

Data File : BG030623.D
Acq On : 31 Oct 2017 21:58
Operator : SJ/JU
Sample : I6178-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

Quant Time: Nov 01 06:30:23 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	8.16	152	70547	20.00	ng	-0.01
21) Naphthalene-d8	10.97	136	333001	20.00	ng	-0.02
38) Acenaphthene-d10	14.78	164	229107	20.00	ng	-0.02
63) Phenanthrene-d10	17.51	188	514742	20.00	ng	-0.02
75) Chrysene-d12	21.79	240	546641	20.00	ng	-0.02
86) Perylene-d12	25.09	264	543085	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	394705	93.47	ng	0.00
7) Phenol-d6	7.31	99	558736	94.26	ng	-0.01
23) Nitrobenzene-d5	9.32	82	324539	61.93	ng	-0.02
41) 2,4,6-Tribromophenol	16.26	330	275487	93.13	ng	-0.02
44) 2-Fluorobiphenyl	13.40	172	912343	58.40	ng	-0.02
78) Terphenyl-d14	20.10	244	1317848	54.84	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	41780	6.54	ng	94
49) Dimethylphthalate	14.22	163	229668	12.85	ng	99

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

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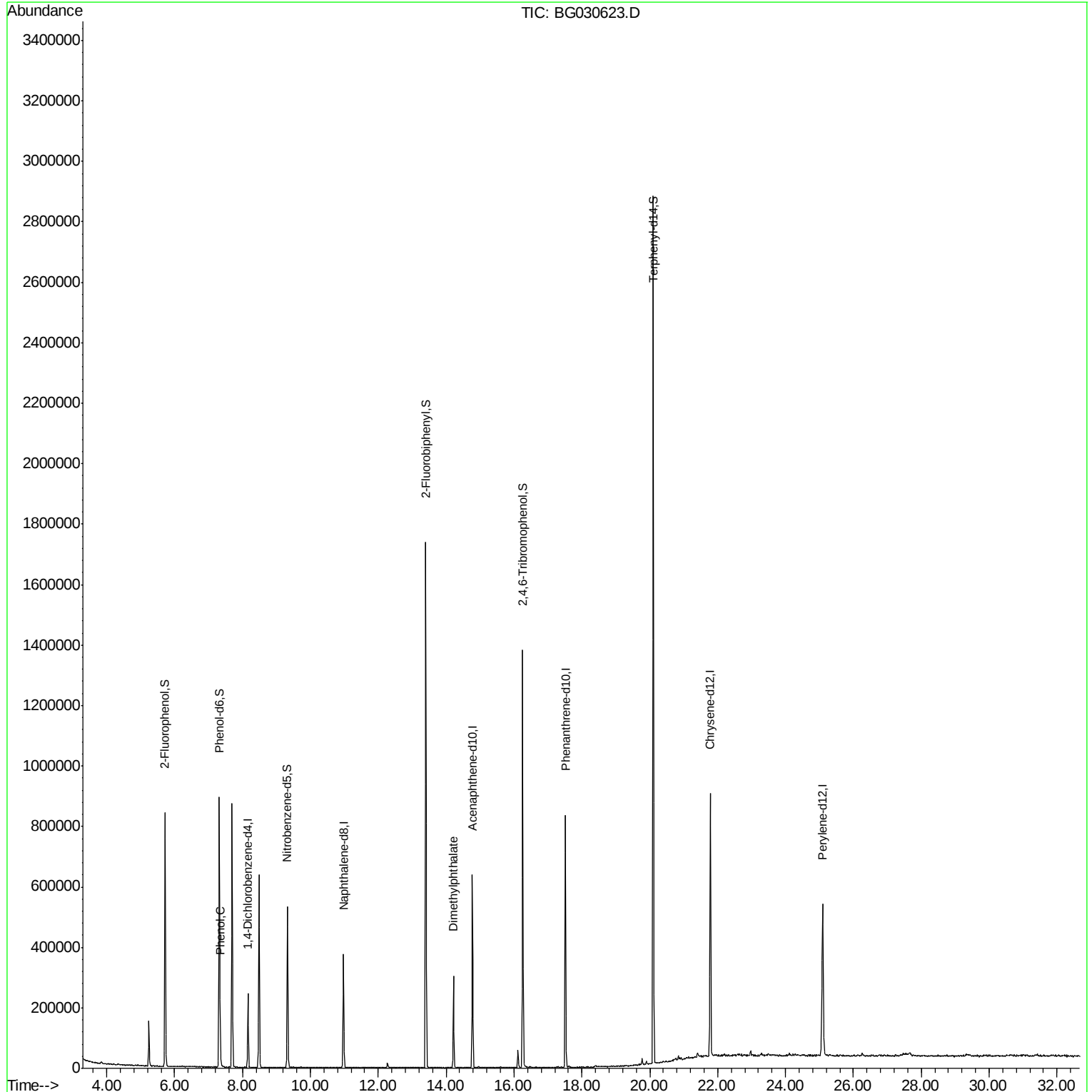
Quant Time: Nov 01 06:30:23 2017

