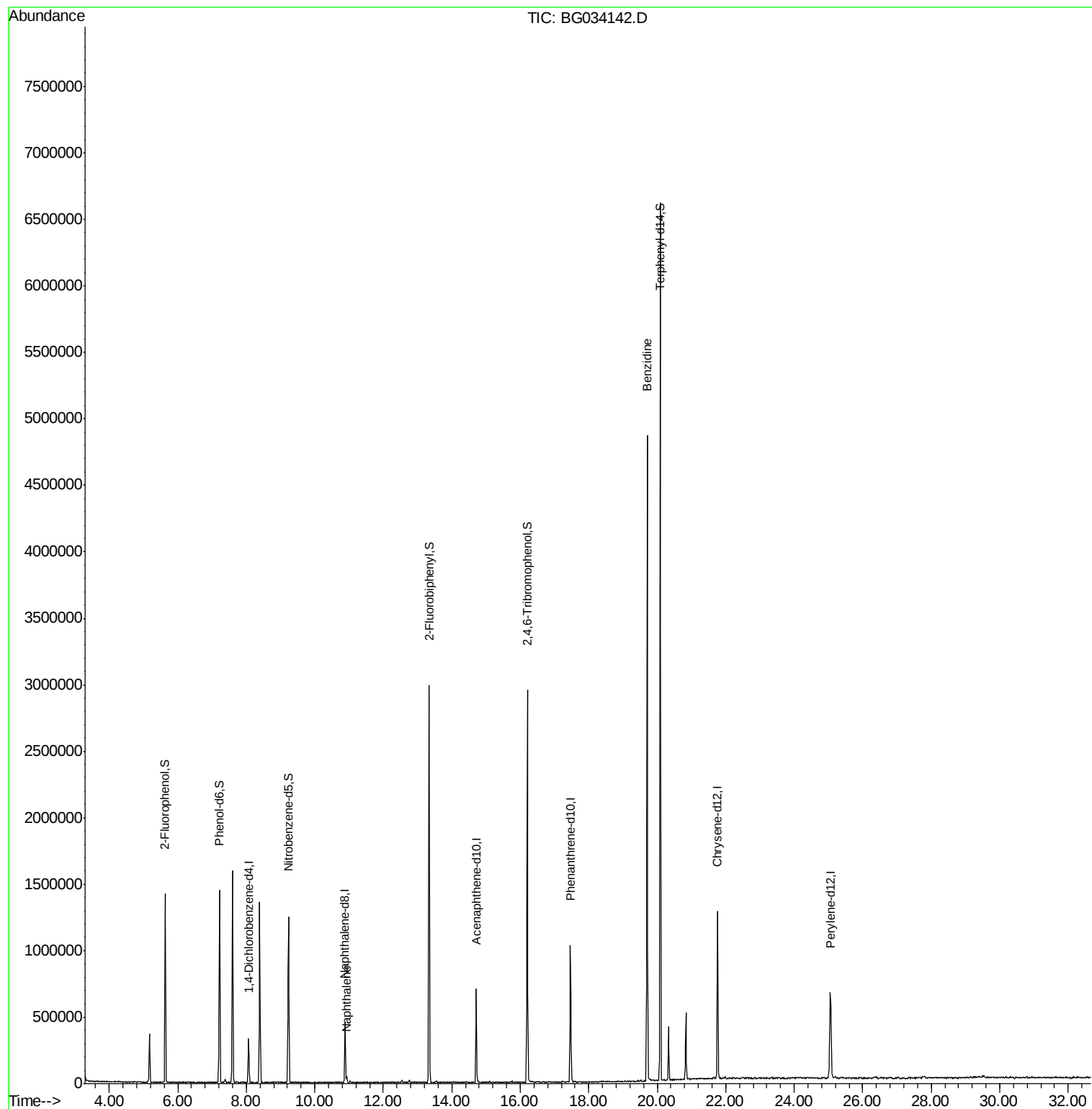
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	76636	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	307236	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	235200	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	645717	20.00	ng	0.00
75) Chrysene-d12	21.76	240	763266	20.00	ng	0.00
86) Perylene-d12	25.06	264	769739	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	479859	101.16	ng	0.00
7) Phenol-d6	7.22	99	692573	93.79	ng	0.00
23) Nitrobenzene-d5	9.23	82	753579	94.11	ng	0.00
41) 2,4,6-Tribromophenol	16.20	330	462501	142.01	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	1471748	91.18	ng	0.00
78) Terphenyl-d14	20.09	244	2891418	82.99	ng	0.00
Target Compounds						
31) Naphthalene	10.94	128	33321	2.063	ng	Qvalue # 94
76) Benzidine	19.71	184	2582498	131.351	ng	94

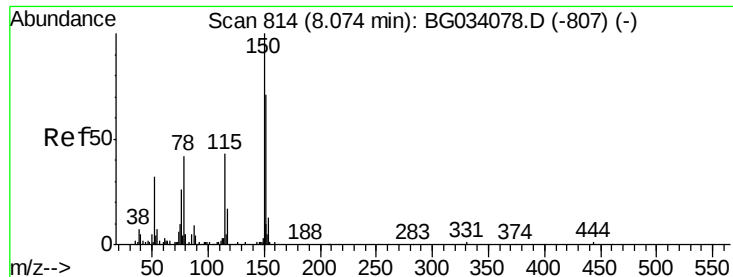
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG050218\
Data File : BG034142.D
Acq On : 3 May 2018 8:53
Operator : SJ/JU
Sample : J2665-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Quant Time: May 03 11:57:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG050118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 01 19:08:03 2018
Response via : Initial Calibration



