

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102717\
 Data File : BG030495.D
 Acq On : 27 Oct 2017 13:28
 Operator : SJ/JU
 Sample : I6024-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-11-COMP

Quant Time: Oct 27 14:46:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

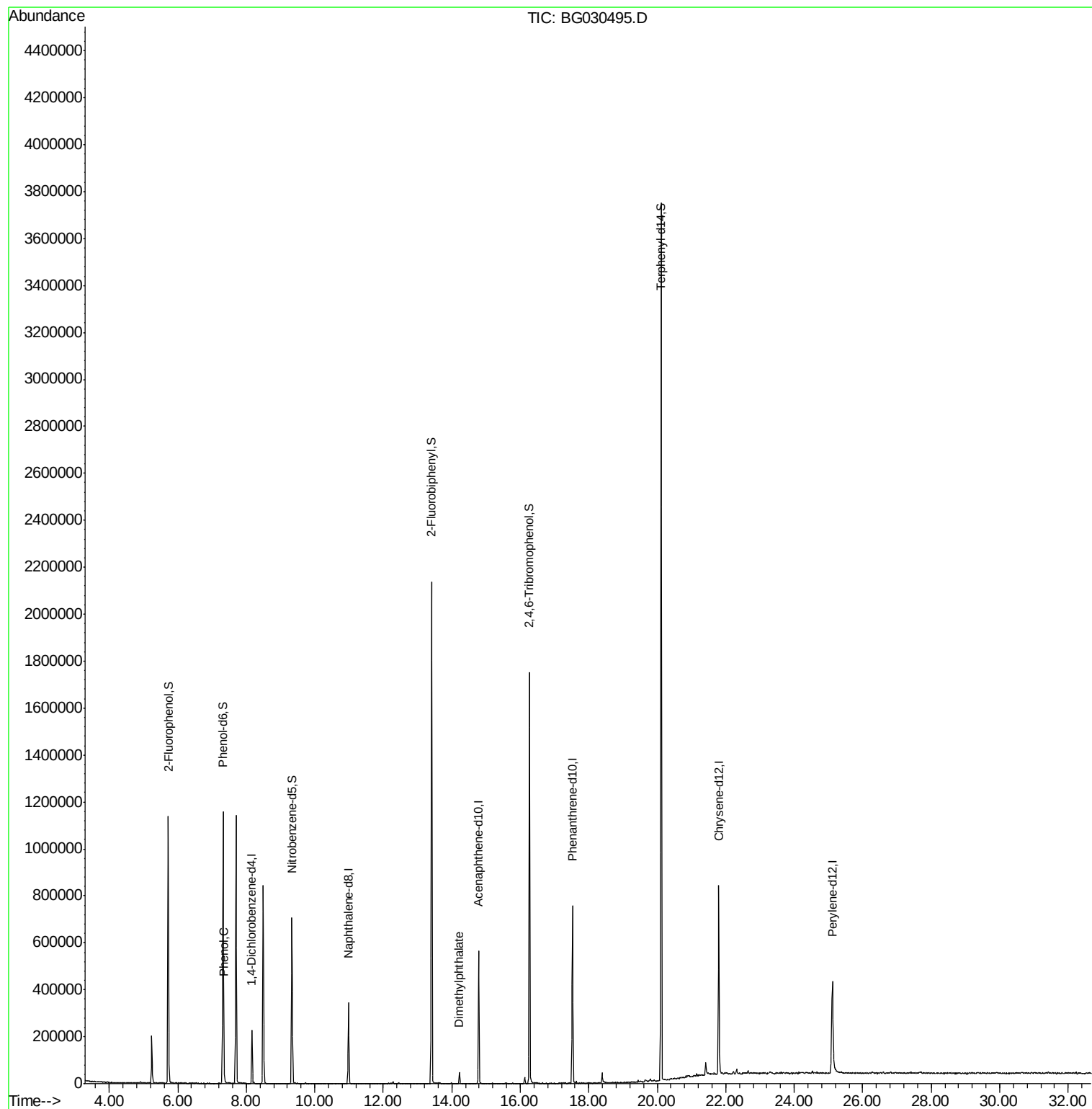
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64940	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	313562	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	202569	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	466682	20.00	ng	0.00
75) Chrysene-d12	21.80	240	494456	20.00	ng	0.00
86) Perylene-d12	25.12	264	493626	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	515645	132.65	ng	0.00
7) Phenol-d6	7.32	99	702564	128.76	ng	0.00
23) Nitrobenzene-d5	9.33	82	433643	87.88	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	351886	134.55	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1140365	82.57	ng	0.00
78) Terphenyl-d14	20.12	244	1725284	79.38	ng	0.00
Target Compounds						
10) Phenol	7.35	94	20908	3.554	ng	91
49) Dimethylphthalate	14.22	163	34873	2.206	ng	# 99

