

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120315\
 Data File : BG019894.D
 Acq On : 4 Dec 2015 6:21
 Operator : UM/NP
 Sample : G4609-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3-8.5-9.0-113015

Quant Time: Dec 04 07:45:06 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

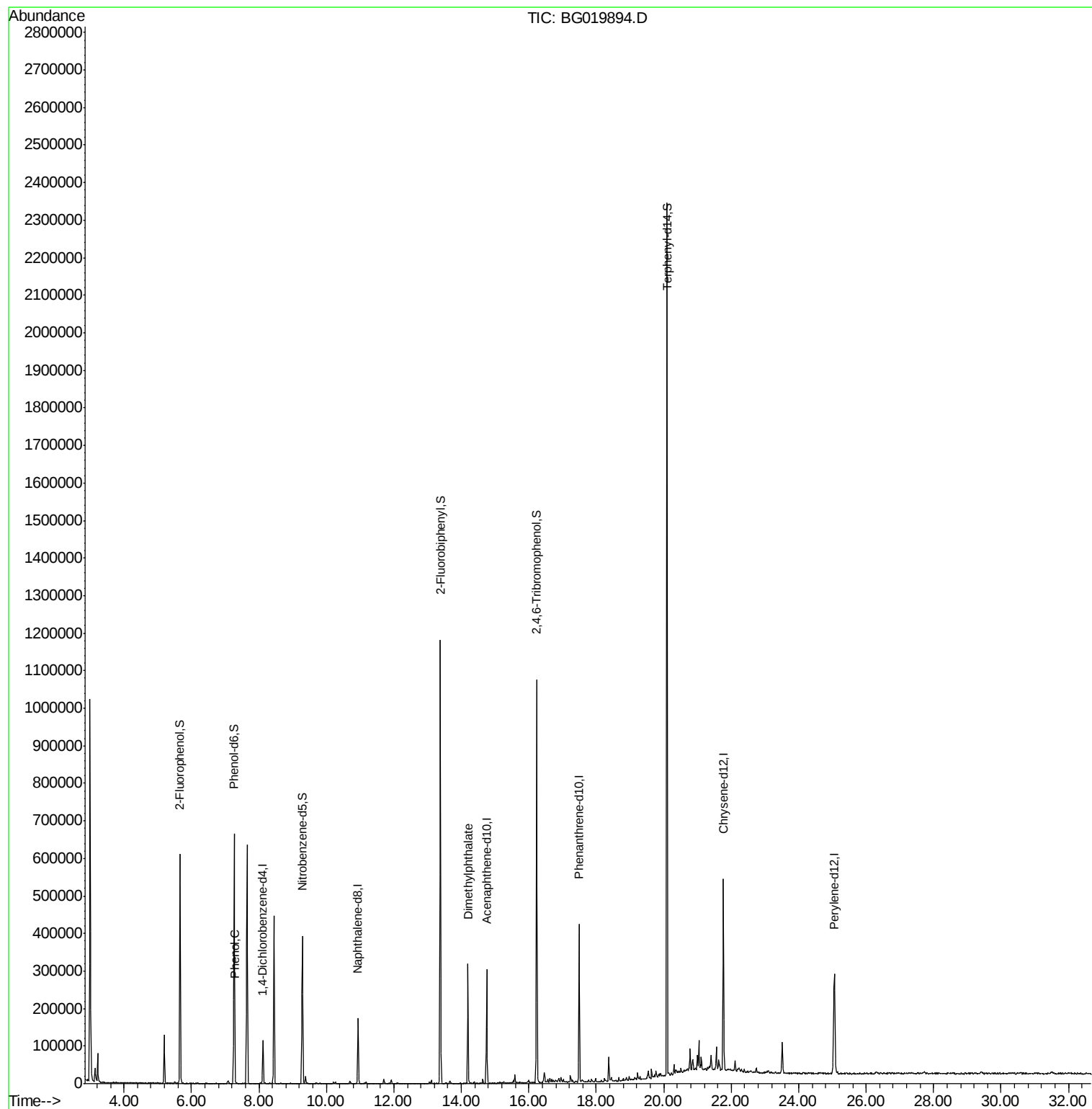
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	31912	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	140903	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	100333	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	256166	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	310592	20.00	ng	-0.03
86) Perylene-d12	25.05	264	293352	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	247233	140.02	ng	0.00
7) Phenol-d6	7.27	99	365911	137.26	ng	0.00
23) Nitrobenzene-d5	9.29	82	240713	87.19	ng	-0.01
41) 2,4,6-Tribromophenol	16.23	330	187568	122.18	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	582133	79.22	ng	-0.01
78) Terphenyl-d14	20.10	244	995681	78.19	ng	-0.01
Target Compounds						
10) Phenol	7.29	94	5633	2.01	ng	Qvalue # 63
49) Dimethylphthalate	14.20	163	195131	21.62	ng	99

