

Data Path : U:\HPCHEM1\BNA G\DATA\BG012618\
 Data File : BG032341.D
 Acq On : 26 Jan 2018 23:07
 Operator : SJ/JU
 Sample : J1288-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-121-2(20-22)

Quant Time: Jan 27 00:27:08 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

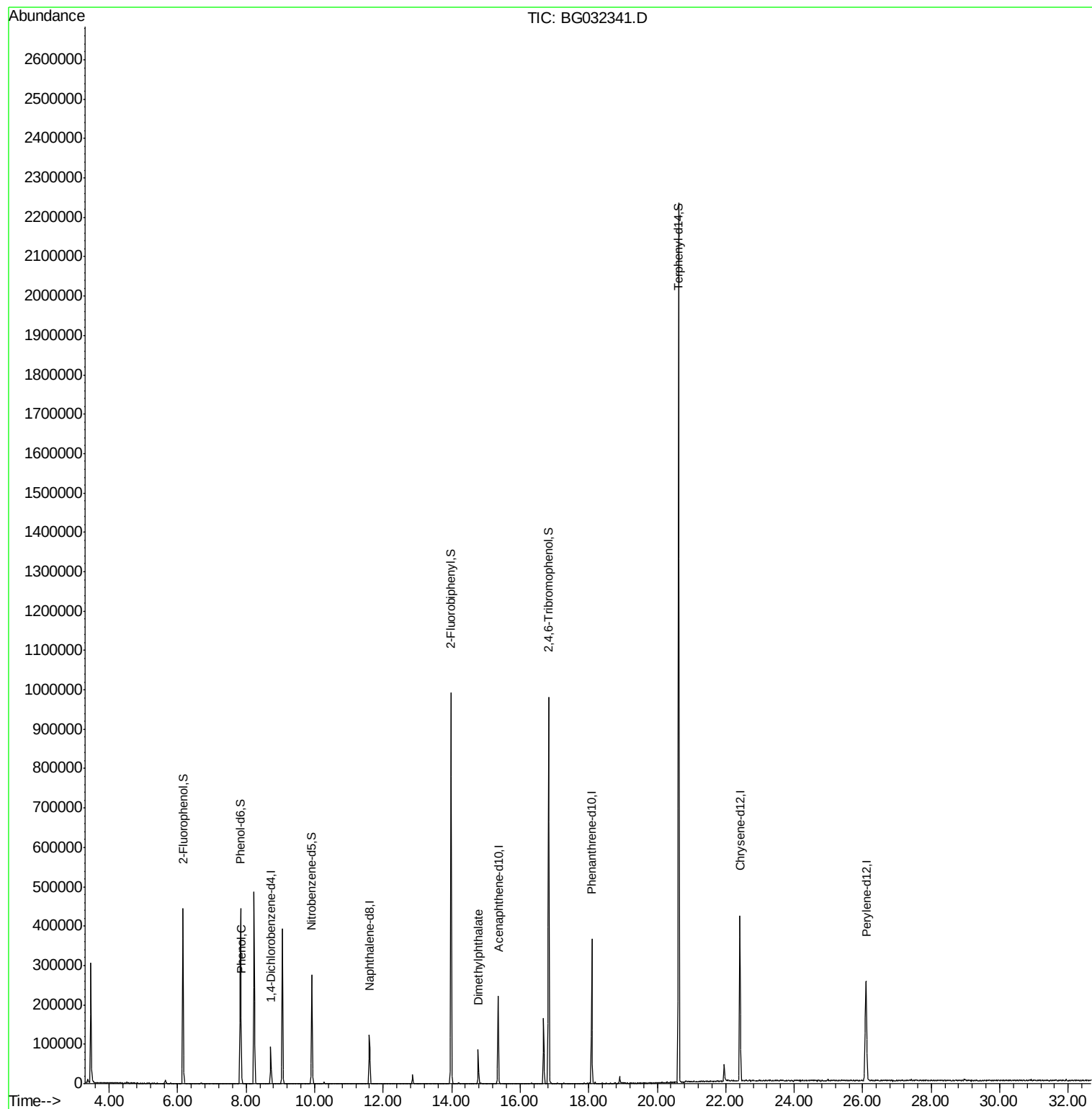
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	30732	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	117118	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	86033	20.00	ng	-0.01
63) Phenanthrene-d10	18.09	188	250361	20.00	ng	0.00
75) Chrysene-d12	22.41	240	322657	20.00	ng	-0.01
86) Perylene-d12	26.09	264	345003	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	217046	129.17	ng	0.00
7) Phenol-d6	7.83	99	267085	126.21	ng	0.00
23) Nitrobenzene-d5	9.92	82	168854	97.54	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	223988	157.33	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	587295	84.64	ng	0.00
78) Terphenyl-d14	20.62	244	1226255	83.92	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	10063	4.827	ng	Qvalue # 67
49) Dimethylphthalate	14.78	163	65905	8.754	ng	96

