

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120415\
 Data File : BG019913.D
 Acq On : 4 Dec 2015 20:25
 Operator : UM/NP
 Sample : G4642-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-02

Quant Time: Dec 04 22:21:13 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

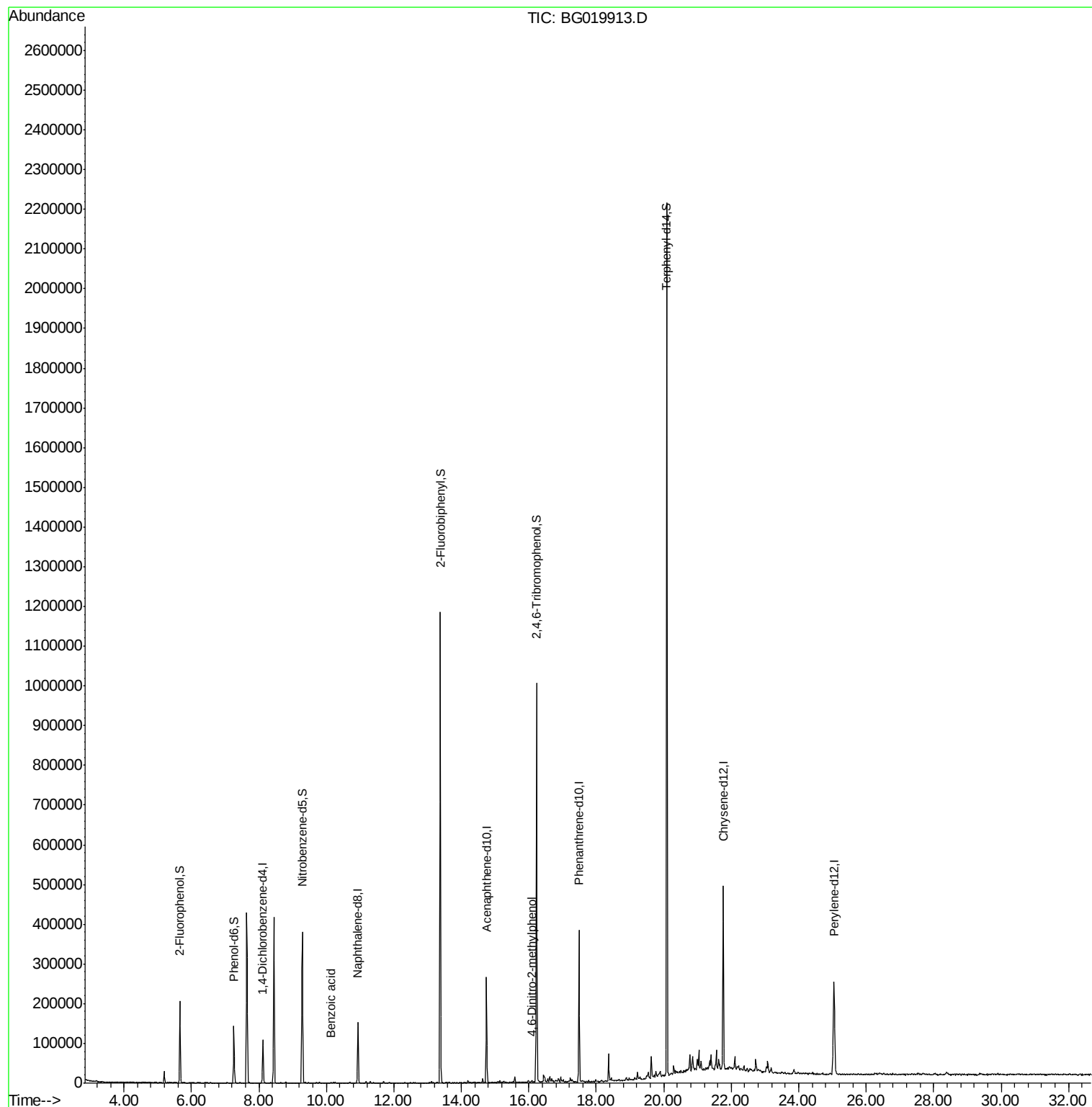
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	28362	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	124190	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	88614	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	224322	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	275903	20.00	ng	-0.03
86) Perylene-d12	25.04	264	260572	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	87335	55.65	ng	0.00
7) Phenol-d6	7.26	99	78987	33.34	ng	-0.02
23) Nitrobenzene-d5	9.29	82	231416	95.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	181759	134.05	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	591482	91.14	ng	-0.02
78) Terphenyl-d14	20.09	244	923262	81.62	ng	-0.02
Target Compounds						
32) Benzoic acid	10.14	122	58	6.04	ng	# 1
64) 4,6-Dinitro-2-methylphenol	16.10	198	321	6.33	ng	# 28

