

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062618\
 Data File : BG035441.D
 Acq On : 27 Jun 2018 11:45
 Operator : JU/SJ
 Sample : J3570-10
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20180373-AMENDED-COMPOSITE-

Quant Time: Jun 27 15:43:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

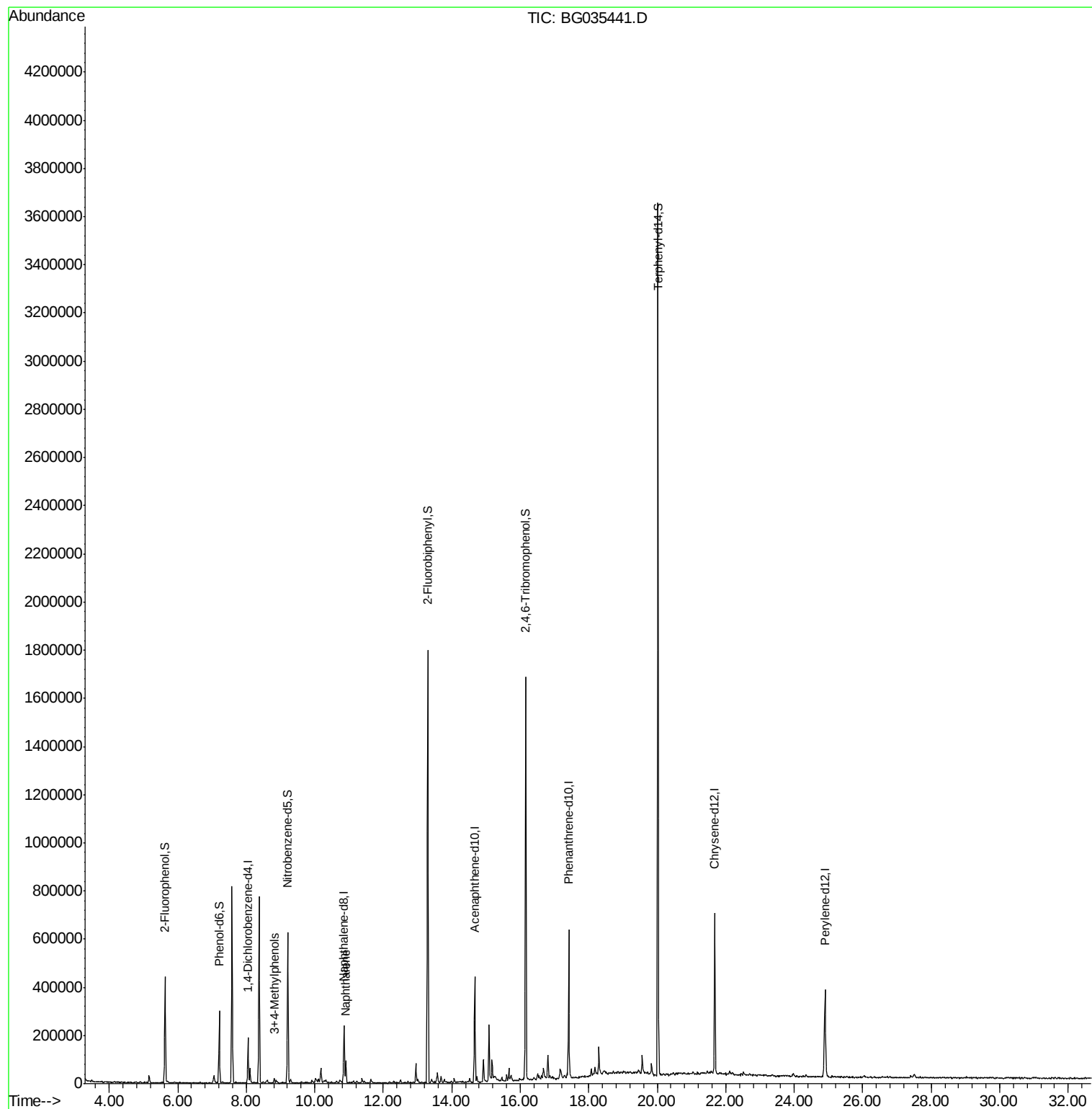
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50813	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	197573	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	147517	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	380269	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	411871	20.00	ng	-0.04
86) Perylene-d12	24.90	264	398250	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	195250	64.85	ng	-0.01
7) Phenol-d6	7.21	99	178615	40.19	ng	-0.01
23) Nitrobenzene-d5	9.21	82	430857	103.66	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	313140	165.82	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	975657	85.98	ng	-0.03
78) Terphenyl-d14	20.02	244	1677165	85.30	ng	-0.02
Target Compounds						
20) 3+4-Methylphenols	8.81	107	9001	2.071	ng	Qvalue # 87
31) Naphthalene	10.90	128	72475	7.061	ng	96

