

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072418\
 Data File : BG035845.D
 Acq On : 24 Jul 2018 13:20
 Operator : JU/SJ
 Sample : J4090-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-034

Quant Time: Jul 25 17:14:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 24 14:48:00 2018
 Response via : Initial Calibration

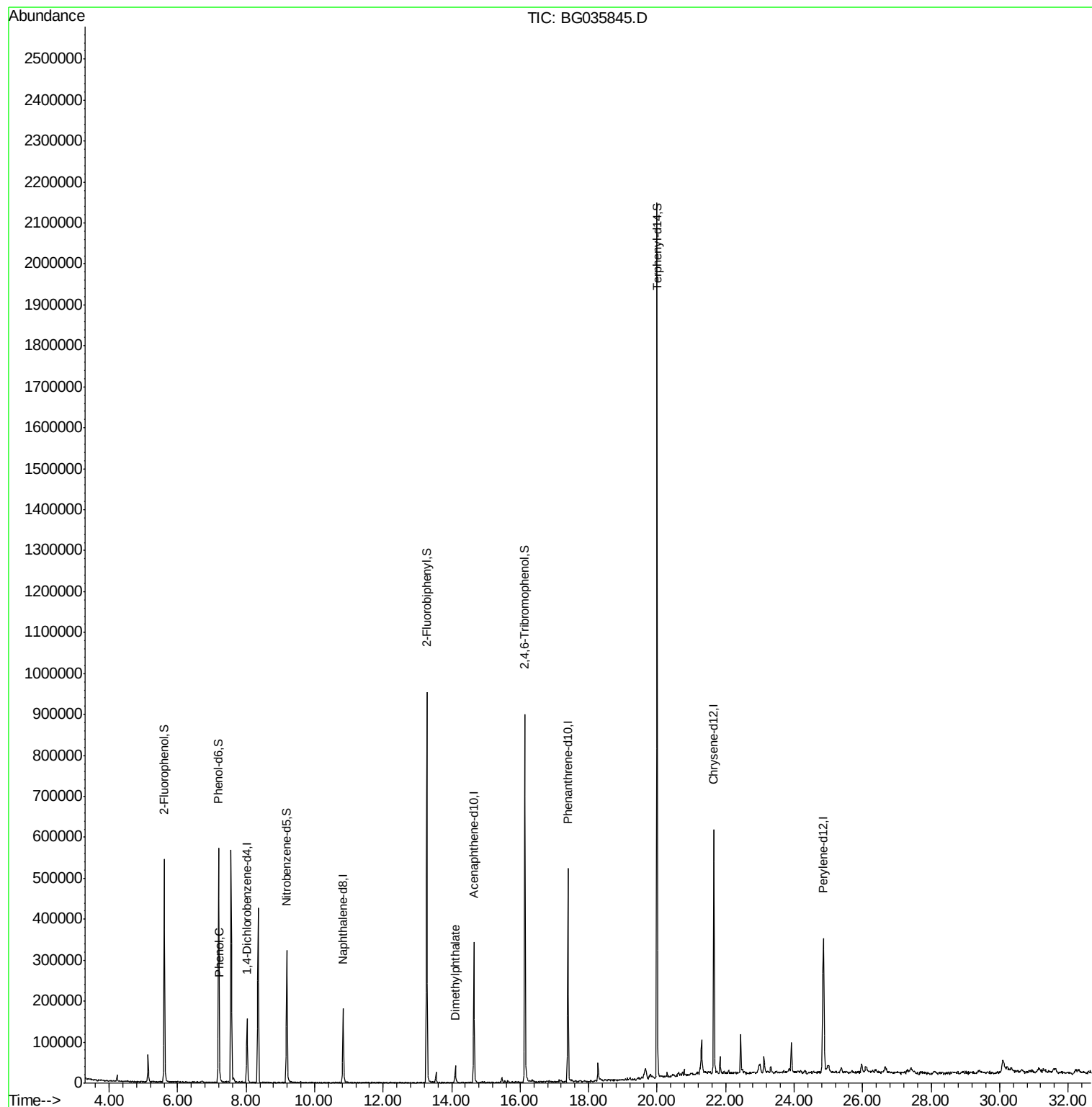
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	43519	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	161843	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	122696	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	345705	20.00	ng	0.00
75) Chrysene-d12	21.65	240	372651	20.00	ng	0.00
86) Perylene-d12	24.85	264	359414	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	245239	93.56	ng	0.00
7) Phenol-d6	7.20	99	362612	92.72	ng	0.00
23) Nitrobenzene-d5	9.19	82	231368	59.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	167503	103.58	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	531646	58.05	ng	0.00
78) Terphenyl-d14	20.00	244	1031348	61.01	ng	0.00
Target Compounds						
10) Phenol	7.22	94	12011	3.040	ng	82
49) Dimethylphthalate	14.10	163	35109	3.266	ng	# 97