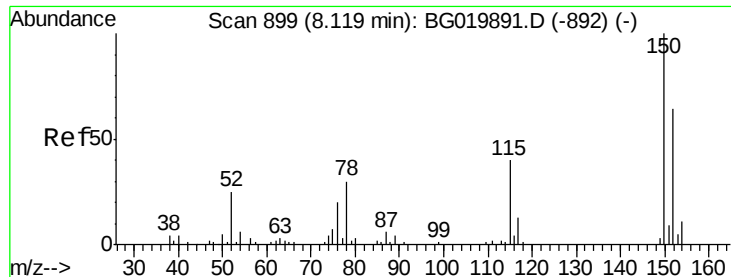
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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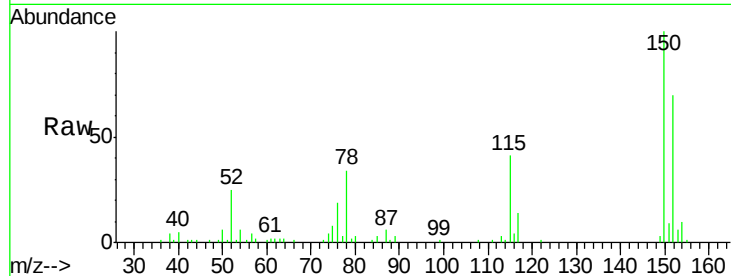


#1

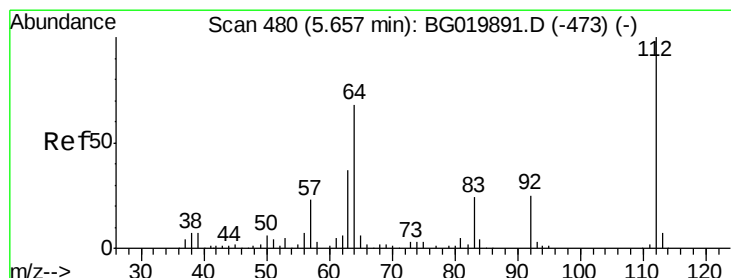
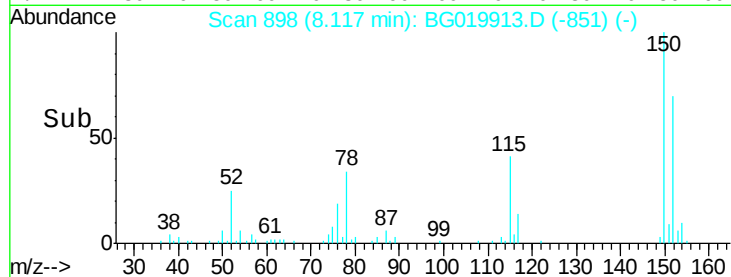
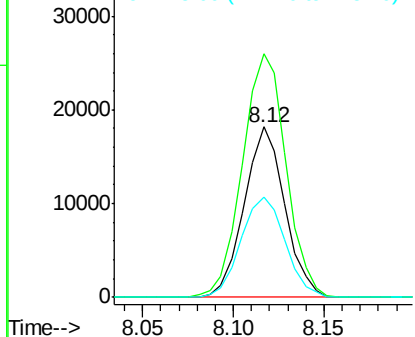
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.12 min Scan# 898
Delta R.T. -0.02 min
Lab File: BG019913.D
Acq: 4 Dec 2015 20:25

Instrument :
BNA_G
ClientSampleId :
TW-02

Tgt Ion:152 Resp: 28362
Ion Ratio Lower Upper
152 100
150 143.1 115.0 172.4
115 58.6 43.9 65.9



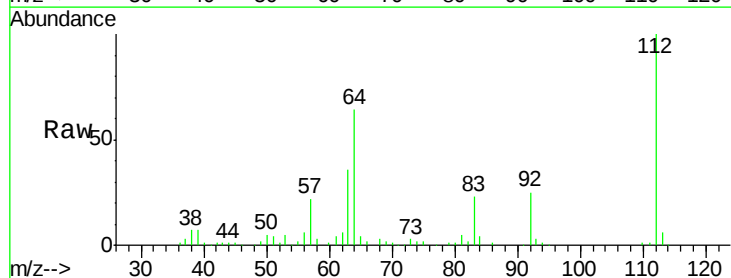
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



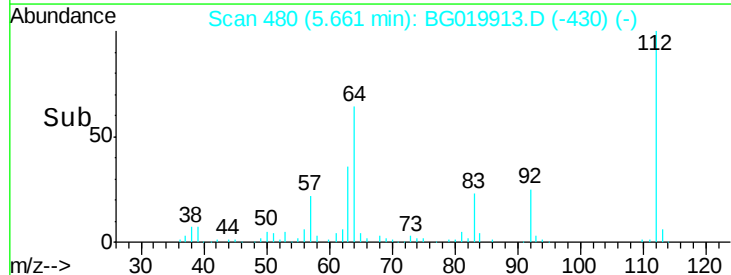
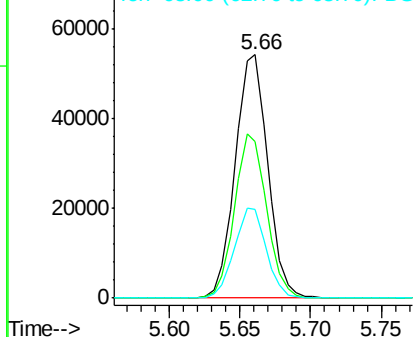
#5

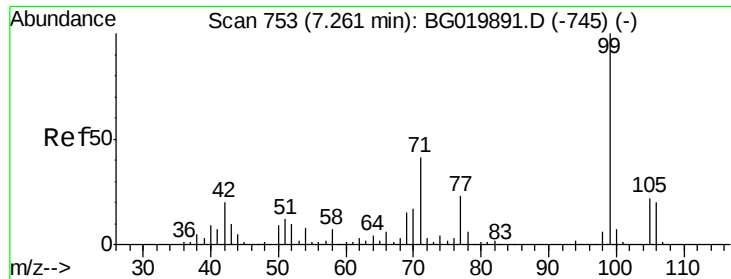
2-Fluorophenol
Concen: 55.65 ng
RT: 5.66 min Scan# 480
Delta R.T. -0.01 min
Lab File: BG019913.D
Acq: 4 Dec 2015 20:25

