

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121817\
 Data File : BG031633.D
 Acq On : 18 Dec 2017 14:03
 Operator : SJ/JU
 Sample : I6909-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 121217-DBRI-E-U-B

Quant Time: Dec 19 07:27:40 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

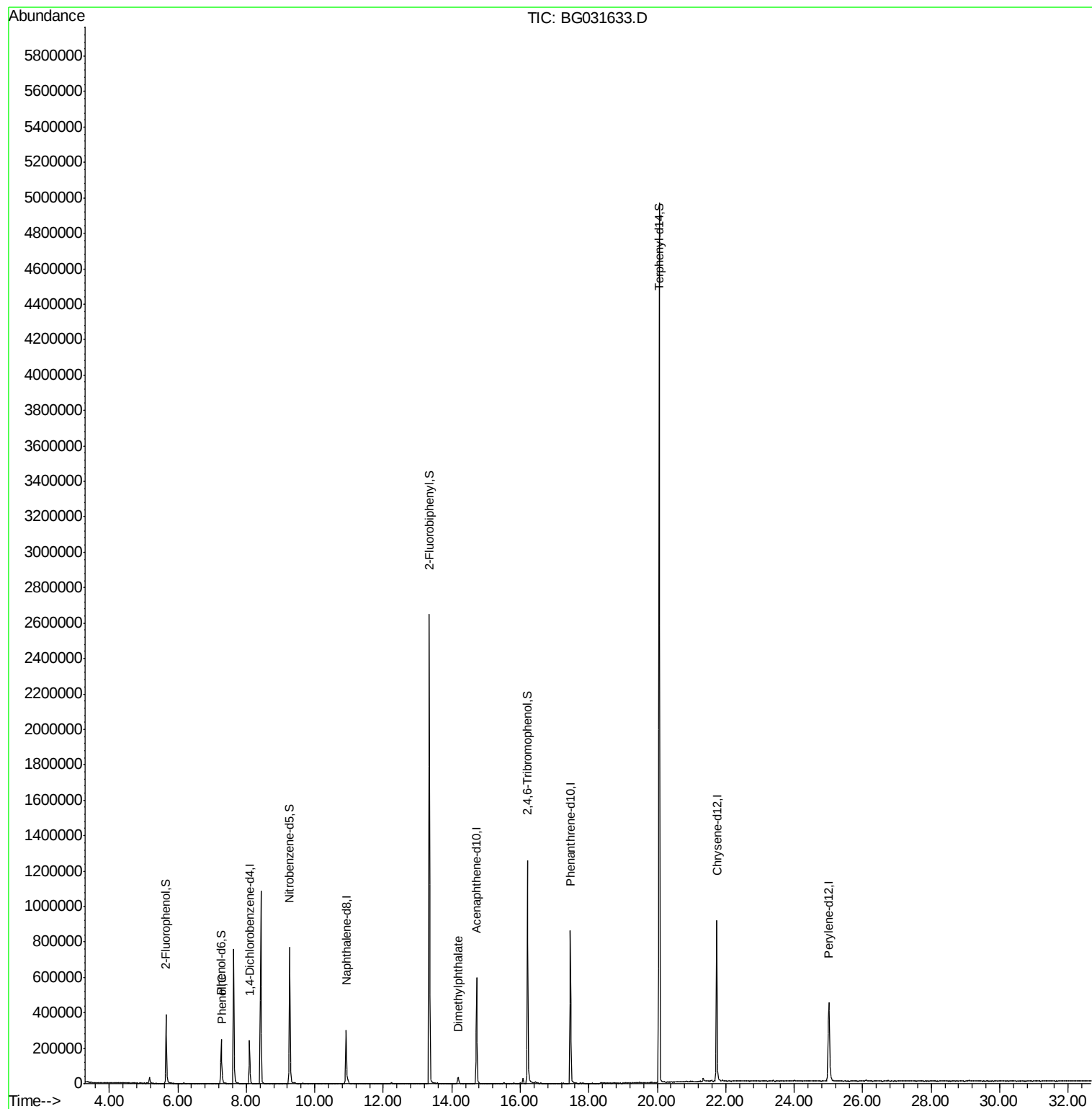
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	74957	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	337317	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	233525	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	596565	20.00	ng	-0.01
75) Chrysene-d12	21.74	240	634578	20.00	ng	-0.01
86) Perylene-d12	25.01	264	545314	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	218853	51.75	ng	-0.01
7) Phenol-d6	7.27	99	177670	30.26	ng	0.00
23) Nitrobenzene-d5	9.27	82	521932	95.37	ng	0.00
41) 2,4,6-Tribromophenol	16.21	330	283827	103.74	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1563825	98.30	ng	0.00
78) Terphenyl-d14	20.06	244	2504427	89.79	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	14321	2.375	ng	Qvalue 97
49) Dimethylphthalate	14.19	163	46612	2.411	ng	# 97