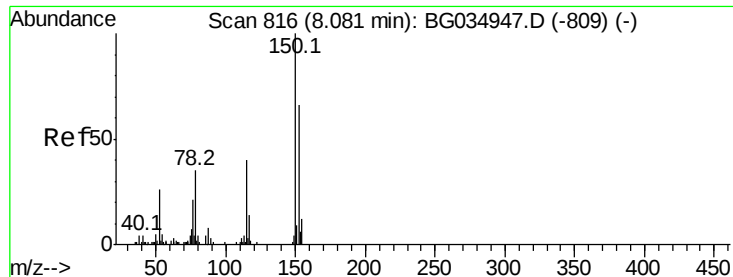
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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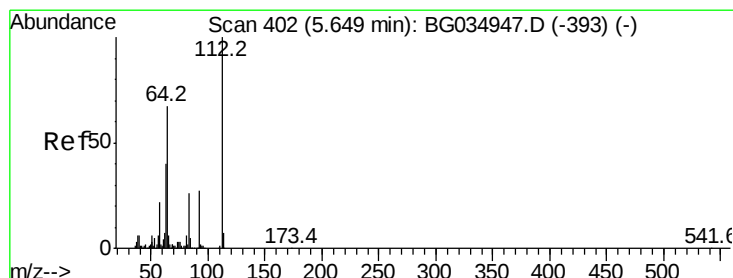
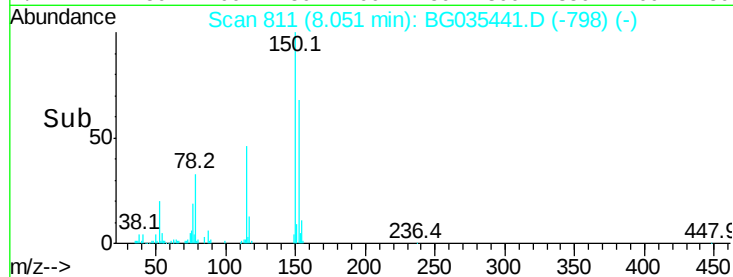
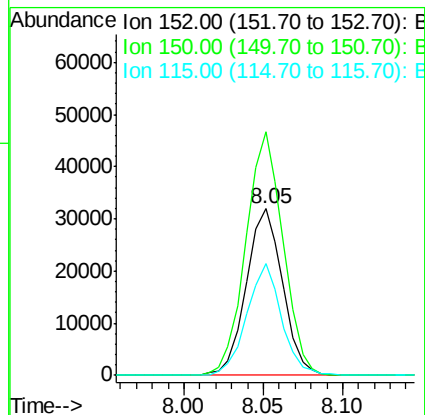
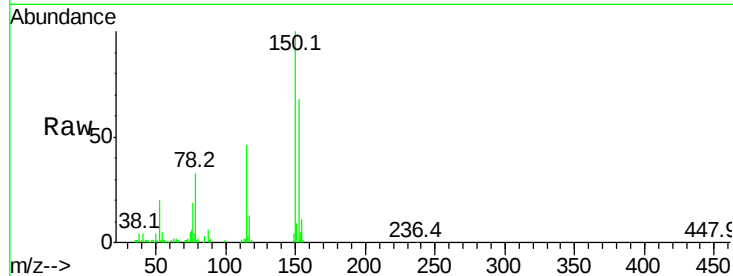


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

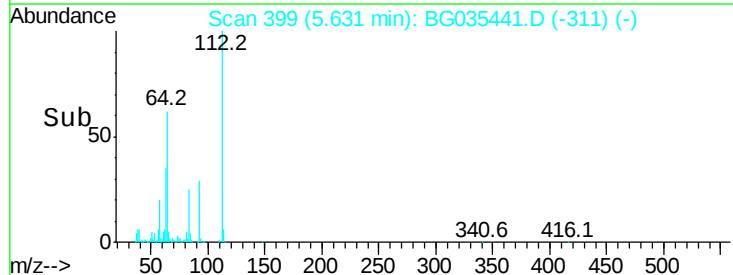
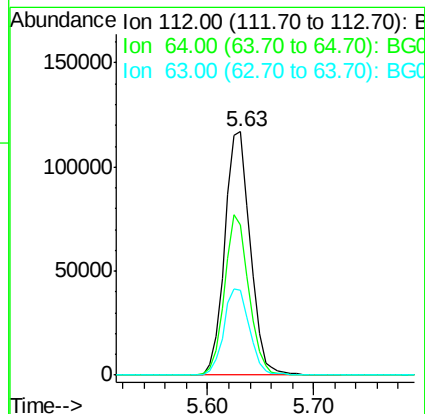
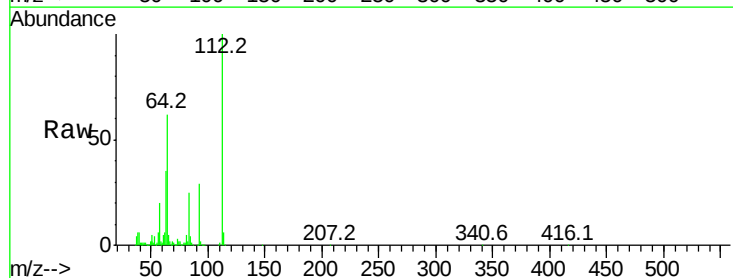
Tot Ion:152 Resp: 50813
Ion Ratio Lower Upper
152 100
150 146.3 126.6 189.8
115 66.9 53.0 79.4

