

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023876.D
 Acq On : 24 Aug 2016 5:32
 Operator : UM/SJ
 Sample : H4528-18
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Quant Time: Aug 24 07:10:33 2016
 Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 01 19:22:14 2016
 Response via : Initial Calibration

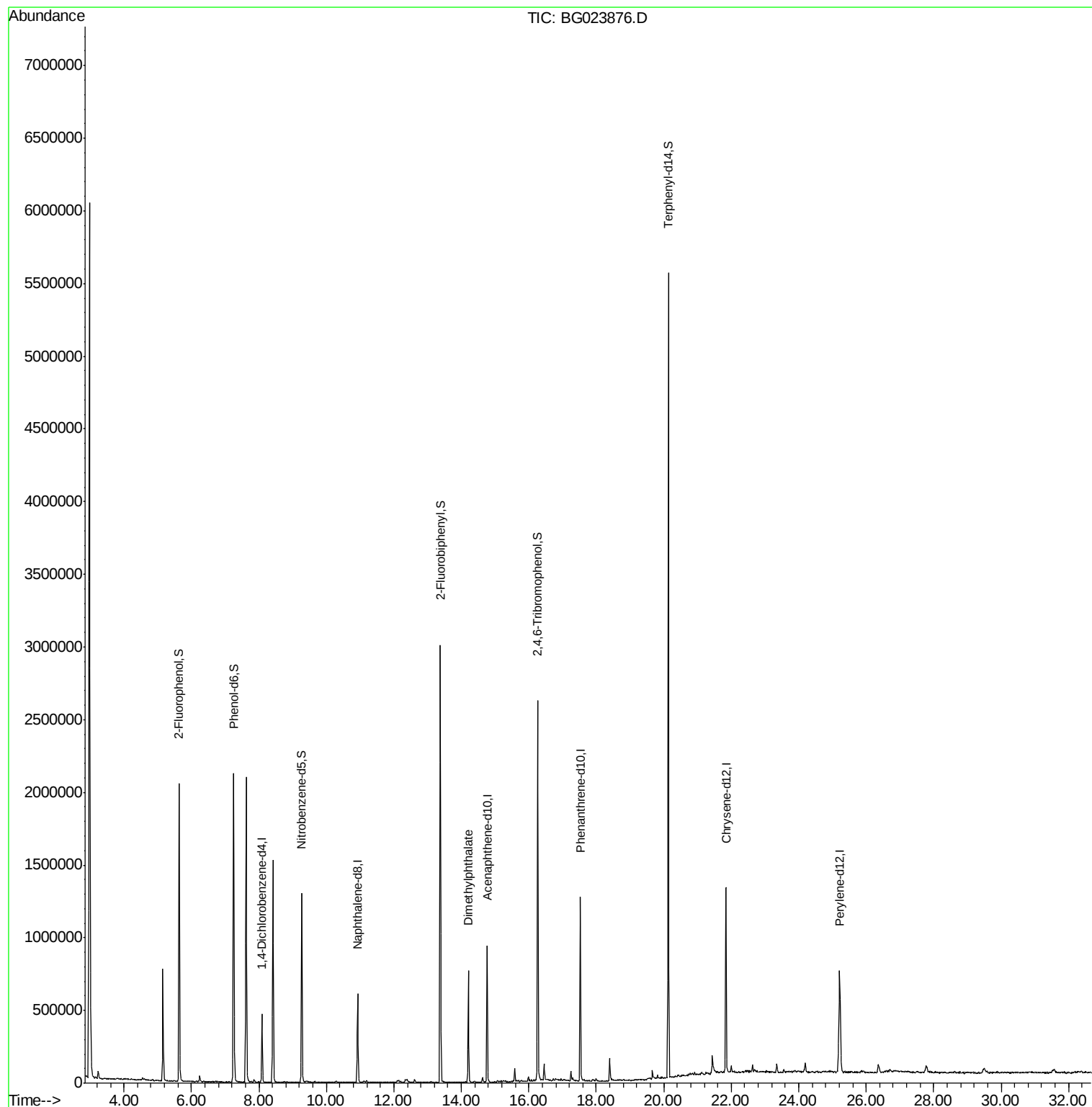
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	120507	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	505431	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	311881	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	736125	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	803160	20.00	ng	-0.02
86) Perylene-d12	25.22	264	780549	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	874975	122.22	ng	-0.02
7) Phenol-d6	7.25	99	1260282	113.02	ng	-0.02
23) Nitrobenzene-d5	9.27	82	865633	85.15	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	469595	102.94	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1500973	81.17	ng	-0.02
78) Terphenyl-d14	20.13	244	2119240	81.87	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.21	163	489020	20.44	ng	98