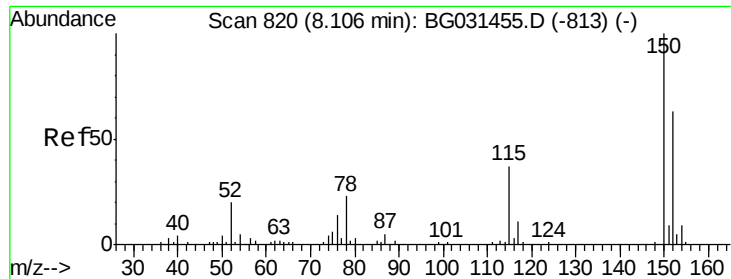
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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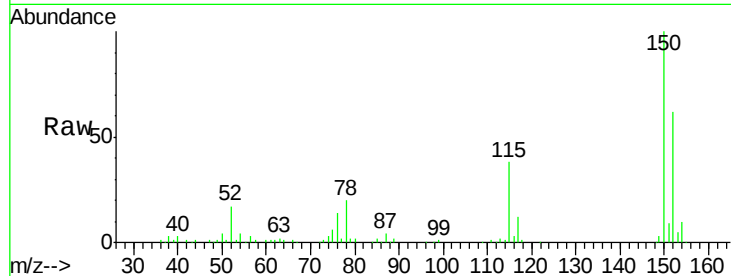




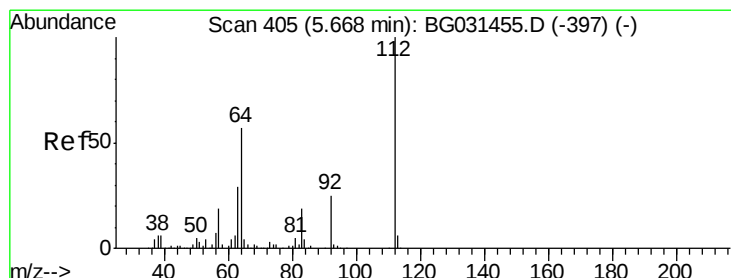
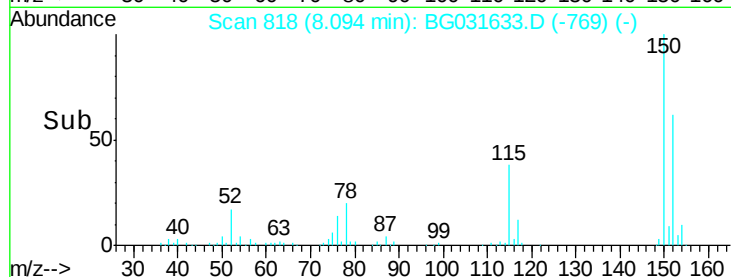
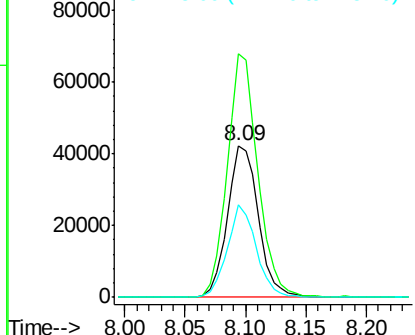
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.09 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

Instrument :
 BNA_G
 ClientSampleId :
 121217-DBRI-E-U-B

Tgt Ion:152 Resp: 74957
 Ion Ratio Lower Upper
 152 100
 150 160.6 126.6 189.8
 115 60.9 53.0 79.4

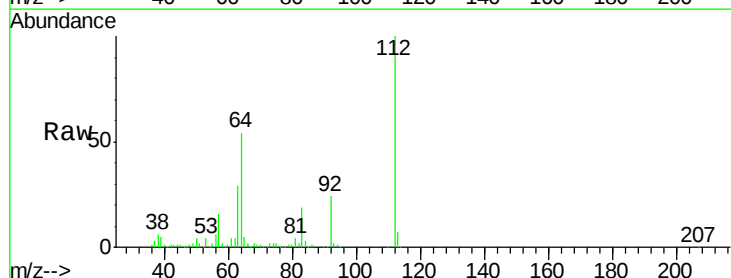


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

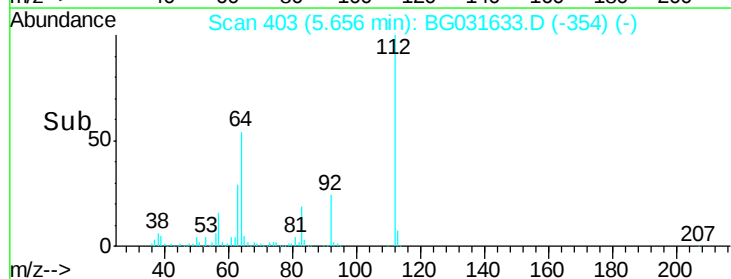
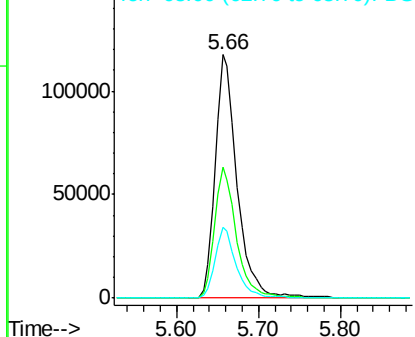


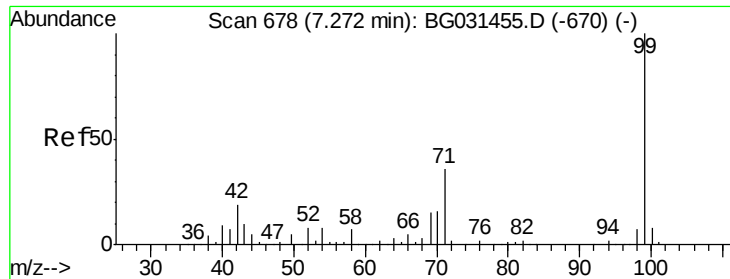
#5
 2-Fluorophenol
 Concen: 51.752 ng
 RT: 5.66 min Scan# 403
 Delta R.T. -0.01 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

