

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
 Data File : BG019972.D
 Acq On : 6 Dec 2015 18:20
 Operator : UM/NP
 Sample : G4614-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S23-15

Quant Time: Dec 07 03:21:23 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

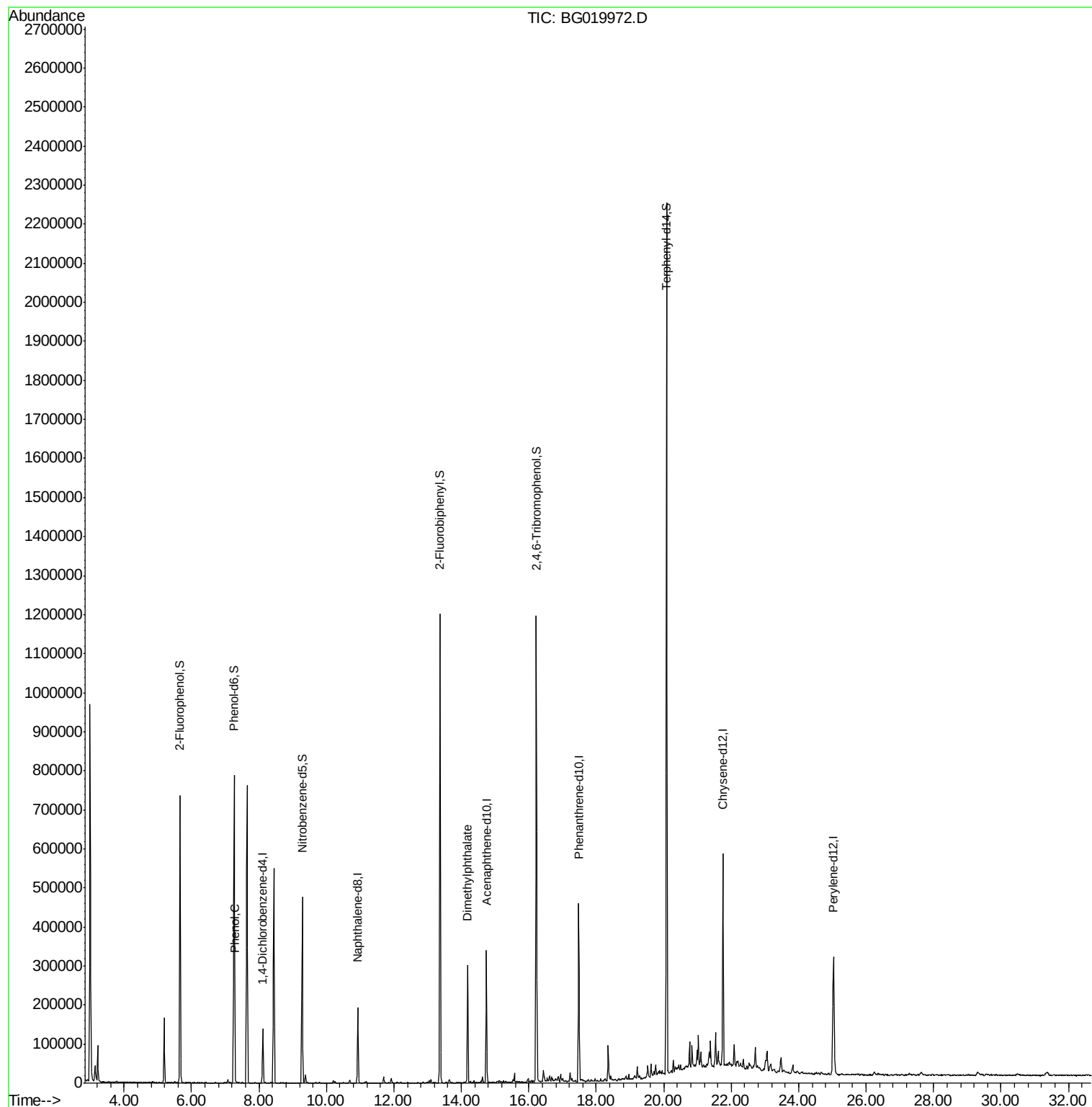
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37180	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	161590	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	111601	20.00	ng	-0.02
63) Phenanthrene-d10	17.48	188	276828	20.00	ng	-0.03
75) Chrysene-d12	21.75	240	342026	20.00	ng	-0.04
86) Perylene-d12	25.04	264	324725	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	303114	147.35	ng	-0.01
7) Phenol-d6	7.26	99	446378	143.72	ng	-0.01
23) Nitrobenzene-d5	9.28	82	299585	94.62	ng	-0.02
41) 2,4,6-Tribromophenol	16.22	330	215913	126.44	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	606967	74.26	ng	-0.02
78) Terphenyl-d14	20.08	244	957423	68.28	ng	-0.03
Target Compounds						
10) Phenol	7.29	94	6640	2.03	ng	Qvalue # 42
49) Dimethylphthalate	14.18	163	193605	19.29	ng	97

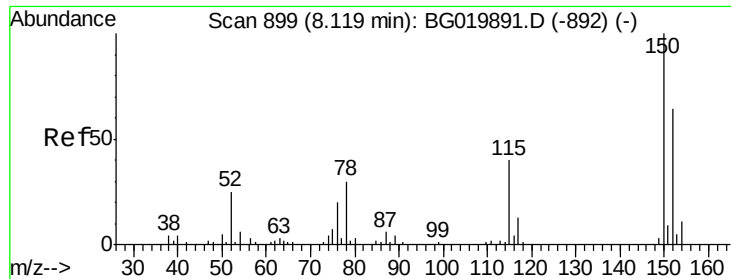
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120615\
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 898