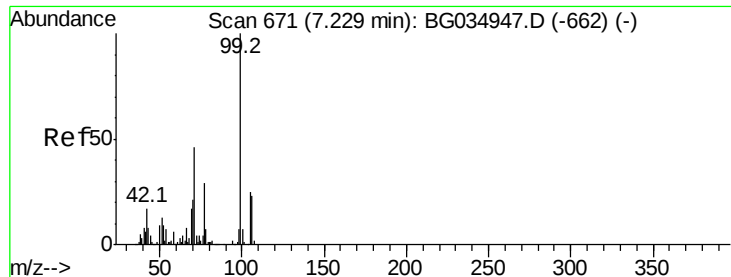


#5

2-Fluorophenol
Concen: 64.847 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt Ion:112 Resp: 195250
Ion Ratio Lower Upper
112 100
64 61.7 56.3 84.5
63 34.9 30.1 45.1





#7

Phenol-d6

Concen: 40.193 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

Instrument :

BNA_G

ClientSampleId :

20180373-AMENDED-COMPOSITE-

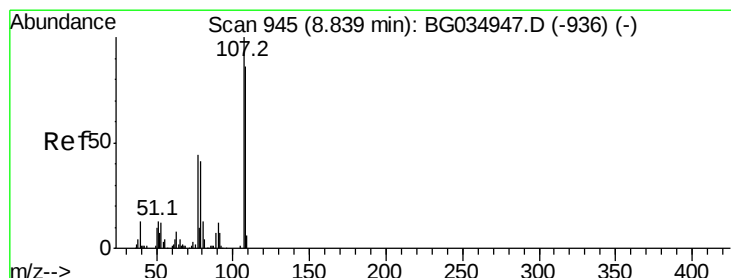
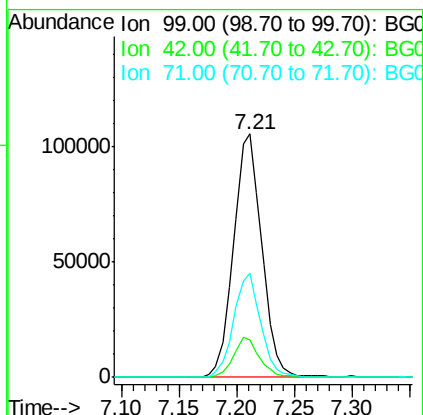
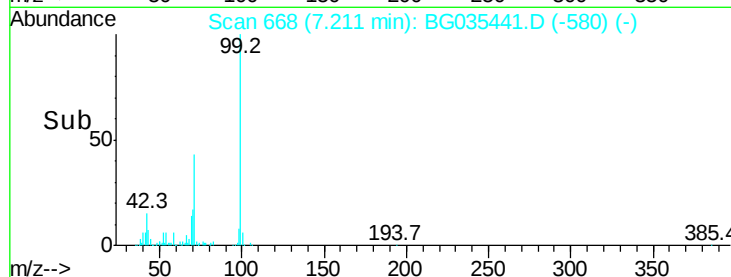
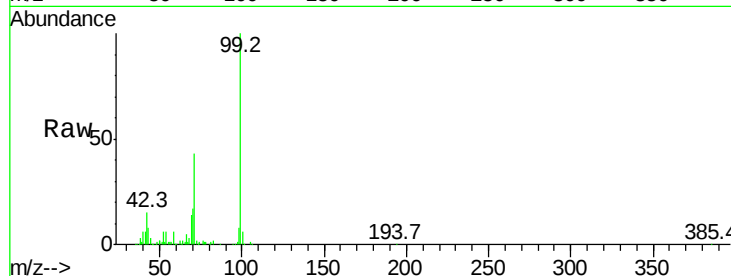
Tot Ion: 99 Resp: 178615

Ion Ratio Lower Upper

99 100

42 15.3 14.1 21.1

71 42.8 26.1 39.1#



#20

3+4-Methylphenols

Concen: 2.071 ng

RT: 8.81 min Scan# 941

Delta R.T. -0.02 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

Tgt Ion: 107 Resp: 9001

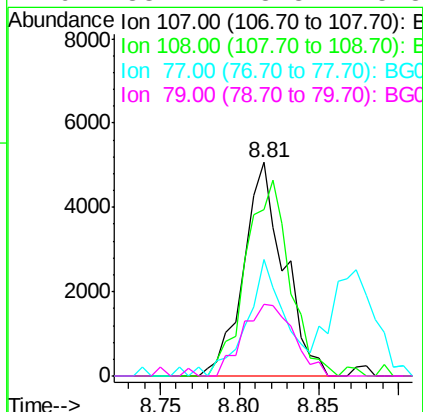
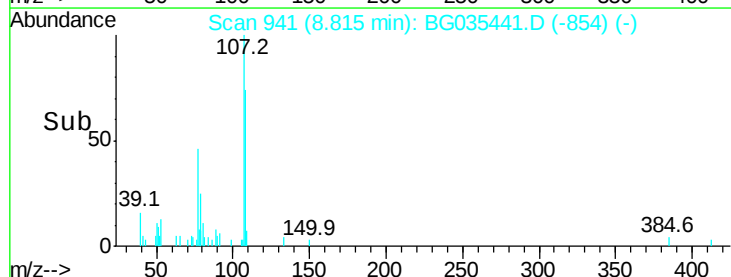
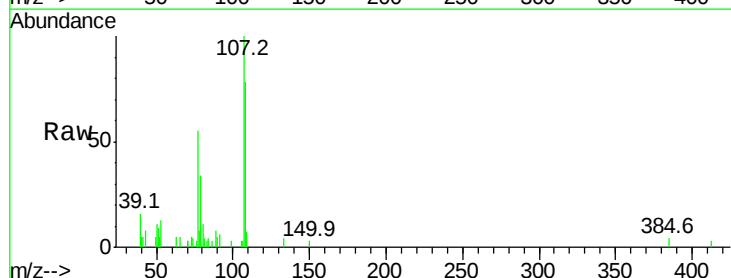
Ion Ratio Lower Upper

