

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121315\
 Data File : BG020139.D
 Acq On : 13 Dec 2015 11:26
 Operator : UM/SJ
 Sample : G4772-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-8A

Quant Time: Dec 14 00:29:37 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

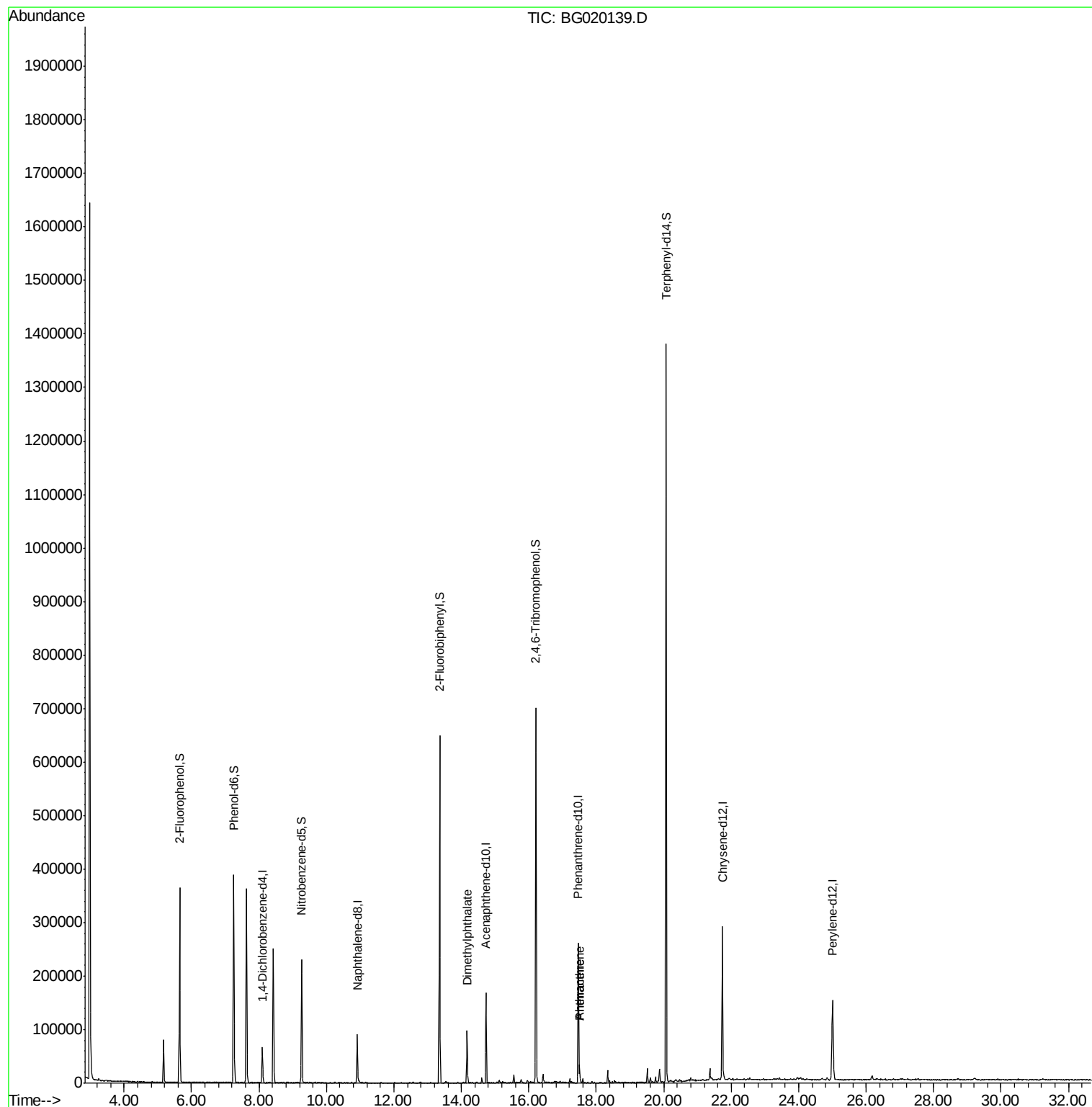
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18850	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	78644	20.00	ng	-0.04
38) Acenaphthene-d10	14.72	164	59257	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	162040	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	181022	20.00	ng	-0.05
86) Perylene-d12	25.01	264	169332	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	146287	140.26	ng	-0.02
7) Phenol-d6	7.25	99	219035	139.10	ng	-0.02
23) Nitrobenzene-d5	9.27	82	138862	90.11	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	131766	145.33	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	329641	75.96	ng	-0.04
78) Terphenyl-d14	20.07	244	606336	81.70	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.17	163	62470	11.72	ng	99
70) Phenanthrene	17.51	178	21896	2.39	ng	93
71) Anthracene	17.51	178	21896	2.34	ng	93

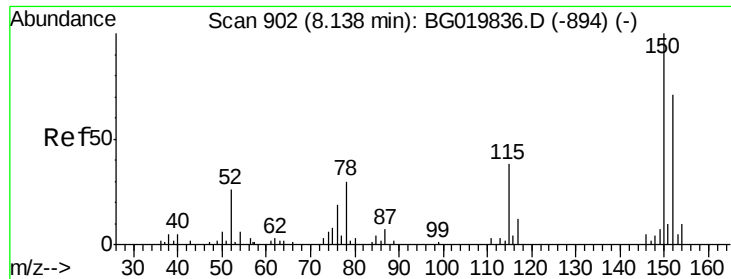
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
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QLast Update : Wed Dec 02 18:50:01 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-8A

