

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032355.D
 Acq On : 27 Jan 2018 14:15
 Operator : SJ/JU
 Sample : J1322-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M3-LEFT-RIGHT

Quant Time: Jan 27 23:52:23 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

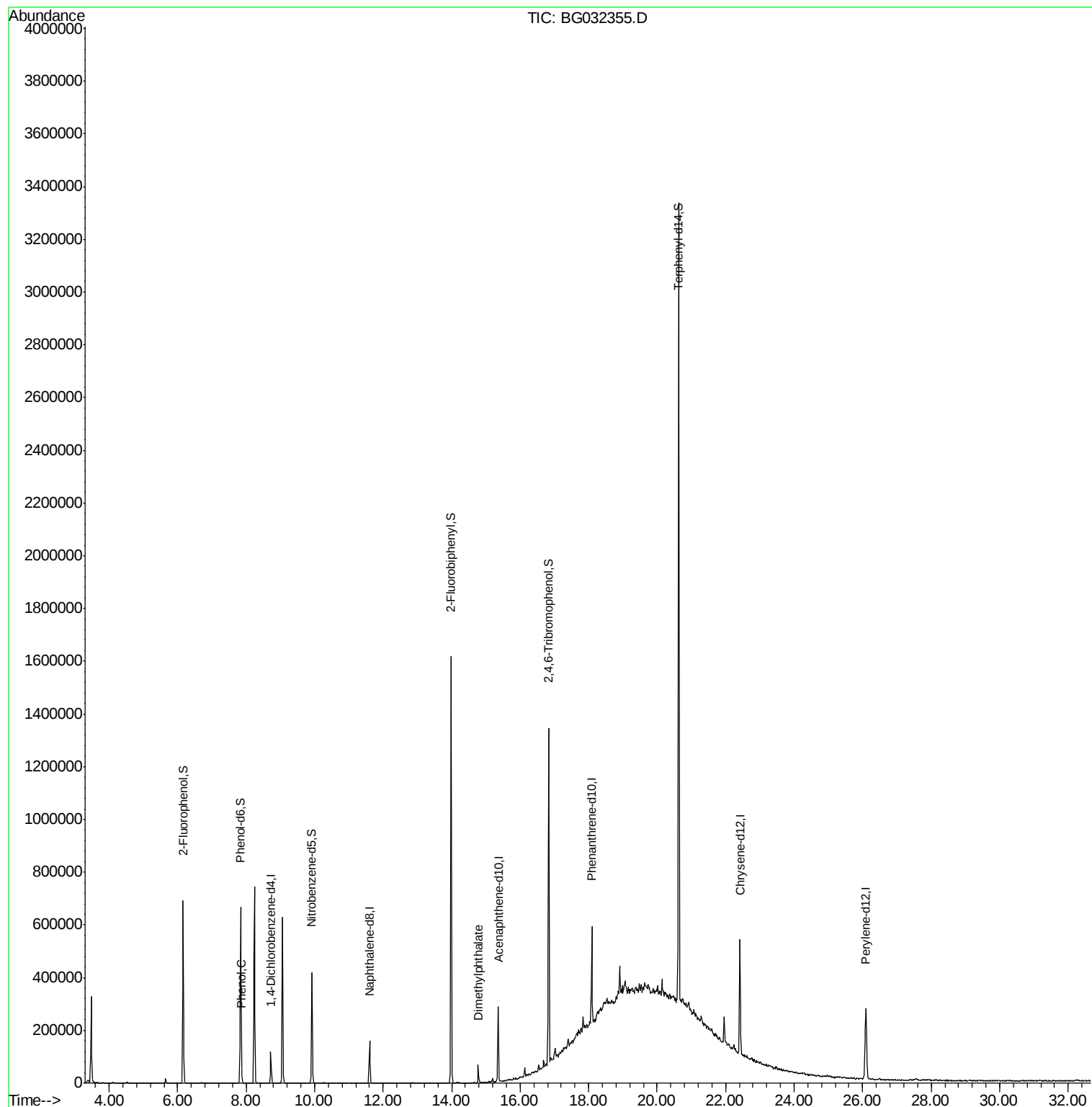
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.73	152	41113	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	154728	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	107112	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	251141	20.00	ng	0.00
75) Chrysene-d12	22.42	240	330283	20.00	ng	0.00
86) Perylene-d12	26.09	264	365173	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	334766	148.92	ng	0.00
7) Phenol-d6	7.84	99	408598	144.32	ng	0.00
23) Nitrobenzene-d5	9.92	82	257917	112.77	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	297797	168.01	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	930720	107.74	ng	0.00
78) Terphenyl-d14	20.63	244	1574915	105.29	ng	0.00
Target Compounds						
10) Phenol	7.87	94	12728	4.564	ng	87
49) Dimethylphthalate	14.78	163	47773	5.097	ng	# 99

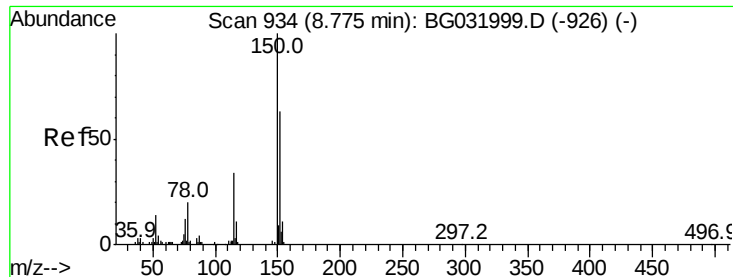
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.73 min Scan# 925