Delta R.T. -0.02 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

Instrument :

BNA_G

ClientSampled :

S23-15

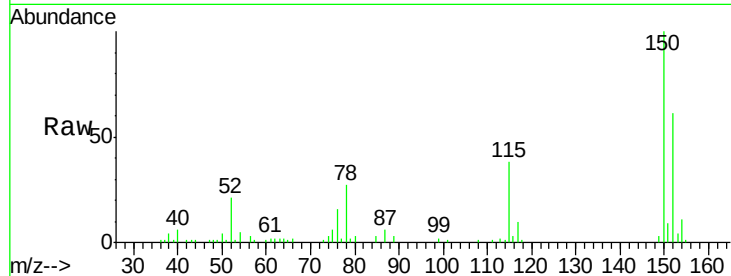
Tgt Ion:152 Resp: 37180

Ion Ratio Lower Upper

152 100

150 163.7 115.0 172.4

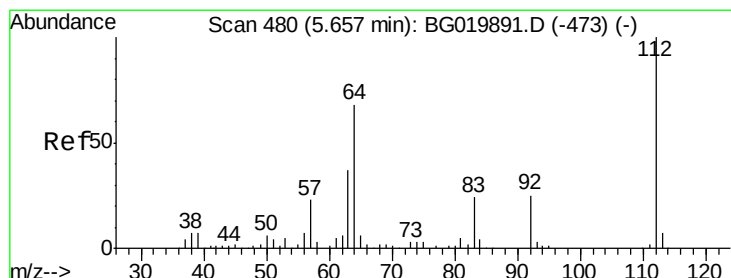
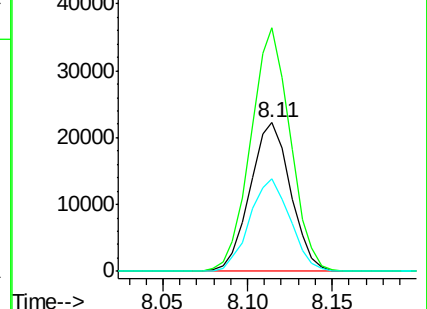
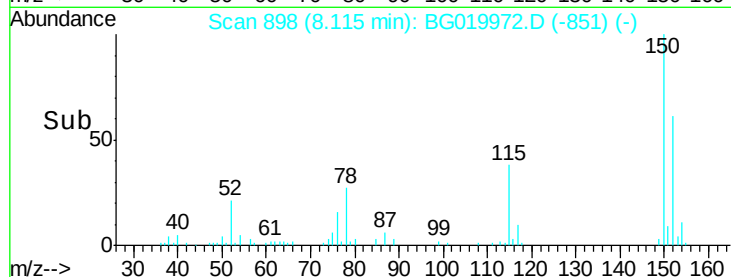
115 62.6 43.9 65.9



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: 147.35 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

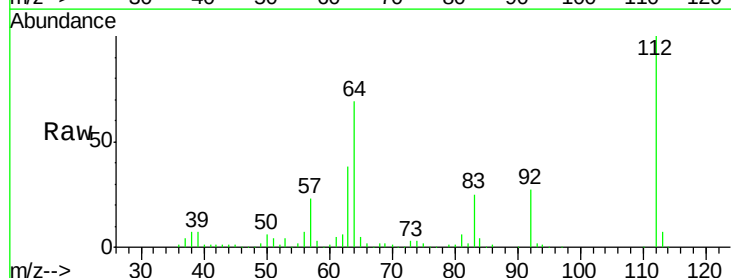
Tgt Ion:112 Resp: 303114

Ion Ratio Lower Upper

112 100

64 68.7 43.7 65.5#

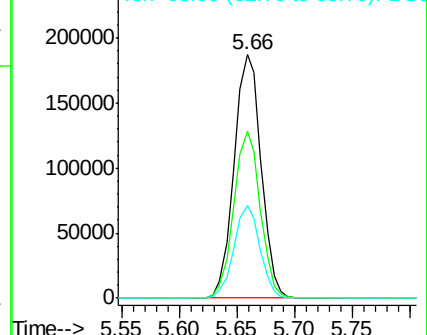
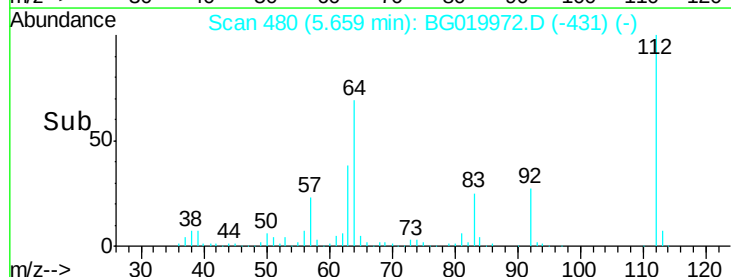
63 37.8 24.0 36.0#

