

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062616\
 Data File : BG022594.D
 Acq On : 26 Jun 2016 4:06
 Operator : UM/SJ
 Sample : H3701-12
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2D

Quant Time: Jun 26 06:50:47 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 20:14:59 2016
 Response via : Initial Calibration

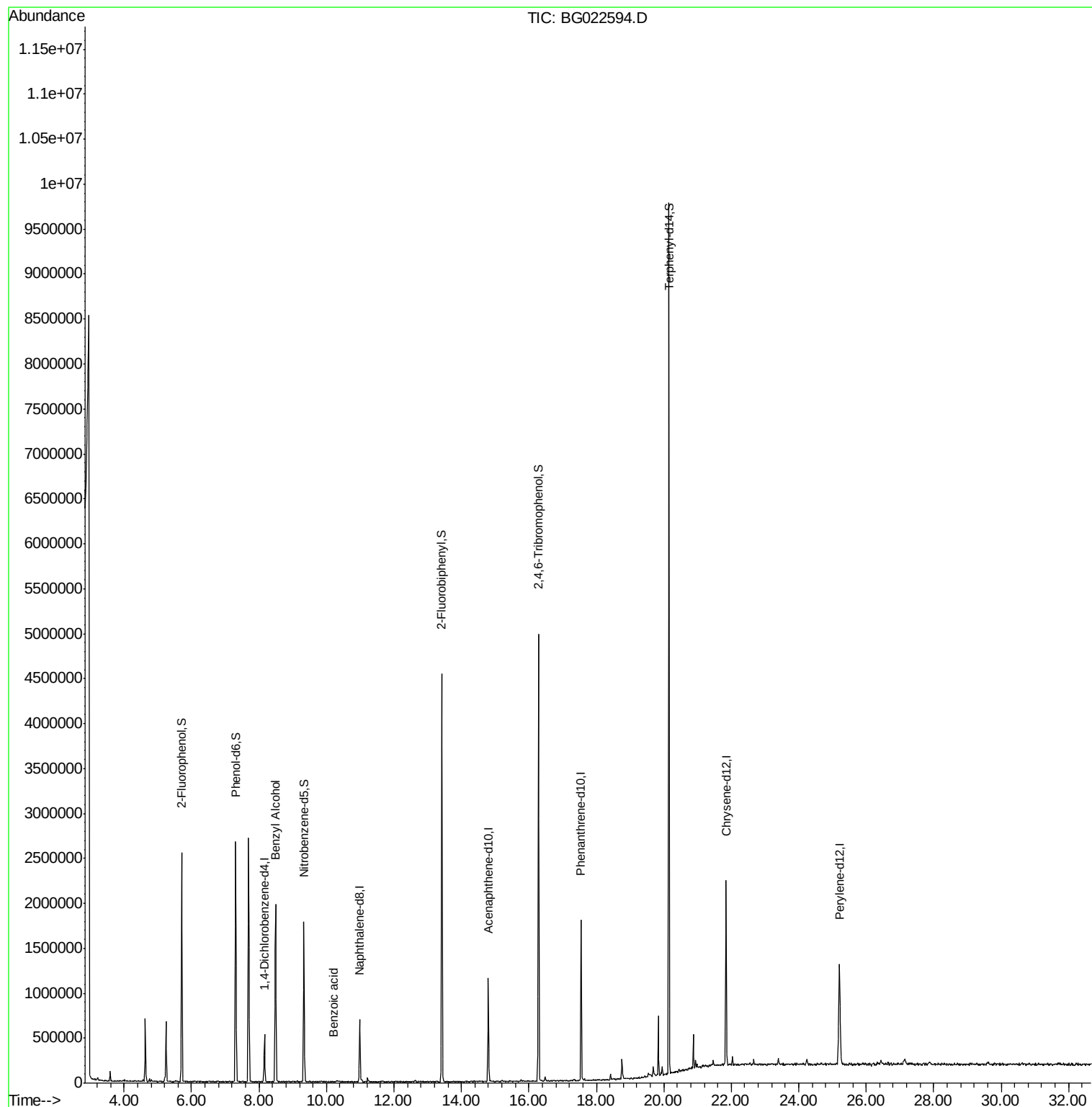
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	129099	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	543626	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	385637	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	1086497	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1271050	20.00	ng	0.00
86) Perylene-d12	25.21	264	1284904	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	1000917	124.36	ng	0.00
7) Phenol-d6	7.31	99	1379566	121.60	ng	0.00
23) Nitrobenzene-d5	9.33	82	1116369	86.92	ng	0.00
41) 2,4,6-Tribromophenol	16.28	330	904010	149.04	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	2091993	86.03	ng	0.00
78) Terphenyl-d14	20.15	244	3285666	68.49	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	21821	2.08	ng	# 75
32) Benzoic acid	10.21	122	96	5.13	ng	# 1

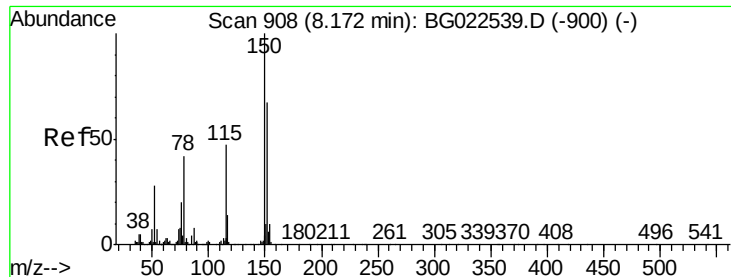
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 24 20:14:59 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 906