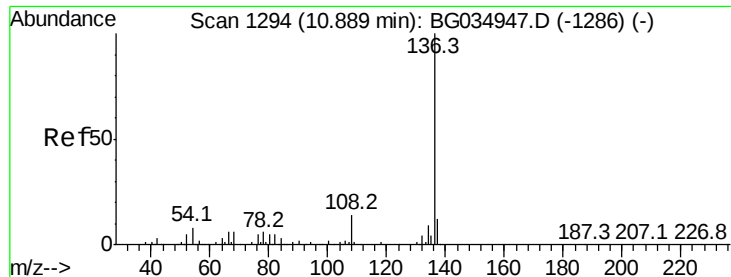
107 100

108 77.9 61.6 101.6

77 54.8 13.9 53.9#

79 33.7 8.8 48.8

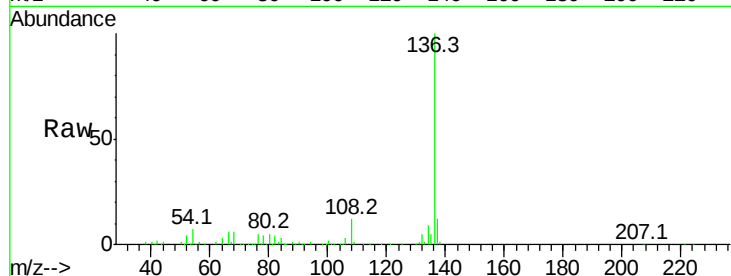




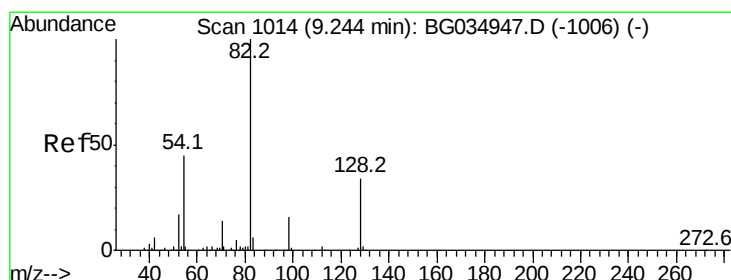
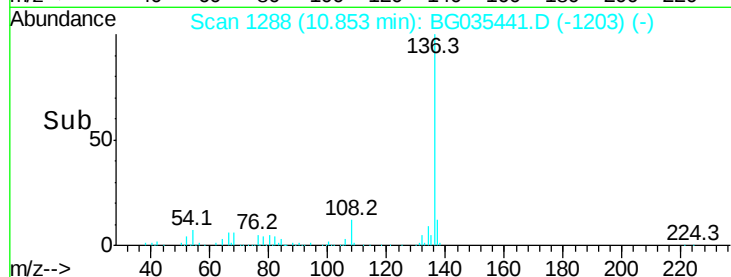
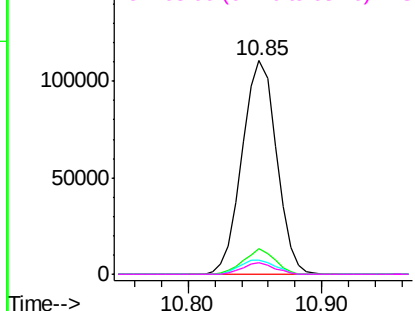
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Instrument :
BNA_G
ClientSampleId :
20180373-AMENDED-COMPOSITE-

Tot Ion:136	Resp:	197573	
Ion Ratio	Lower	Upper	
136 100			
137 12.3	9.2	13.8	
54 6.7	10.3	15.5#	
68 5.6	4.5	6.7	

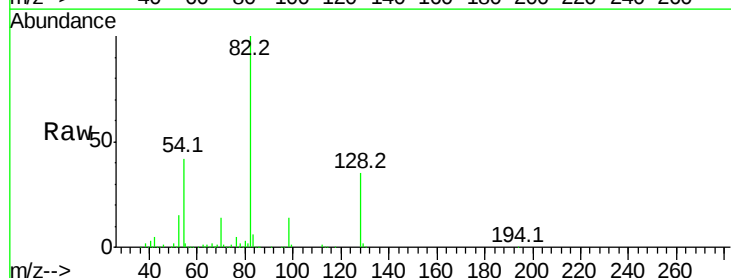


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

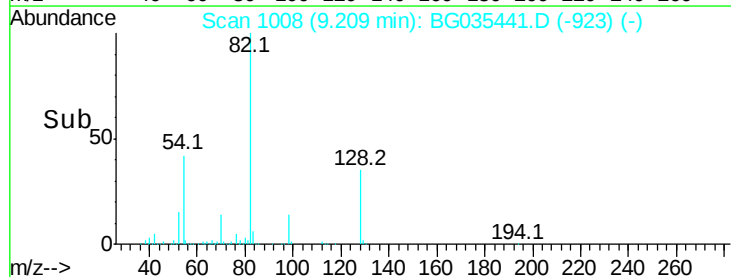
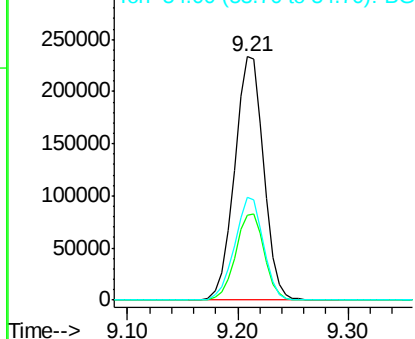