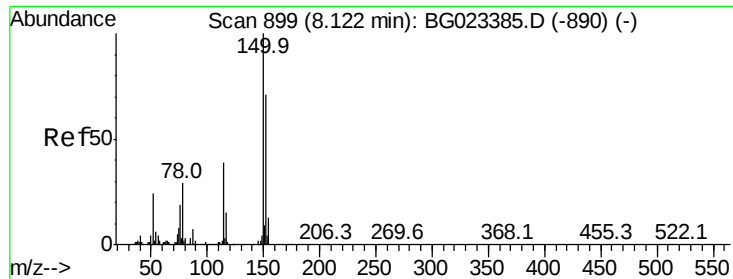
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 894

Delta R.T. -0.03 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

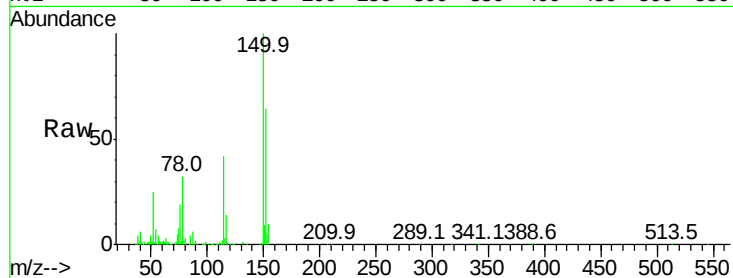
Tot Ion:152 Resp: 120507

Ion Ratio Lower Upper

152 100

150 155.4 144.7 217.1

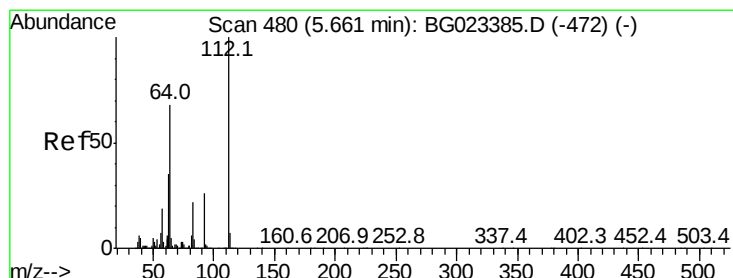
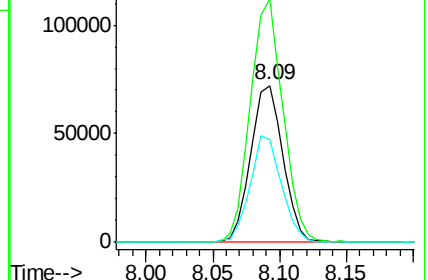
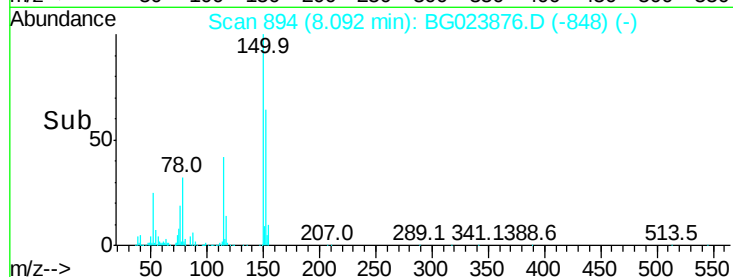
115 65.9 64.0 96.0



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: 122.22 ng

RT: 5.64 min Scan# 476

Delta R.T. -0.02 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

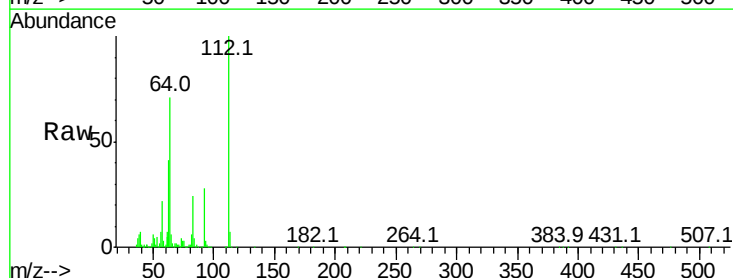
Tgt Ion:112 Resp: 874975

Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

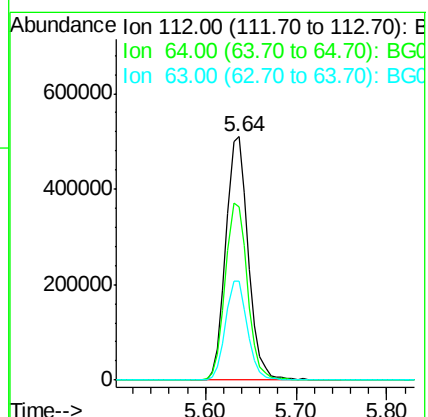
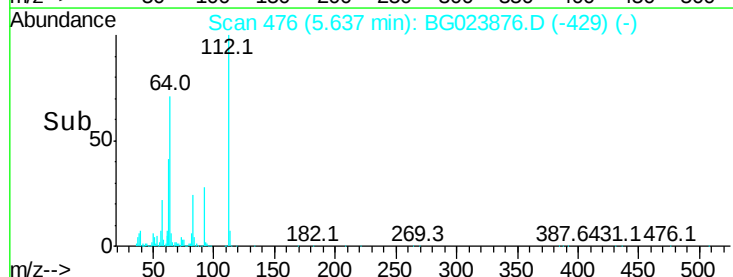
63 40.8 37.8 56.8

