

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101215\
 Data File : BG019156.D
 Acq On : 12 Oct 2015 11:08
 Operator : UM/NP
 Sample : G3978-09
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW16

Quant Time: Oct 13 01:11:47 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 10 07:04:31 2015
 Response via : Initial Calibration

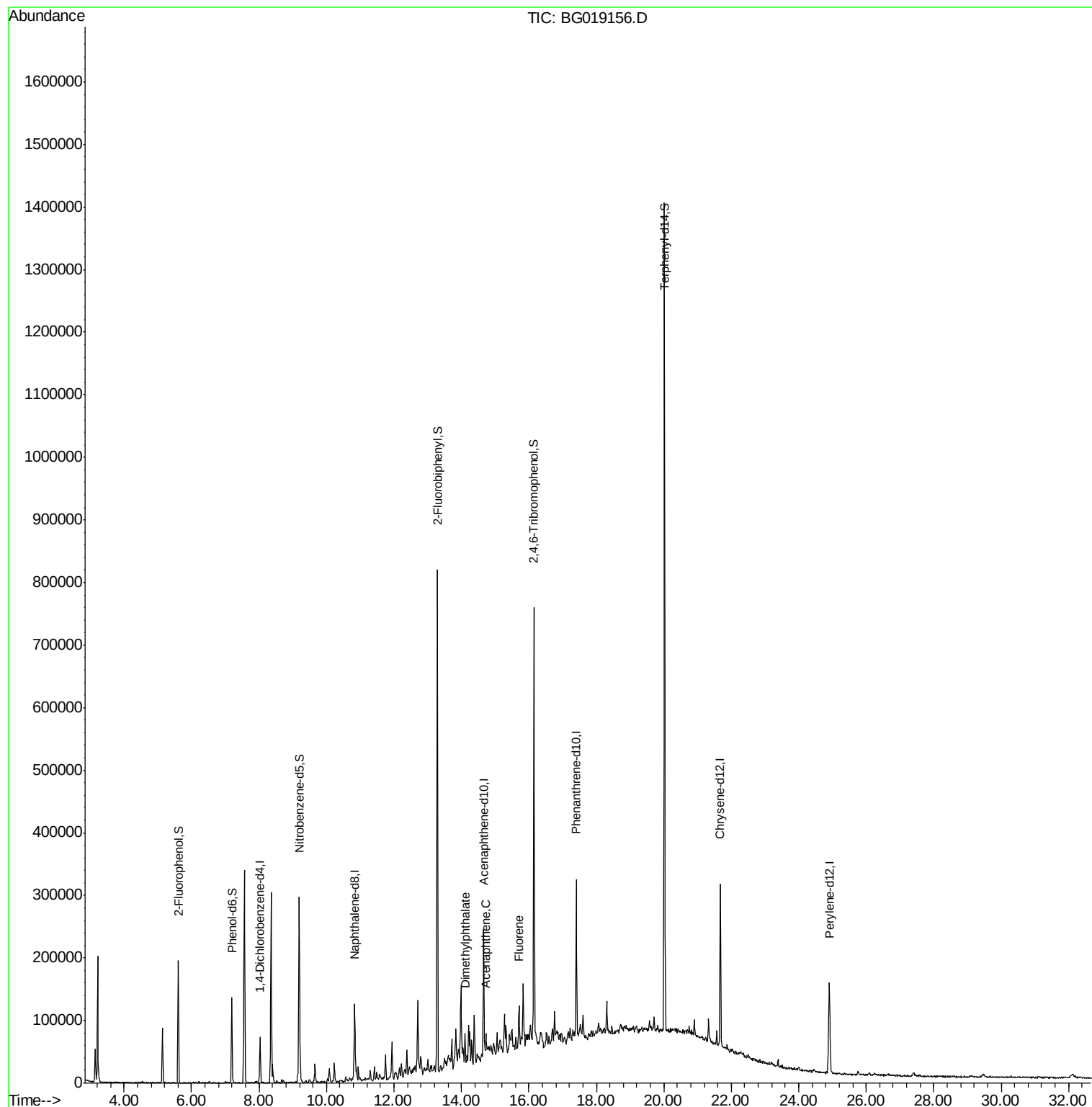
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	19061	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	86807	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	61052	20.00	ng	0.00
63) Phenanthrene-d10	17.41	188	137950	20.00	ng	0.00
75) Chrysene-d12	21.68	240	160340	20.00	ng	-0.01
86) Perylene-d12	24.91	264	157510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	70667	75.49	ng	0.00
7) Phenol-d6	7.19	99	71398	49.65	ng	0.00
23) Nitrobenzene-d5	9.19	82	168890	107.50	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	125041	150.30	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	399264	100.56	ng	0.00
78) Terphenyl-d14	20.02	244	549191	90.48	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	14.11	163	26129	5.42	ng	99
51) Acenaphthene	14.72	154	14535	4.02	ng	93
57) Fluorene	15.71	166	21338	4.60	ng	95

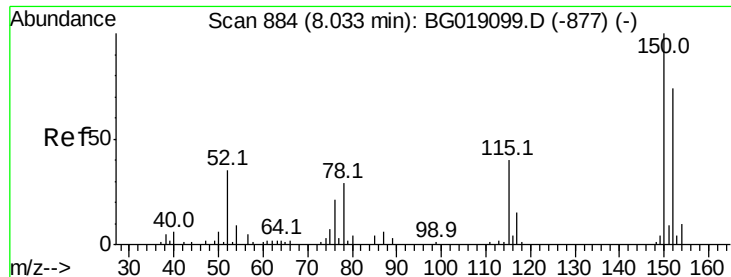
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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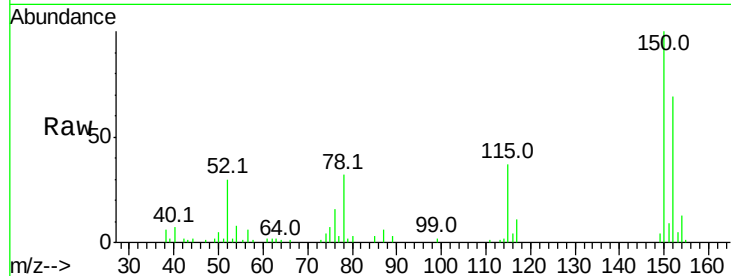


