

Data File : BG025947.D
Acq On : 25 Feb 2017 1:00
Operator : SJ/MA
Sample : I1973-02
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E2-Y5-BASE

Quant Time: Feb 25 02:29:13 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 15:48:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	82551	20.00	ng	0.00
21) Naphthalene-d8	10.88	136	388229	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	263651	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	722251	20.00	ng	0.00
75) Chrysene-d12	21.66	240	774486	20.00	ng	-0.02
86) Perylene-d12	24.86	264	747912	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	868689	183.21	ng	0.00
7) Phenol-d6	7.24	99	1244768	177.40	ng	0.00
23) Nitrobenzene-d5	9.23	82	652136	106.01	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	577646	237.14	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1681349	111.43	ng	-0.01
78) Terphenyl-d14	20.01	244	2594988	81.49	ng	-0.01
Target Compounds						
10) Phenol	7.27	94	47008	6.17	ng	79
49) Dimethylphthalate	14.13	163	122706	6.78	ng	96

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

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ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

E2-Y5-BASE

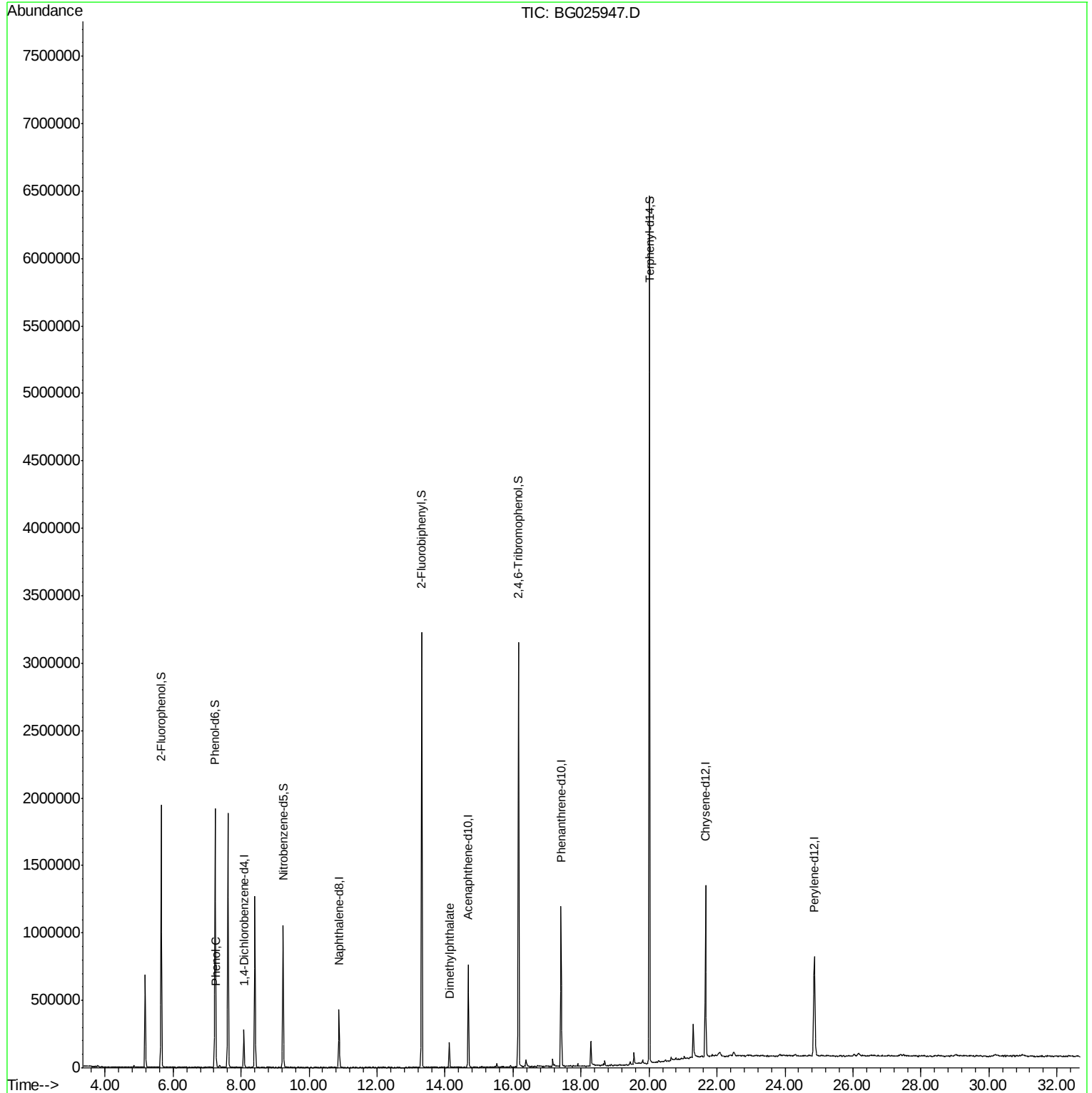
Quant Time: Feb 25 02:29:13 2017

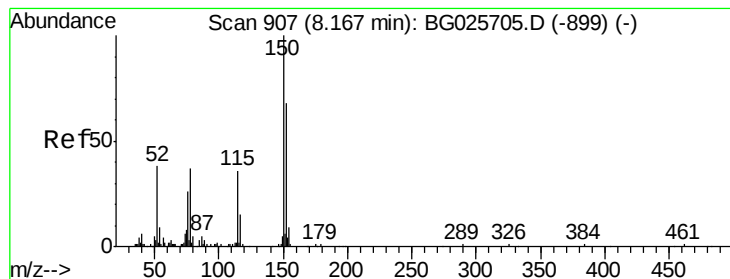
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG021717.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 15:48:21 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.08 min Scan# 807

