

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011618\
 Data File : BG032095.D
 Acq On : 17 Jan 2018 7:20
 Operator : SJ/JU
 Sample : J1113-17
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-19-2.5-3.0

Quant Time: Jan 17 10:44:46 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

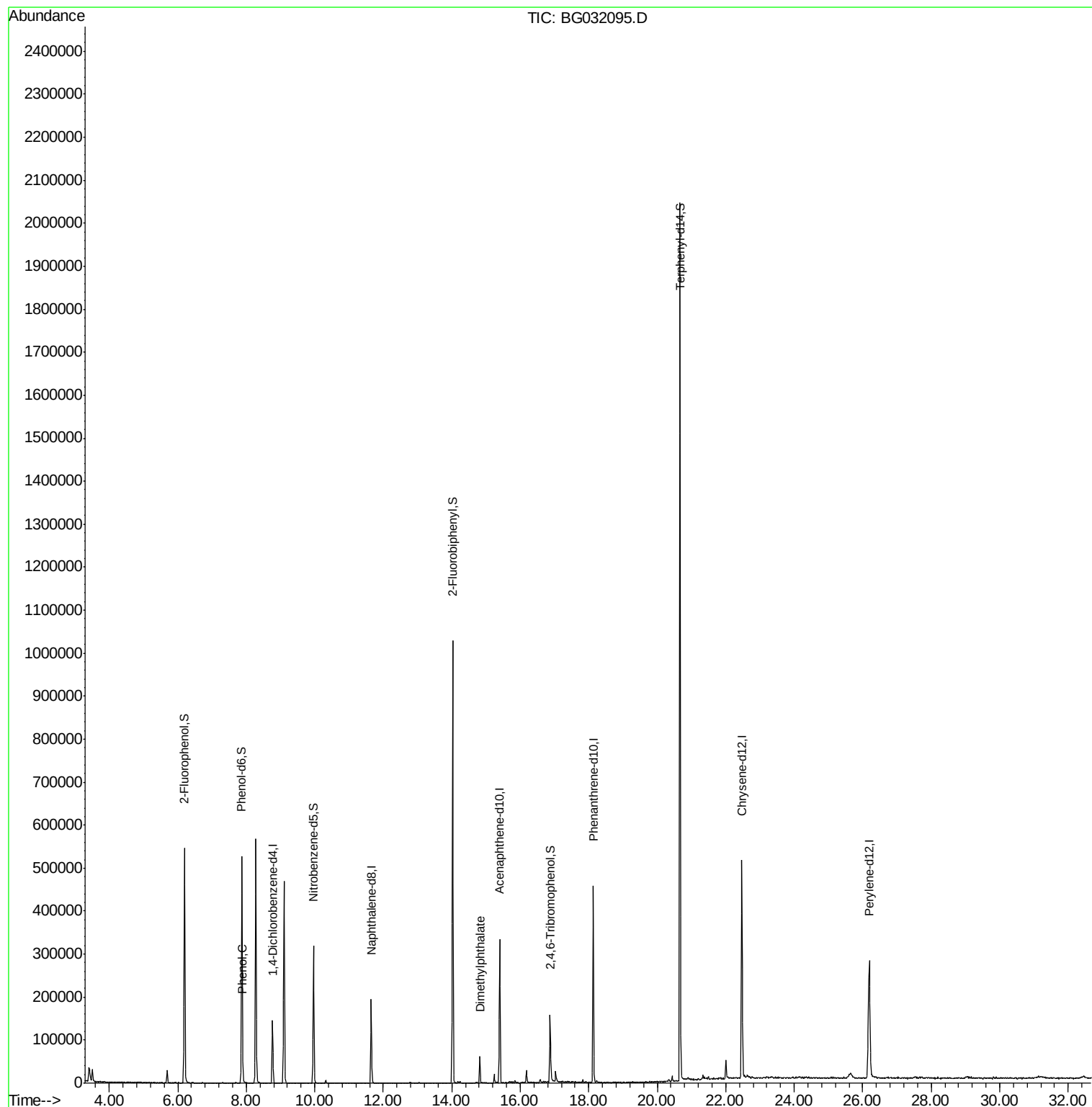
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	49735	20.00	ng	0.00
21) Naphthalene-d8	11.65	136	189034	20.00	ng	-0.01
38) Acenaphthene-d10	15.40	164	126841	20.00	ng	0.00
63) Phenanthrene-d10	18.13	188	321283	20.00	ng	-0.01
75) Chrysene-d12	22.47	240	400349	20.00	ng	-0.01
86) Perylene-d12	26.19	264	408277	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	288998	106.27	ng	0.00
7) Phenol-d6	7.87	99	344065	100.46	ng	0.00
23) Nitrobenzene-d5	9.96	82	204167	73.07	ng	-0.01
41) 2,4,6-Tribromophenol	16.87	330	41231	19.64	ng	0.00
44) 2-Fluorobiphenyl	14.03	172	630812	61.67	ng	0.00
78) Terphenyl-d14	20.66	244	1126413	62.13	ng	-0.01
Target Compounds						
10) Phenol	7.90	94	9694	2.873	ng	Qvalue 85
49) Dimethylphthalate	14.82	163	45371	4.088	ng	# 97