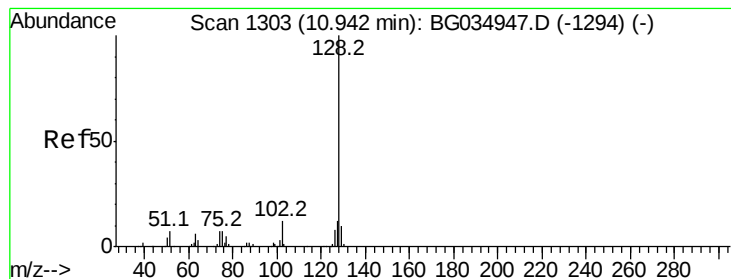
#23
Nitrobenzene-d5
Concen: 103.660 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035441.D
Acq: 27 Jun 2018 11:45

Tgt	Ion: 82	Resp:	430857
Ion	Ratio	Lower	Upper
82	100		
128	34.8	29.7	44.5
54	42.1	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





#31

Naphthalene

Concen: 7.061 ng

RT: 10.90 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

Instrument :

BNA_G

ClientSampleId :

20180373-AMENDED-COMPOSITE-

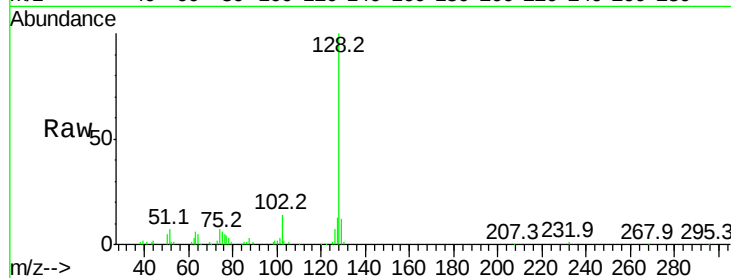
Tot Ion:128 Resp: 72475

Ion Ratio Lower Upper

128 100

129 11.8 8.6 12.8

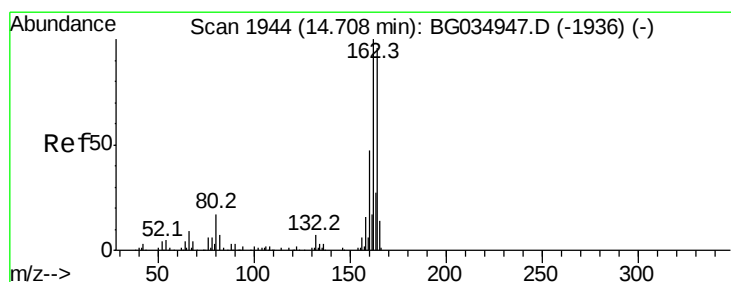
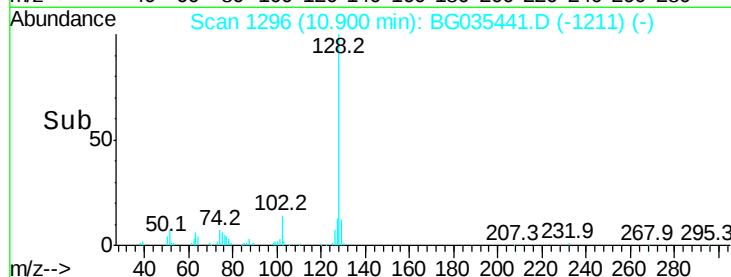
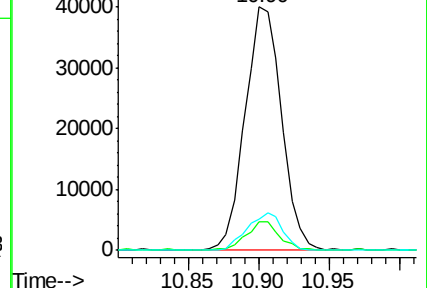
127 12.7 11.6 17.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

