

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 07:02:43 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

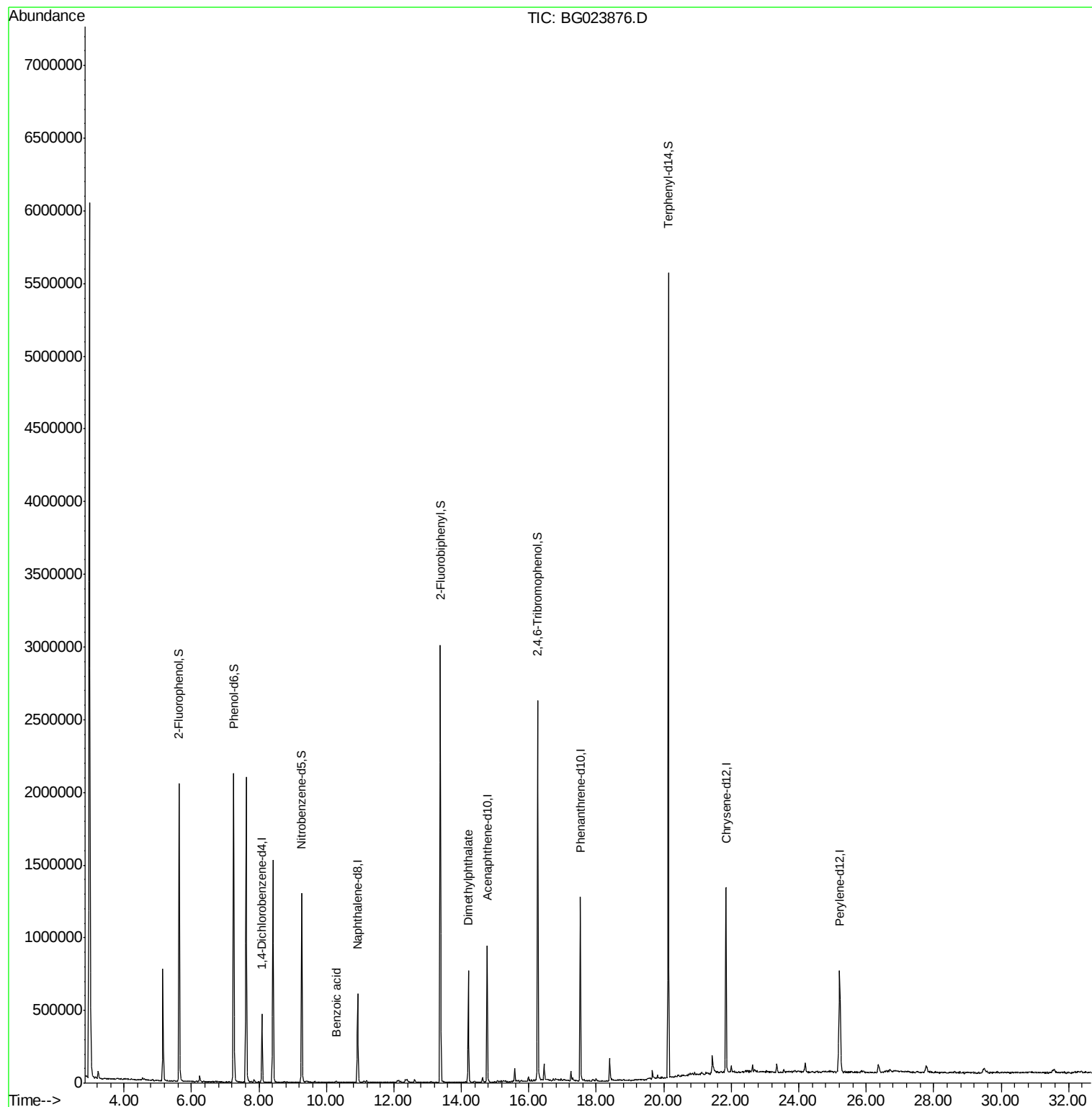
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	120507	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	505431	20.00	ng	-0.03
38) Acenaphthene-d10	14.77	164	311881	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	736125	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	803160	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						
9) Benzaldehyde	7.21	77	198	Below Cal	#	8
32) Benzoic acid	10.28	122	67	6.45 ng	#	1
49) Dimethylphthalate	14.21	163	489020	20.44 ng		98
73) Di-n-butylphthalate	18.48	149	4073	Below Cal	#	80
74) Fluoranthene	19.59	202	4463	Below Cal		72
77) Pyrene	19.95	202	5279	Below Cal		94

(#) = 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

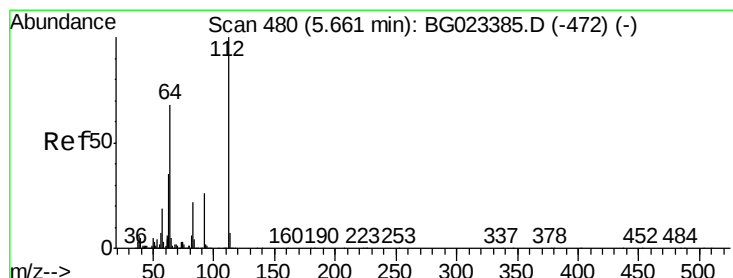
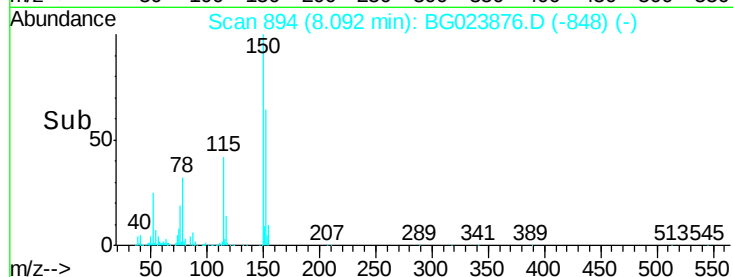
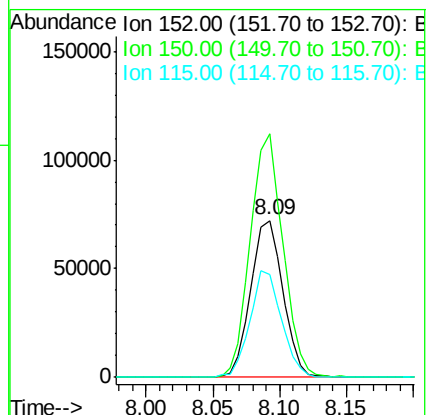
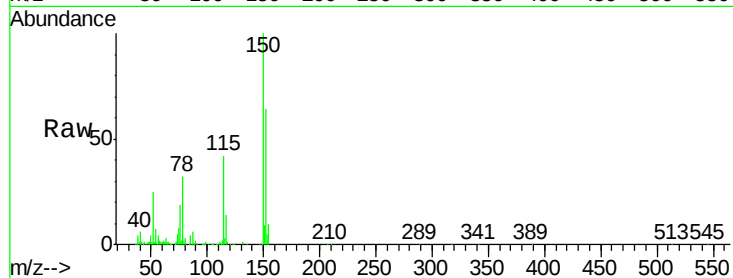
Tgt Ion:152 Resp: 120507