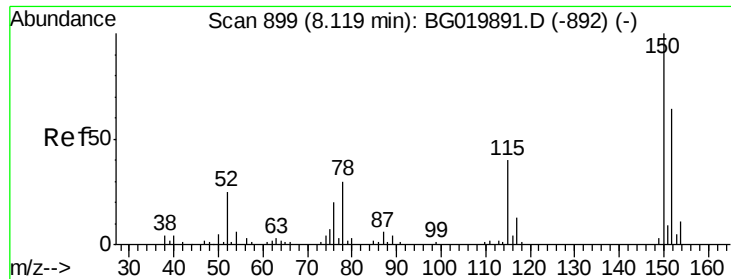
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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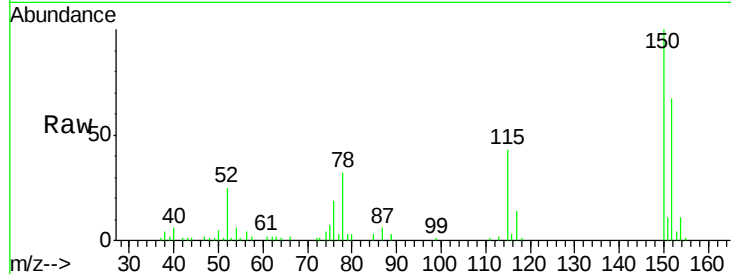


#1

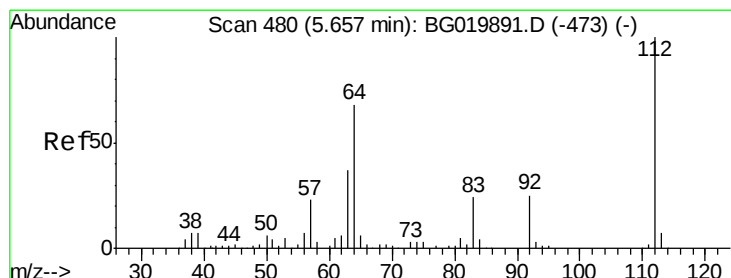
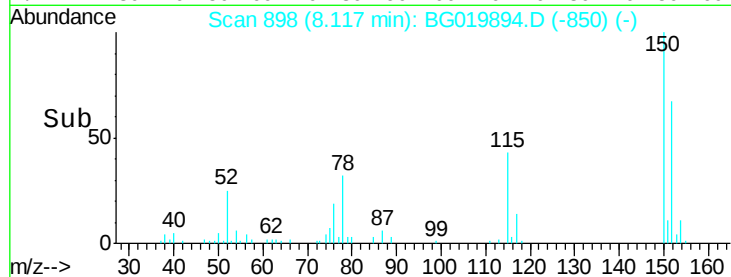
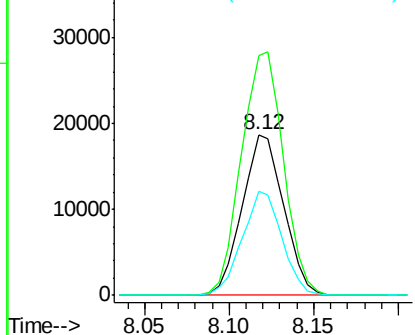
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tot Ion:152 Resp: 31912
Ion Ratio Lower Upper
152 100
150 149.3 115.0 172.4
115 64.6 43.9 65.9



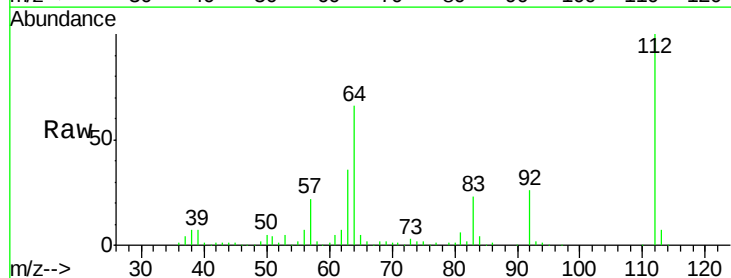
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



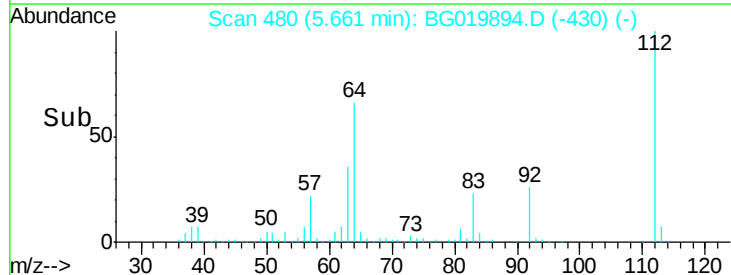
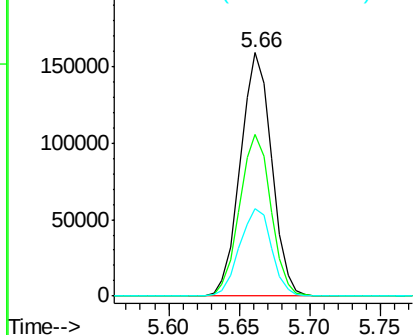
#5

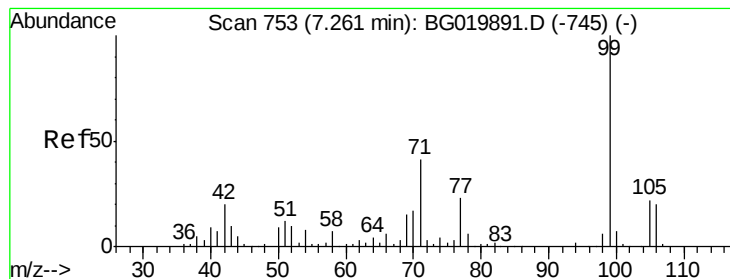
2-Fluorophenol
Concen: 140.02 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:112 Resp: 247233
Ion Ratio Lower Upper
112 100
64 66.4 43.7 65.5#
63 35.7 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: 137.26 ng