Delta R.T. -0.01 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

Instrument :

BNA_G

ClientSampleId :

E2-Y5-BASE

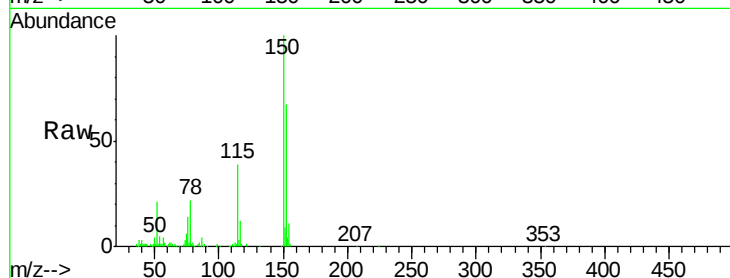
Tgt Ion:152 Resp: 82551

Ion Ratio Lower Upper

152 100

150 150.2 114.0 171.0

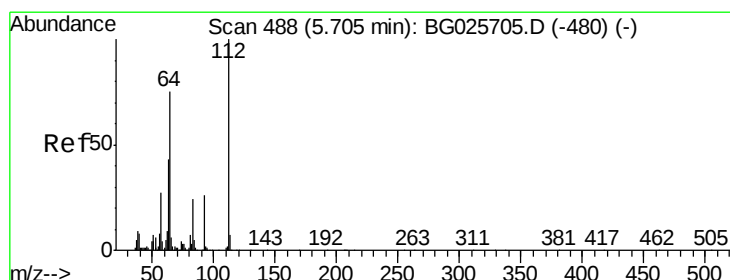
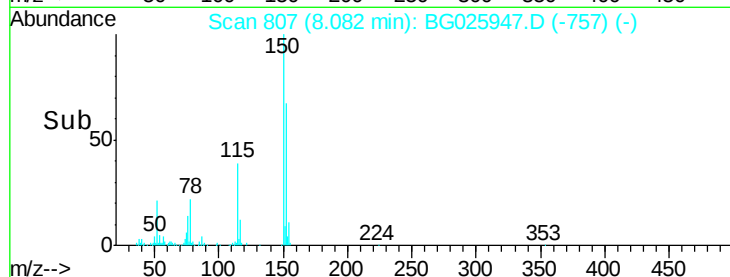
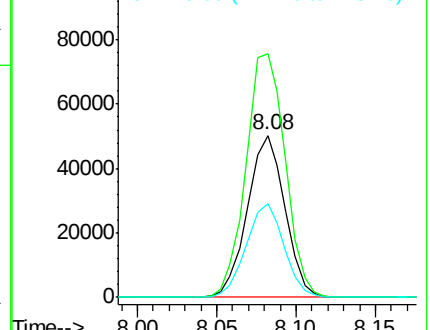
115 58.0 48.1 72.1



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: 183.21 ng

RT: 5.65 min Scan# 393

Delta R.T. -0.01 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

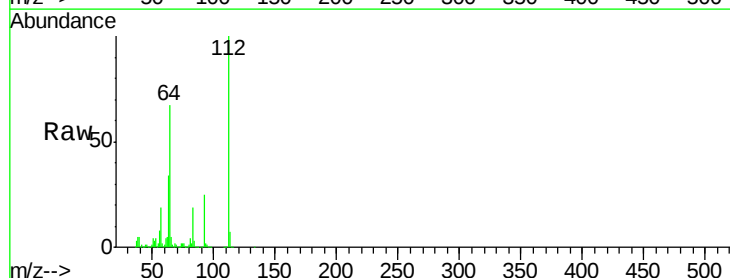
Tgt Ion:112 Resp: 868689

Ion Ratio Lower Upper

112 100

64 67.1 61.8 92.6

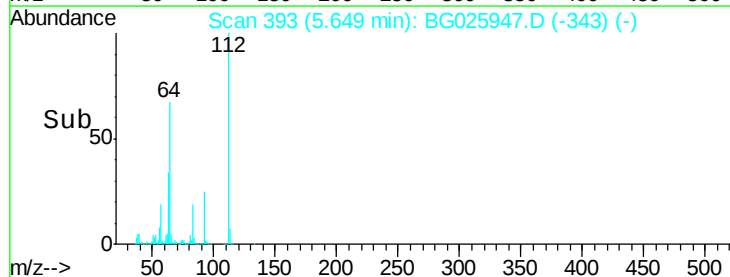
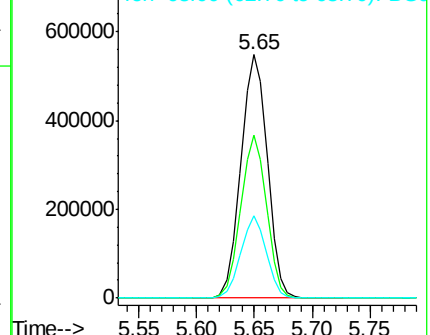
63 33.7 37.2 55.8#