Ion Ratio Lower Upper

152 100

150 155.4 144.7 217.1

115 65.9 64.0 96.0



#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

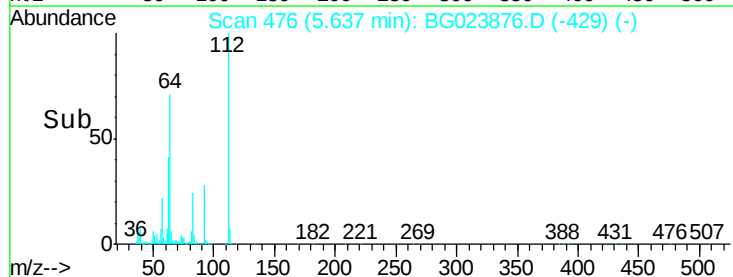
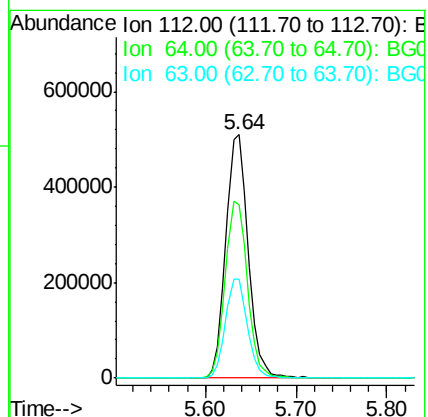
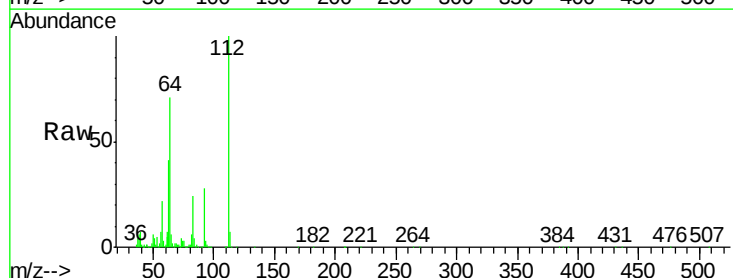
Tgt Ion:112 Resp: 874975

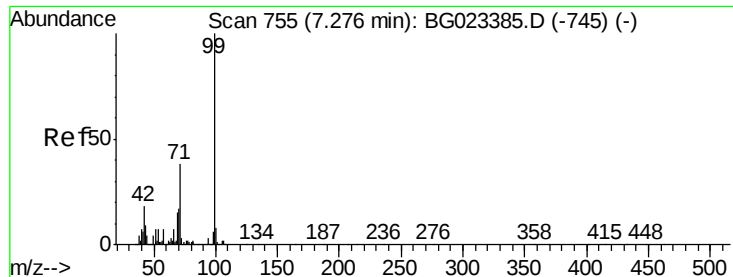
Ion Ratio Lower Upper

112 100

64 71.4 59.0 88.4

63 40.8 37.8 56.8





#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 :

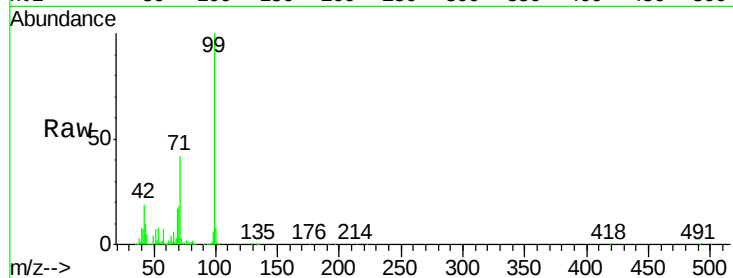
BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

Tgt Ion: 99 Resp: 1260282

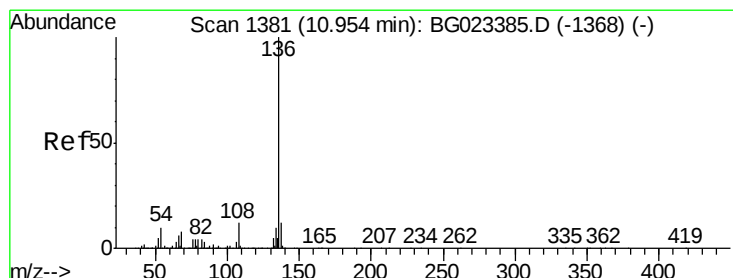
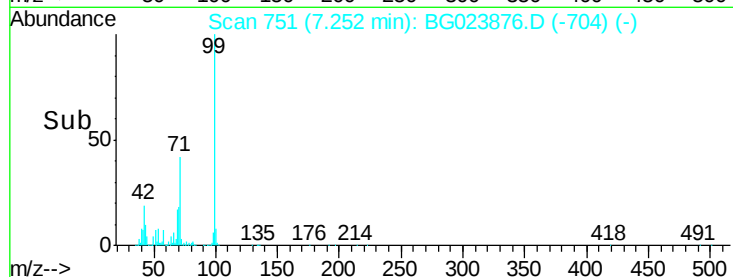
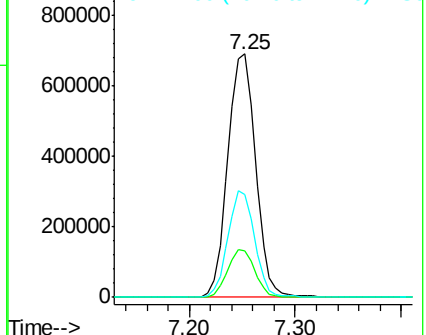
Ion	Ratio	Lower	Upper
99	100		
42	19.1	17.8	26.6
71	42.2	41.5	62.3