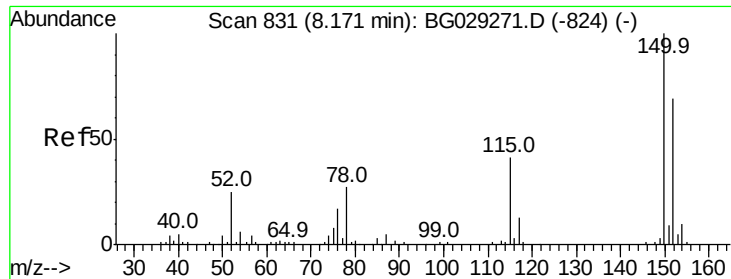
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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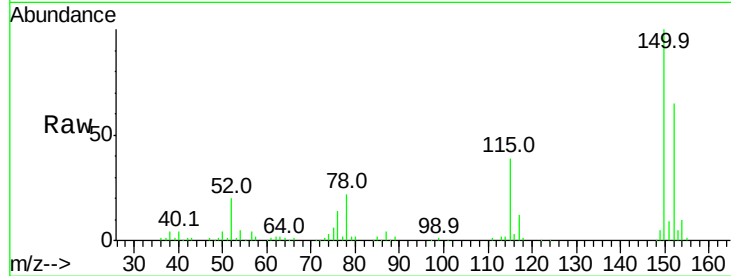


#1

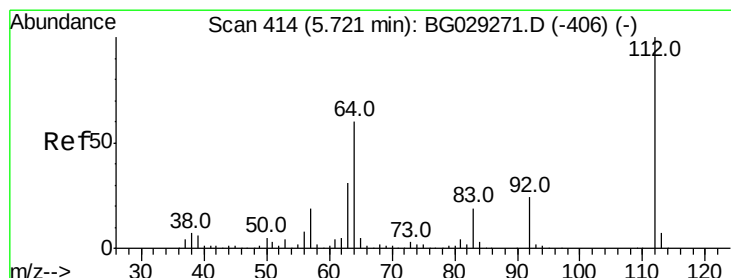
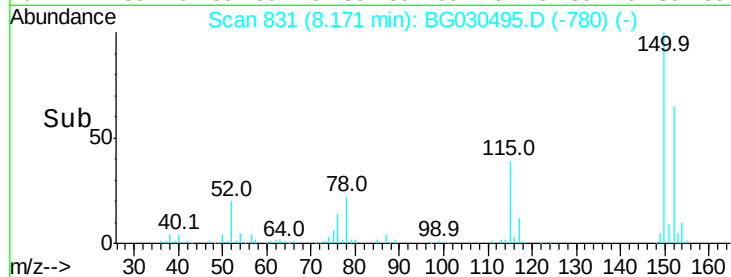
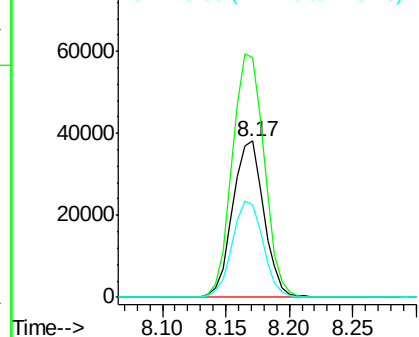
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. 0.00 min
Lab File: BG030495.D
Acq: 27 Oct 2017 13:28

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

Tot Ion:152 Resp: 64940
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 59.1 53.0 79.4



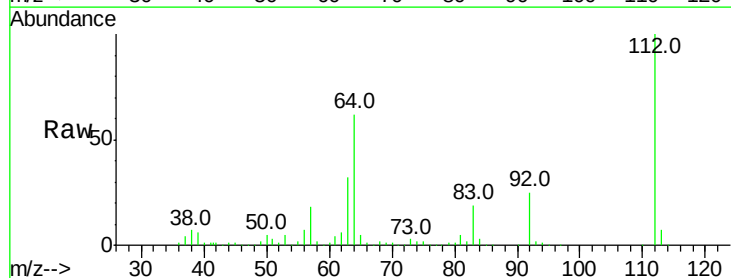
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



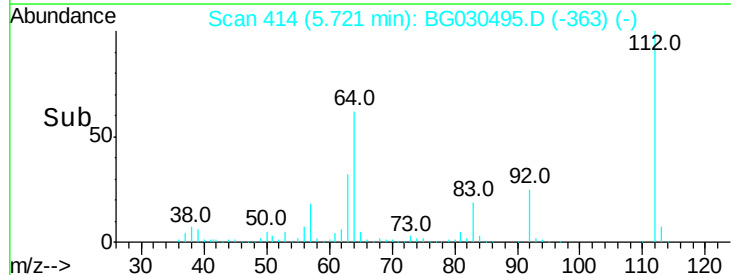
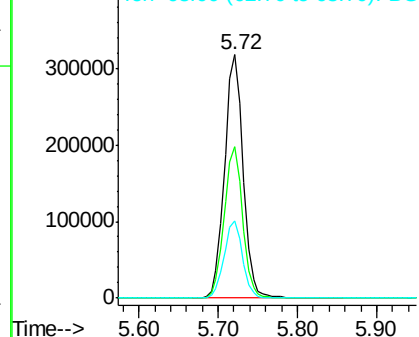
#5

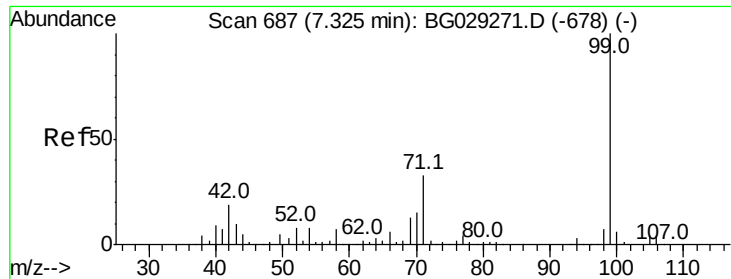
2-Fluorophenol
Concen: 132.647 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030495.D
Acq: 27 Oct 2017 13:28