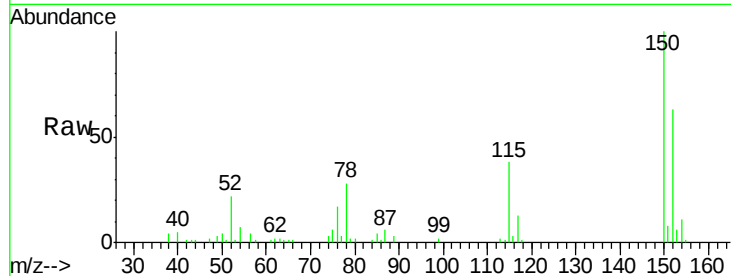
Tgt Ion:152 Resp: 18850

Ion Ratio Lower Upper

152 100

150 157.9 115.0 172.4

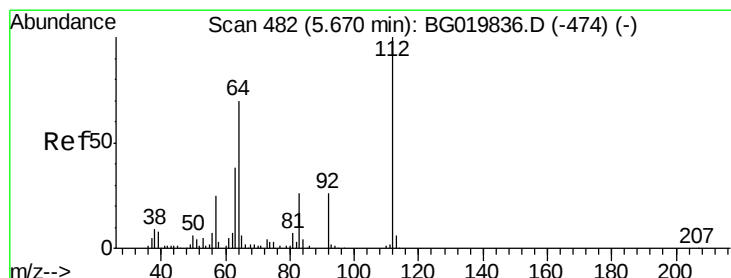
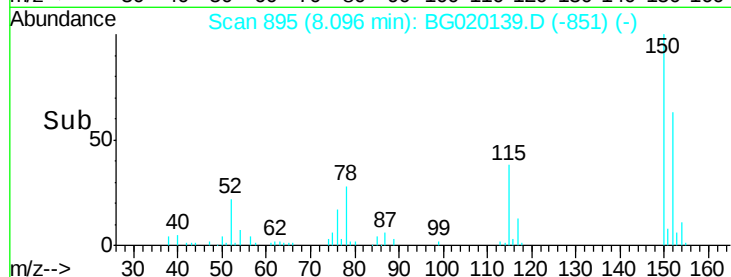
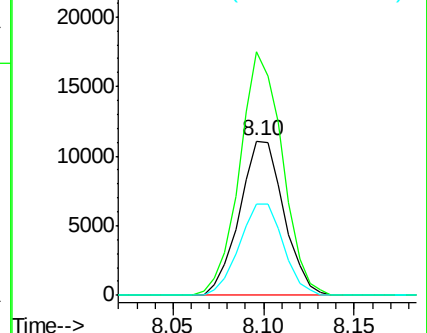
115 59.2 43.9 65.9



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: 140.26 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

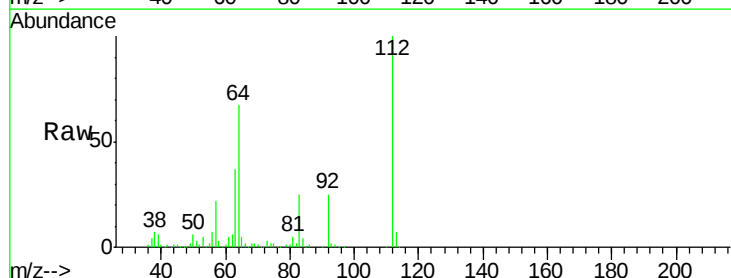
Tgt Ion:112 Resp: 146287

Ion Ratio Lower Upper

112 100

64 67.0 43.7 65.5#

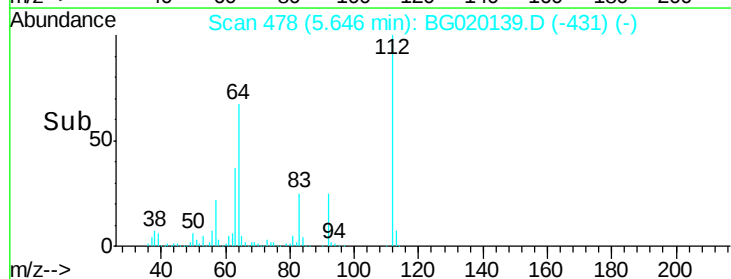
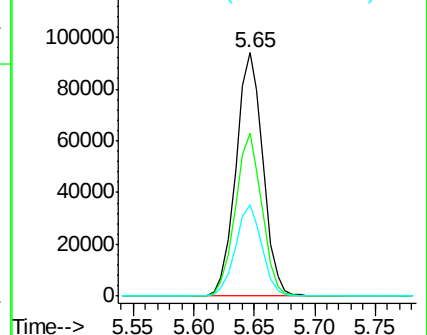
63 37.3 24.0 36.0#

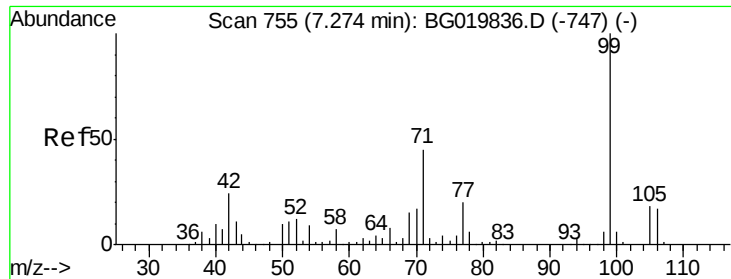


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.10 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-8A