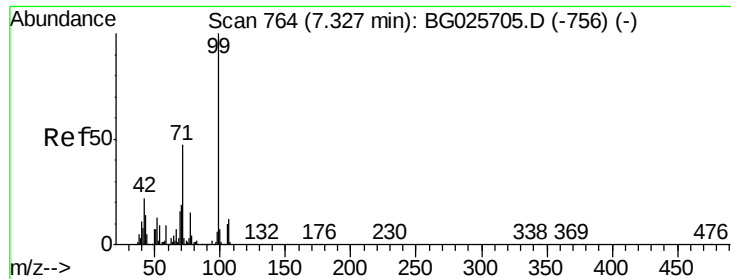


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 177.40 ng

RT: 7.24 min Scan# 663

Delta R.T. -0.00 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

Instrument :

BNA_G

ClientSampleId :

E2-Y5-BASE

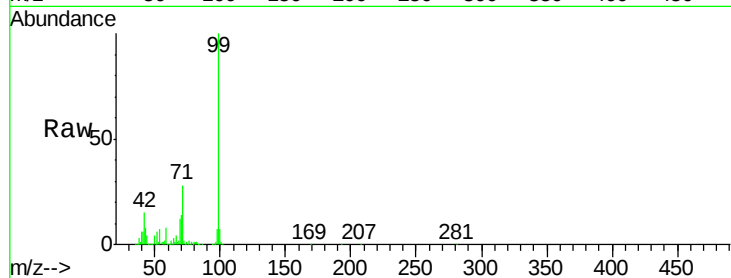
Tgt Ion: 99 Resp: 1244768

Ion Ratio Lower Upper

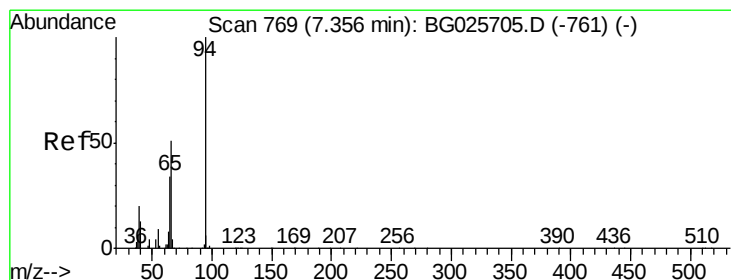
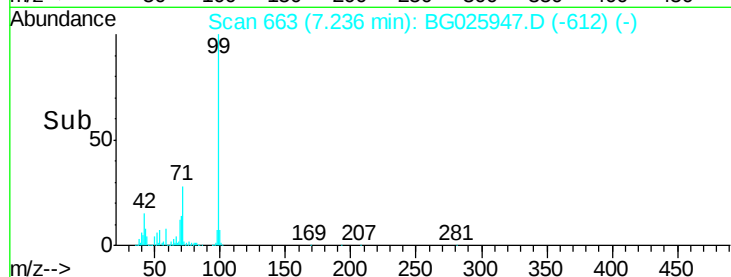
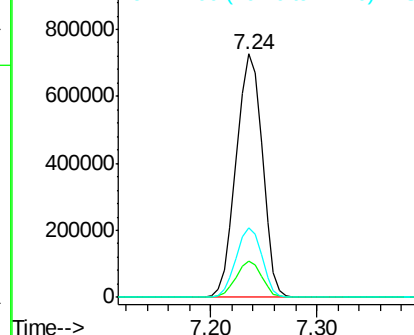
99 100

42 14.7 20.5 30.7#

71 28.4 37.6 56.4#



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: 6.17 ng

RT: 7.27 min Scan# 668

Delta R.T. -0.00 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

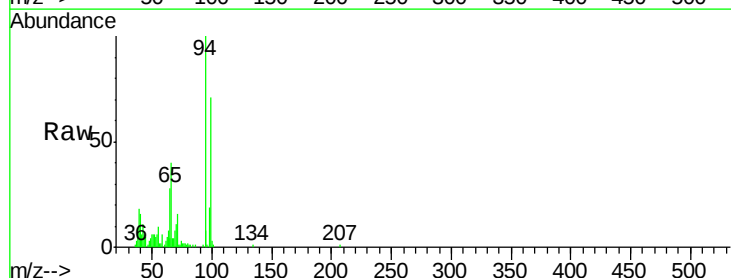
Tgt Ion: 94 Resp: 47008

Ion Ratio Lower Upper

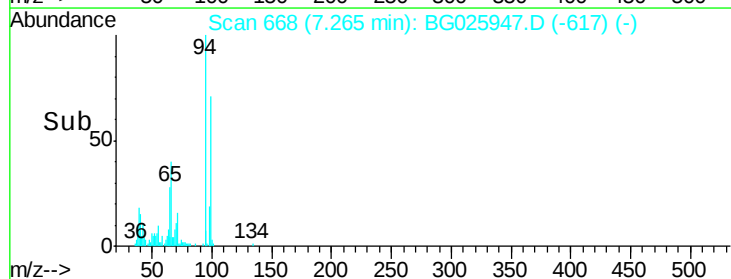
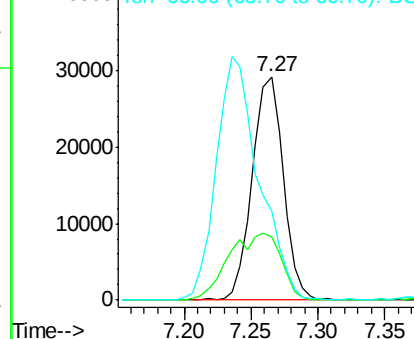
94 100

