

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023853.D
 Acq On : 23 Aug 2016 15:01
 Operator : UM/SJ
 Sample : H4528-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-2

Quant Time: Aug 24 01:18:45 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

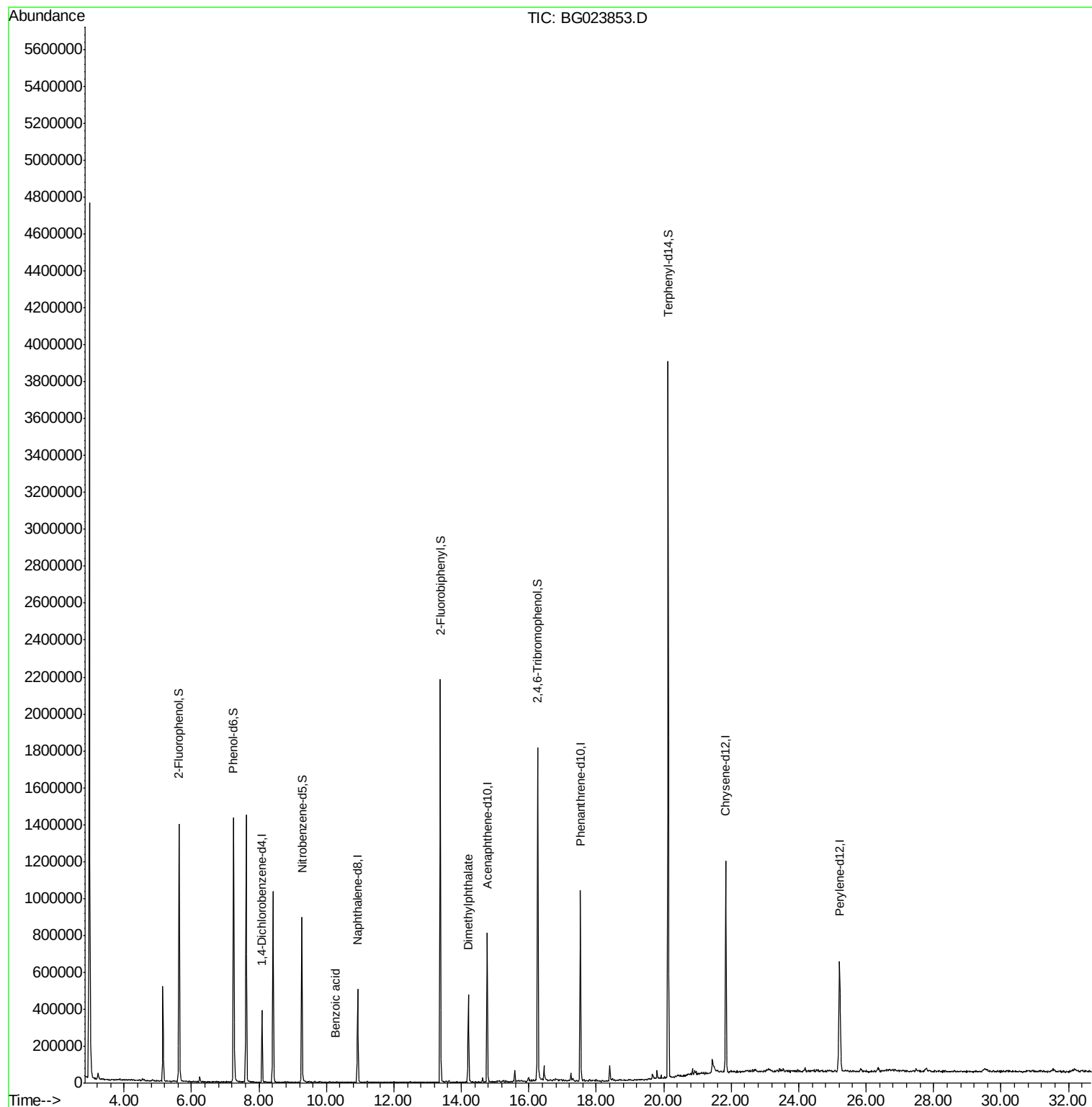
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	103035	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	431045	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	267627	20.00	ng	-0.02
63) Phenanthrene-d10	17.53	188	650702	20.00	ng	-0.01
75) Chrysene-d12	21.84	240	704827	20.00	ng	-0.02
86) Perylene-d12	25.21	264	695121	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	608993	99.49	ng	-0.03
7) Phenol-d6	7.24	99	865850	90.82	ng	-0.03
23) Nitrobenzene-d5	9.27	82	584601	67.43	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	339693	86.78	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1096490	69.10	ng	-0.02
78) Terphenyl-d14	20.13	244	1613897	67.78	ng	-0.02
Target Compounds						
9) Benzaldehyde	7.21	77	294	Below Cal	#	8
32) Benzoic acid	10.26	122	86	6.45 ng	#	1
49) Dimethylphthalate	14.20	163	311555	15.17 ng		98
73) Di-n-butylphthalate	18.48	149	5213	Below Cal	#	92
74) Fluoranthene	19.60	202	1412	Below Cal	#	78
77) Pyrene	19.95	202	1627	Below Cal	#	76