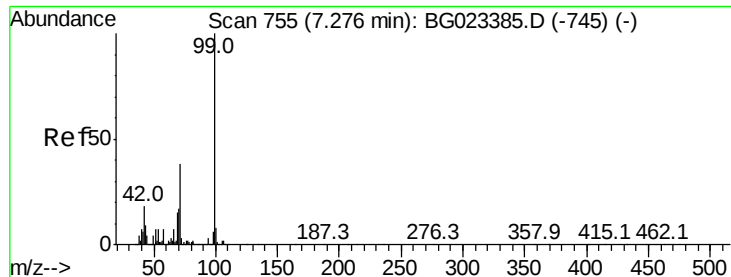


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 113.02 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

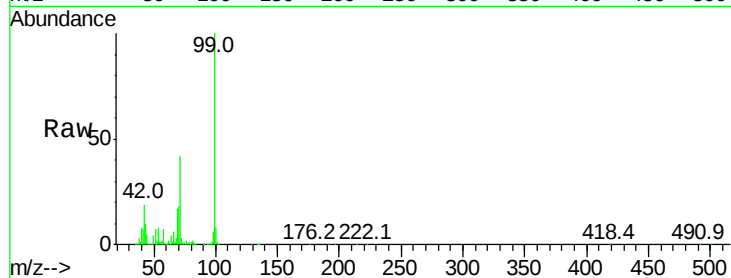
Tot Ion: 99 Resp: 1260282

Ion Ratio Lower Upper

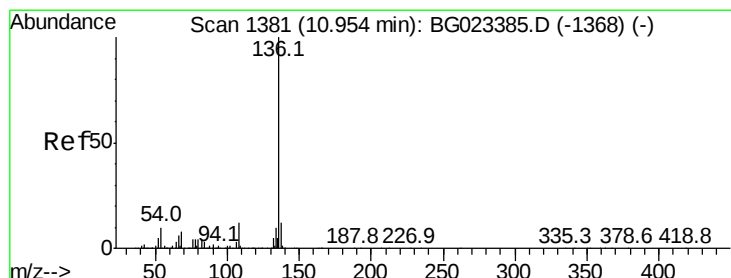
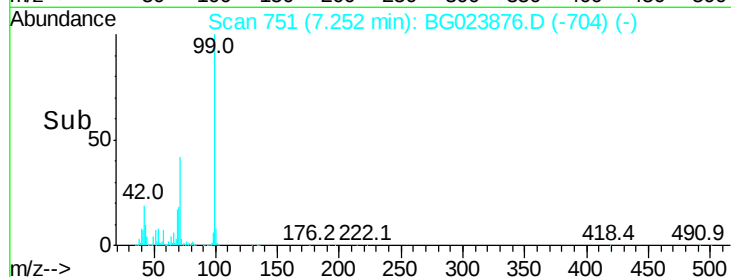
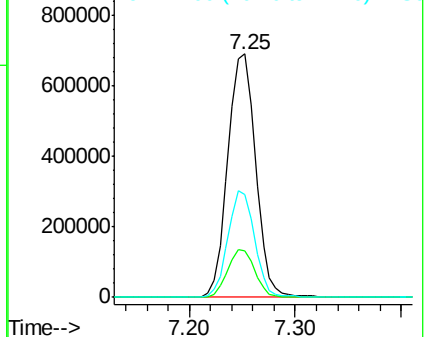
99 100