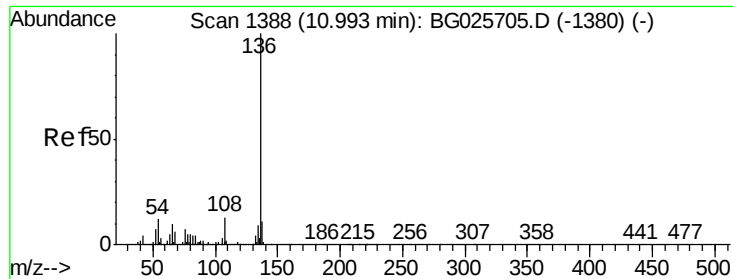
65 28.5 20.6 60.6

66 39.8 35.5 75.5



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

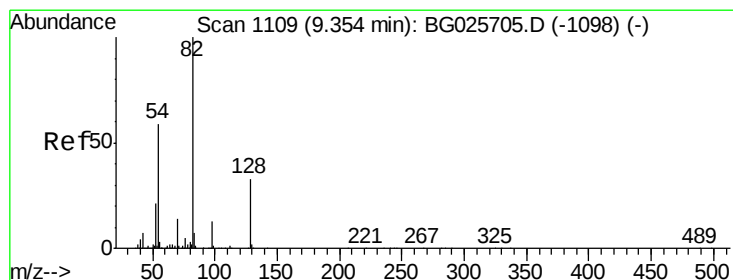
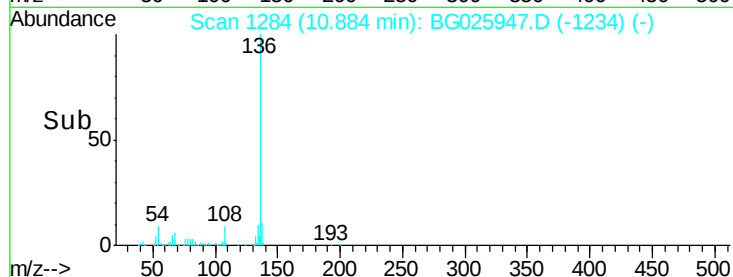
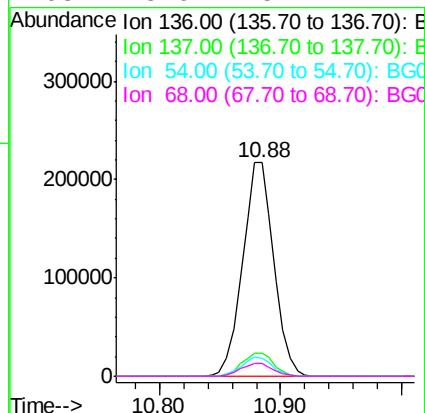
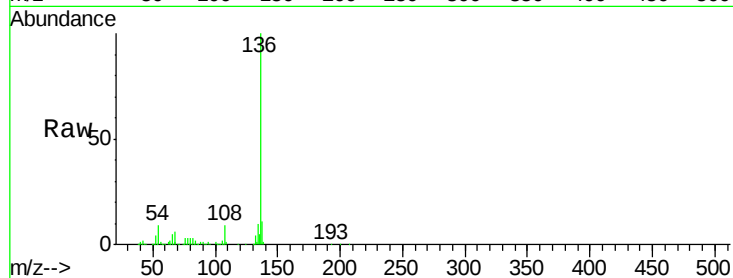




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.88 min Scan# 1284
Delta R.T. -0.01 min
Lab File: BG025947.D
Acq: 25 Feb 2017 1:00

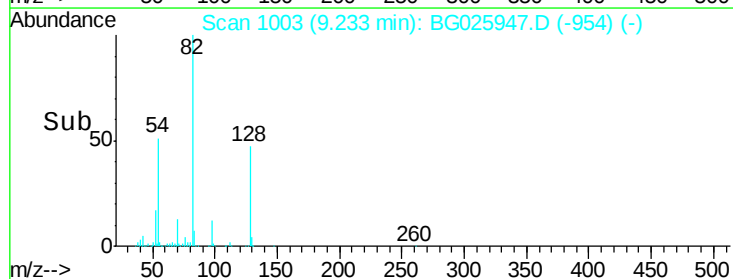
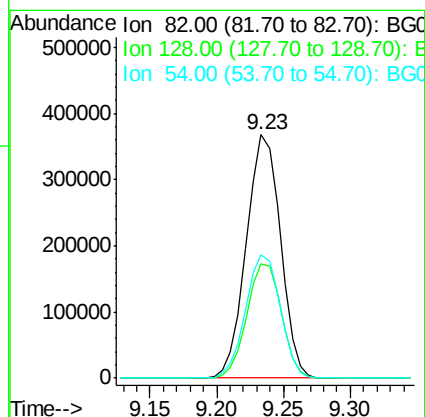
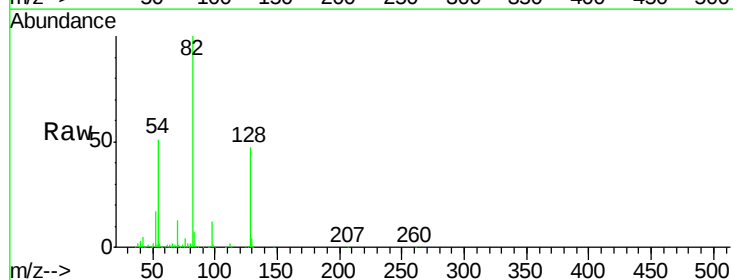
Instrument :
BNA_G
ClientSampleId :
E2-Y5-BASE