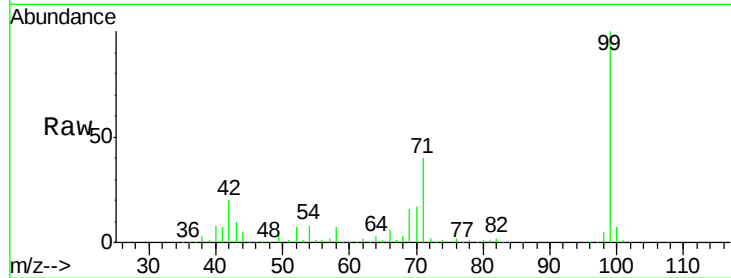
Tgt Ion: 99 Resp: 219035

Ion Ratio Lower Upper

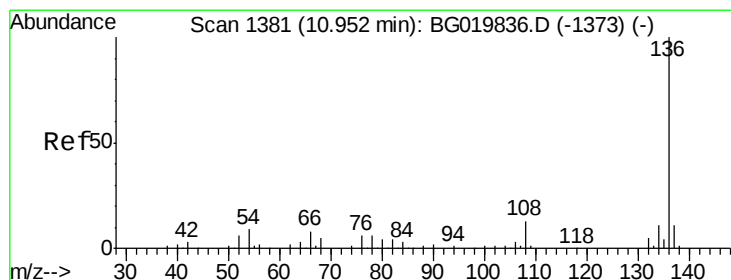
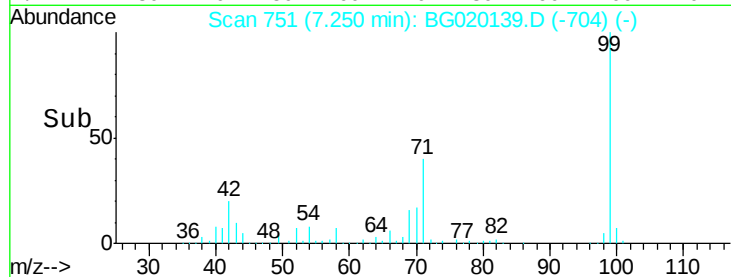
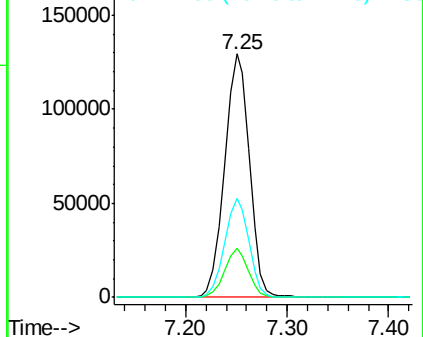
99 100

42 19.9 11.5 17.3#

71 40.5 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: 10.92 min Scan# 1375

Delta R.T. -0.04 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

Tgt Ion: 136 Resp: 78644

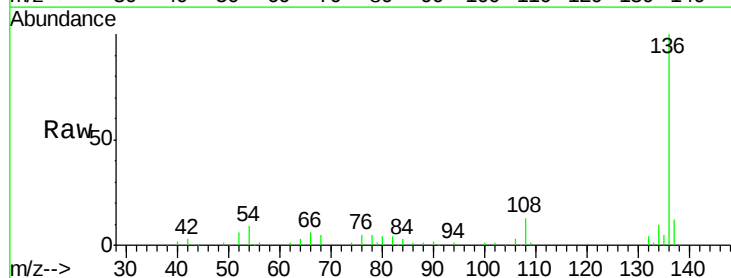
Ion Ratio Lower Upper

136 100

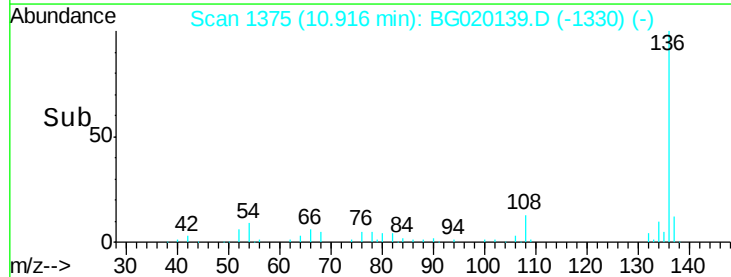
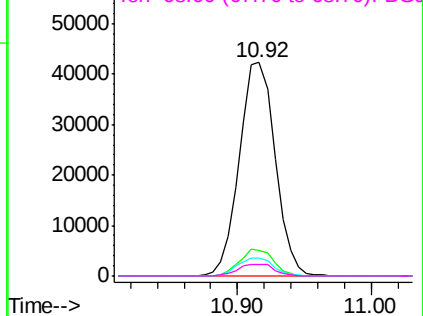
137 11.8 8.6 12.8