Tgt Ion:112 Resp: 218853
 Ion Ratio Lower Upper
 112 100
 64 53.9 56.3 84.5#
 63 29.0 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: 30.264 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-U-B

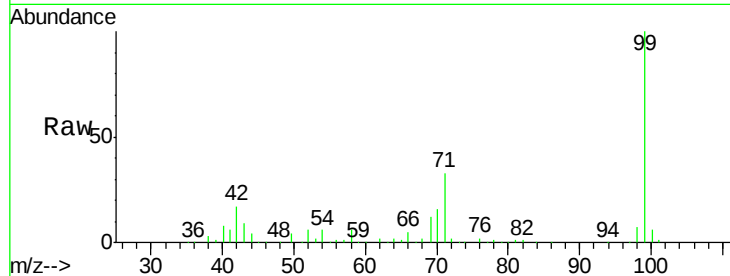
Tgt Ion: 99 Resp: 177670

Ion Ratio Lower Upper

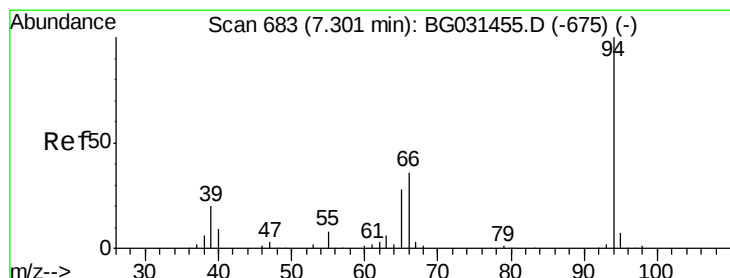
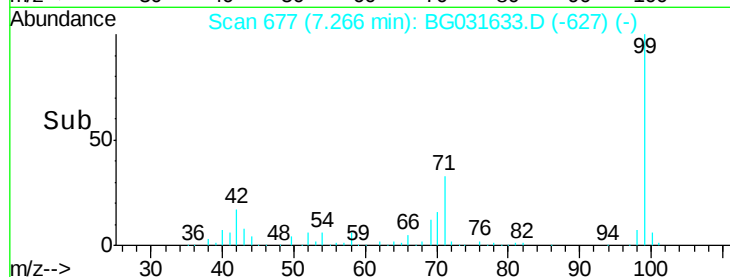
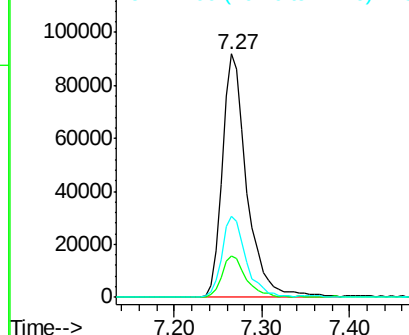
99 100

42 17.2 14.1 21.1

71 33.2 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: 2.375 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

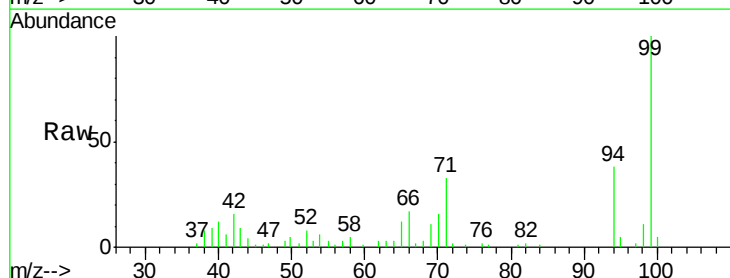
Tgt Ion: 94 Resp: 14321

Ion Ratio Lower Upper

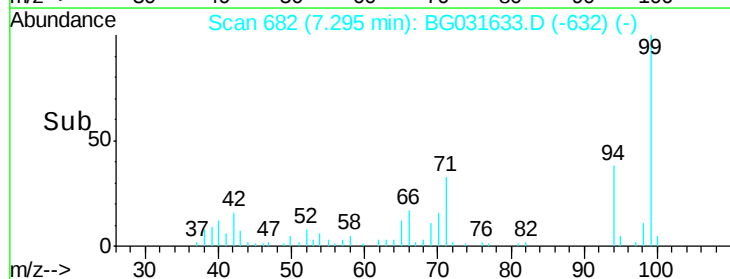
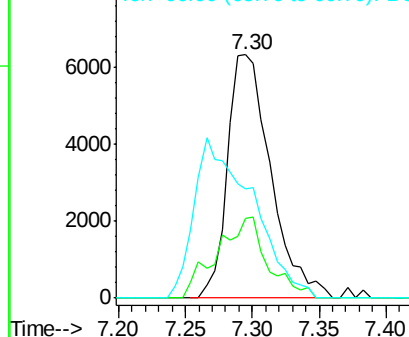
94 100