Delta R.T. 0.00 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

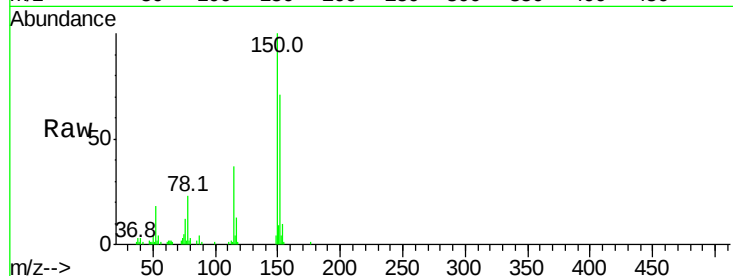
Tot Ion:152 Resp: 41113

Ion Ratio Lower Upper

152 100

150 140.5 126.6 189.8

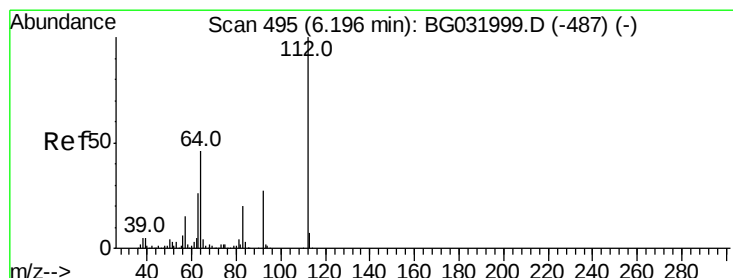
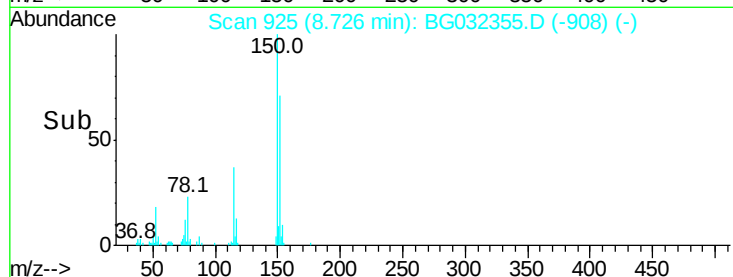
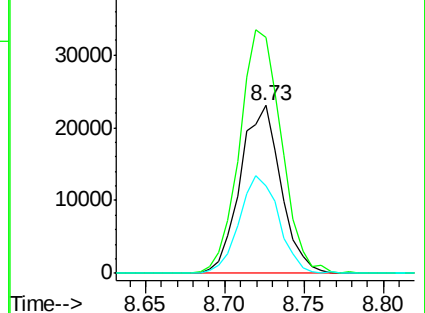
115 52.0 53.0 79.4#



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: 148.922 ng

RT: 6.16 min Scan# 488

Delta R.T. 0.00 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

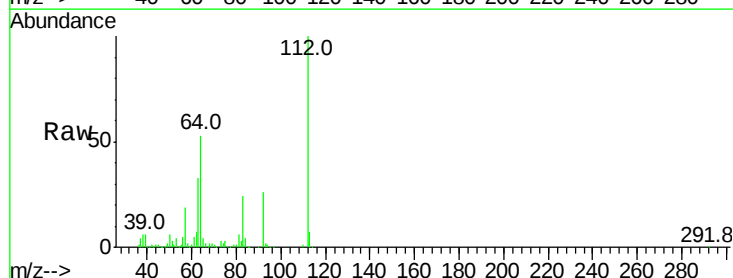
Tgt Ion:112 Resp: 334766

Ion Ratio Lower Upper

112 100

64 53.4 56.3 84.5#

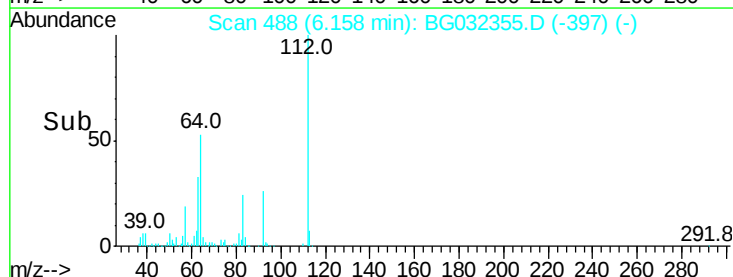
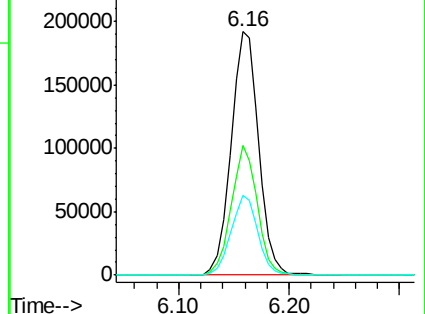
63 32.5 30.1 45.1

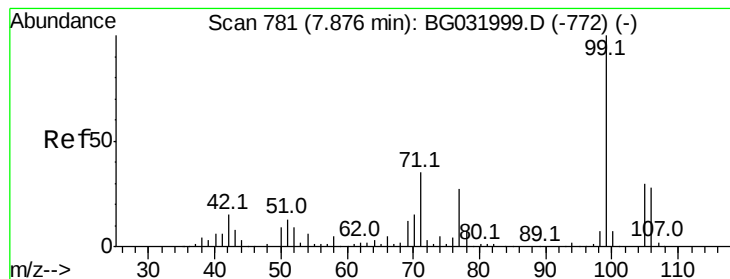


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 144.324 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