Delta R.T. -0.01 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

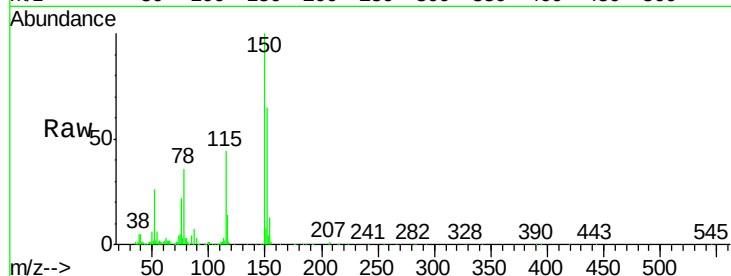
Tgt Ion:152 Resp: 129099

Ion Ratio Lower Upper

152 100

150 152.7 144.7 217.1

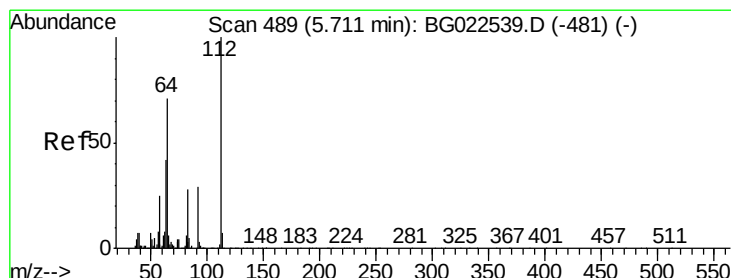
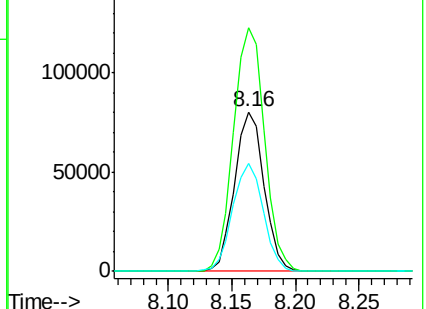
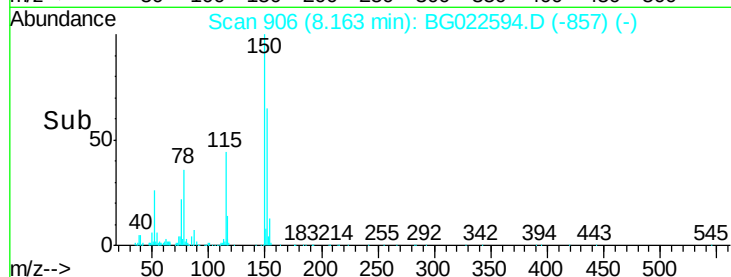
115 67.4 64.0 96.0



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: 124.36 ng

RT: 5.71 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

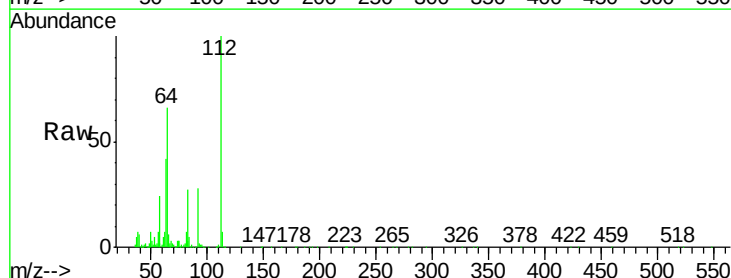
Tgt Ion:112 Resp: 1000917

Ion Ratio Lower Upper

112 100

64 66.3 59.0 88.4

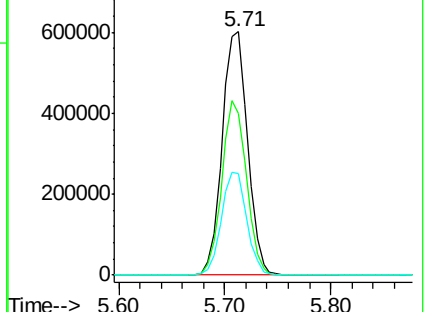
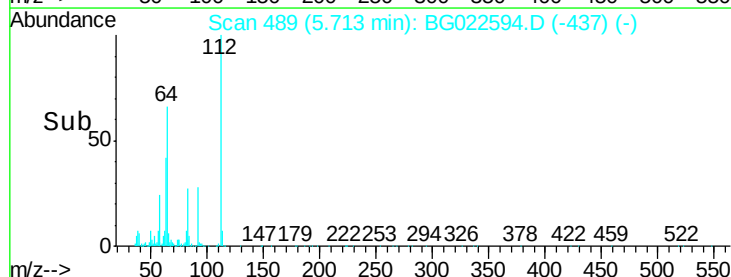
63 41.7 37.8 56.8

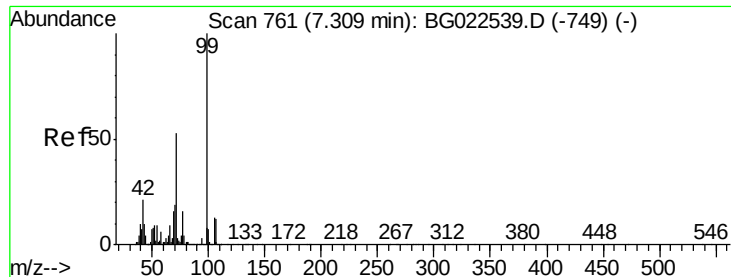


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 121.60 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.01 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

