

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

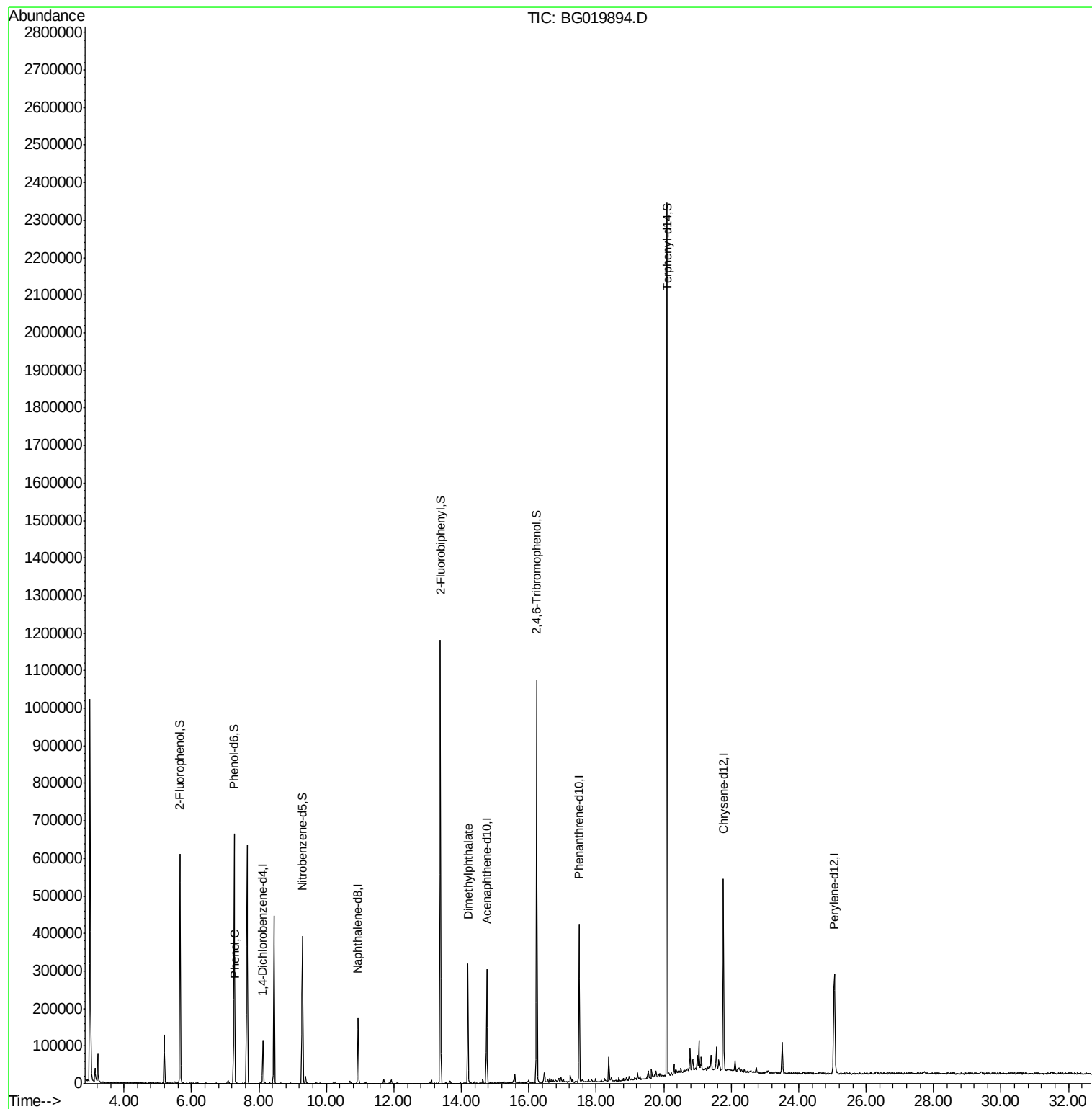
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	31912	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	140903	20.00	ng	-0.01
38) Acenaphthene-d10	14.75	164	100333	20.00	ng	-0.01
63) Phenanthrene-d10	17.49	188	256166	20.00	ng	-0.02
75) Chrysene-d12	21.77	240	310592	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

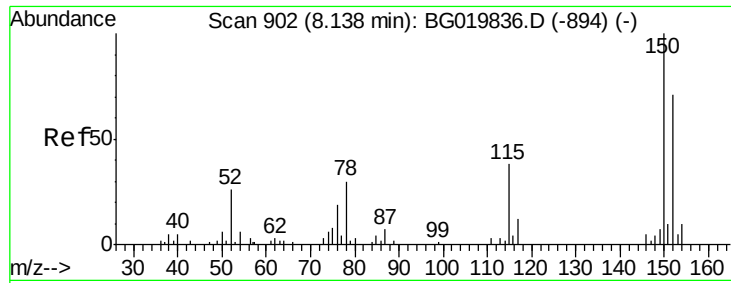
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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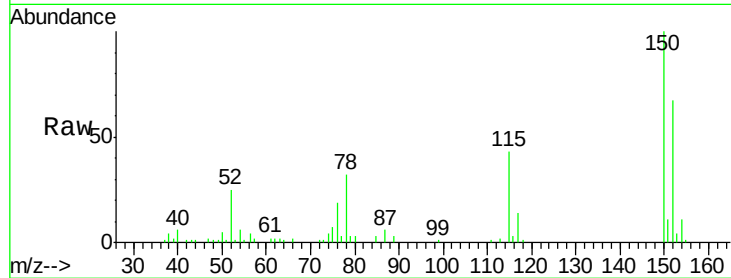