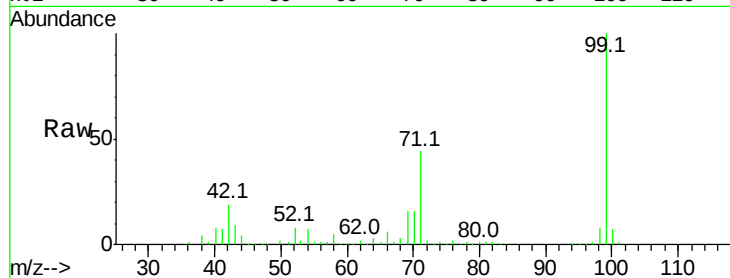
Tot Ion: 99 Resp: 408598

Ion Ratio Lower Upper

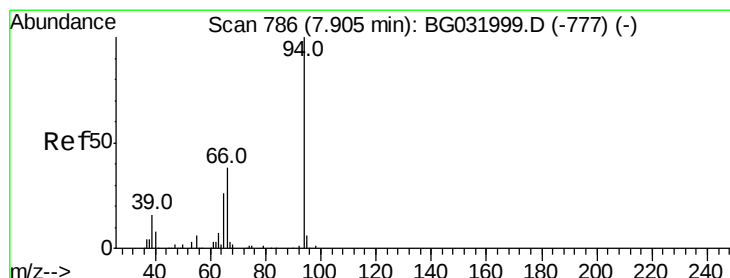
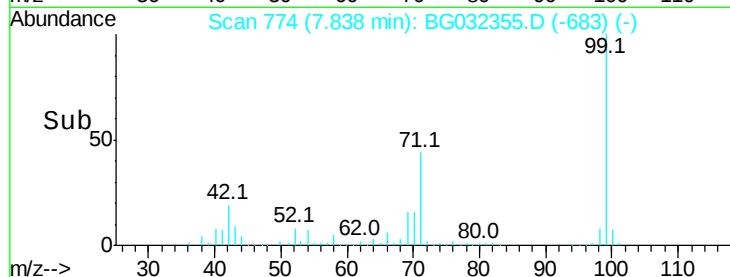
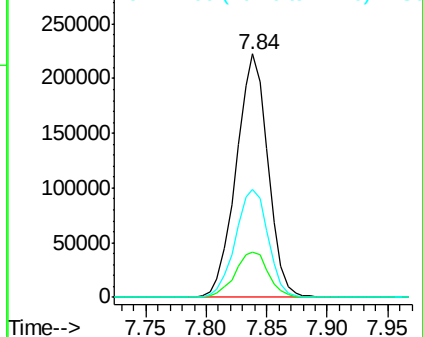
99 100

42 18.6 14.1 21.1

71 44.4 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



#10

Phenol

Concen: 4.564 ng

RT: 7.87 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

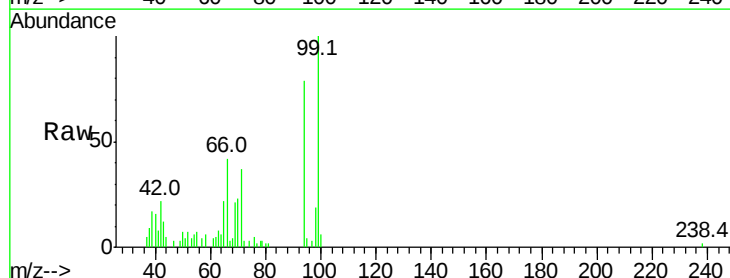
Tgt Ion: 94 Resp: 12728

Ion Ratio Lower Upper

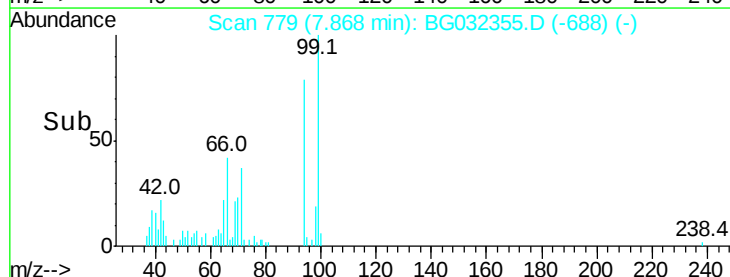
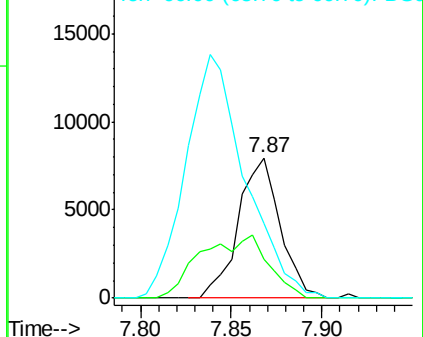
94 100