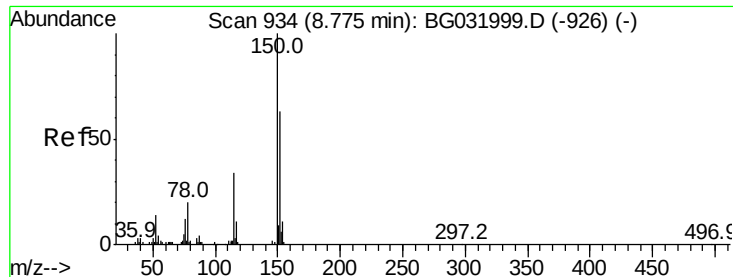
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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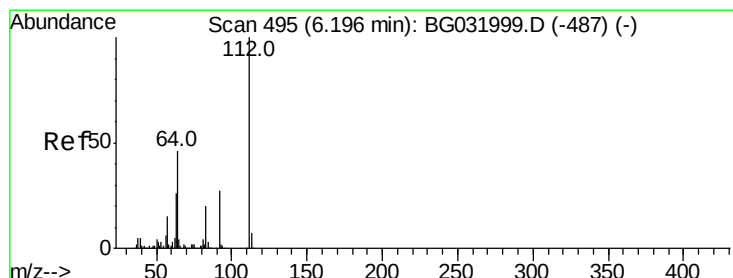
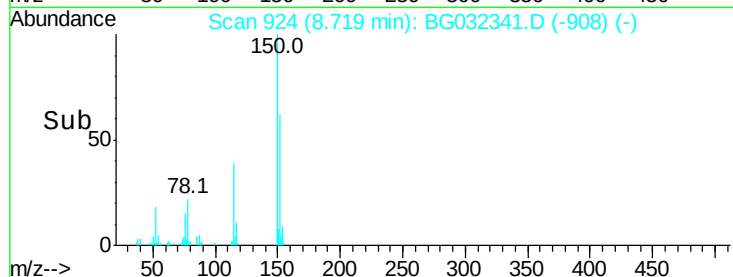
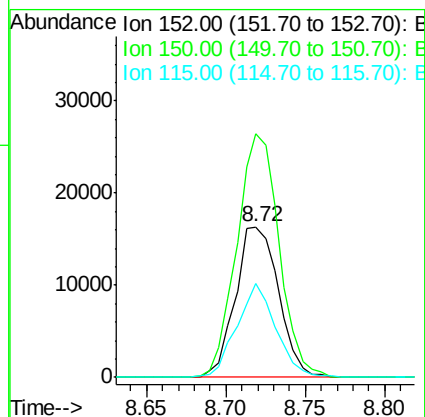
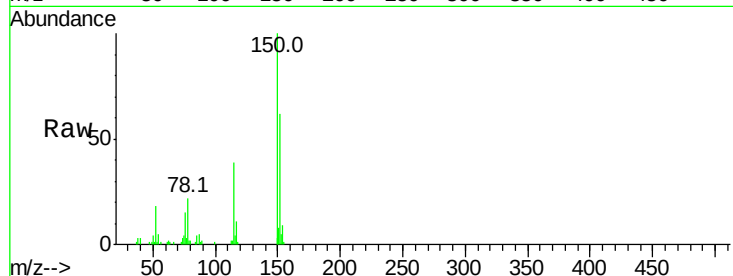


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 924
Delta R.T. -0.00 min
Lab File: BG032341.D
Acq: 26 Jan 2018 23:07

Instrument :
BNA_G
ClientSampleId :
EPE-121-2(20-22)

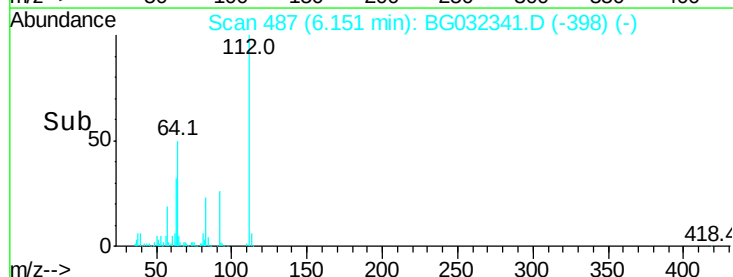
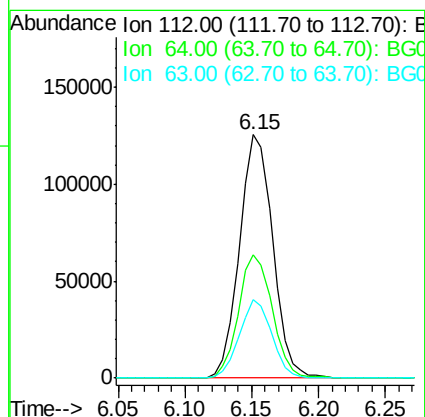
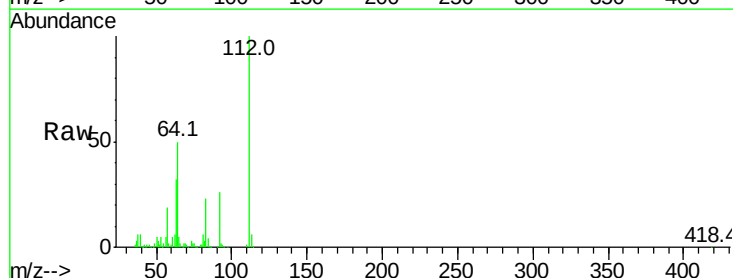
Tot Ion:152 Resp: 30732
Ion Ratio Lower Upper
152 100
150 161.8 126.6 189.8
115 62.8 53.0 79.4

