

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012318\
 Data File : BG032241.D
 Acq On : 23 Jan 2018 21:03
 Operator : SJ/JU
 Sample : J1238-22
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Jan 24 04:49:08 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

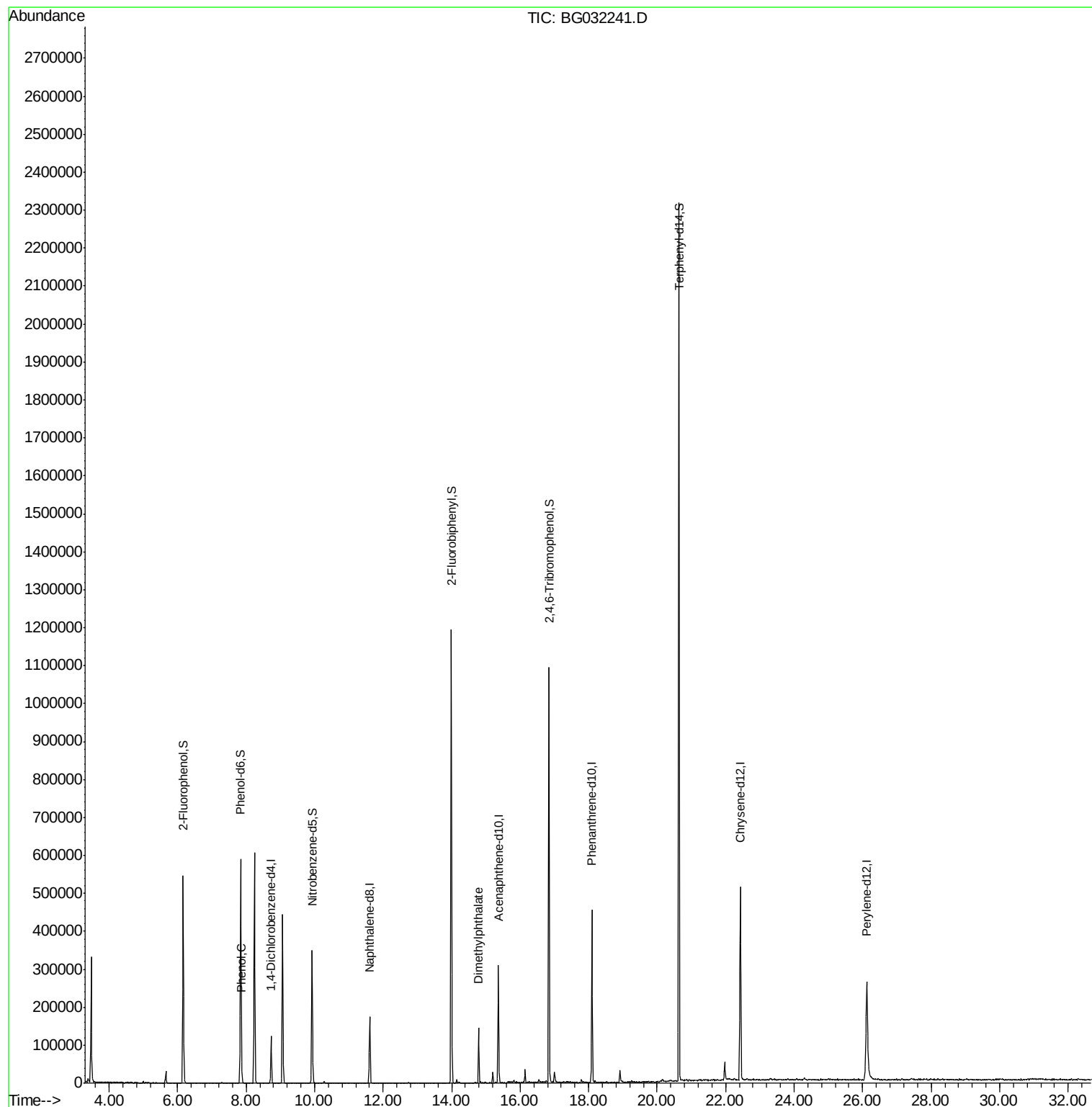
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	40915	20.00	ng	-0.02
21) Naphthalene-d8	11.61	136	171687	20.00	ng	-0.02
38) Acenaphthene-d10	15.36	164	122326	20.00	ng	-0.02
63) Phenanthrene-d10	18.10	188	302788	20.00	ng	-0.02
75) Chrysene-d12	22.43	240	394401	20.00	ng	-0.02
86) Perylene-d12	26.12	264	424693	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	274688	122.79	ng	-0.01
7) Phenol-d6	7.84	99	358601	127.28	ng	-0.01
23) Nitrobenzene-d5	9.92	82	218122	85.95	ng	-0.02
41) 2,4,6-Tribromophenol	16.84	330	249654	123.33	ng	-0.02
44) 2-Fluorobiphenyl	13.99	172	696749	70.63	ng	-0.02
78) Terphenyl-d14	20.63	244	1249345	69.94	ng	-0.02
Target Compounds						
10) Phenol	7.87	94	11054	3.983	ng	79
49) Dimethylphthalate	14.79	163	103874	9.704	ng	# 98