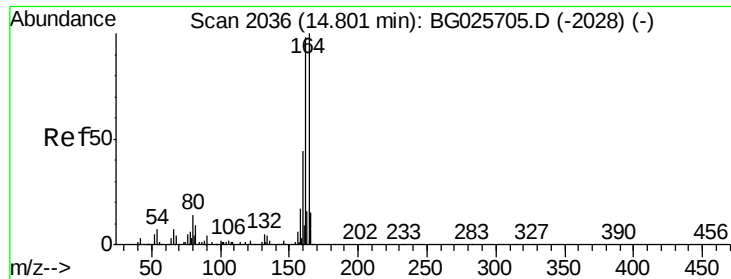
Tgt Ion:	136	Resp:	388229
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	9.3	13.9#
68	5.9	5.1	7.7



#23
Nitrobenzene-d5
Concen: 106.01 ng
RT: 9.23 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BG025947.D
Acq: 25 Feb 2017 1:00

Tgt Ion:	82	Resp:	652136
Ion	Ratio	Lower	Upper
82	100		
128	46.8	26.4	39.6#
54	50.6	49.4	74.2





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.68 min Scan# 1930

Delta R.T. -0.01 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

Instrument :

BNA_G

ClientSampleId :

E2-Y5-BASE

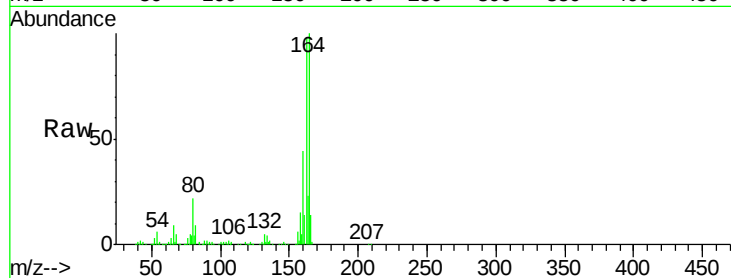
Tgt Ion:164 Resp: 263651

Ion Ratio Lower Upper

164 100

162 97.8 85.1 127.7

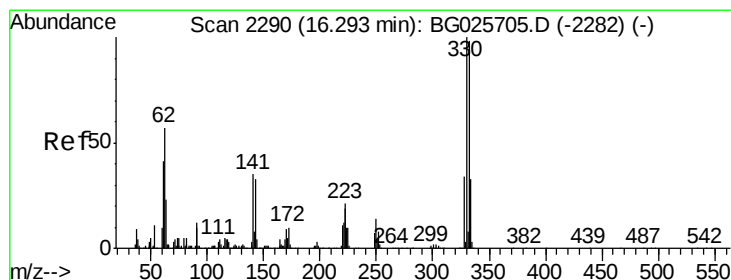
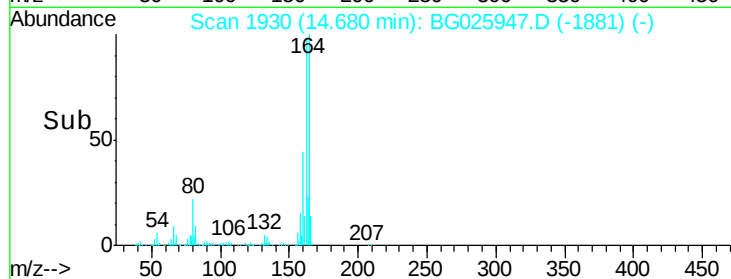
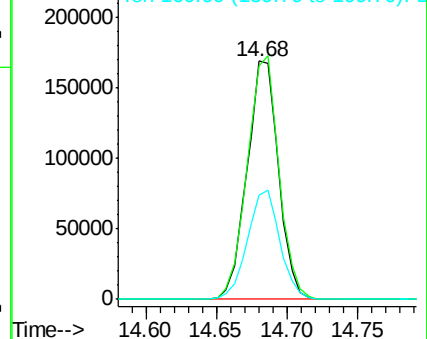
160 43.9 34.7 52.1



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: 237.14 ng

RT: 16.16 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

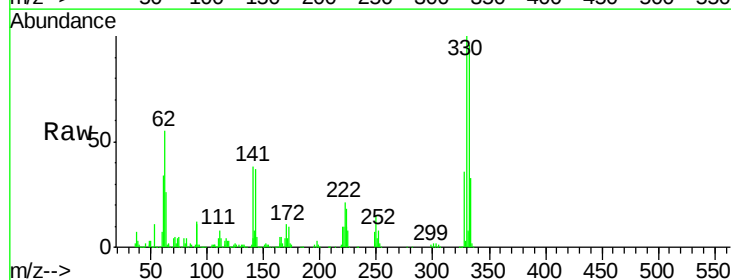
Tgt Ion:330 Resp: 577646

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

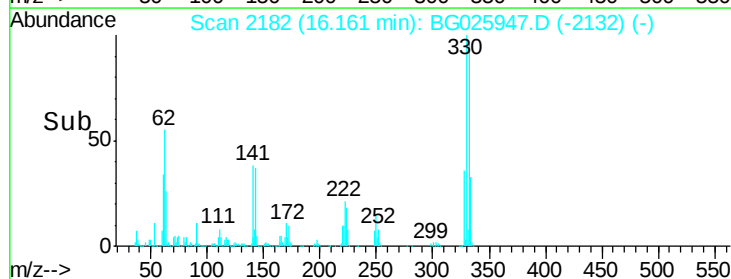
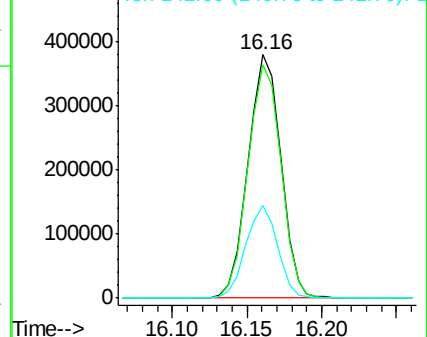
141 37.0 32.1 48.1