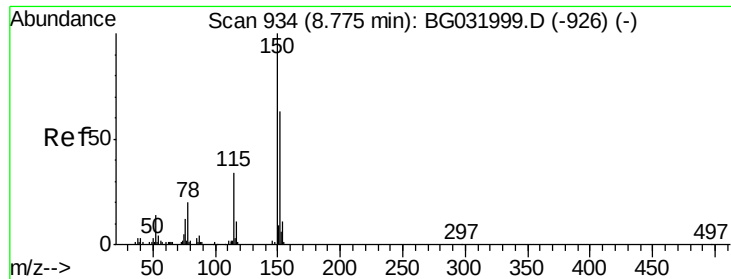
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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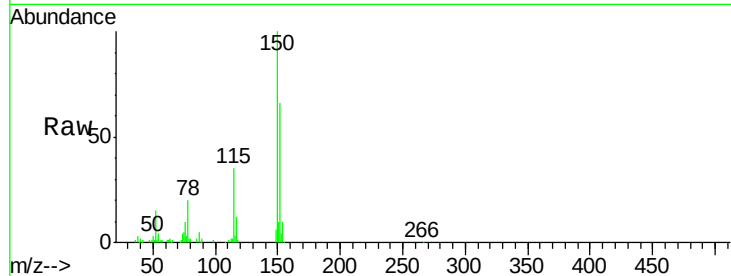


#1

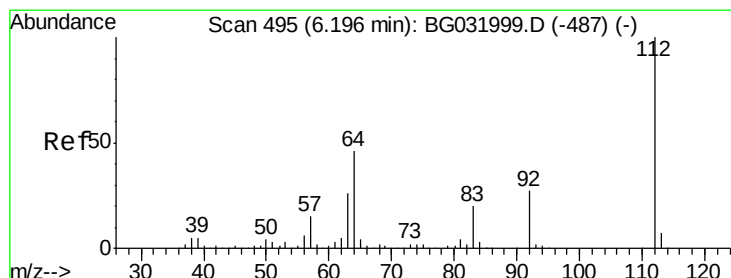
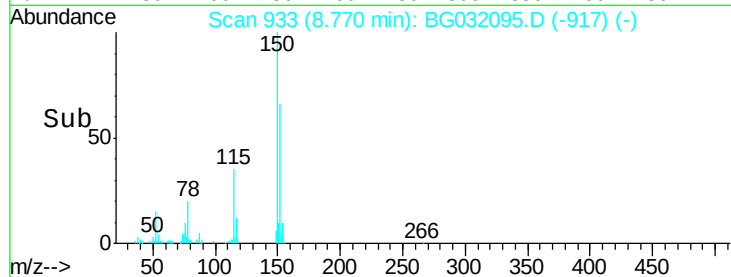
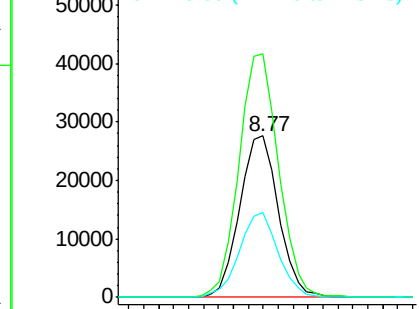
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.77 min Scan# 933
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	126.6	189.8
115	52.6	53.0	79.4#



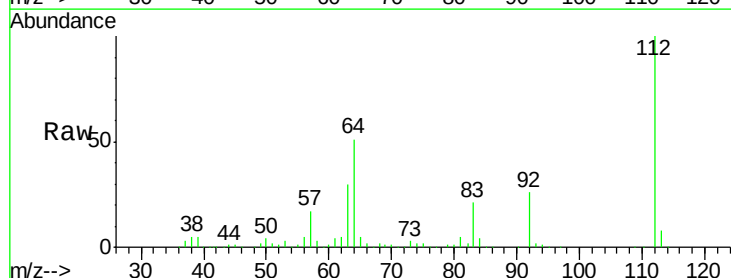
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



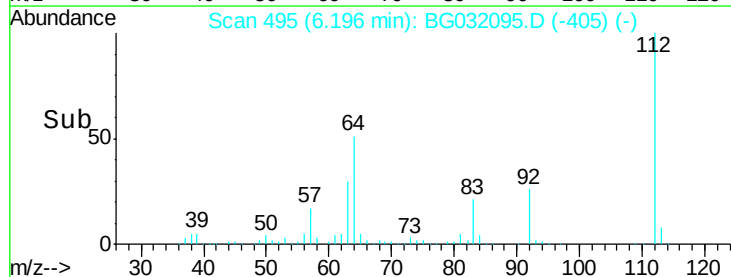
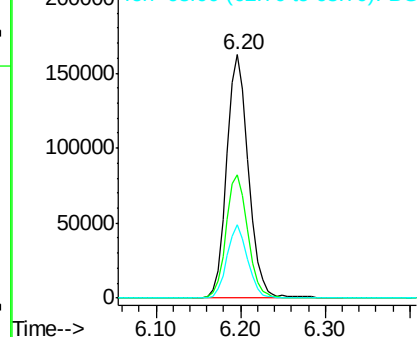
#5

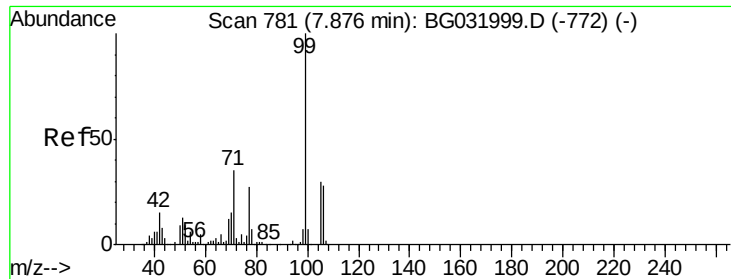
2-Fluorophenol
Concen: 106.275 ng
RT: 6.20 min Scan# 495
Delta R.T. 0.00 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	56.3	84.5#
63	30.0	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: 100.461 ng