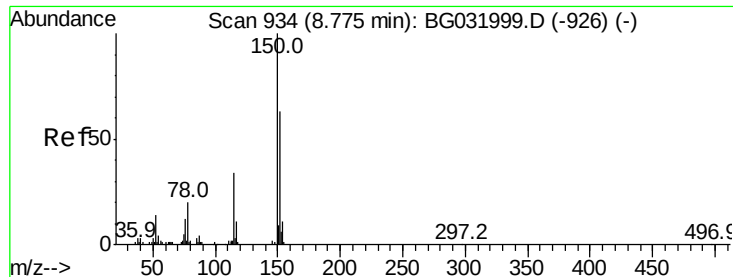
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

SB-07-9.5-10.0

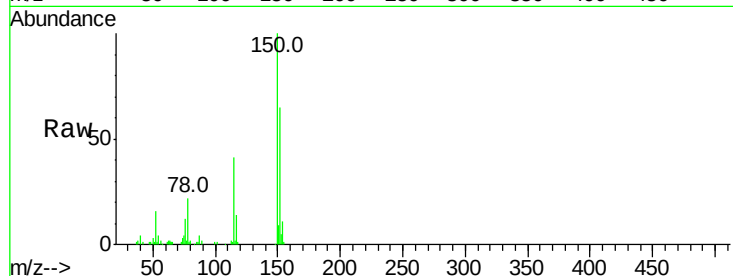
Tot Ion:152 Resp: 40915

Ion Ratio Lower Upper

152 100

150 153.5 126.6 189.8

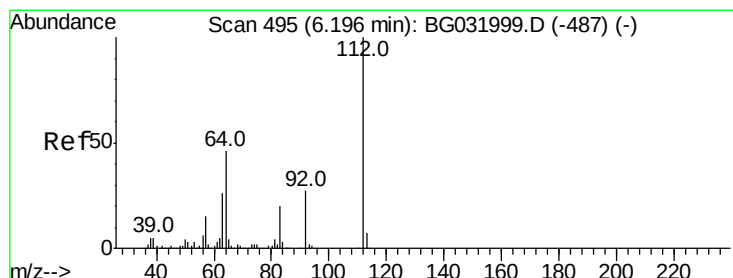
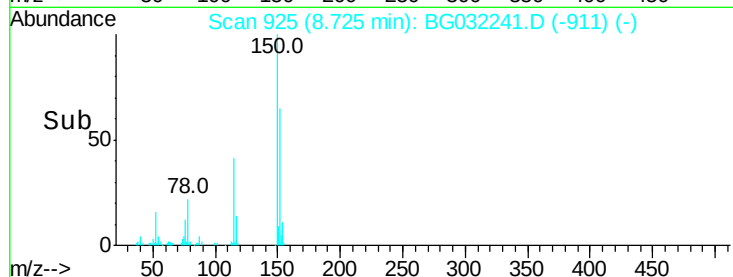
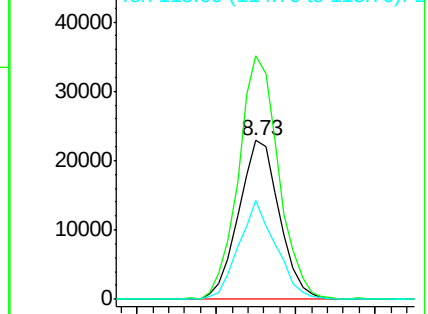
115 62.2 53.0 79.4



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: 122.788 ng

RT: 6.16 min Scan# 488

Delta R.T. -0.01 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

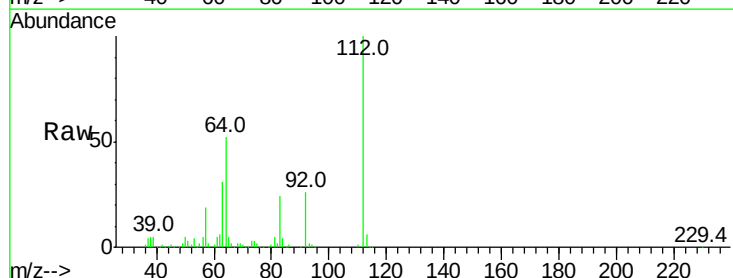
Tgt Ion:112 Resp: 274688

Ion Ratio Lower Upper

112 100

64 52.0 56.3 84.5#

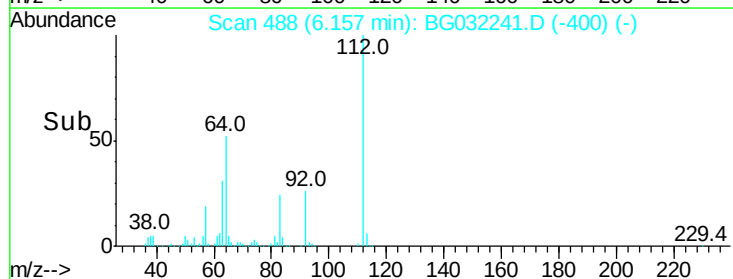
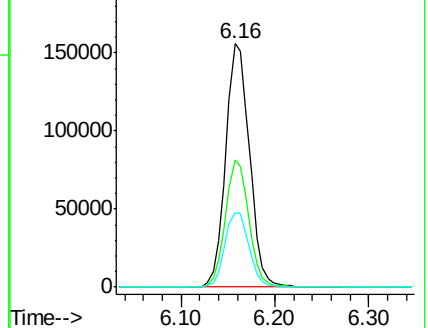
63 30.8 30.1 45.1