42 19.1 17.8 26.6

71 42.2 41.5 62.3



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# 1376

Delta R.T. -0.03 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

Tgt Ion: 136 Resp: 505431

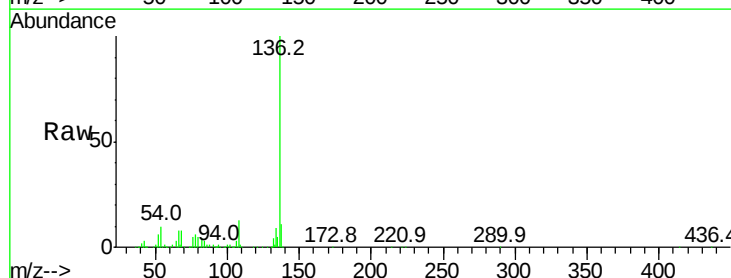
Ion Ratio Lower Upper

136 100

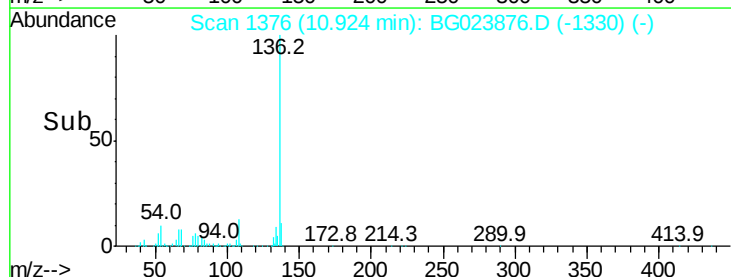
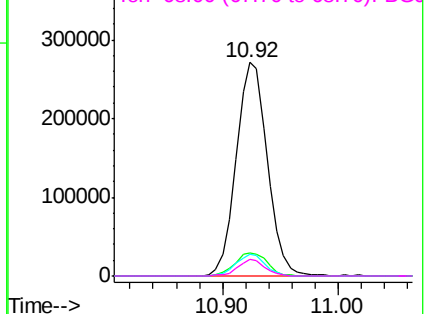
137 10.6 9.6 14.4

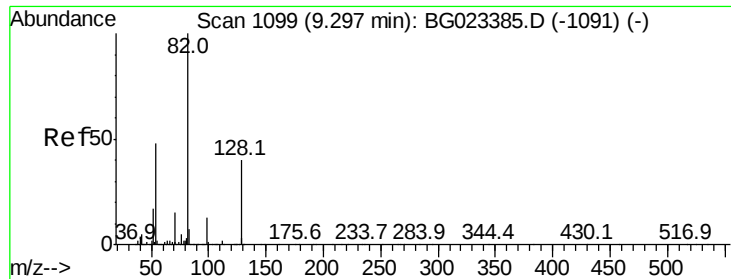
54 10.0 7.3 10.9

68 7.6 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

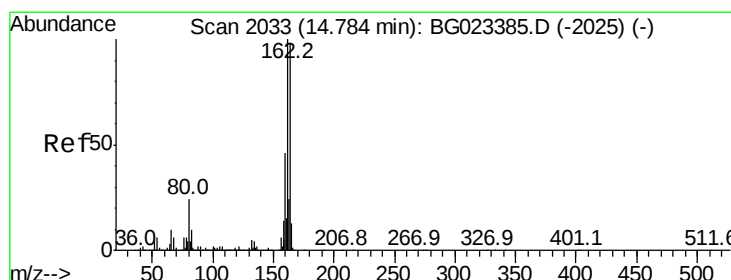
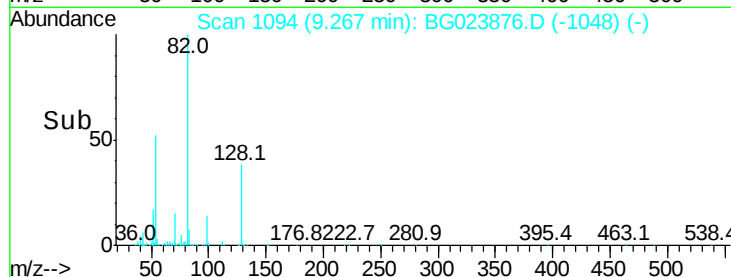
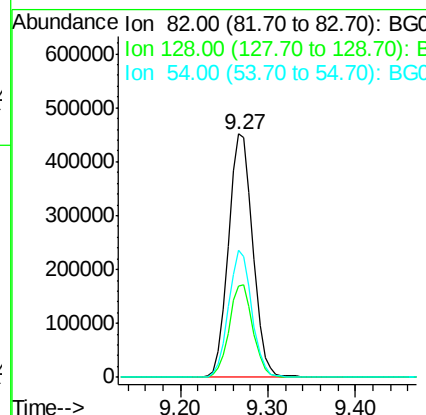
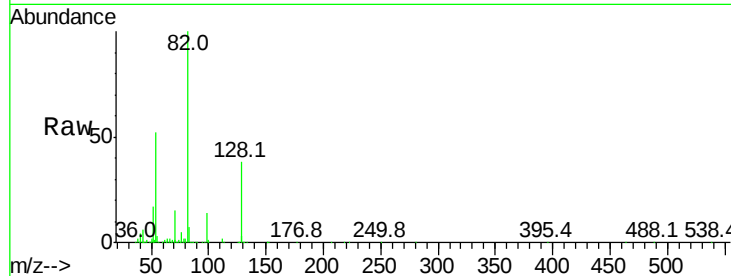




#23
 Nitrobenzene-d5
 Concen: 85.15 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