RT: 7.87 min Scan# 780

Delta R.T. -0.01 min

Lab File: BG032095.D

Acq: 17 Jan 2018 7:20

Instrument :

BNA_G

ClientSampleId :

SB-19-2.5-3.0

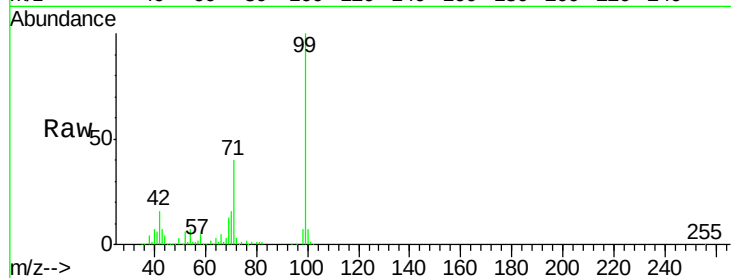
Tgt Ion: 99 Resp: 344065

Ion Ratio Lower Upper

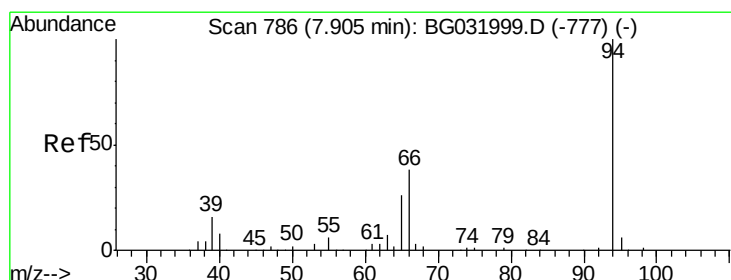
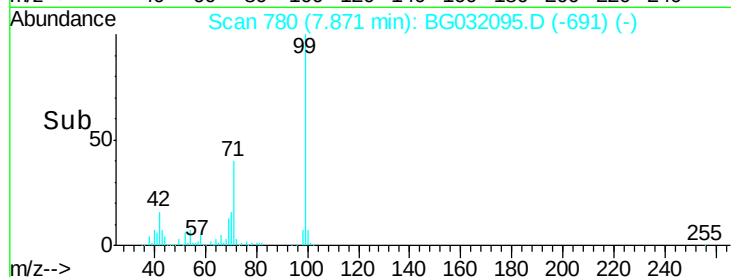
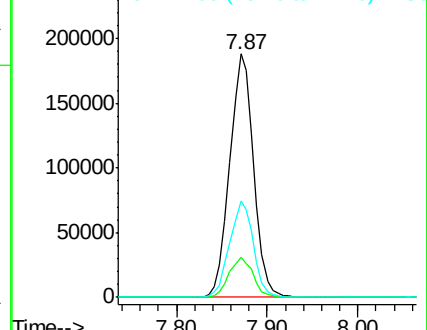
99 100

42 16.4 14.1 21.1

71 39.7 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: 2.873 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.01 min

Lab File: BG032095.D

Acq: 17 Jan 2018 7:20

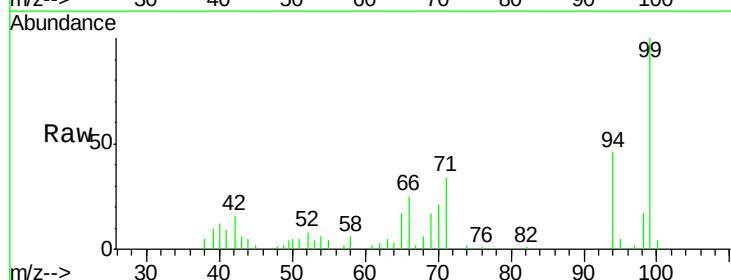
Tgt Ion: 94 Resp: 9694

Ion Ratio Lower Upper

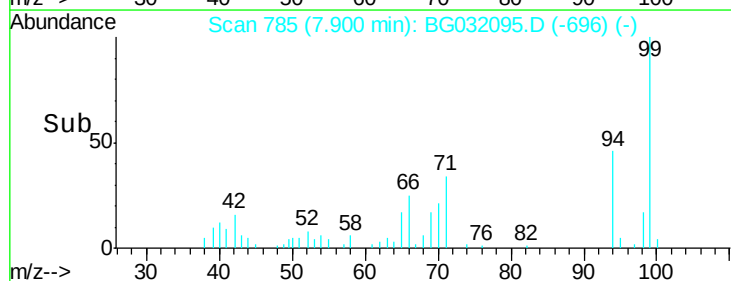
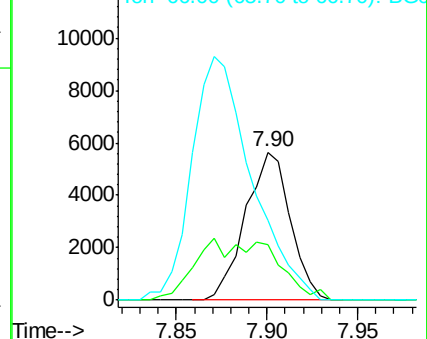
94 100