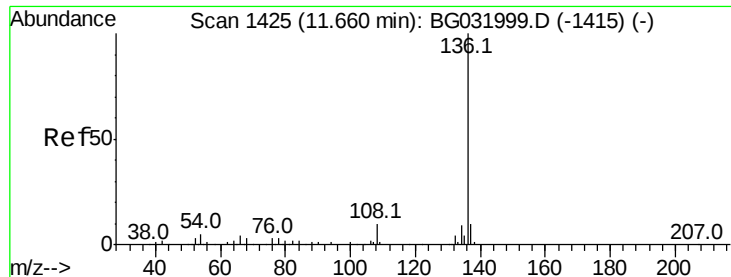
65 27.5 11.9 51.9

66 53.1 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

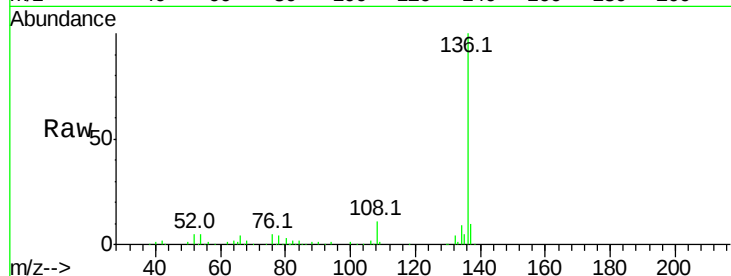




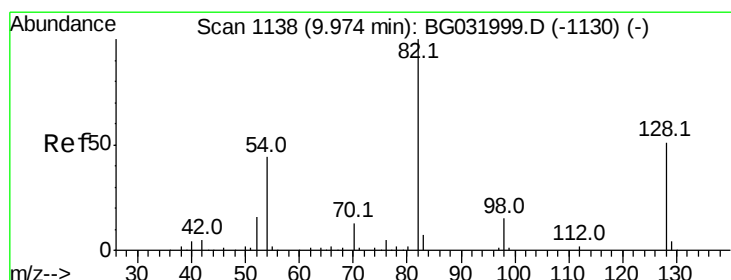
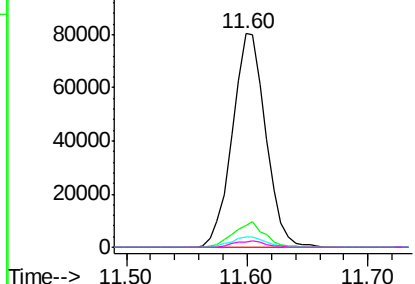
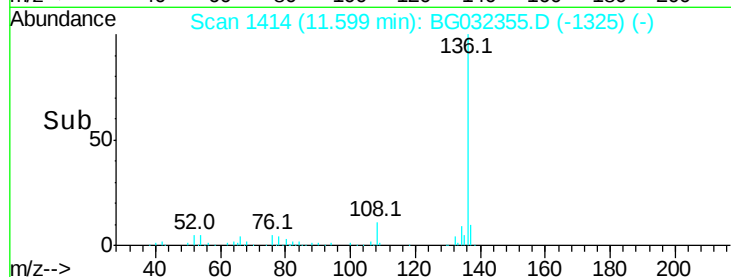
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BG032355.D
Acq: 27 Jan 2018 14:15

Instrument :
BNA_G
ClientSampleId :
M3-LEFT-RIGHT

Tot Ion:	136	Resp:	154728
Ion	Ratio	Lower	Upper
136	100		
137	10.0	9.2	13.8
54	4.7	10.3	15.5#
68	2.5	4.5	6.7#

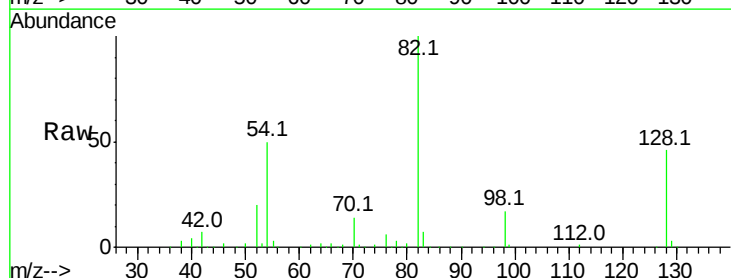


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

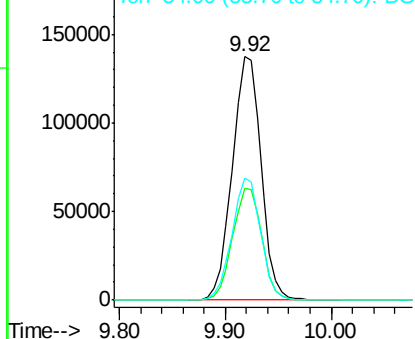
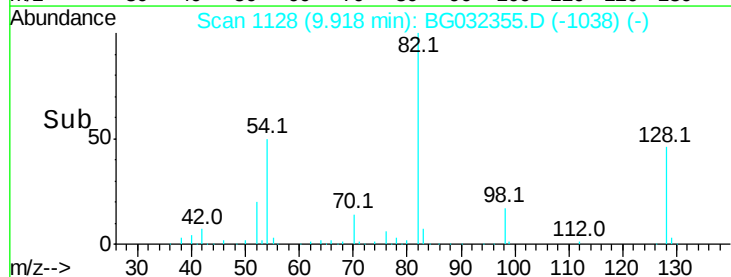