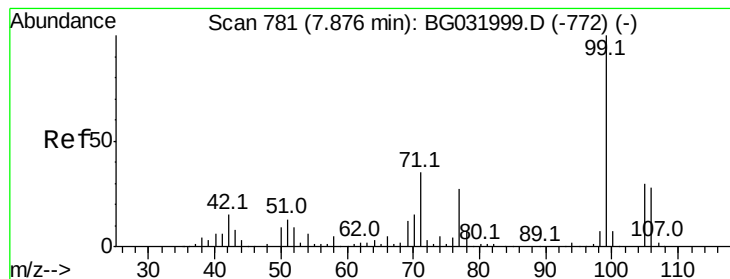


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 127.277 ng

RT: 7.84 min Scan# 774

Delta R.T. -0.01 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

SB-07-9.5-10.0

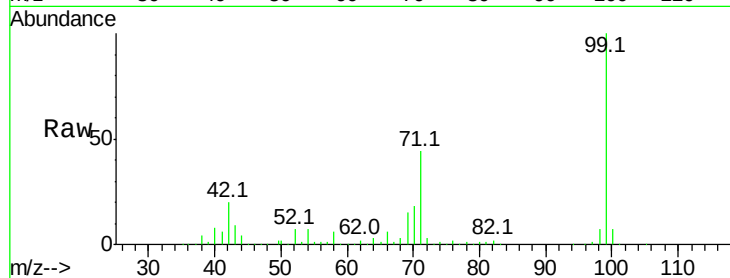
Tot Ion: 99 Resp: 358601

Ion Ratio Lower Upper

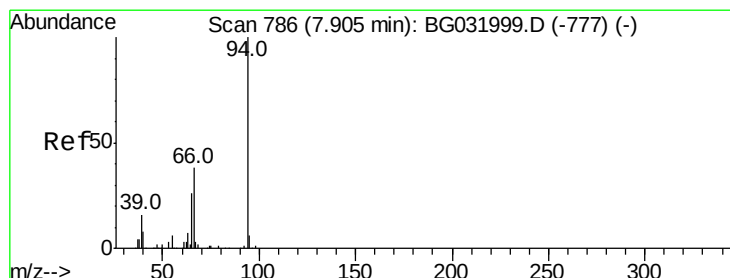
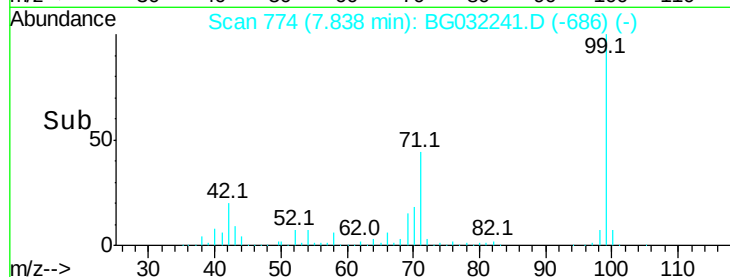
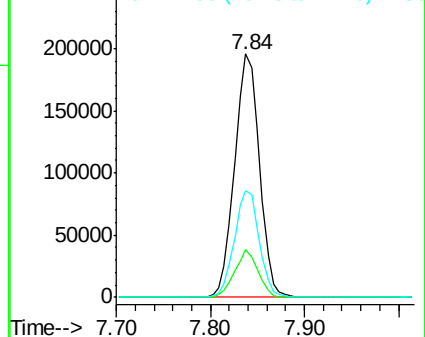
99 100

42 19.7 14.1 21.1

71 43.6 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: 3.983 ng

RT: 7.87 min Scan# 779

Delta R.T. -0.01 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

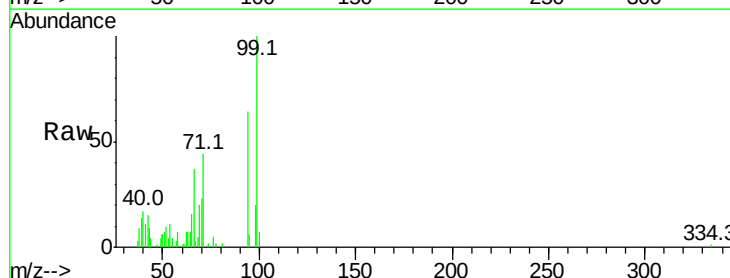
Tgt Ion: 94 Resp: 11054

Ion Ratio Lower Upper

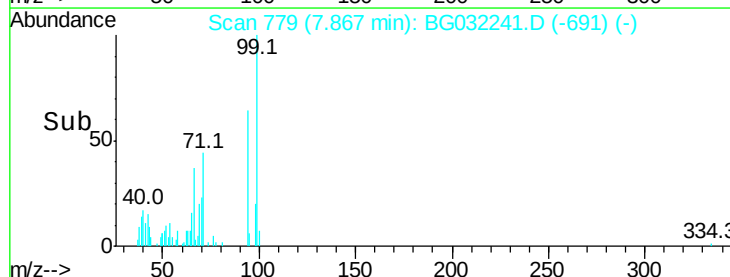
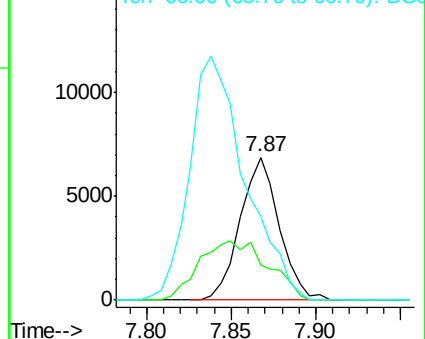
94 100