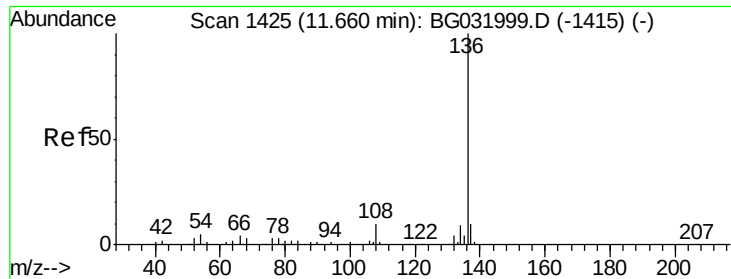
65 37.7 11.9 51.9

66 53.7 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

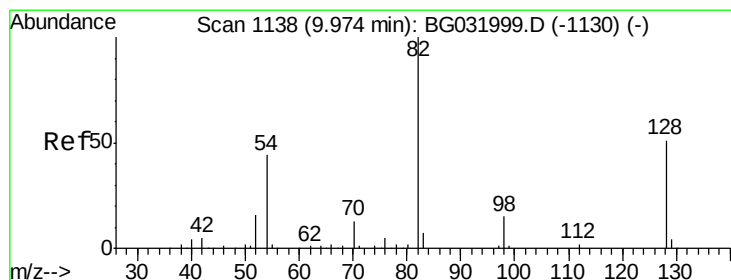
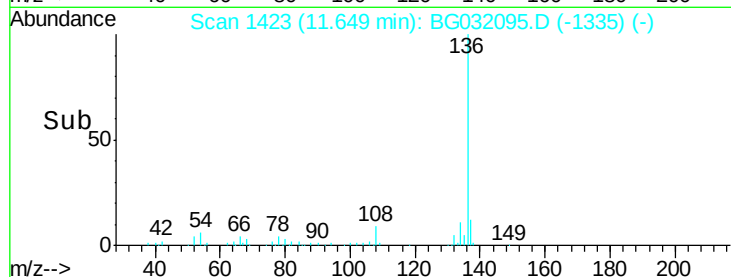
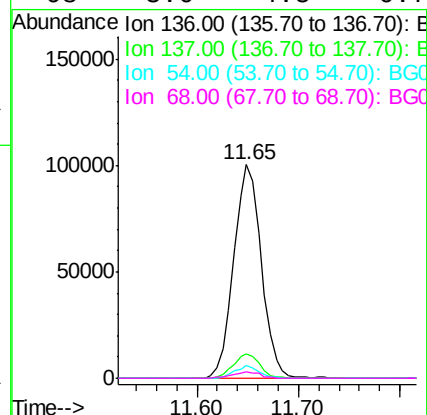
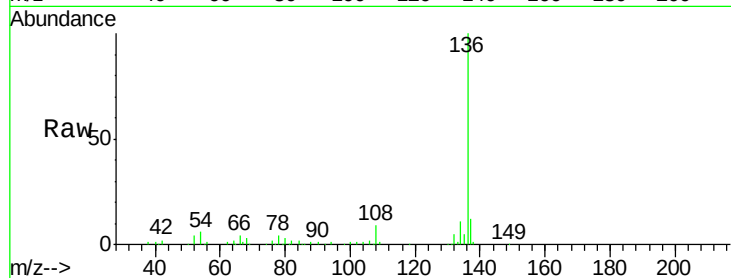




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

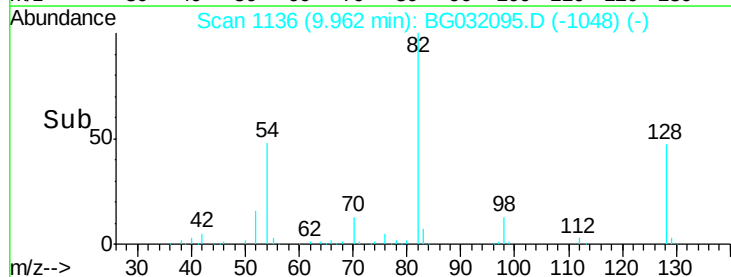
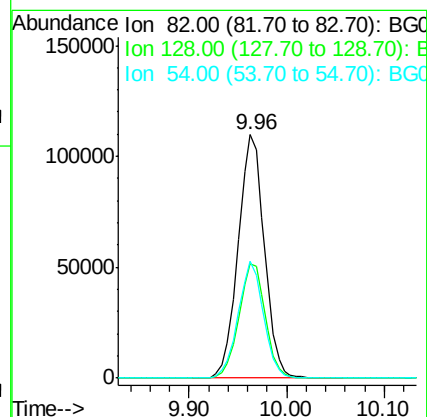
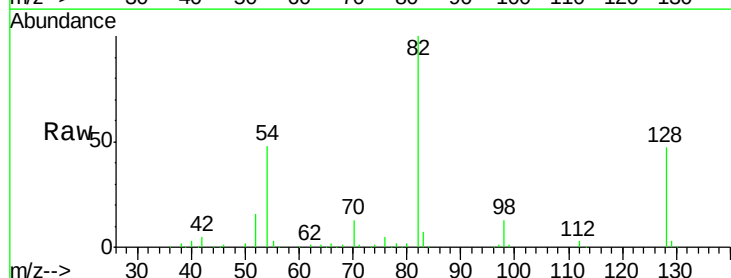
Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