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

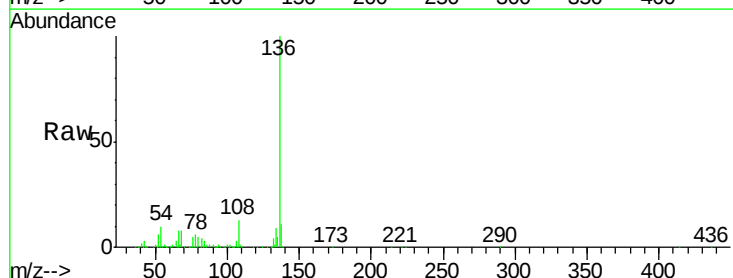
Delta R.T. -0.03 min

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

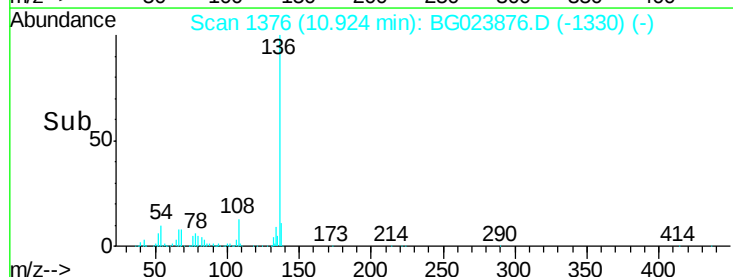
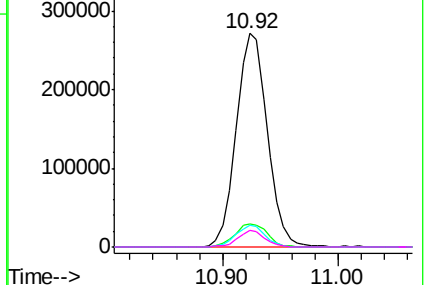


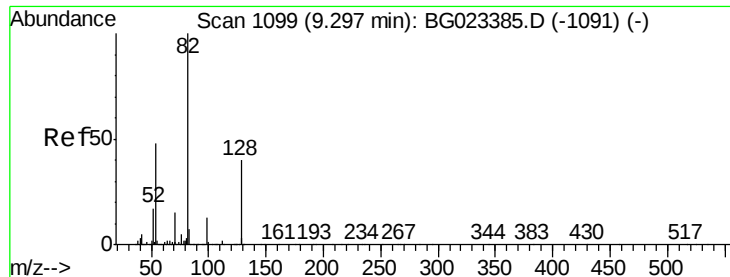
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

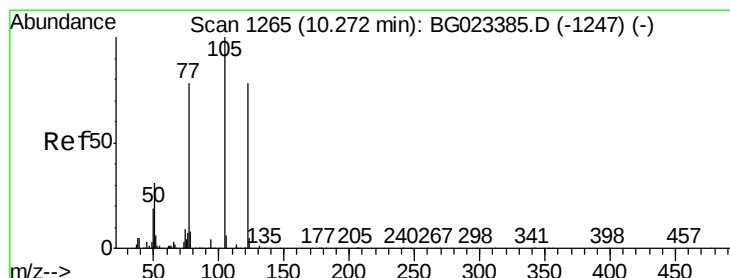
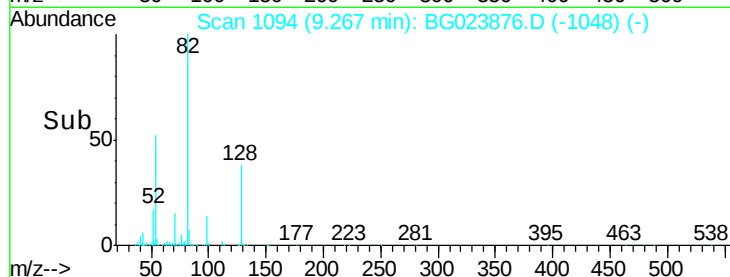
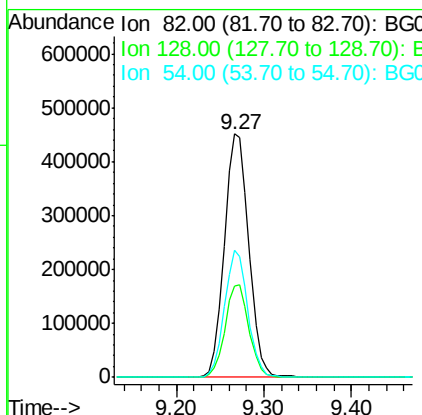
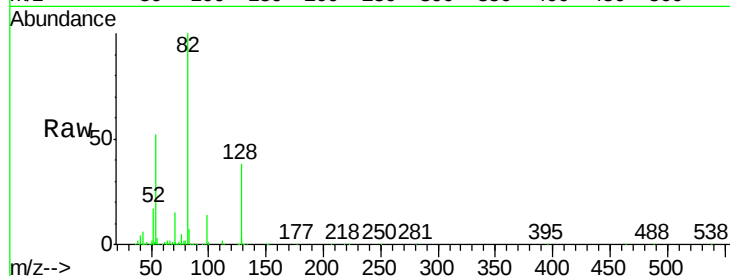




#23
 Nitrobenzene-d5
 Concen: 85.15 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.03 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