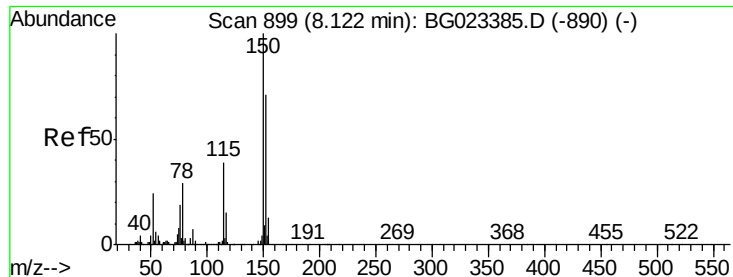
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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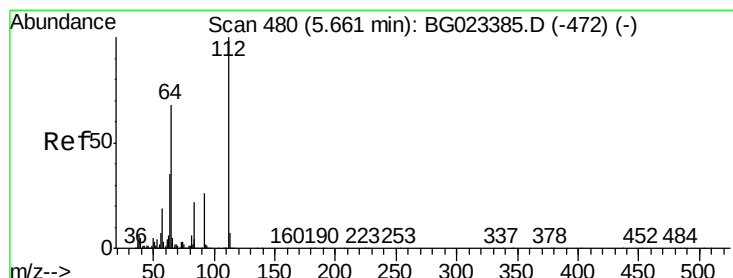
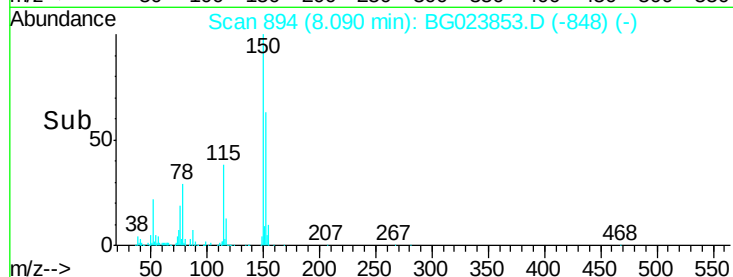
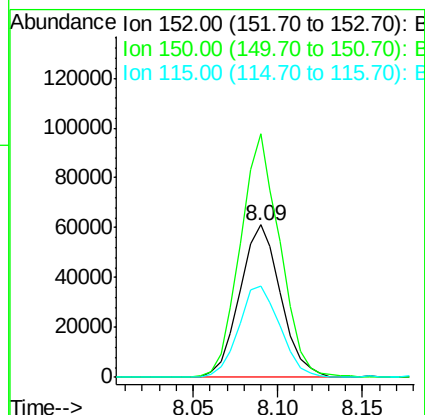
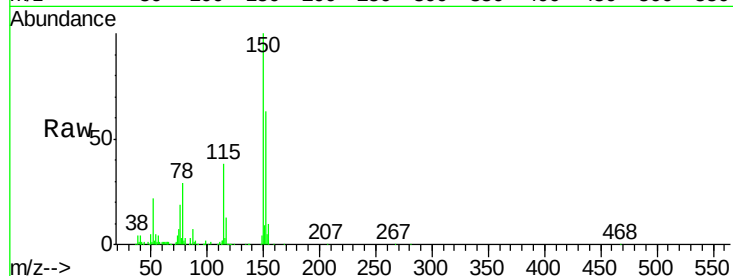