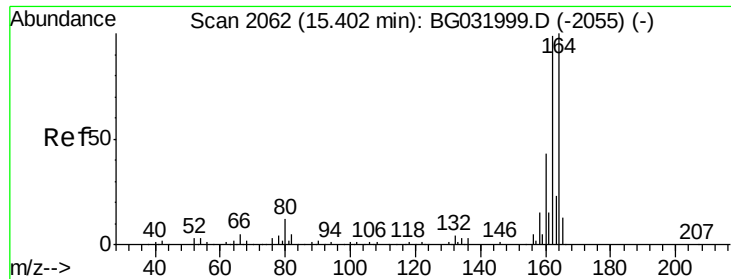
Tgt Ion:	136	Resp:	189034
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.2	10.3	15.5#
68	3.0	4.5	6.7#



#23
Nitrobenzene-d5
Concen: 73.070 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:	82	Resp:	204167
Ion	Ratio	Lower	Upper
82	100		
128	47.1	29.7	44.5#
54	48.0	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.40 min Scan# 2061

Delta R.T. -0.01 min

Lab File: BG032095.D

Acq: 17 Jan 2018 7:20

Instrument :

BNA_G

ClientSampleId :

SB-19-2.5-3.0

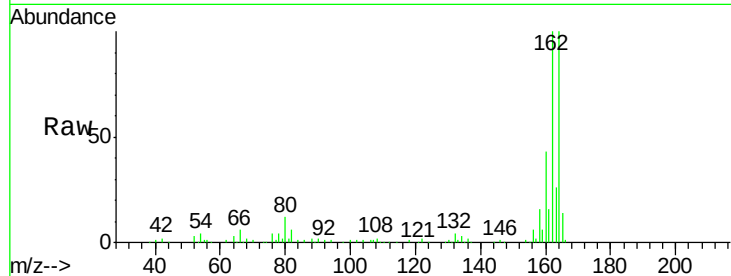
Tgt Ion:164 Resp: 126841

Ion Ratio Lower Upper

164 100

162 100.0 78.8 118.2

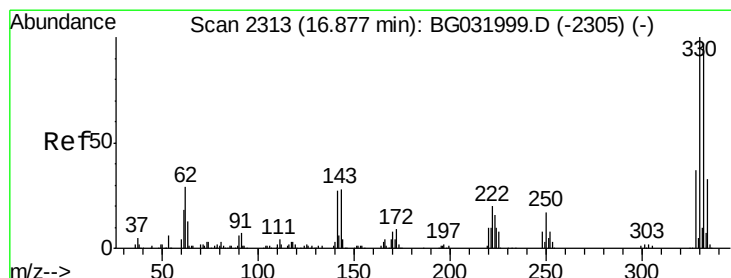
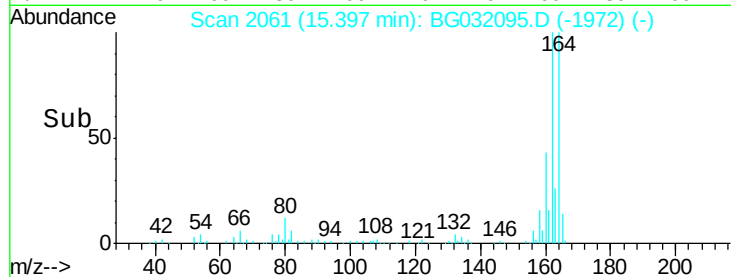
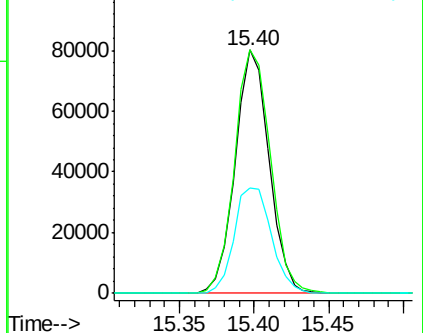
160 43.2 35.4 53.0



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: 19.644 ng

RT: 16.87 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG032095.D

Acq: 17 Jan 2018 7:20

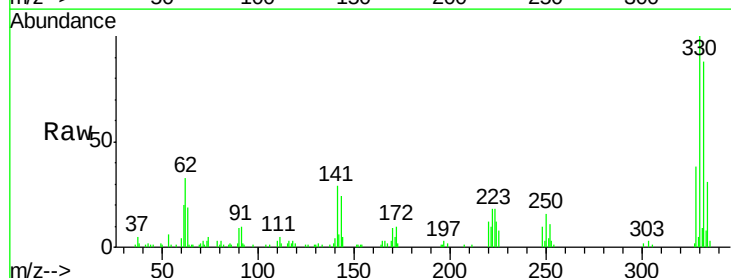
Tgt Ion:330 Resp: 41231

Ion Ratio Lower Upper

330 100

332 100.1 77.0 115.6

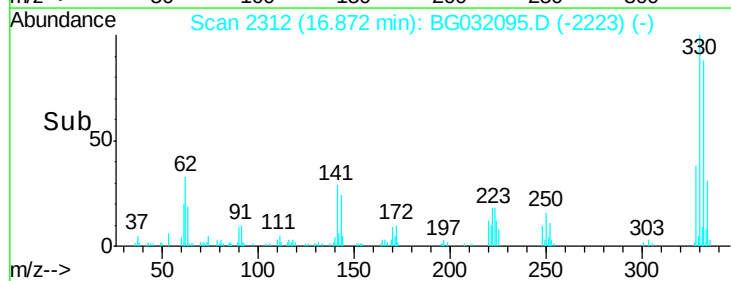
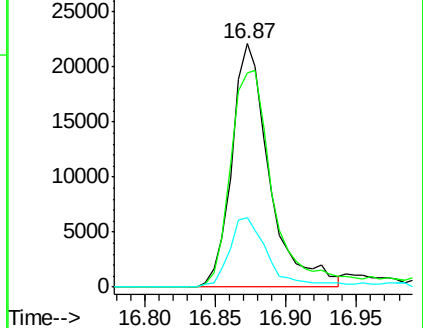
141 29.5 25.2 37.8