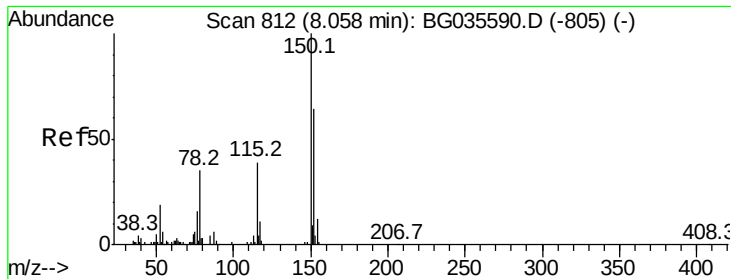
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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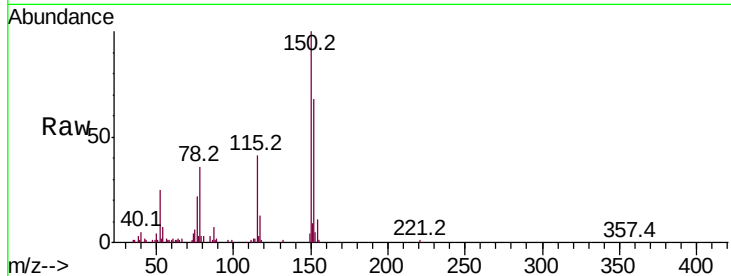


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-034

Tot Ion	Ratio	Lower	Upper
152	100		
150	146.5	126.6	189.8
115	59.4	53.0	79.4

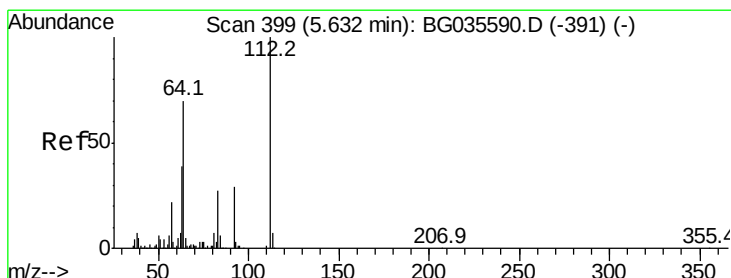
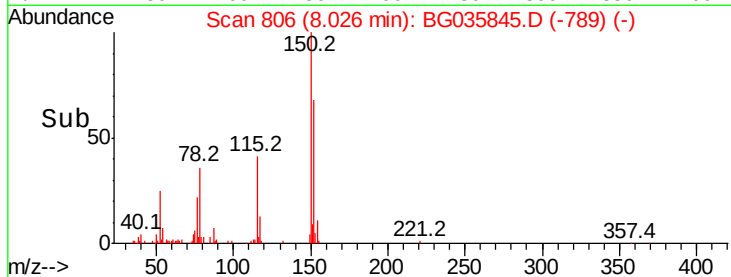
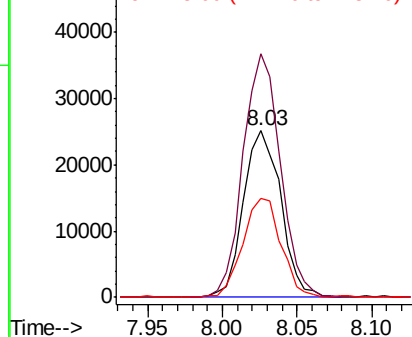


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

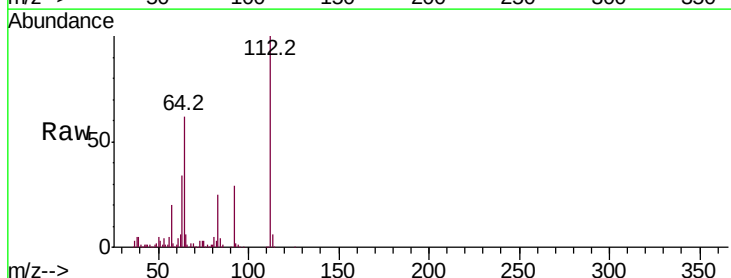
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 93.558 ng
RT: 5.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.0	56.3	84.5
63	34.3	30.1	45.1

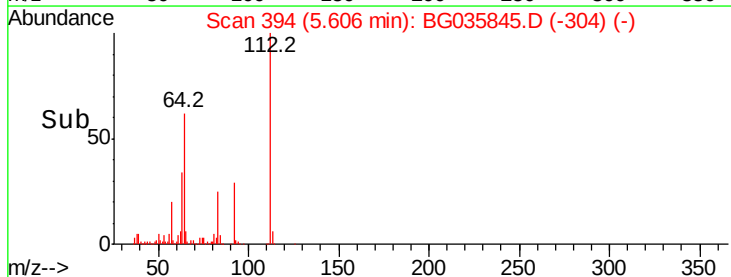
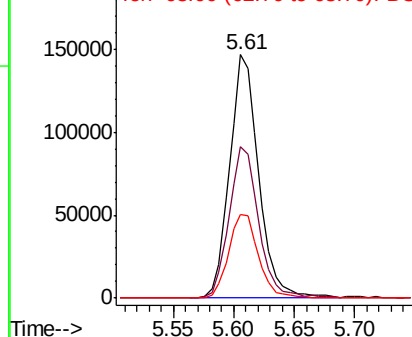


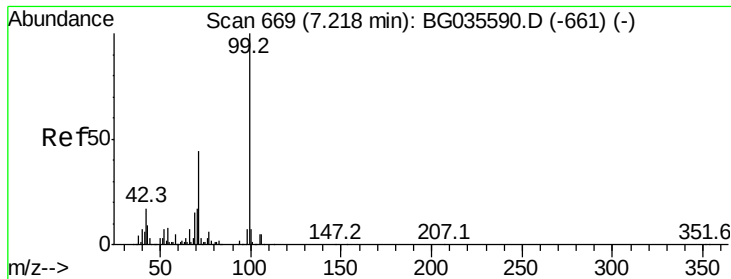
Abundance

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: 92.719 ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-034