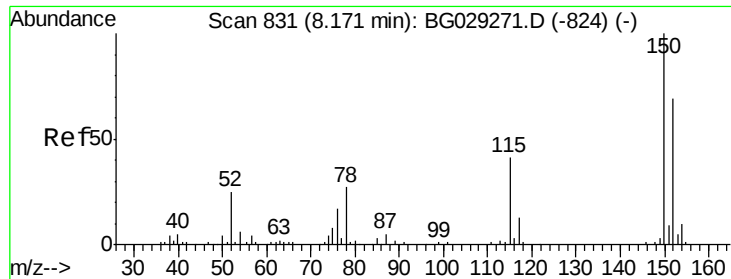
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101617.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Oct 16 17:32:15 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 829

Delta R.T. -0.01 min

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Instrument :

BNA_G

ClientSampleId :

EPE-120-3(10-12)

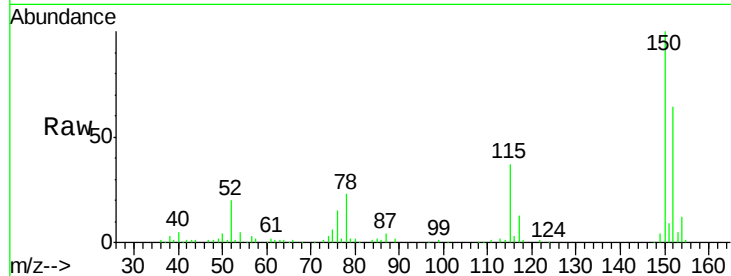
Tgt Ion:152 Resp: 70547

Ion Ratio Lower Upper

152 100

150 155.4 126.6 189.8

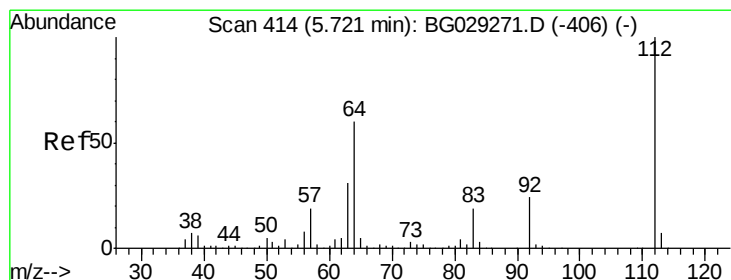
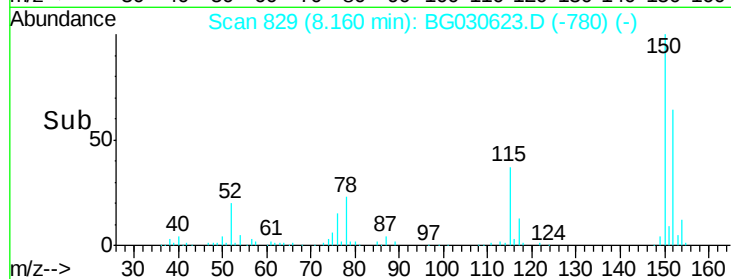
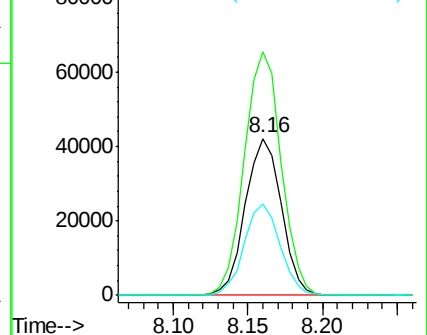
115 58.0 53.0 79.4



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: 93.47 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

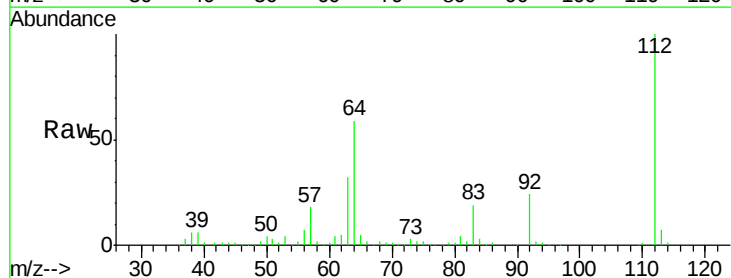
Tgt Ion:112 Resp: 394705

Ion Ratio Lower Upper

112 100

64 59.1 56.3 84.5

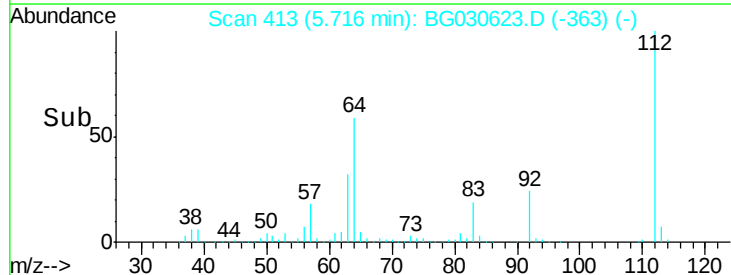
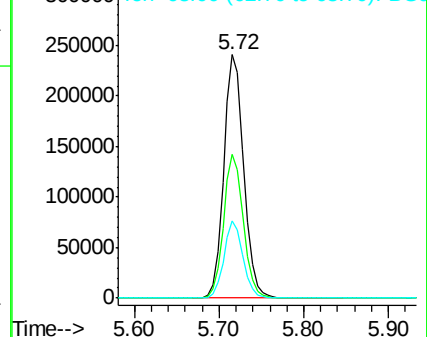
63 31.7 30.1 45.1