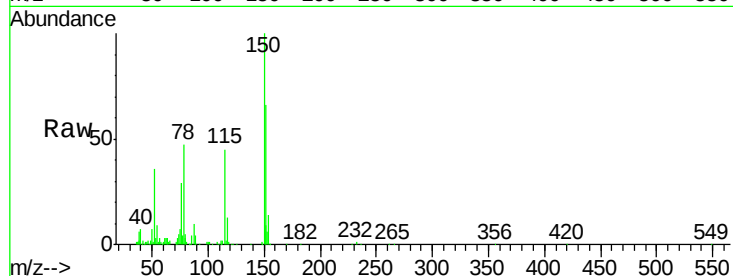


#1

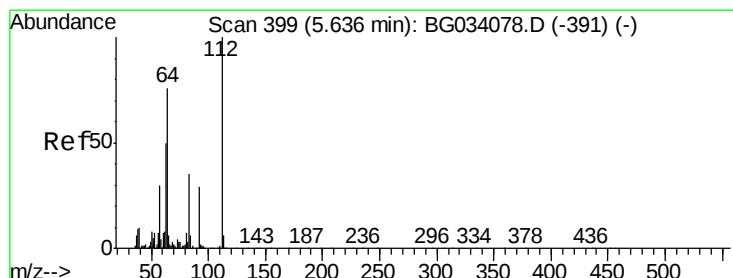
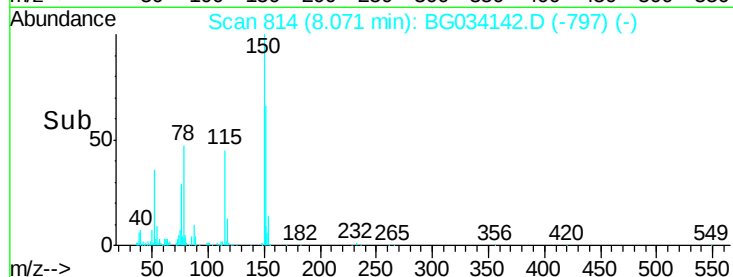
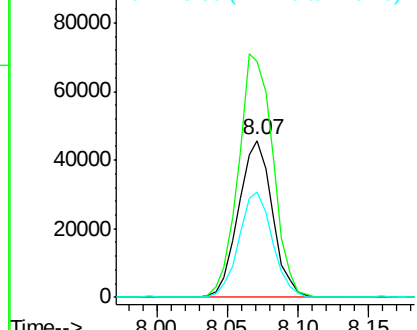
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 814
Delta R.T. -0.00 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Instrument :
BNA_G
ClientSampleId :
ES-RT-2655

Tot Ion:152 Resp: 76636
Ion Ratio Lower Upper
152 100
150 151.0 126.6 189.8
115 67.6 53.0 79.4



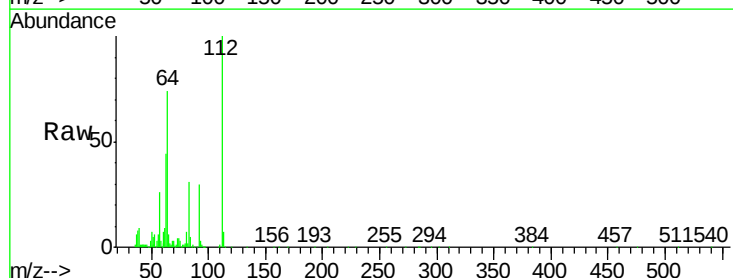
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



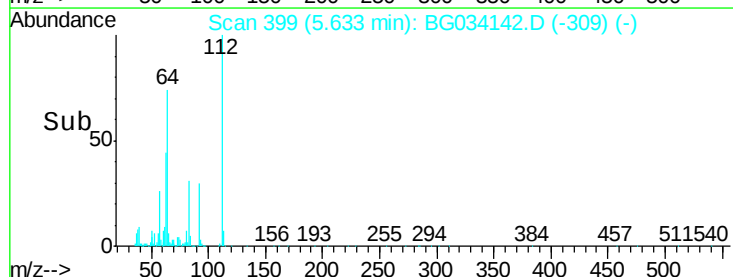
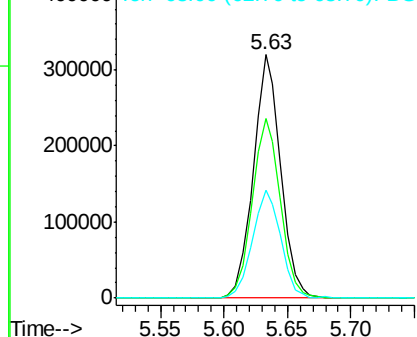
#5

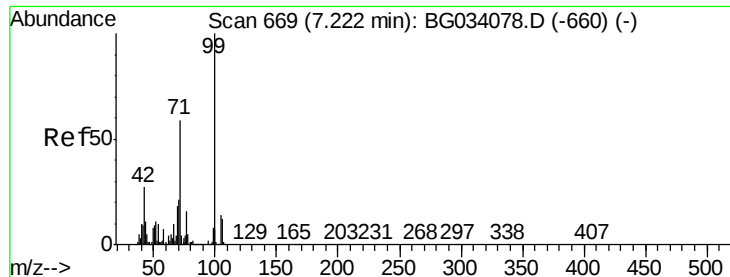
2-Fluorophenol
Concen: 101.163 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.00 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion:112 Resp: 479859
Ion Ratio Lower Upper
112 100
64 73.8 56.3 84.5
63 44.2 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: 93.786 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