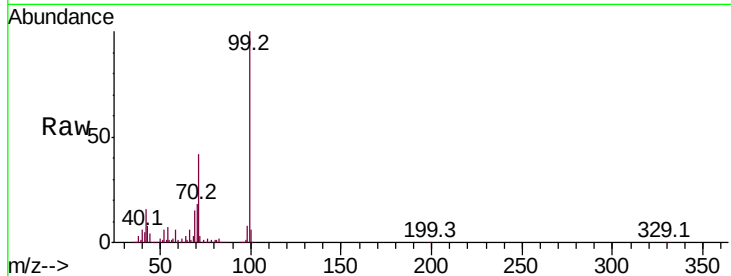
Tot Ion: 99 Resp: 362612

Ion Ratio Lower Upper

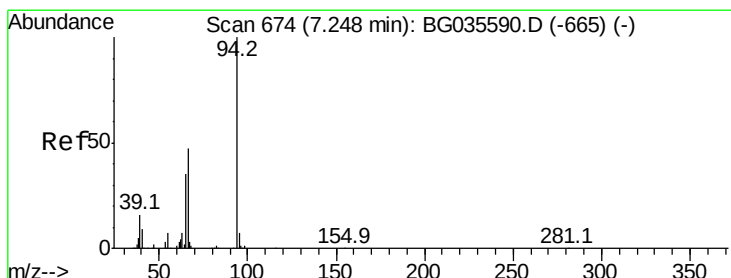
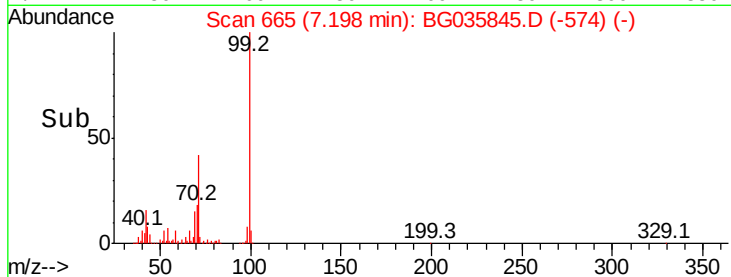
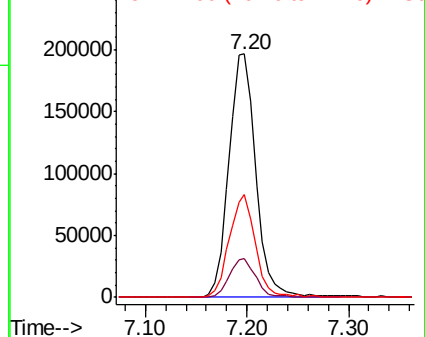
99 100

42 16.2 14.1 21.1

71 42.0 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



#10

Phenol

Concen: 3.040 ng

RT: 7.22 min Scan# 669

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

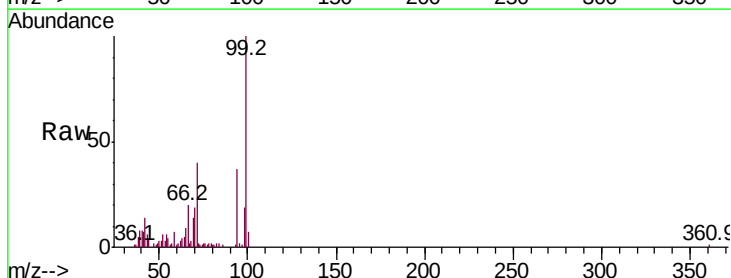
Tgt Ion: 94 Resp: 12011

Ion Ratio Lower Upper

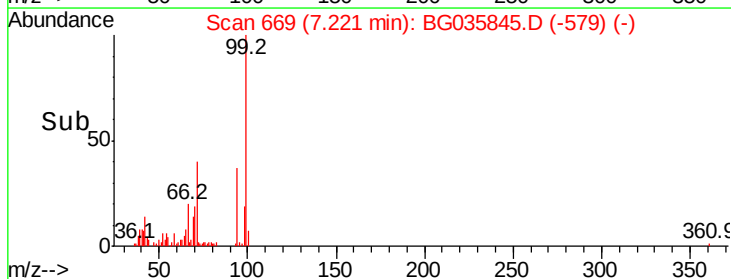
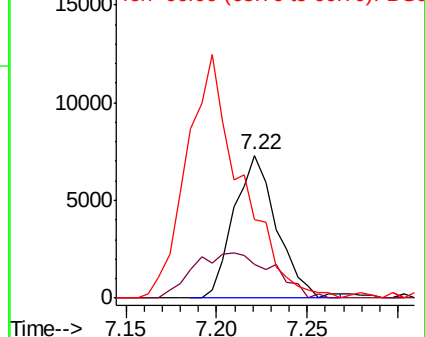
94 100