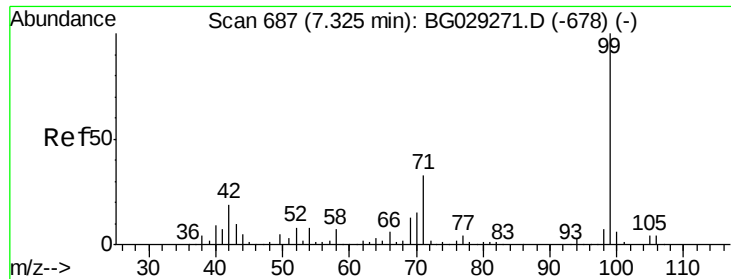


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 94.26 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(10-12)

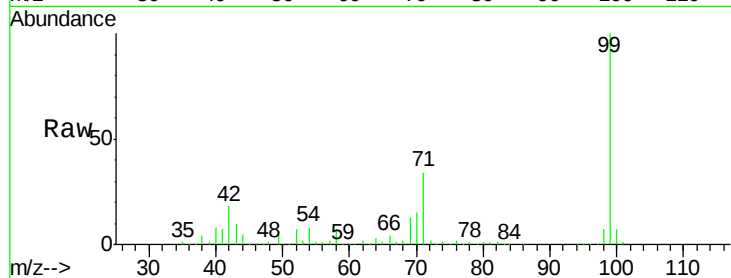
Tgt Ion: 99 Resp: 558736

Ion Ratio Lower Upper

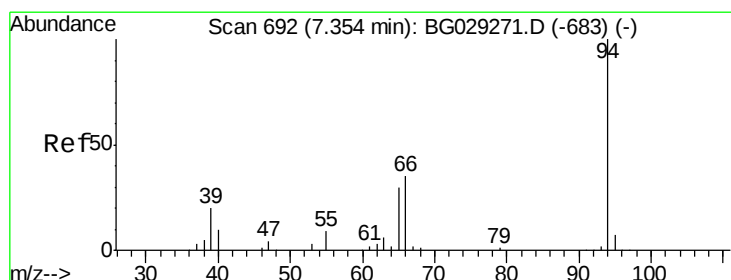
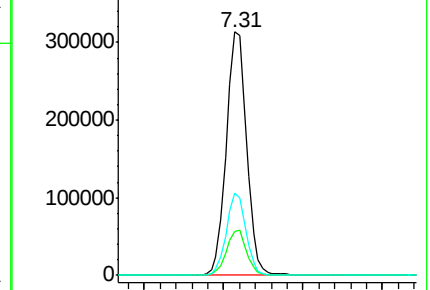
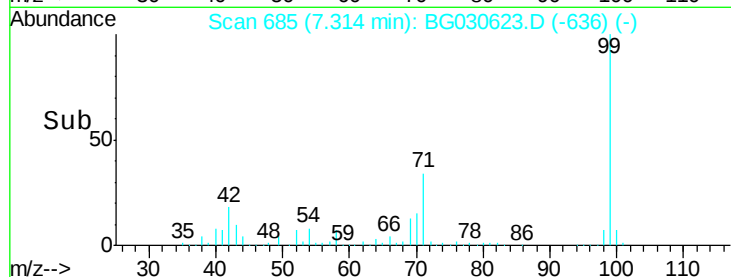
99 100

42 18.2 14.1 21.1

71 33.8 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: 6.54 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

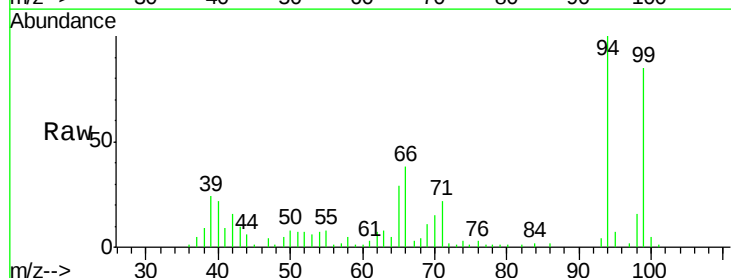
Tgt Ion: 94 Resp: 41780

Ion Ratio Lower Upper

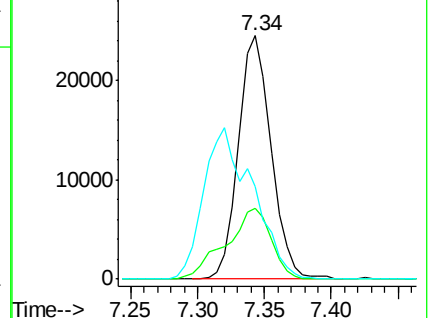
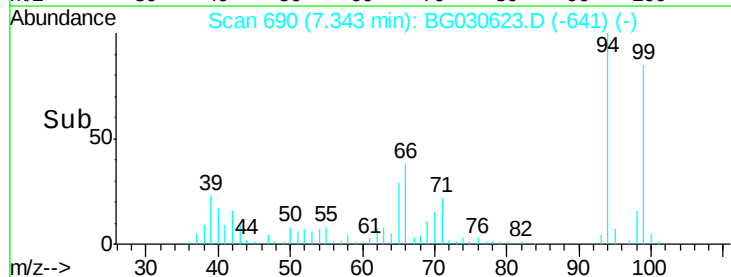
94 100