Tgt Ion:112 Resp: 87335
Ion Ratio Lower Upper
112 100
64 64.3 43.7 65.5
63 36.4 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: 33.34 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019913.D

Acq: 4 Dec 2015 20:25

Instrument :

BNA_G

ClientSampleId :

TW-02

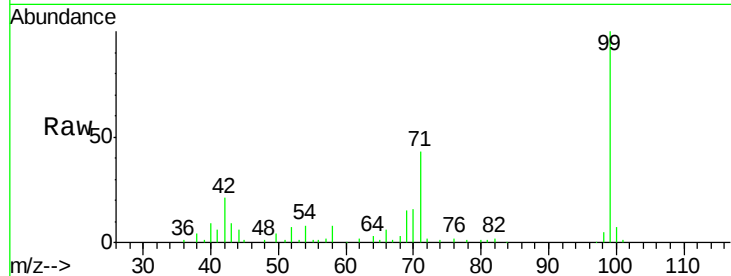
Tgt Ion: 99 Resp: 78987

Ion Ratio Lower Upper

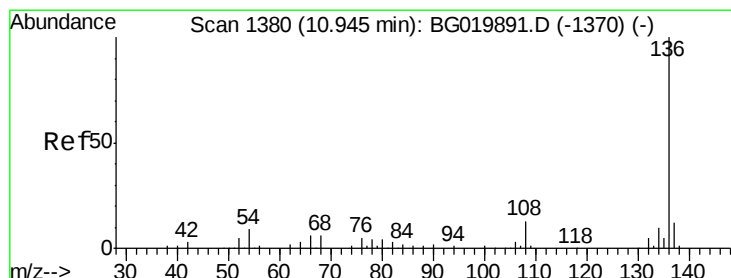
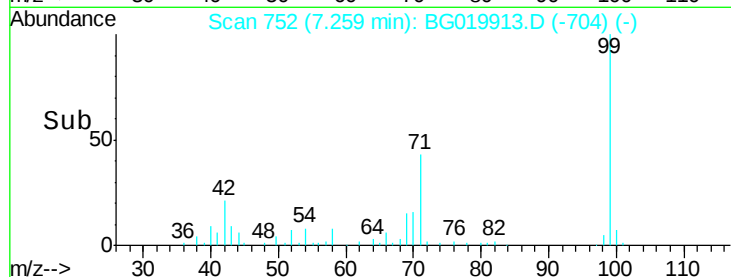
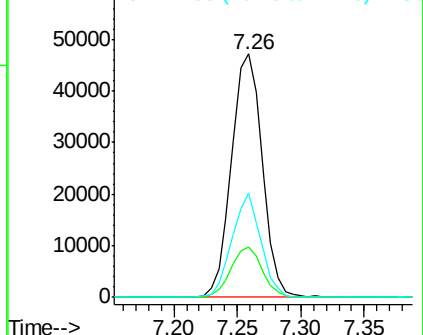
99 100

42 20.7 11.5 17.3#

71 42.7 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.94 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BG019913.D

Acq: 4 Dec 2015 20:25

Tgt Ion: 136 Resp: 124190

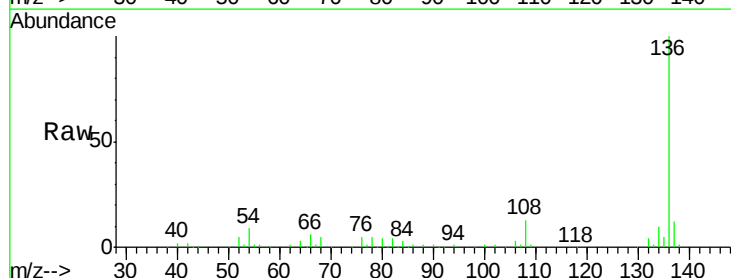
Ion Ratio Lower Upper

136 100

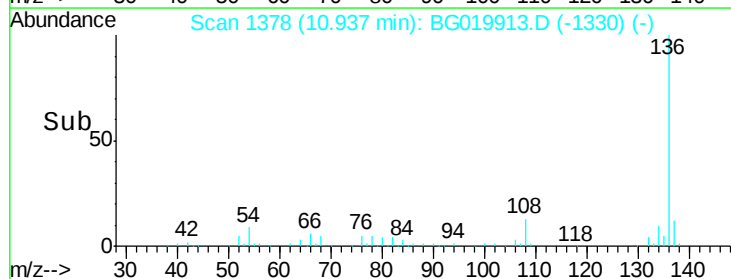
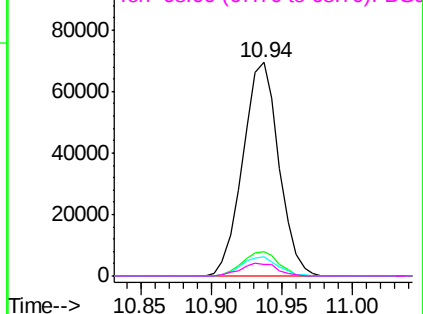
137 11.6 8.6 12.8