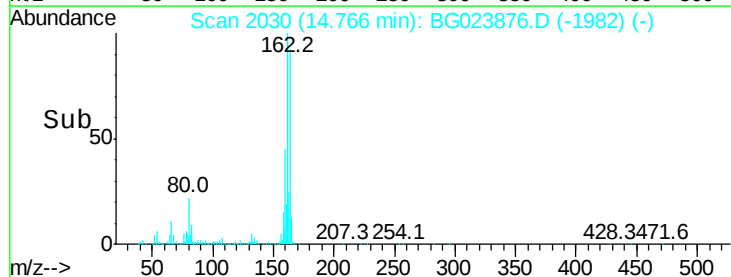
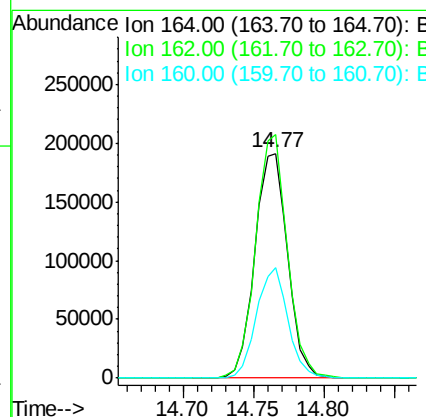
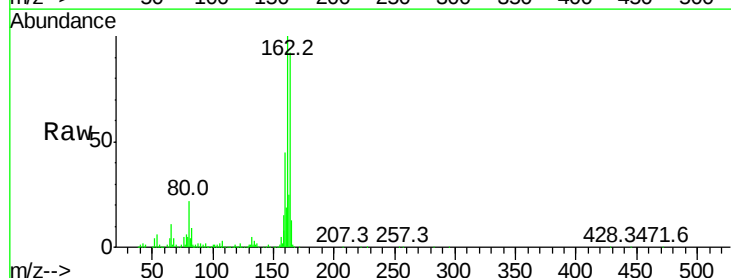
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

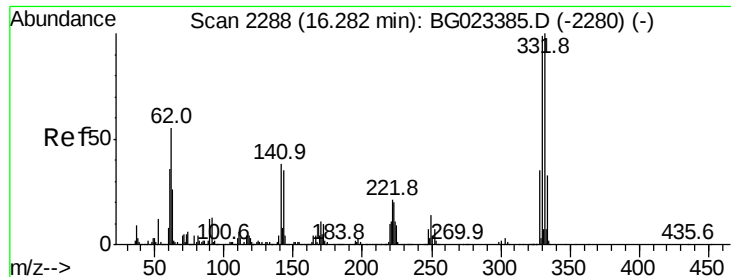
Tot Ion	82	Resp	865633
Ion Ratio	Lower	Upper	
82	100		
128	37.6	24.4	36.6#
54	52.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.77 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

Tgt Ion	164	Resp	311881
Ion Ratio	Lower	Upper	
164	100		
162	108.3	87.7	131.5
160	49.2	37.2	55.8

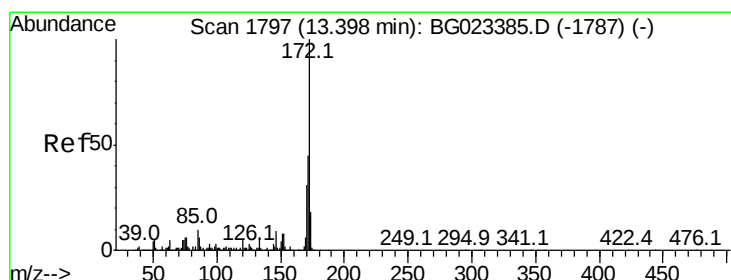
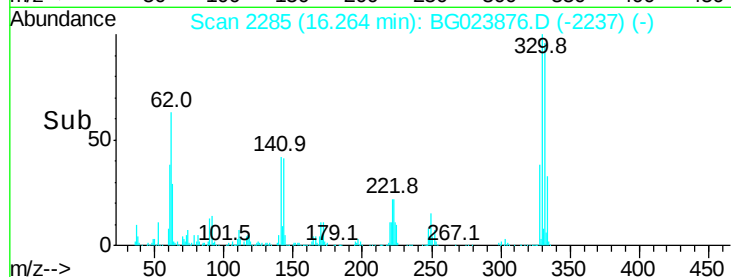
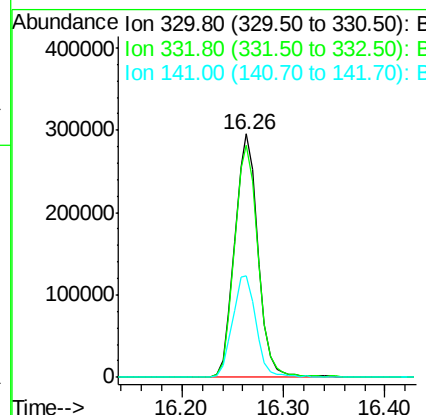
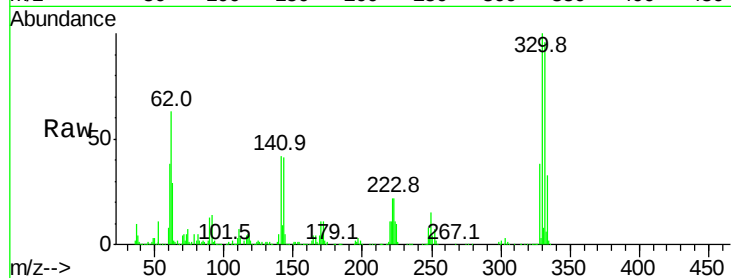