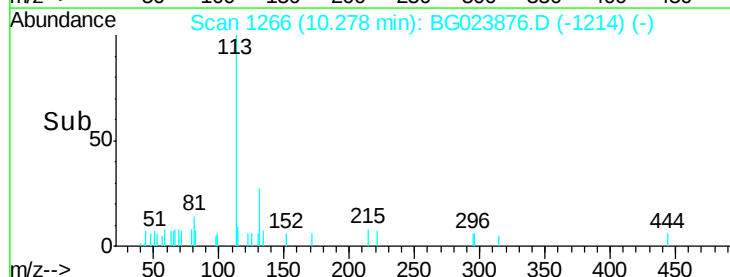
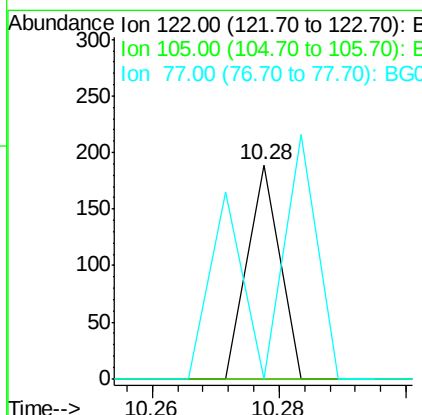
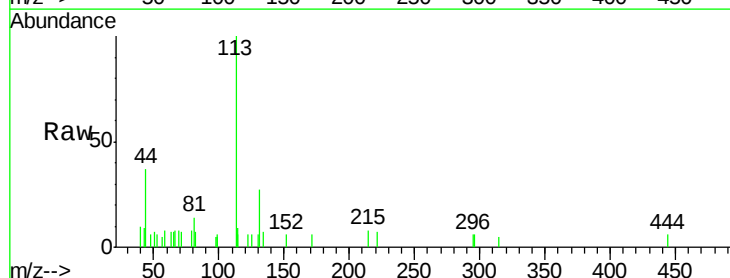
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

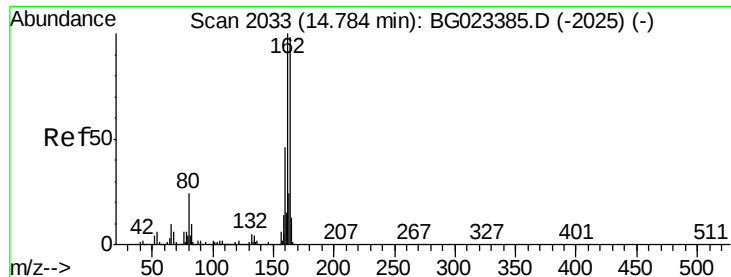
Tgt Ion: 82 Resp: 865633
 Ion Ratio Lower Upper
 82 100
 128 37.6 24.4 36.6#
 54 52.0 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.28 min Scan# 1266
 Delta R.T. 0.01 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

Tgt Ion: 122 Resp: 67
 Ion Ratio Lower Upper
 122 100
 105 0.0 117.2 157.2#
 77 0.0 109.2 149.2#





#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

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

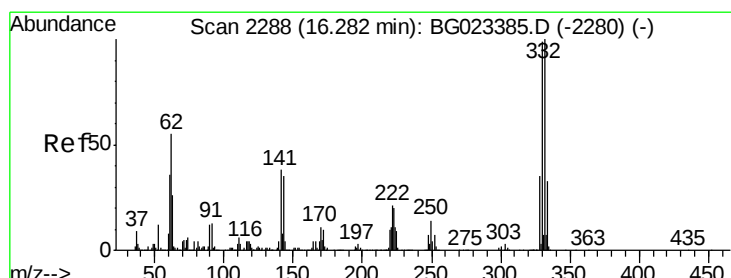
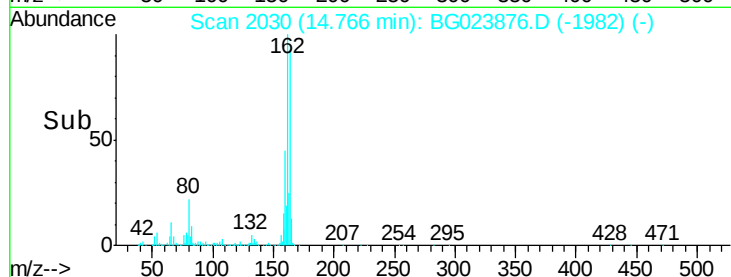
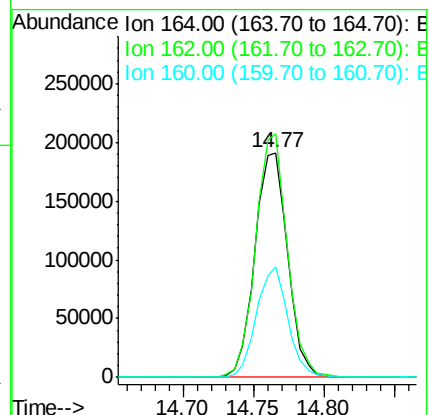
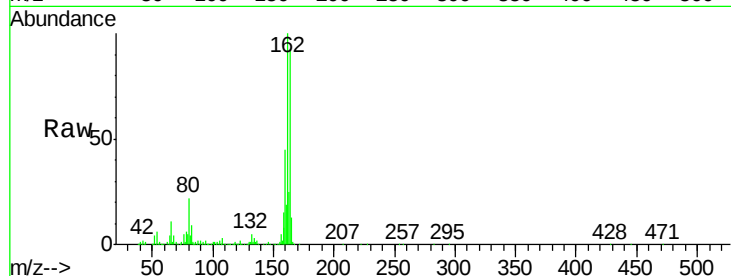
Tgt Ion:164 Resp: 311881