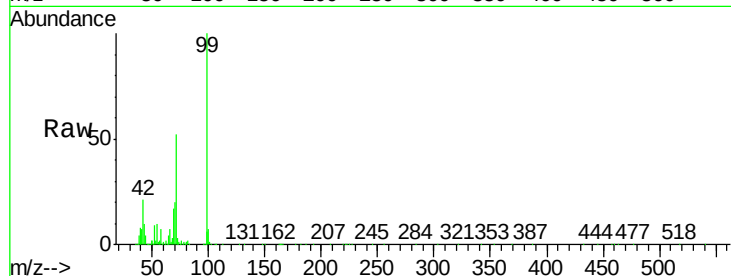
Tgt Ion: 99 Resp: 1379566

Ion Ratio Lower Upper

99 100

42 21.4 17.8 26.6

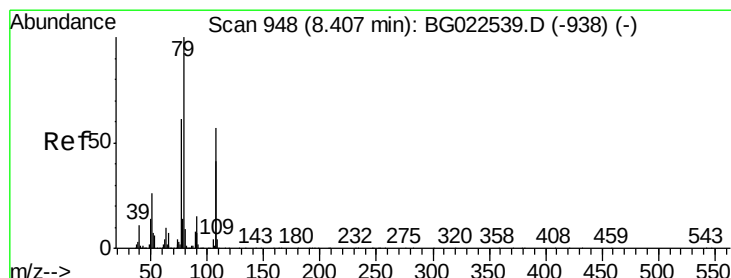
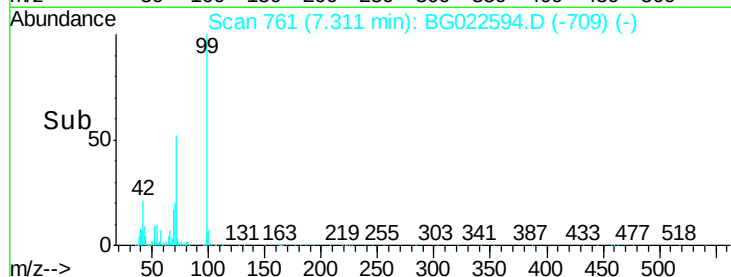
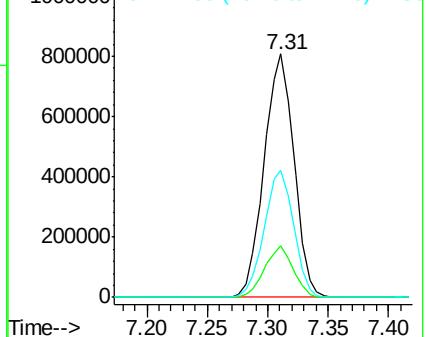
71 52.4 41.5 62.3



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.49 min Scan# 962

Delta R.T. 0.09 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

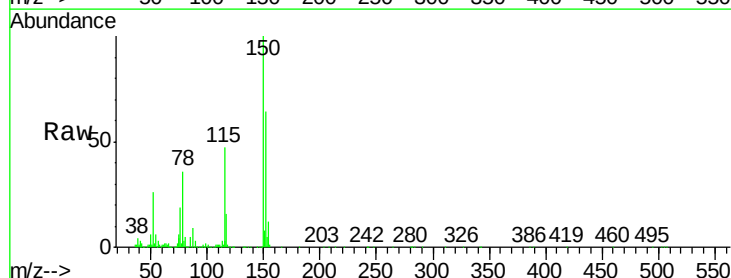
Tgt Ion: 79 Resp: 21821

Ion Ratio Lower Upper

79 100

108 33.6 46.5 69.7#

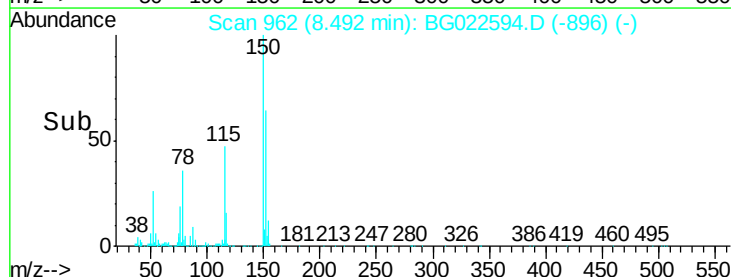
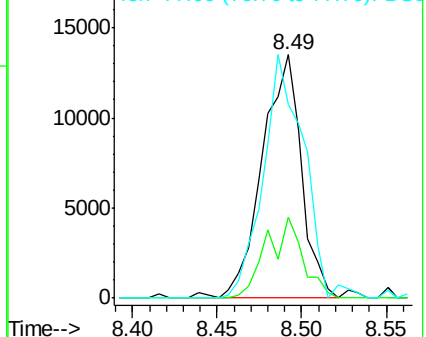
77 79.5 52.3 78.5#