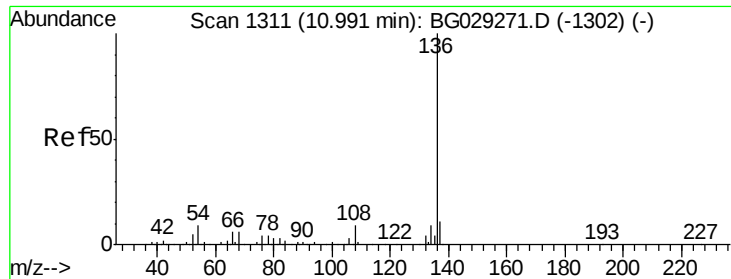
65 28.9 11.9 51.9

66 37.8 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

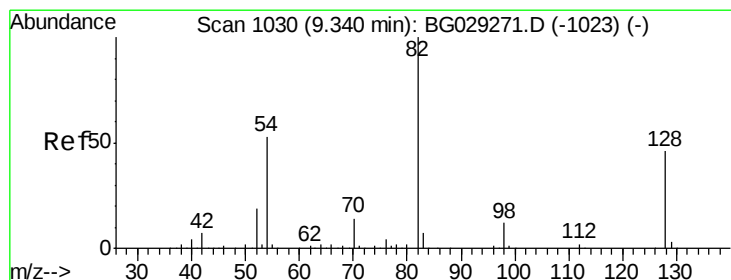
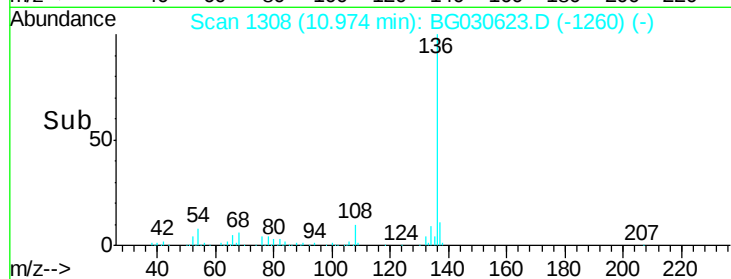
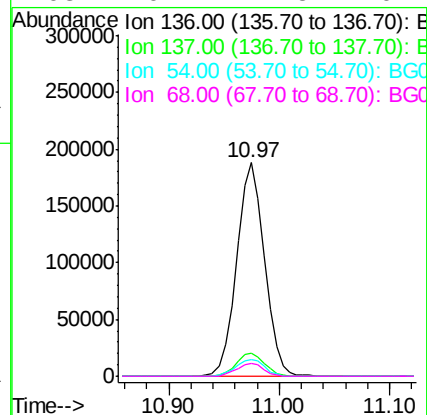
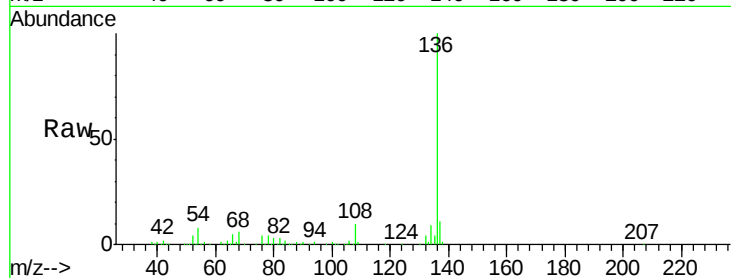




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.97 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

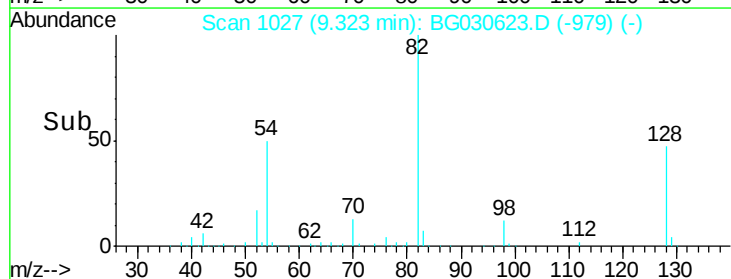
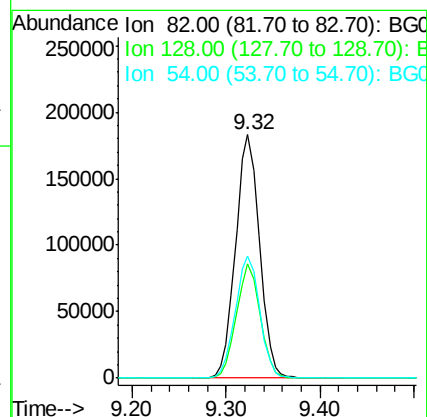
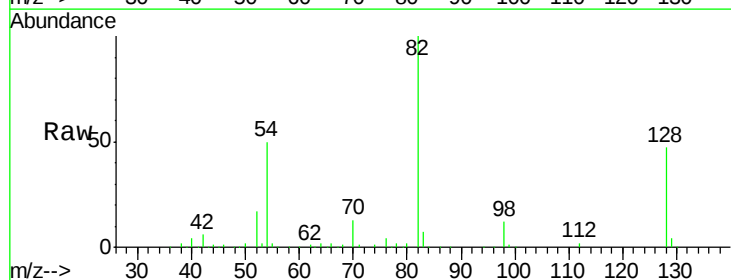
Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