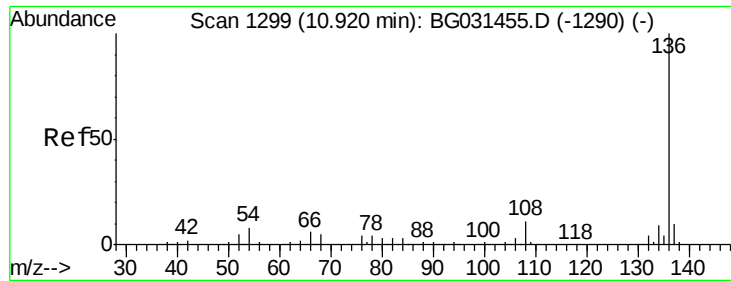
65 33.0 11.9 51.9

66 44.9 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

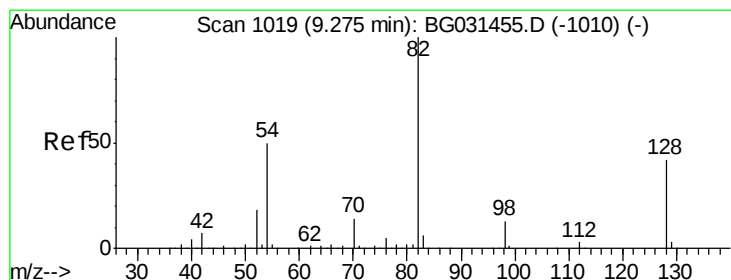
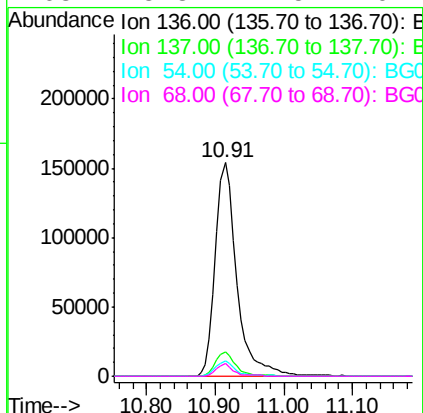
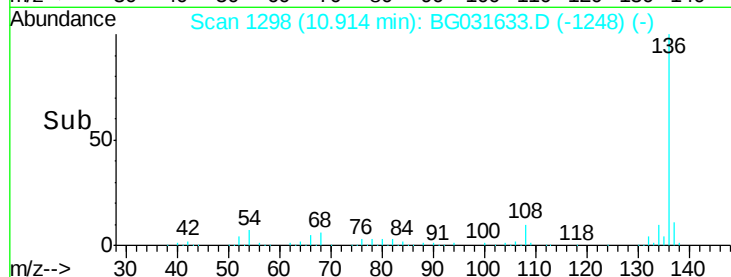
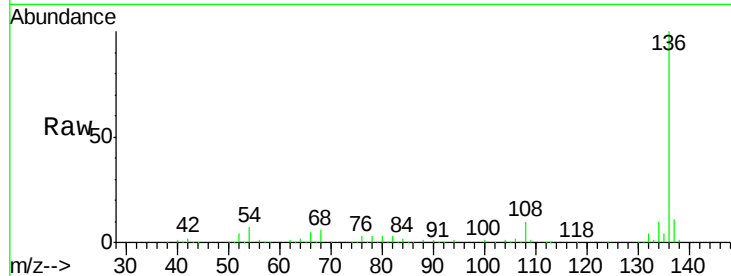




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

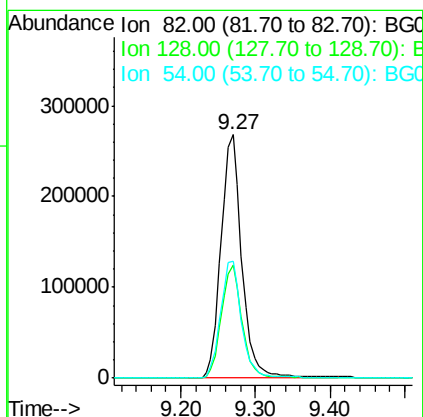
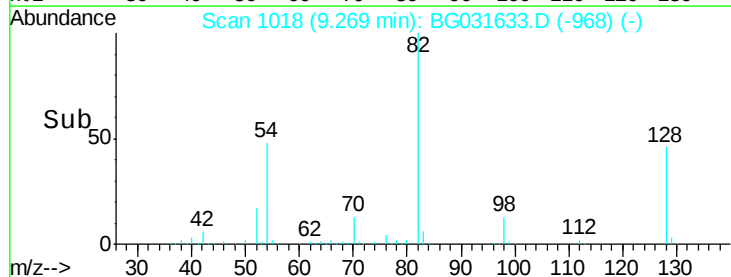
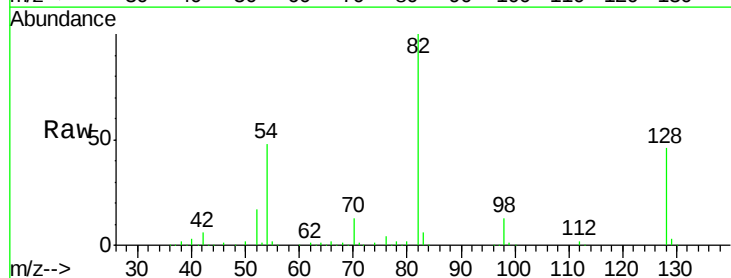
Instrument :
BNA_G
ClientSampleId :
121217-DBRI-E-U-B