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023853.D
Acq: 23 Aug 2016 15:01

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-2

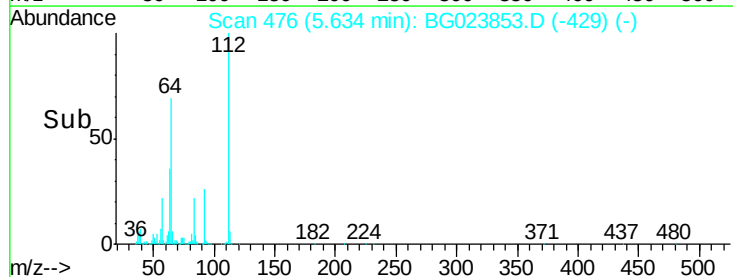
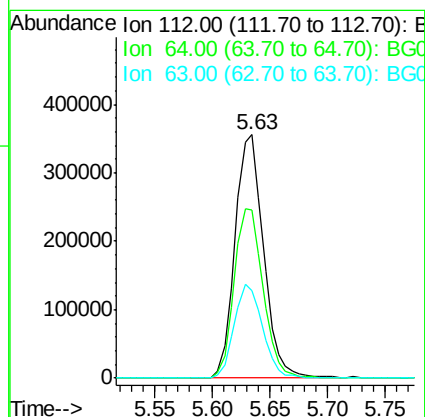
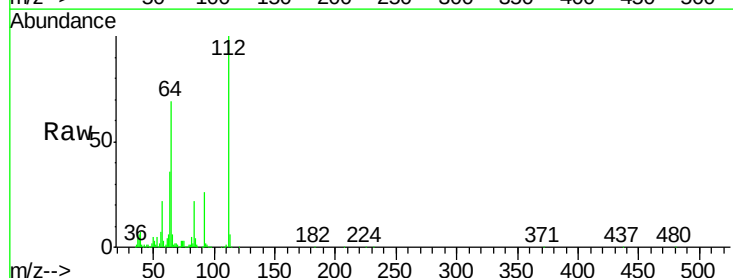
Tgt Ion:152 Resp: 103035
Ion Ratio Lower Upper
152 100
150 159.8 144.7 217.1
115 60.2 64.0 96.0#

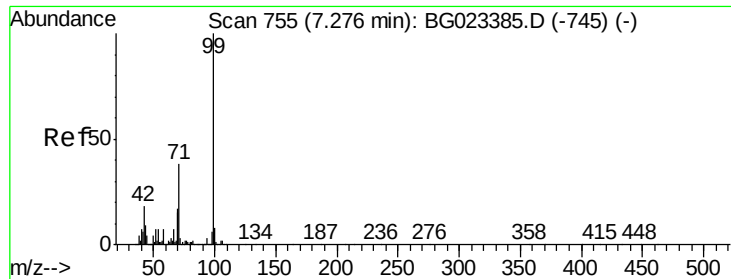


#5

2-Fluorophenol
Concen: 99.49 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023853.D
Acq: 23 Aug 2016 15:01

Tgt Ion:112 Resp: 608993
Ion Ratio Lower Upper
112 100
64 69.3 59.0 88.4
63 35.8 37.8 56.8#