#41
 2,4,6-Tribromophenol
 Concen: 102.94 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

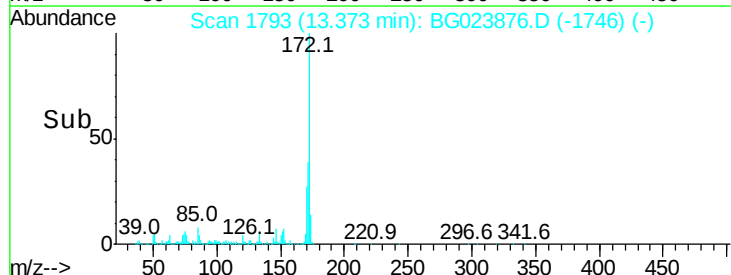
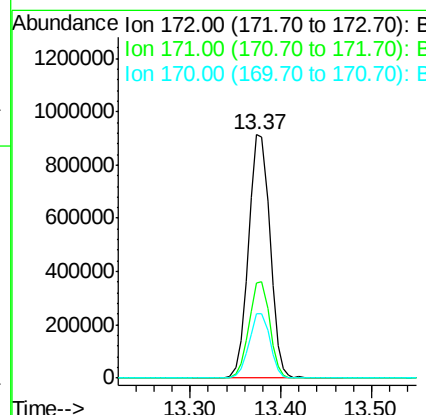
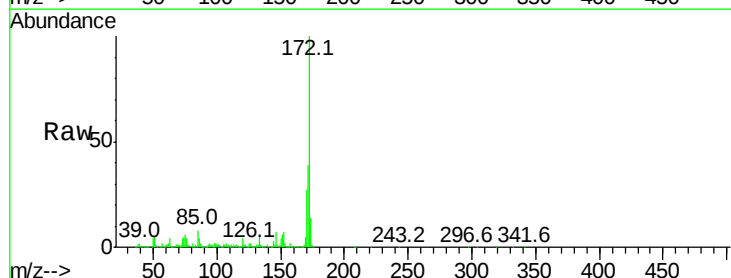
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

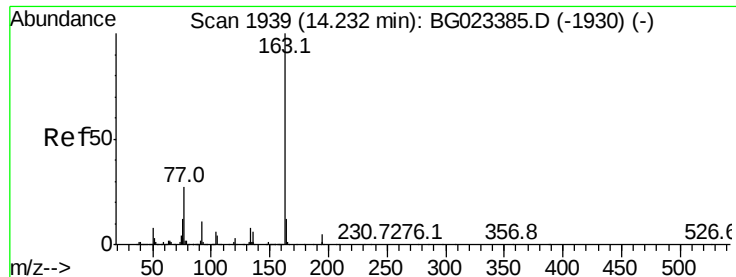
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.4	116.2
141	42.7	31.7	47.5



#44
 2-Fluorobiphenyl
 Concen: 81.17 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.9	31.6	47.4
170	26.5	21.3	31.9





#49

Dimethylphthalate

Concen: 20.44 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.02 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