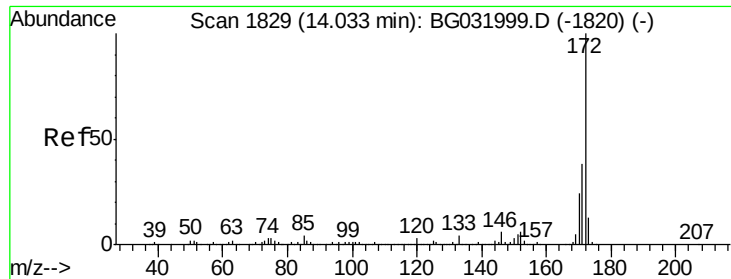


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

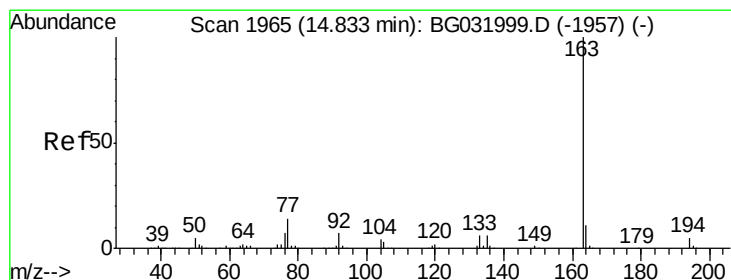
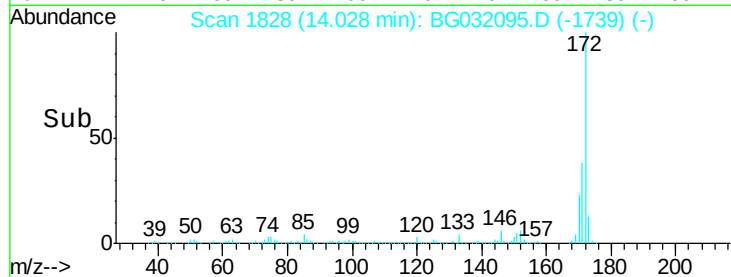
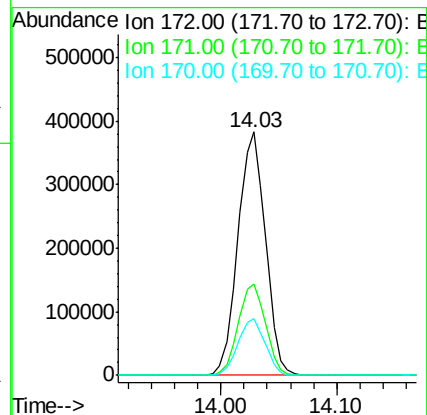
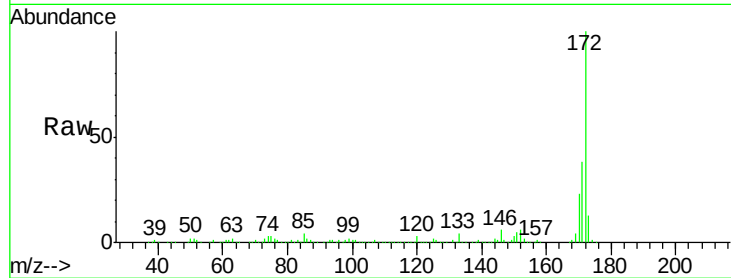




#44
2-Fluorobiphenyl
Concen: 61.666 ng
RT: 14.03 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

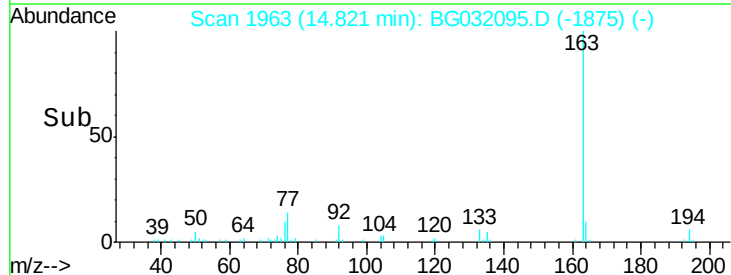
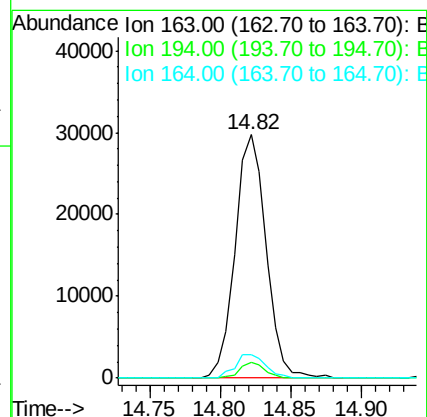
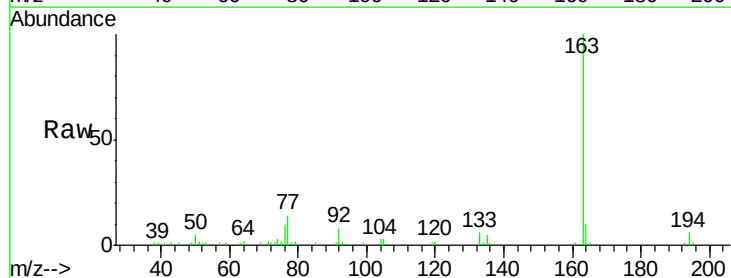
Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