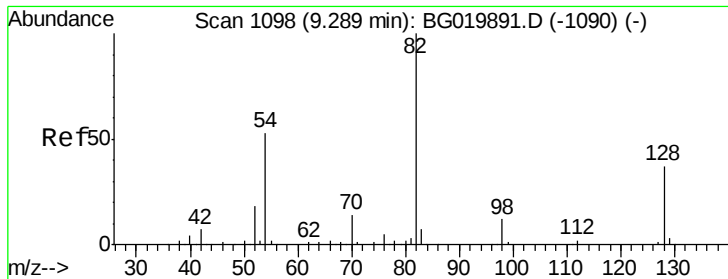
54 8.7 5.4 8.2#

68 5.3 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

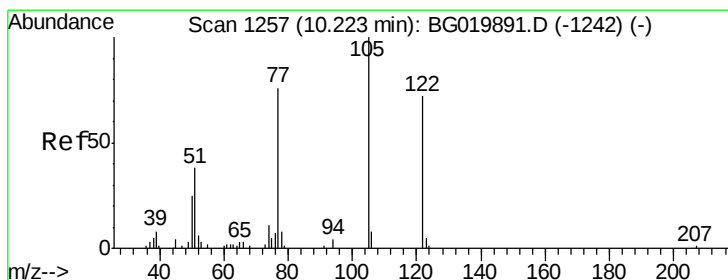
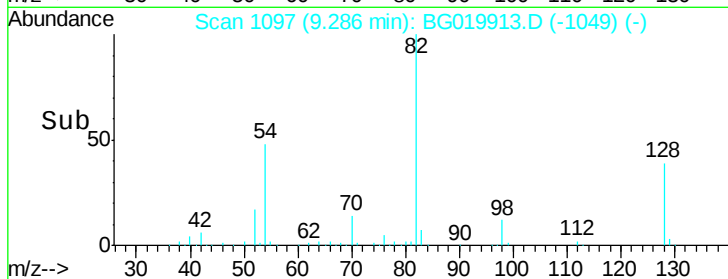
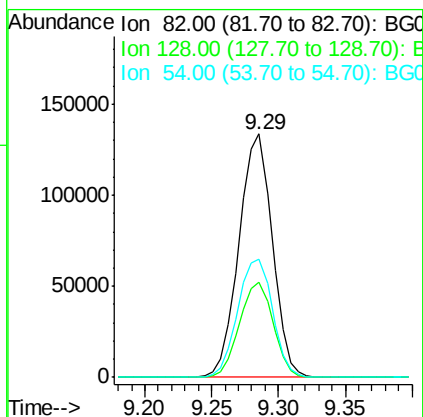
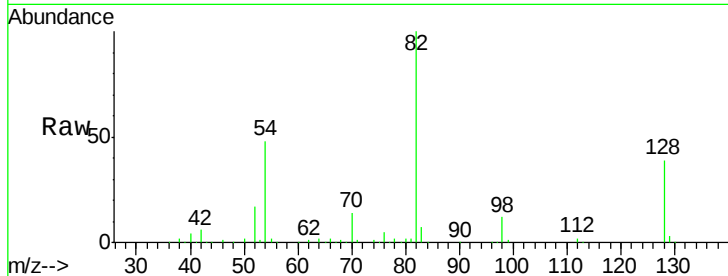




#23
 Nitrobenzene-d5
 Concen: 95.10 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019913.D
 Acq: 4 Dec 2015 20:25

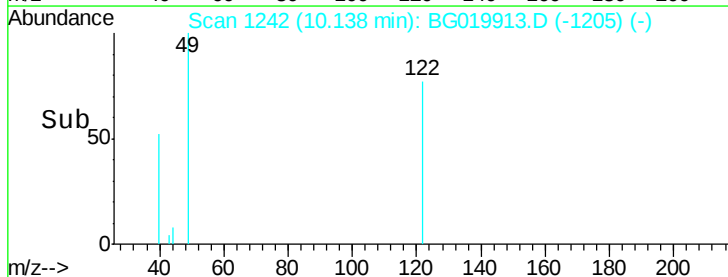
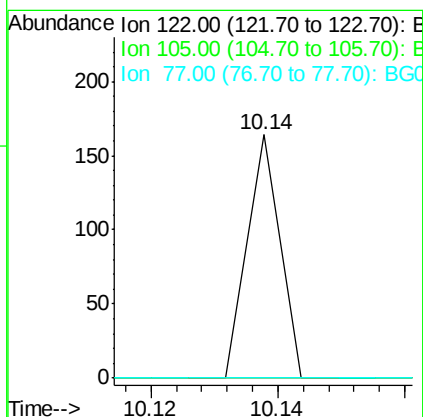
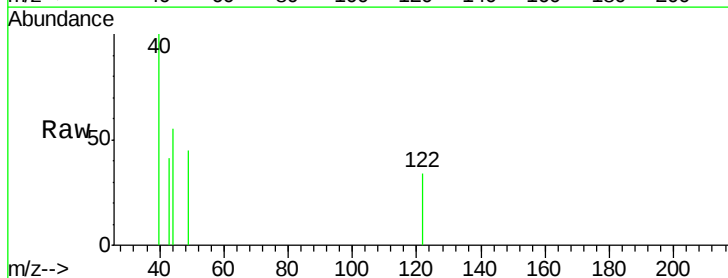
Instrument :
 BNA_G
 ClientSampleId :
 TW-02