#7

Phenol-d6

Concen: 90.82 ng

RT: 7.24 min Scan# 750

Delta R.T. -0.03 min

Lab File: BG023853.D

Acq: 23 Aug 2016 15:01

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-2

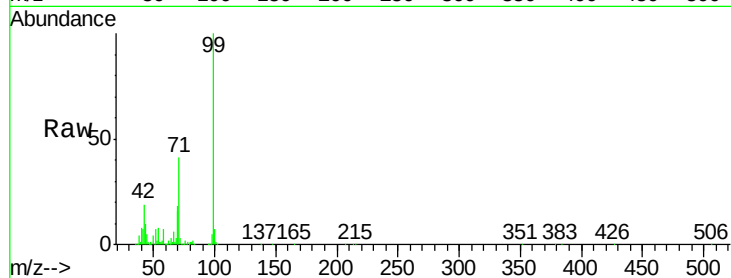
Tgt Ion: 99 Resp: 865850

Ion Ratio Lower Upper

99 100

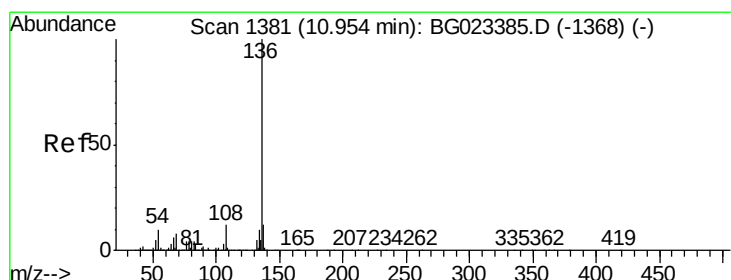
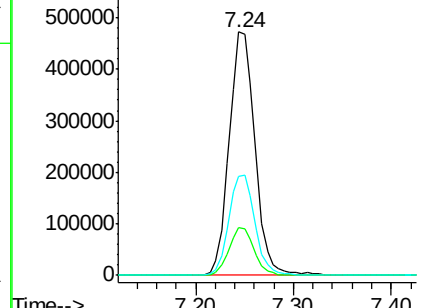
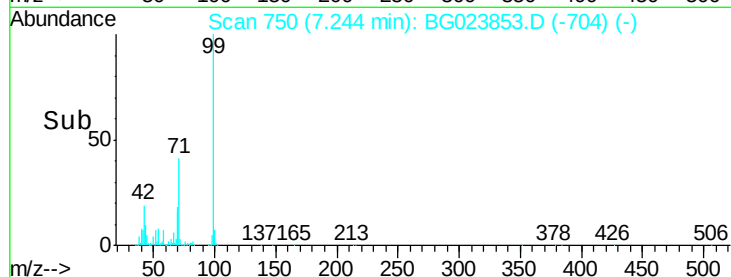
42 19.4 17.8 26.6

71 40.8 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

7.24



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023853.D

Acq: 23 Aug 2016 15:01

Tgt Ion: 136 Resp: 431045

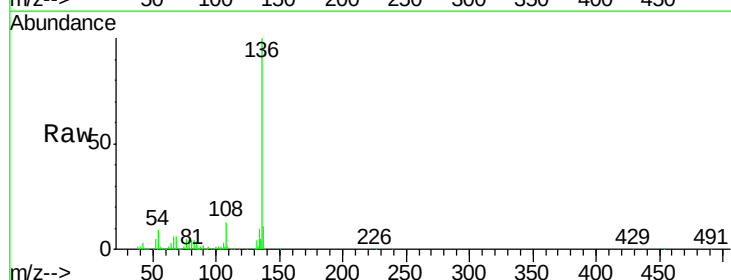
Ion Ratio Lower Upper

136 100

137 10.7 9.6 14.4

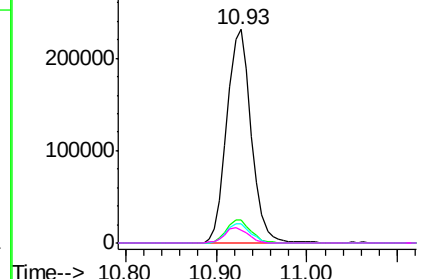
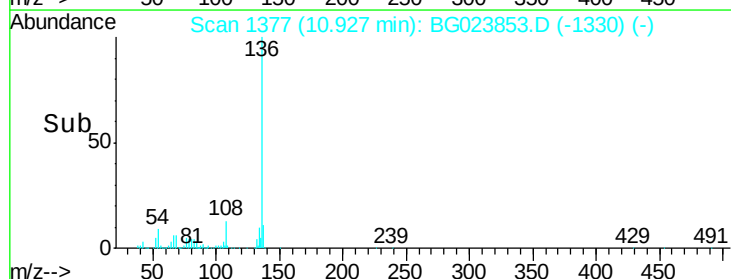
54 9.0 7.3 10.9