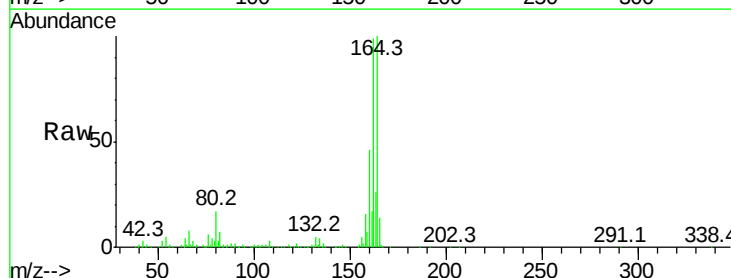
Tgt Ion:164 Resp: 147517

Ion Ratio Lower Upper

164 100

162 99.4 78.8 118.2

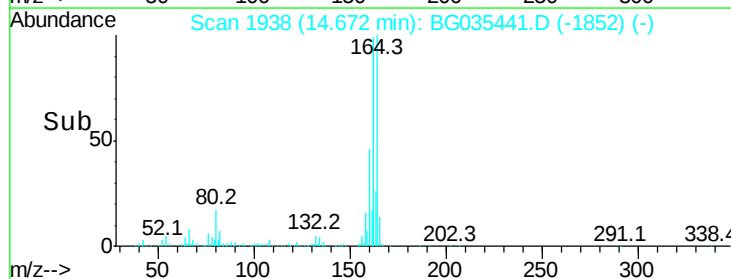
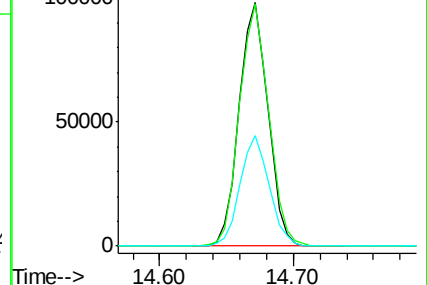
160 45.5 35.4 53.0

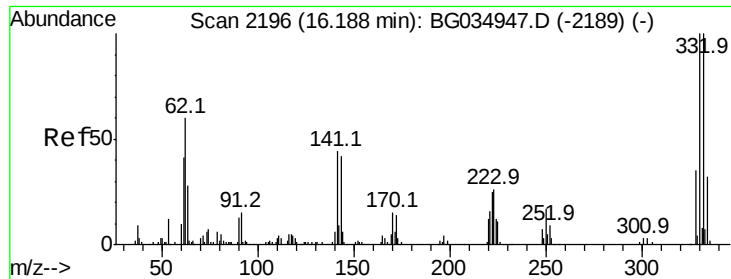


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

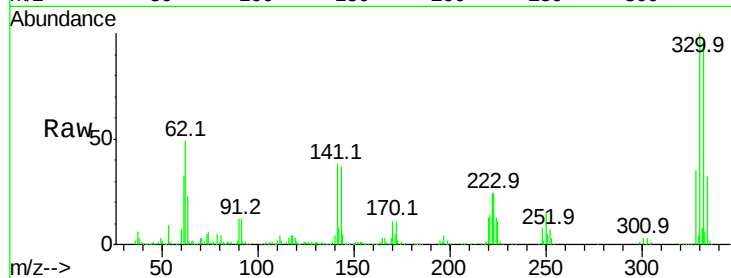




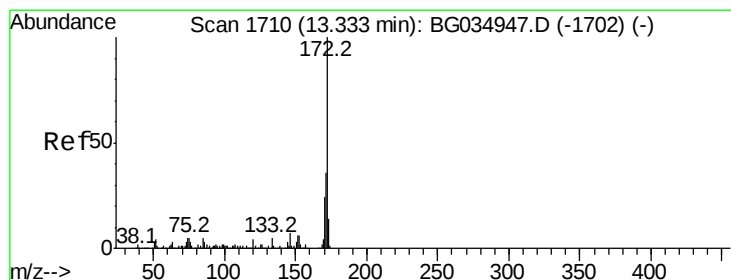
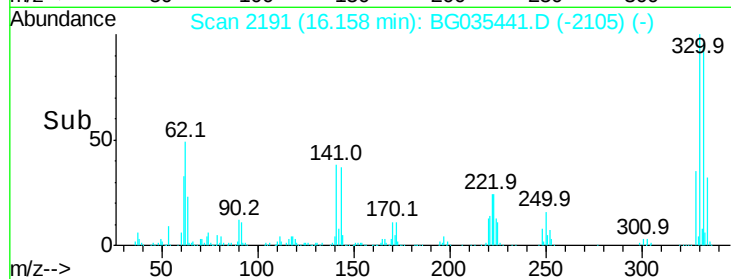
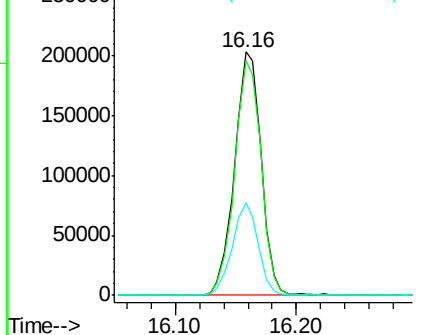
#41
 2,4,6-Tribromophenol
 Concen: 165.822 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035441.D
 Acq: 27 Jun 2018 11:45

Instrument :
 BNA_G
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 20180373-AMENDED-COMPOSITE-