Tgt Ion:112 Resp: 515645
Ion Ratio Lower Upper
112 100
64 62.4 56.3 84.5
63 31.6 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: 128.758 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

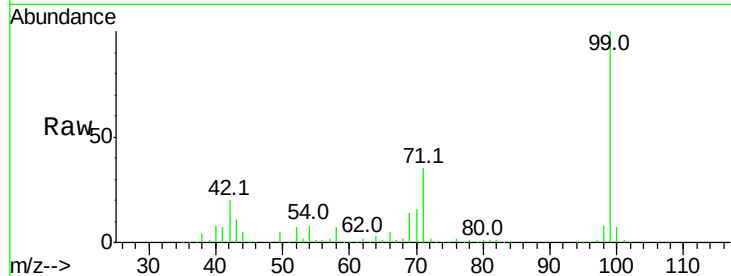
Tot Ion: 99 Resp: 702564

Ion Ratio Lower Upper

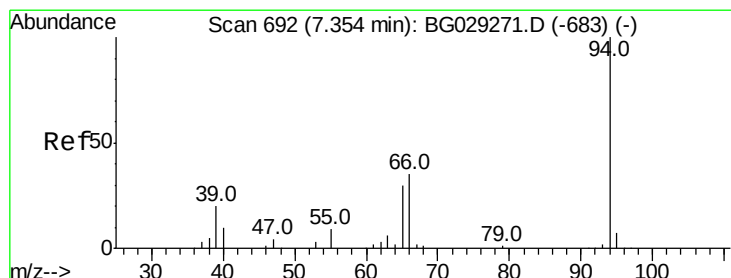
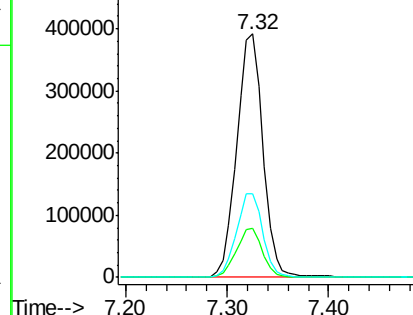
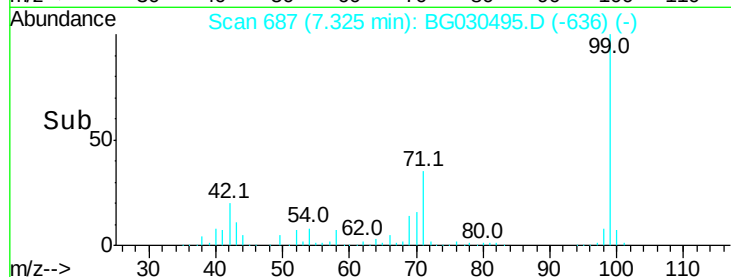
99 100

42 19.9 14.1 21.1

71 34.6 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: 3.554 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

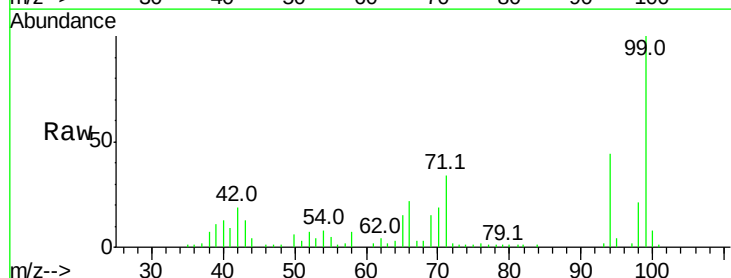
Tgt Ion: 94 Resp: 20908

Ion Ratio Lower Upper

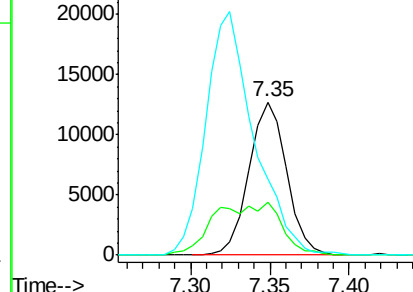
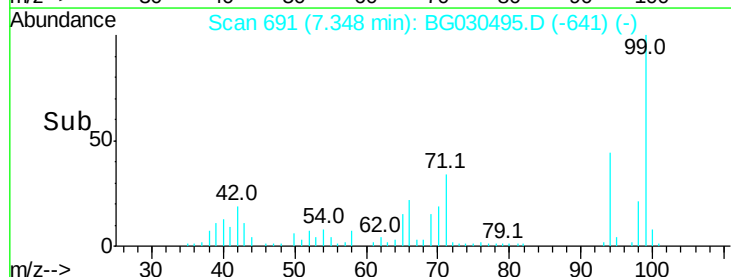
94 100