RT: 7.27 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015

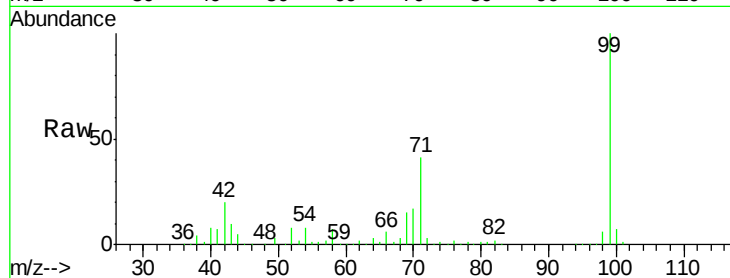
Tot Ion: 99 Resp: 365911

Ion Ratio Lower Upper

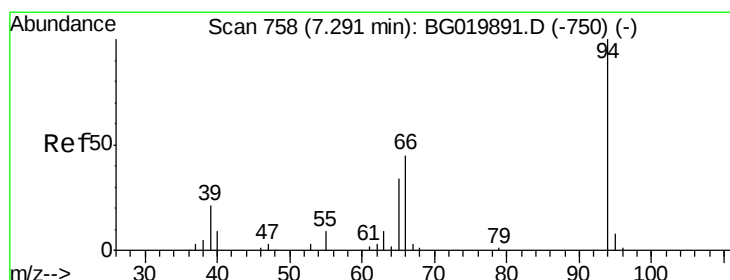
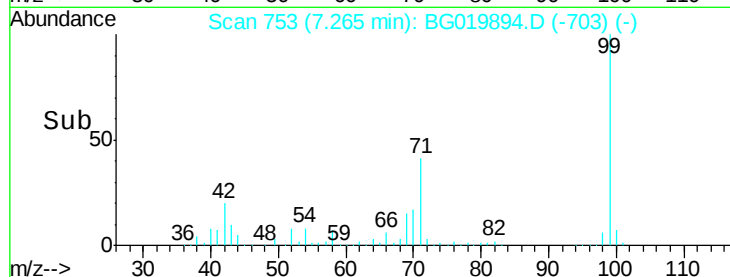
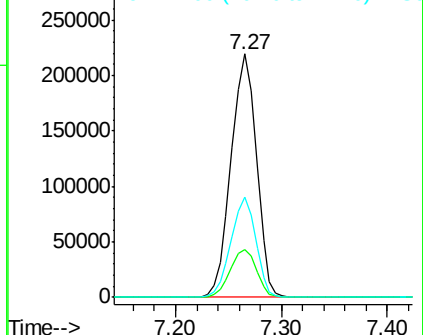
99 100

42 19.9 11.5 17.3#

71 41.0 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: 2.01 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

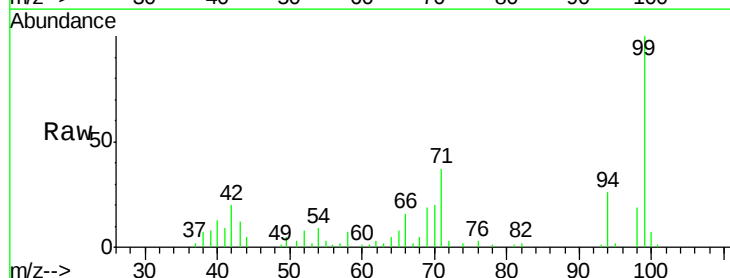
Tgt Ion: 94 Resp: 5633

Ion Ratio Lower Upper

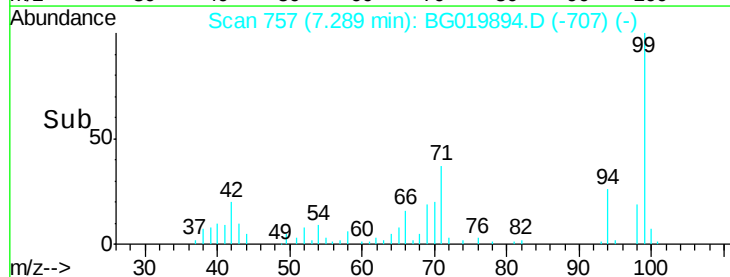
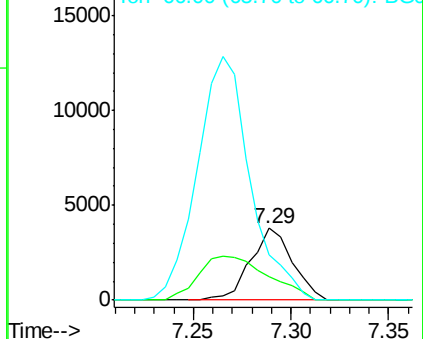
94 100