#1

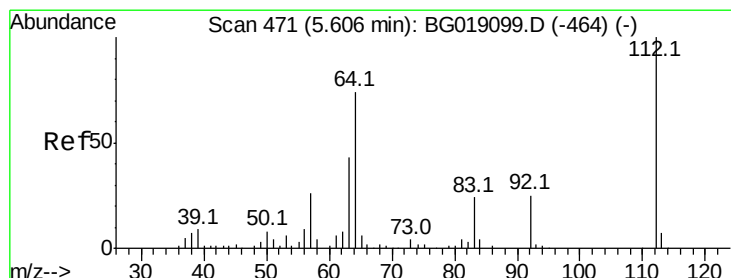
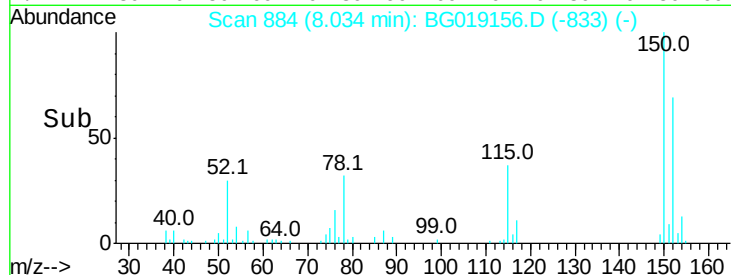
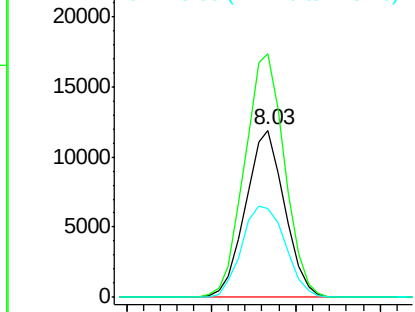
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.03 min Scan# 884
Delta R.T. 0.00 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Instrument :
BNA_G
ClientSampled :
MW16

Tot Ion:152 Resp: 19061
Ion Ratio Lower Upper
152 100
150 145.7 108.2 162.2
115 53.2 43.2 64.8



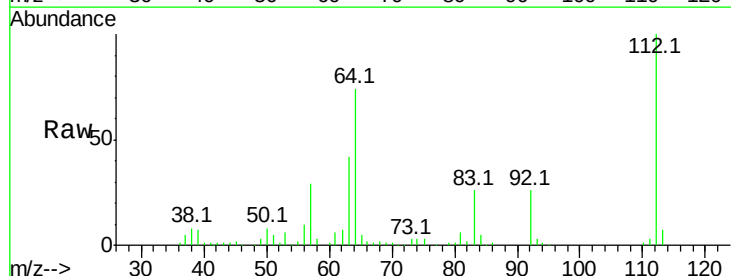
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



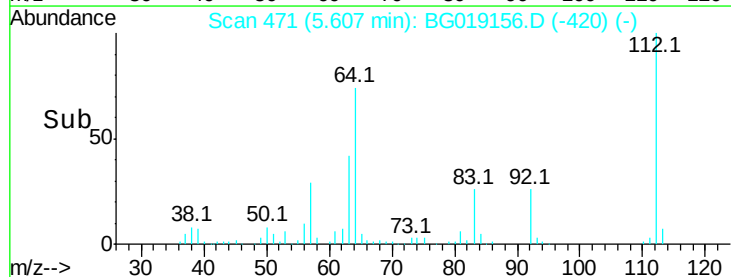
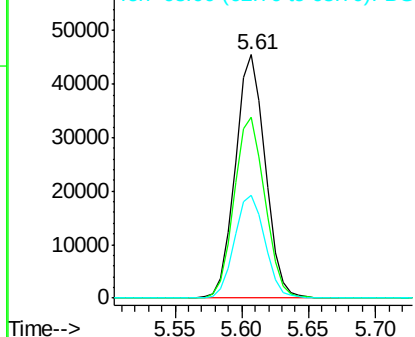
#5

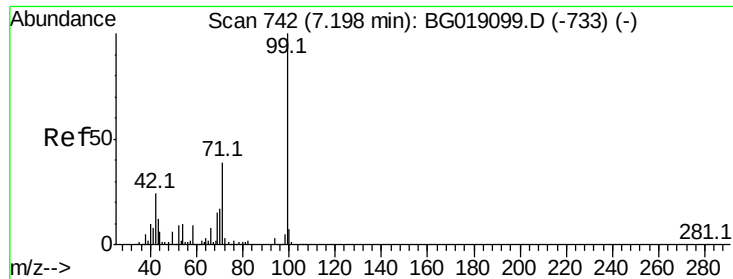
2-Fluorophenol
Concen: 75.49 ng
RT: 5.61 min Scan# 471
Delta R.T. 0.00 min
Lab File: BG019156.D
Acq: 12 Oct 2015 11:08

Tgt Ion:112 Resp: 70667
Ion Ratio Lower Upper
112 100
64 74.2 59.0 88.4
63 42.4 34.7 52.1



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: 49.65 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