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

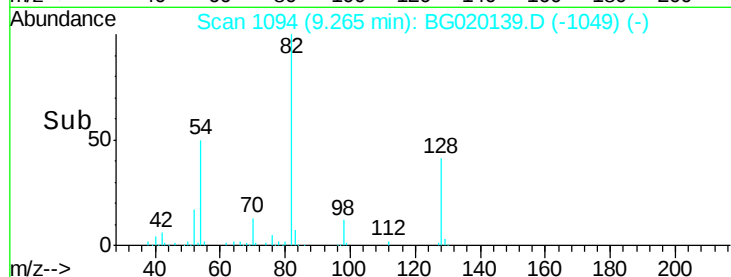
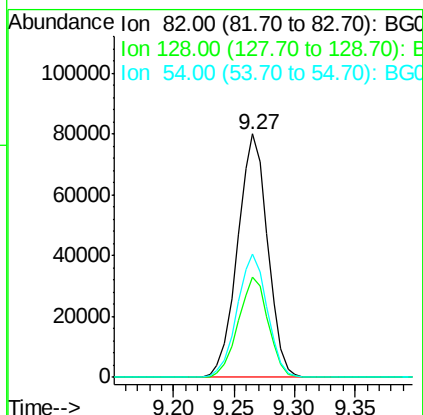
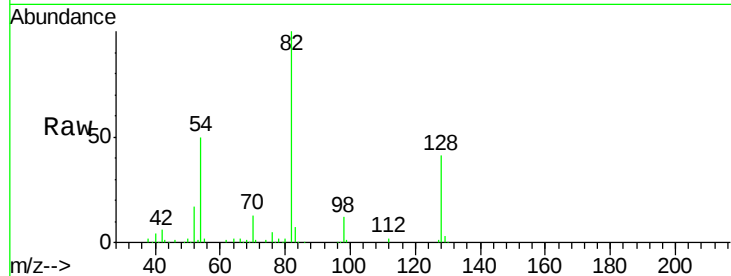




#23
Nitrobenzene-d5
Concen: 90.11 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020139.D
Acq: 13 Dec 2015 11:26

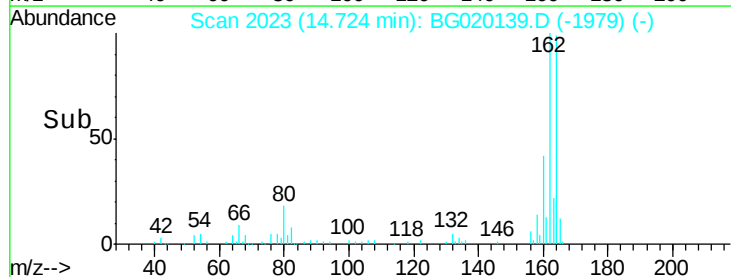
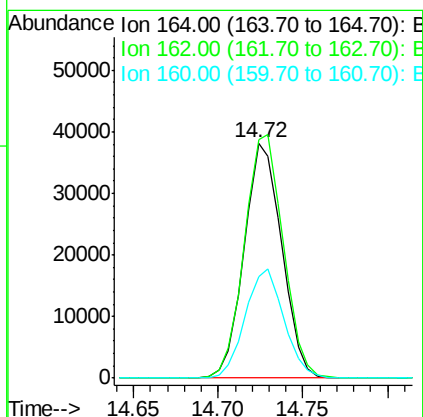
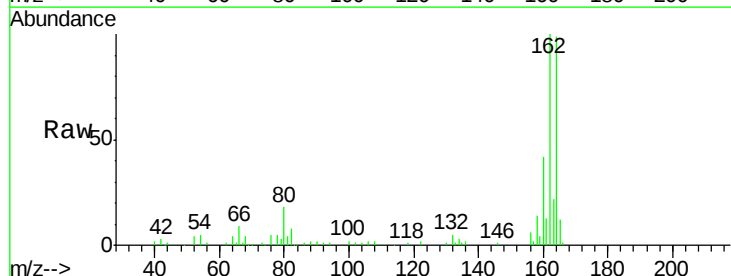
Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-8A

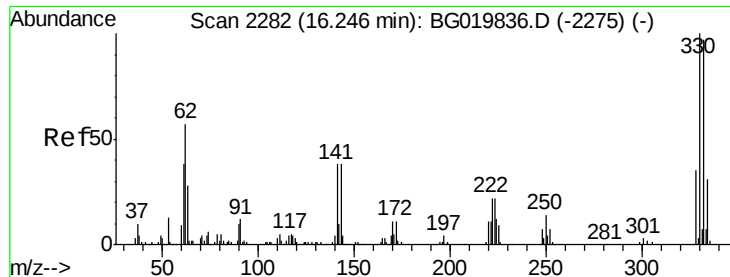
Tgt Ion: 82 Resp: 138862
Ion Ratio Lower Upper
82 100
128 40.9 36.7 55.1
54 50.5 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BG020139.D
Acq: 13 Dec 2015 11:26

Tgt Ion: 164 Resp: 59257
Ion Ratio Lower Upper
164 100
162 101.5 78.8 118.2
160 43.0 36.4 54.6