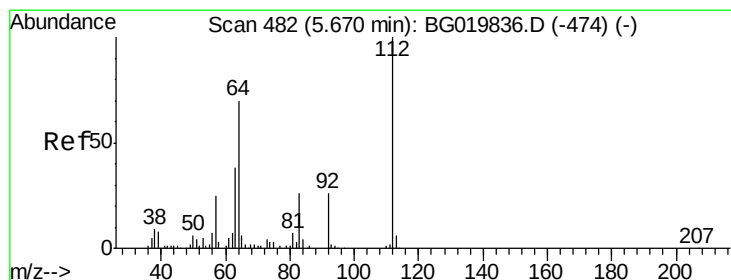
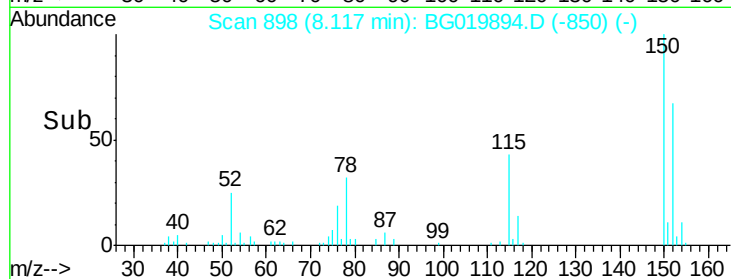
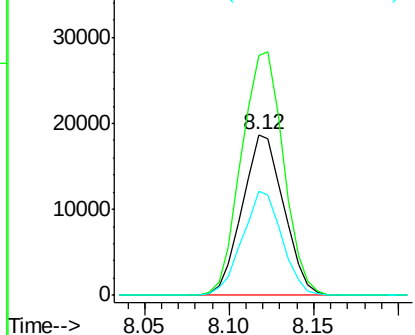
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019894.D
 Acq: 4 Dec 2015 6:21

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

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

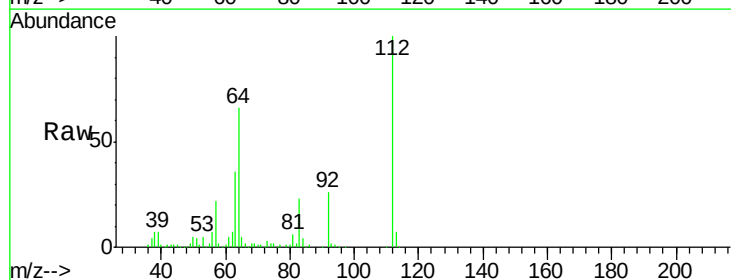


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

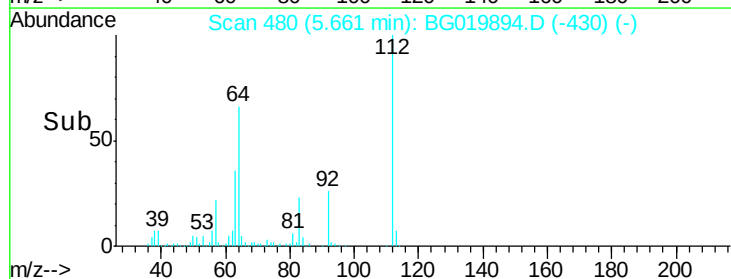
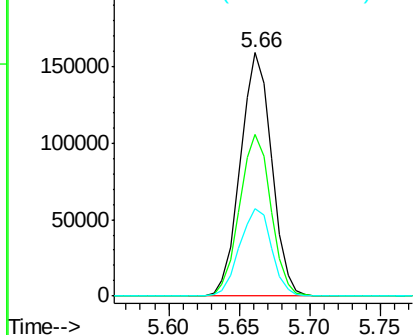


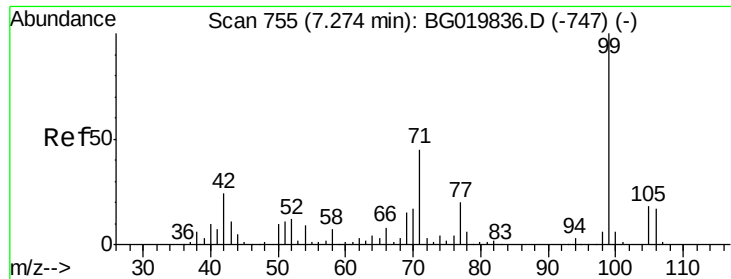
#5
 2-Fluorophenol
 Concen: 140.02 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019894.D
 Acq: 4 Dec 2015 6:21