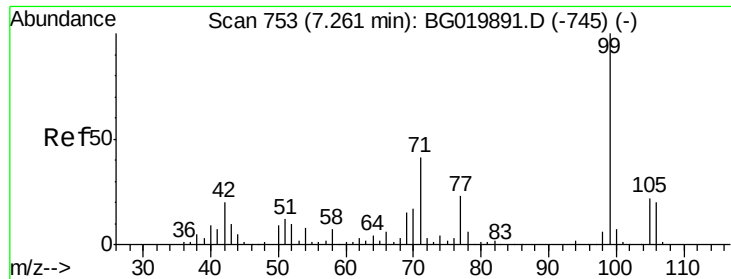


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 143.72 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

Instrument :

BNA_G

ClientSampleId :

S23-15

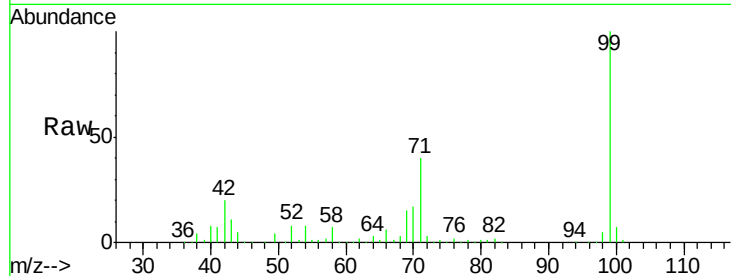
Tgt Ion: 99 Resp: 446378

Ion Ratio Lower Upper

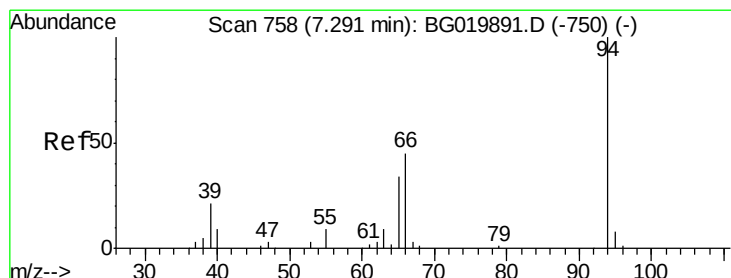
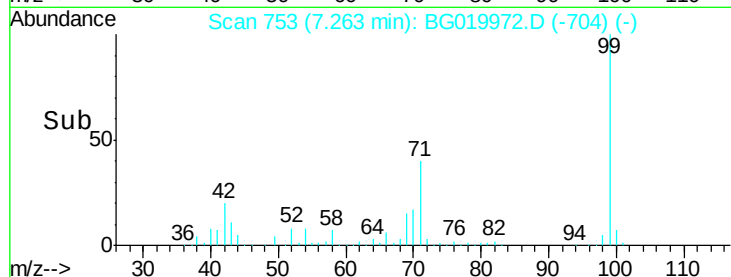
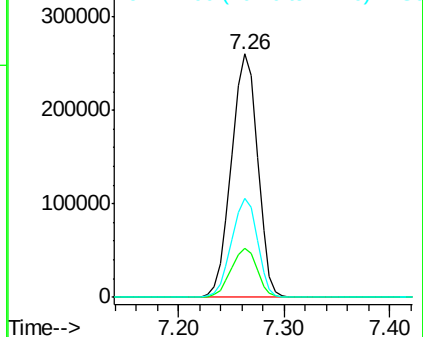
99 100

42 20.1 11.5 17.3#

71 40.4 22.6 34.0#



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: 2.03 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

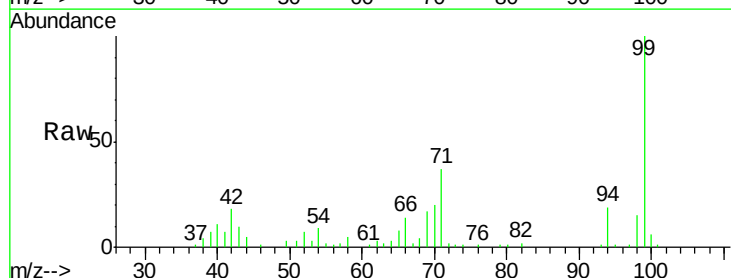
Tgt Ion: 94 Resp: 6640

Ion Ratio Lower Upper

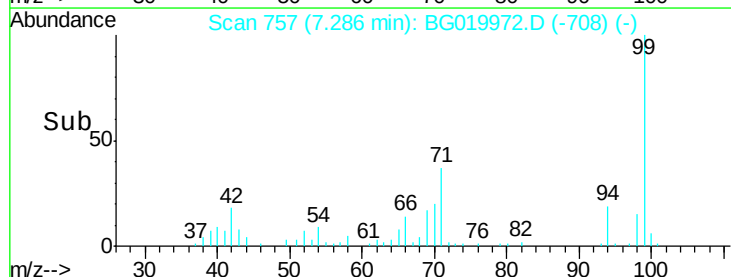
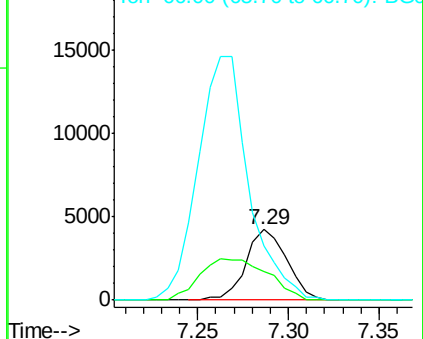
94 100