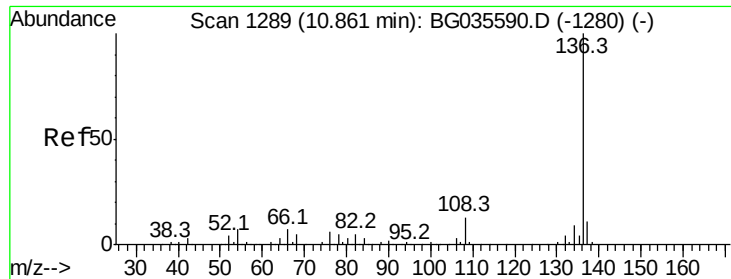
65 23.8 11.9 51.9

66 55.0 22.2 62.2



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: 10.83 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-034

Tot Ion:136 Resp: 161843

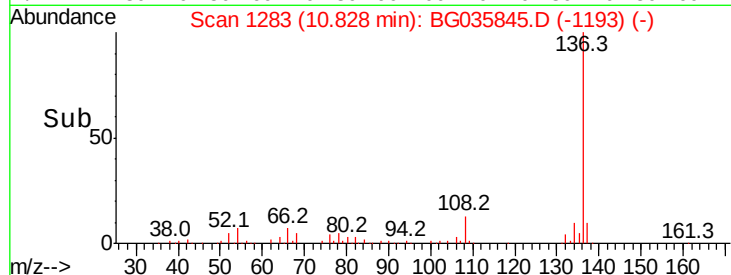
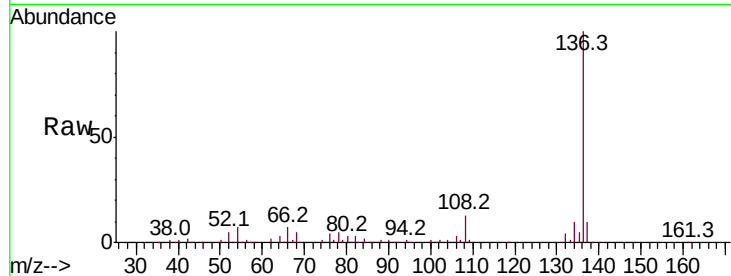
Ion Ratio Lower Upper

136 100

137 10.3 9.2 13.8

54 6.9 10.3 15.5#

68 4.8 4.5 6.7

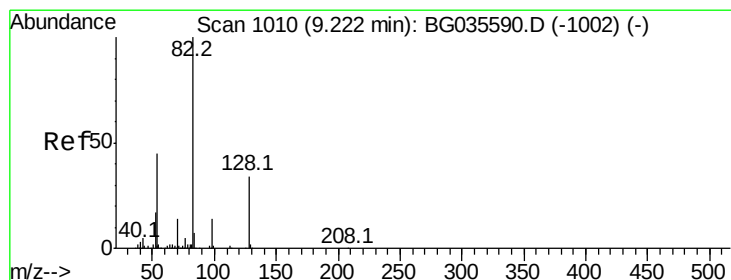
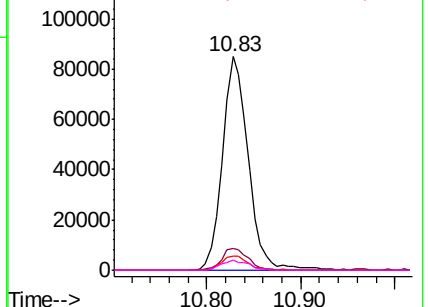


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.720 ng

RT: 9.19 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

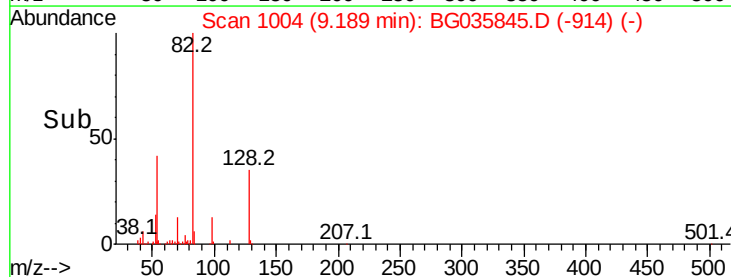
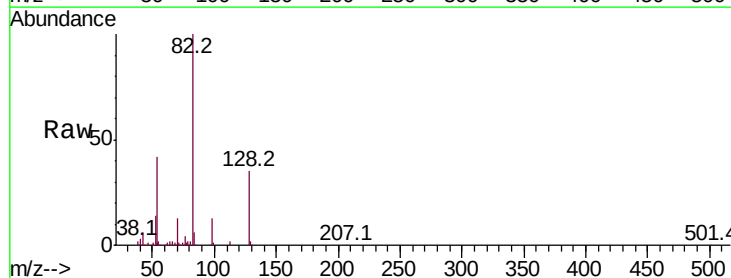
Tgt Ion: 82 Resp: 231368