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

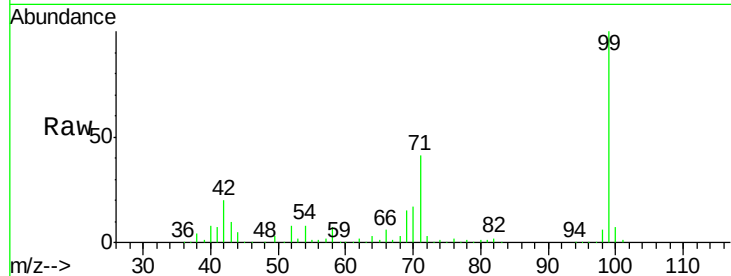
Tgt Ion: 99 Resp: 365911

Ion Ratio Lower Upper

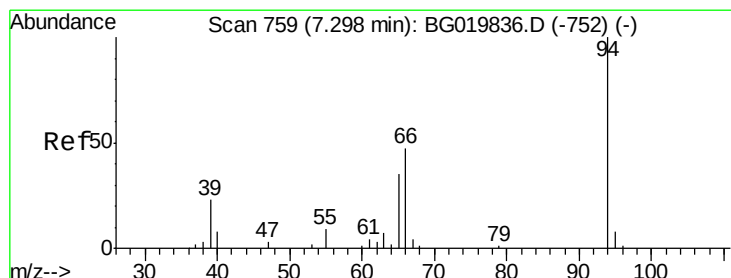
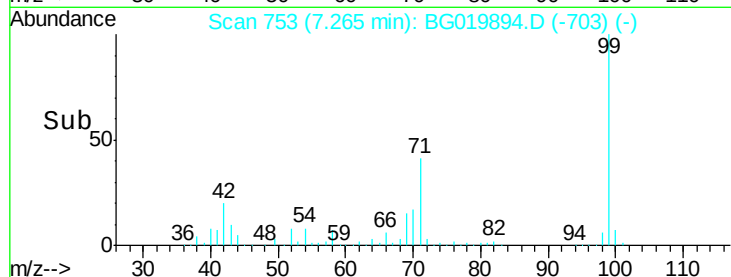
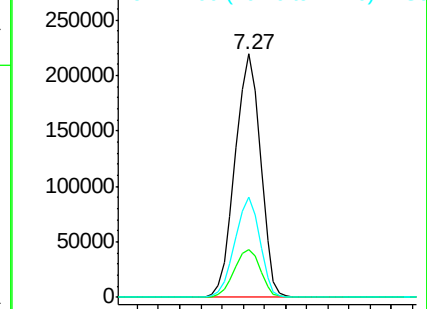
99 100

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

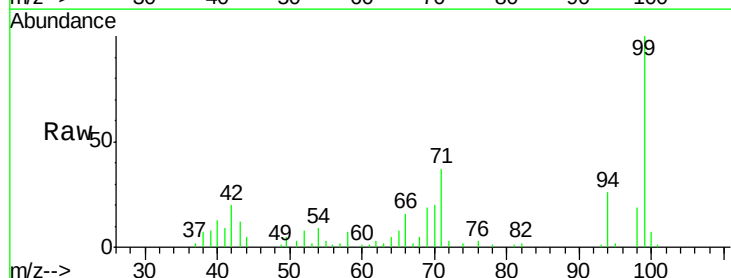
Tgt Ion: 94 Resp: 5633

Ion Ratio Lower Upper

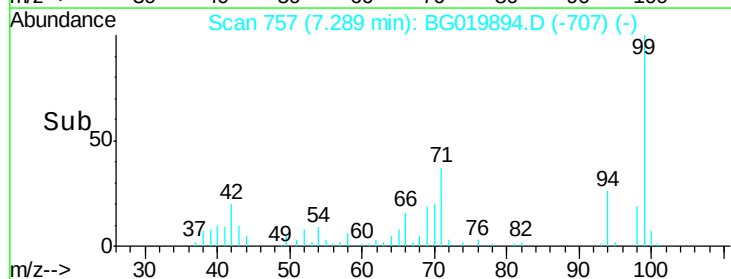
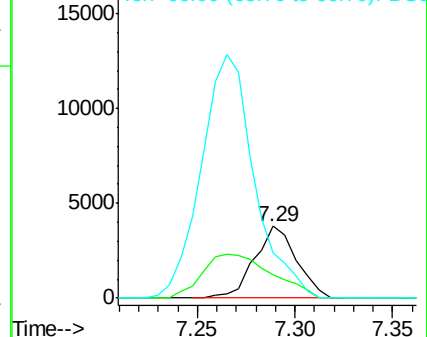
94 100