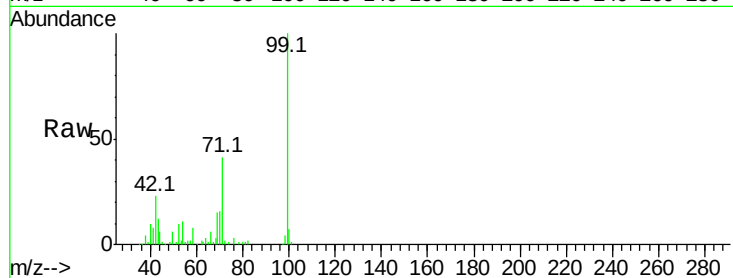
BNA_G

ClientSampleId :

MW16

Tot Ion: 99 Resp: 71398

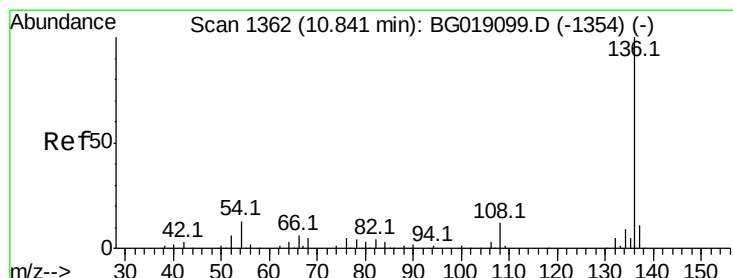
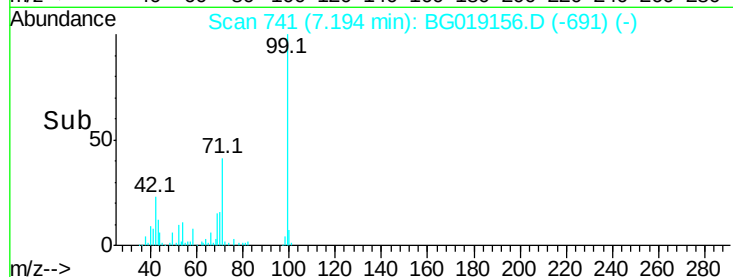
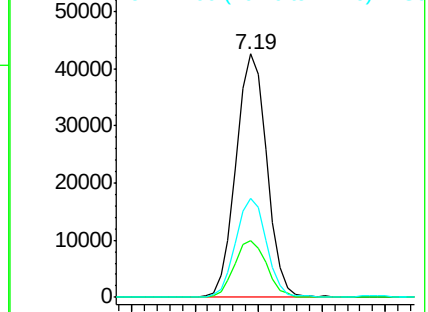
Ion	Ratio	Lower	Upper
99	100		
42	23.1	19.5	29.3
71	40.9	31.4	47.0



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: 10.84 min Scan# 1361

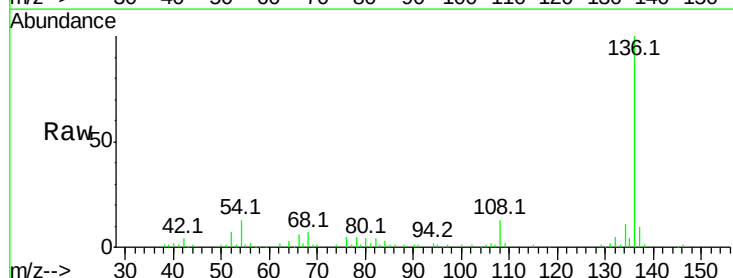
Delta R.T. -0.00 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Tgt Ion: 136 Resp: 86807

Ion	Ratio	Lower	Upper
136	100		
137	10.1	9.0	13.4
54	13.3	10.1	15.1
68	6.5	4.4	6.6

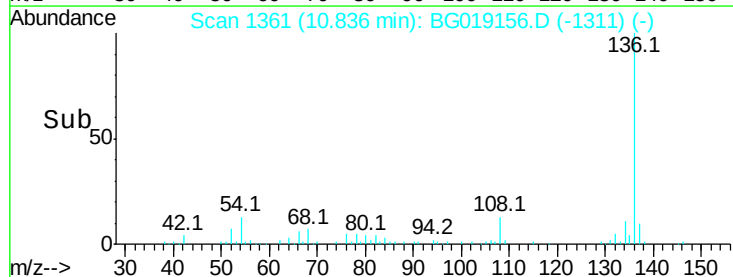
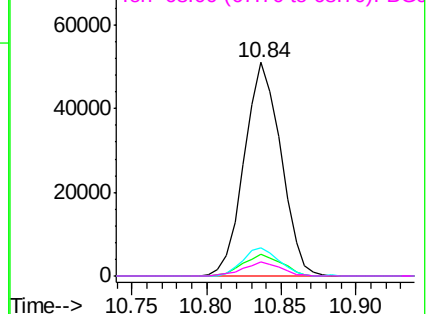


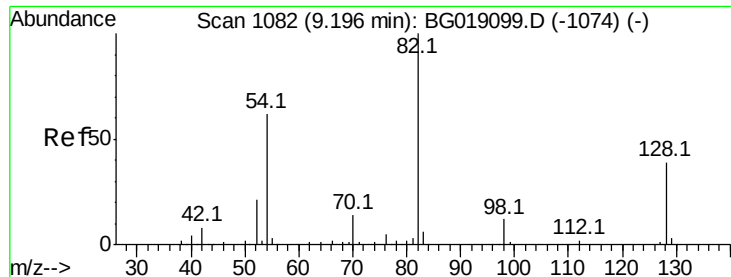
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