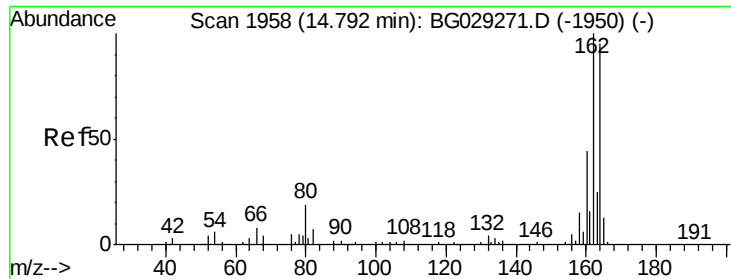
Tgt Ion:	136	Resp:	333001
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.0	10.3	15.5#
68	6.2	4.5	6.7



#23
Nitrobenzene-d5
Concen: 61.93 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion:	82	Resp:	324539
Ion	Ratio	Lower	Upper
82	100		
128	46.9	29.7	44.5#
54	50.0	43.1	64.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.78 min Scan# 1955

Delta R.T. -0.02 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(10-12)

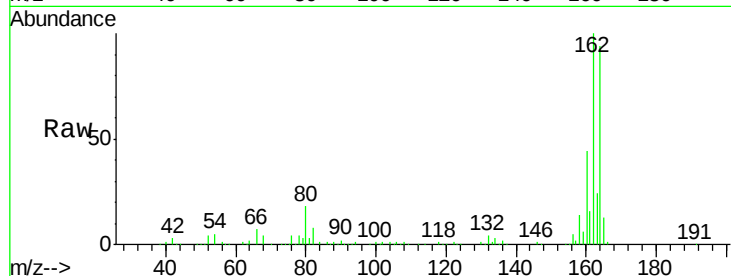
Tgt Ion:164 Resp: 229107

Ion Ratio Lower Upper

164 100

162 106.2 78.8 118.2

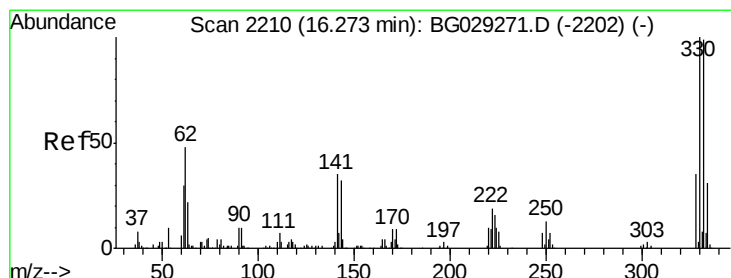
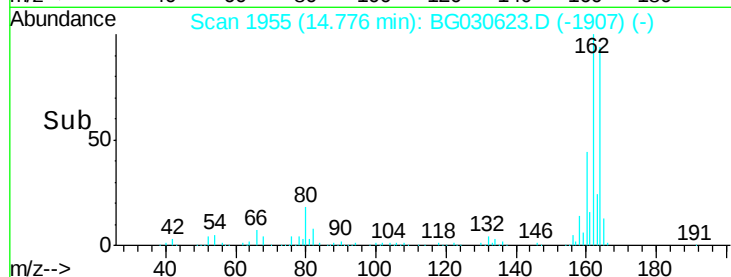
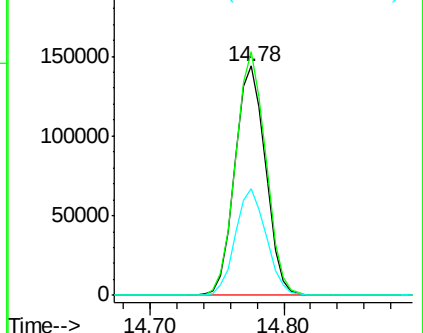
160 46.5 35.4 53.0



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: 93.13 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.02 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

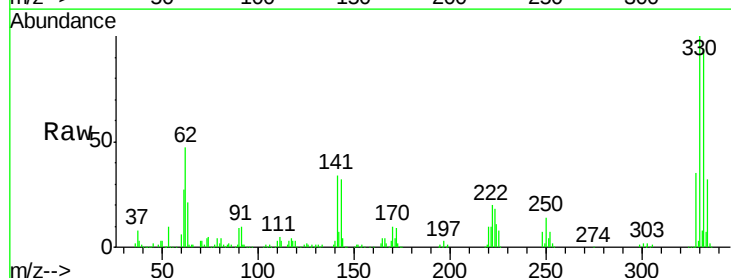
Tgt Ion:330 Resp: 275487

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

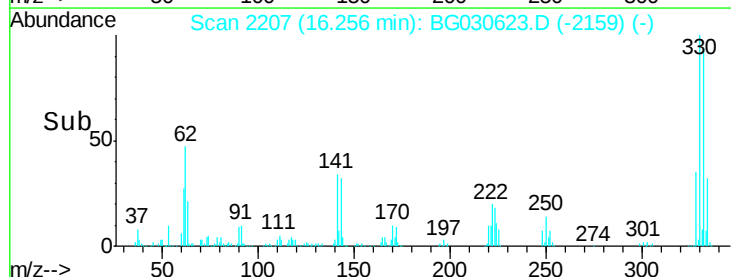
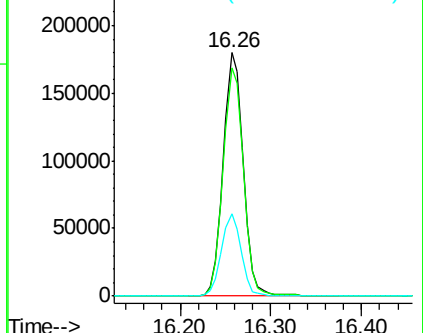
141 33.6 25.2 37.8