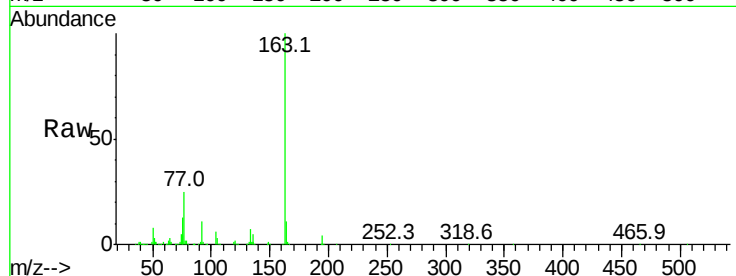
Tot Ion:163 Resp: 489020

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

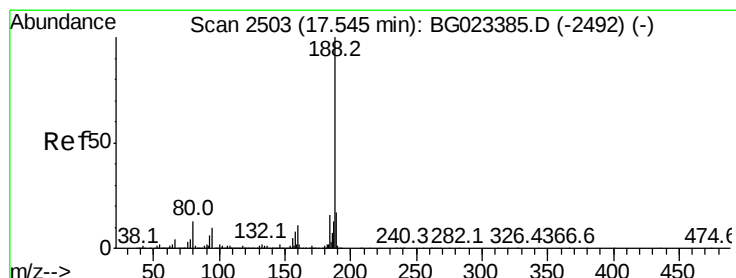
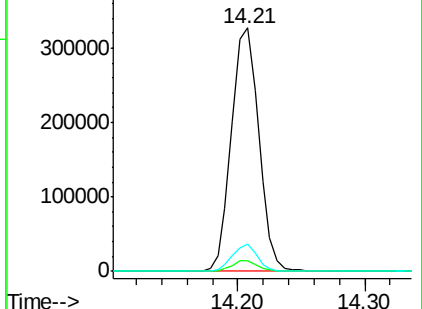
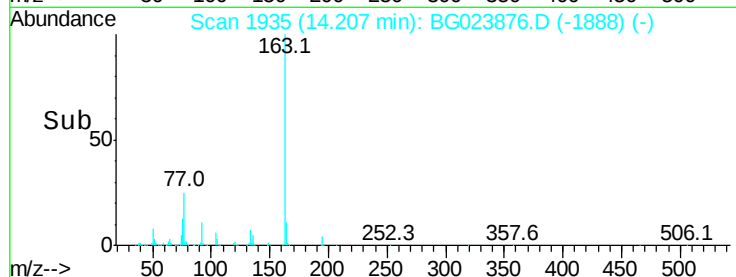
164 11.0 8.1 12.1



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.53 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

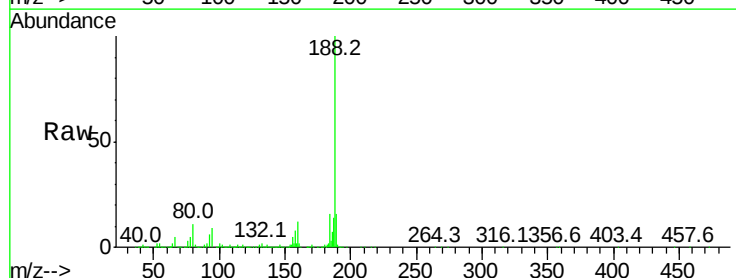
Tgt Ion:188 Resp: 736125

Ion Ratio Lower Upper

188 100

94 8.7 5.2 7.8#

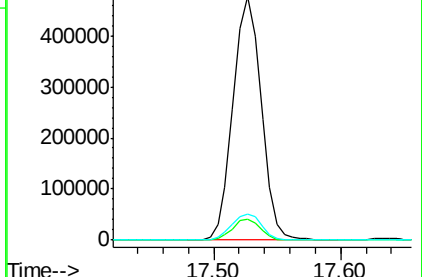
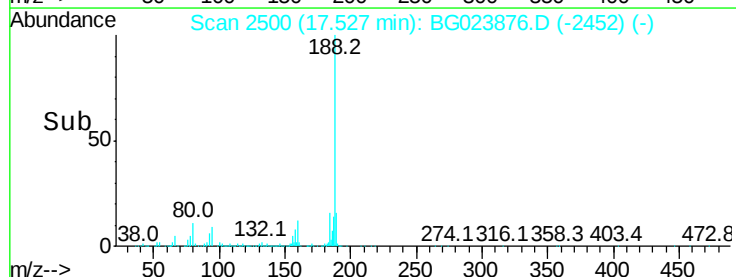
80 10.9 7.2 10.8#