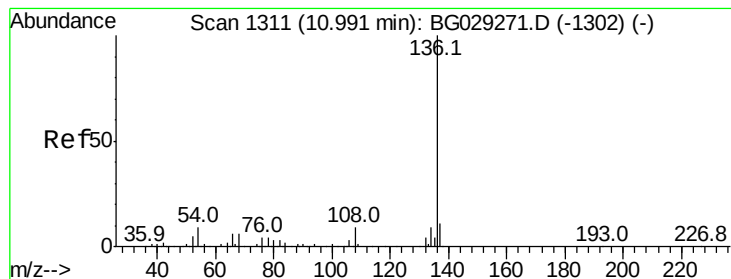
65 34.8 11.9 51.9

66 49.9 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: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

Tot Ion:136 Resp: 313562

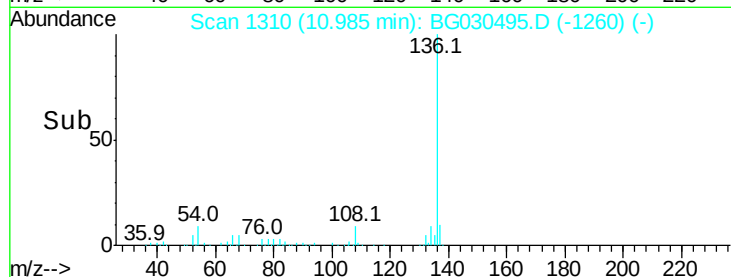
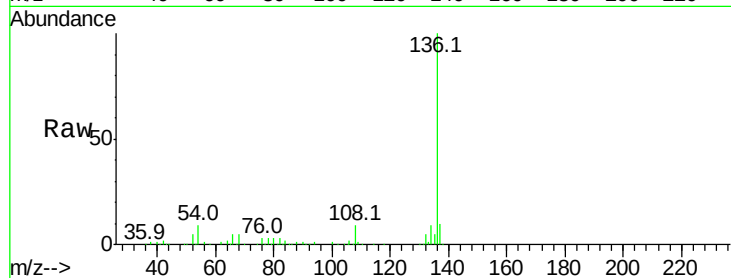
Ion Ratio Lower Upper

136 100

137 10.0 9.2 13.8

54 8.6 10.3 15.5#

68 5.0 4.5 6.7

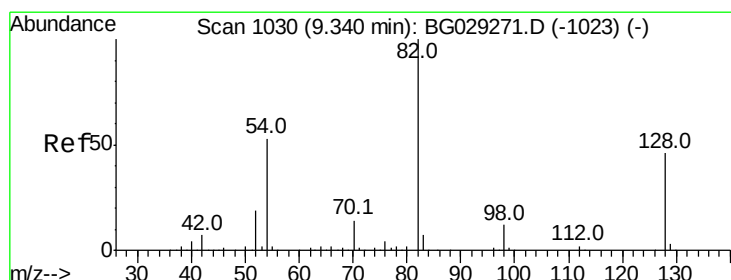
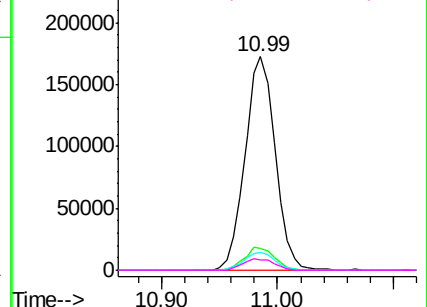


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.883 ng

RT: 9.33 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

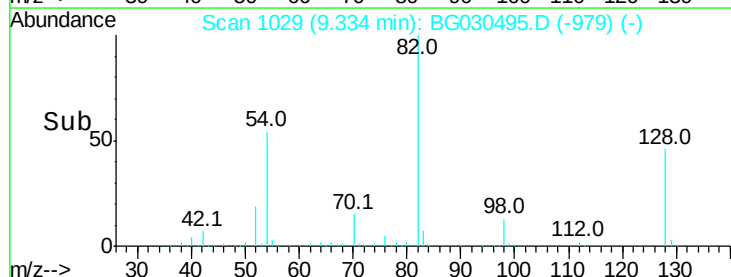
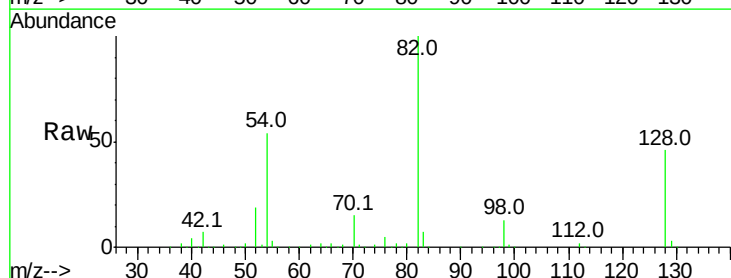
Tgt Ion: 82 Resp: 433643