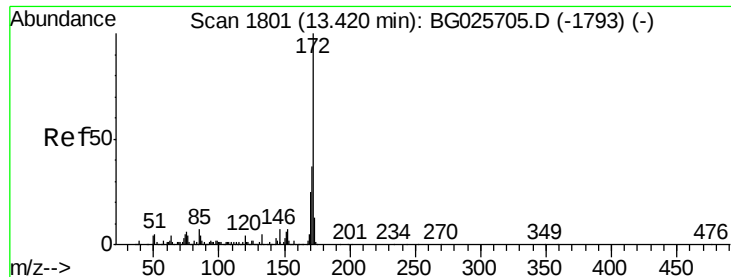


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

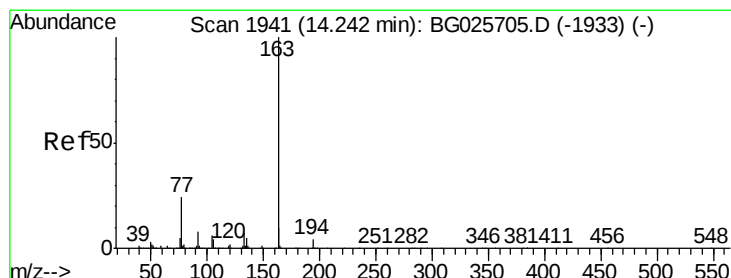
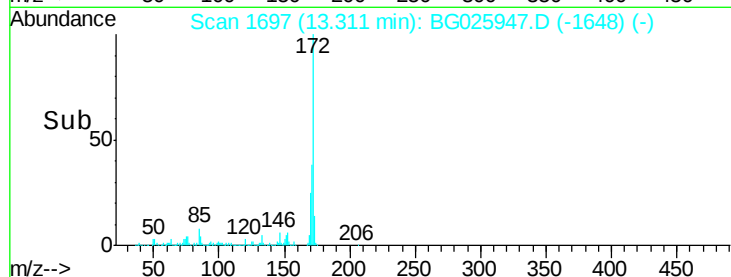
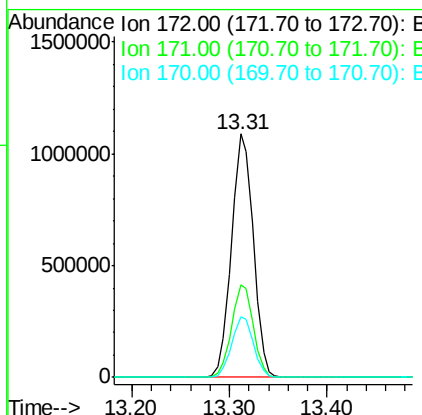
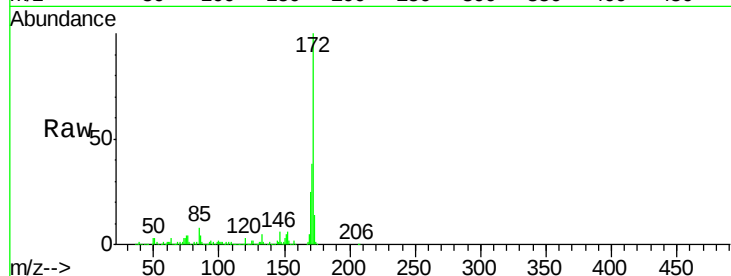




#44
2-Fluorobiphenyl
Concen: 111.43 ng
RT: 13.31 min Scan# 1697
Delta R.T. -0.01 min
Lab File: BG025947.D
Acq: 25 Feb 2017 1:00

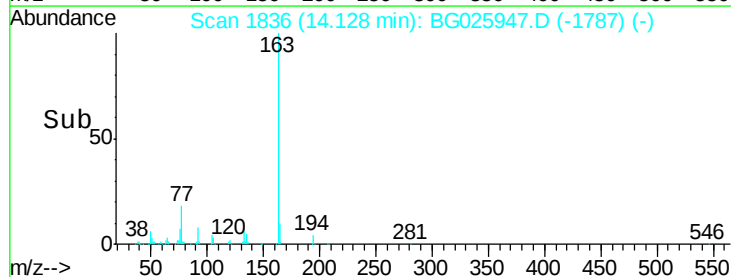
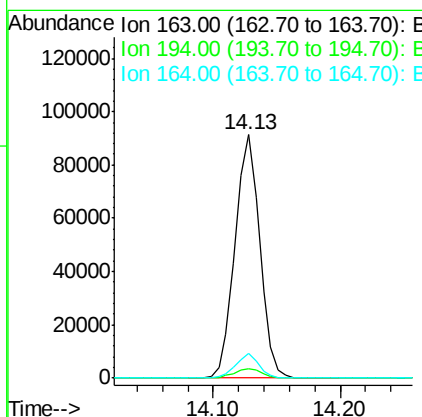
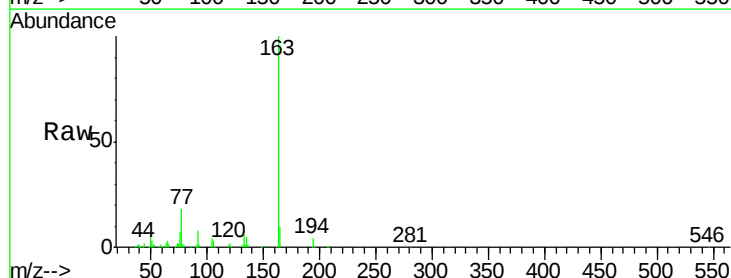
Instrument :
BNA_G
ClientSampleId :
E2-Y5-BASE