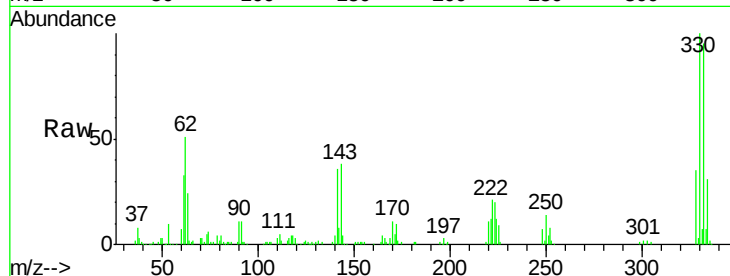




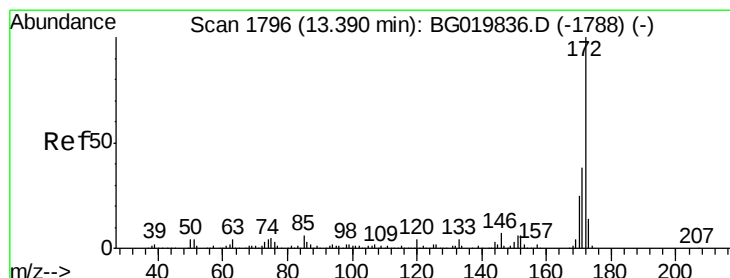
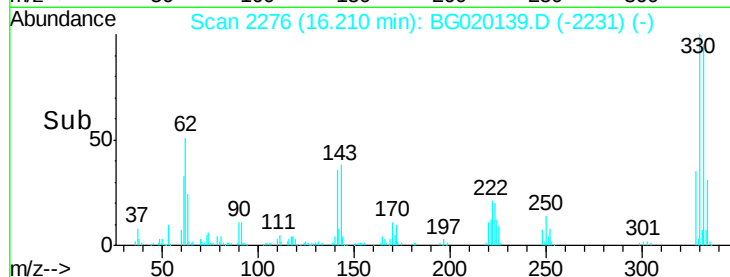
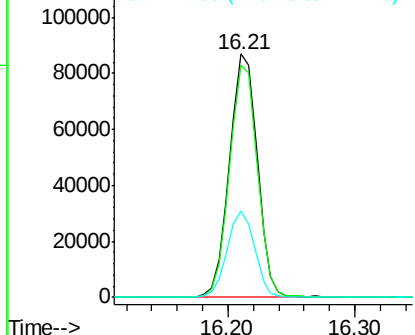
#41
 2,4,6-Tribromophenol
 Concen: 145.33 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020139.D
 Acq: 13 Dec 2015 11:26

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-8A

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.1	117.1
141	35.0	28.2	42.2

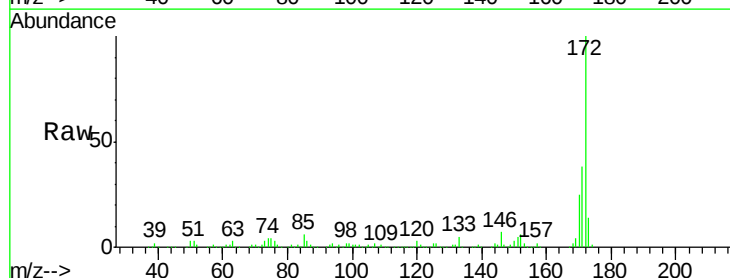


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

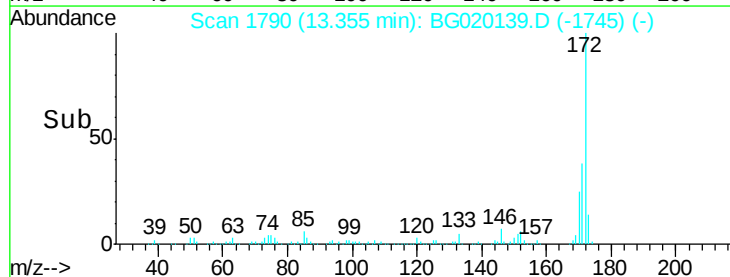
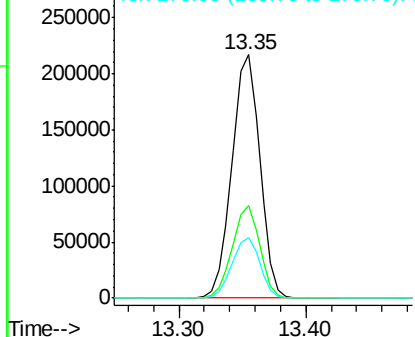


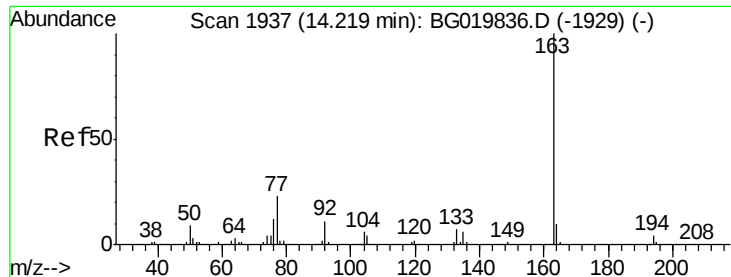
#44
 2-Fluorobiphenyl
 Concen: 75.96 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020139.D
 Acq: 13 Dec 2015 11:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	29.0	43.6
170	25.0	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





#49

Dimethylphthalate

Concen: 11.72 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.05 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-8A