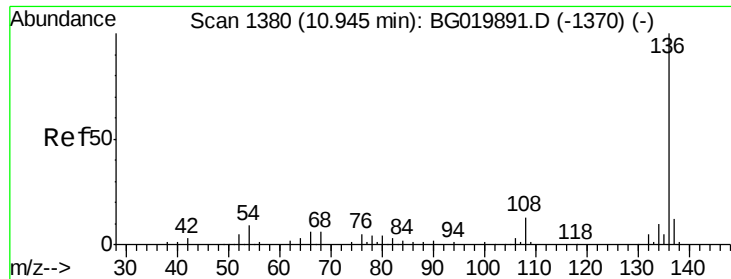
65 31.9 5.4 45.4

66 62.9 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

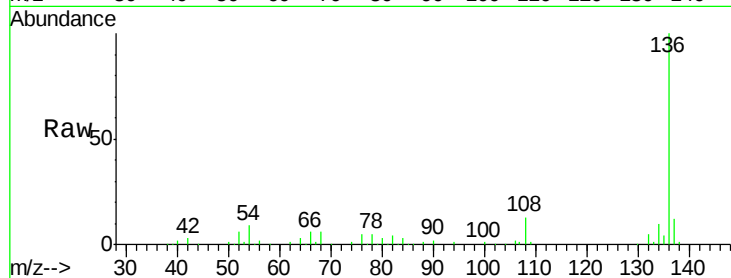




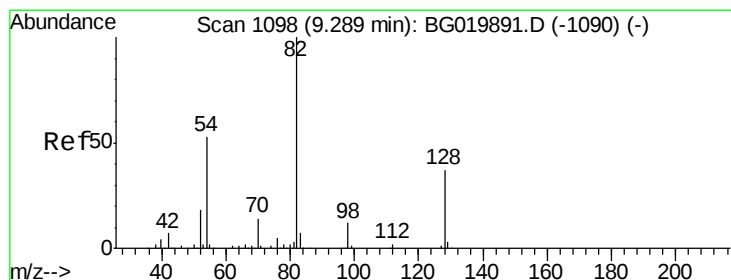
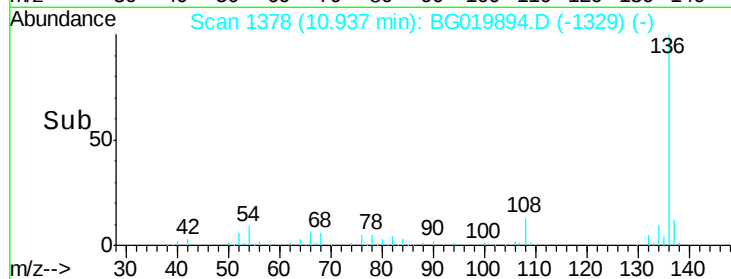
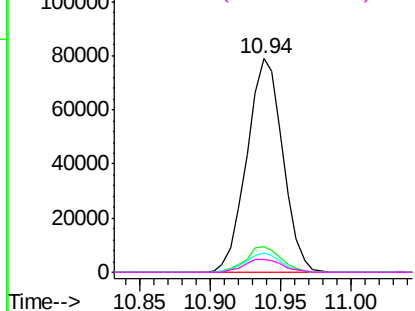
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

Tot Ion:136	Resp:	140903
Ion Ratio	Lower	Upper
136	100	
137	12.1	8.6 12.8
54	9.1	5.4 8.2#
68	6.0	5.3 7.9

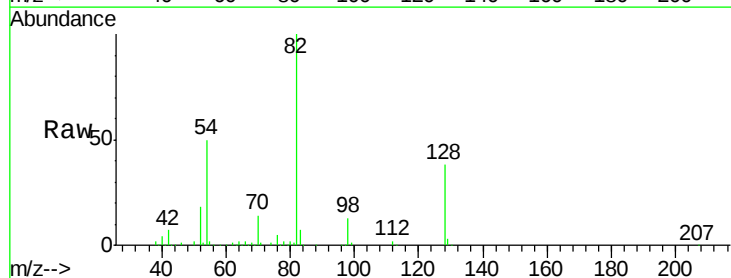


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

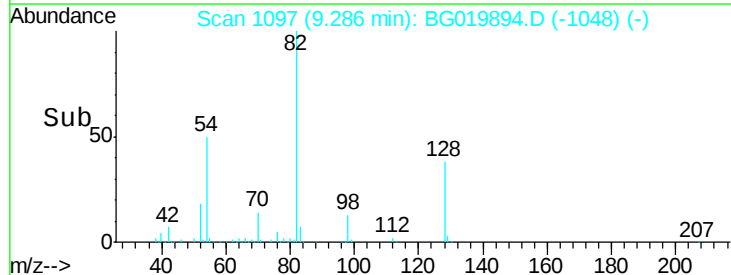
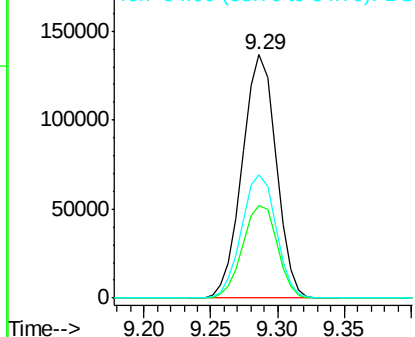