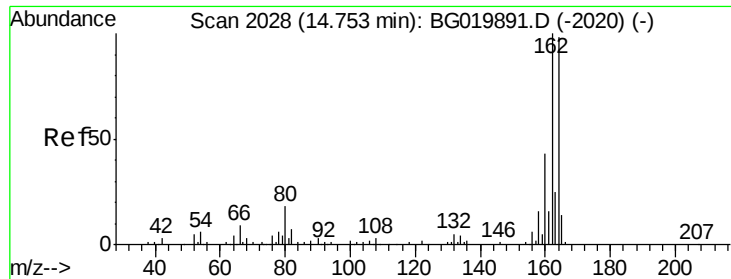
Tgt Ion: 82 Resp: 231416
 Ion Ratio Lower Upper
 82 100
 128 39.0 36.7 55.1
 54 48.5 33.8 50.8



#32
 Benzoic acid
 Concen: 6.04 ng
 RT: 10.14 min Scan# 1242
 Delta R.T. -0.09 min
 Lab File: BG019913.D
 Acq: 4 Dec 2015 20:25

Tgt Ion: 122 Resp: 58
 Ion Ratio Lower Upper
 122 100
 105 0.0 103.8 143.8#
 77 0.0 68.8 108.8#

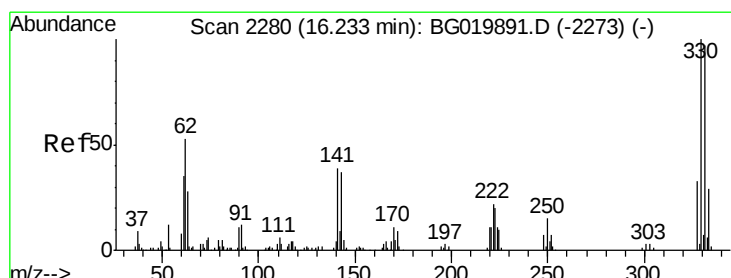
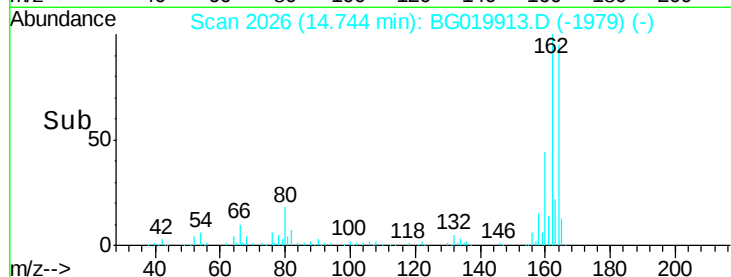
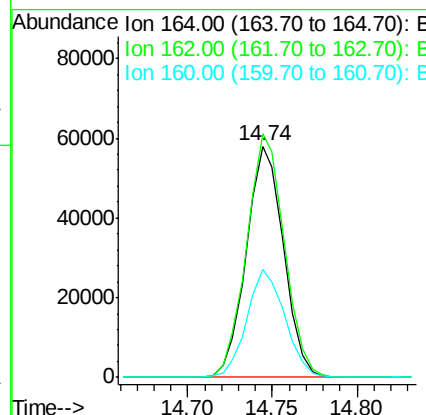
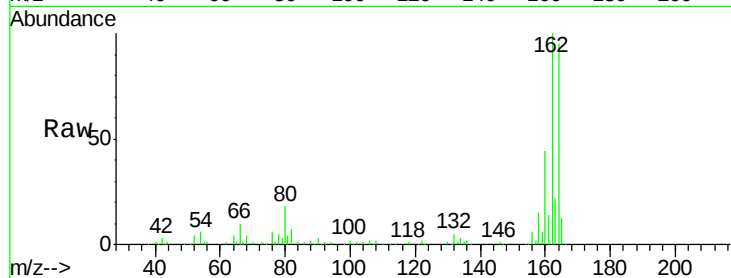




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BG019913.D
Acq: 4 Dec 2015 20:25

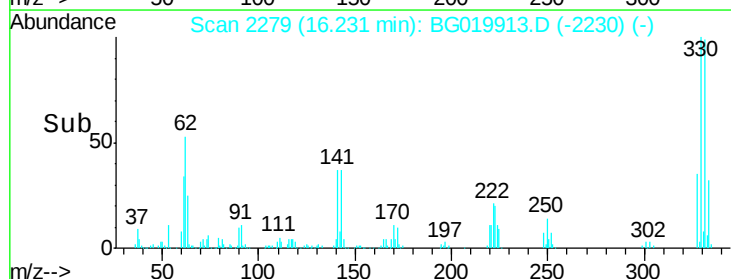
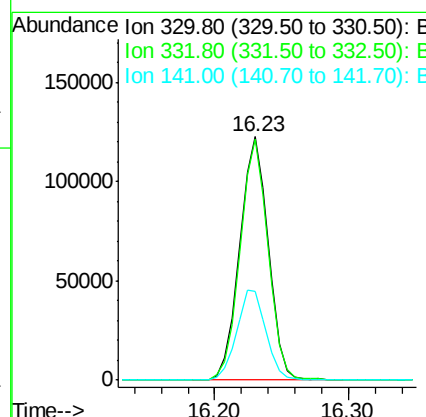
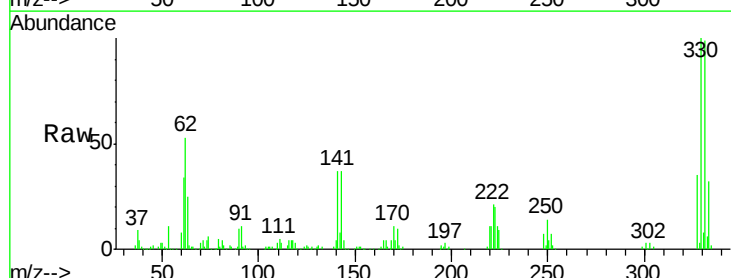
Instrument :
BNA_G
ClientSampleId :
TW-02