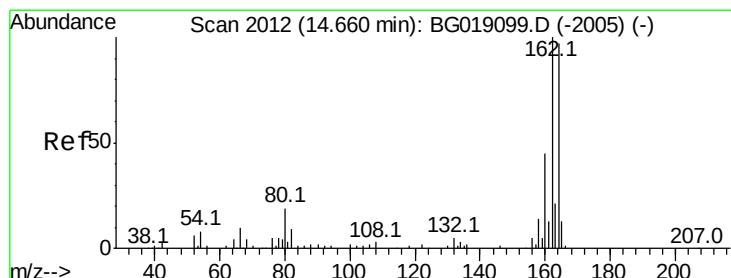
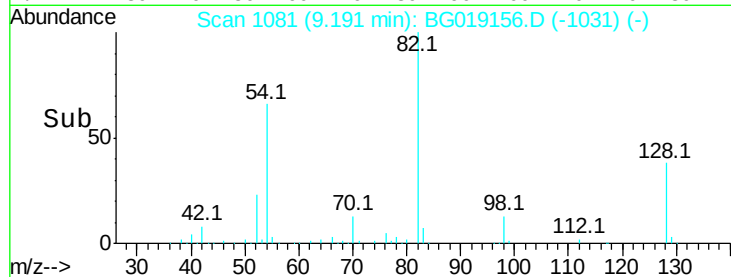
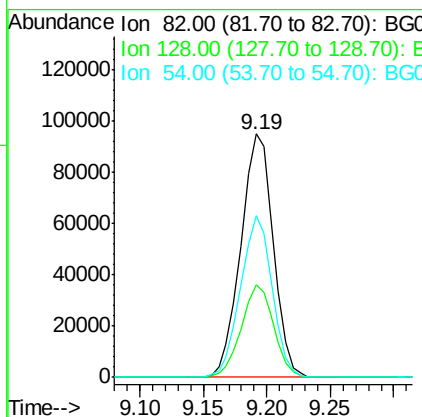
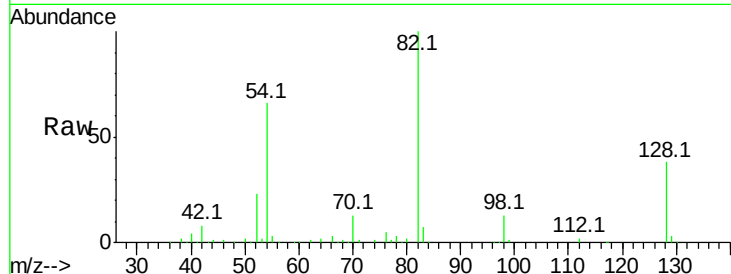




#23
 Nitrobenzene-d5
 Concen: 107.50 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

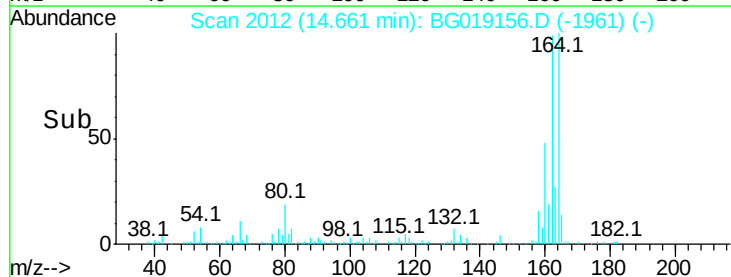
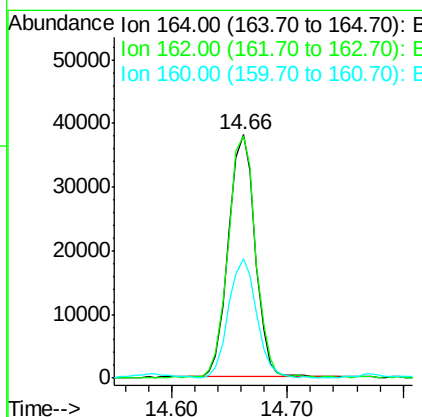
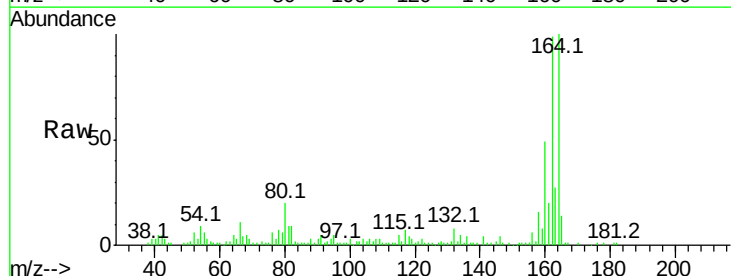
Instrument :
 BNA_G
 ClientSampleId :
 MW16

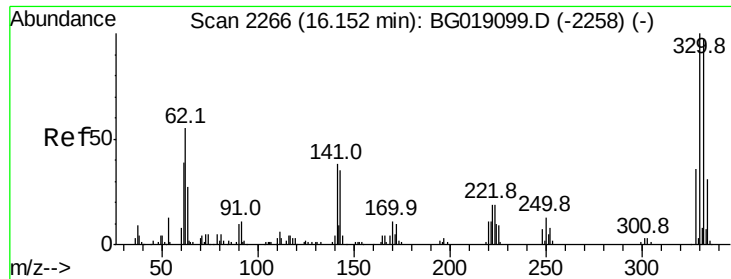
Tot Ion	82	Resp	168890
Ion Ratio	100		
Lower	31.4		
Upper	47.2		
54	66.3	50.0	75.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

Tgt Ion	164	Resp	61052
Ion Ratio	100		
Lower	82.6		
Upper	124.0		
162	99.5	36.9	55.3
160	49.2		