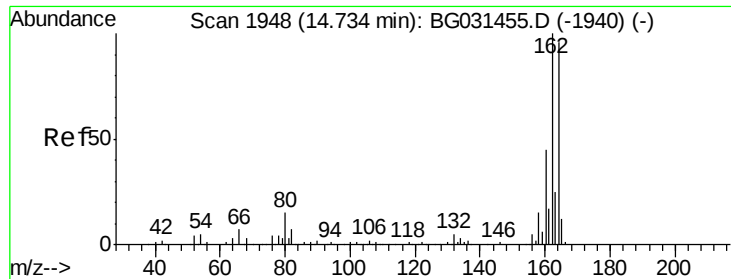
Tgt Ion:	136	Resp:	337317
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	7.2	10.3	15.5
68	5.8	4.5	6.7



#23
Nitrobenzene-d5
Concen: 95.371 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion:	82	Resp:	521932
Ion	Ratio	Lower	Upper
82	100		
128	46.2	29.7	44.5
54	48.2	43.1	64.7

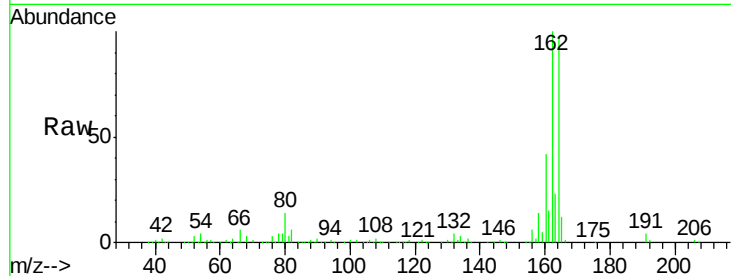




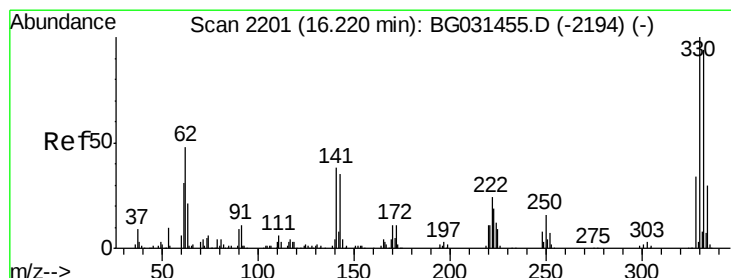
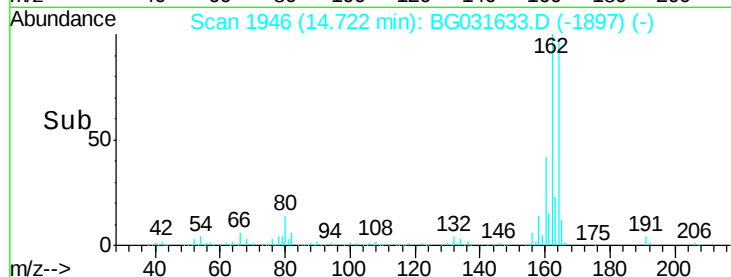
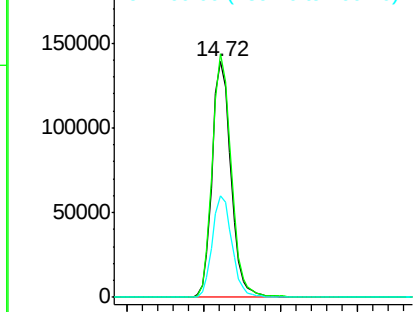
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Instrument :
BNA_G
ClientSampleId :
121217-DBRI-E-U-B

Tgt Ion:164 Resp: 233525
Ion Ratio Lower Upper
164 100
162 103.4 78.8 118.2
160 43.2 35.4 53.0

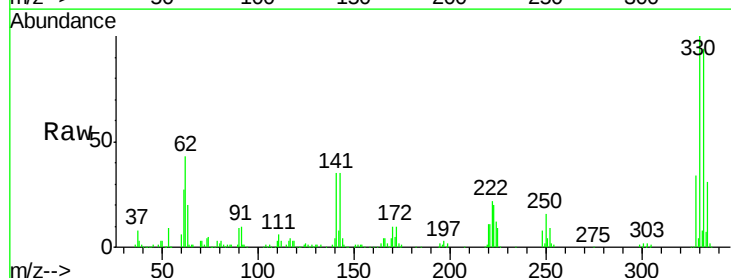


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

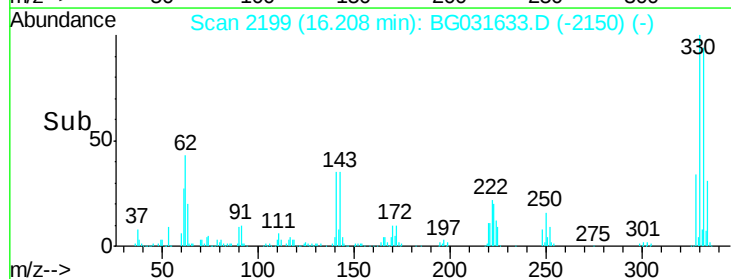
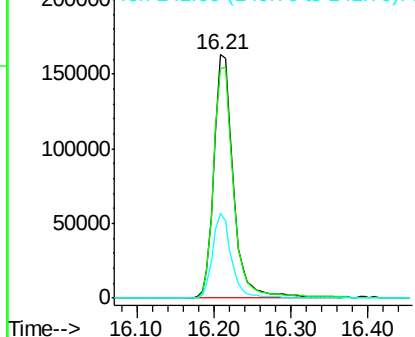