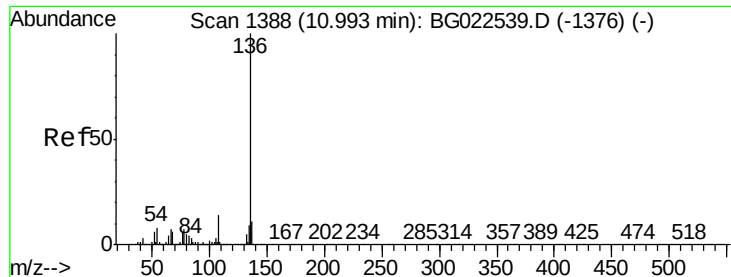


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

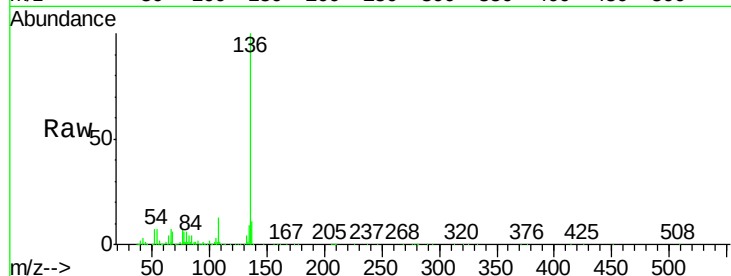




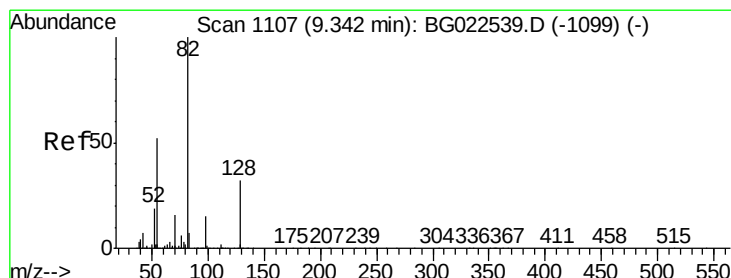
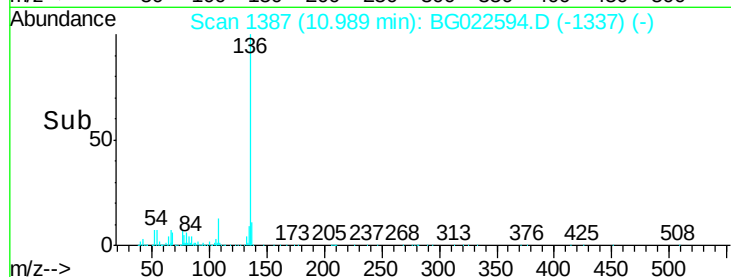
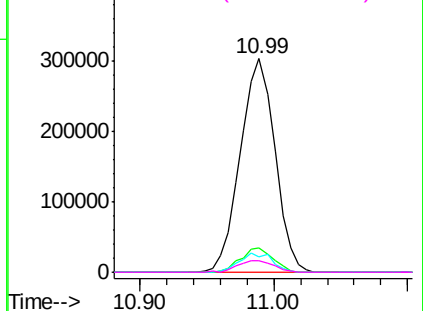
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.99 min Scan# 1387
Delta R.T. -0.00 min
Lab File: BG022594.D
Acq: 26 Jun 2016 4:06

Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2D

Tgt Ion:	136	Resp:	543626
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.6	14.4
54	7.2	7.3	10.9#
68	5.6	5.3	7.9

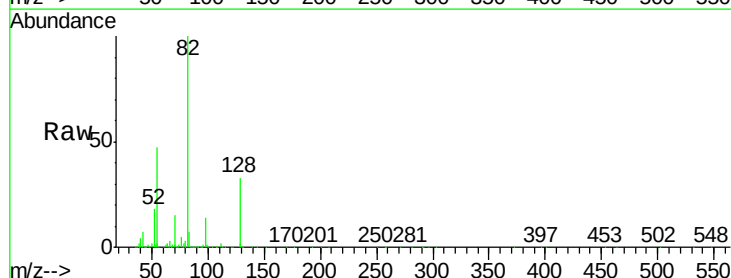


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

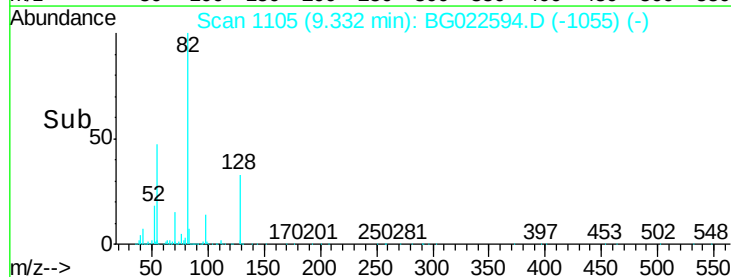
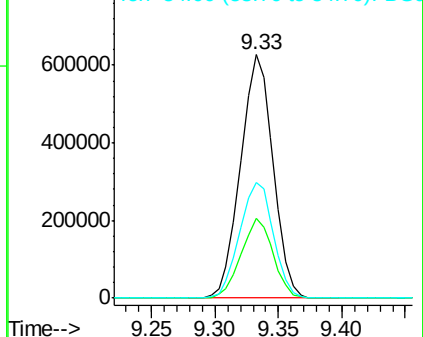