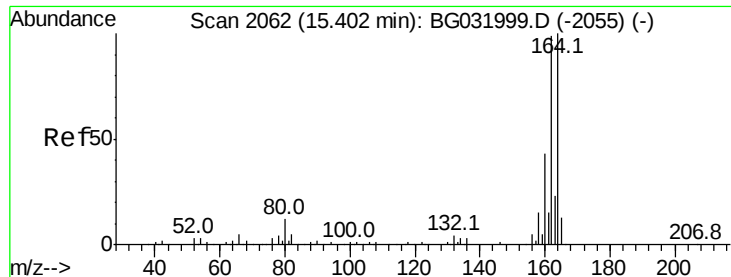
#23
Nitrobenzene-d5
Concen: 112.773 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032355.D
Acq: 27 Jan 2018 14:15

Tgt Ion:	82	Resp:	257917
Ion	Ratio	Lower	Upper
82	100		
128	45.8	29.7	44.5#
54	50.0	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: 15.35 min Scan# 2053

Delta R.T. -0.01 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

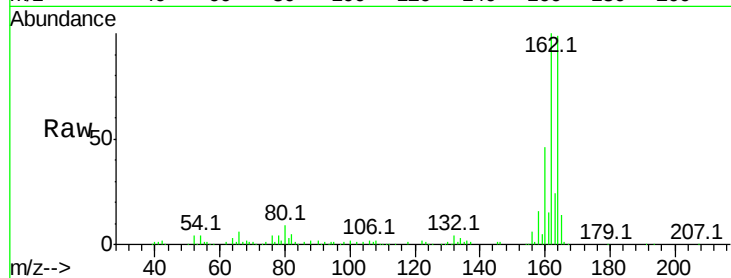
Tot Ion:164 Resp: 107112

Ion Ratio Lower Upper

164 100

162 100.6 78.8 118.2

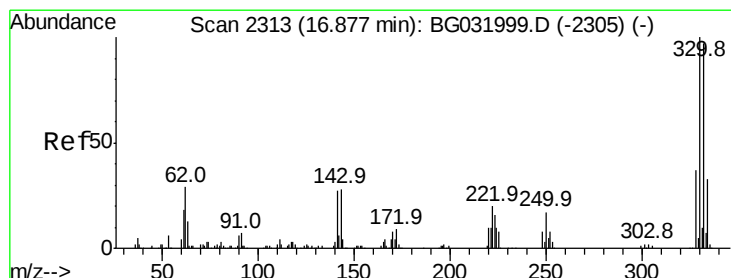
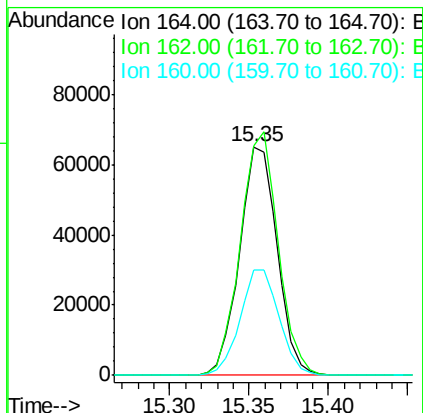
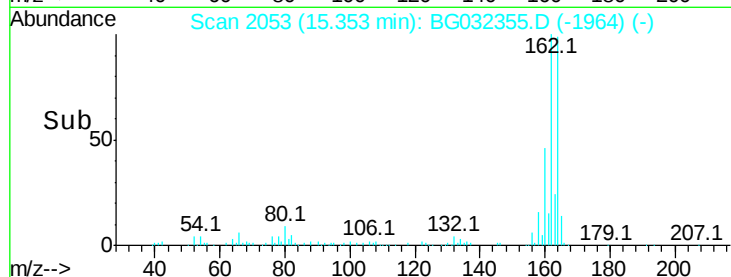
160 46.0 35.4 53.0



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: 168.014 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

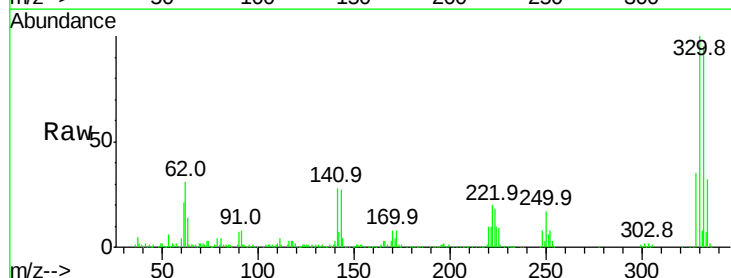
Tgt Ion:330 Resp: 297797

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

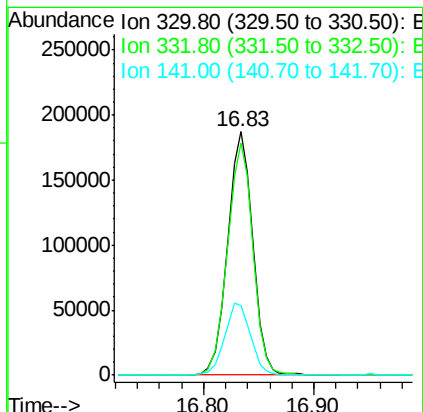
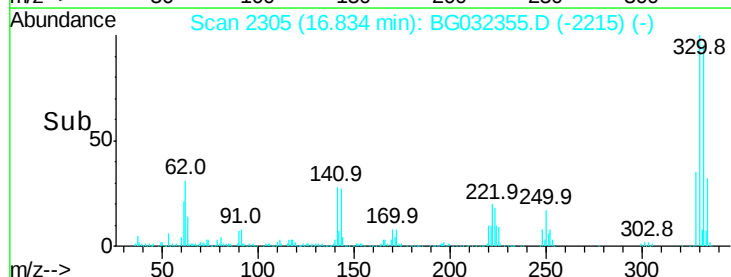
141 30.0 25.2 37.8