Ion Ratio Lower Upper

82 100

128 35.2 29.7 44.5

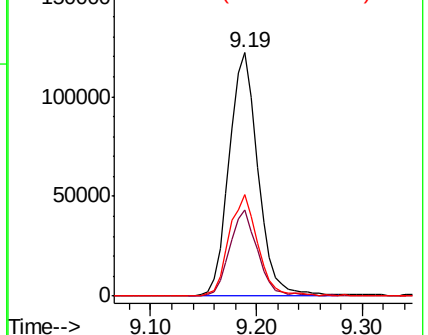
54 41.7 43.1 64.7#

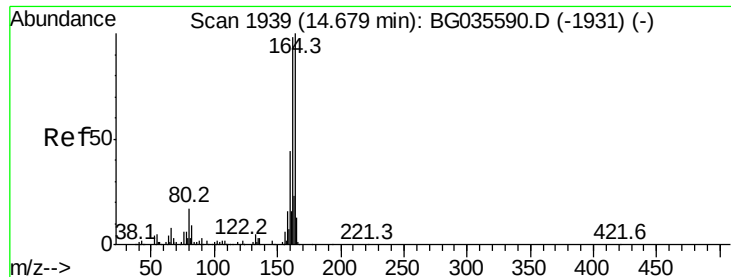


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. 0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-034

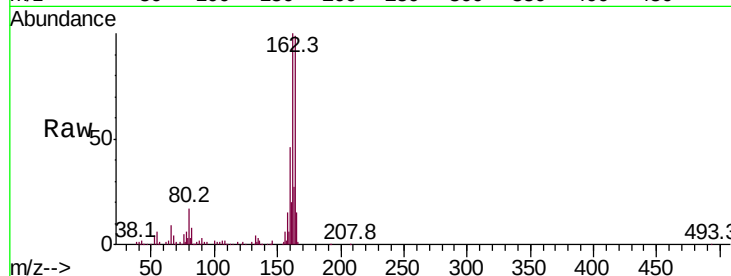
Tot Ion:164 Resp: 122696

Ion Ratio Lower Upper

164 100

162 101.0 78.8 118.2

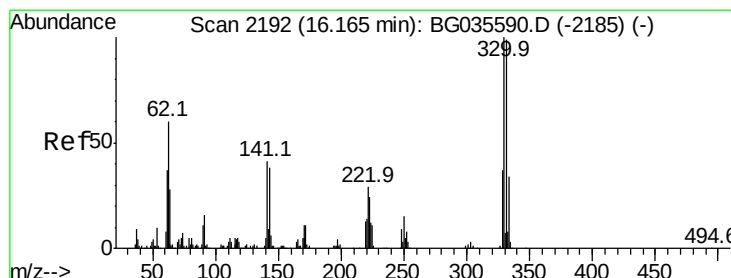
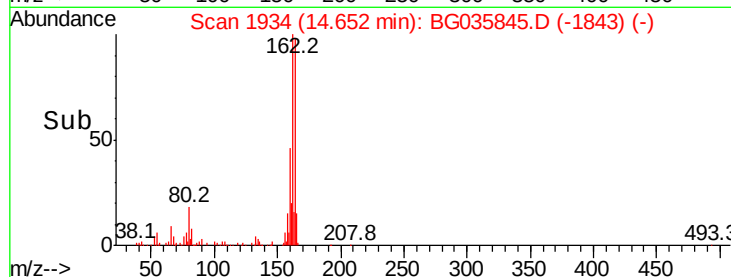
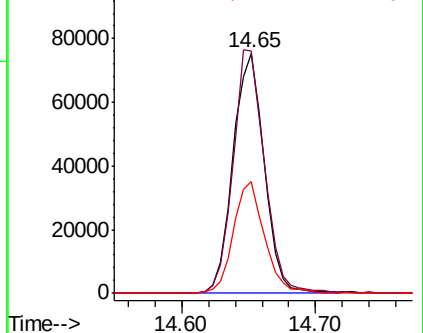
160 46.5 35.4 53.0



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: 103.575 ng

RT: 16.14 min Scan# 2187

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

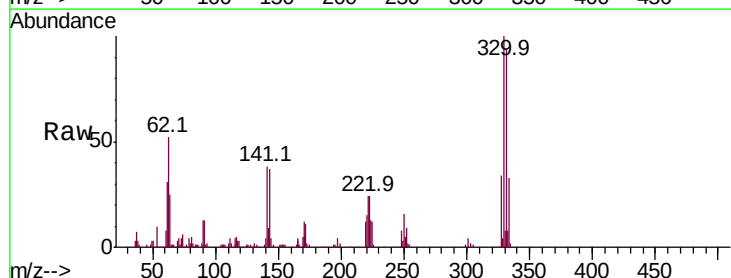
Tgt Ion:330 Resp: 167503

Ion Ratio Lower Upper

330 100

332 95.0 77.0 115.6

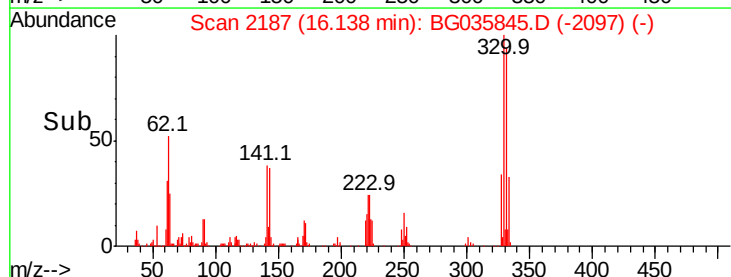
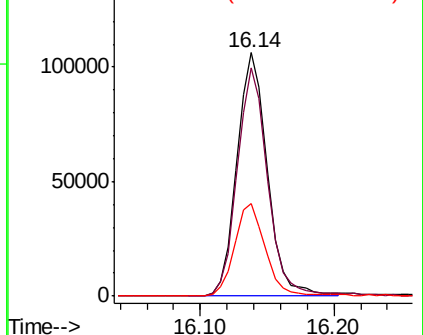
141 38.9 25.2 37.8#