Ion Ratio Lower Upper

82 100

128 46.0 29.7 44.5#

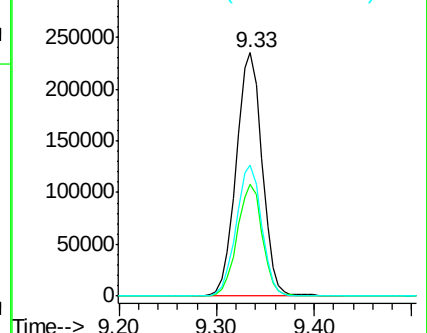
54 54.0 43.1 64.7

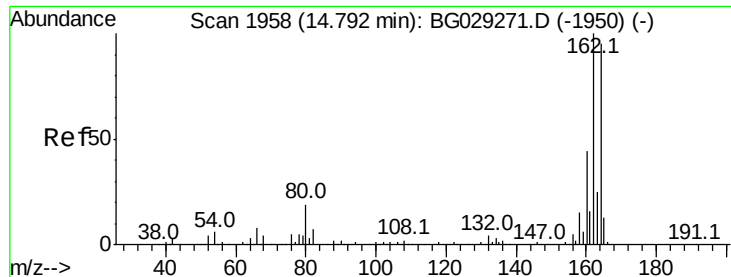


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

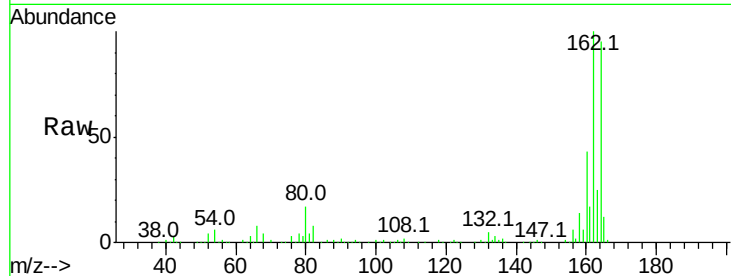
Tot Ion:164 Resp: 202569

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

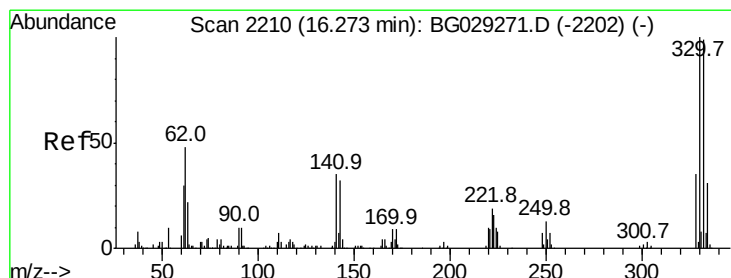
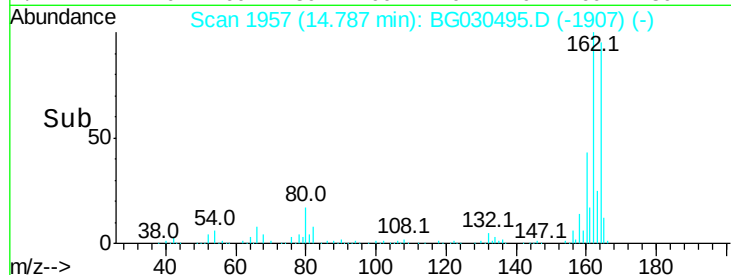
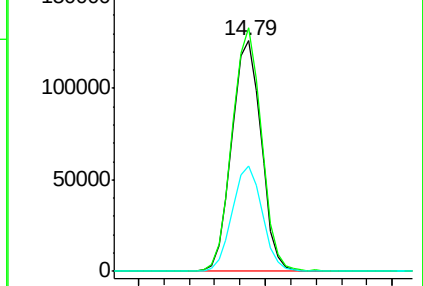
160 45.9 35.4 53.0



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: 134.545 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

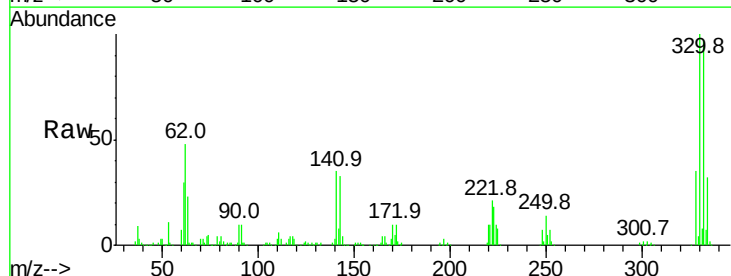
Tgt Ion:330 Resp: 351886

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

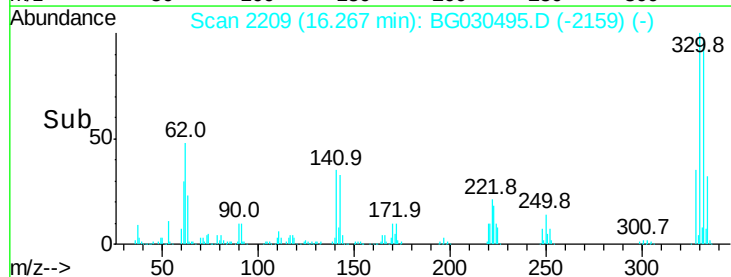
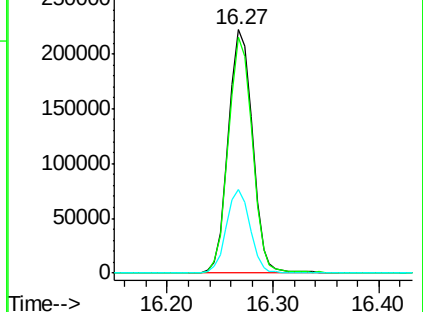
141 33.9 25.2 37.8