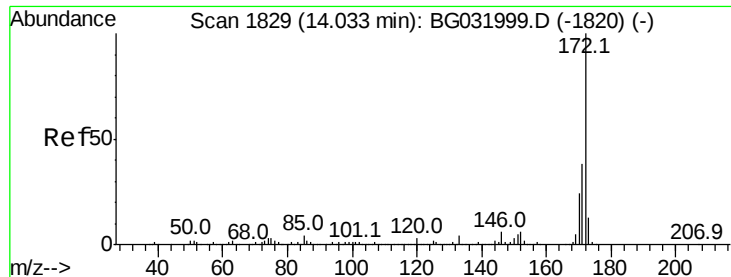


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

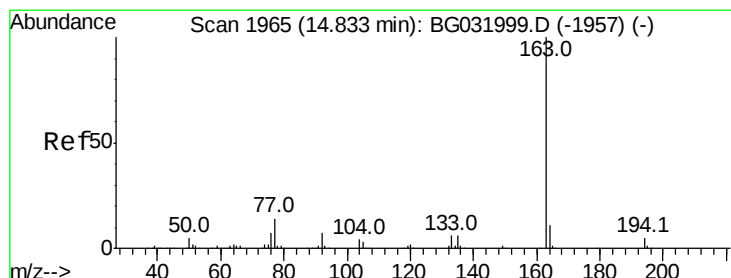
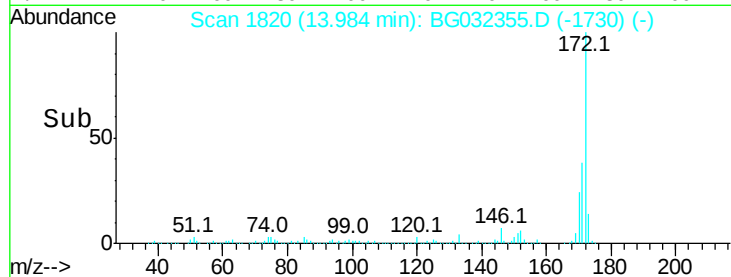
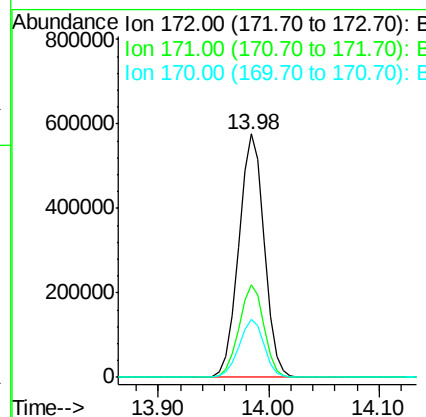
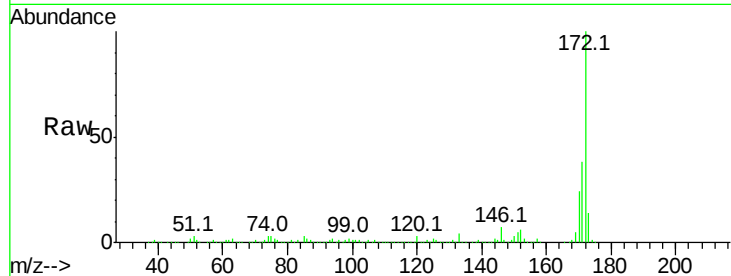




#44
2-Fluorobiphenyl
Concen: 107.742 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032355.D
Acq: 27 Jan 2018 14:15

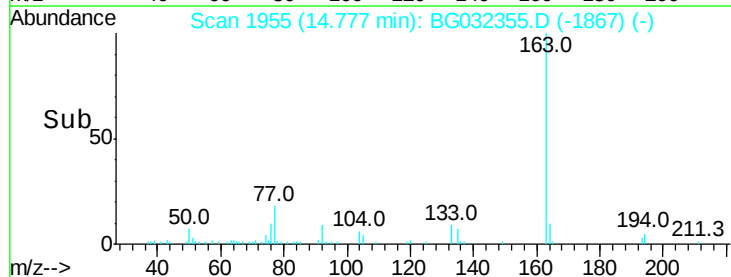
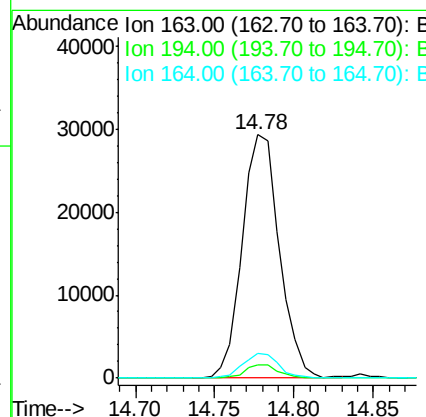
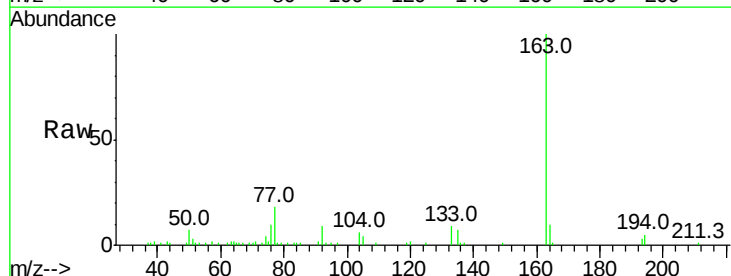
Instrument :
BNA_G
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M3-LEFT-RIGHT