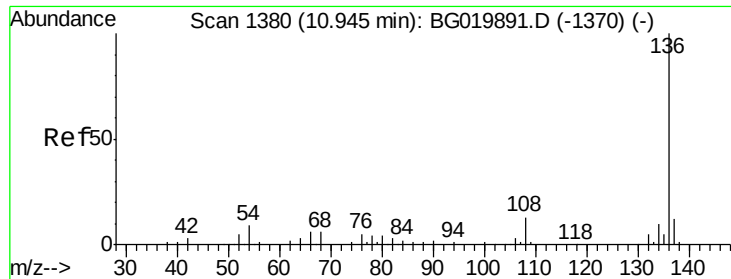
65 40.5 5.4 45.4

66 76.3 11.8 51.8#



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

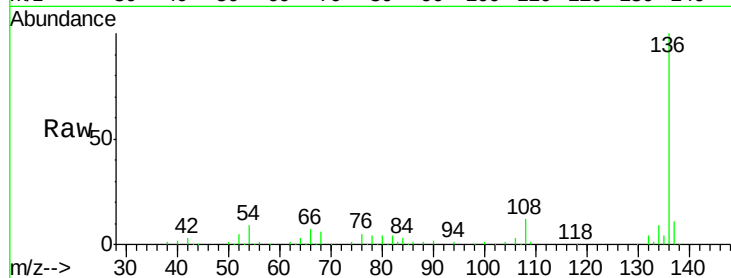




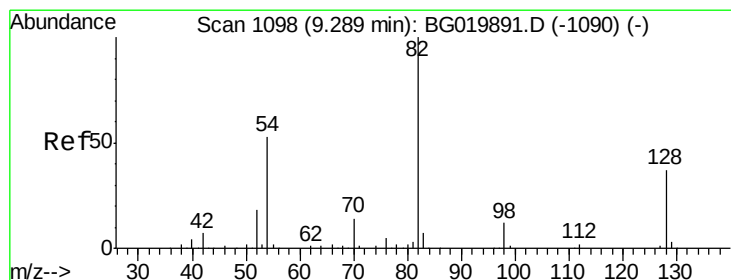
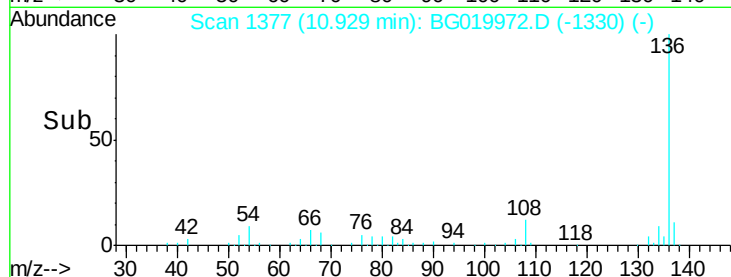
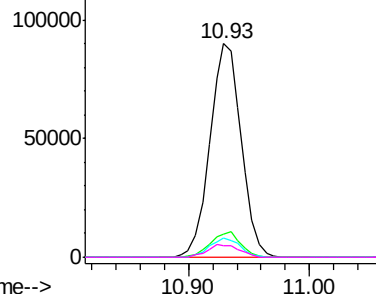
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.93 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BG019972.D
Acq: 6 Dec 2015 18:20

Instrument :
BNA_G
ClientSampleId :
S23-15

Tgt Ion:	136	Resp:	161590
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	8.7	5.4	8.2#
68	5.7	5.3	7.9

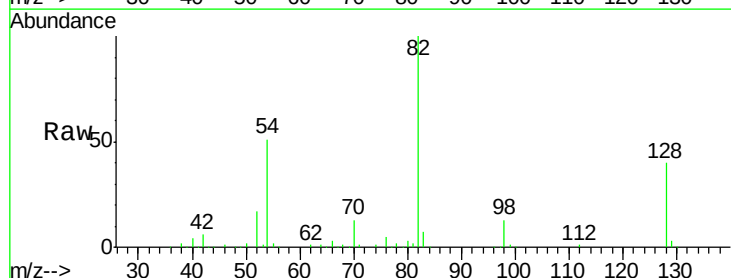


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

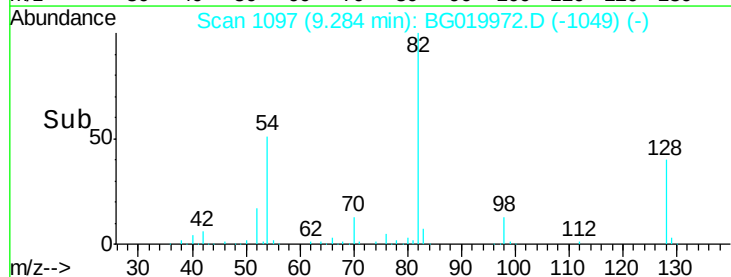
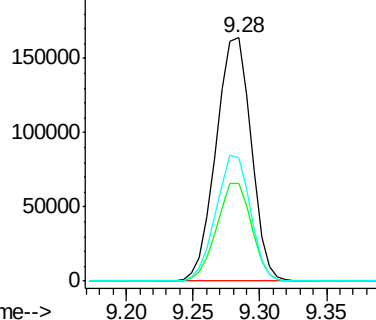