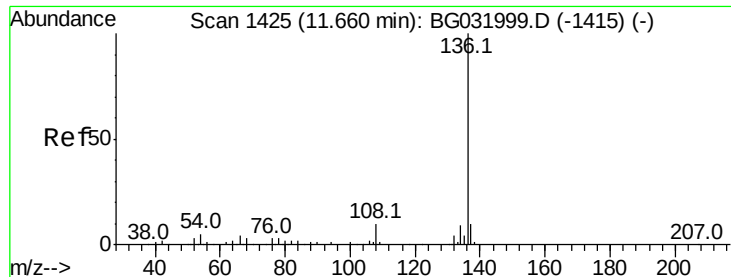
65 24.6 11.9 51.9

66 58.8 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

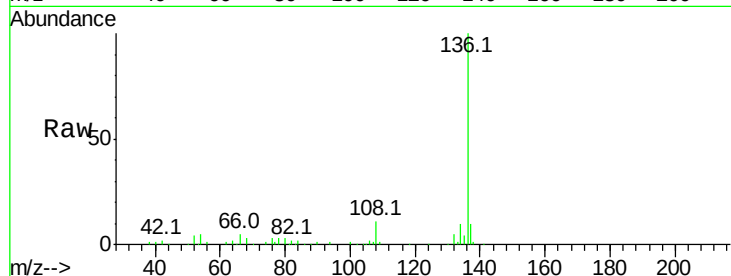




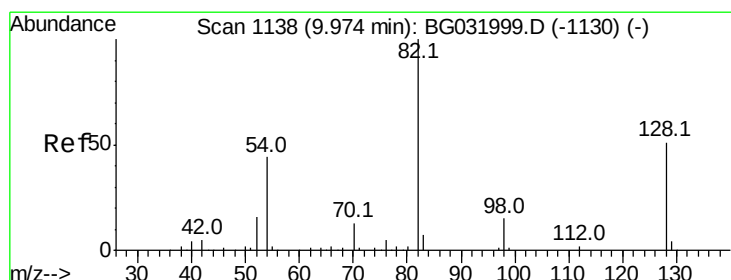
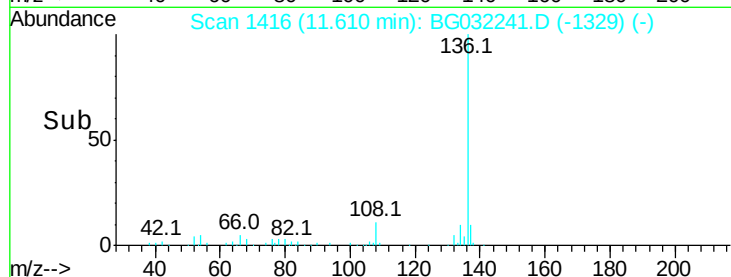
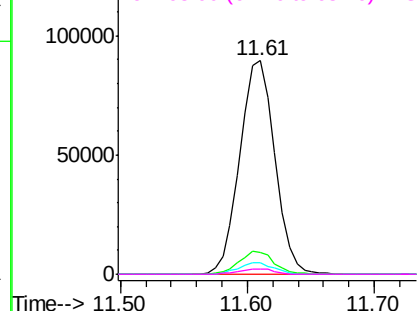
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.61 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Instrument :
BNA_G
ClientSampleId :
SB-07-9.5-10.0

Tot Ion:136	Resp:	171687
Ion Ratio	Lower	Upper
136	100	
137	10.4	9.2 13.8
54	5.3	10.3 15.5#
68	2.6	4.5 6.7#

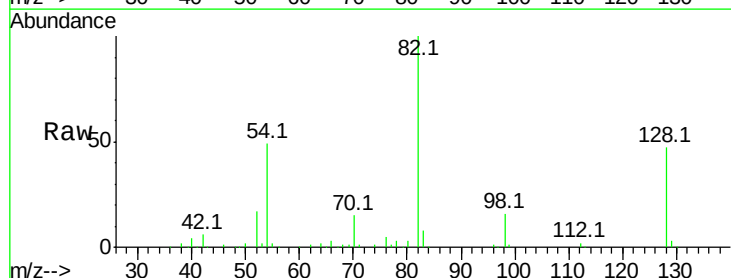


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

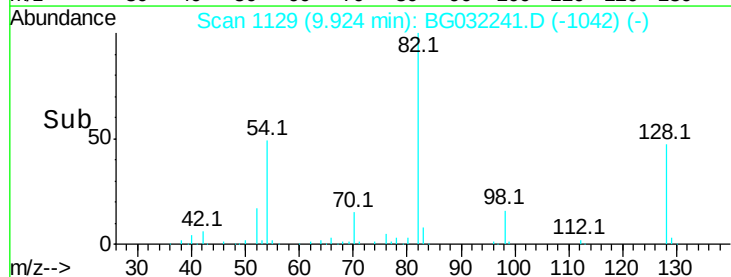
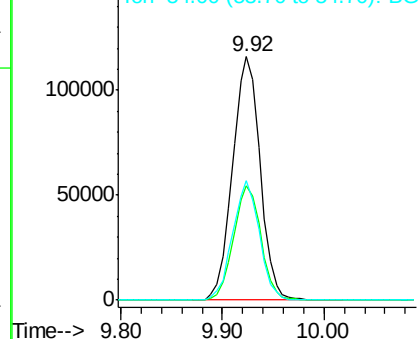