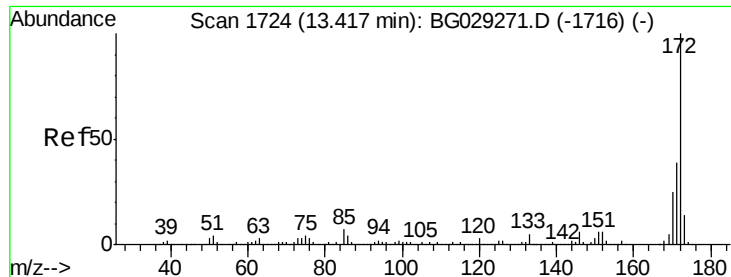


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

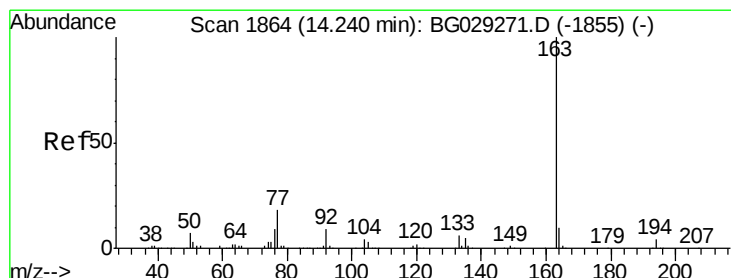
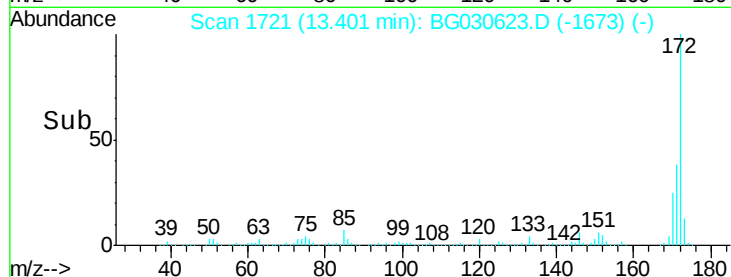
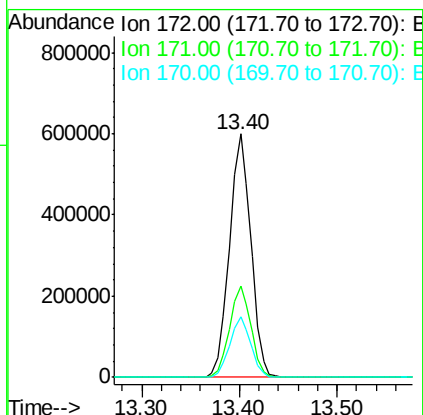
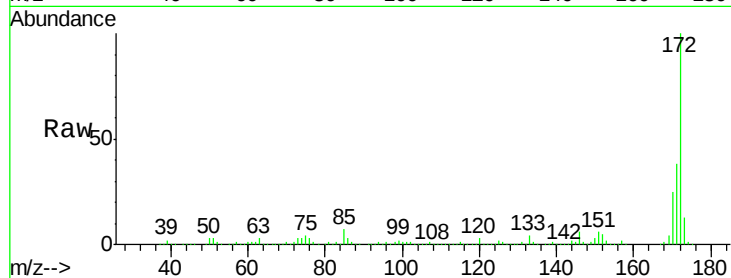




#44
2-Fluorobiphenyl
Concen: 58.40 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

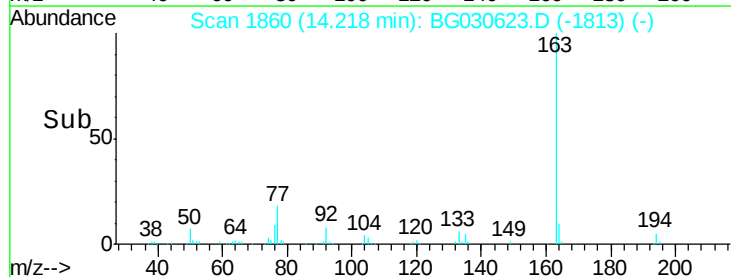
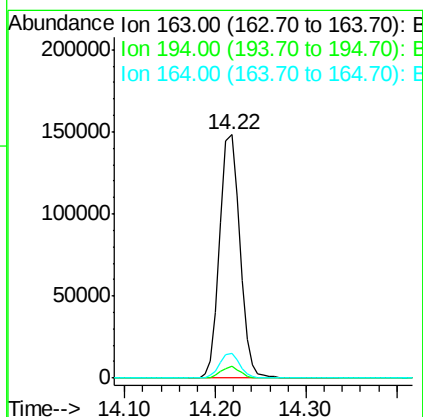
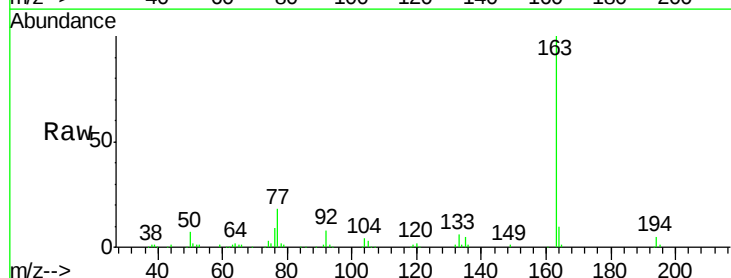
Instrument :
BNA_G
ClientSampleId :
EPE-120-3(10-12)