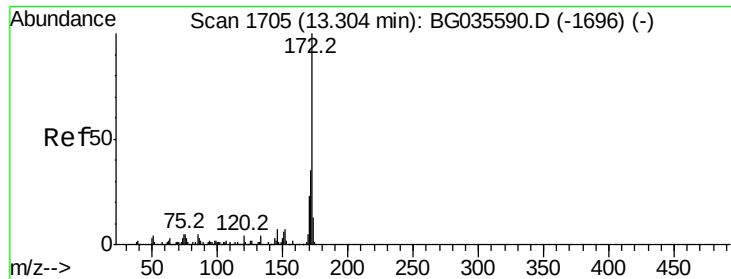


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

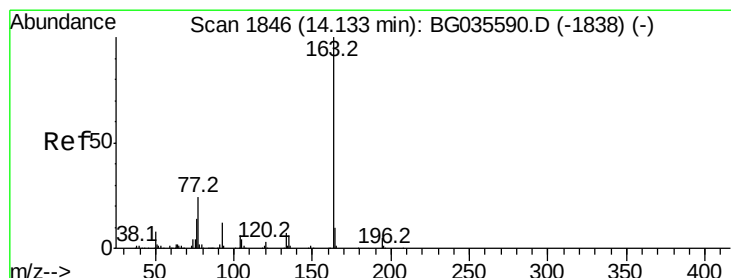
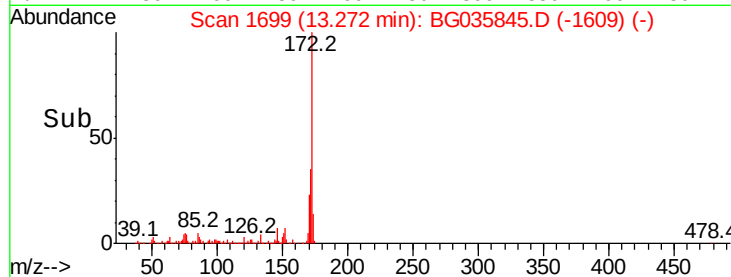
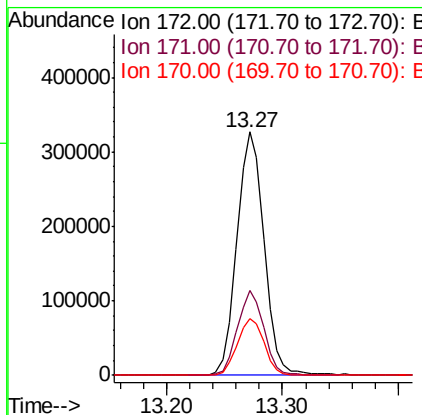
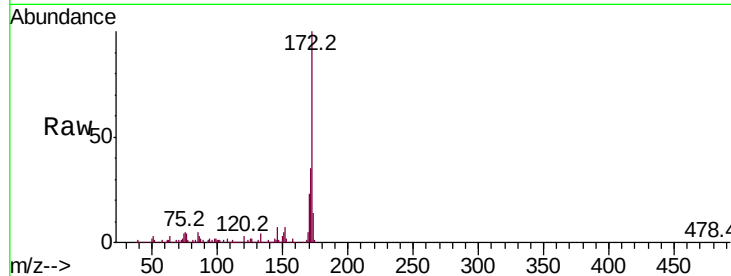




#44
2-Fluorobiphenyl
Concen: 58.051 ng
RT: 13.27 min Scan# 1699
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

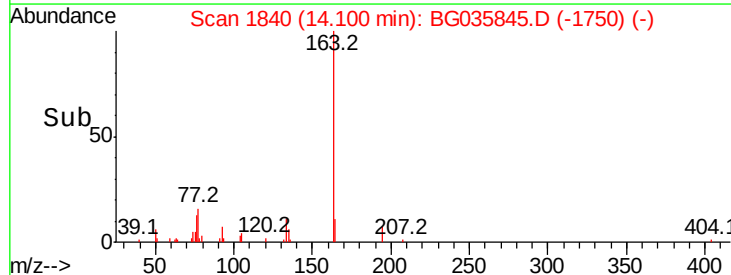
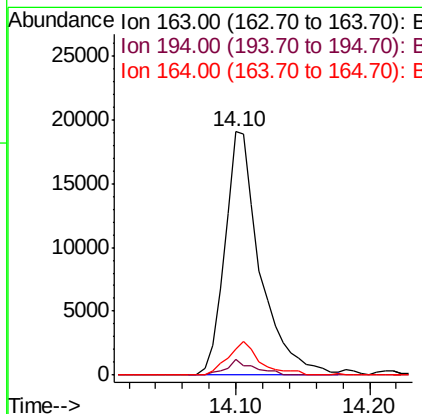
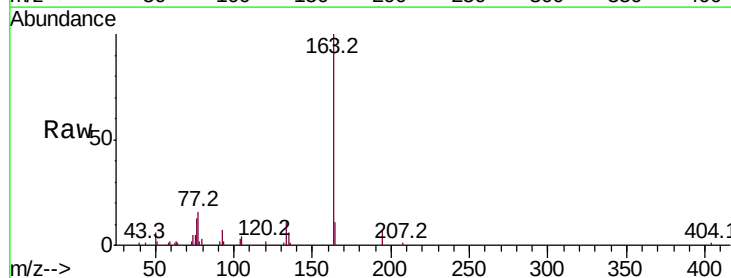
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-034