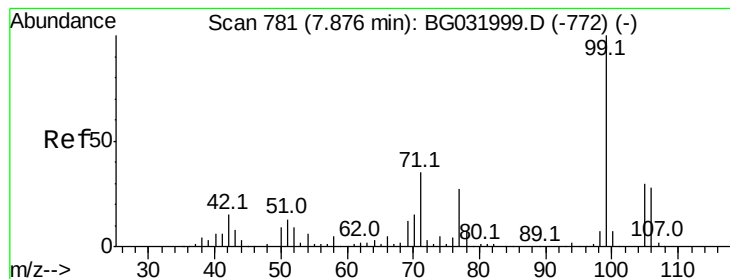


#5

2-Fluorophenol
Concen: 129.169 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032341.D
Acq: 26 Jan 2018 23:07

Tgt Ion:112 Resp: 217046
Ion Ratio Lower Upper
112 100
64 50.5 56.3 84.5#
63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 126.206 ng

RT: 7.83 min Scan# 773

Delta R.T. -0.00 min

Lab File: BG032341.D

Acq: 26 Jan 2018 23:07

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(20-22)

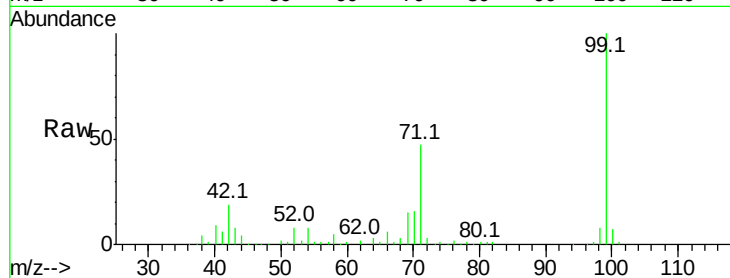
Tot Ion: 99 Resp: 267085

Ion Ratio Lower Upper

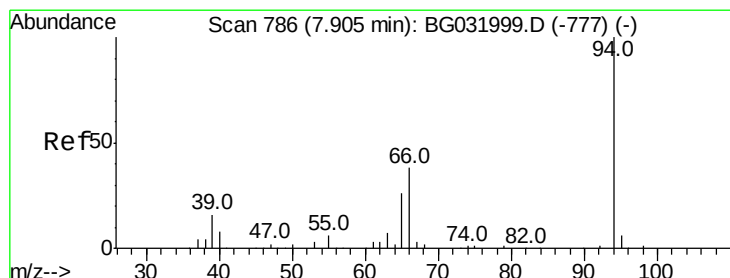
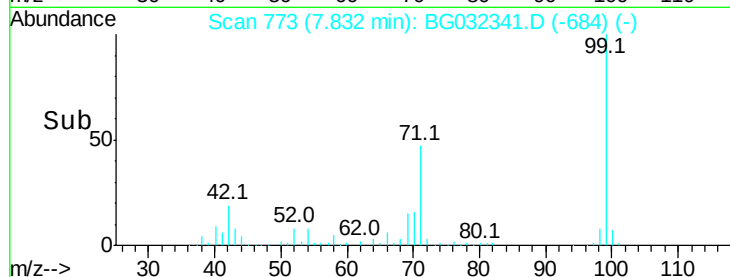
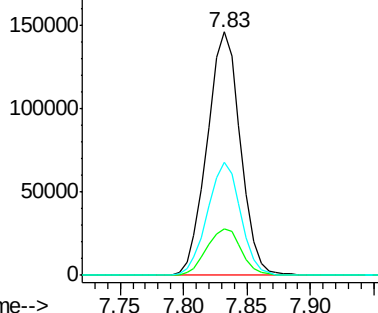
99 100

42 19.3 14.1 21.1

71 46.5 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: 4.827 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032341.D

Acq: 26 Jan 2018 23:07

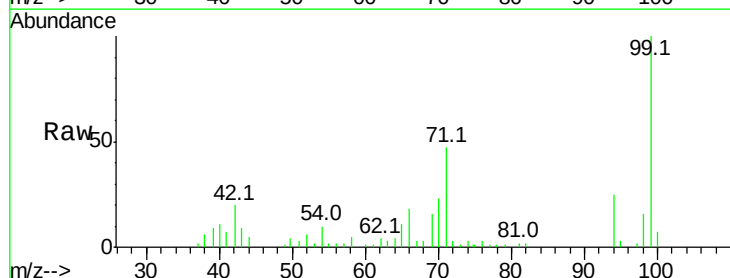
Tgt Ion: 94 Resp: 10063

Ion Ratio Lower Upper

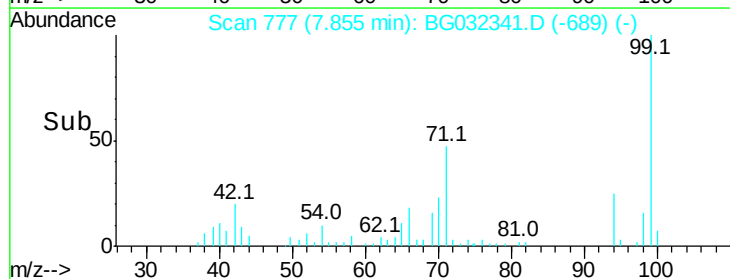
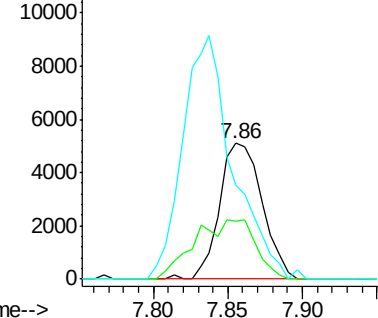
94 100