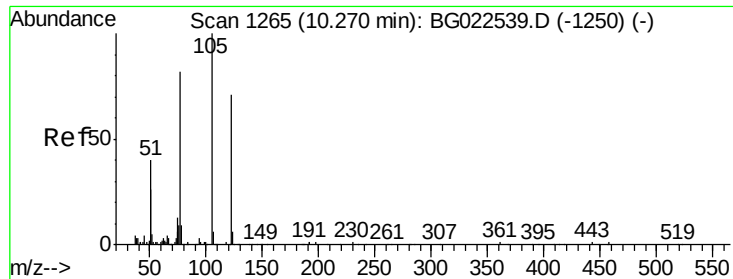
#23
Nitrobenzene-d5
Concen: 86.92 ng
RT: 9.33 min Scan# 1105
Delta R.T. -0.00 min
Lab File: BG022594.D
Acq: 26 Jun 2016 4:06

Tgt Ion:	82	Resp:	1116369
Ion	Ratio	Lower	Upper
82	100		
128	32.7	24.4	36.6
54	47.5	41.4	62.0



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#32

Benzoic acid

Concen: 5.13 ng

RT: 10.21 min Scan# 1255

Delta R.T. 0.01 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

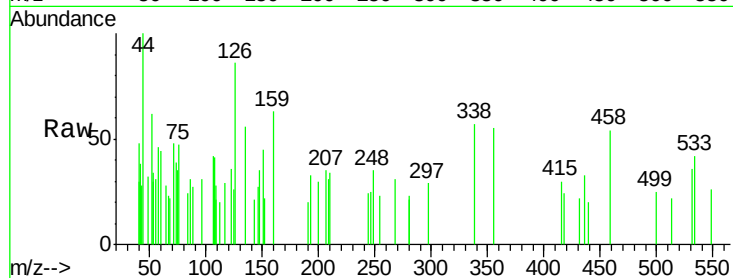
Tgt Ion:122 Resp: 96

Ion Ratio Lower Upper

122 100

105 0.0 117.2 157.2#

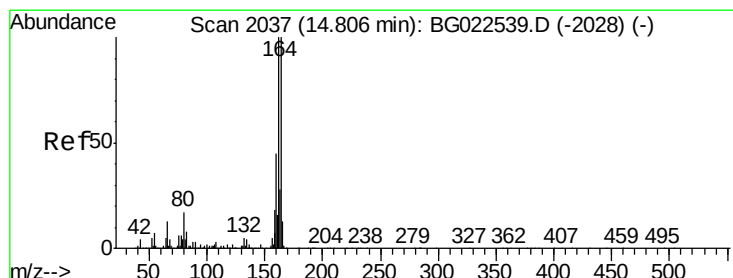
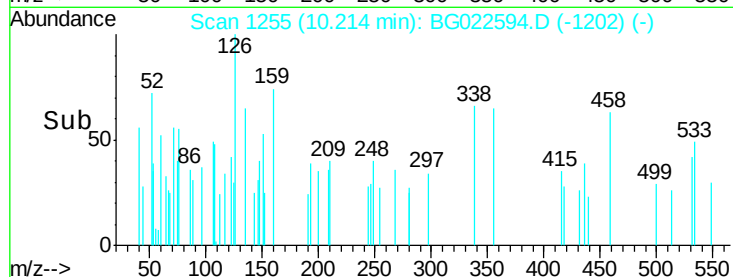
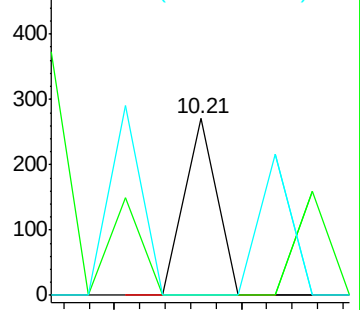
77 0.0 109.2 149.2#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

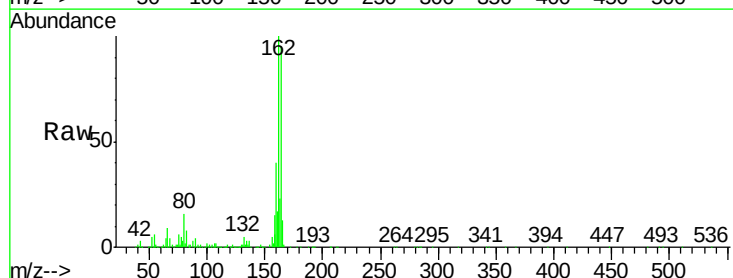
Tgt Ion:164 Resp: 385637

Ion Ratio Lower Upper

164 100

162 105.8 87.7 131.5

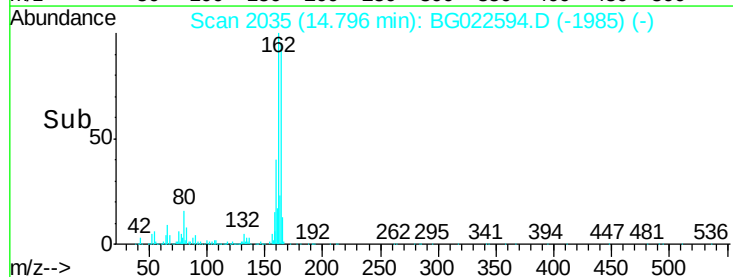
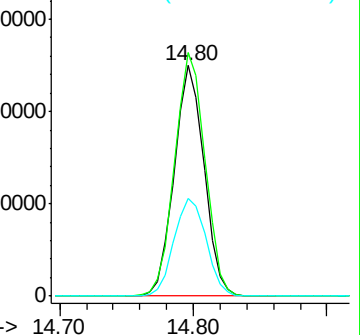
160 42.2 37.2 55.8