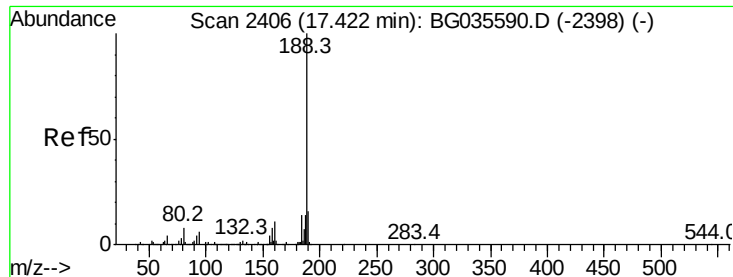
Tot Ion:172 Resp: 531646
Ion Ratio Lower Upper
172 100
171 34.8 30.0 45.0
170 23.2 19.5 29.3



#49
Dimethylphthalate
Concen: 3.266 ng
RT: 14.10 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BG035845.D
Acq: 24 Jul 2018 13:20

Tgt Ion:163 Resp: 35109
Ion Ratio Lower Upper
163 100
194 6.7 3.4 5.2#
164 10.7 8.2 12.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-034

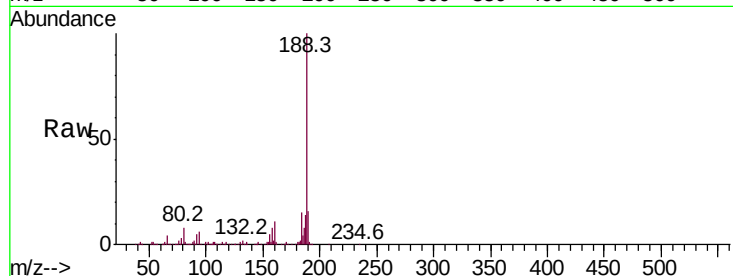
Tot Ion:188 Resp: 345705

Ion Ratio Lower Upper

188 100

94 6.3 6.9 10.3#

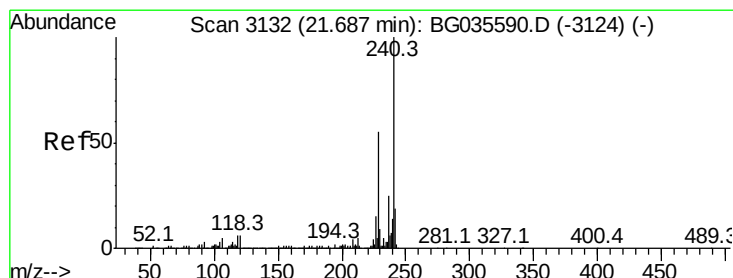
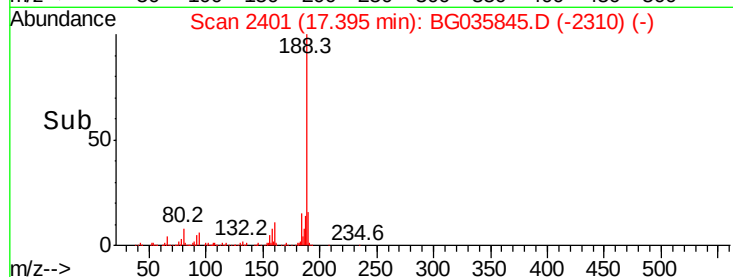
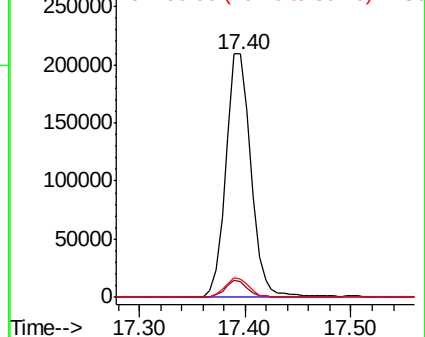
80 7.8 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