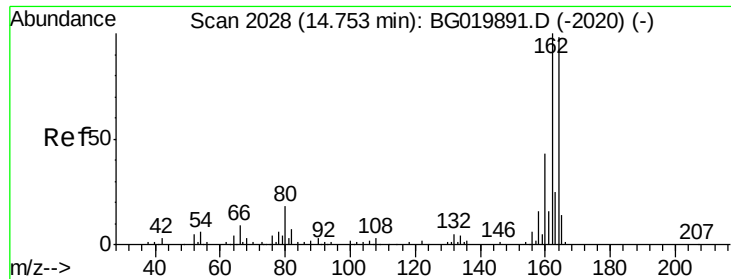
#23
Nitrobenzene-d5
Concen: 94.62 ng
RT: 9.28 min Scan# 1097
Delta R.T. -0.02 min
Lab File: BG019972.D
Acq: 6 Dec 2015 18:20

Tgt Ion:	82	Resp:	299585
Ion	Ratio	Lower	Upper
82	100		
128	40.4	36.7	55.1
54	50.8	33.8	50.8#



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

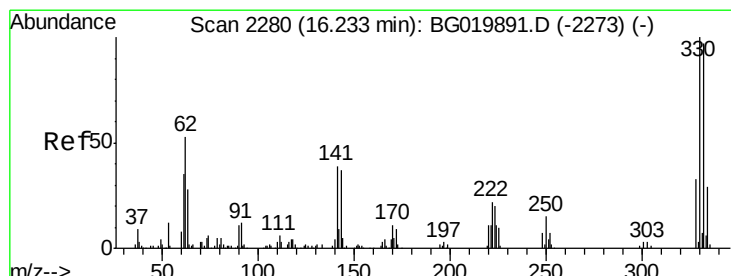
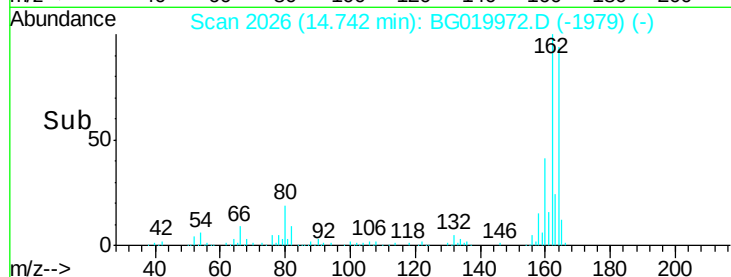
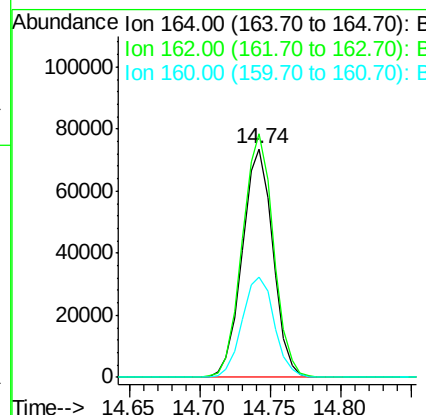
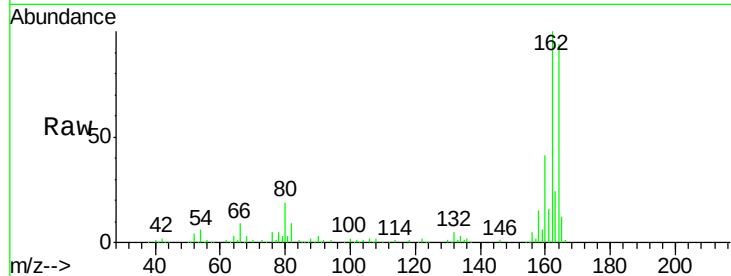




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019972.D
Acq: 6 Dec 2015 18:20

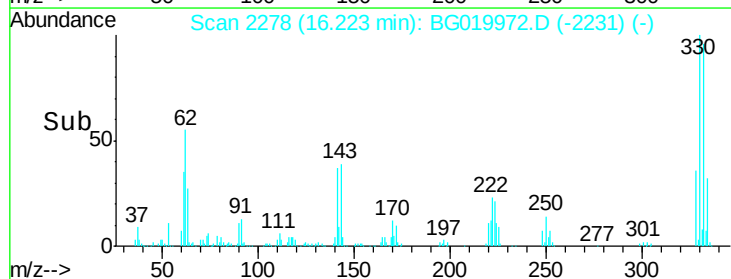
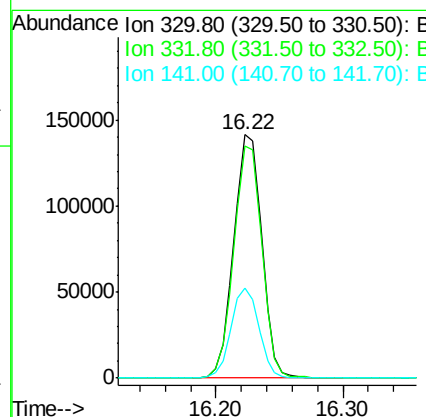
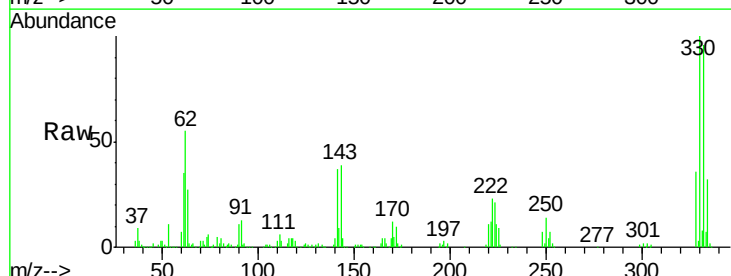
Instrument :
BNA_G
ClientSampleId :
S23-15