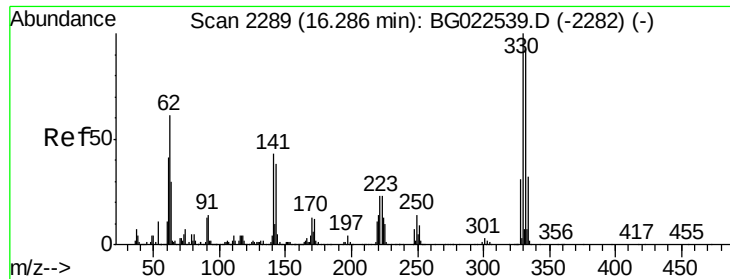


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

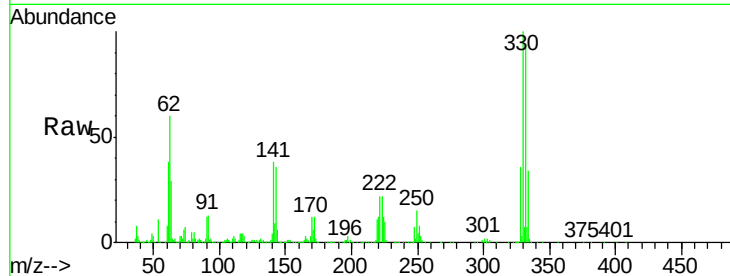




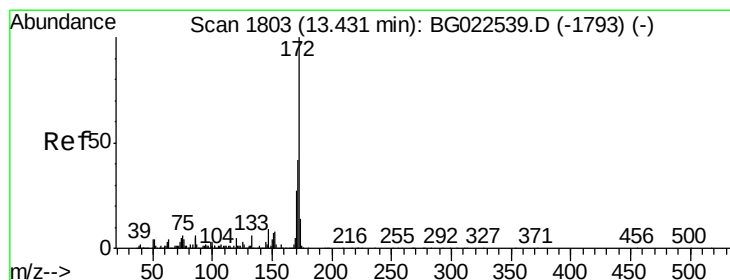
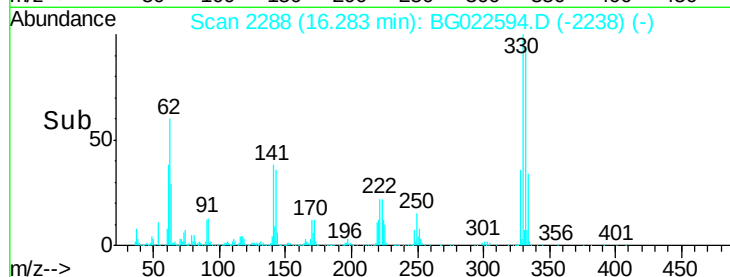
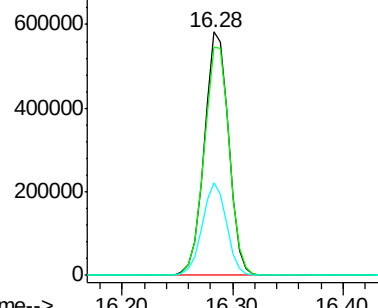
#41
 2,4,6-Tribromophenol
 Concen: 149.04 ng
 RT: 16.28 min Scan# 2288
 Delta R.T. -0.00 min
 Lab File: BG022594.D
 Acq: 26 Jun 2016 4:06

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP-B2D

Tgt Ion:330 Resp: 904010
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 37.8 31.7 47.5

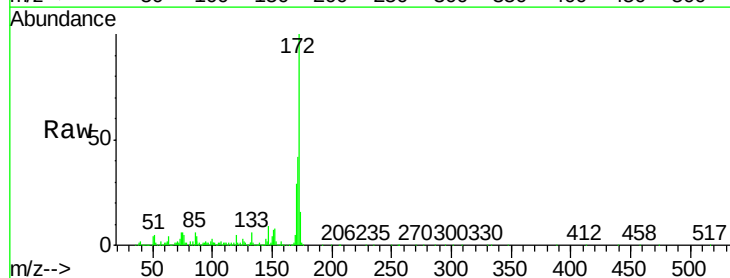


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

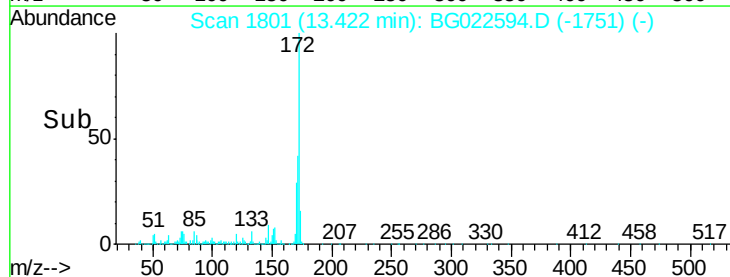
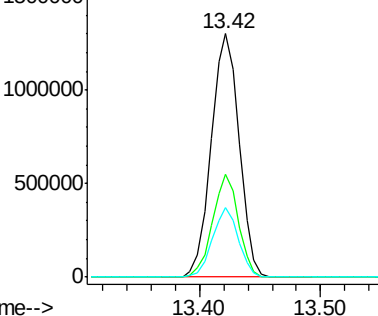