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

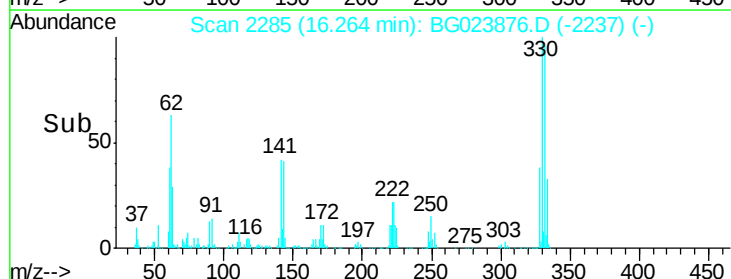
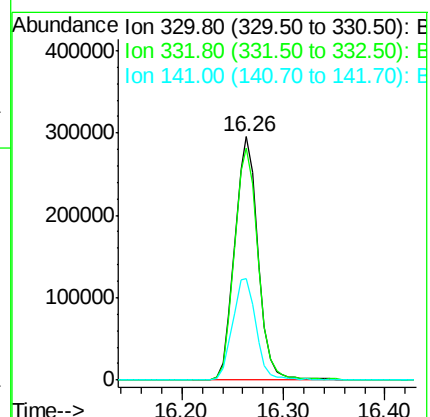
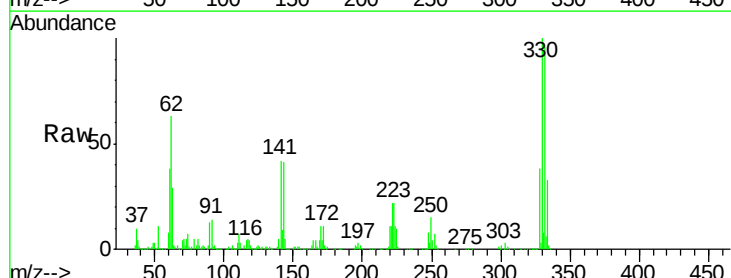
Tgt Ion:330 Resp: 469595

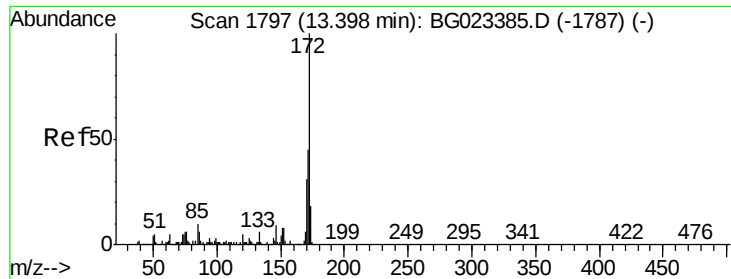
Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 42.7 31.7 47.5

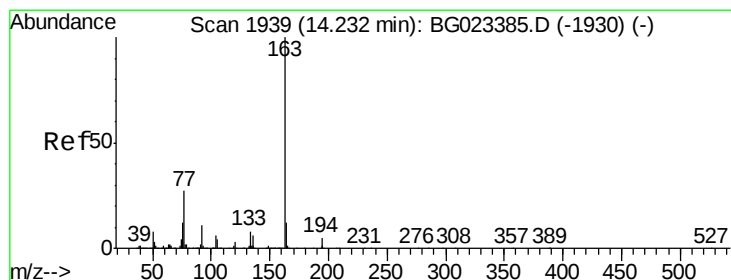
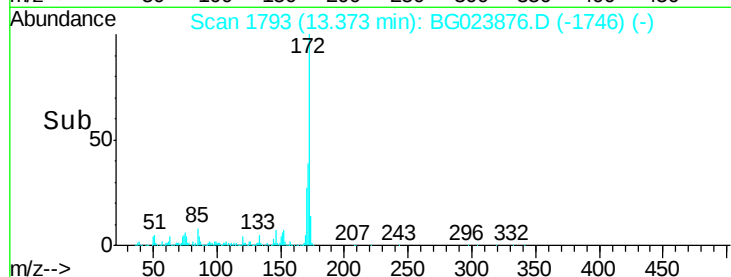
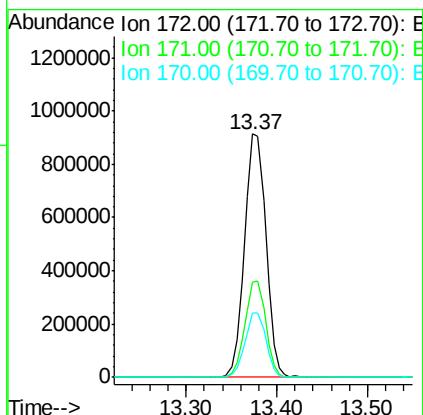
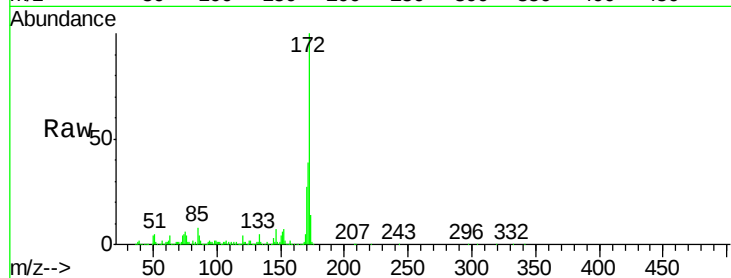




#44
 2-Fluorobiphenyl
 Concen: 81.17 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

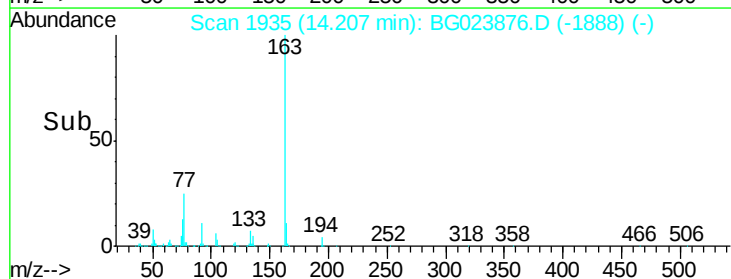
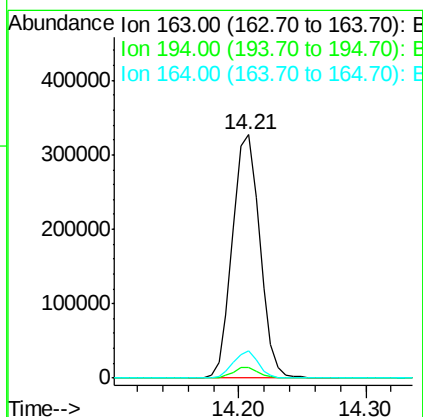
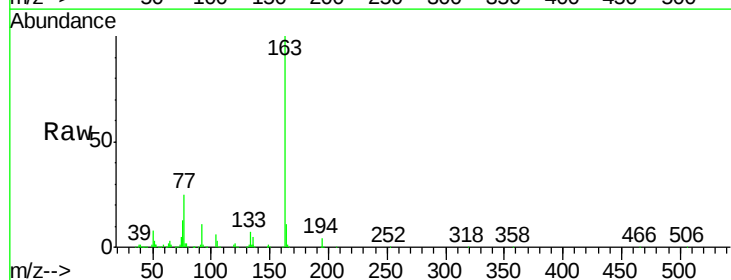
Instrument :
 BNA_G
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 VITALEFILL-MCMPH3-5