Instrument :

BNA_G

ClientSampleId :

ES-RT-2655

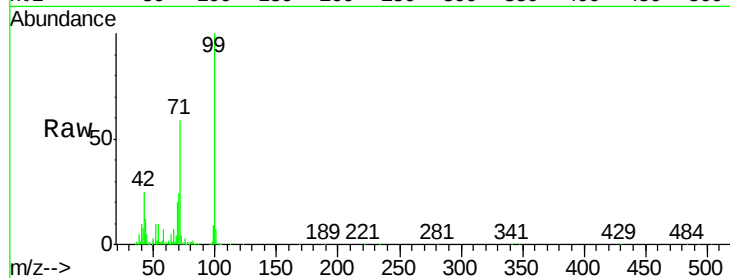
Tot Ion: 99 Resp: 692573

Ion Ratio Lower Upper

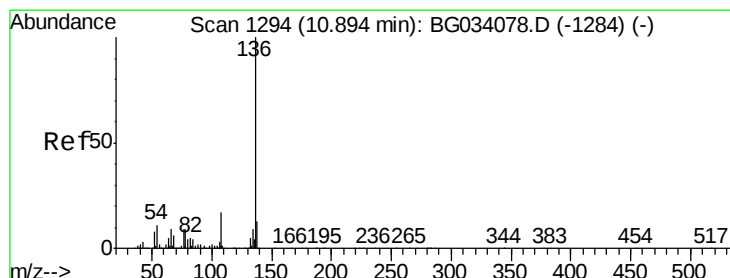
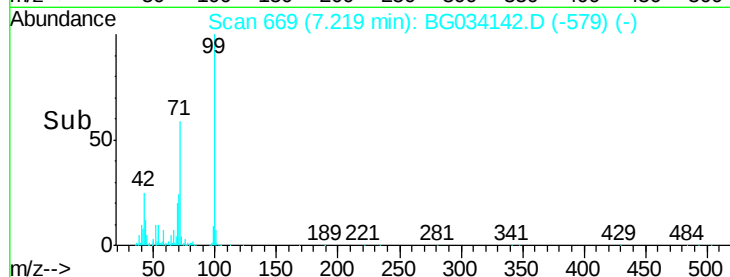
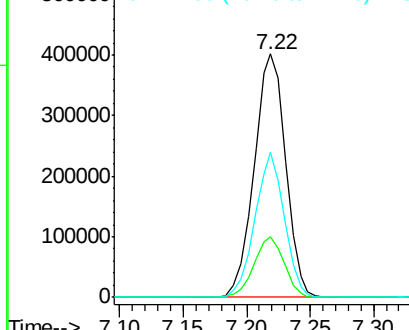
99 100

42 24.9 14.1 21.1#

71 59.4 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: 10.89 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

Tgt Ion: 136 Resp: 307236

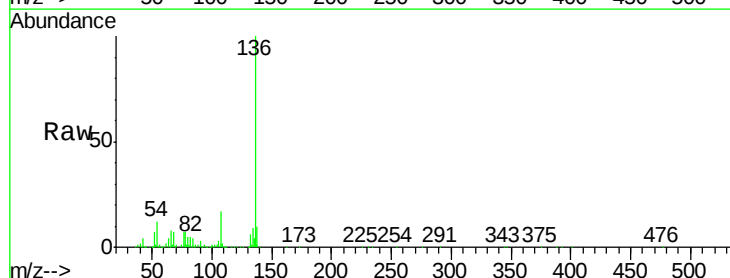
Ion Ratio Lower Upper

136 100

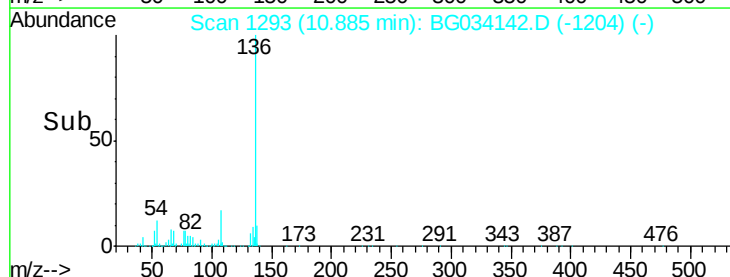
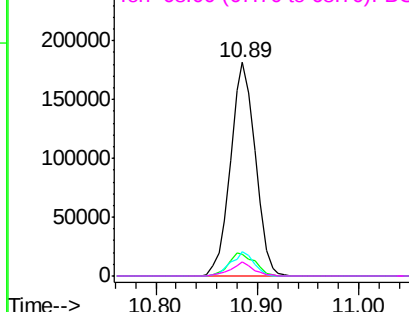
137 10.1 9.2 13.8