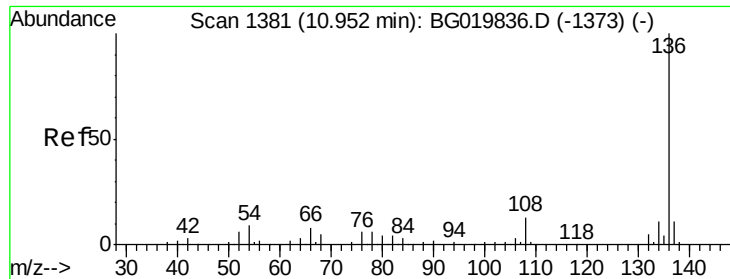
65 31.9 5.4 45.4

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

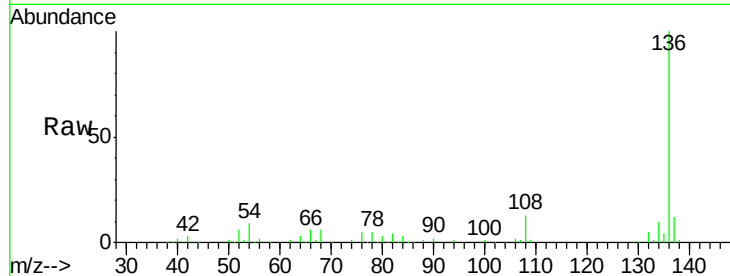




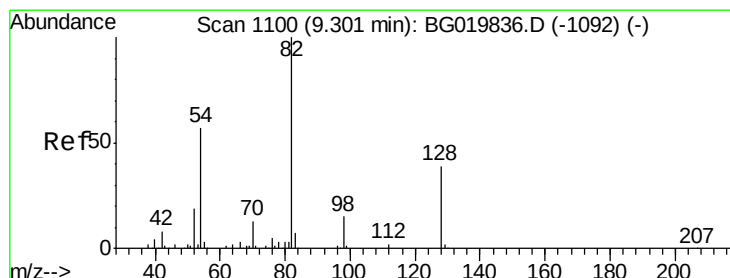
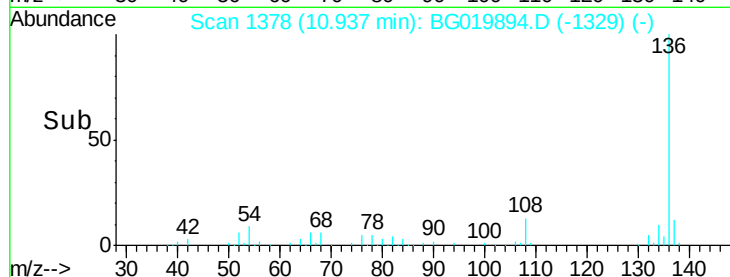
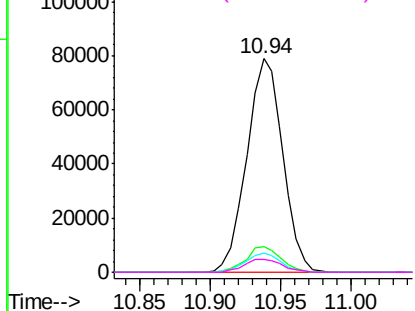
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.94 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

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

Tgt 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

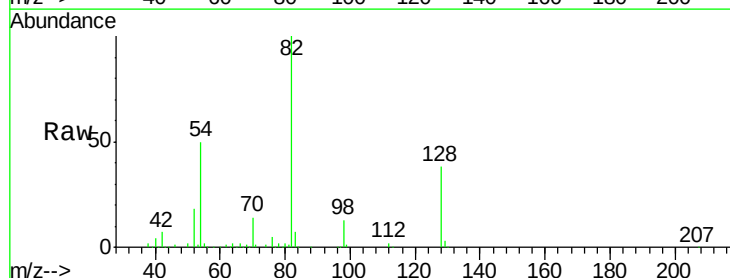


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

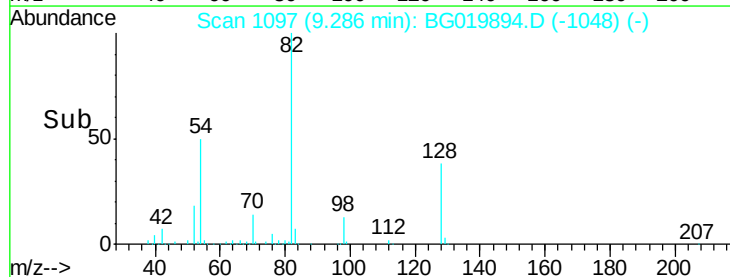
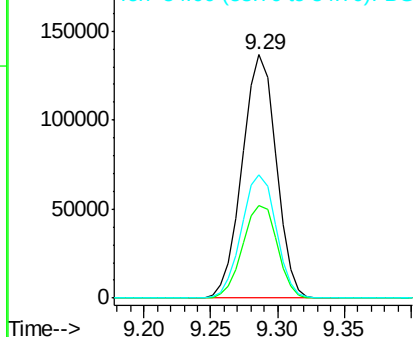


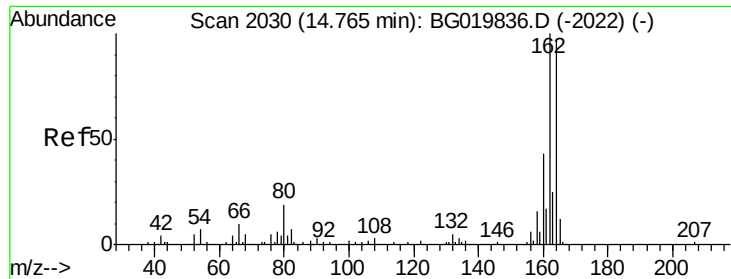
#23
Nitrobenzene-d5
Concen: 87.19 ng
RT: 9.29 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