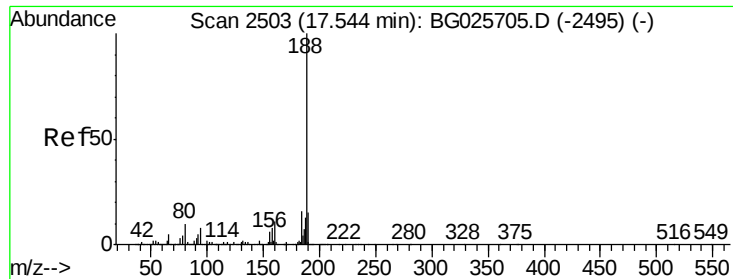
Tgt Ion:172 Resp: 1681349
Ion Ratio Lower Upper
172 100
171 38.0 32.2 48.2
170 25.1 21.8 32.6



#49
Dimethylphthalate
Concen: 6.78 ng
RT: 14.13 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BG025947.D
Acq: 25 Feb 2017 1:00

Tgt Ion:163 Resp: 122706
Ion Ratio Lower Upper
163 100
194 3.8 3.8 5.6
164 10.0 9.3 13.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

Instrument :

BNA_G

ClientSampleId :

E2-Y5-BASE

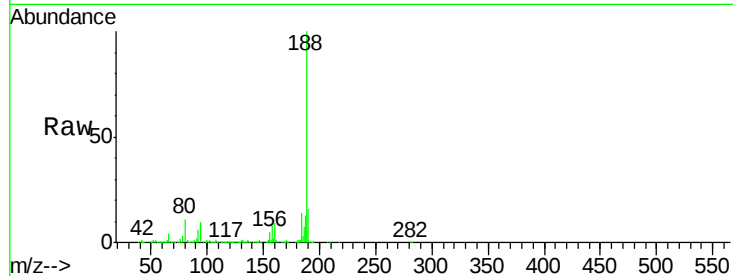
Tgt Ion:188 Resp: 722251

Ion Ratio Lower Upper

188 100

94 9.7 5.8 8.8#

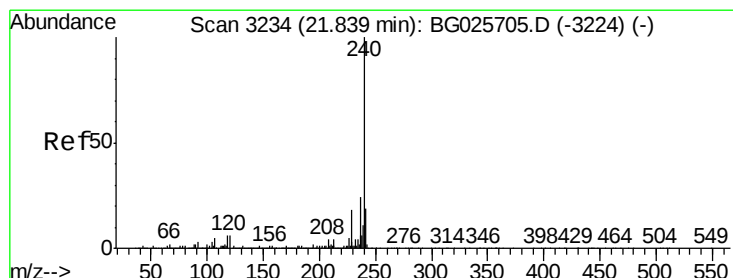
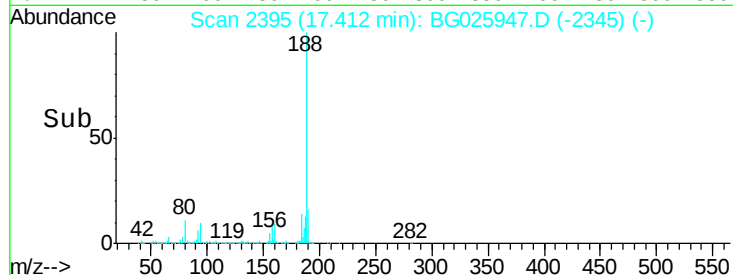
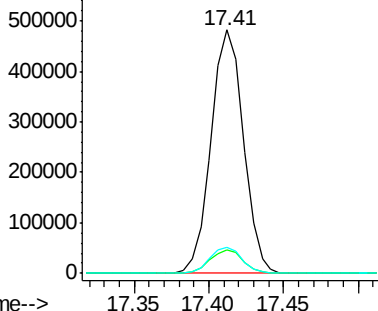
80 10.8 7.5 11.3