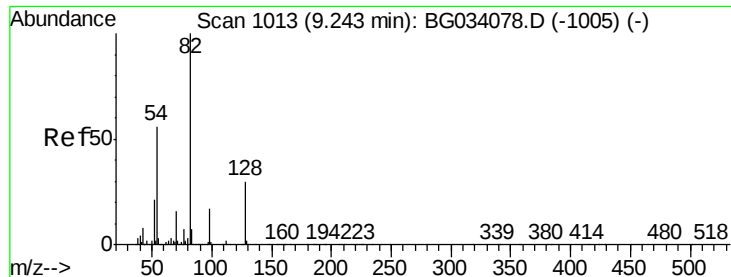
54 11.6 10.3 15.5

68 6.8 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

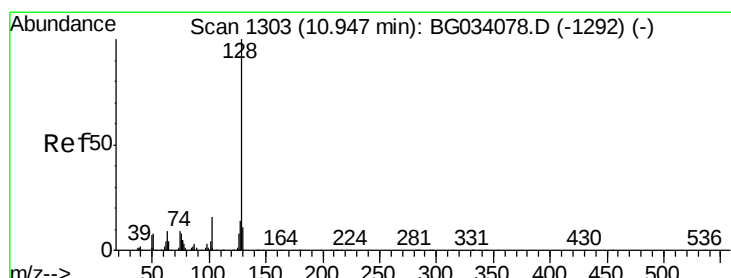
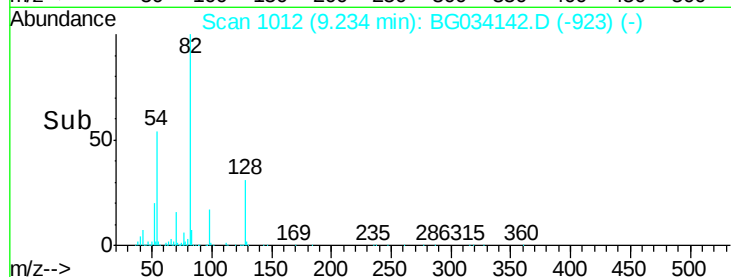
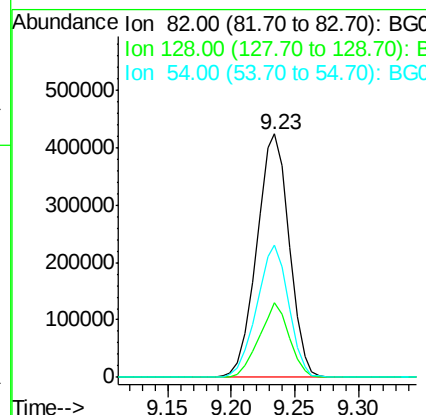
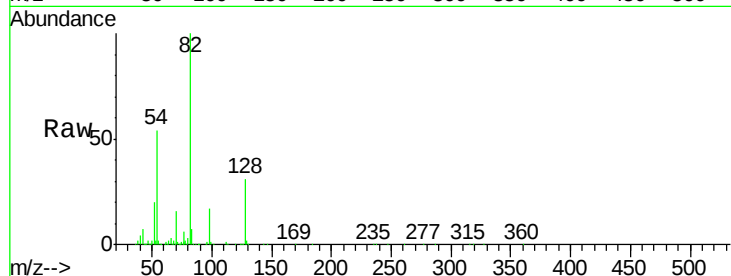




#23
Nitrobenzene-d5
Concen: 94.108 ng
RT: 9.23 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

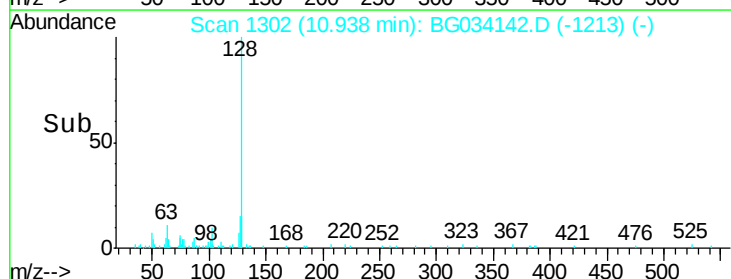
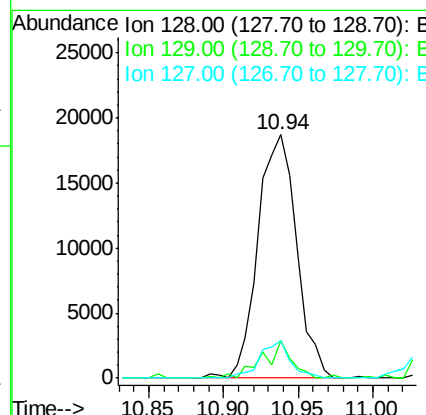
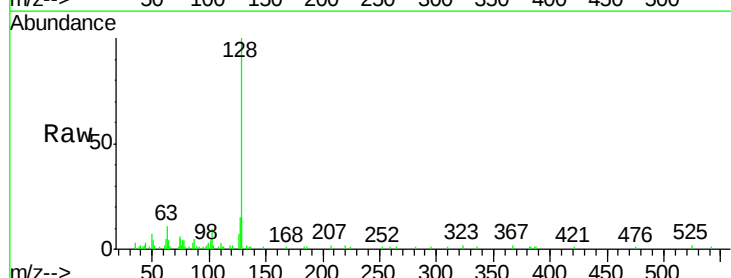
Instrument :
BNA_G
ClientSampled :
ES-RT-2655