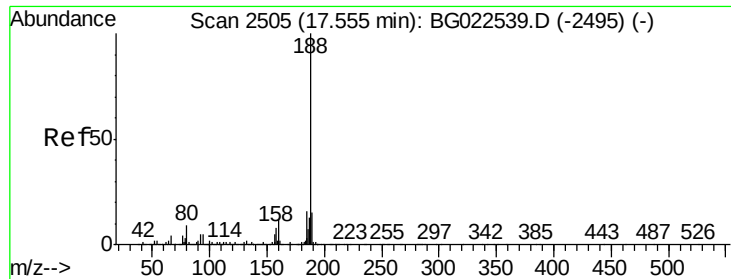
#44
 2-Fluorobiphenyl
 Concen: 86.03 ng
 RT: 13.42 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG022594.D
 Acq: 26 Jun 2016 4:06

Tgt Ion:172 Resp: 2091993
 Ion Ratio Lower Upper
 172 100
 171 42.3 31.6 47.4
 170 28.7 21.3 31.9



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

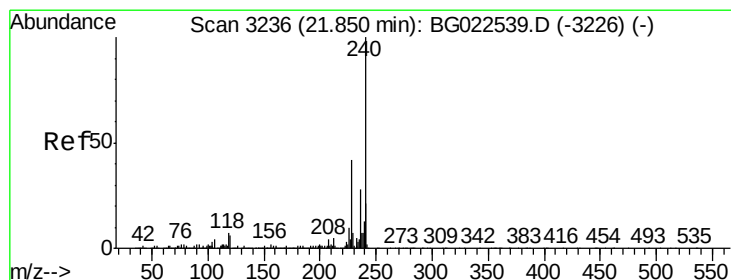
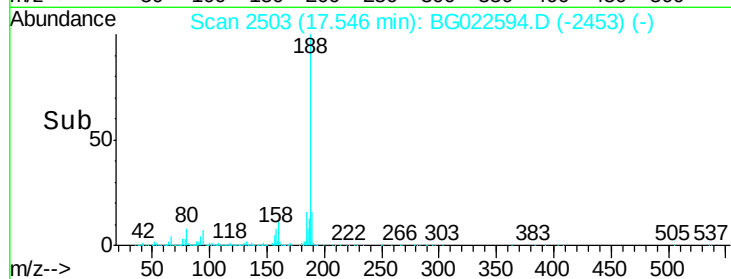
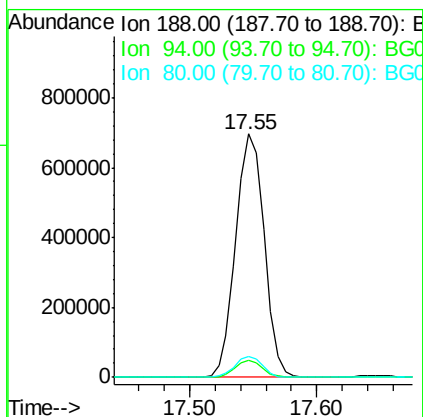
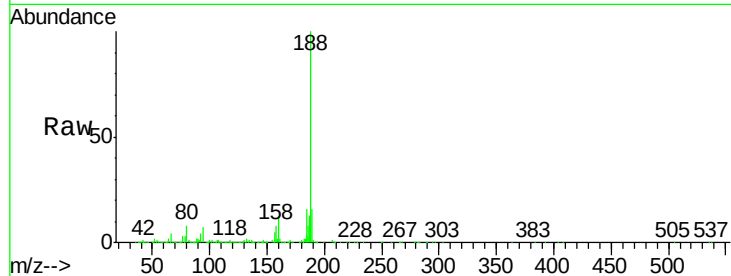




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2503
Delta R.T. -0.00 min
Lab File: BG022594.D
Acq: 26 Jun 2016 4:06

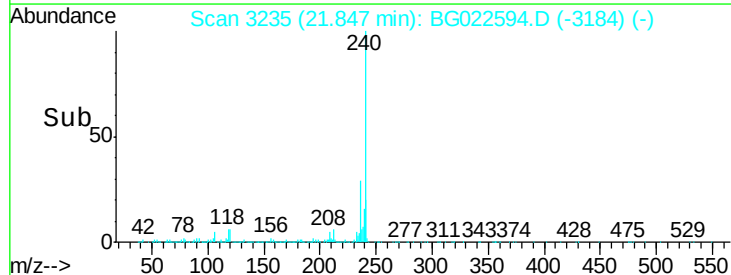
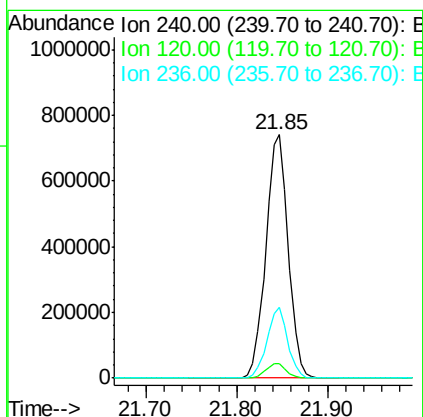
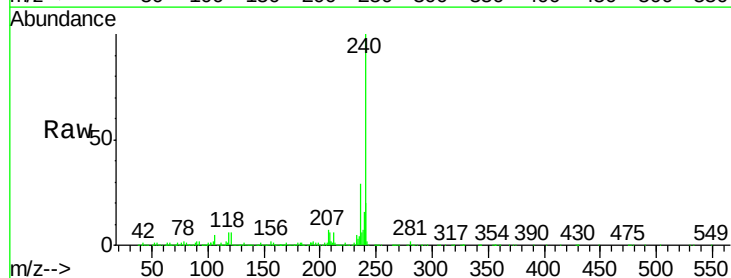
Instrument :
BNA_G
ClientSampleId :
TEC-COMP-B2D