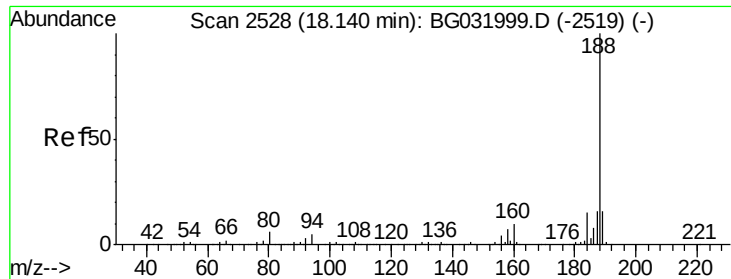
Tgt Ion:172 Resp: 630812
Ion Ratio Lower Upper
172 100
171 37.5 30.0 45.0
170 23.1 19.5 29.3



#49
Dimethylphthalate
Concen: 4.088 ng
RT: 14.82 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:163 Resp: 45371
Ion Ratio Lower Upper
163 100
194 6.3 3.4 5.2#
164 9.8 8.2 12.4

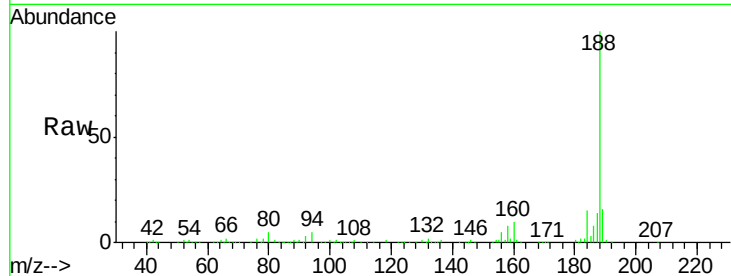




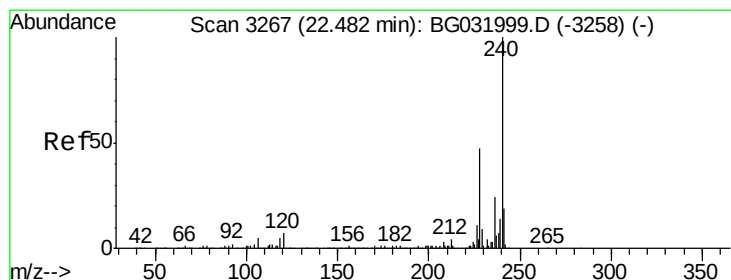
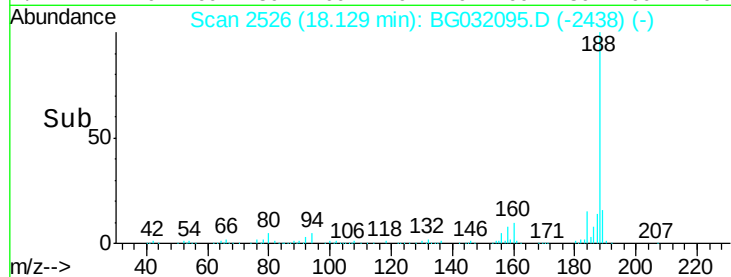
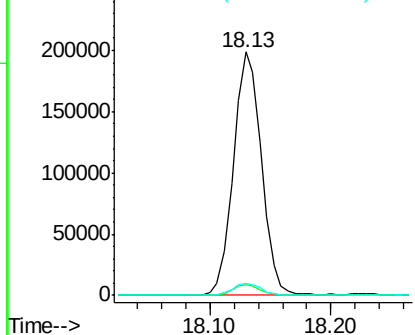
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.13 min Scan# 2526
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Instrument :
BNA_G
ClientSampleId :
SB-19-2.5-3.0

Tgt Ion:188 Resp: 321283
Ion Ratio Lower Upper
188 100
94 4.5 6.9 10.3#
80 5.0 7.7 11.5#

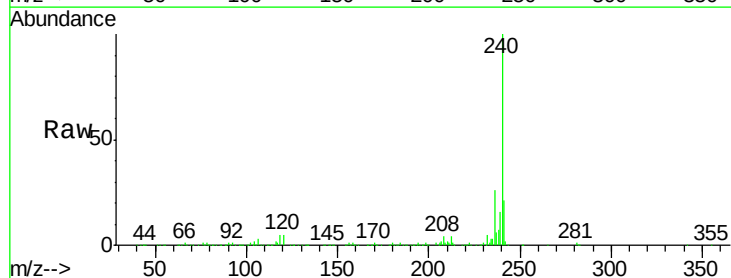


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

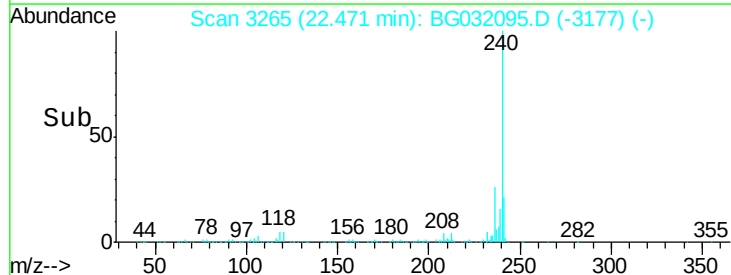
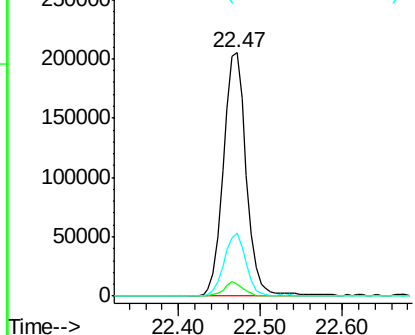