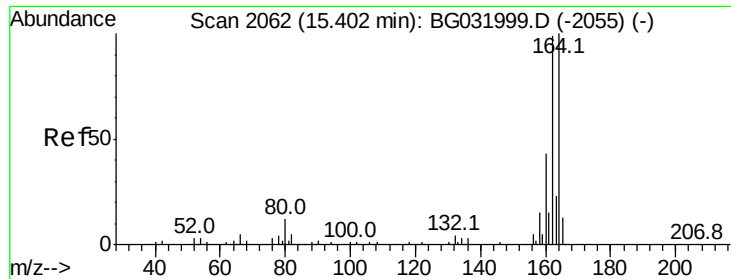
#23
Nitrobenzene-d5
Concen: 85.952 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Tgt Ion: 82	Resp:	218122
Ion Ratio	Lower	Upper
82	100	
128	47.0	29.7 44.5#
54	49.0	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: 15.36 min Scan# 2054

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

SB-07-9.5-10.0

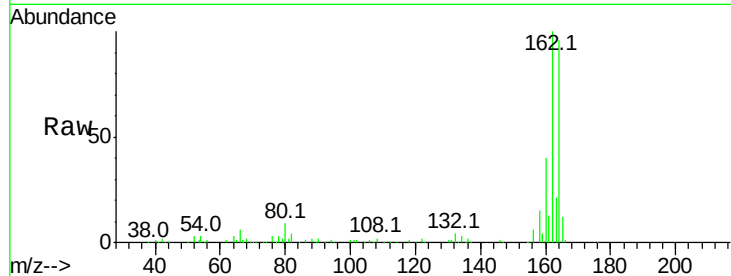
Tot Ion:164 Resp: 122326

Ion	Ratio	Lower	Upper
164	100		
162	104.4	78.8	118.2
160	42.0	35.4	53.0

164 100

162 104.4 78.8 118.2

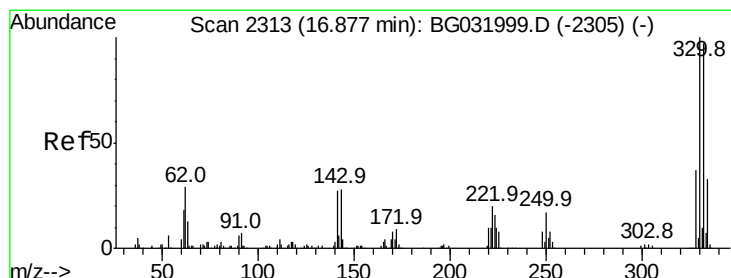
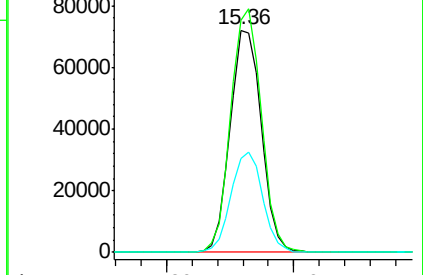
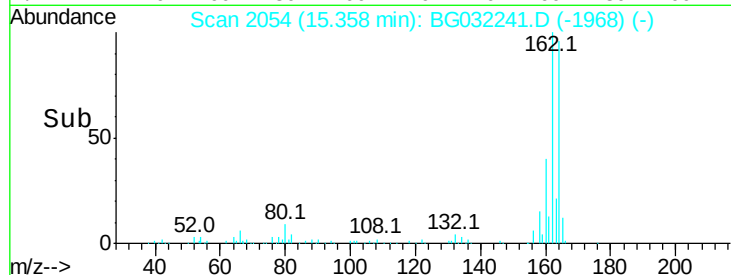
160 42.0 35.4 53.0



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: 123.334 ng

RT: 16.84 min Scan# 2306

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

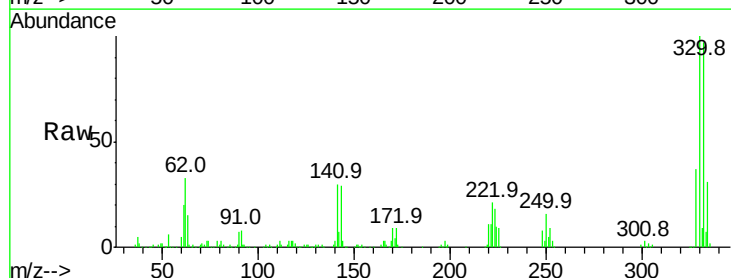
Tgt Ion:330 Resp: 249654

Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.6
141	29.3	25.2	37.8

330 100

332 97.3 77.0 115.6

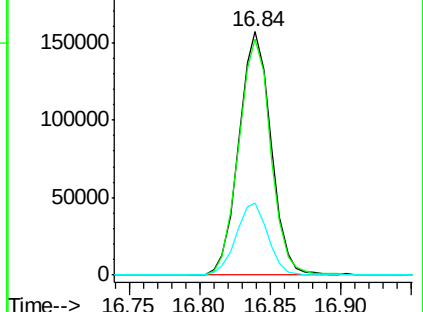
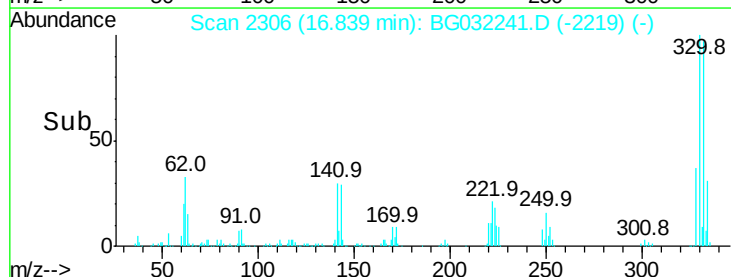
141 29.3 25.2 37.8