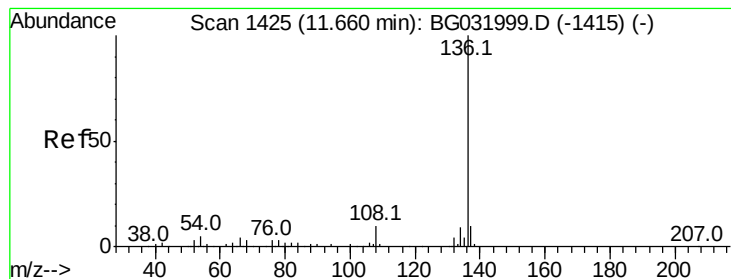
65 42.4 11.9 51.9

66 69.7 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: 11.60 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BG032341.D

Acq: 26 Jan 2018 23:07

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(20-22)

Tot Ion:136 Resp: 117118

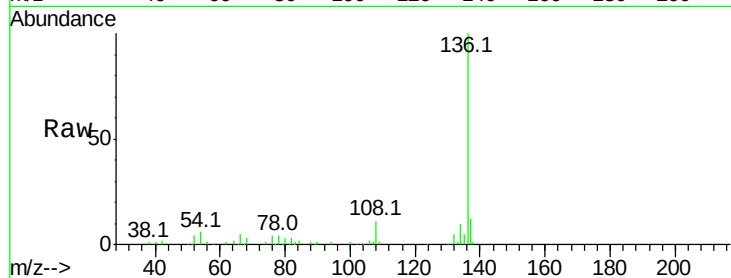
Ion Ratio Lower Upper

136 100

137 12.0 9.2 13.8

54 6.0 10.3 15.5#

68 2.7 4.5 6.7#

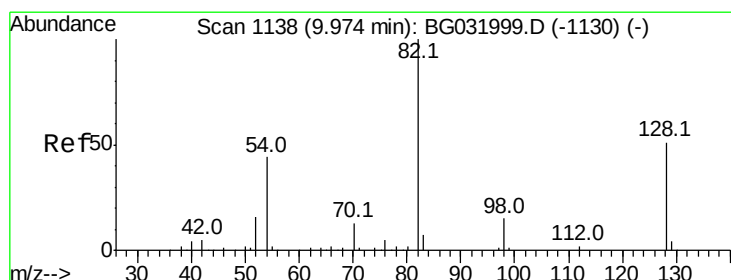
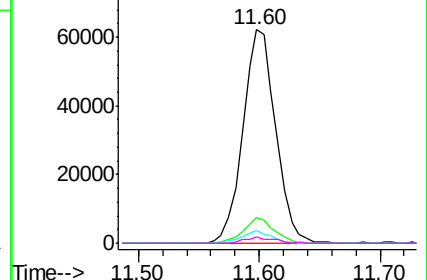
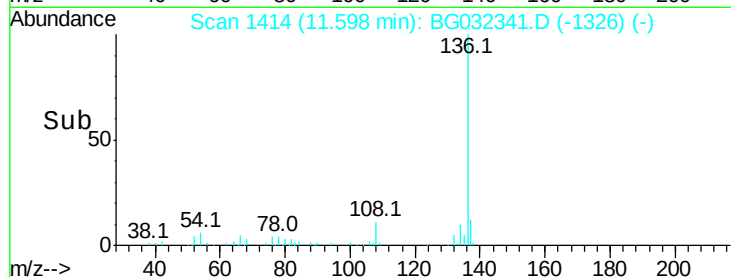


Abundance Ion 136.00 (135.70 to 136.70): E

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: 97.540 ng

RT: 9.92 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BG032341.D

Acq: 26 Jan 2018 23:07

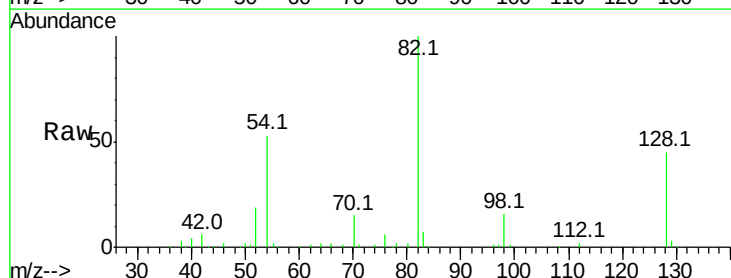
Tgt Ion: 82 Resp: 168854

Ion Ratio Lower Upper

82 100

128 45.1 29.7 44.5#

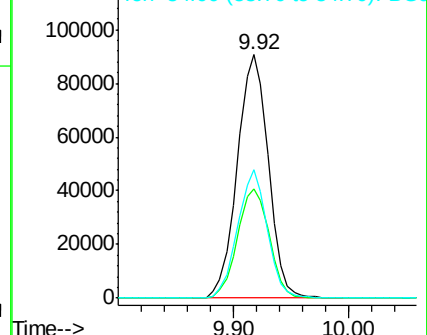
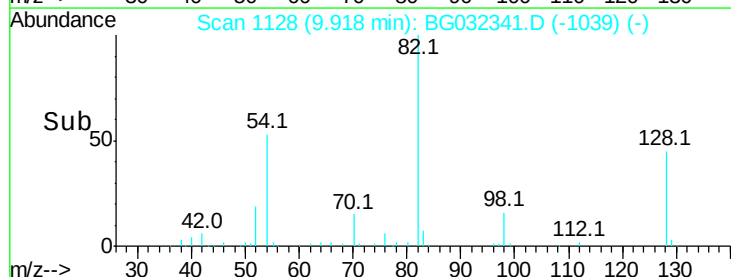
54 52.8 43.1 64.7