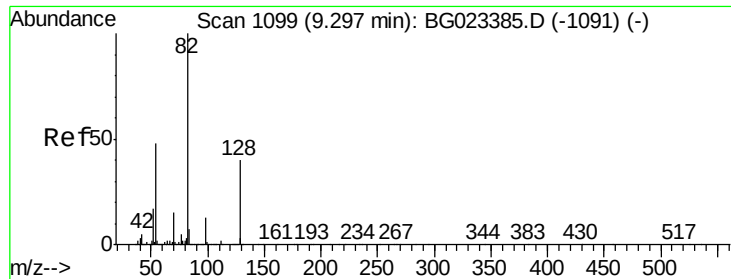
68 6.2 5.3 7.9



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

10.93

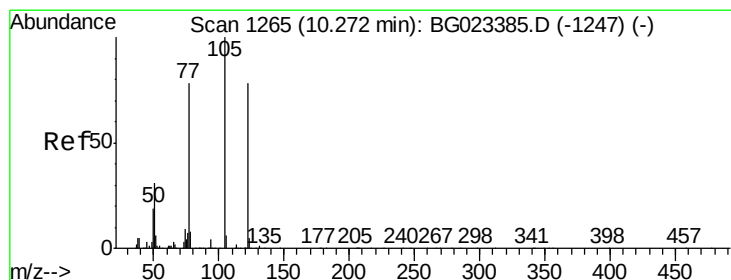
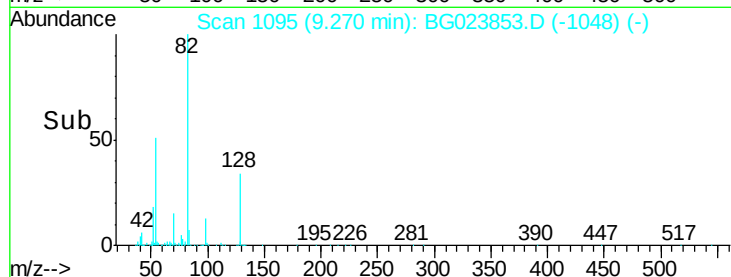
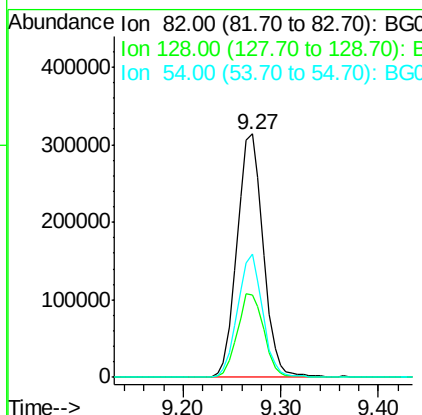
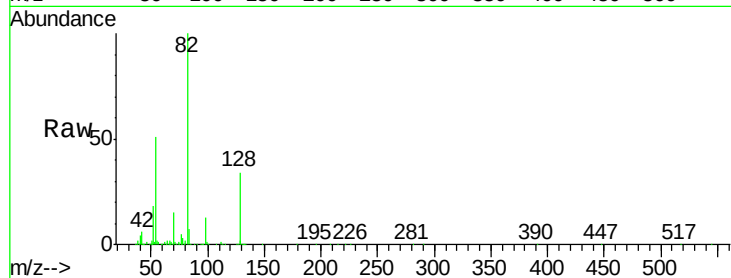




#23
 Nitrobenzene-d5
 Concen: 67.43 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023853.D
 Acq: 23 Aug 2016 15:01