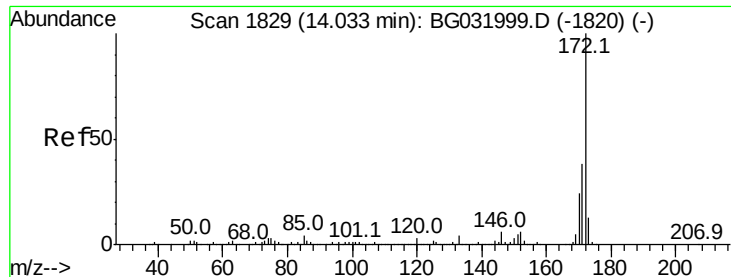


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

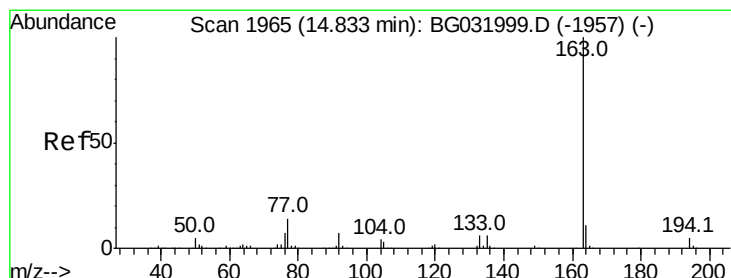
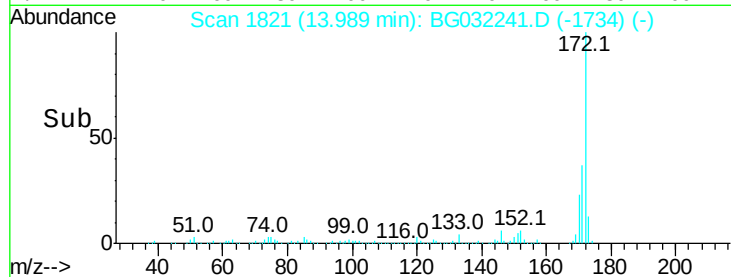
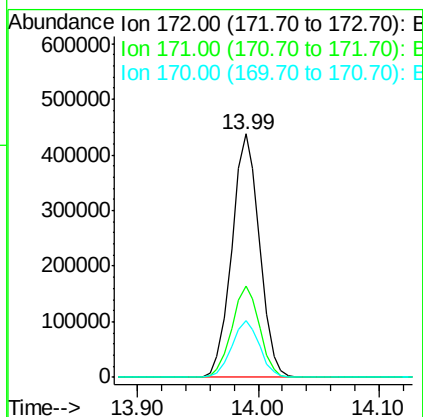
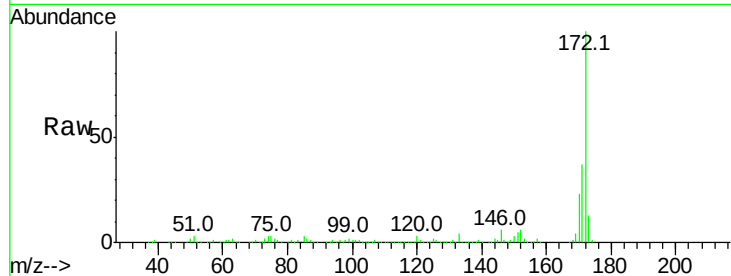




#44
2-Fluorobiphenyl
Concen: 70.626 ng
RT: 13.99 min Scan# 1821
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

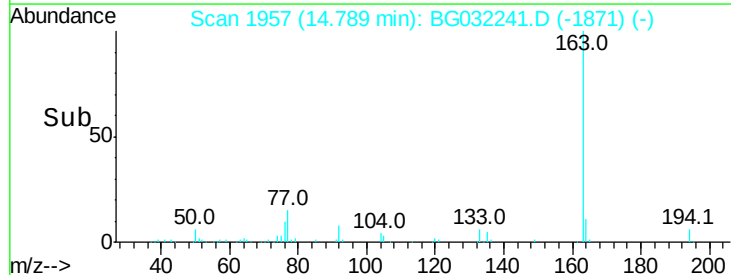
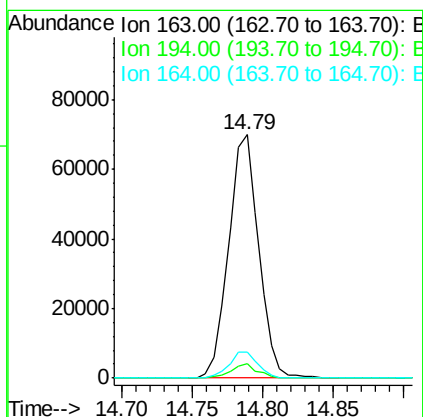
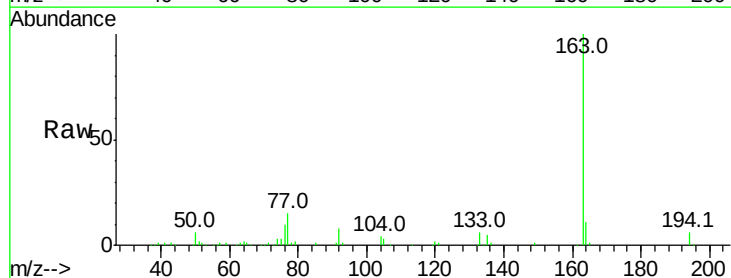
Instrument :
BNA_G
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SB-07-9.5-10.0