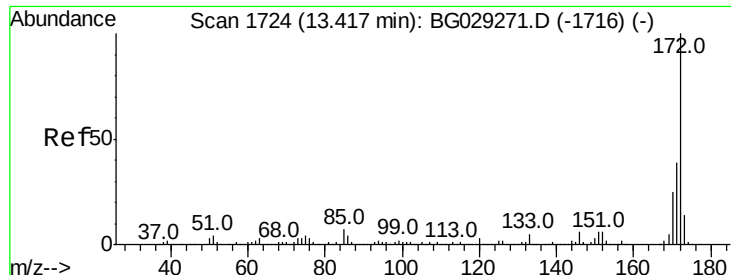


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

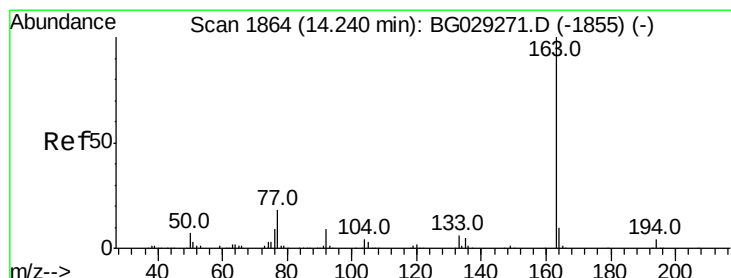
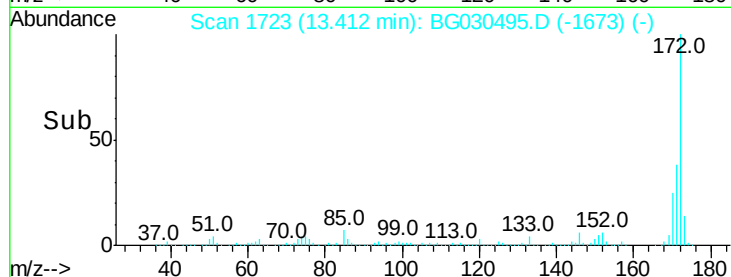
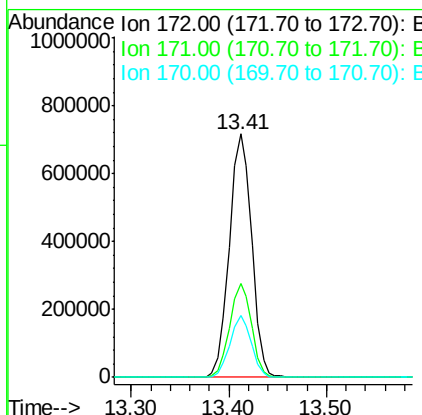
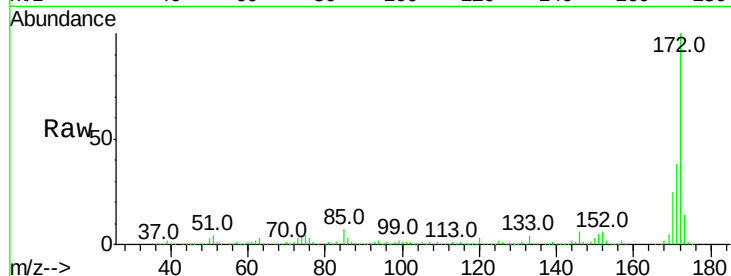




#44
2-Fluorobiphenyl
Concen: 82.566 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.01 min
Lab File: BG030495.D
Acq: 27 Oct 2017 13:28

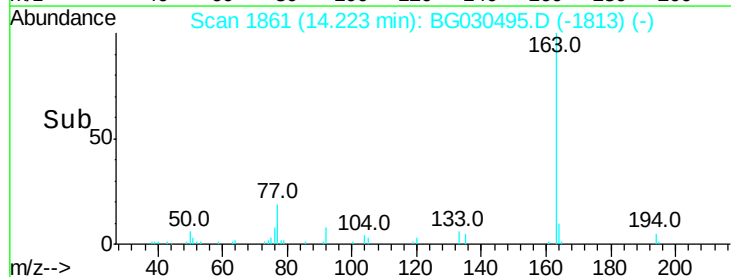
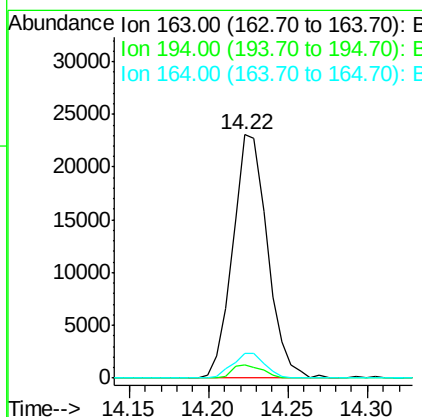
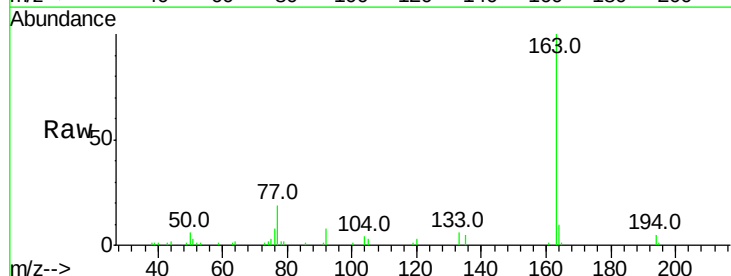
Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