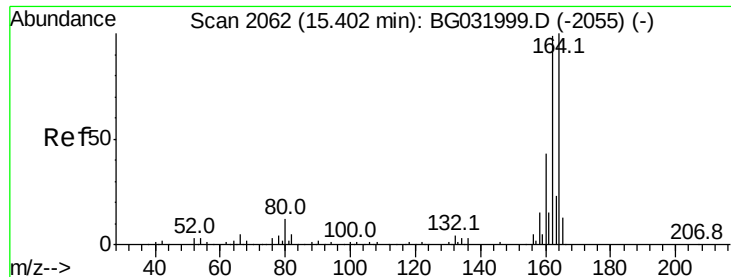


Abundance Ion 82.00 (81.70 to 82.70): BGC

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: BG032341.D

Acq: 26 Jan 2018 23:07

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(20-22)

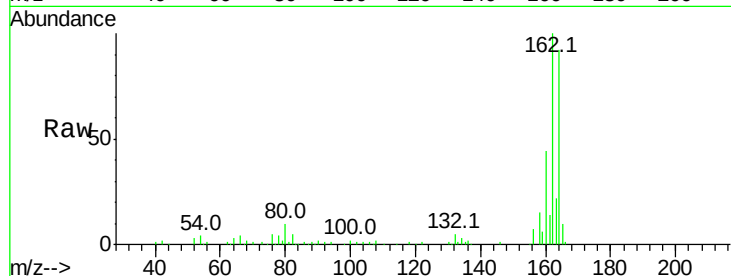
Tot Ion:164 Resp: 86033

Ion Ratio Lower Upper

164 100

162 108.3 78.8 118.2

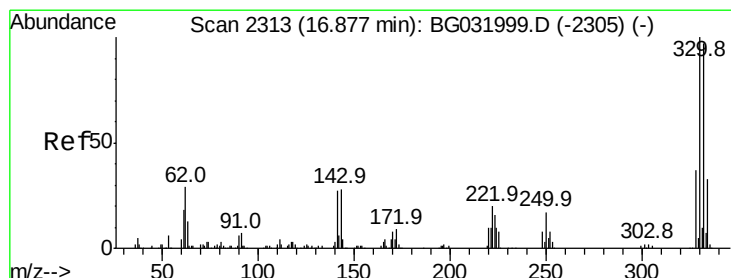
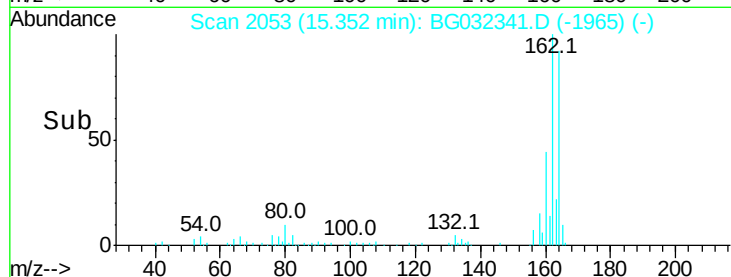
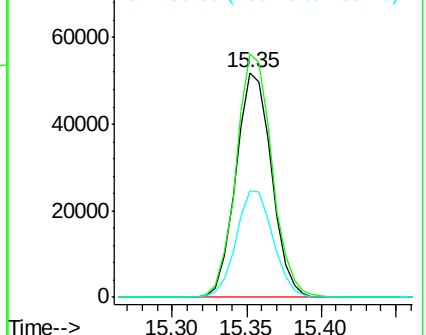
160 47.2 35.4 53.0



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: 157.334 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032341.D

Acq: 26 Jan 2018 23:07

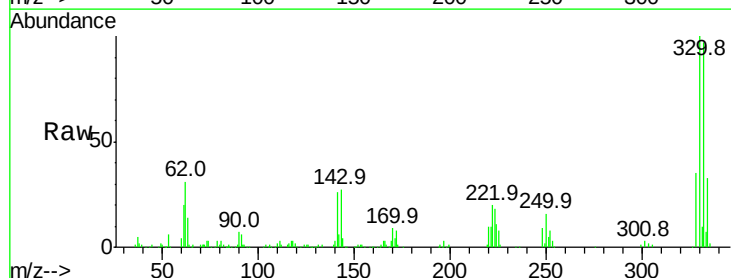
Tgt Ion:330 Resp: 223988

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

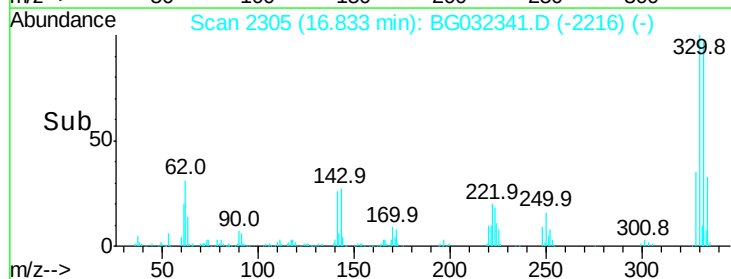
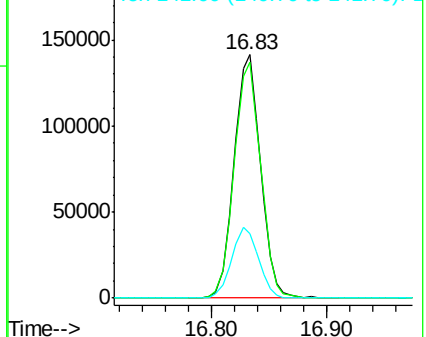
141 29.3 25.2 37.8