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): E
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

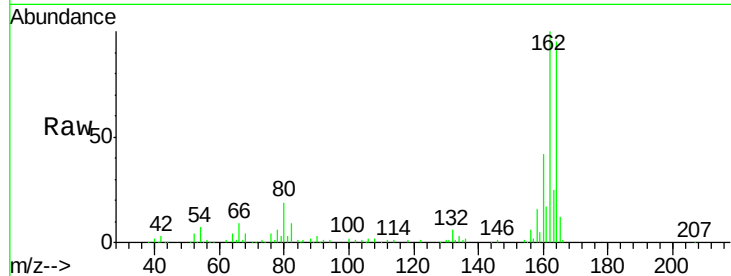
Tgt Ion:164 Resp: 100333

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

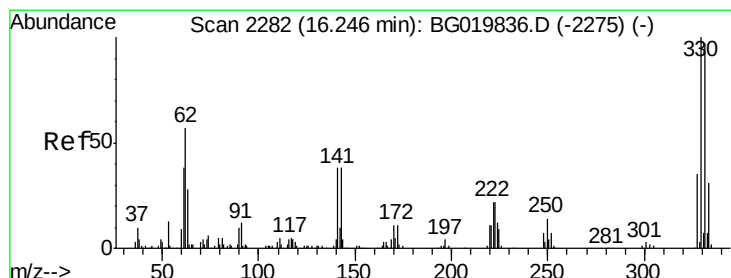
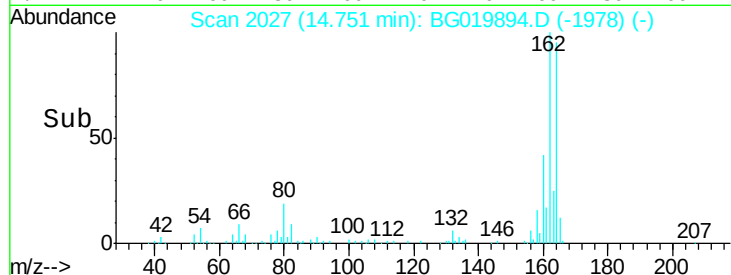
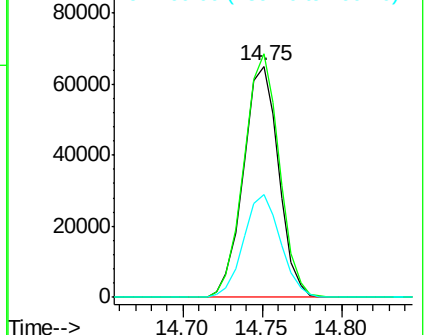
160 44.6 36.4 54.6



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

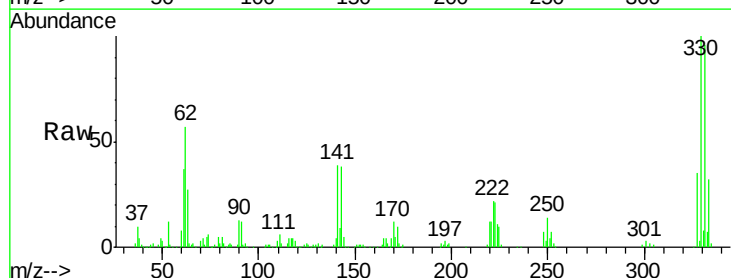
Tgt Ion:330 Resp: 187568

Ion Ratio Lower Upper

330 100

332 95.3 78.1 117.1

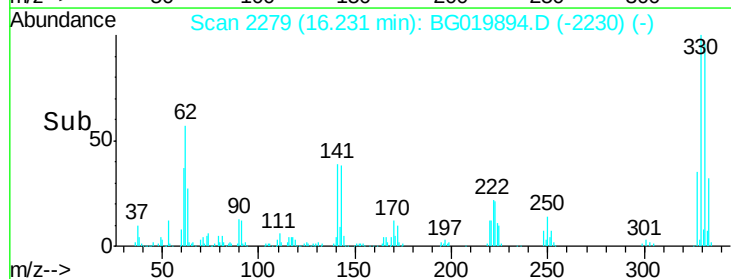
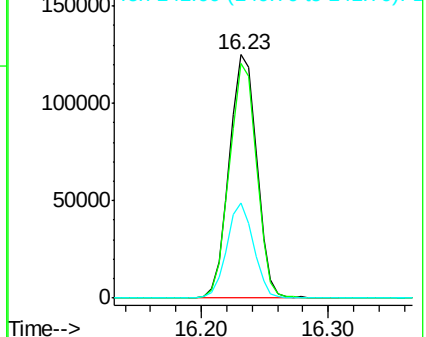
141 38.1 28.2 42.2