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: 20.00 ng

RT: 21.66 min Scan# 3118

Delta R.T. -0.02 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

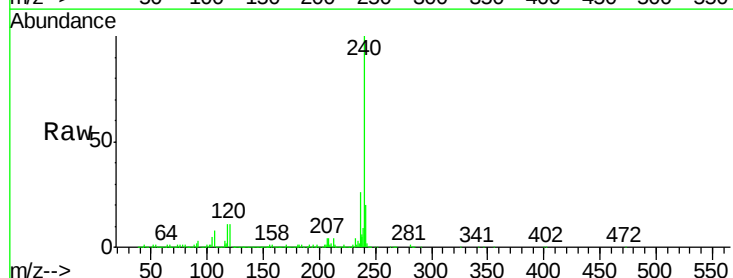
Tgt Ion:240 Resp: 774486

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

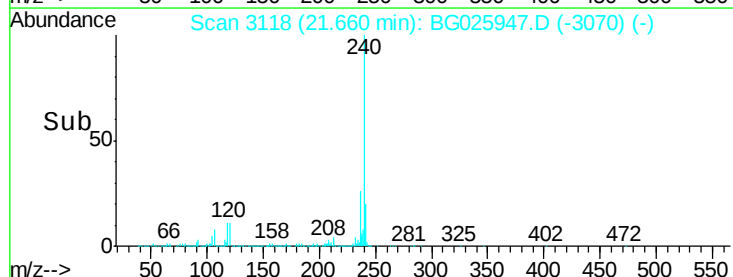
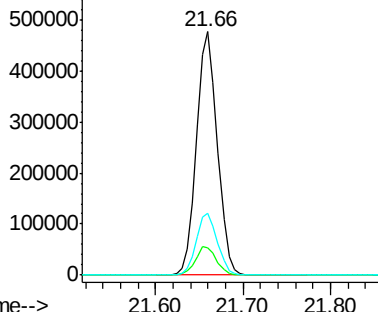
236 25.6 22.2 33.4

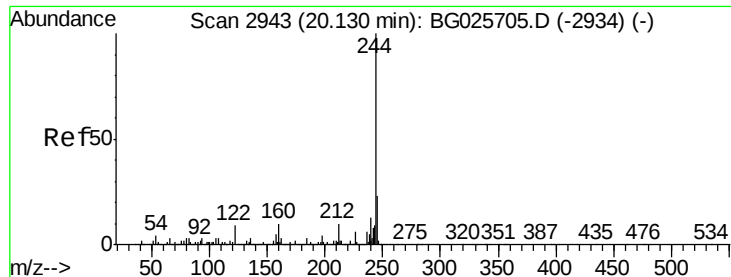


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.49 ng

RT: 20.01 min Scan# 2837

Delta R.T. -0.01 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

Instrument :

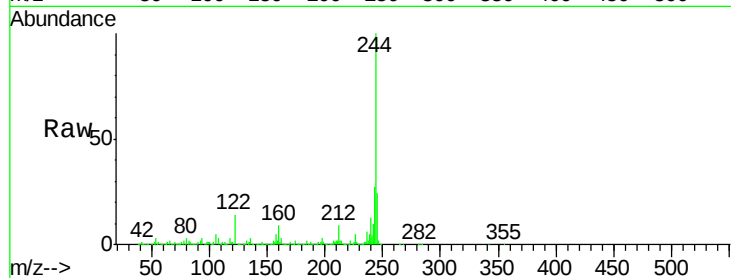
BNA_G

ClientSampleId :

E2-Y5-BASE

Tgt Ion:244 Resp: 2594988

Ion	Ratio	Lower	Upper
244	100		
212	9.1	10.0	15.0#
122	14.3	8.6	12.8#

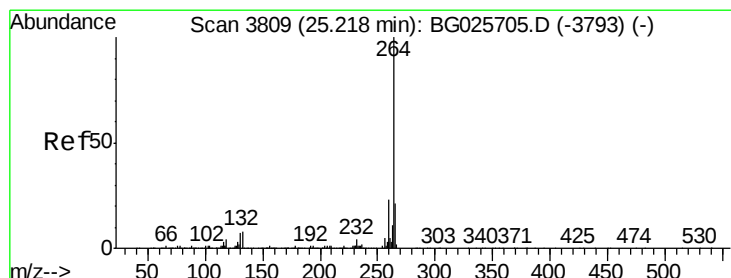
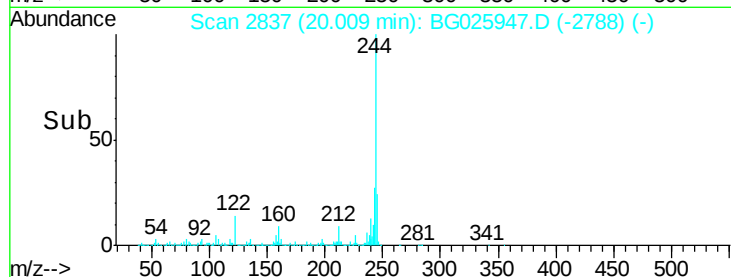
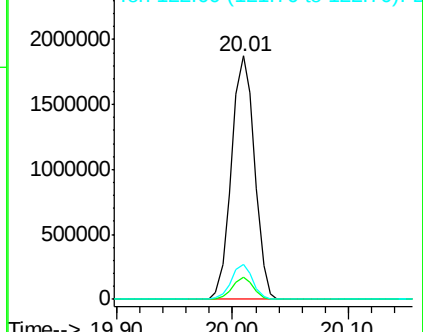


Abundance

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: 24.86 min Scan# 3663

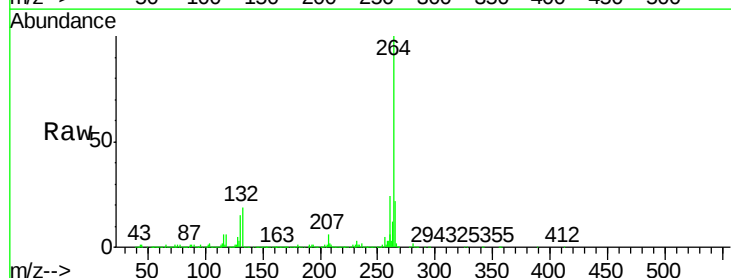
Delta R.T. -0.02 min

Lab File: BG025947.D

Acq: 25 Feb 2017 1:00

Tgt Ion:264 Resp: 747912

Ion	Ratio	Lower	Upper
264	100		
260	23.5	21.8	32.8
265	22.2	18.2	27.4



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