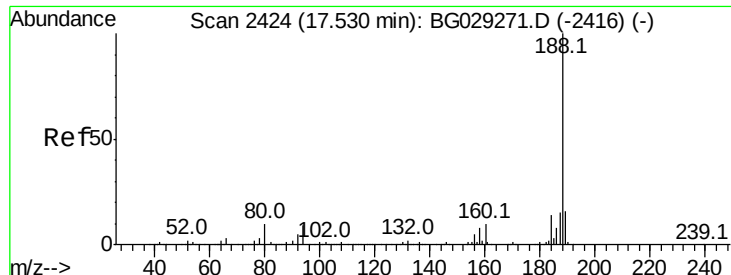
Tot Ion:172 Resp: 1140365
Ion Ratio Lower Upper
172 100
171 38.3 30.0 45.0
170 25.2 19.5 29.3



#49
Dimethylphthalate
Concen: 2.206 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.02 min
Lab File: BG030495.D
Acq: 27 Oct 2017 13:28

Tgt Ion:163 Resp: 34873
Ion Ratio Lower Upper
163 100
194 5.4 3.4 5.2#
164 10.2 8.2 12.4

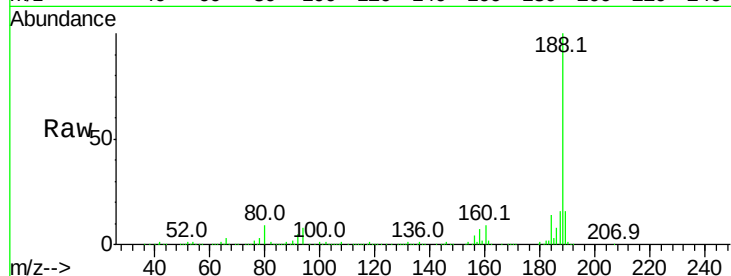




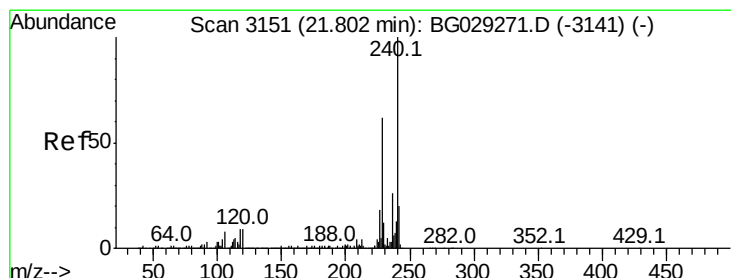
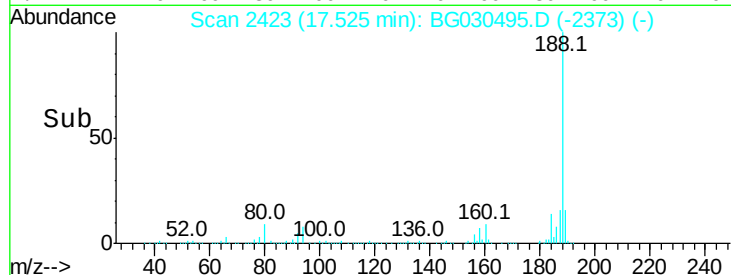
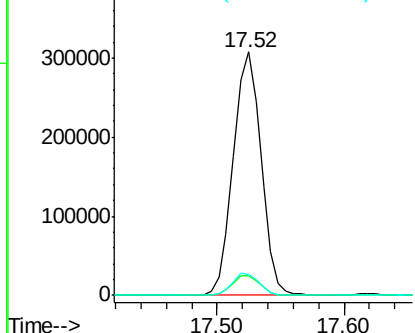
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030495.D
Acq: 27 Oct 2017 13:28

Instrument :
BNA_G
ClientSampleId :
SB-11-COMP

Tot Ion:188 Resp: 466682
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 8.7 7.7 11.5

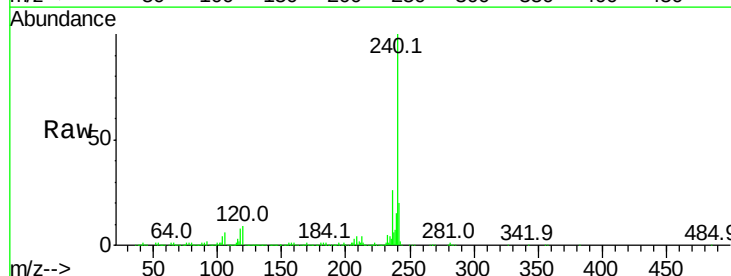


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

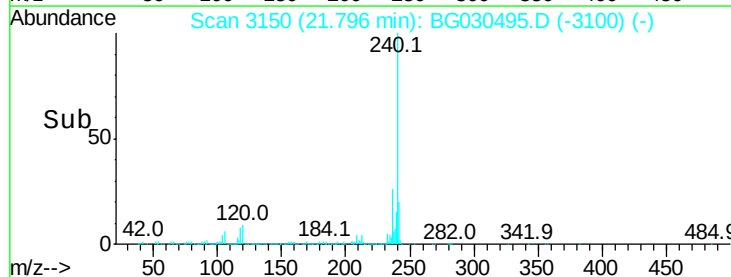
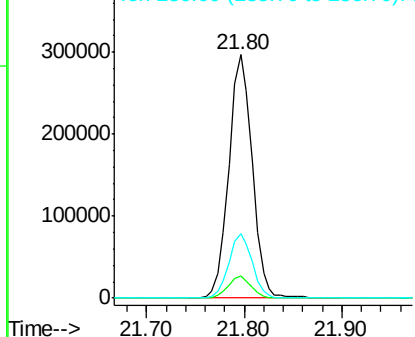