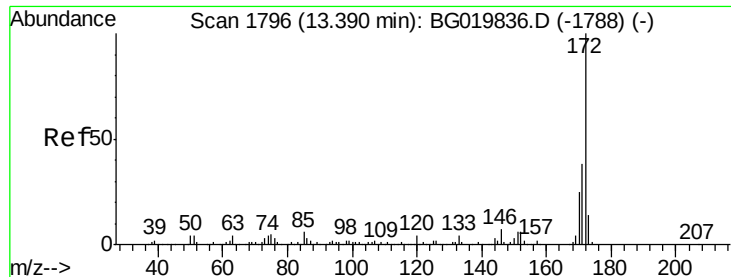


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

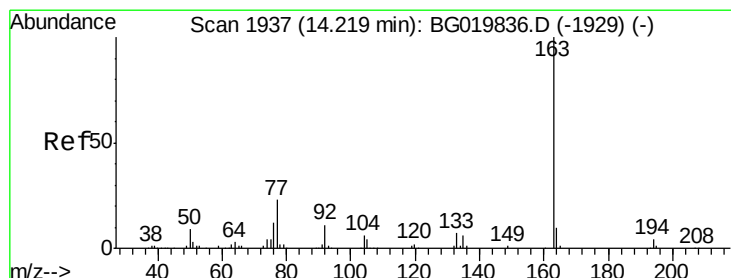
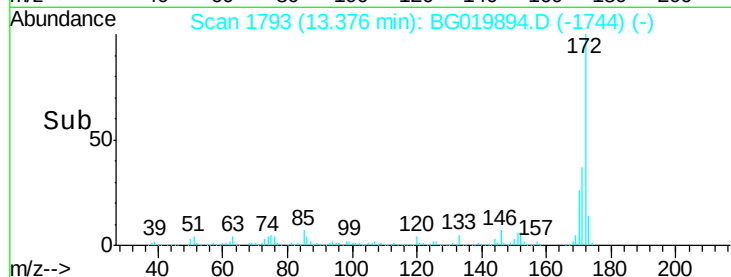
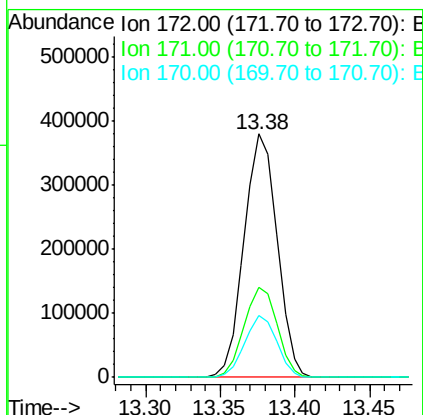
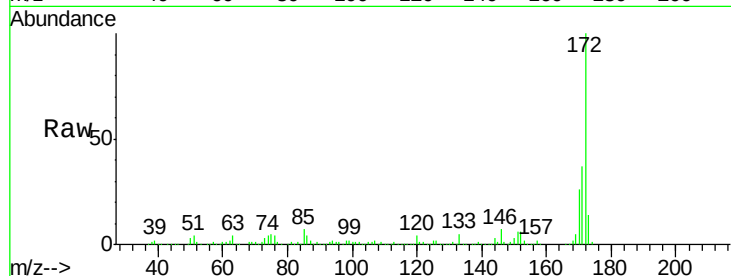




#44
2-Fluorobiphenyl
Concen: 79.22 ng
RT: 13.38 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BG019894.D
Acq: 4 Dec 2015 6:21

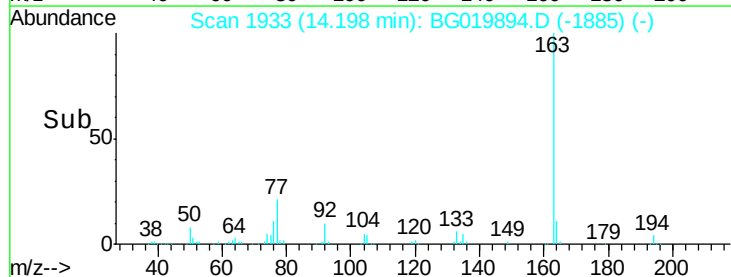
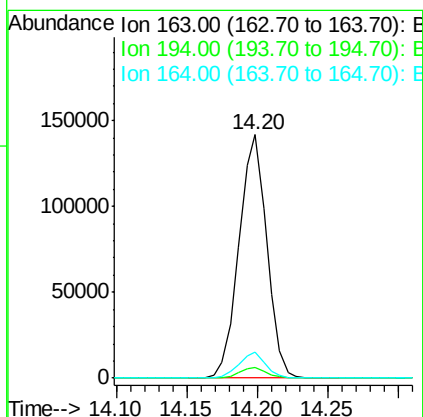
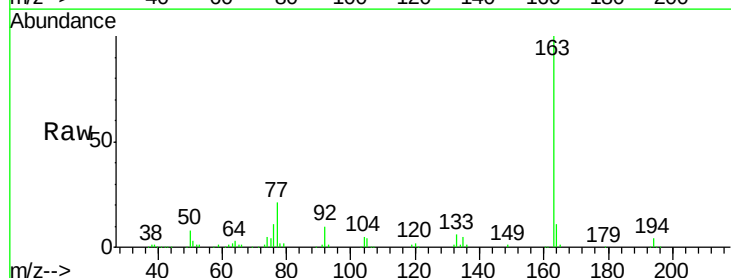
Instrument :
BNA_G
ClientSampleId :
SB-3-8.5-9.0-113015