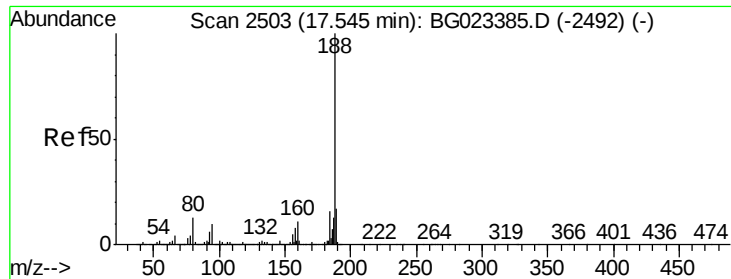
Tgt Ion:172 Resp: 1500973
 Ion Ratio Lower Upper
 172 100
 171 38.9 31.6 47.4
 170 26.5 21.3 31.9



#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

Tgt Ion:163 Resp: 489020
 Ion Ratio Lower Upper
 163 100
 194 4.3 3.6 5.4
 164 11.0 8.1 12.1

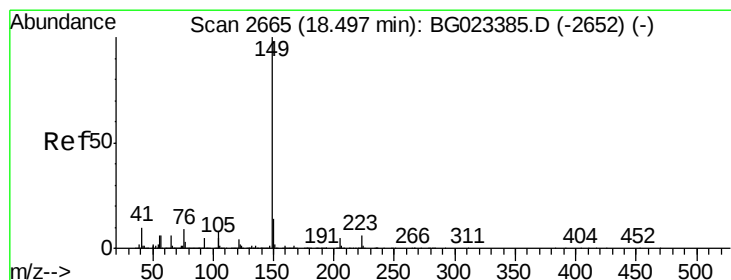
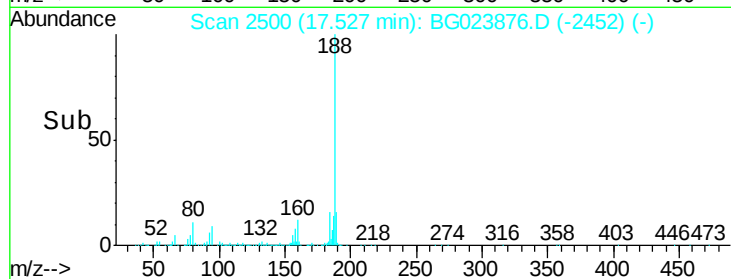
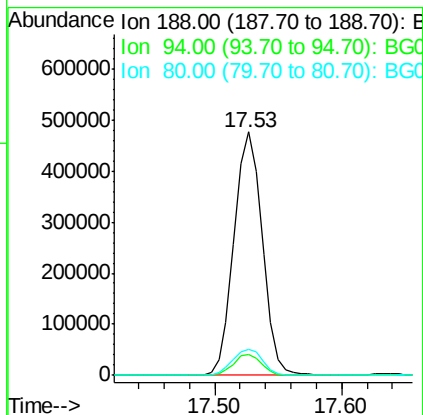
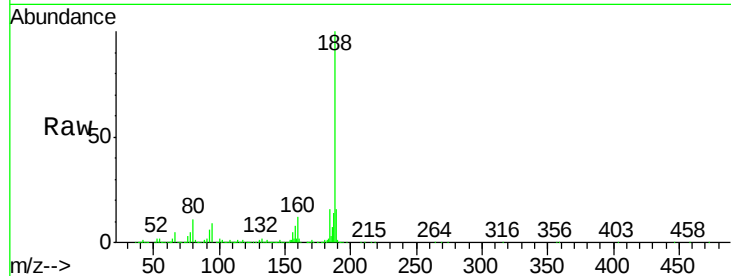




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2500
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

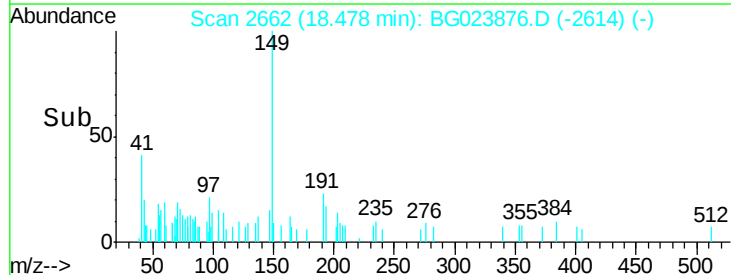
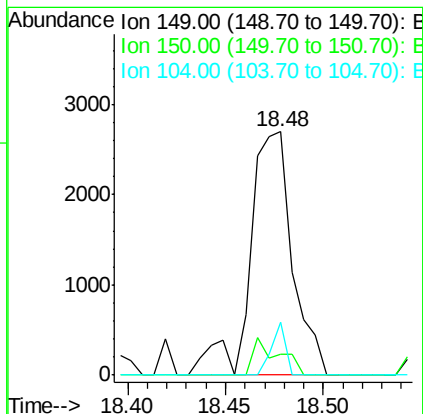
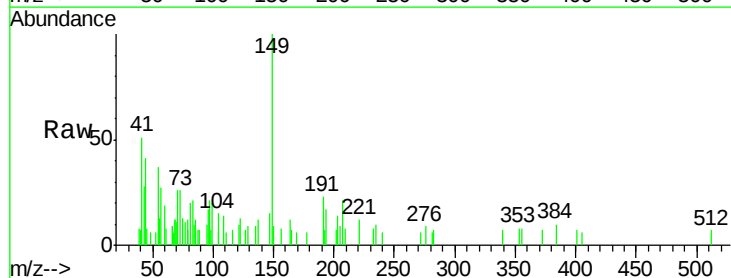
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