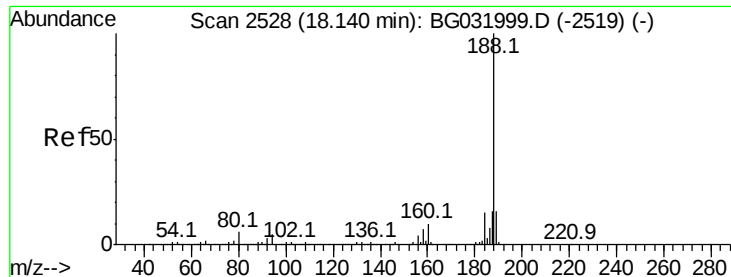
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	23.8	19.5	29.3



#49
Dimethylphthalate
Concen: 5.097 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG032355.D
Acq: 27 Jan 2018 14:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.2	3.4	5.2#
164	10.4	8.2	12.4

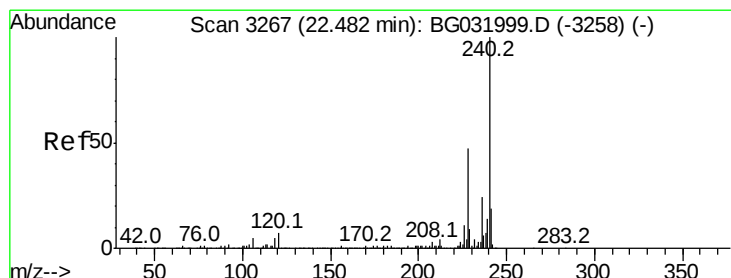
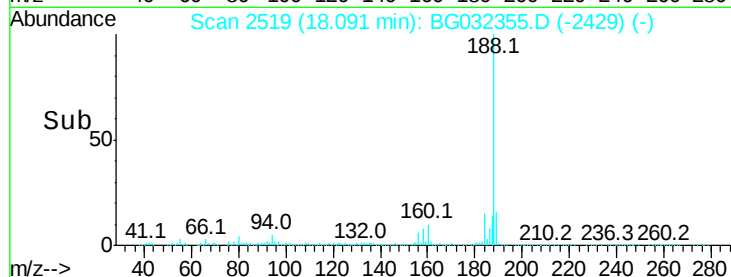
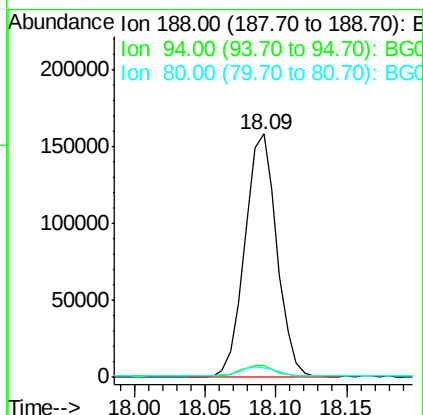
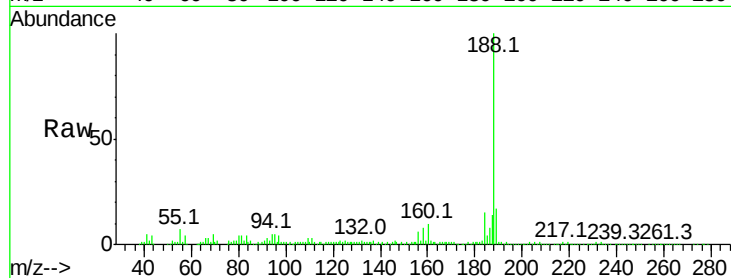




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032355.D
Acq: 27 Jan 2018 14:15

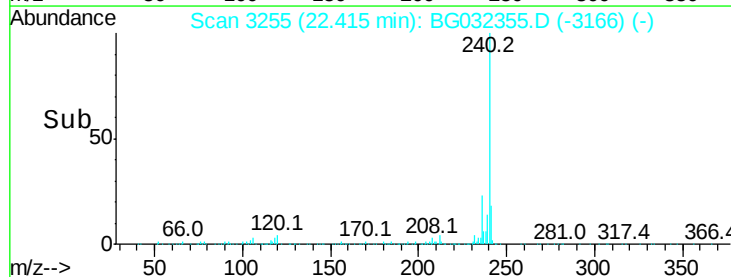
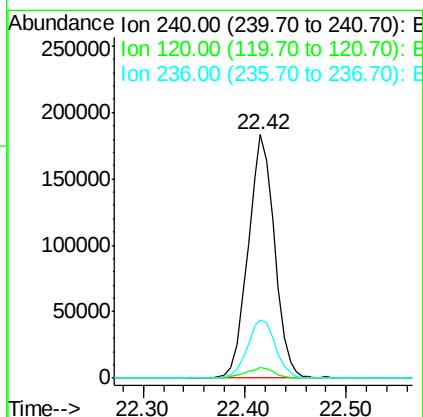
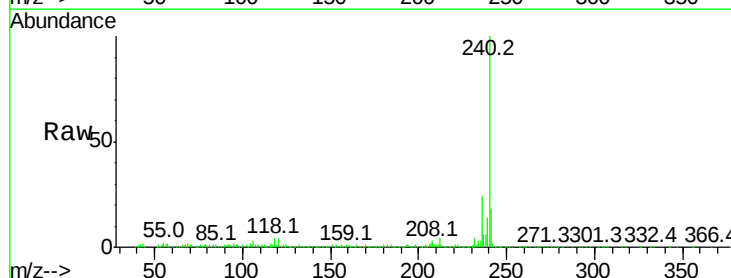
Instrument :
BNA_G
ClientSampleId :
M3-LEFT-RIGHT