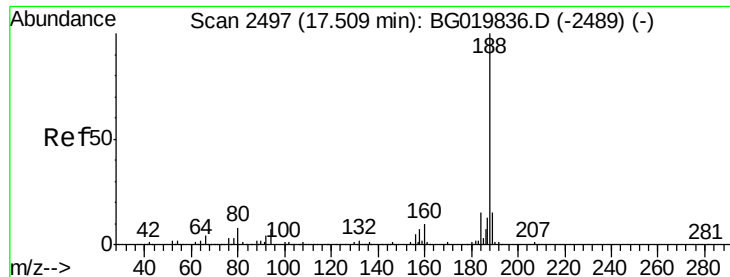
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.0	43.6
170	25.6	19.9	29.9



#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	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

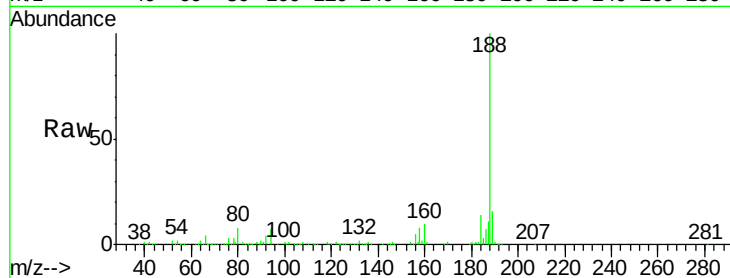
Tgt Ion:188 Resp: 256166

Ion Ratio Lower Upper

188 100

94 7.3 7.7 11.5#

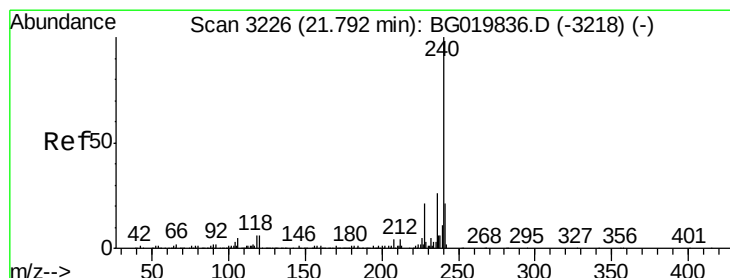
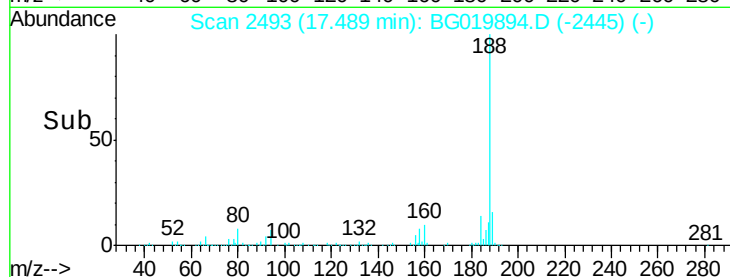
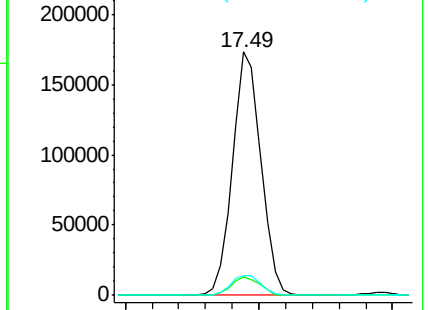
80 8.3 7.8 11.8