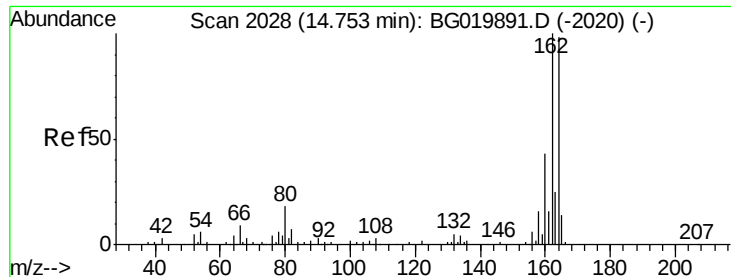
#23
Nitrobenzene-d5
Concen: 87.19 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion: 82	Resp:	240713
Ion Ratio	Lower	Upper
82	100	
128	37.8	36.7 55.1
54	50.4	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: 14.75 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015

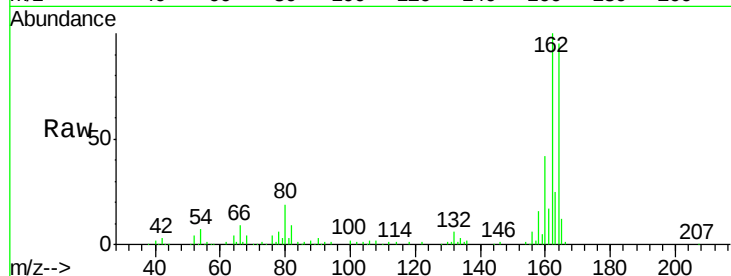
Tot Ion:164 Resp: 100333

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

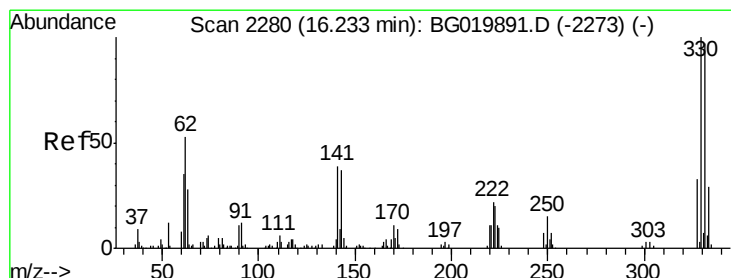
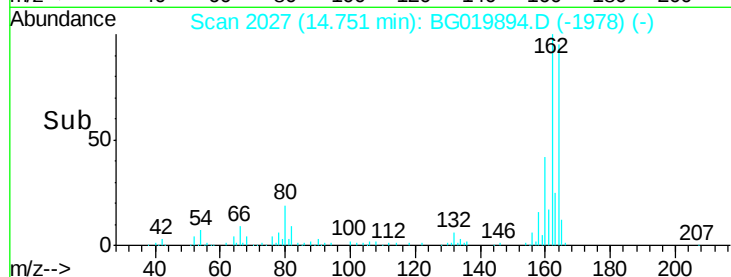
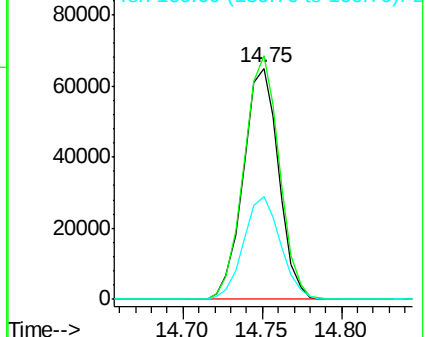
160 44.6 36.4 54.6



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: 122.18 ng

RT: 16.23 min Scan# 2279

Delta R.T. -0.01 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

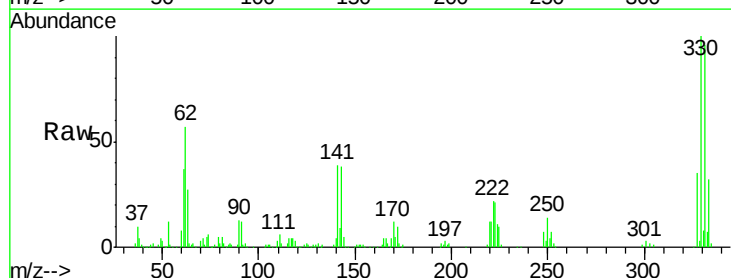
Tgt Ion:330 Resp: 187568

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

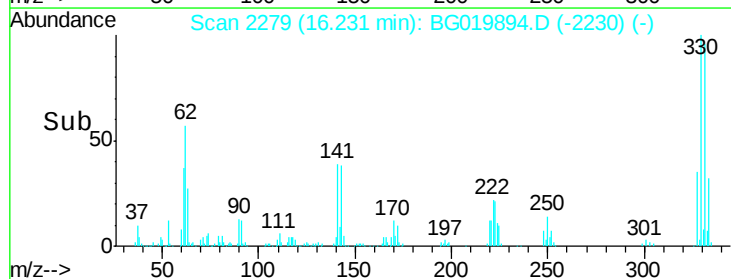
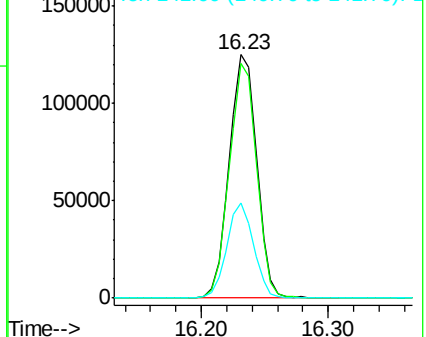
141 38.1 28.2 42.2