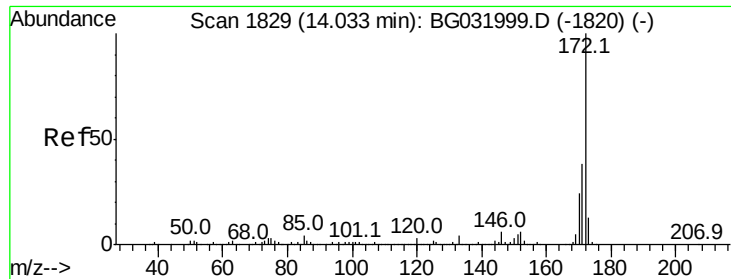


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

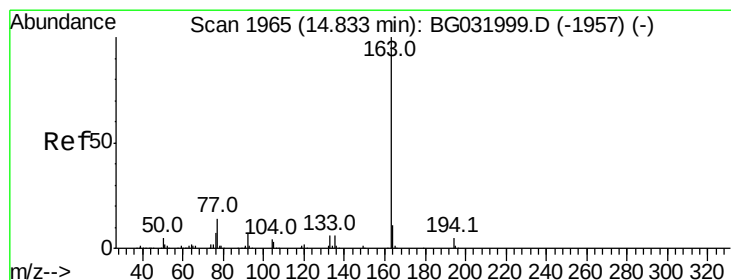
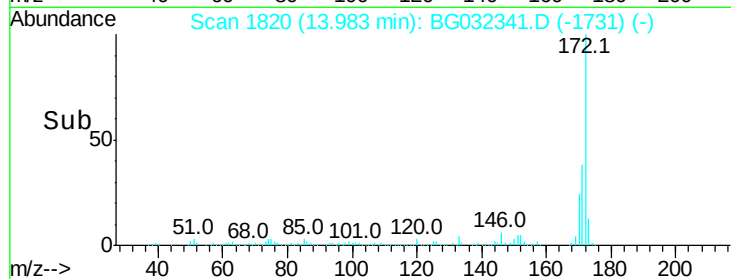
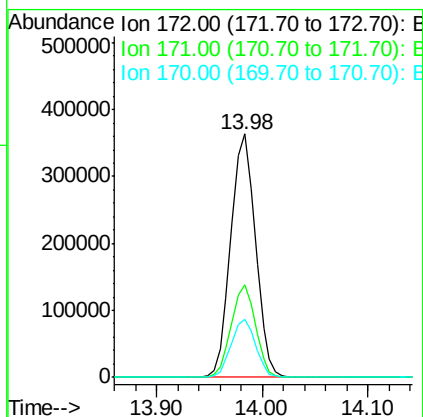
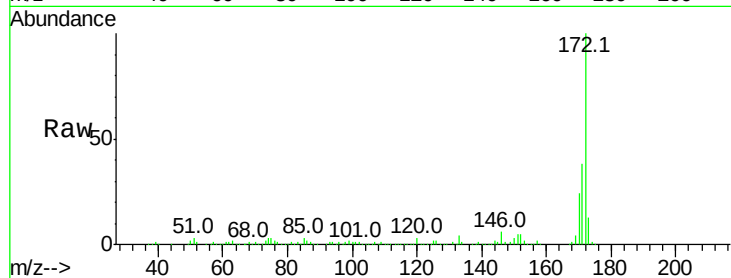




#44
2-Fluorobiphenyl
Concen: 84.644 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032341.D
Acq: 26 Jan 2018 23:07

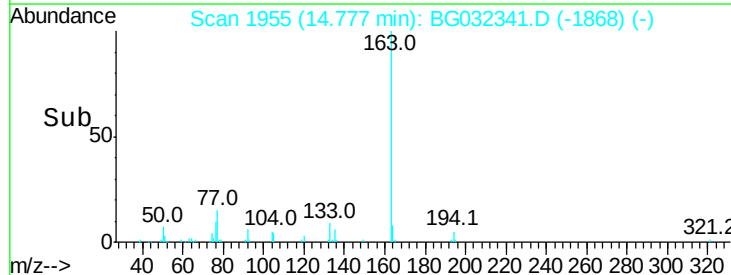
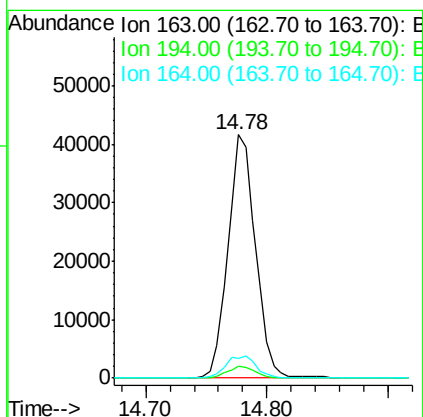
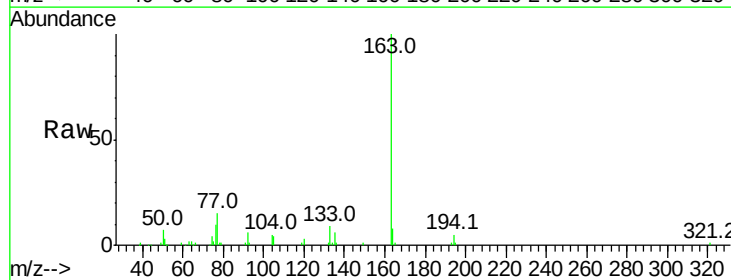
Instrument :
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EPE-121-2(20-22)