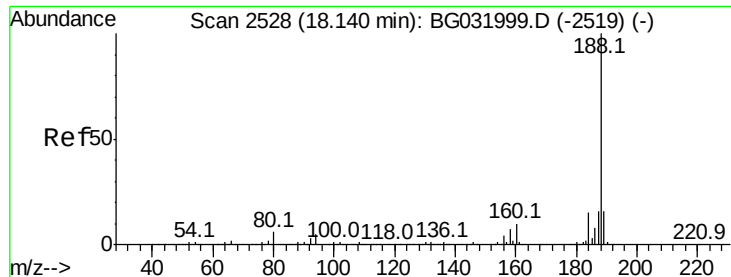
Tot Ion:172 Resp: 696749
Ion Ratio Lower Upper
172 100
171 37.4 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 9.704 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Tgt Ion:163 Resp: 103874
Ion Ratio Lower Upper
163 100
194 5.9 3.4 5.2#
164 10.7 8.2 12.4

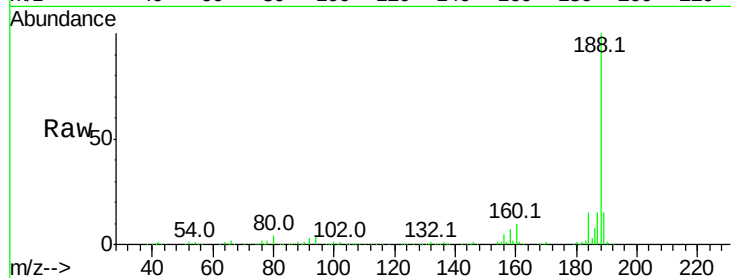




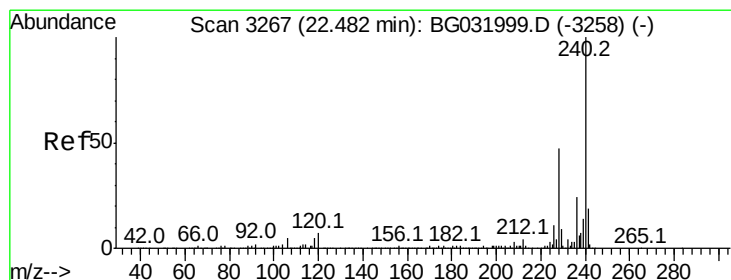
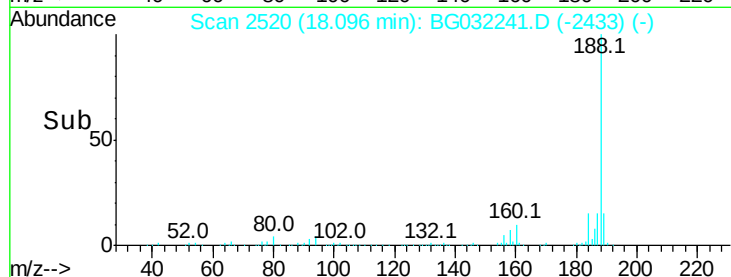
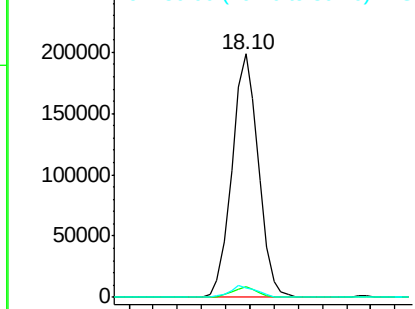
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.10 min Scan# 2520
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Instrument :
BNA_G
ClientSampleId :
SB-07-9.5-10.0

Tot Ion:188 Resp: 302788
Ion Ratio Lower Upper
188 100
94 4.2 6.9 10.3#
80 4.1 7.7 11.5#

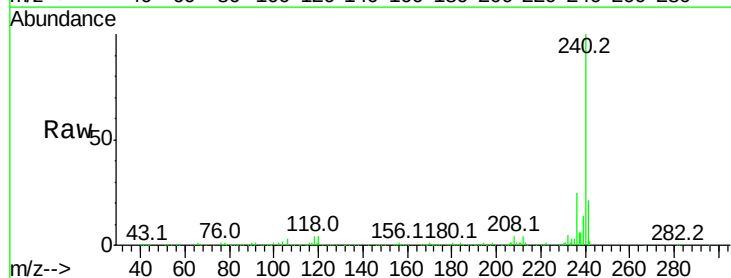


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

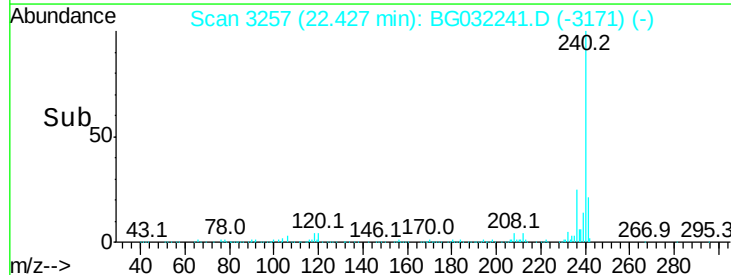
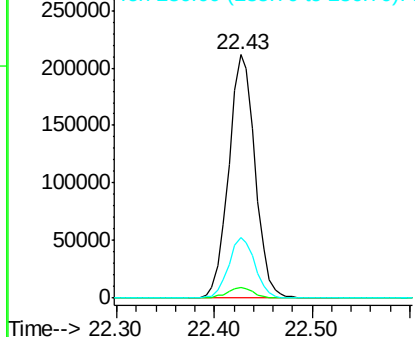