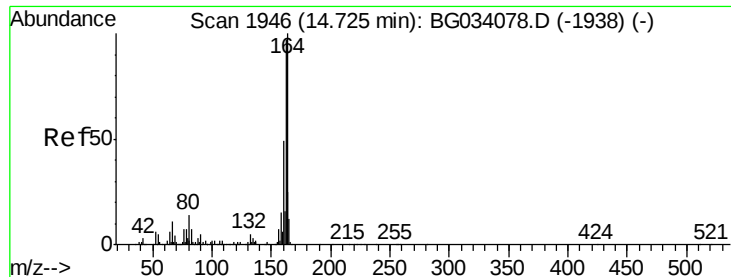
Tot Ion	Ratio	Lower	Upper
82	100		
128	30.5	29.7	44.5
54	54.2	43.1	64.7



#31
Naphthalene
Concen: 2.063 ng
RT: 10.94 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BG034142.D
Acq: 3 May 2018 8:53

Tgt Ion	Ratio	Lower	Upper
128	100		
129	15.3	8.6	12.8#
127	15.2	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

Instrument :

BNA_G

ClientSampleId :

ES-RT-2655

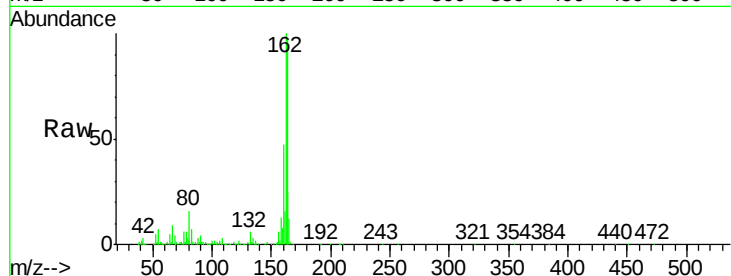
Tot Ion:164 Resp: 235200

Ion Ratio Lower Upper

164 100

162 103.0 78.8 118.2

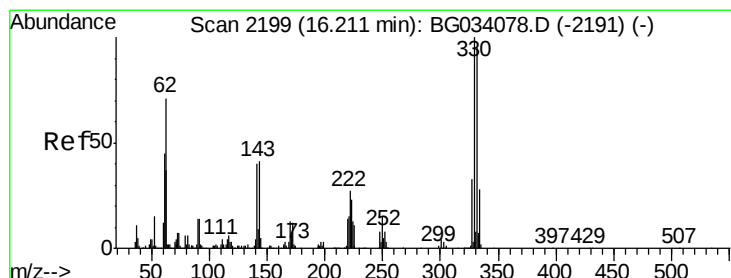
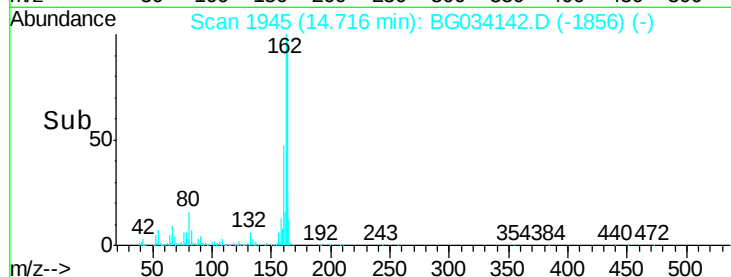
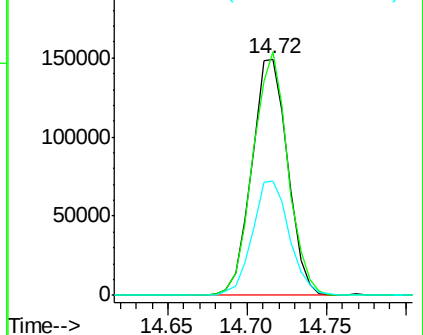
160 48.6 35.4 53.0



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: 142.009 ng

RT: 16.20 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

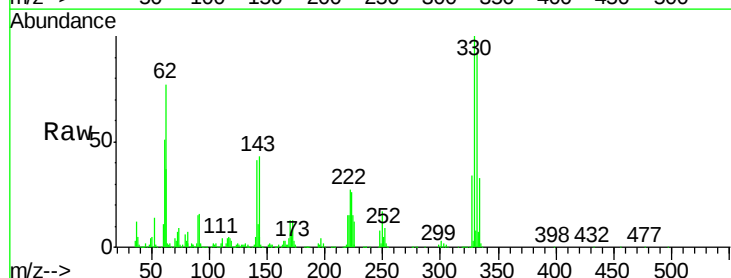
Tgt Ion:330 Resp: 462501

Ion Ratio Lower Upper

330 100

332 95.4 77.0 115.6

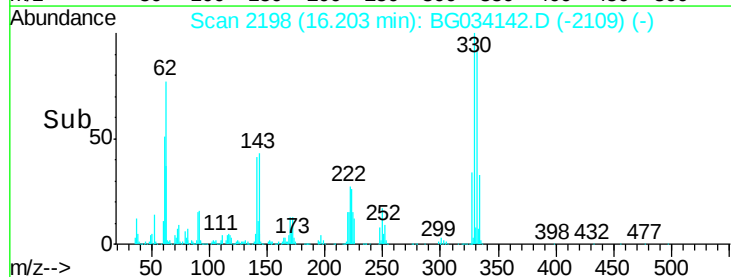
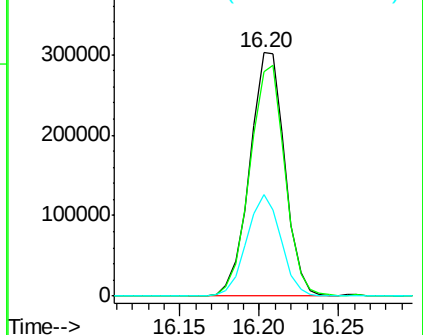
141 41.1 25.2 37.8#