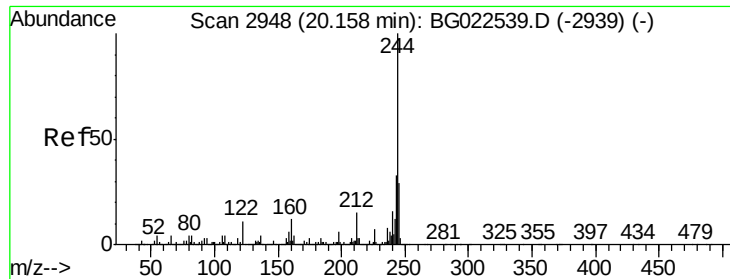
Tgt Ion:188 Resp: 1086497
Ion Ratio Lower Upper
188 100
94 7.2 5.2 7.8
80 8.4 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.85 min Scan# 3235
Delta R.T. 0.00 min
Lab File: BG022594.D
Acq: 26 Jun 2016 4:06

Tgt Ion:240 Resp: 1271050
Ion Ratio Lower Upper
240 100
120 5.7 4.1 6.1
236 29.1 21.1 31.7





#78

Terphenyl-d14

Concen: 68.49 ng

RT: 20.15 min Scan# 2947

Delta R.T. 0.00 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

Instrument :

BNA_G

ClientSampleId :

TEC-COMP-B2D

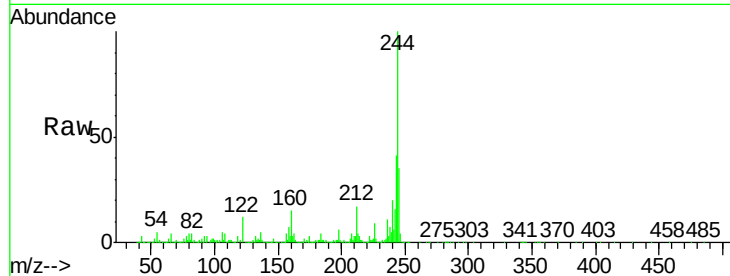
Tgt Ion:244 Resp: 3285666

Ion Ratio Lower Upper

244 100

212 16.8 10.8 16.2#

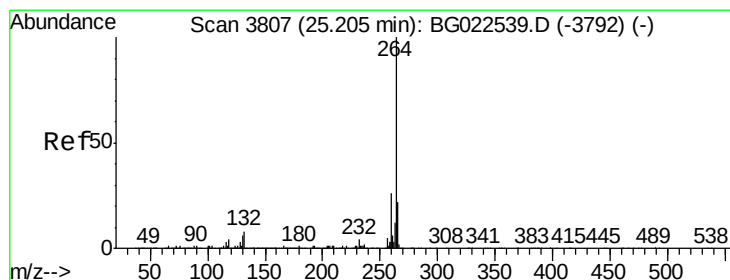
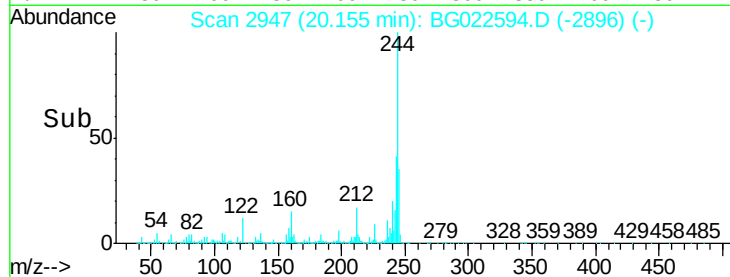
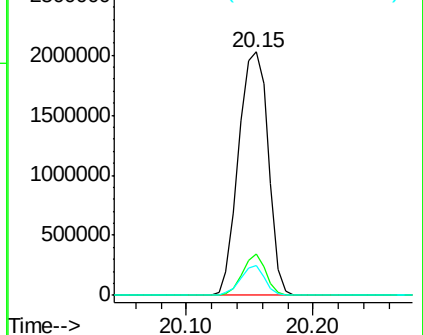
122 12.0 8.0 12.0#



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: 25.21 min Scan# 3807

Delta R.T. 0.00 min

Lab File: BG022594.D

Acq: 26 Jun 2016 4:06

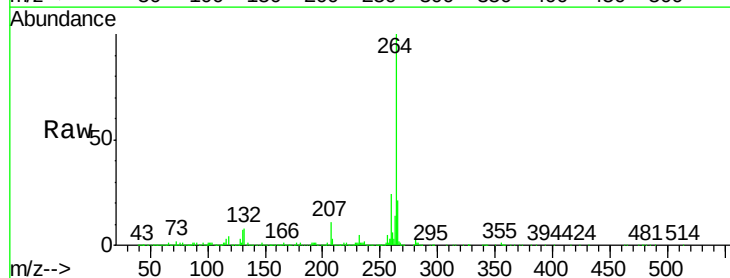
Tgt Ion:264 Resp: 1284904

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.5 18.9 28.3



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