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.0	115.6
141	37.2	25.2	37.8

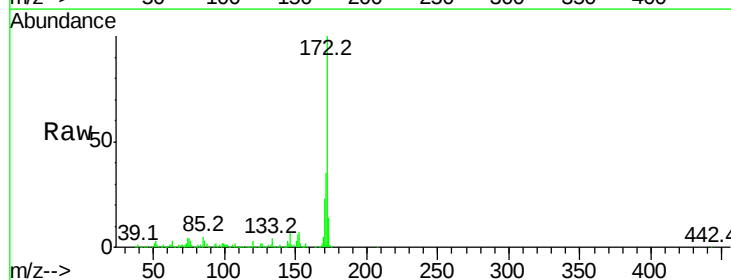


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

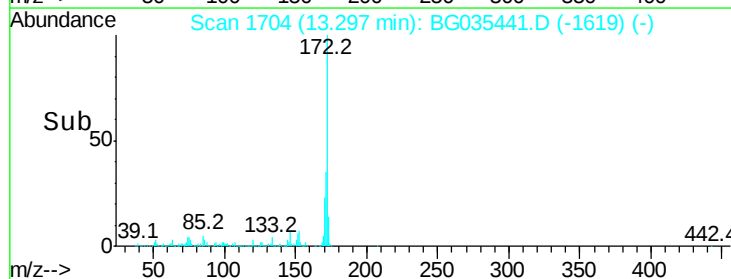
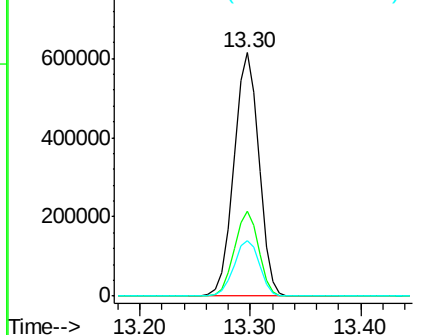


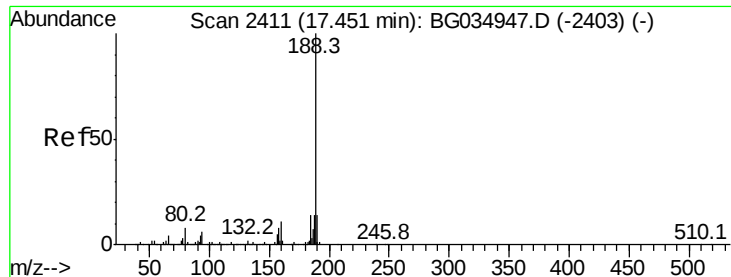
#44
 2-Fluorobiphenyl
 Concen: 85.980 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035441.D
 Acq: 27 Jun 2018 11:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	30.0	45.0
170	23.0	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: 17.42 min Scan# 2405

Delta R.T. -0.02 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

Instrument :

BNA_G

ClientSampleId :

20180373-AMENDED-COMPOSITE-

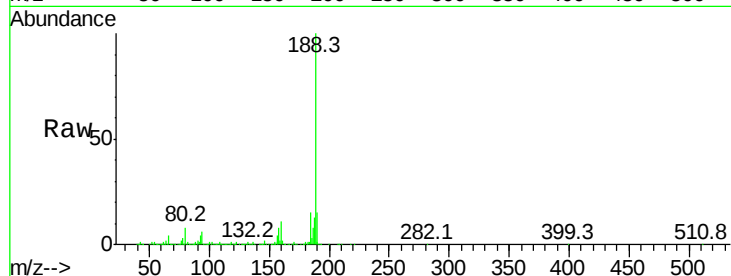
Tot Ion:188 Resp: 380269

Ion Ratio Lower Upper

188 100

94 5.8 6.9 10.3#

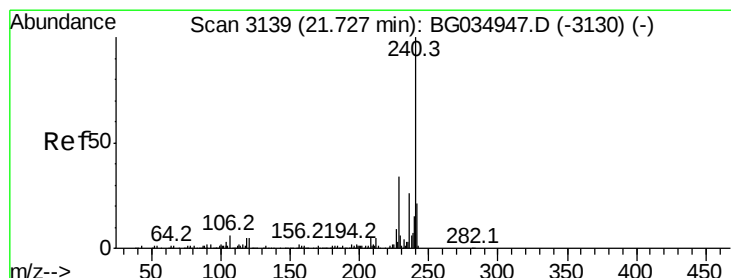
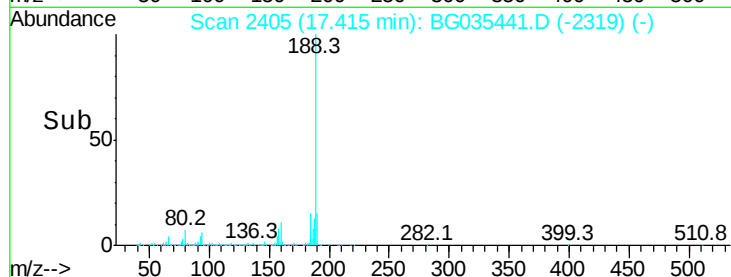
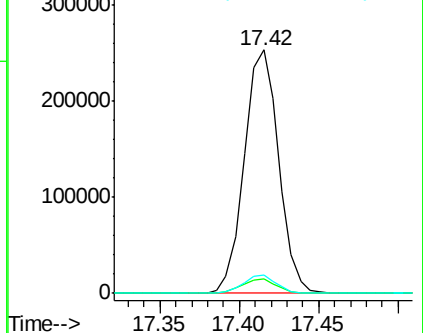
80 7.5 7.7 11.5#