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

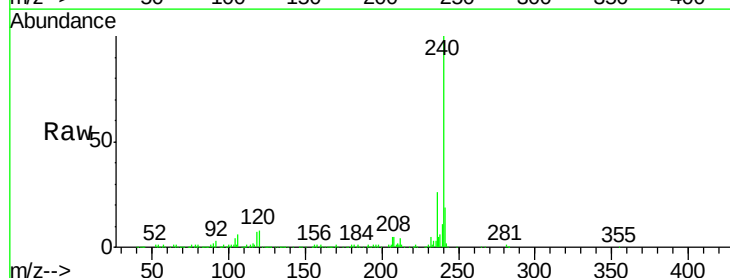
Tgt Ion:240 Resp: 310592

Ion Ratio Lower Upper

240 100

120 7.6 7.4 11.0

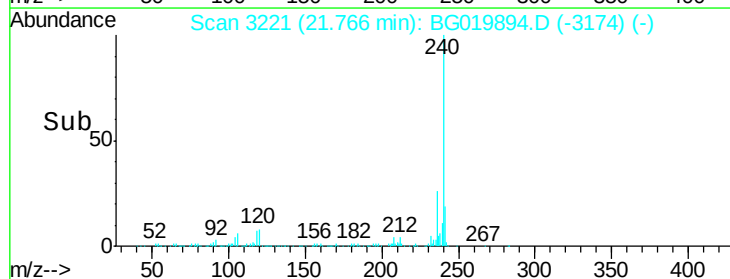
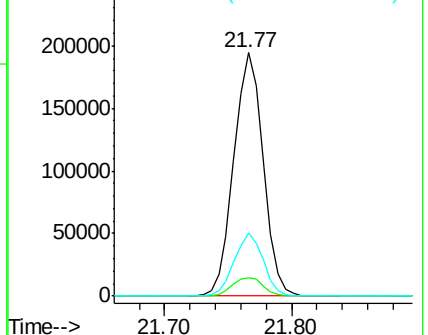
236 26.0 20.7 31.1

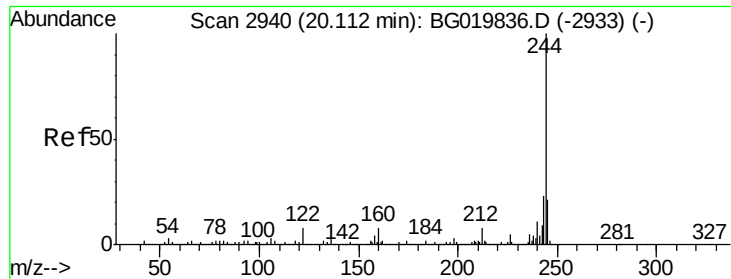


Abundance Ion 240.00 (239.70 to 240.70): E

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

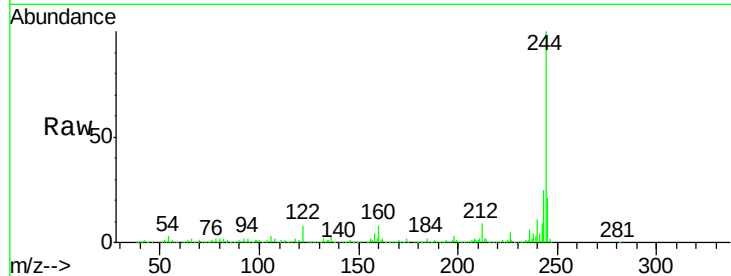
Instrument :

BNA_G

ClientSampleId :

SB-3-8.5-9.0-113015

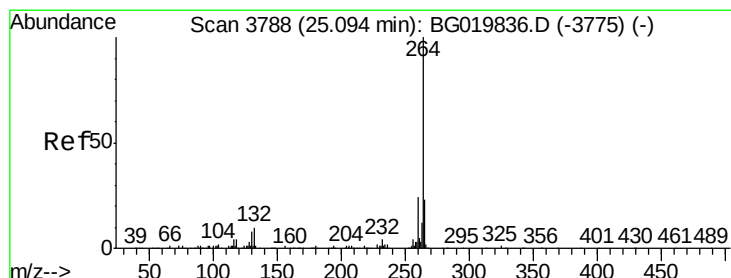
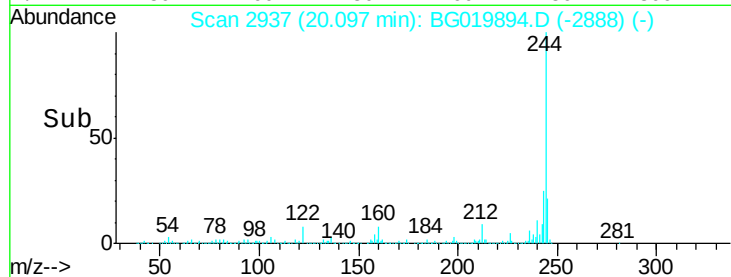
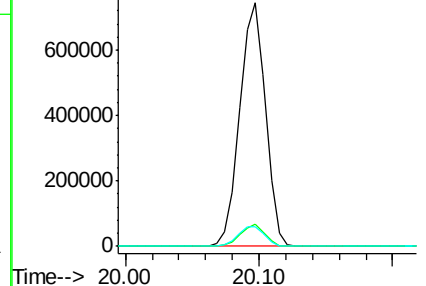
Tgt Ion:	244	Resp:	995681
Ion Ratio	Lower	Upper	
244	100		
212	8.9	6.9	10.3
122	8.2	10.2	15.2#



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

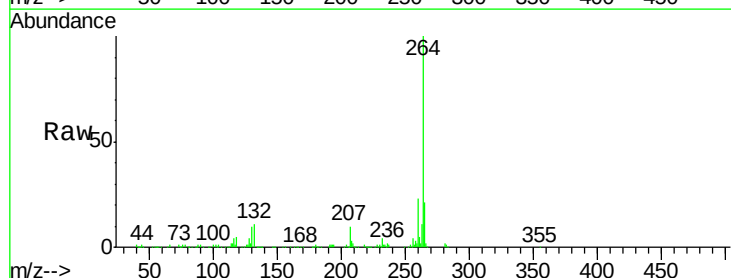
RT: 25.05 min Scan# 3780

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