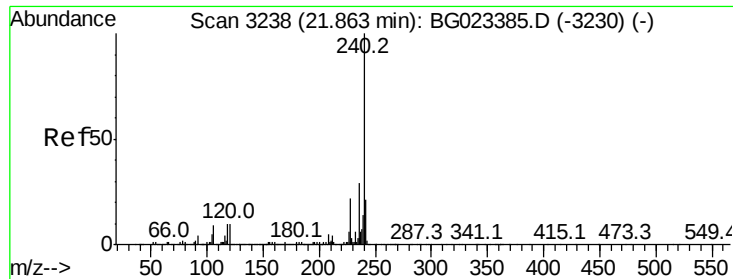


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

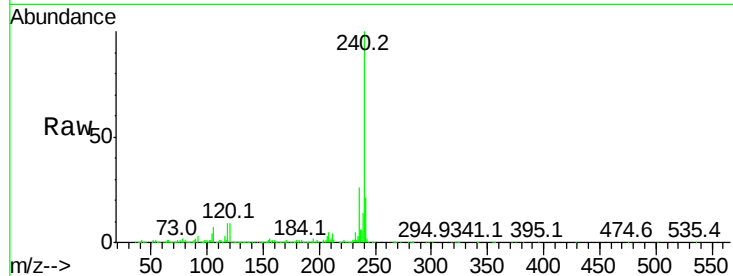
Tot Ion:240 Resp: 803160

Ion Ratio Lower Upper

240 100

120 9.3 4.1 6.1#

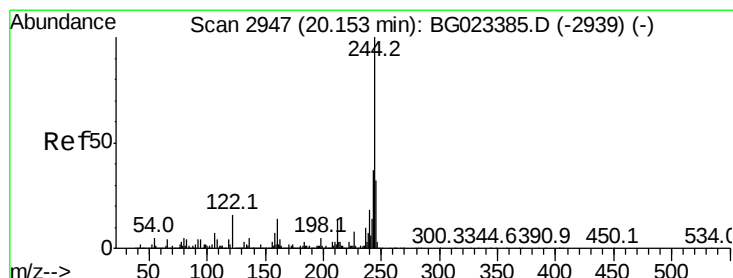
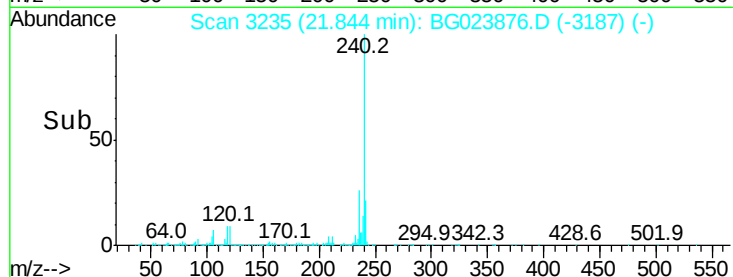
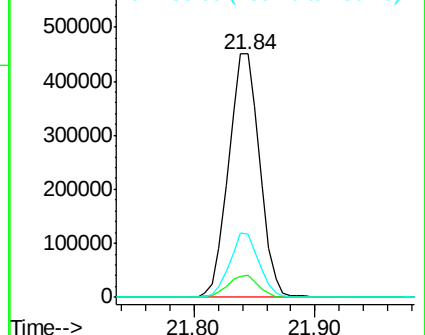
236 25.7 21.1 31.7



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: 81.87 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

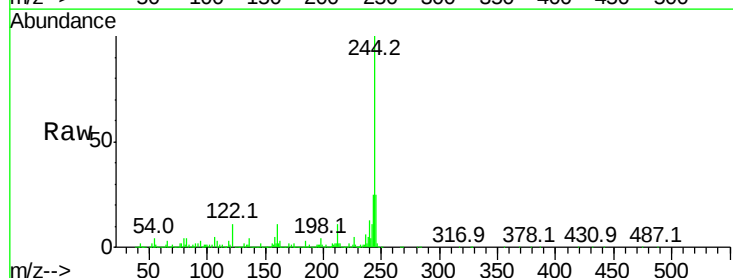
Tgt Ion:244 Resp: 2119240

Ion Ratio Lower Upper

244 100

212 11.4 10.8 16.2

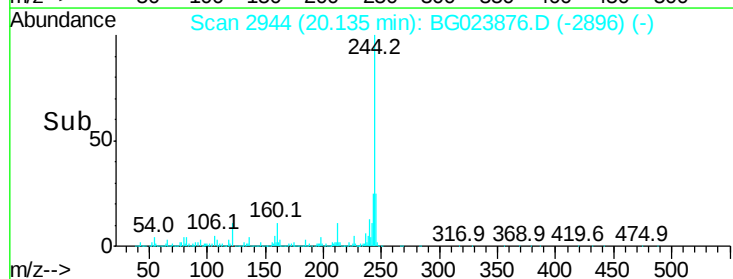
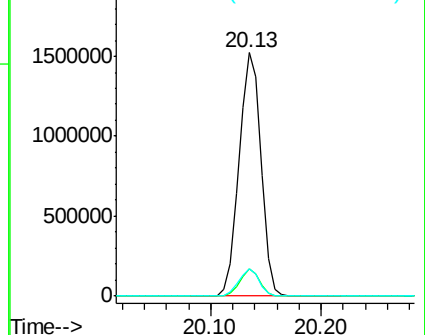
122 11.1 8.0 12.0

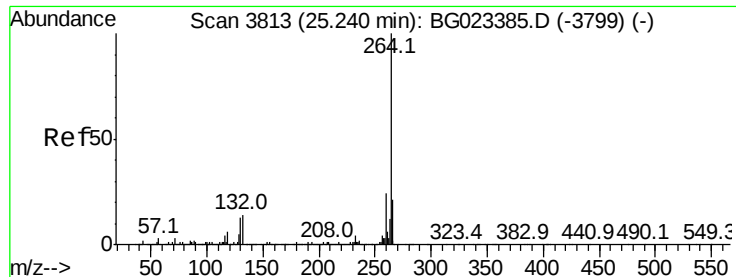


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.22 min Scan# 3810
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

Tot Ion:	264	Resp:	780549
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	23.0	18.9	28.3