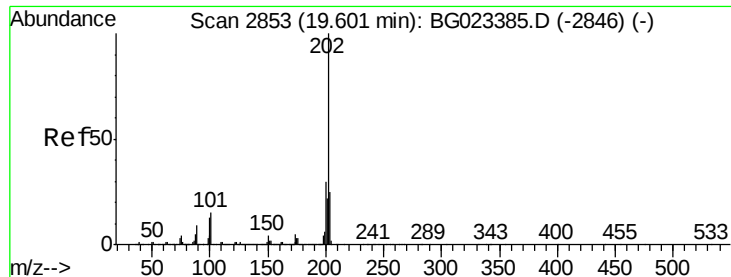
Tgt Ion:188 Resp: 736125
 Ion Ratio Lower Upper
 188 100
 94 8.7 5.2 7.8#
 80 10.9 7.2 10.8#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.48 min Scan# 2662
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

Tgt Ion:149 Resp: 4073
 Ion Ratio Lower Upper
 149 100
 150 8.5 9.1 13.7#
 104 21.5 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.59 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG023876.D

Acq: 24 Aug 2016 5:32

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-5

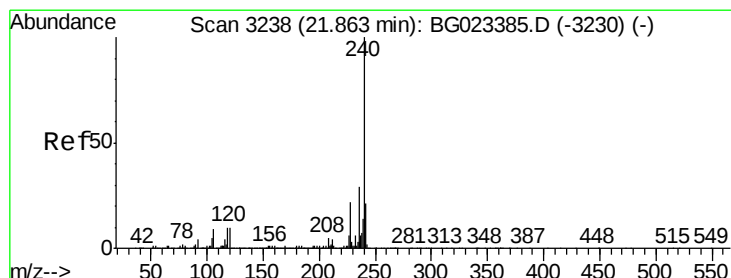
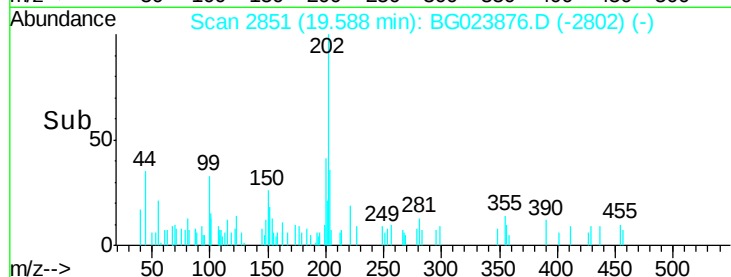
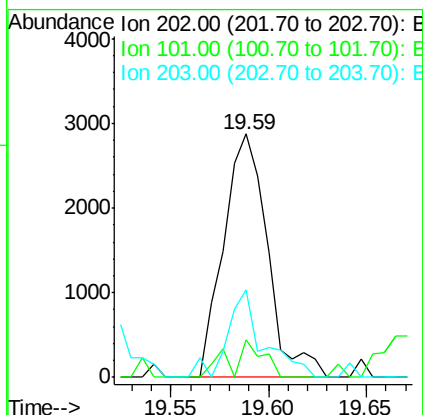
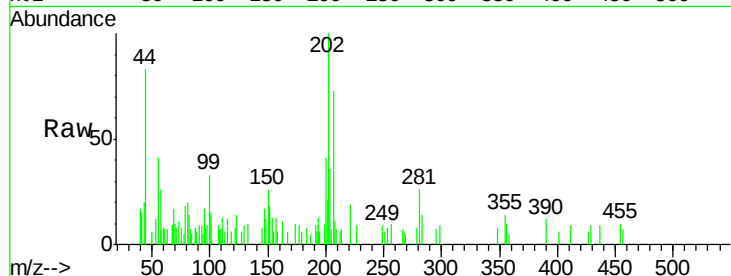
Tgt Ion:202 Resp: 4463

Ion Ratio Lower Upper

202 100

101 15.3 0.0 27.4

203 35.9 1.7 41.7



#75

Chrysene-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

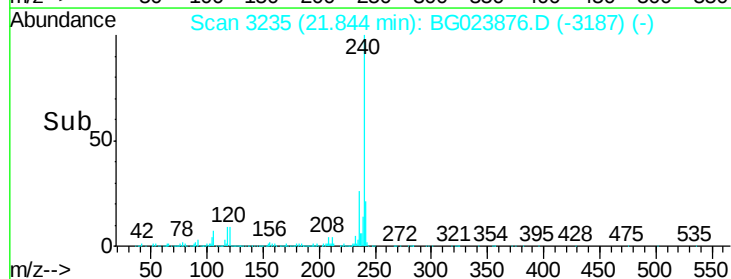
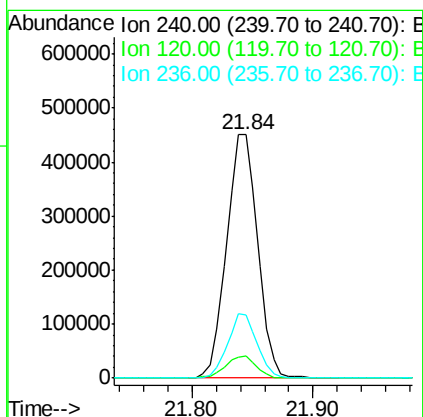
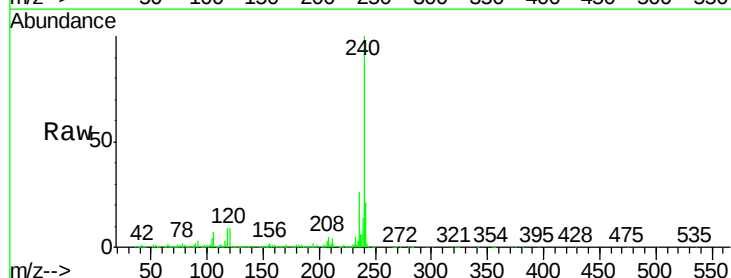
Tgt Ion:240 Resp: 803160