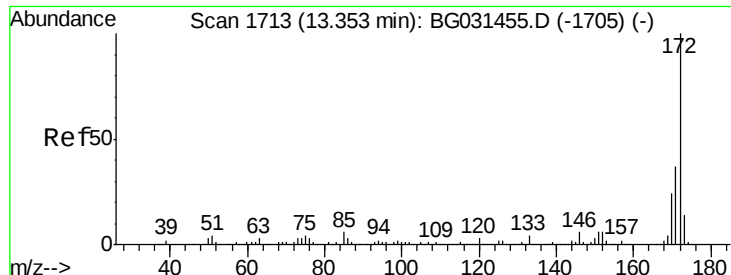
#41
2,4,6-Tribromophenol
Concen: 103.744 ng
RT: 16.21 min Scan# 2199
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion:330 Resp: 283827
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 33.6 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

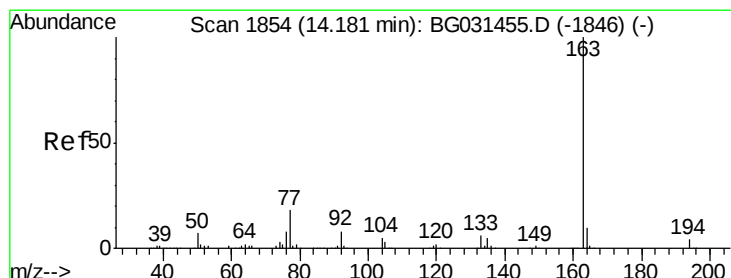
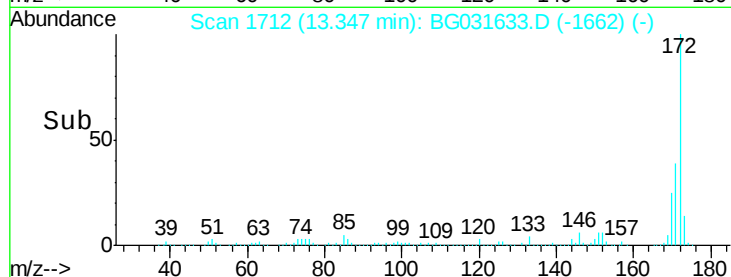
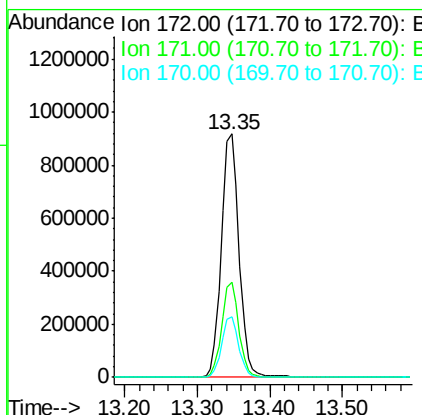
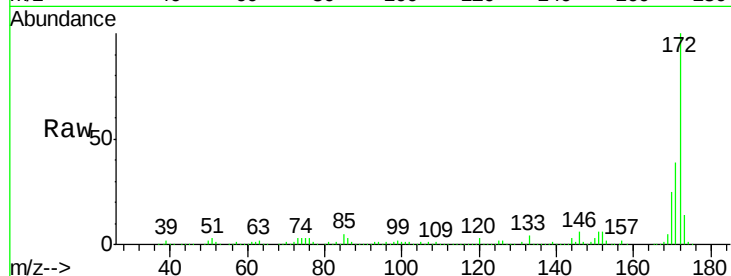




#44
 2-Fluorobiphenyl
 Concen: 98.297 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.01 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

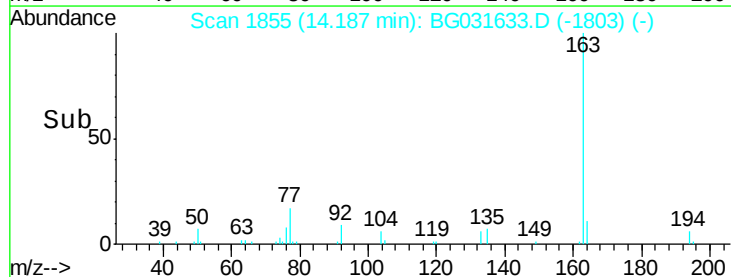
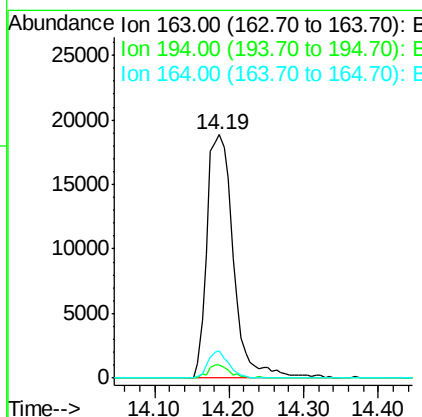
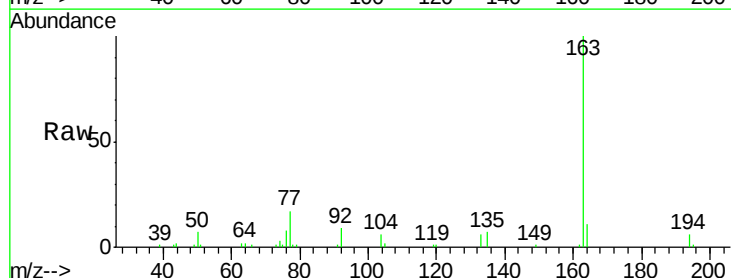
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 121217-DBRI-E-U-B