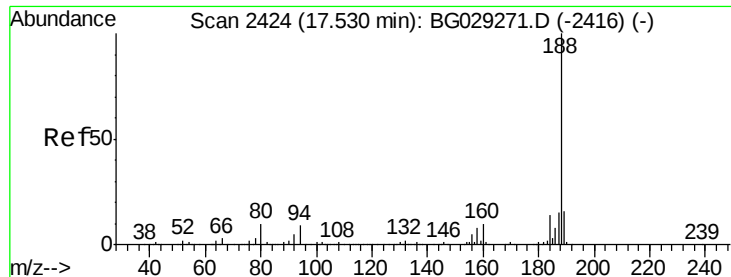
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.6	19.5	29.3



#49
Dimethylphthalate
Concen: 12.85 ng
RT: 14.22 min Scan# 1860
Delta R.T. -0.02 min
Lab File: BG030623.D
Acq: 31 Oct 2017 21:58

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	10.2	8.2	12.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.51 min Scan# 2421

Delta R.T. -0.02 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(10-12)

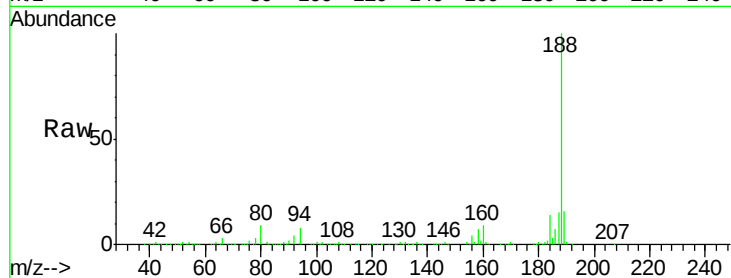
Tgt Ion:188 Resp: 514742

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

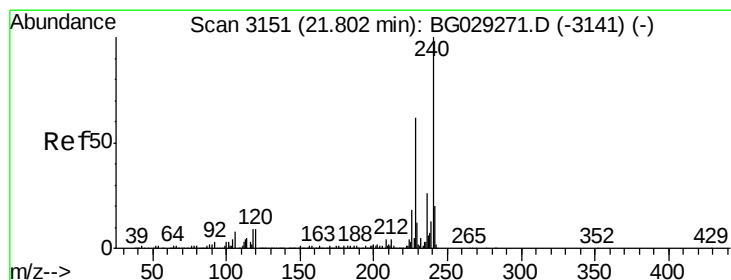
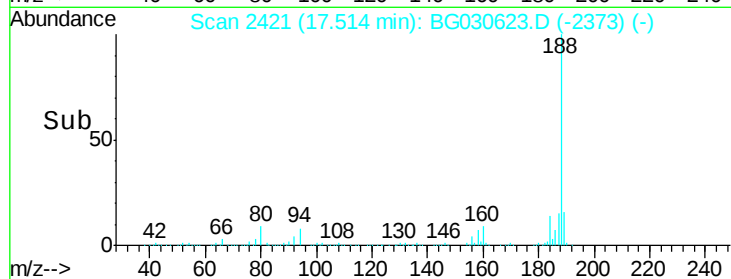
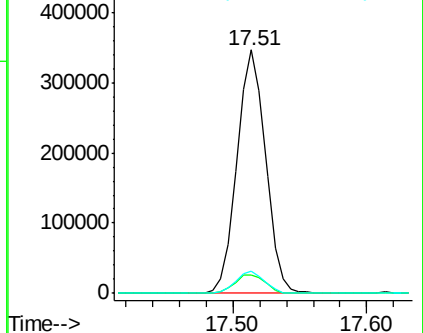
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3148