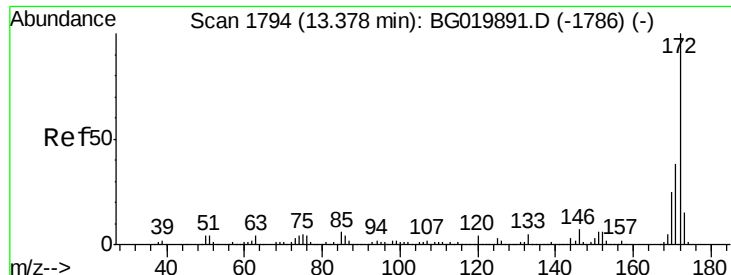
Tgt Ion:164 Resp: 88614
Ion Ratio Lower Upper
164 100
162 105.4 78.8 118.2
160 46.6 36.4 54.6



#41
2,4,6-Tribromophenol
Concen: 134.05 ng
RT: 16.23 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BG019913.D
Acq: 4 Dec 2015 20:25

Tgt Ion:330 Resp: 181759
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 37.8 28.2 42.2

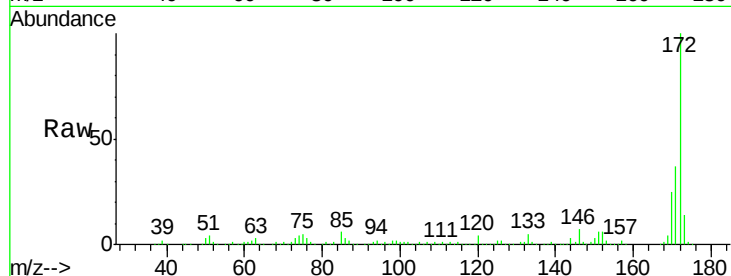




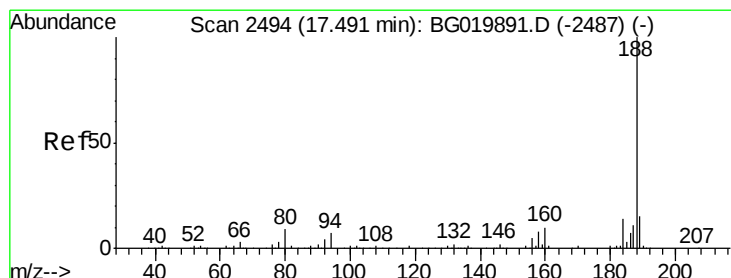
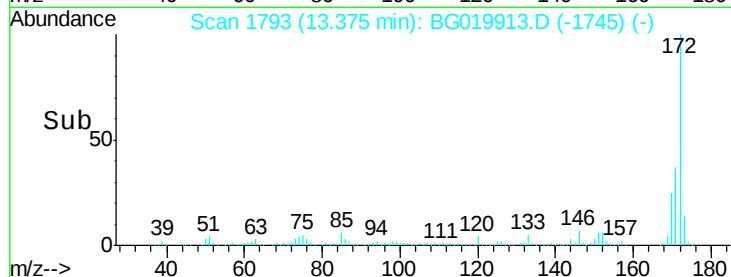
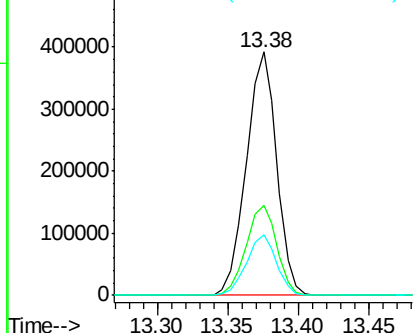
#44
 2-Fluorobiphenyl
 Concen: 91.14 ng
 RT: 13.38 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019913.D
 Acq: 4 Dec 2015 20:25

Instrument :
 BNA_G
 ClientSampled :
 TW-02

Tgt Ion:172 Resp: 591482
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.0 43.6
 170 24.8 19.9 29.9

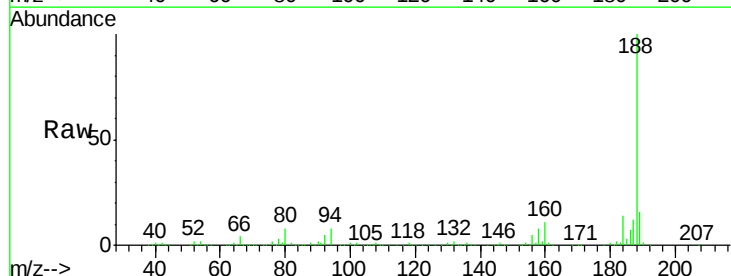


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

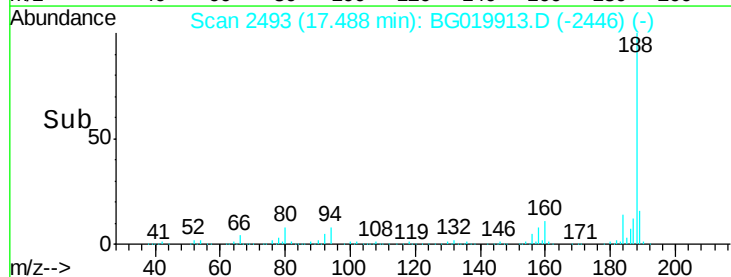
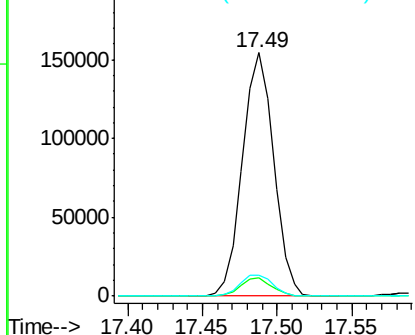