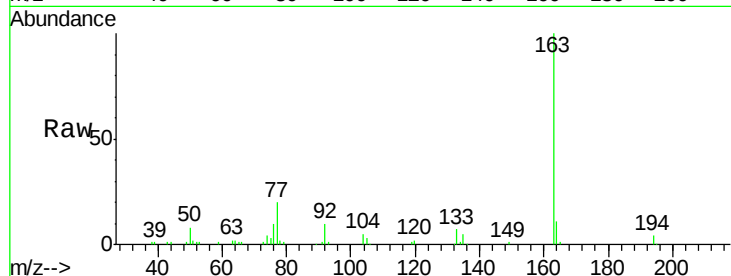
Tgt Ion:163 Resp: 62470

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

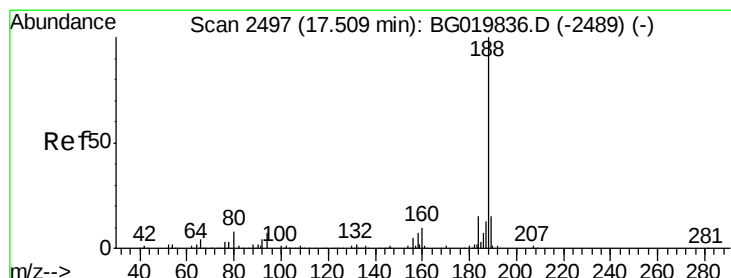
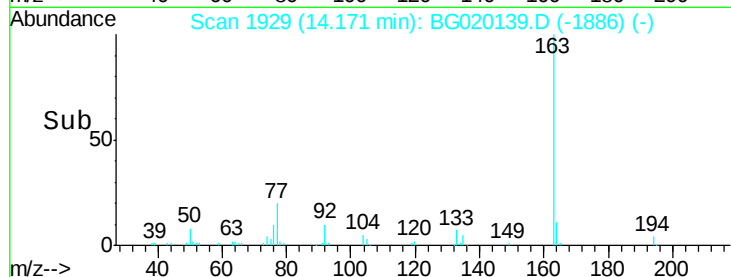
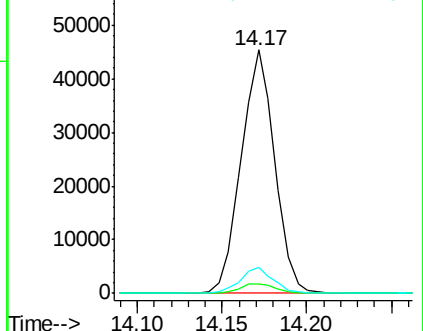
164 10.5 8.8 13.2



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

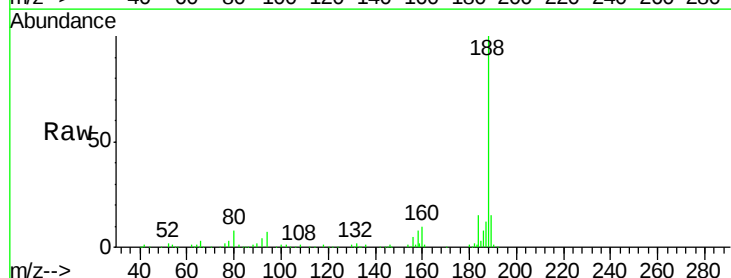
Tgt Ion:188 Resp: 162040

Ion Ratio Lower Upper

188 100

94 6.6 7.7 11.5#

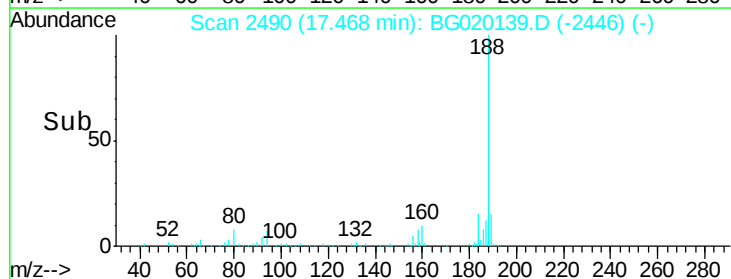
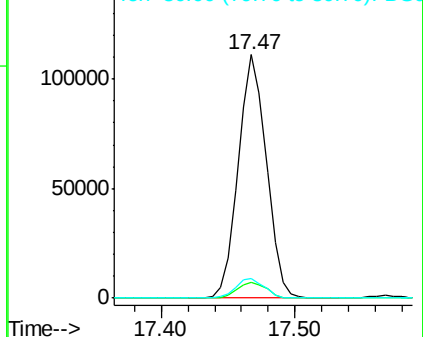
80 7.8 7.8 11.8#

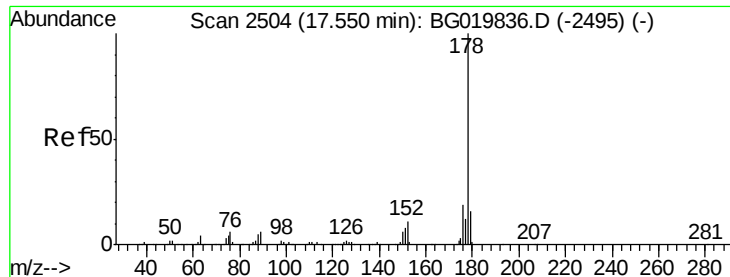


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#70

Phenanthrene

Concen: 2.39 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.04 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-8A