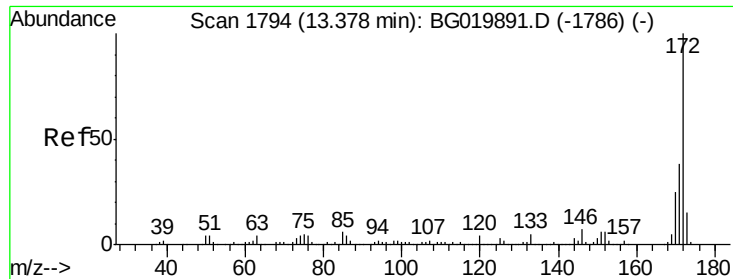
Tgt Ion:164 Resp: 111601
Ion Ratio Lower Upper
164 100
162 106.5 78.8 118.2
160 43.7 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 126.44 ng
RT: 16.22 min Scan# 2278
Delta R.T. -0.02 min
Lab File: BG019972.D
Acq: 6 Dec 2015 18:20

Tgt Ion:330 Resp: 215913
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 37.0 28.2 42.2

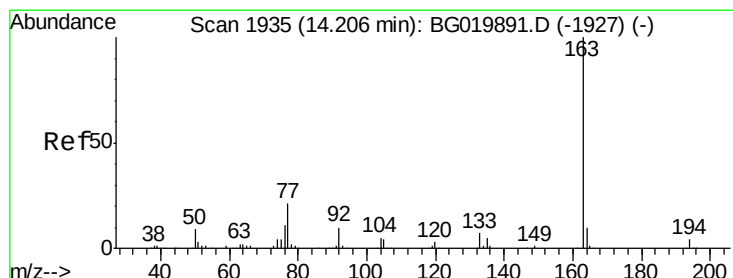
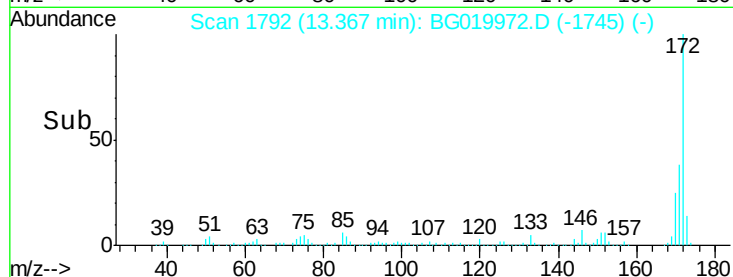
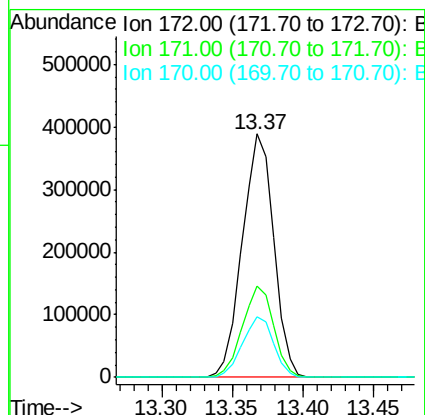
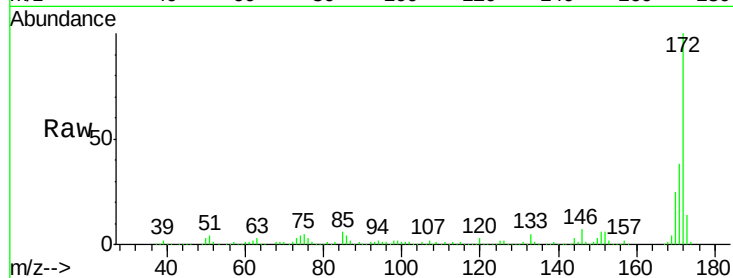




#44
2-Fluorobiphenyl
Concen: 74.26 ng
RT: 13.37 min Scan# 1792
Delta R.T. -0.02 min
Lab File: BG019972.D
Acq: 6 Dec 2015 18:20

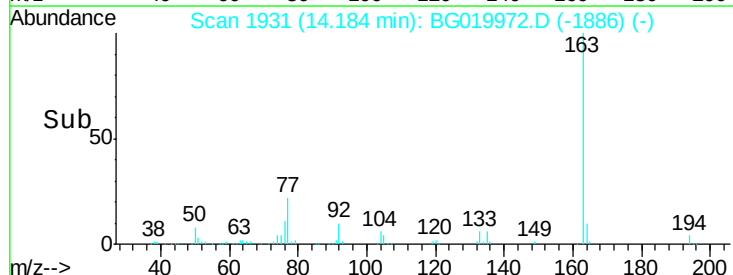
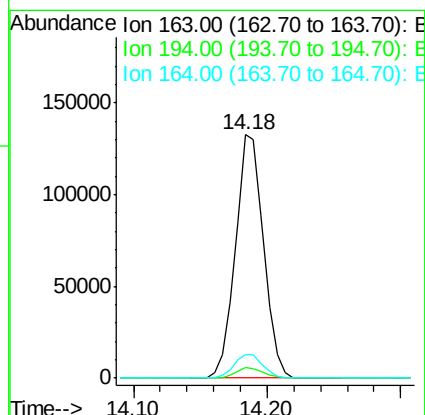
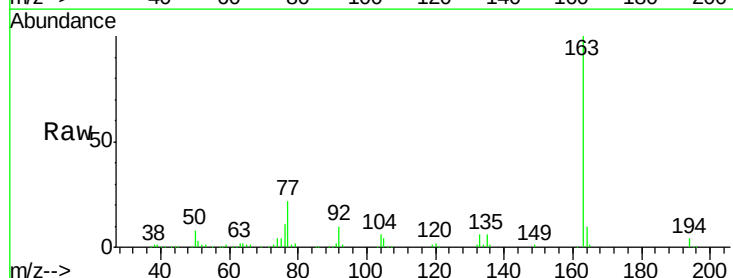
Instrument :
BNA_G
ClientSampleId :
S23-15