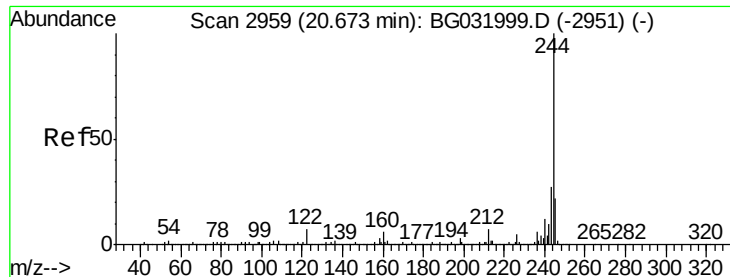
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.47 min Scan# 3265
Delta R.T. -0.01 min
Lab File: BG032095.D
Acq: 17 Jan 2018 7:20

Tgt Ion:240 Resp: 400349
Ion Ratio Lower Upper
240 100
120 4.8 6.8 10.2#
236 25.9 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: 62.125 ng

RT: 20.66 min Scan# 2957

Delta R.T. -0.01 min

Lab File: BG032095.D

Acq: 17 Jan 2018 7:20

Instrument :

BNA_G

ClientSampleId :

SB-19-2.5-3.0

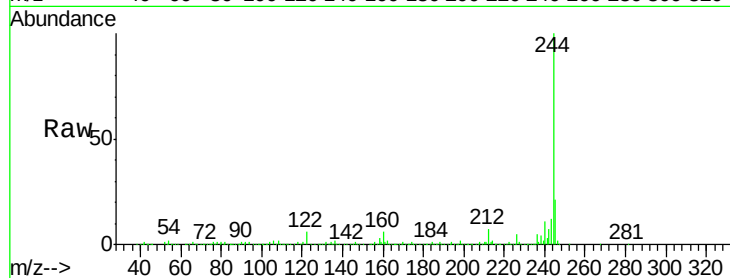
Tgt Ion:244 Resp: 1126413

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

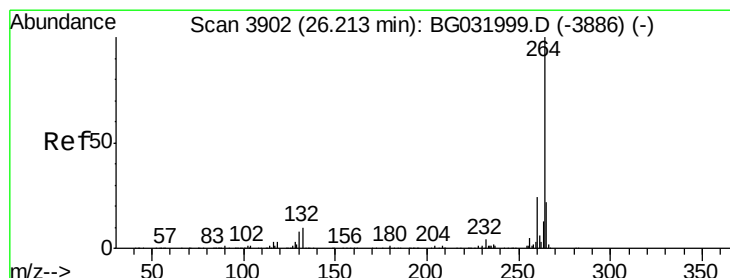
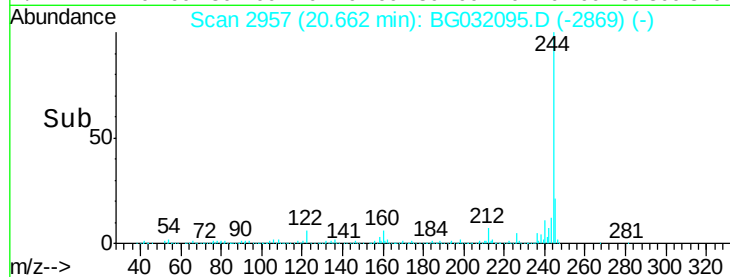
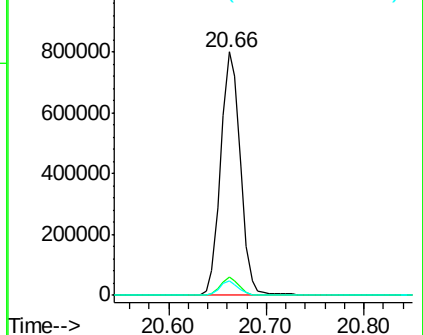
122 6.0 7.0 10.4#



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: 26.19 min Scan# 3898

Delta R.T. -0.02 min

Lab File: BG032095.D

Acq: 17 Jan 2018 7:20

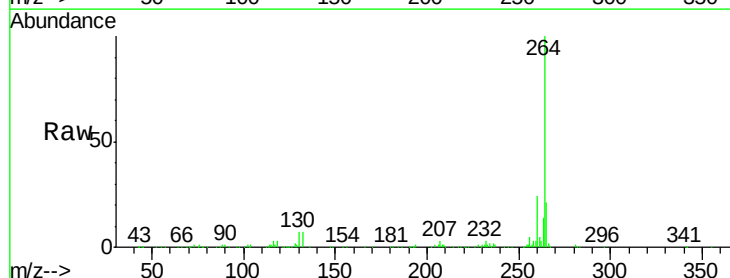
Tgt Ion:264 Resp: 408277

Ion Ratio Lower Upper

264 100

260 24.2 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