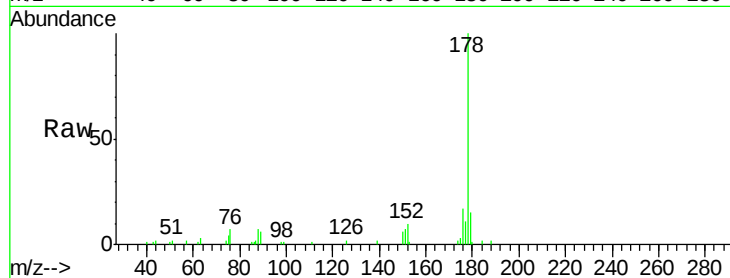
Tgt Ion:178 Resp: 21896

Ion Ratio Lower Upper

178 100

176 17.2 16.7 25.1

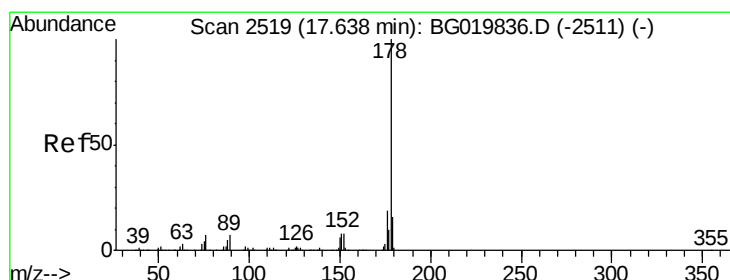
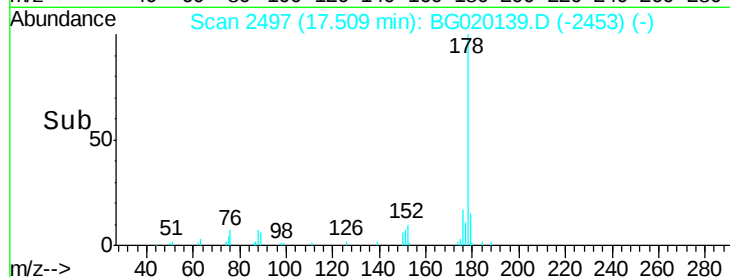
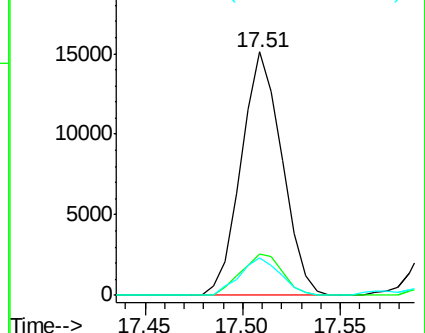
179 15.3 13.9 20.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.34 ng

RT: 17.51 min Scan# 2497

Delta R.T. -0.13 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

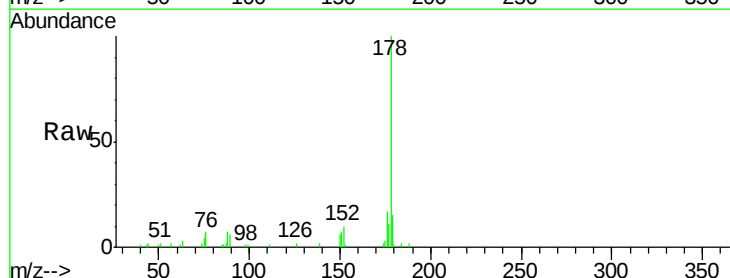
Tgt Ion:178 Resp: 21896

Ion Ratio Lower Upper

178 100

176 17.2 16.8 25.2

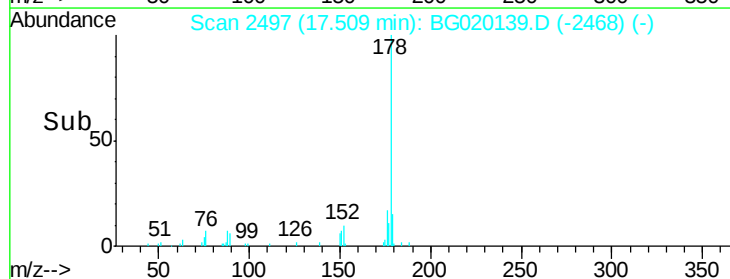
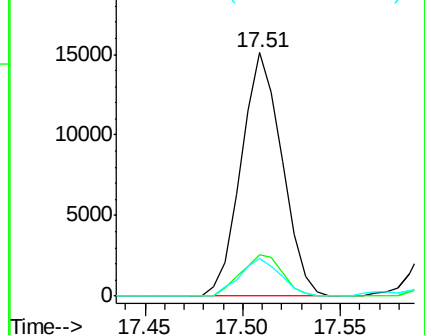
179 15.3 13.9 20.9

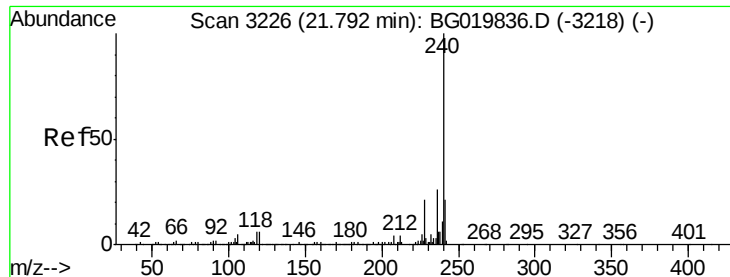


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

Instrument :

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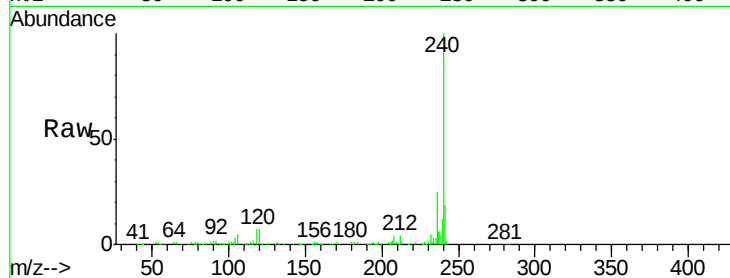
Tgt Ion:240 Resp: 181022