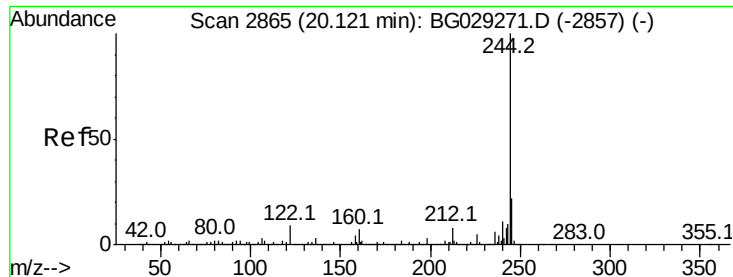
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030495.D
Acq: 27 Oct 2017 13:28

Tgt Ion:240 Resp: 494456
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.4 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: 79.378 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

Instrument :

BNA_G

ClientSampleId :

SB-11-COMP

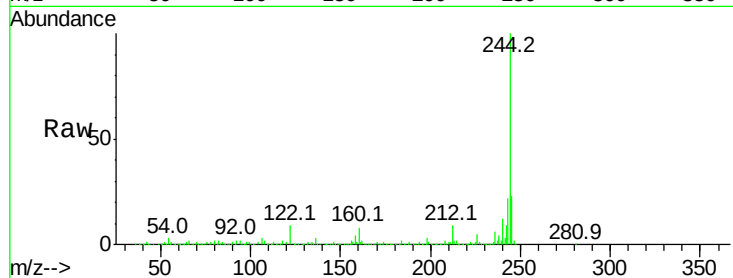
Tot Ion:244 Resp: 1725284

Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	9.5	7.0	10.4

244 100

212 8.6 5.8 8.8

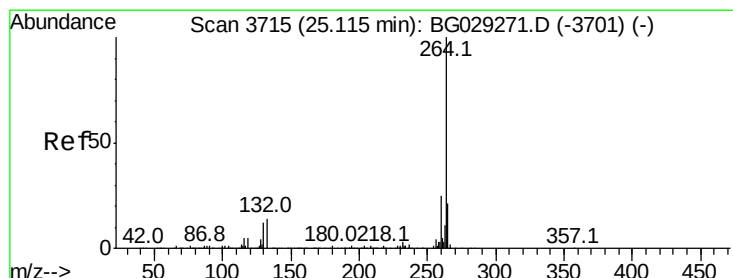
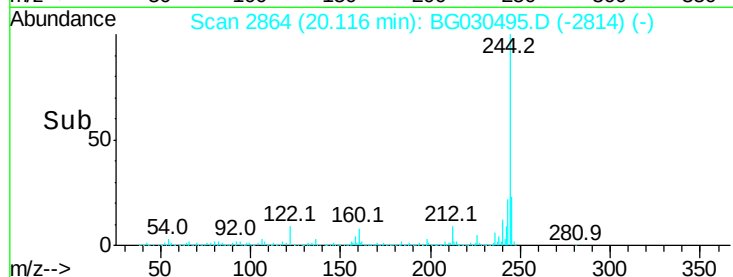
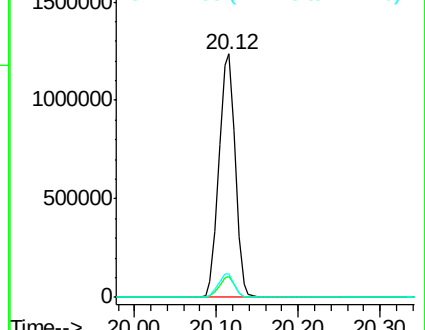
122 9.5 7.0 10.4



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: 25.12 min Scan# 3715

Delta R.T. 0.00 min

Lab File: BG030495.D

Acq: 27 Oct 2017 13:28

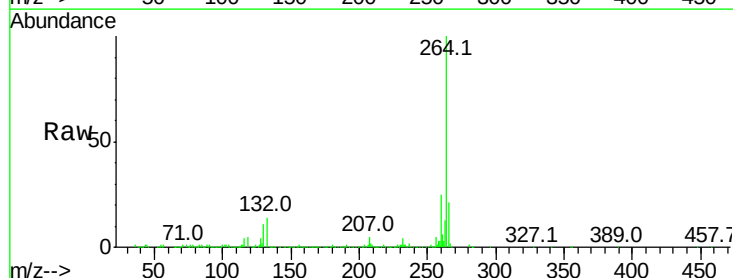
Tgt Ion:264 Resp: 493626

Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	20.7	17.7	26.5

264 100

260 24.8 17.4 26.0

265 20.7 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