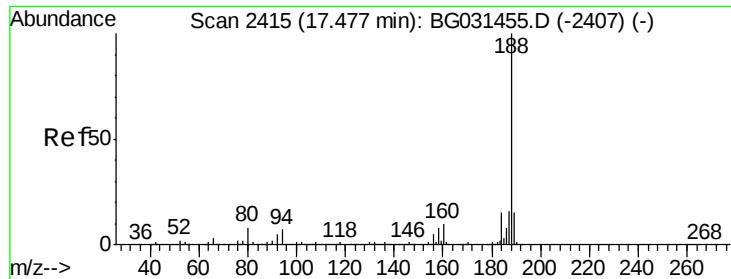
Tgt Ion:172 Resp: 1563825
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 24.7 19.5 29.3



#49
 Dimethylphthalate
 Concen: 2.411 ng
 RT: 14.19 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: BG031633.D
 Acq: 18 Dec 2017 14:03

Tgt Ion:163 Resp: 46612
 Ion Ratio Lower Upper
 163 100
 194 5.6 3.4 5.2#
 164 11.1 8.2 12.4

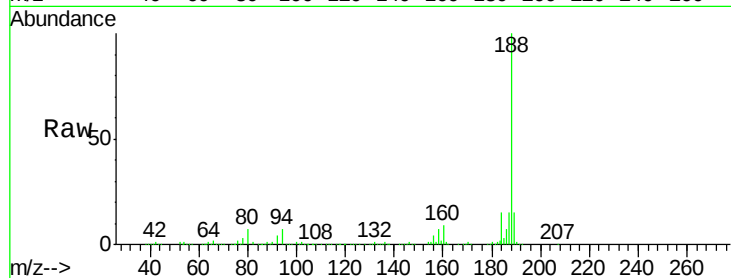




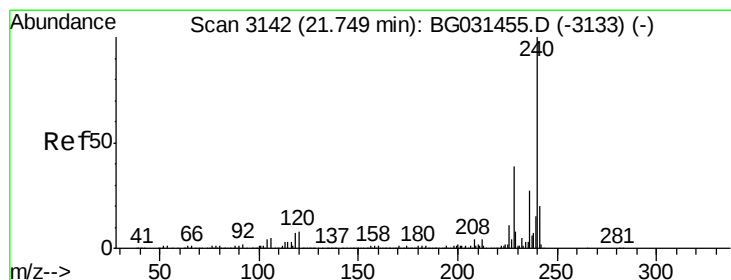
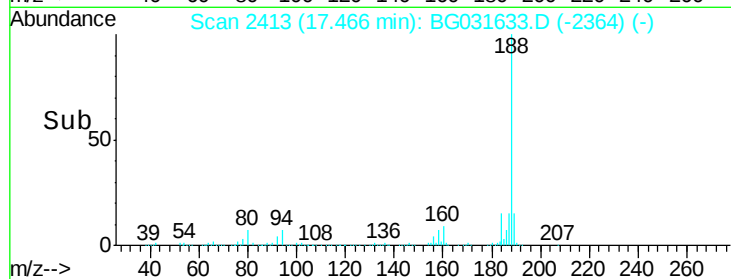
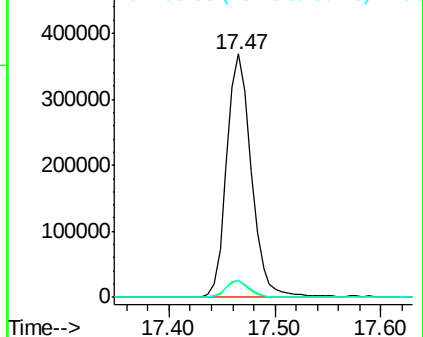
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Instrument :
BNA_G
ClientSampleId :
121217-DBRI-E-U-B

Tgt Ion:188 Resp: 596565
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.1 7.7 11.5#