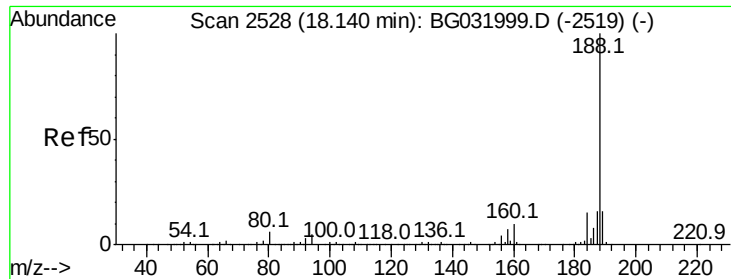
Tot Ion:172 Resp: 587295
Ion Ratio Lower Upper
172 100
171 38.1 30.0 45.0
170 23.6 19.5 29.3



#49
Dimethylphthalate
Concen: 8.754 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BG032341.D
Acq: 26 Jan 2018 23:07

Tgt Ion:163 Resp: 65905
Ion Ratio Lower Upper
163 100
194 4.8 3.4 5.2
164 8.3 8.2 12.4

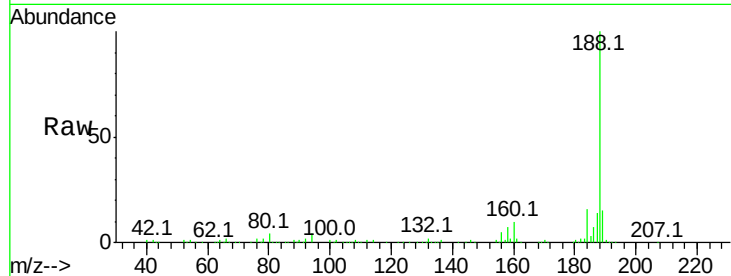




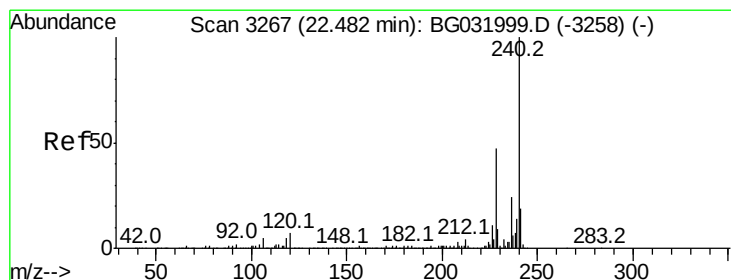
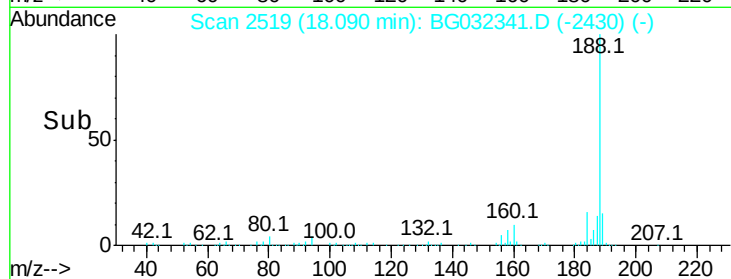
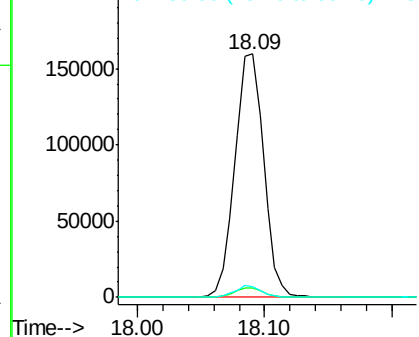
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. -0.00 min
Lab File: BG032341.D
Acq: 26 Jan 2018 23:07

Instrument :
BNA_G
ClientSampleId :
EPE-121-2(20-22)

Tot Ion:188 Resp: 250361
Ion Ratio Lower Upper
188 100
94 3.8 6.9 10.3#
80 4.1 7.7 11.5#