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: 21.68 min Scan# 3131

Delta R.T. -0.04 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

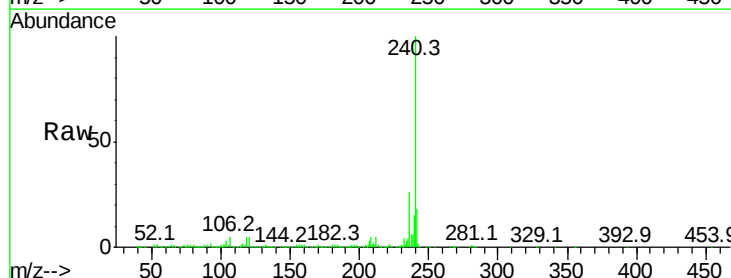
Tgt Ion:240 Resp: 411871

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

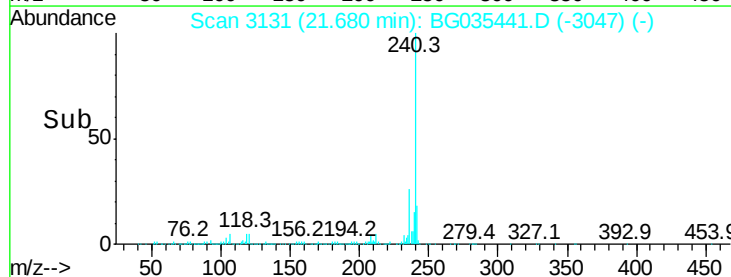
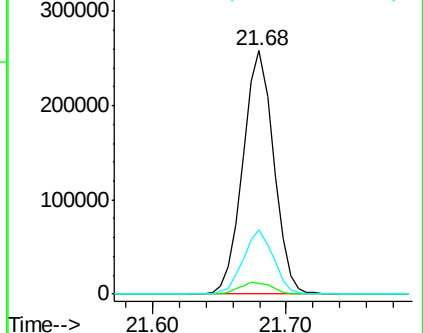
236 26.3 20.9 31.3

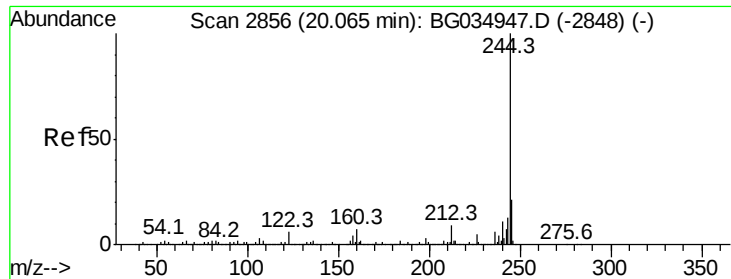


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.296 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035441.D

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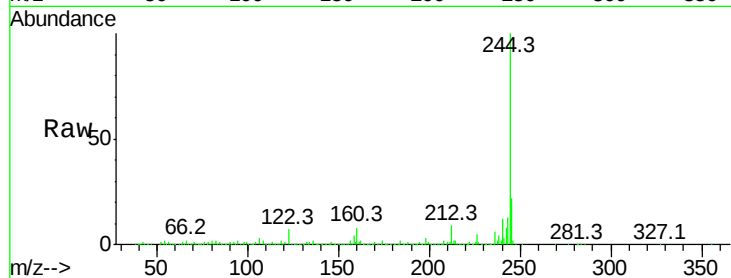
Tot Ion:244 Resp: 1677165

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

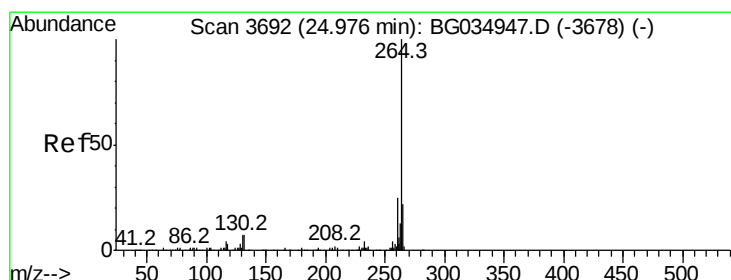
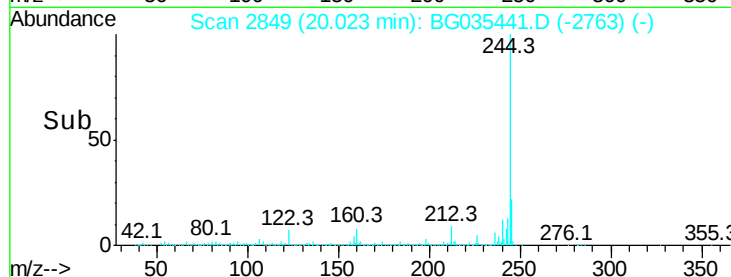
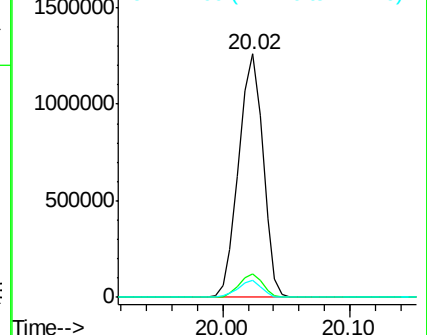
122 6.9 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035441.D

Acq: 27 Jun 2018 11:45

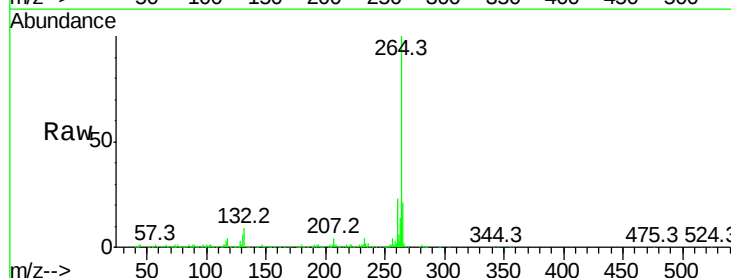
Tgt Ion:264 Resp: 398250

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.0

265 21.5 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