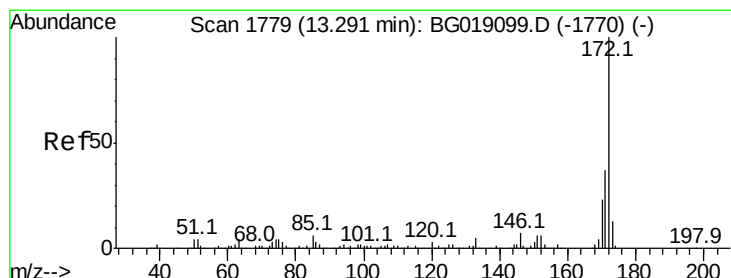
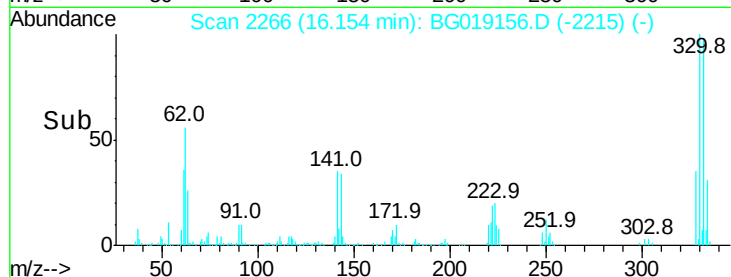
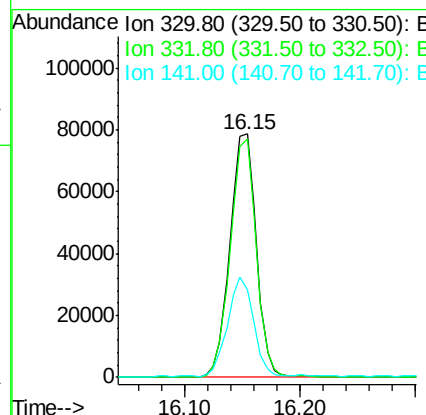
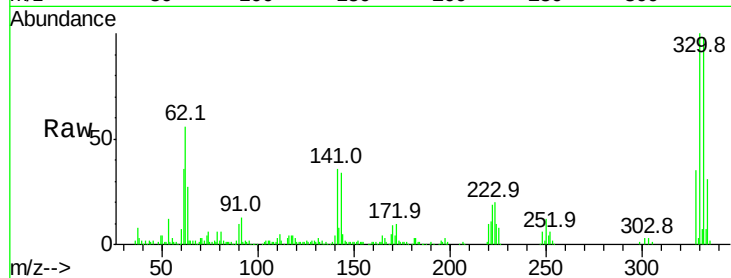




#41
 2,4,6-Tribromophenol
 Concen: 150.30 ng
 RT: 16.15 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

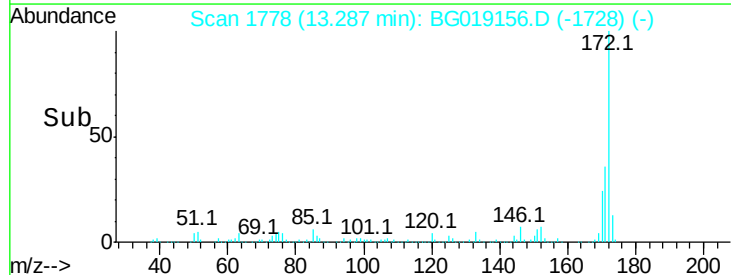
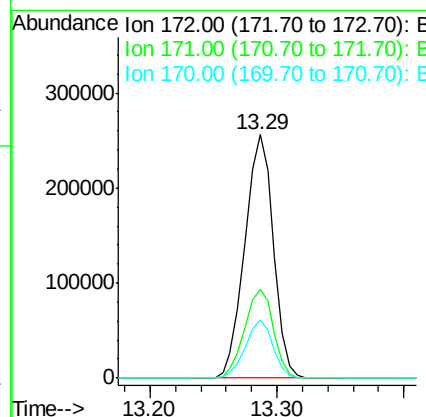
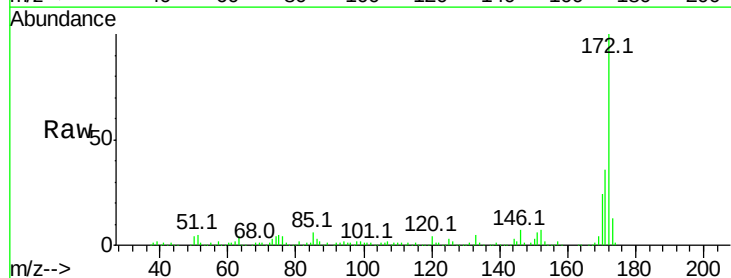
Instrument :
 BNA_G
 ClientSampleId :
 MW16

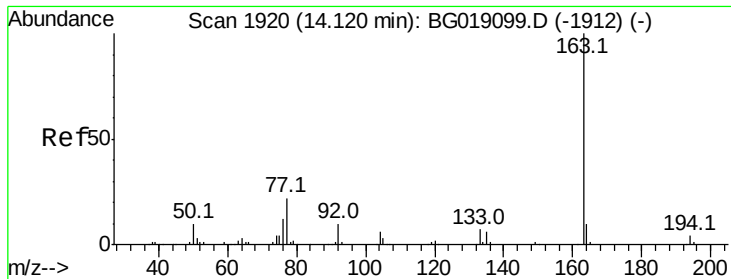
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	39.4	30.7	46.1



#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.9	44.9
170	23.9	18.6	27.8





#49

Dimethylphthalate

Concen: 5.42 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

Instrument :

BNA_G

ClientSampleId :