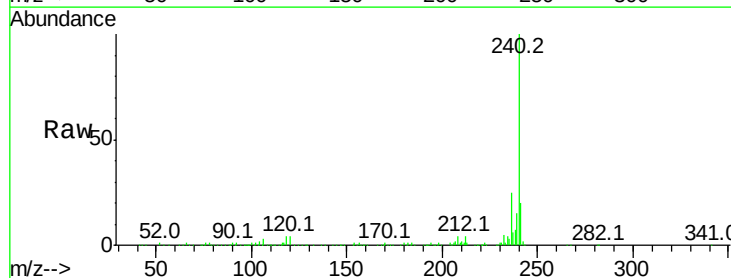


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

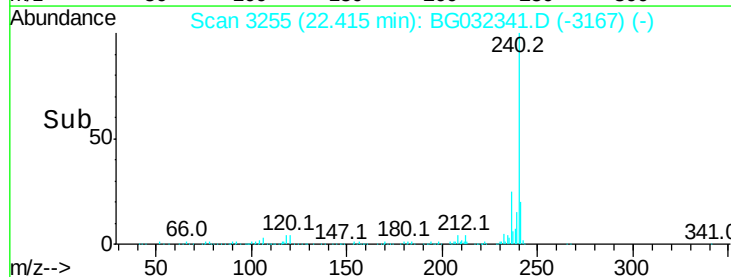
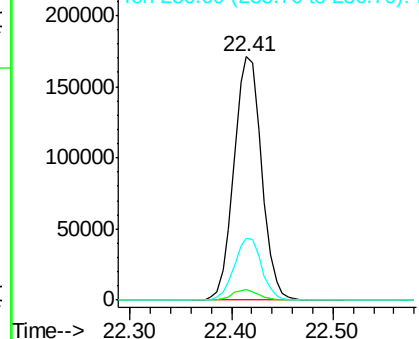


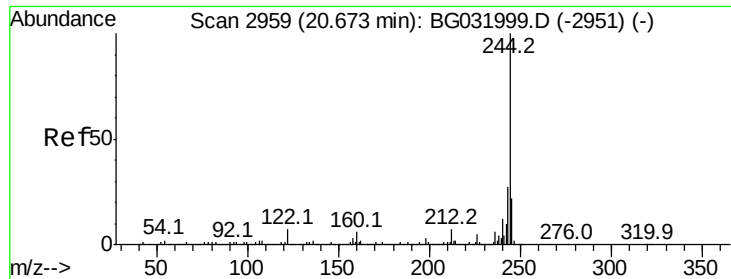
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3255
Delta R.T. -0.01 min
Lab File: BG032341.D
Acq: 26 Jan 2018 23:07

Tgt Ion:240 Resp: 322657
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 25.3 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: 83.917 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.01 min

Lab File: BG032341.D

Acq: 26 Jan 2018 23:07

Instrument :

BNA_G

ClientSampleId :

EPE-121-2(20-22)

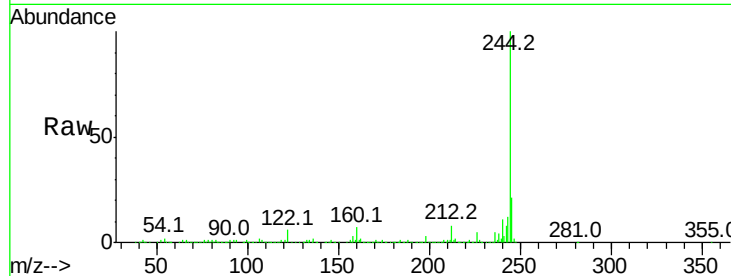
Tot Ion:244 Resp: 1226255

Ion Ratio Lower Upper

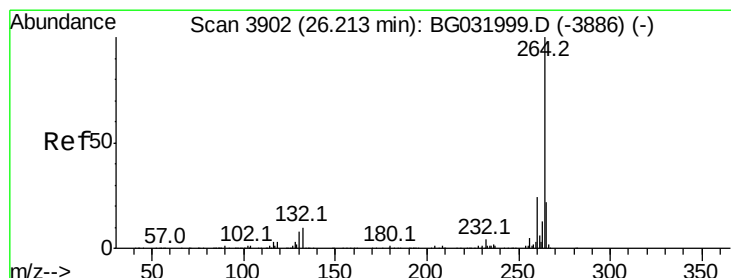
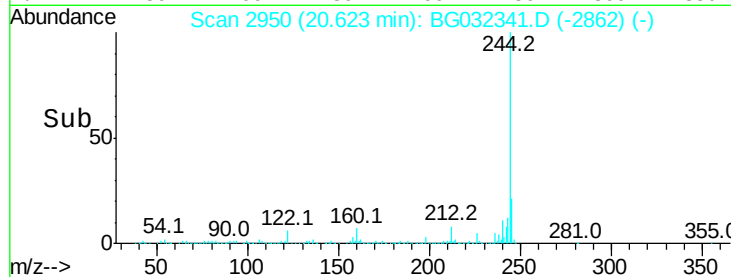
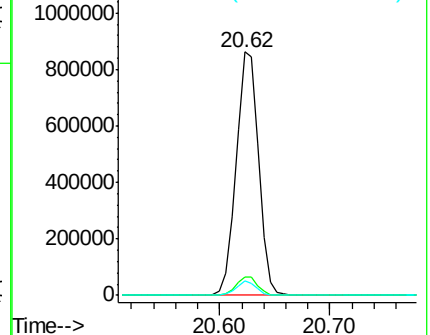
244 100

212 7.7 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: BG032341.D

Acq: 26 Jan 2018 23:07

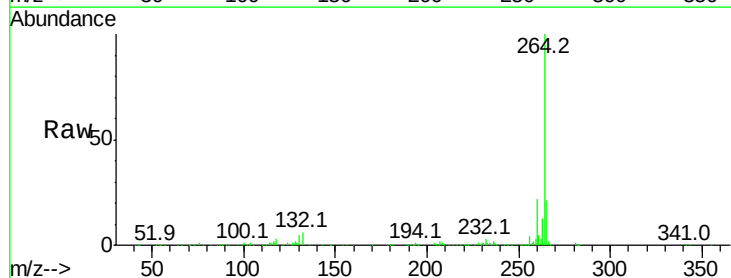
Tgt Ion:264 Resp: 345003

Ion Ratio Lower Upper

264 100

260 22.4 17.4 26.0

265 21.4 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