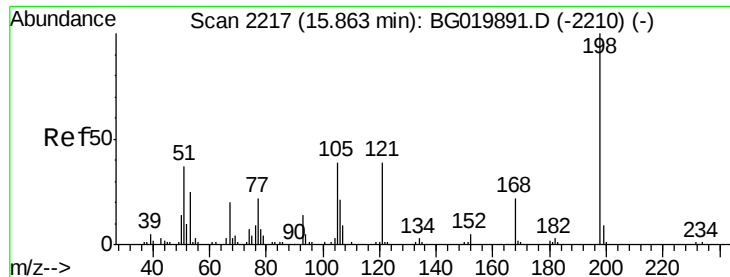
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.02 min
 Lab File: BG019913.D
 Acq: 4 Dec 2015 20:25

Tgt Ion:188 Resp: 224322
 Ion Ratio Lower Upper
 188 100
 94 7.8 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): BG
 Ion 80.00 (79.70 to 80.70): BG





#64

4,6-Dinitro-2-methylphenol

Concen: 6.33 ng

RT: 16.10 min Scan# 2256

Delta R.T. 0.22 min

Lab File: BG019913.D

Acq: 4 Dec 2015 20:25

Instrument :

BNA_G

ClientSampled :

TW-02

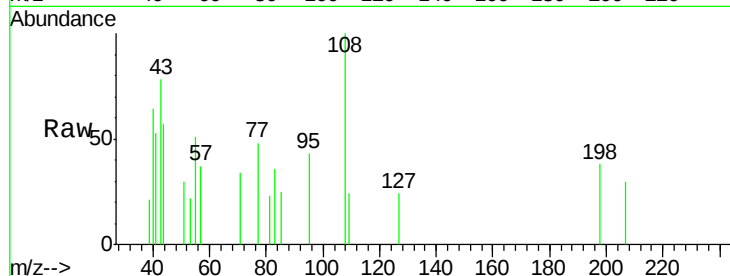
Tgt Ion:198 Resp: 321

Ion Ratio Lower Upper

198 100

51 80.1 14.2 54.2#

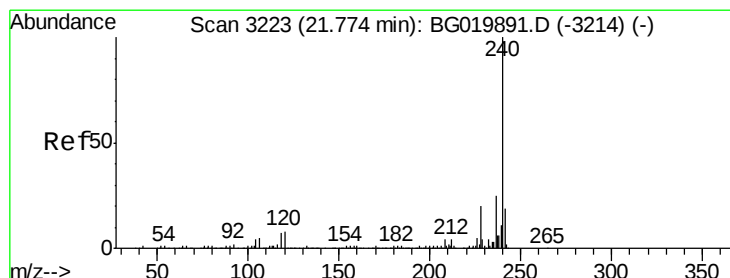
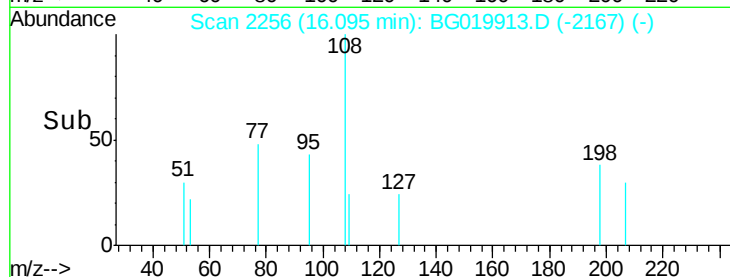
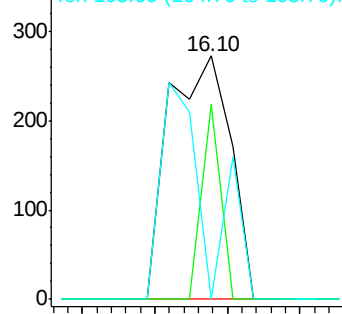
105 0.0 21.1 61.1#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.03 min