MW16

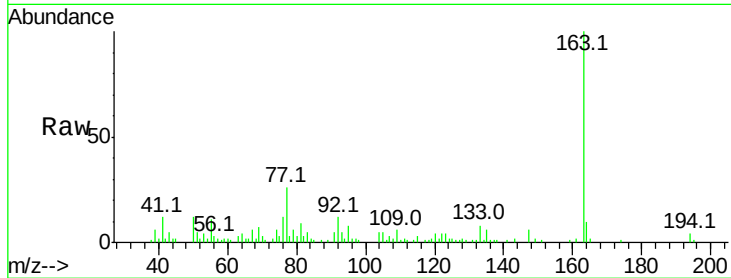
Tot Ion:163 Resp: 26129

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

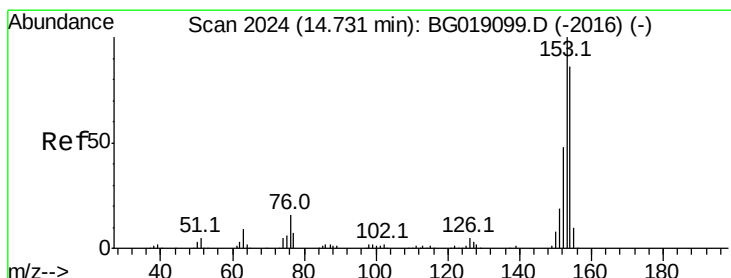
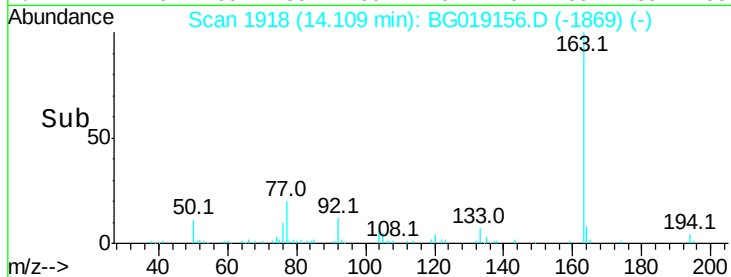
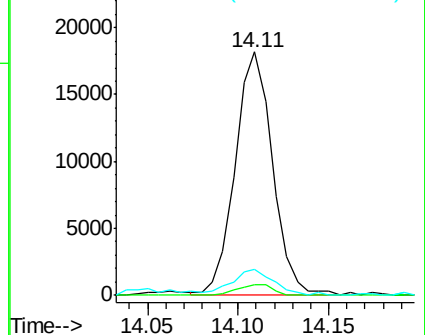
164 10.4 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#51

Acenaphthene

Concen: 4.02 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG019156.D

Acq: 12 Oct 2015 11:08

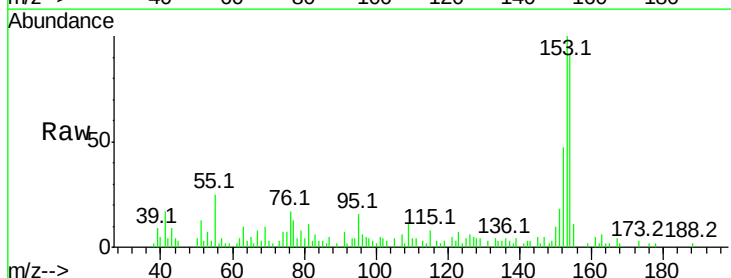
Tgt Ion:154 Resp: 14535

Ion Ratio Lower Upper

154 100

153 109.3 93.4 140.2

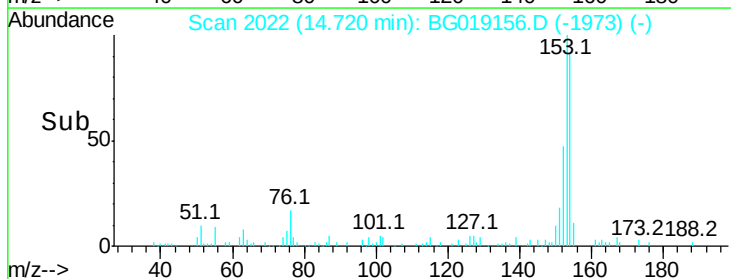
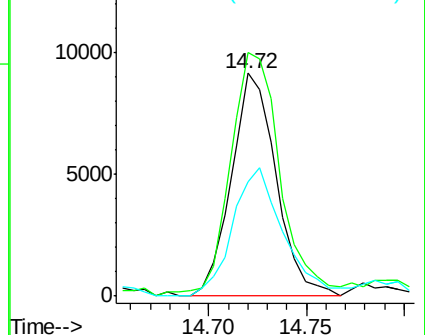
152 51.1 44.9 67.3