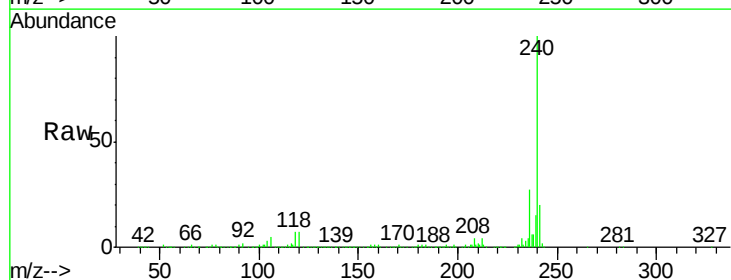


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

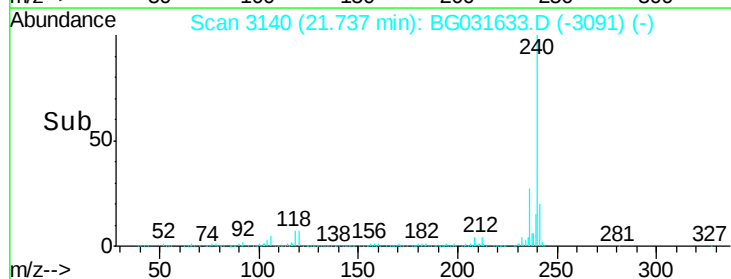
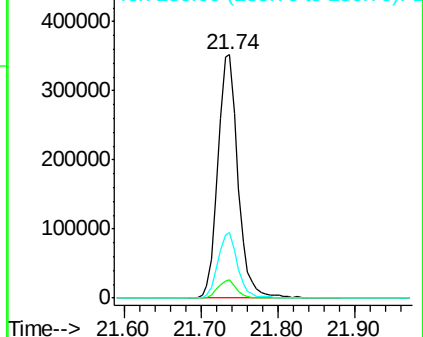


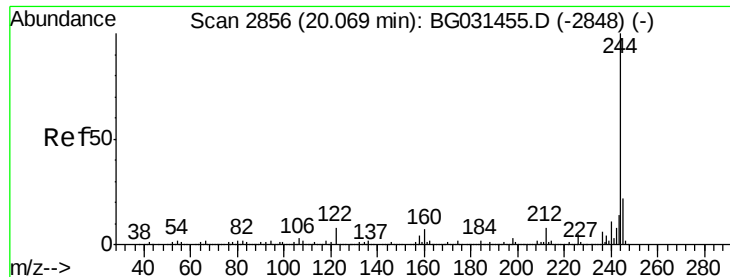
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.74 min Scan# 3140
Delta R.T. -0.01 min
Lab File: BG031633.D
Acq: 18 Dec 2017 14:03

Tgt Ion:240 Resp: 634578
Ion Ratio Lower Upper
240 100
120 7.3 6.8 10.2
236 26.9 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: 89.792 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

Instrument :

BNA_G

ClientSampleId :

121217-DBRI-E-U-B

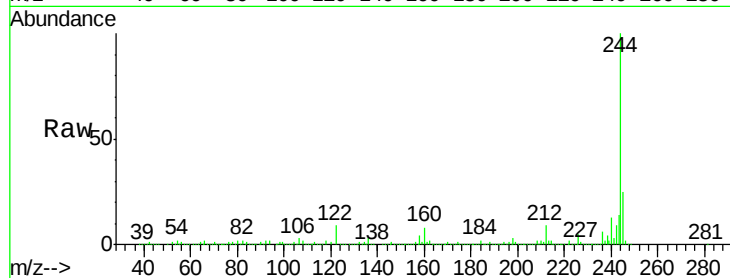
Tgt Ion:244 Resp: 2504427

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

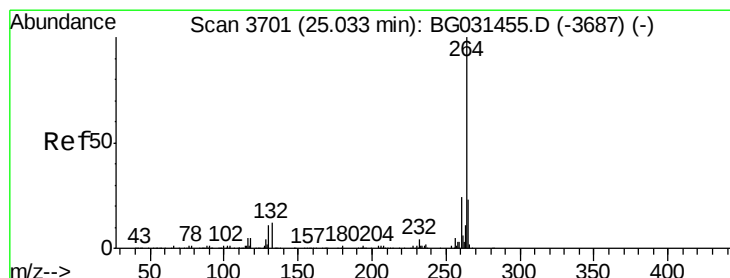
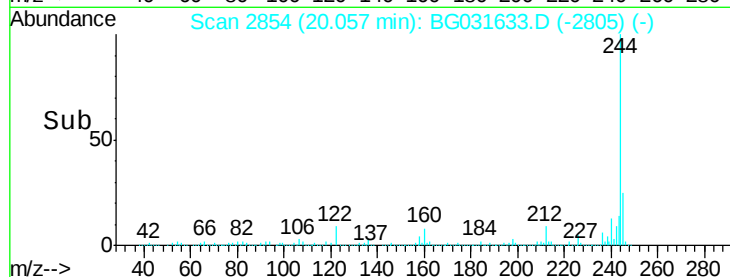
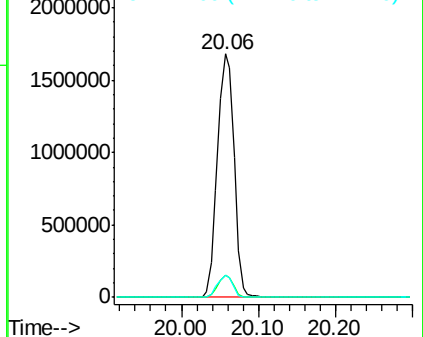
122 8.9 7.0 10.4



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031633.D

Acq: 18 Dec 2017 14:03

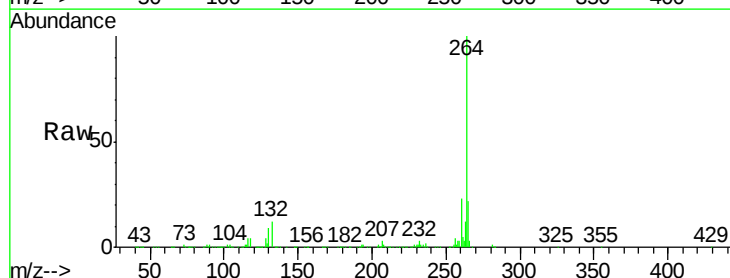
Tgt Ion:264 Resp: 545314

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 21.8 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