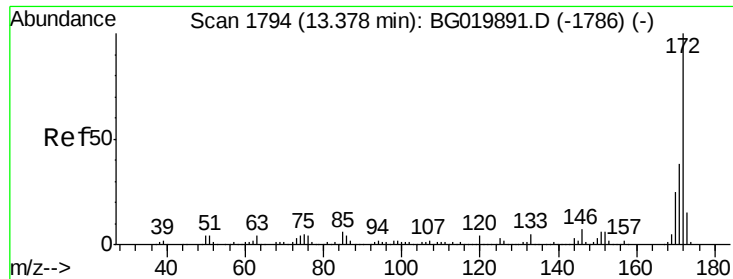


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

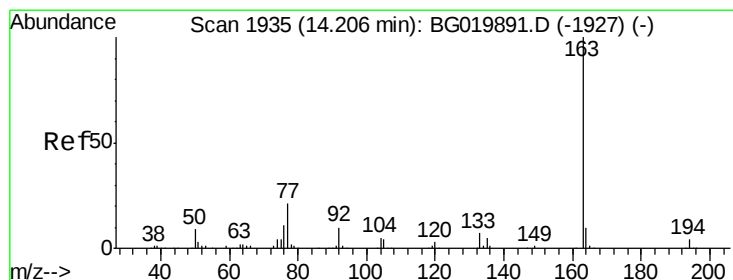
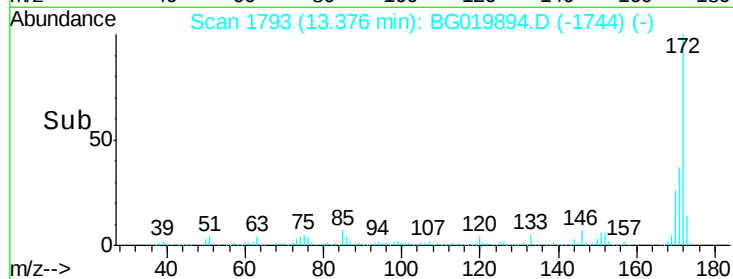
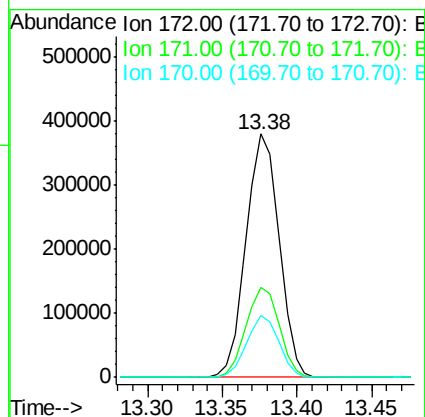
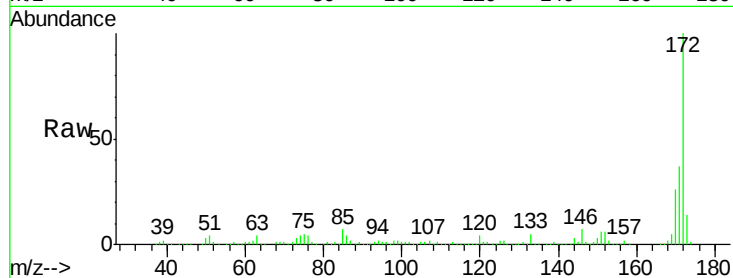




#44
2-Fluorobiphenyl
Concen: 79.22 ng
RT: 13.38 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

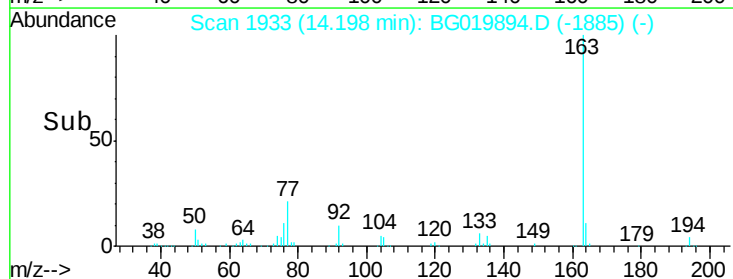
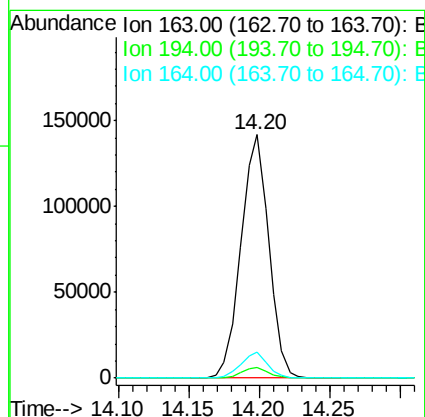
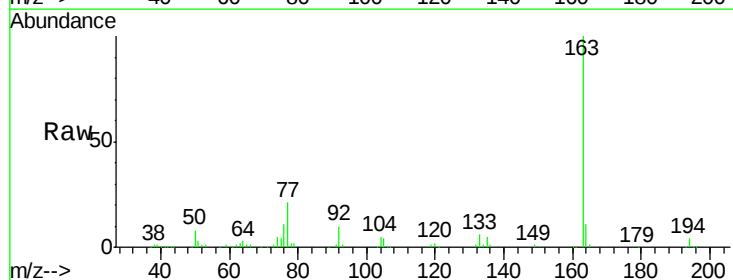
Instrument :
BNA_G
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SB-3-8.5-9.0-113015