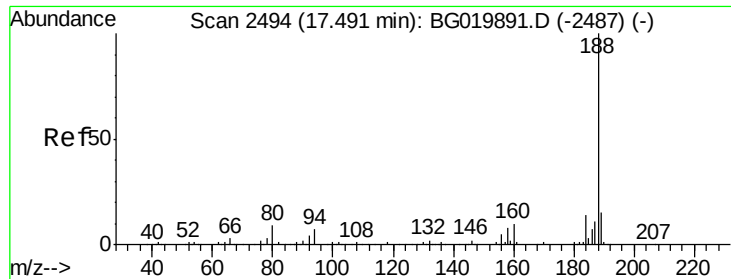
Tgt Ion:172 Resp: 606967
Ion Ratio Lower Upper
172 100
171 37.7 29.0 43.6
170 24.7 19.9 29.9



#49
Dimethylphthalate
Concen: 19.29 ng
RT: 14.18 min Scan# 1931
Delta R.T. -0.03 min
Lab File: BG019972.D
Acq: 6 Dec 2015 18:20

Tgt Ion:163 Resp: 193605
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 9.7 8.8 13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.03 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

Instrument :

BNA_G

ClientSampleId :

S23-15

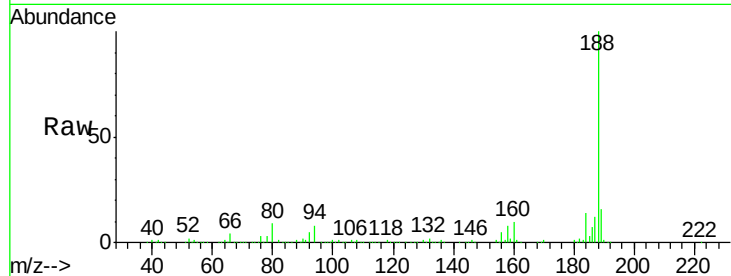
Tgt Ion:188 Resp: 276828

Ion Ratio Lower Upper

188 100

94 7.7 7.7 11.5

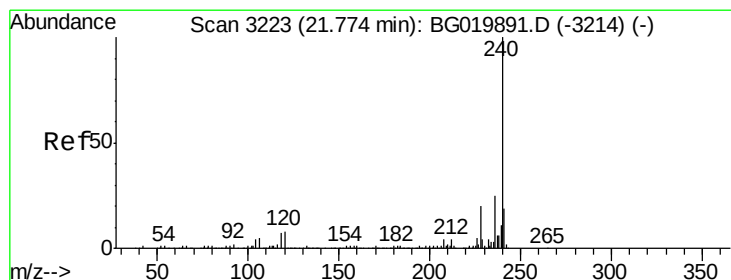
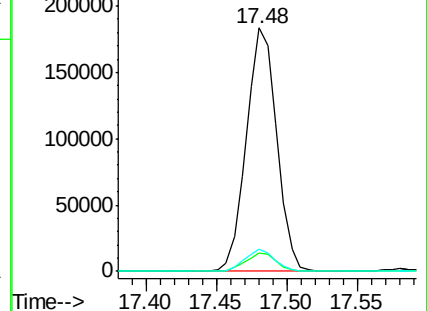
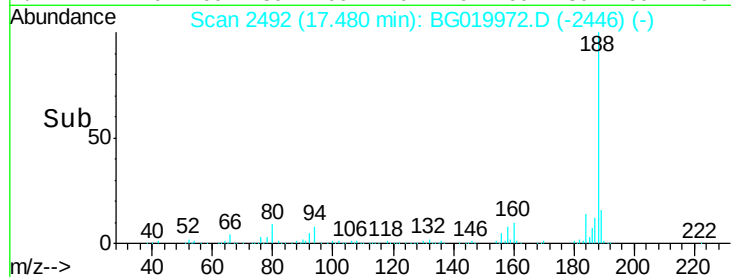
80 9.2 7.8 11.8