Ion Ratio Lower Upper

240 100

120 7.1 7.4 11.0#

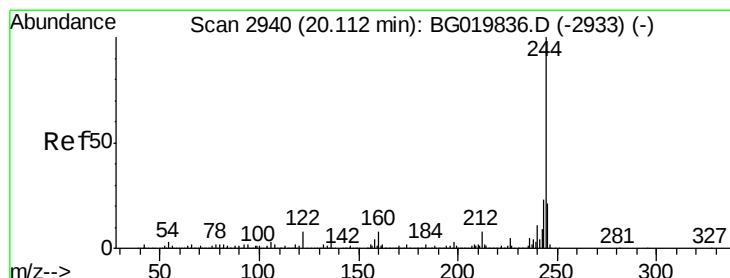
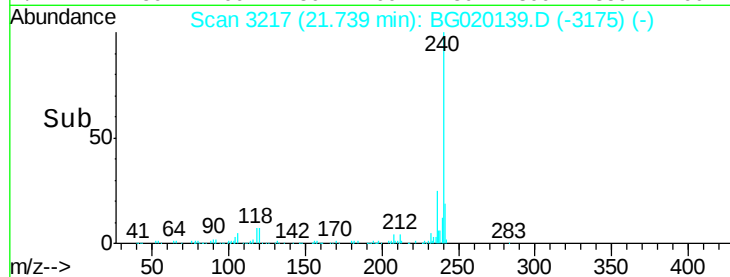
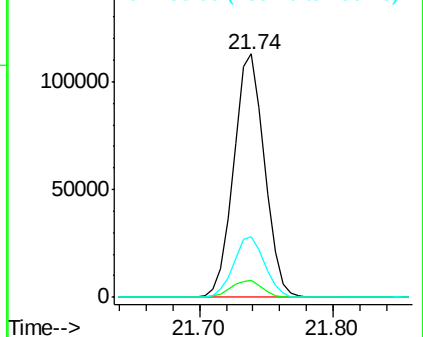
236 25.1 20.7 31.1



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: 81.70 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020139.D

Acq: 13 Dec 2015 11:26

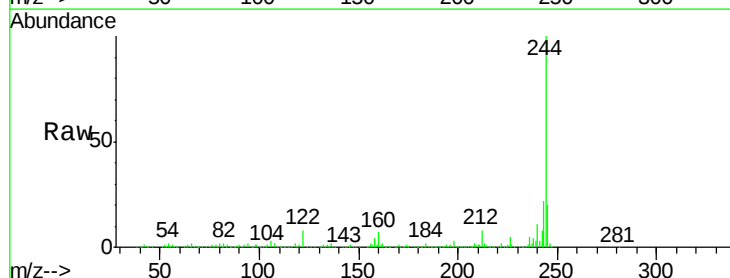
Tgt Ion:244 Resp: 606336

Ion Ratio Lower Upper

244 100

212 8.0 6.9 10.3

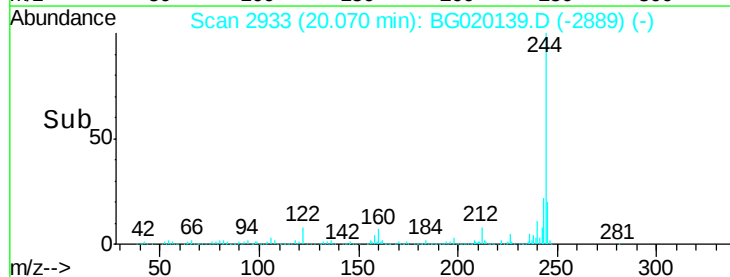
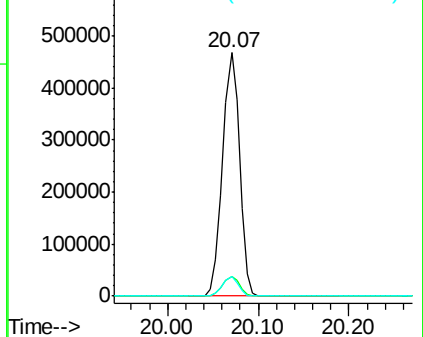
122 7.9 10.2 15.2#

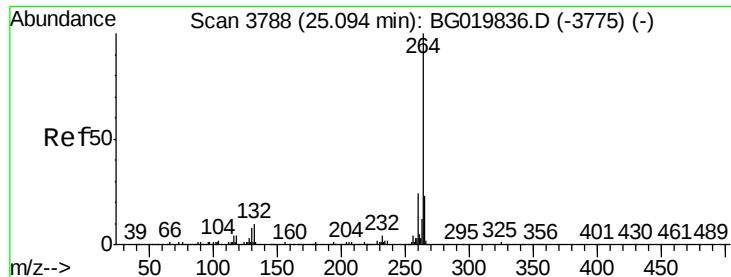


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3773
Delta R.T. -0.09 min
Lab File: BG020139.D
Acq: 13 Dec 2015 11:26

Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-8A

Tgt Ion:	264	Resp:	169332
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.8	17.2	25.8