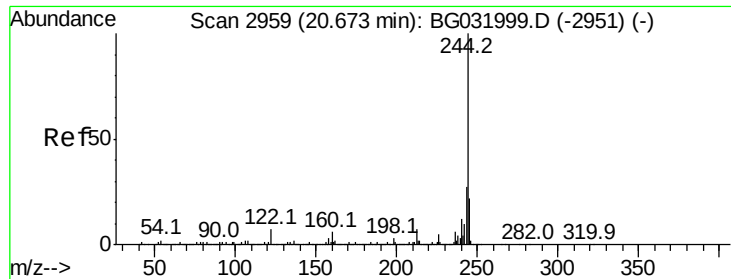
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.43 min Scan# 3257
Delta R.T. -0.02 min
Lab File: BG032241.D
Acq: 23 Jan 2018 21:03

Tgt Ion:240 Resp: 394401
Ion Ratio Lower Upper
240 100
120 4.1 6.8 10.2#
236 25.0 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: 69.944 ng

RT: 20.63 min Scan# 2952

Delta R.T. -0.02 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

Instrument :

BNA_G

ClientSampleId :

SB-07-9.5-10.0

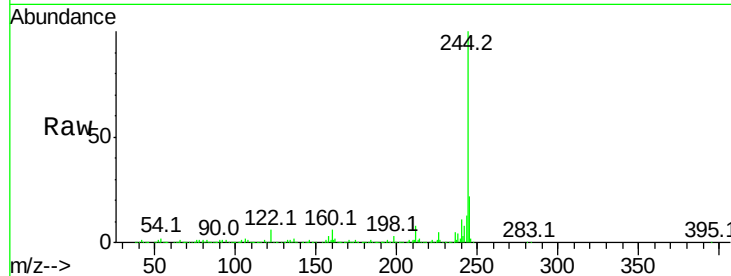
Tot Ion:244 Resp: 1249345

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

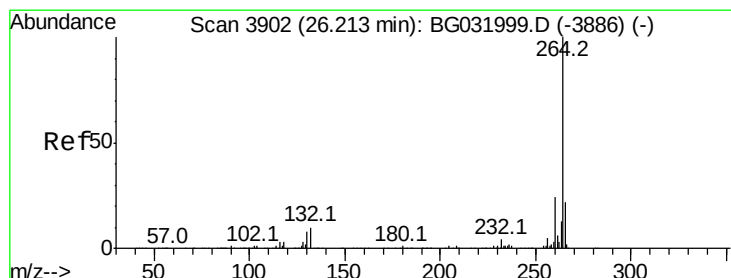
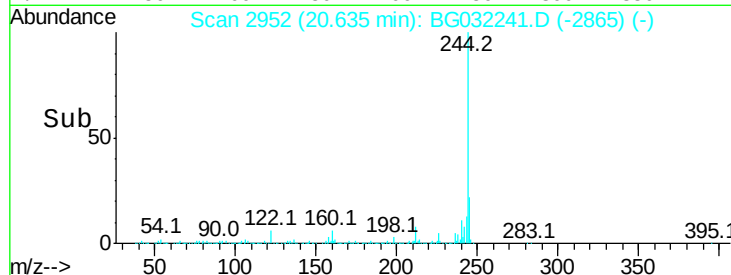
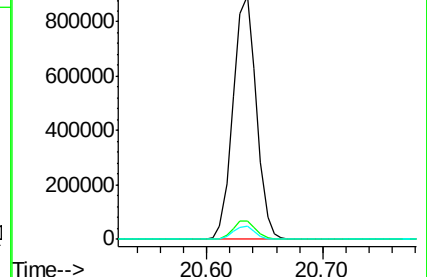
122 5.6 7.0 10.4#



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: 26.12 min Scan# 3885

Delta R.T. -0.03 min

Lab File: BG032241.D

Acq: 23 Jan 2018 21:03

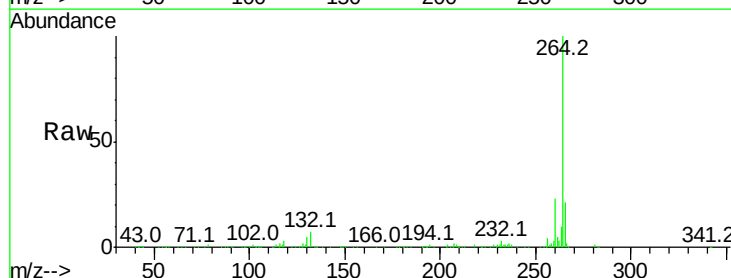
Tgt Ion:264 Resp: 424693

Ion Ratio Lower Upper

264 100

260 22.6 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