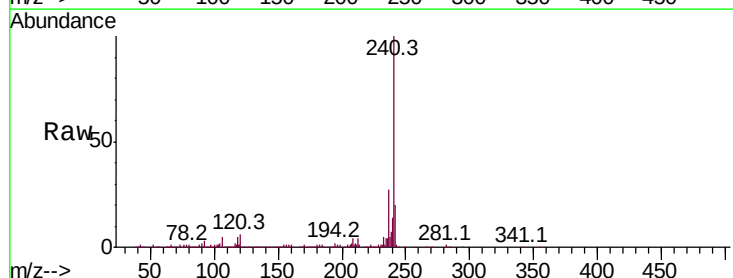
Tgt Ion:240 Resp: 372651

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

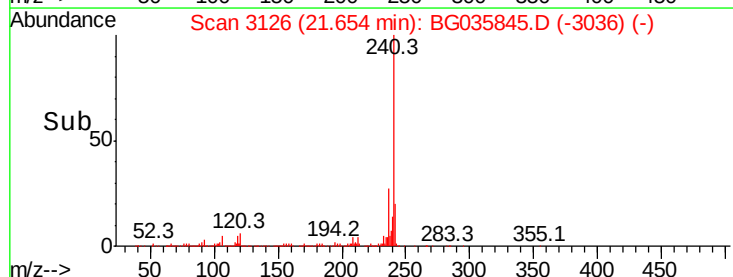
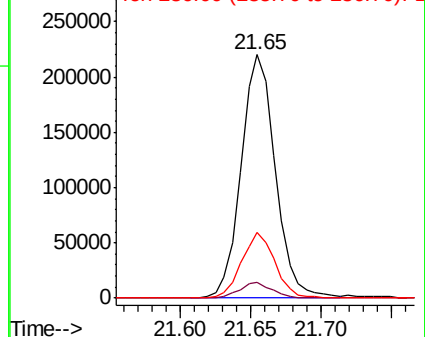
236 27.1 20.9 31.3

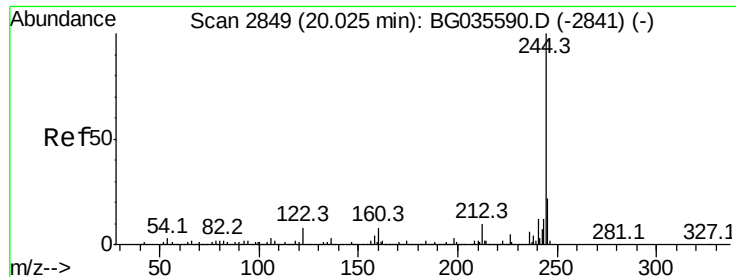


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.006 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-034

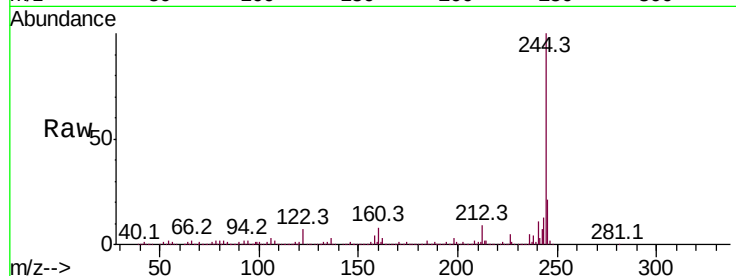
Tot Ion:244 Resp: 1031348

Ion Ratio Lower Upper

244 100

212 9.3 5.8 8.8#

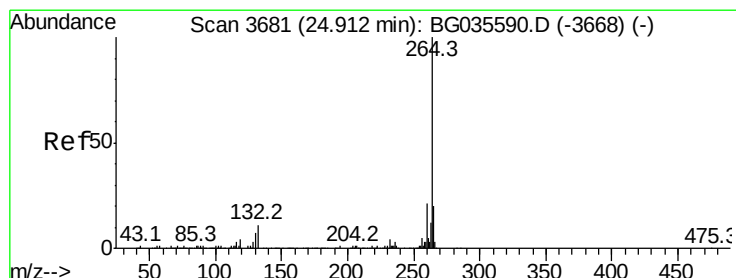
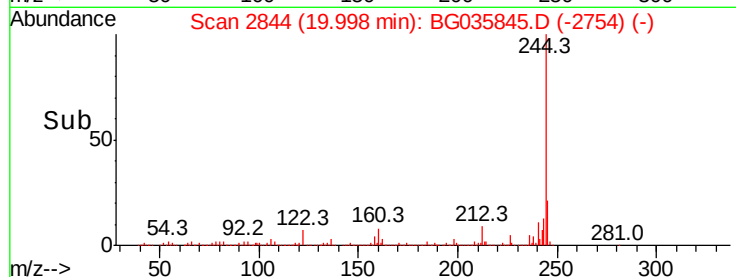
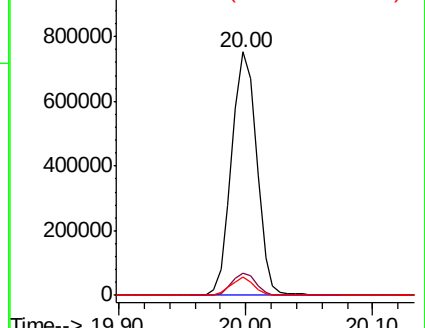
122 7.4 7.0 10.4



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: 24.85 min Scan# 3670

Delta R.T. -0.01 min

Lab File: BG035845.D

Acq: 24 Jul 2018 13:20

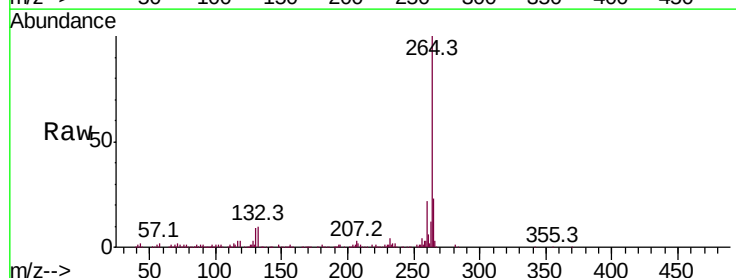
Tgt Ion:264 Resp: 359414

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 22.9 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