Lab File: BG019913.D

Acq: 4 Dec 2015 20:25

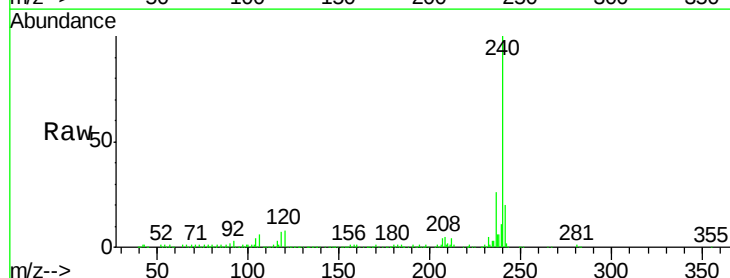
Tgt Ion:240 Resp: 275903

Ion Ratio Lower Upper

240 100

120 8.1 7.4 11.0

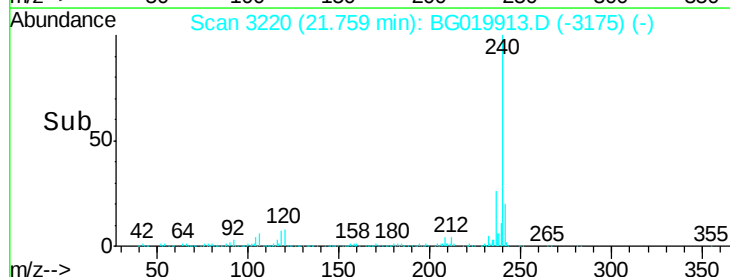
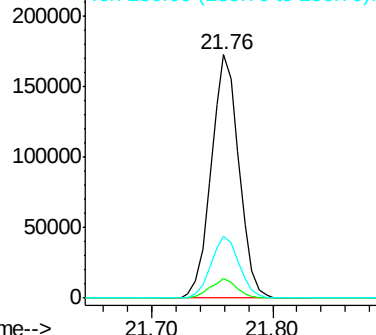
236 25.6 20.7 31.1

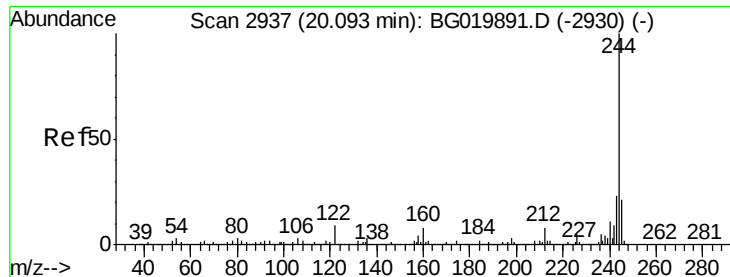


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 81.62 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019913.D

Acq: 4 Dec 2015 20:25

Instrument :

BNA_G

ClientSampleId :

TW-02

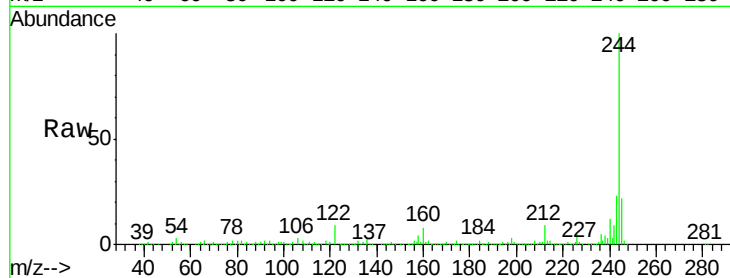
Tgt Ion:244 Resp: 923262

Ion Ratio Lower Upper

244 100

212 8.7 6.9 10.3

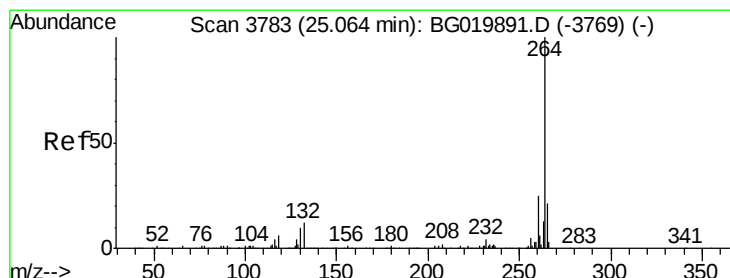
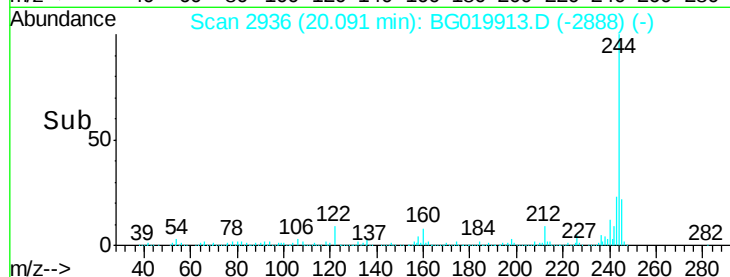
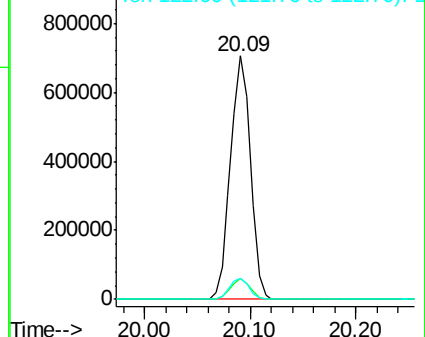
122 8.6 10.2 15.2#



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# 3779

Delta R.T. -0.05 min

Lab File: BG019913.D

Acq: 4 Dec 2015 20:25

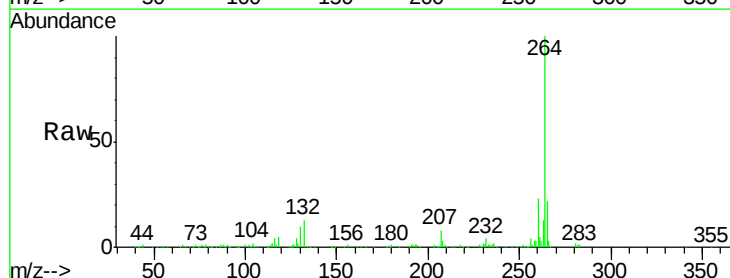
Tgt Ion:264 Resp: 260572

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 22.2 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