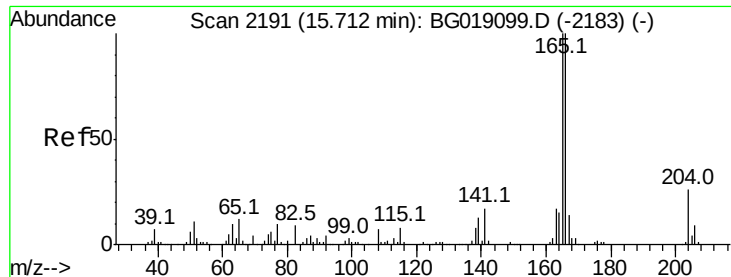


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

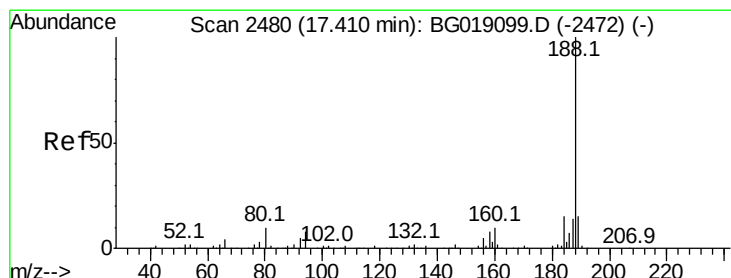
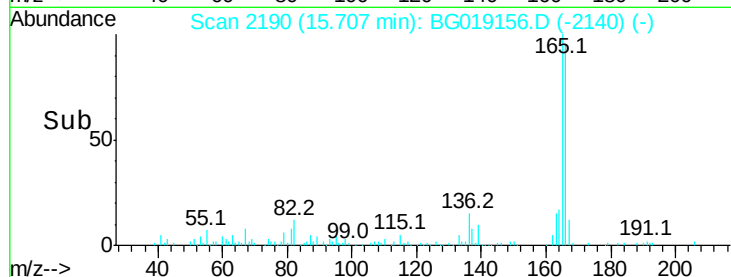
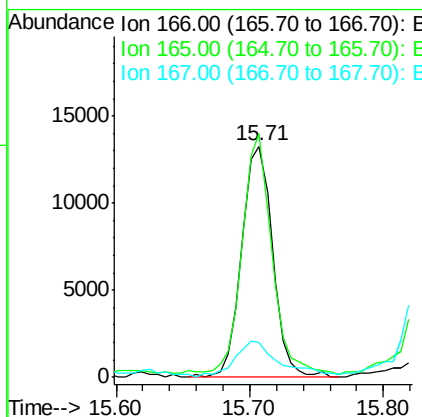
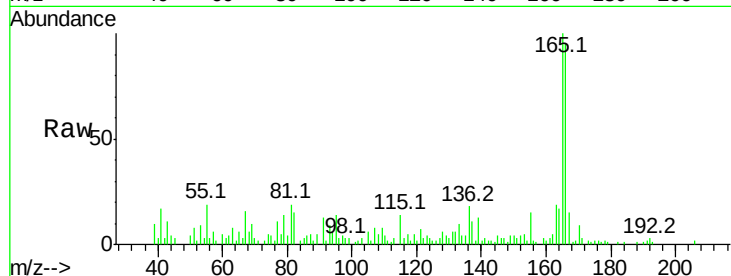




#57
Fluorene
 Concen: 4.60 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

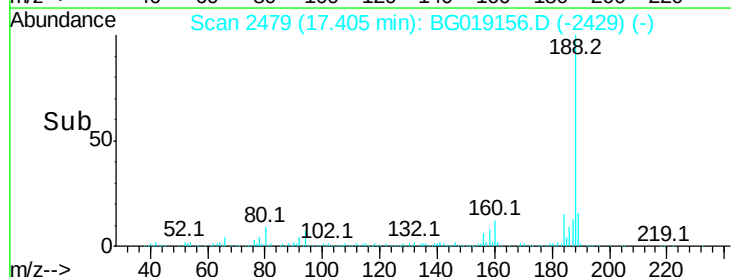
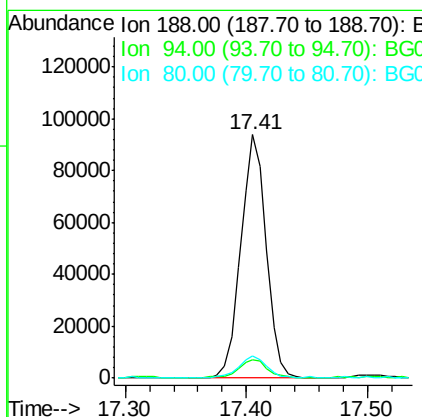
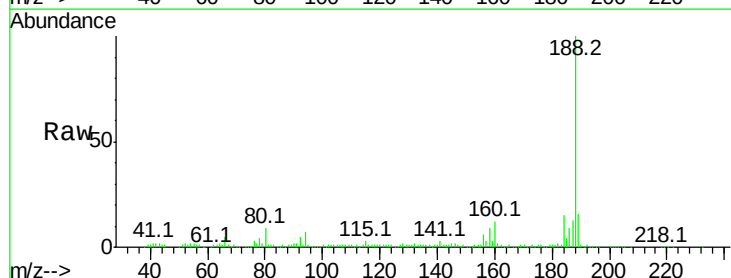
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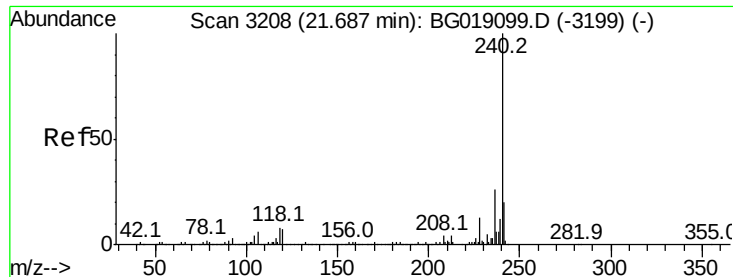
Tot Ion:166 Resp: 21338
 Ion Ratio Lower Upper
 166 100
 165 105.3 80.2 120.2
 167 15.3 11.4 17.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.41 min Scan# 2479
 Delta R.T. -0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

Tgt Ion:188 Resp: 137950
 Ion Ratio Lower Upper
 188 100
 94 7.3 6.4 9.6
 80 9.2 7.6 11.4