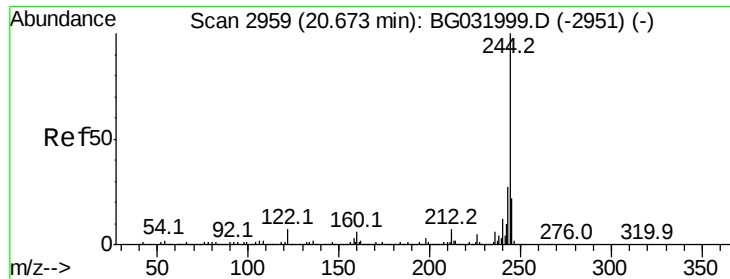
Tot Ion:188 Resp: 251141
Ion Ratio Lower Upper
188 100
94 5.0 6.9 10.3#
80 4.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.42 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032355.D
Acq: 27 Jan 2018 14:15

Tgt Ion:240 Resp: 330283
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 23.7 20.9 31.3





#78

Terphenyl-d14

Concen: 105.288 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

Instrument :

BNA_G

ClientSampleId :

M3-LEFT-RIGHT

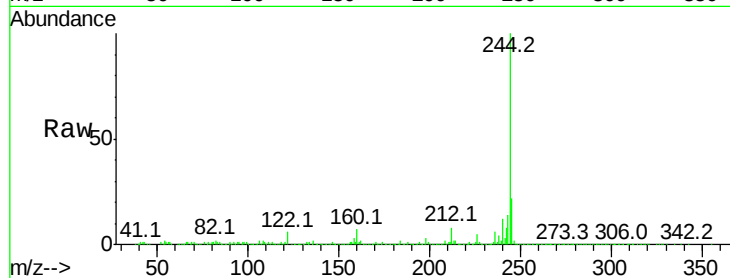
Tot Ion:244 Resp: 1574915

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

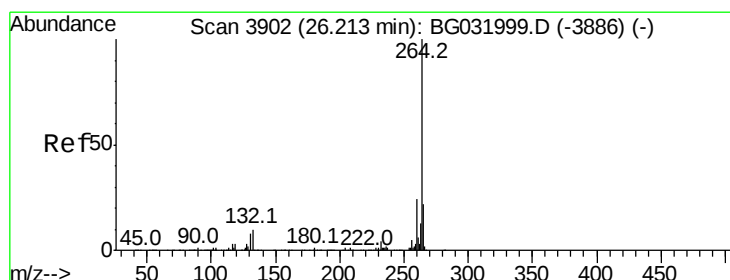
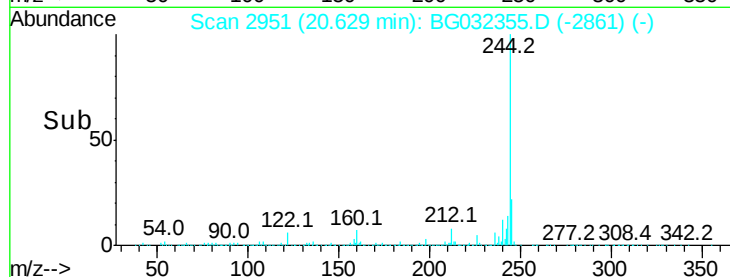
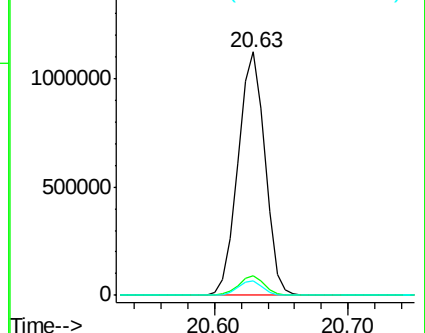
122 5.8 7.0 10.4#



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: 26.09 min Scan# 3881

Delta R.T. -0.02 min

Lab File: BG032355.D

Acq: 27 Jan 2018 14:15

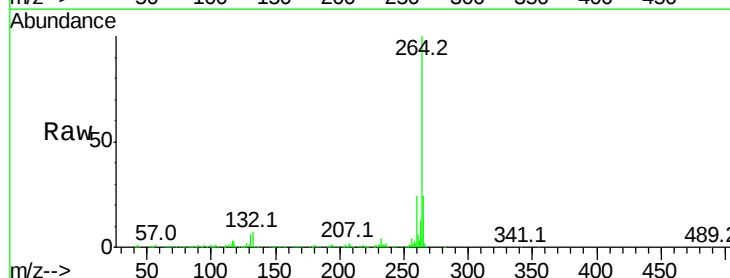
Tgt Ion:264 Resp: 365173

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 23.7 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