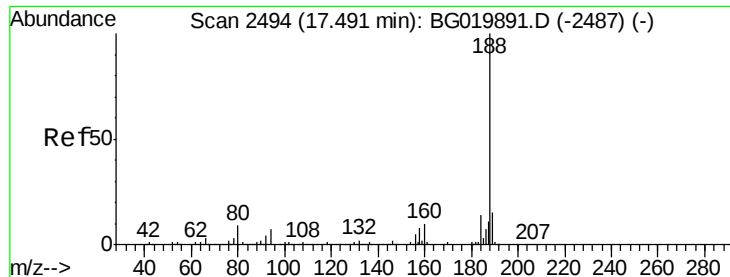
Tot Ion:172 Resp: 582133
Ion Ratio Lower Upper
172 100
171 37.1 29.0 43.6
170 25.6 19.9 29.9



#49
Dimethylphthalate
Concen: 21.62 ng
RT: 14.20 min Scan# 1933
Delta R.T. -0.02 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

Tgt Ion:163 Resp: 195131
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.5 8.8 13.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.49 min Scan# 2493

Delta R.T. -0.02 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015

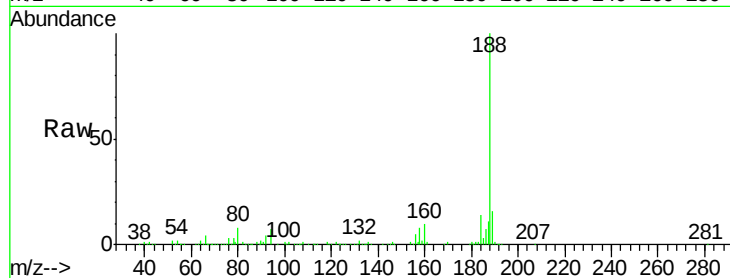
Tot Ion:188 Resp: 256166

Ion Ratio Lower Upper

188 100

94 7.3 7.7 11.5#

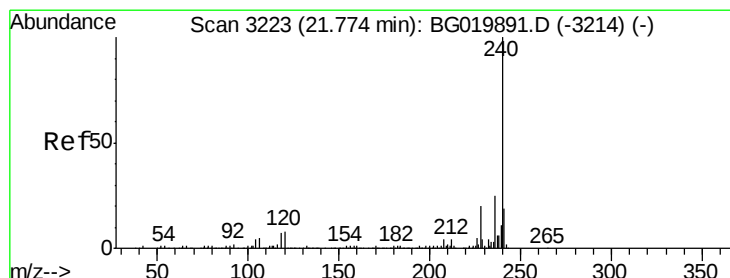
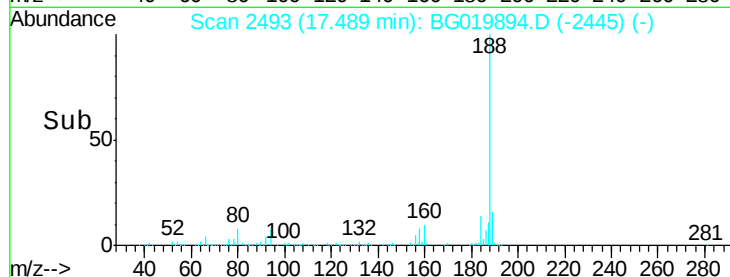
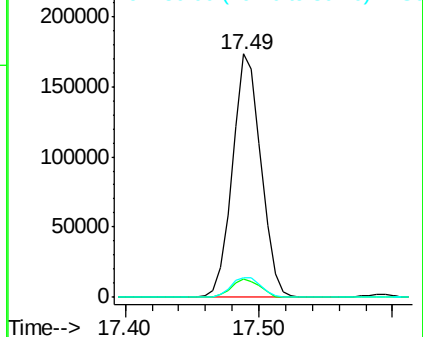
80 8.3 7.8 11.8