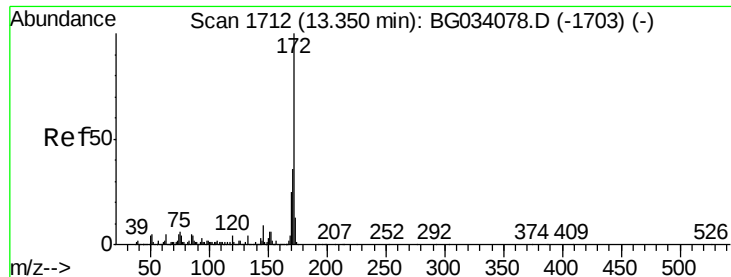


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



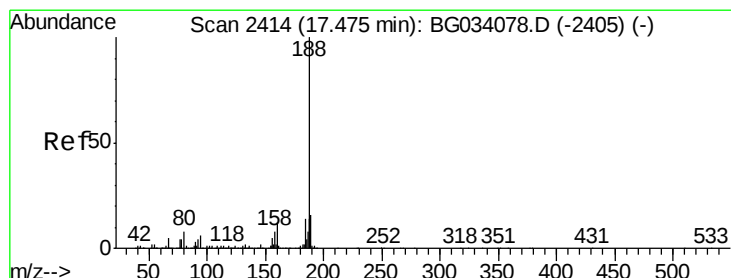
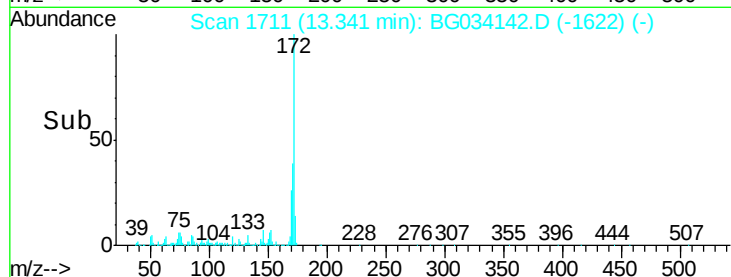
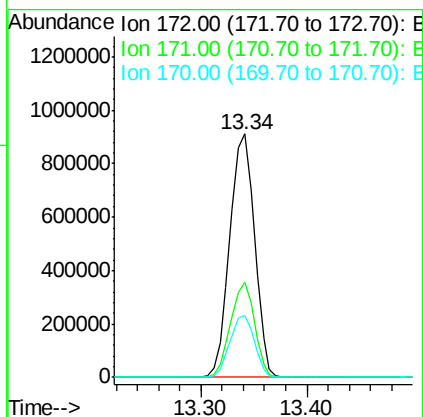
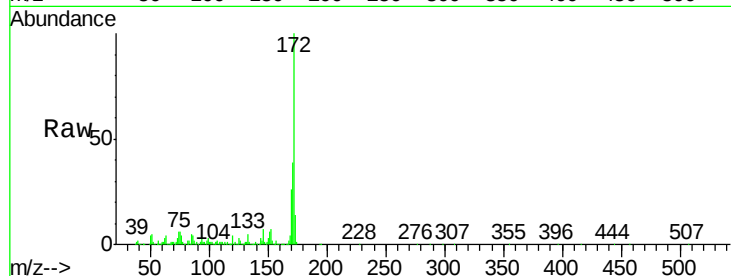


#44
 2-Fluorobiphenyl
 Concen: 91.180 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.01 min
 Lab File: BG034142.D
 Acq: 3 May 2018 8:53

Instrument :
 BNA_G
 ClientSampleId :
 ES-RT-2655

Tot Ion:172 Resp: 1471748

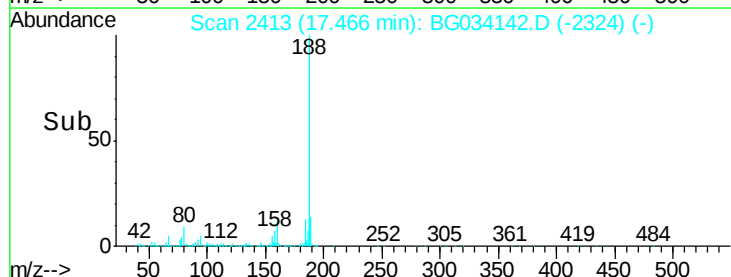
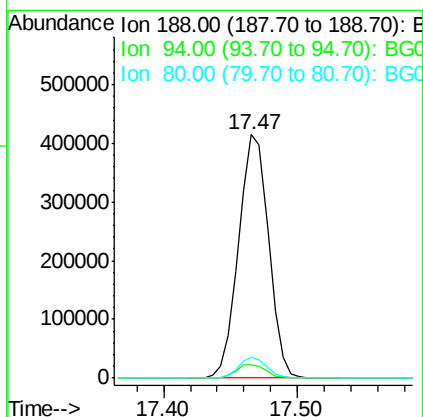
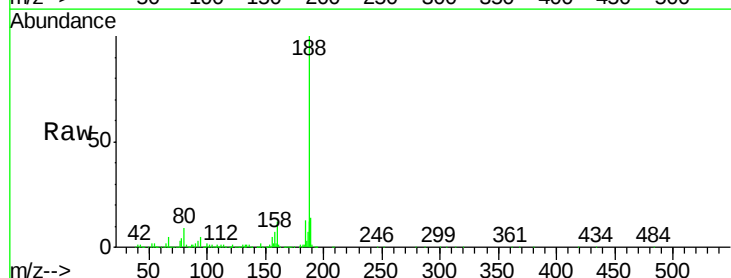
Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.6	19.5	29.3