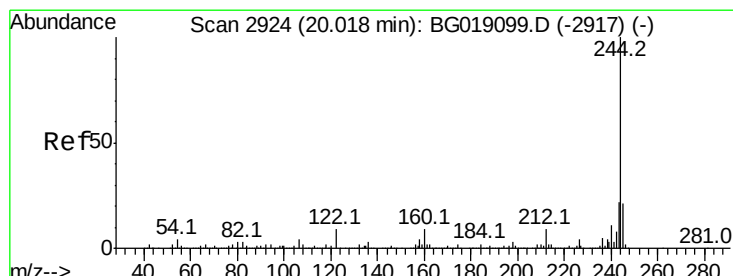
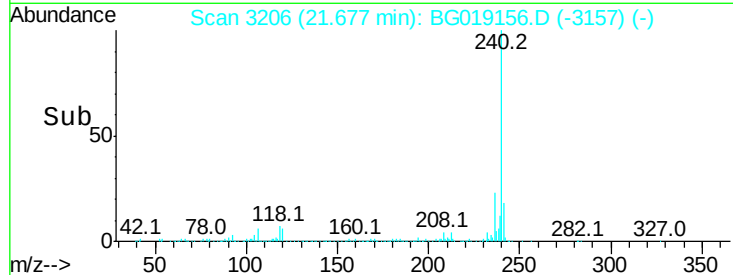
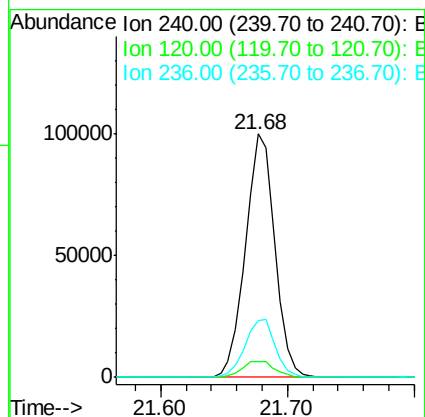
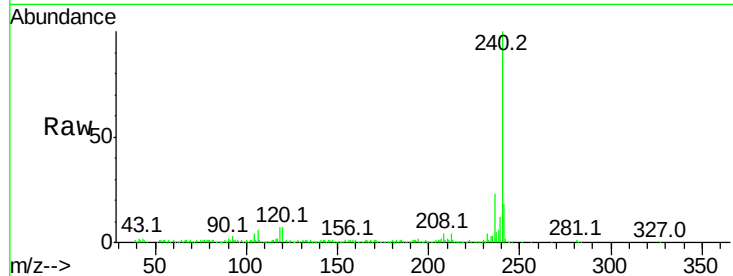




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.68 min Scan# 3206
 Delta R.T. -0.01 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

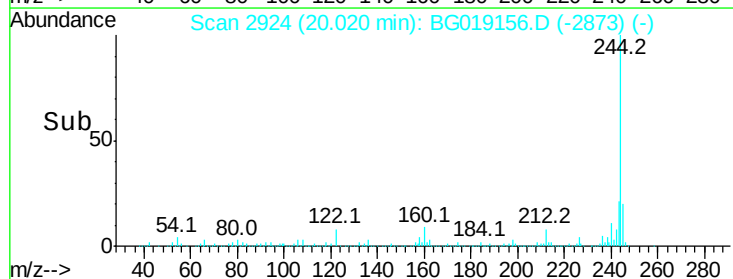
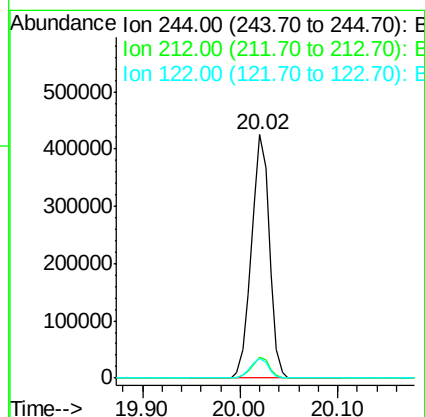
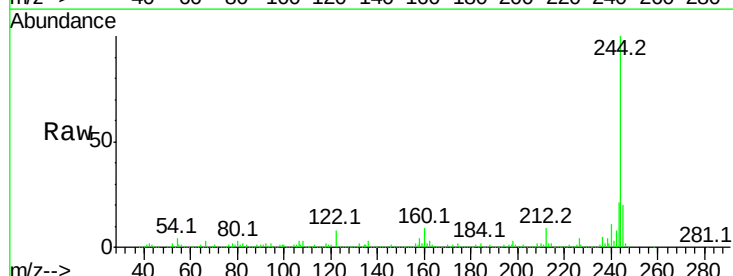
Instrument :
 BNA_G
 ClientSampleId :
 MW16

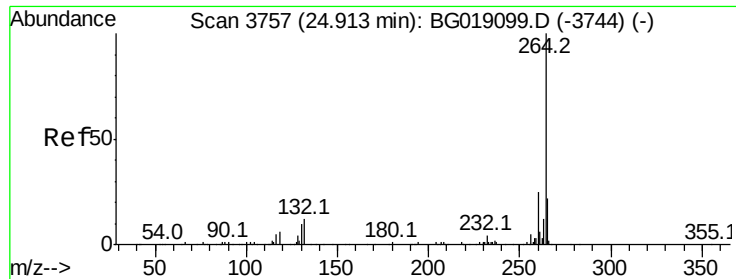
Tot Ion:240 Resp: 160340
 Ion Ratio Lower Upper
 240 100
 120 6.7 5.8 8.6
 236 23.5 21.2 31.8



#78
 Terphenyl-d14
 Concen: 90.48 ng
 RT: 20.02 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

Tgt Ion:244 Resp: 549191
 Ion Ratio Lower Upper
 244 100
 212 8.5 6.8 10.2
 122 8.1 7.4 11.2

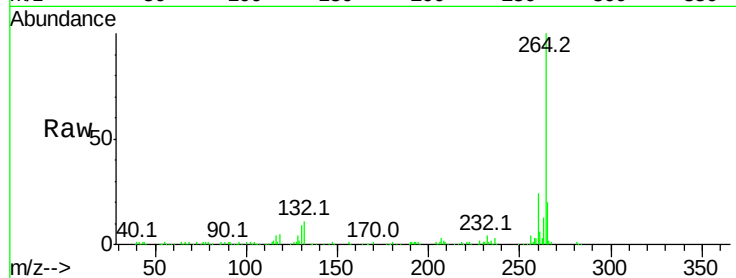




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.00 min
 Lab File: BG019156.D
 Acq: 12 Oct 2015 11:08

Instrument :
 BNA_G
 ClientSampleId :
 MW16

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	20.1	30.1
265	19.7	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