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: 21.77 min Scan# 3221

Delta R.T. -0.03 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

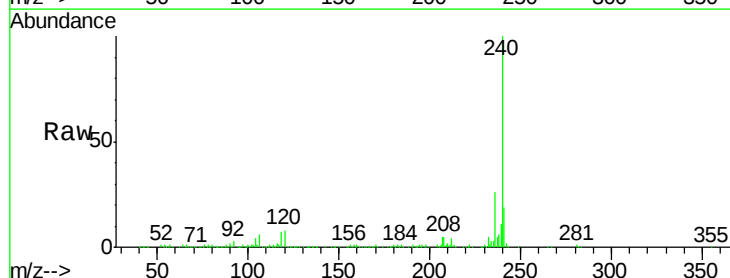
Tgt Ion:240 Resp: 310592

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

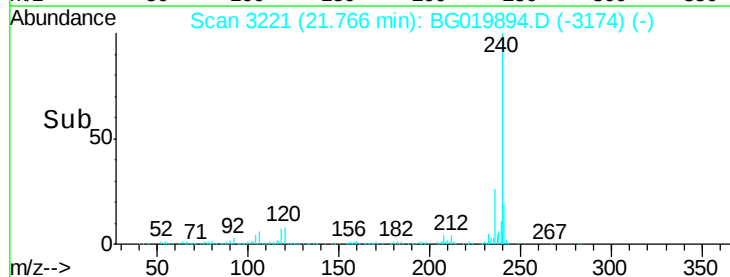
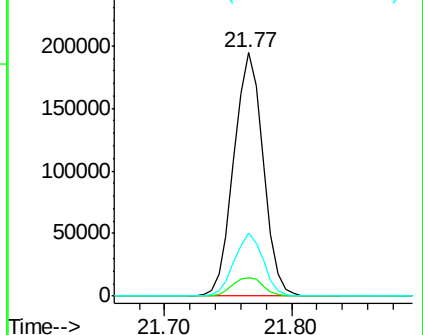
236 26.0 20.7 31.1

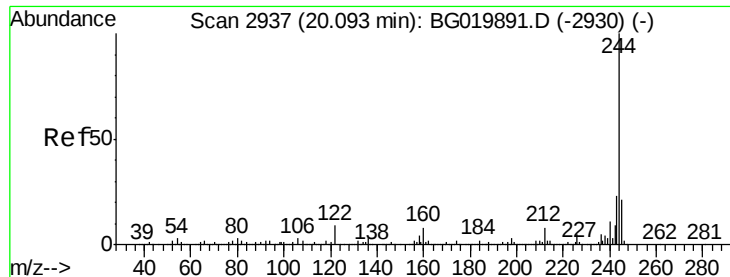


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.19 ng

RT: 20.10 min Scan# 2937

Delta R.T. -0.01 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015

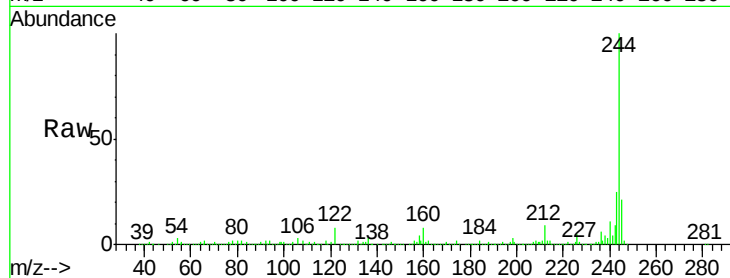
Tot Ion:244 Resp: 995681

Ion Ratio Lower Upper

244 100

212 8.9 6.9 10.3

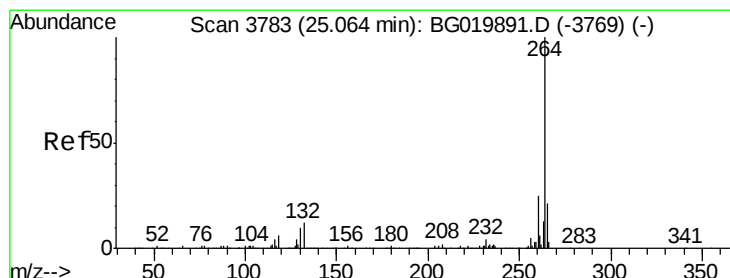
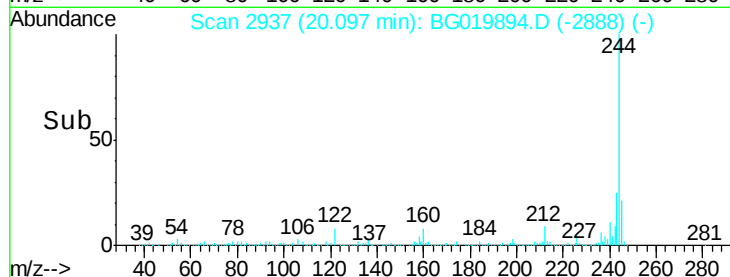
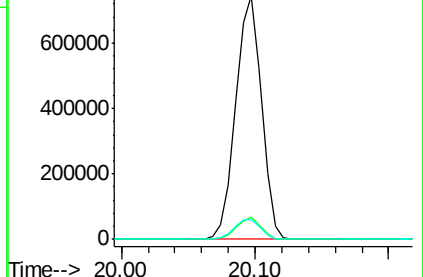
122 8.2 10.2 15.2#



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: 25.05 min Scan# 3780

Delta R.T. -0.04 min

Lab File: BG019894.D

Acq: 4 Dec 2015 6:21

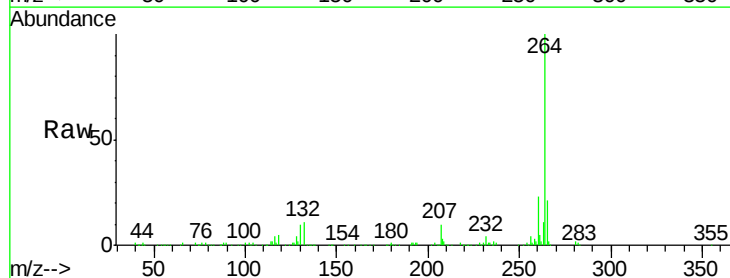
Tgt Ion:264 Resp: 293352

Ion Ratio Lower Upper

264 100

260 23.2 18.5 27.7

265 21.3 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