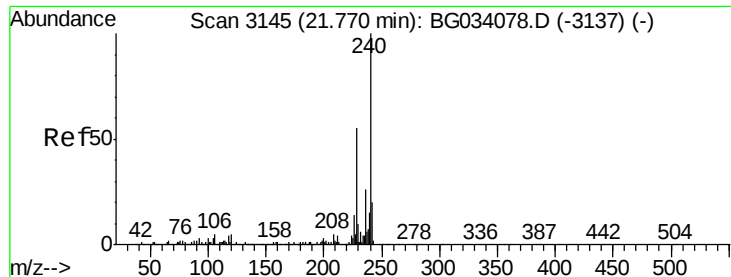


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.01 min
 Lab File: BG034142.D
 Acq: 3 May 2018 8:53

Tgt Ion:188 Resp: 645717

Ion	Ratio	Lower	Upper
188	100		
94	5.3	6.9	10.3#
80	8.8	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

Instrument :

BNA_G

ClientSampleId :

ES-RT-2655

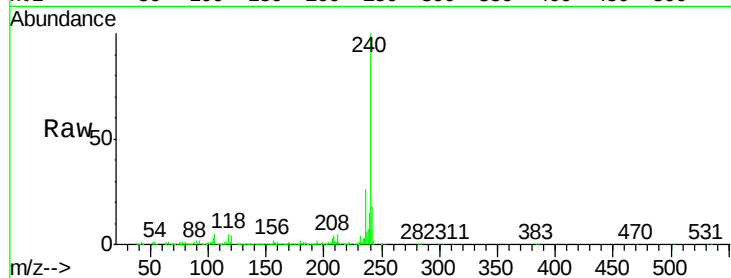
Tot Ion:240 Resp: 763266

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

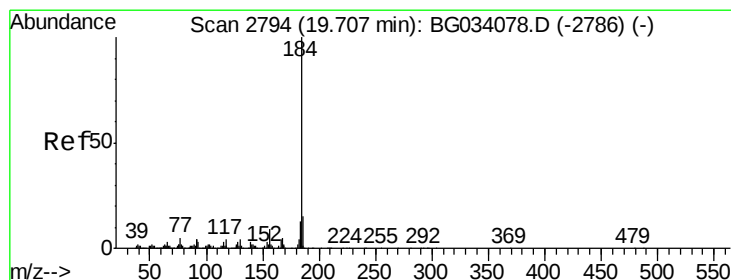
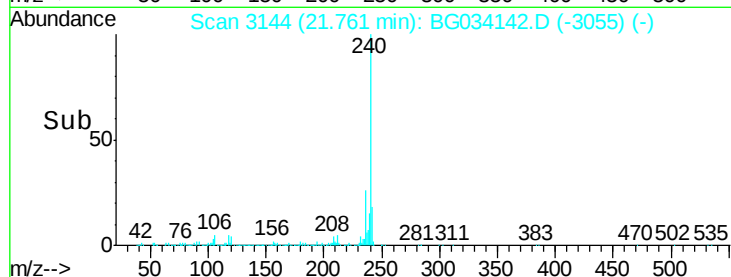
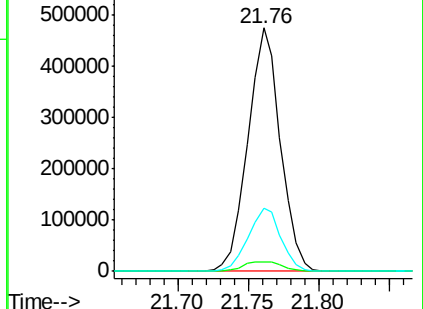
236 25.8 20.9 31.3