Delta R.T. -0.02 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

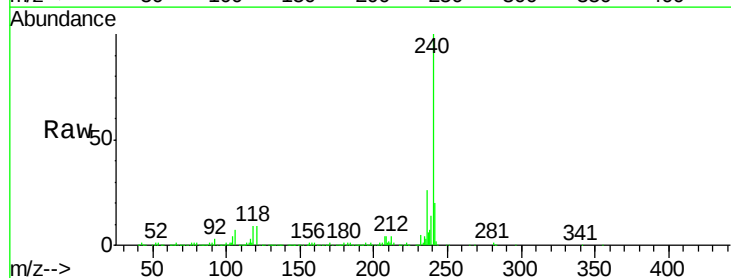
Tgt Ion:240 Resp: 546641

Ion Ratio Lower Upper

240 100

120 8.6 6.8 10.2

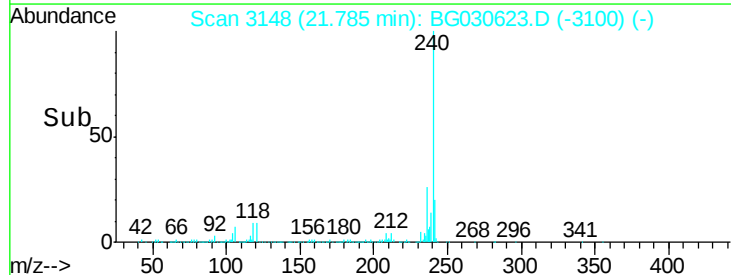
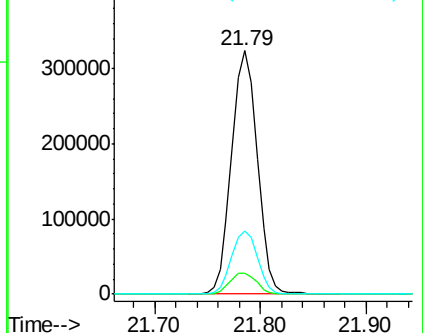
236 26.1 20.9 31.3

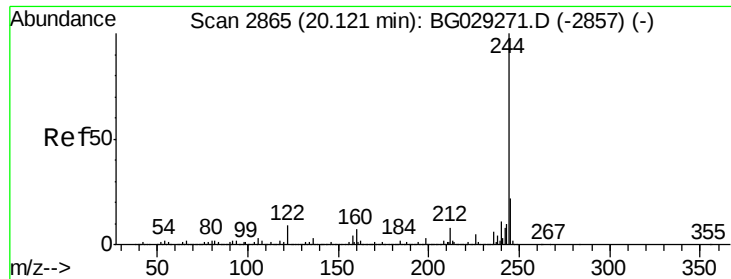


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 54.84 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.02 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

Instrument :

BNA_G

ClientSampleId :

EPE-120-3(10-12)

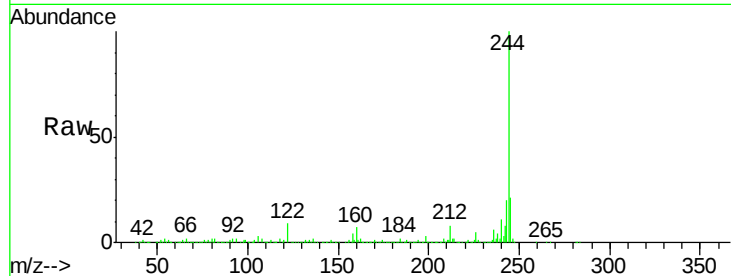
Tgt Ion:244 Resp: 1317848

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.8

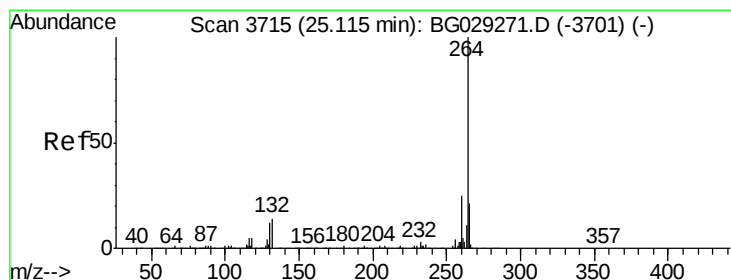
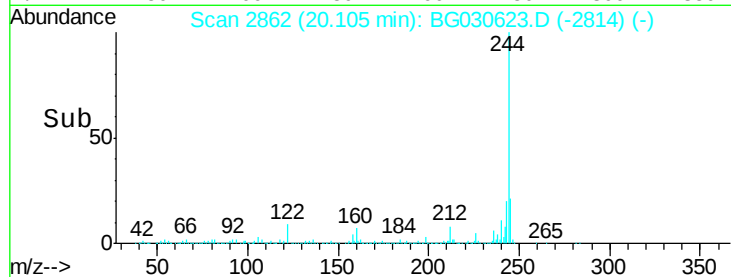
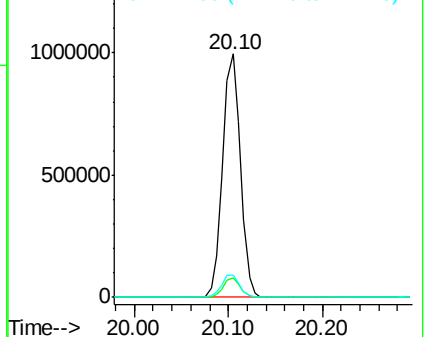
122 9.1 7.0 10.4



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: 20.00 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG030623.D

Acq: 31 Oct 2017 21:58

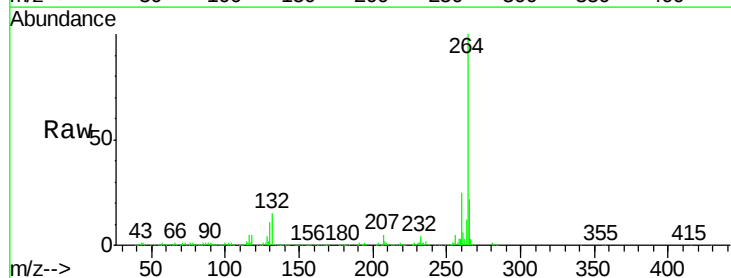
Tgt Ion:264 Resp: 543085

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 22.4 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