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: 21.75 min Scan# 3219

Delta R.T. -0.04 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

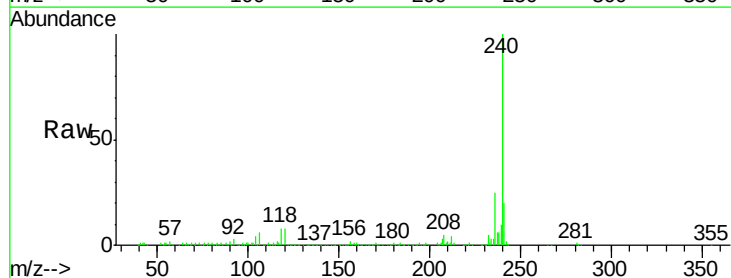
Tgt Ion:240 Resp: 342026

Ion Ratio Lower Upper

240 100

120 7.5 7.4 11.0

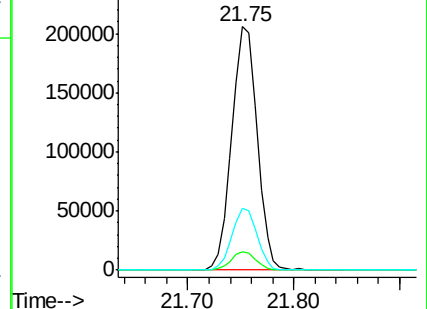
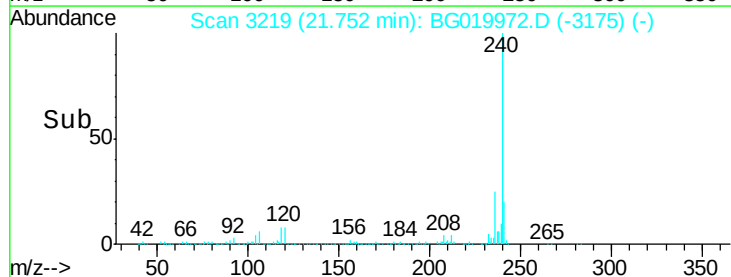
236 25.3 20.7 31.1

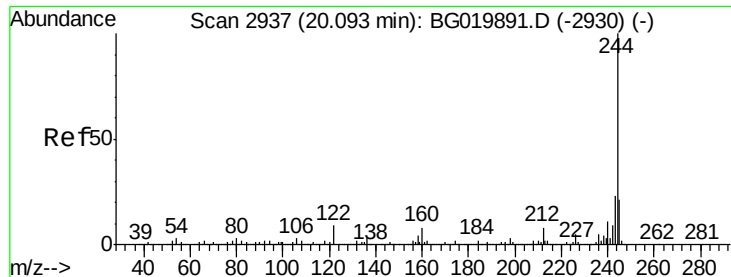


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.28 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

Instrument :

BNA_G

ClientSampleId :

S23-15

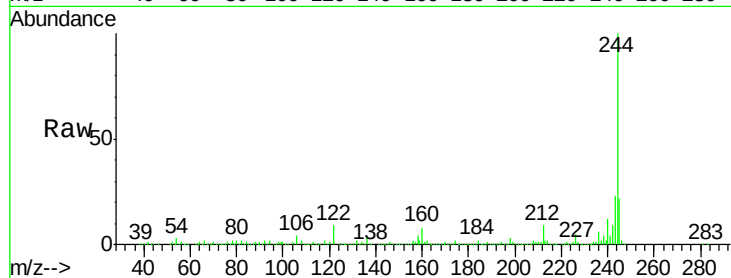
Tgt Ion:244 Resp: 957423

Ion Ratio Lower Upper

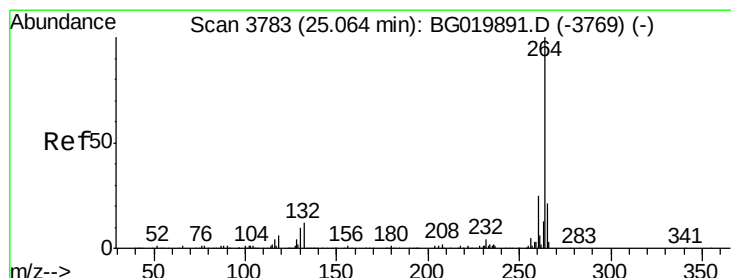
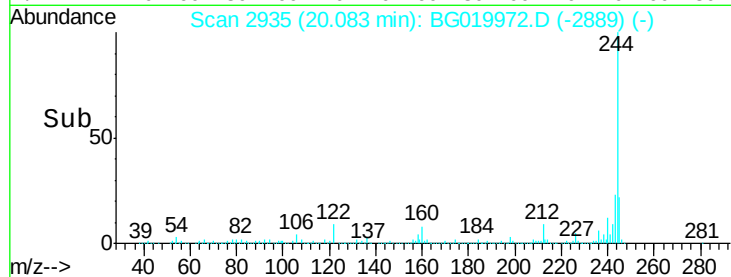
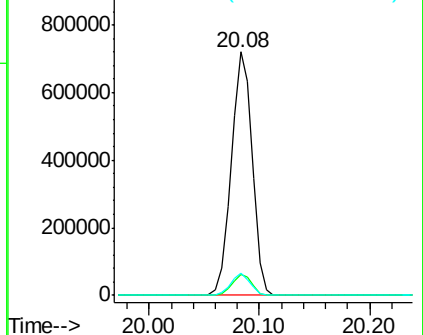
244 100

212 8.6 6.9 10.3

122 8.8 10.2 15.2#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG019972.D

Acq: 6 Dec 2015 18:20

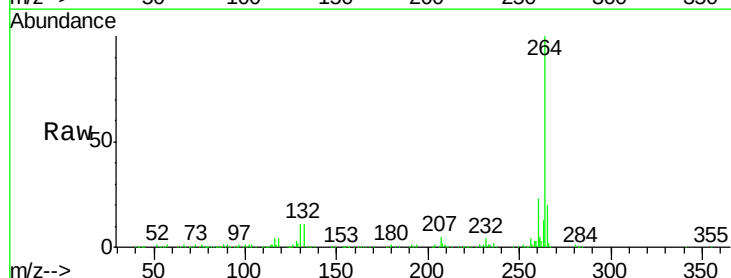
Tgt Ion:264 Resp: 324725

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 20.2 17.2 25.8



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