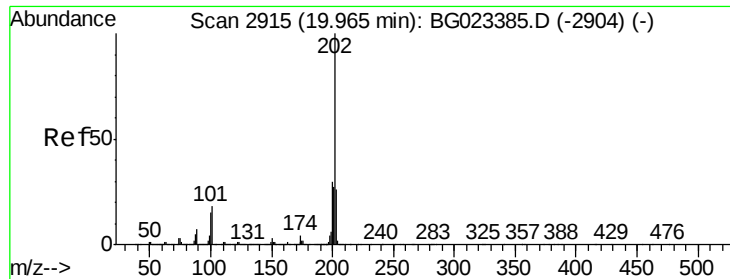
Ion Ratio Lower Upper

240 100

120 9.3 4.1 6.1#

236 25.7 21.1 31.7

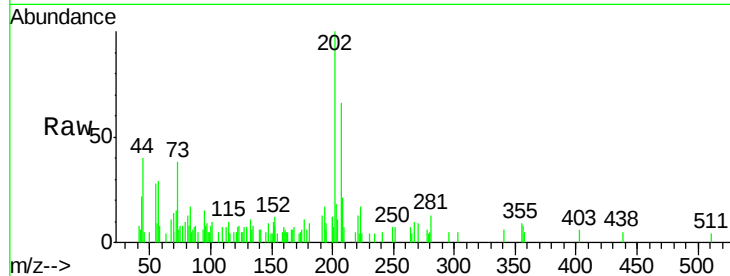




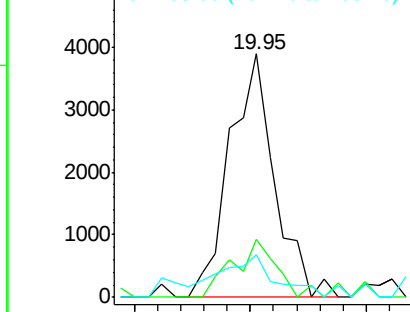
#77
 Pyrene
 Concen: Below Cal
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-5

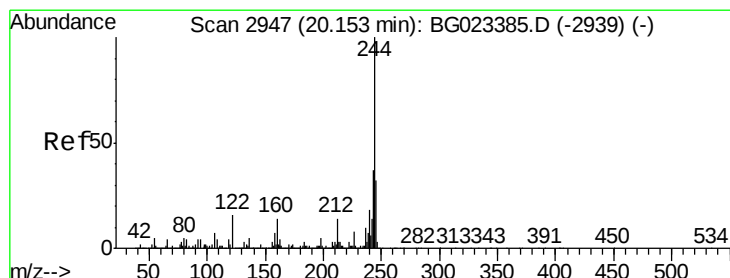
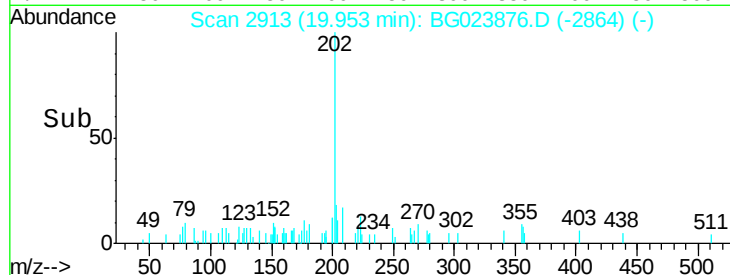
Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.1	21.2	31.8
203	17.7	16.8	25.2



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

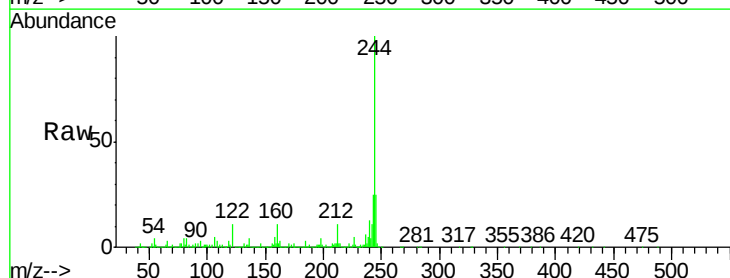


Time-->

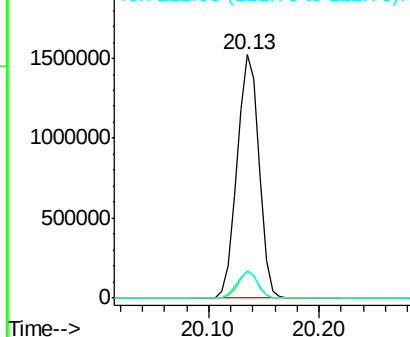


#78
 Terphenyl-d14
 Concen: 81.87 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG023876.D
 Acq: 24 Aug 2016 5:32

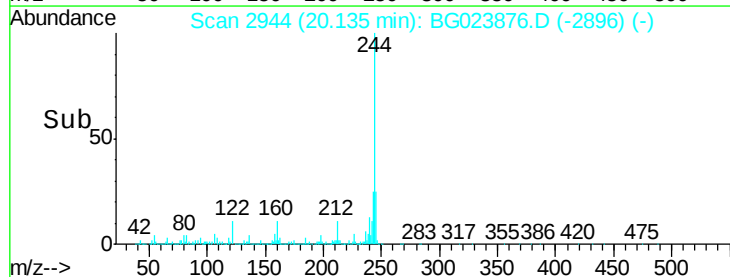
Tgt Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.8	16.2
122	11.1	8.0	12.0

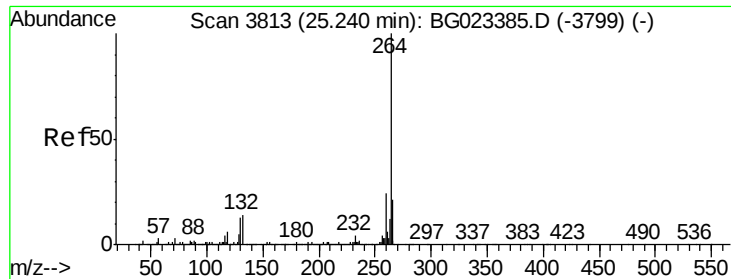


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.4	27.6
265	23.0	18.9	28.3