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



#76

Benzidine

Concen: 131.351 ng

RT: 19.71 min Scan# 2795

Delta R.T. 0.00 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

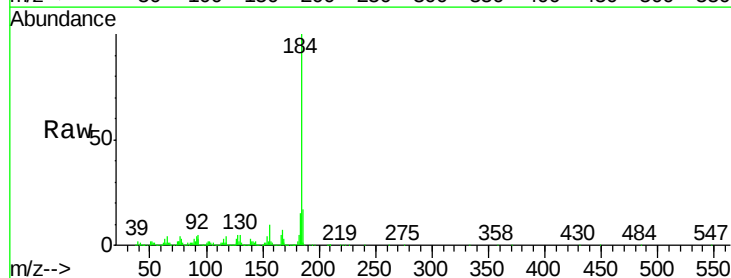
Tgt Ion:184 Resp: 2582498

Ion Ratio Lower Upper

184 100

185 16.5 11.1 16.7

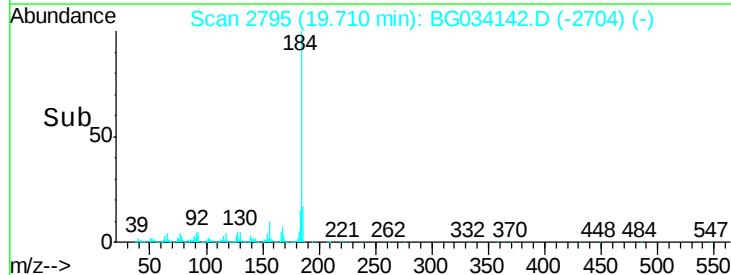
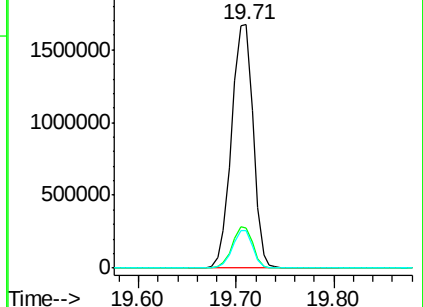
183 15.5 10.6 16.0

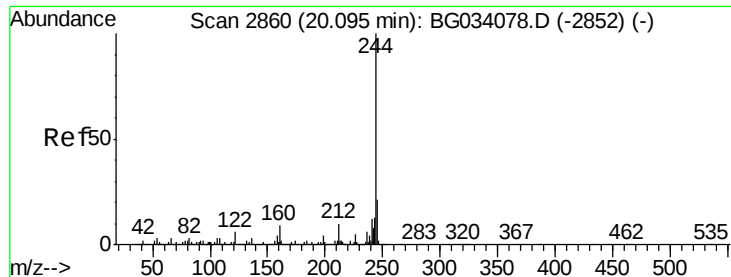


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 82.987 ng

RT: 20.09 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

Instrument :

BNA_G

ClientSampleId :

ES-RT-2655

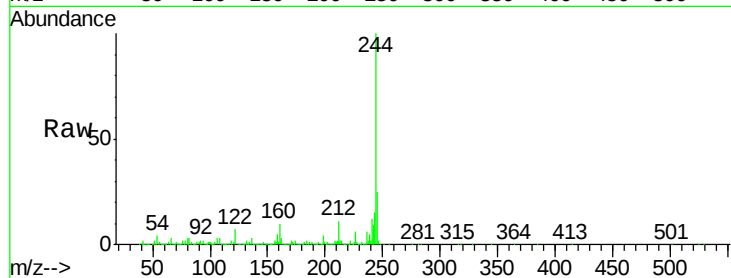
Tot Ion:244 Resp: 2891418

Ion Ratio Lower Upper

244 100

212 10.8 5.8 8.8#

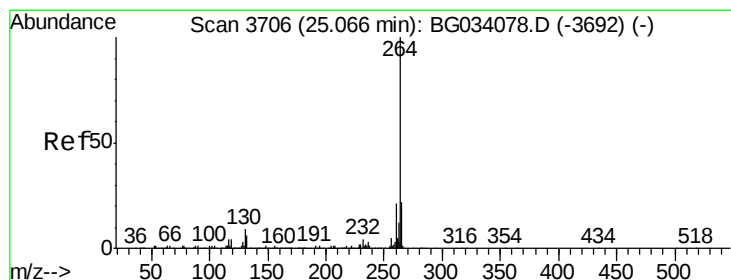
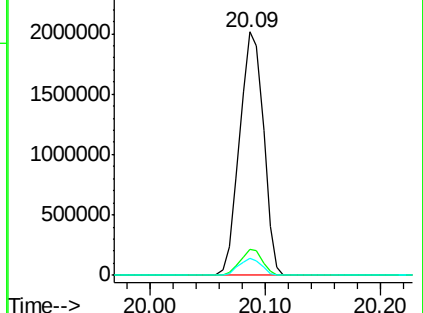
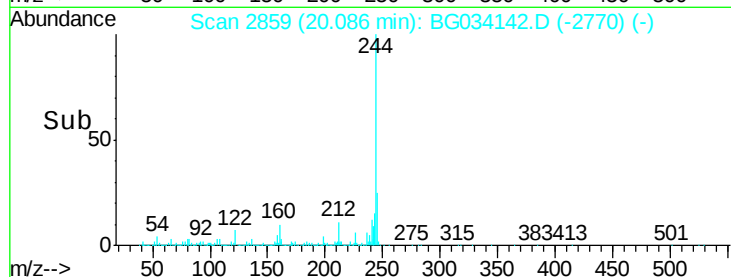
122 6.9 7.0 10.4#



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: 25.06 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG034142.D

Acq: 3 May 2018 8:53

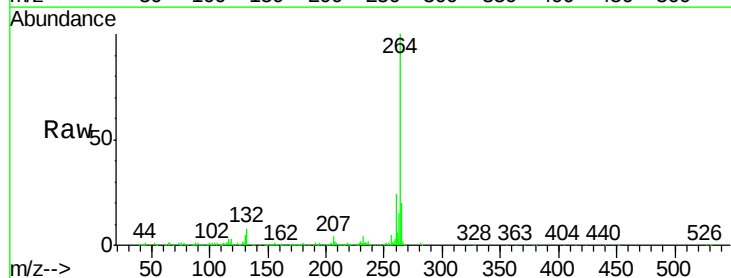
Tgt Ion:264 Resp: 769739

Ion Ratio Lower Upper

264 100

260 24.0 17.4 26.0

265 20.2 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