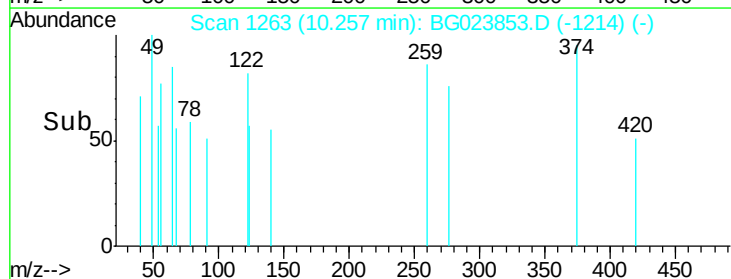
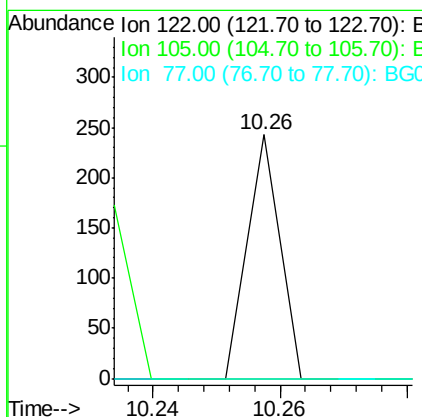
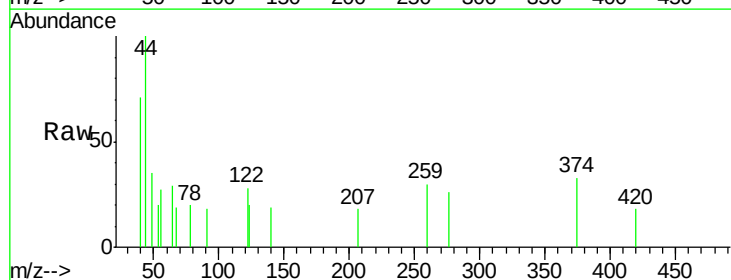
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-2

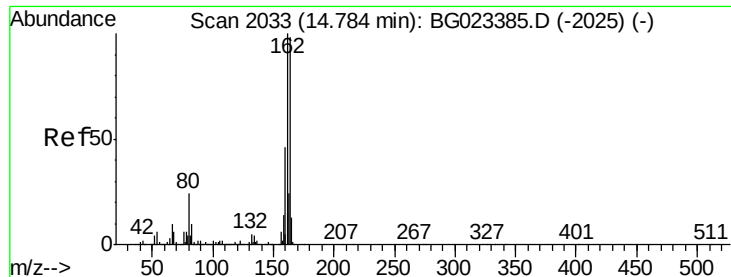
Tgt Ion	Ratio	Lower	Upper
82	100		
128	34.1	24.4	36.6
54	50.8	41.4	62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.26 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BG023853.D
 Acq: 23 Aug 2016 15:01

Tgt 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: 14.76 min Scan# 2030

Delta R.T. -0.02 min

Lab File: BG023853.D

Acq: 23 Aug 2016 15:01

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-2

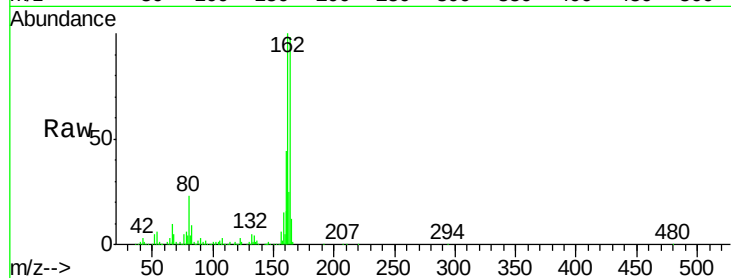
Tgt Ion:164 Resp: 267627

Ion Ratio Lower Upper

164 100

162 102.2 87.7 131.5

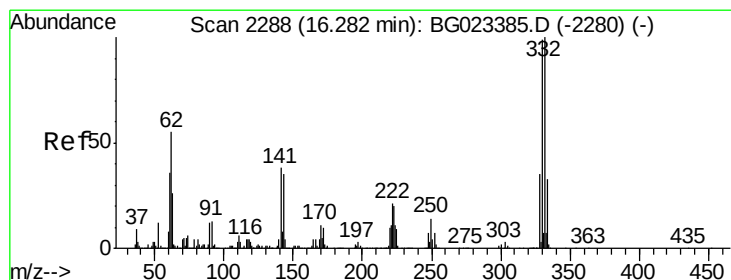
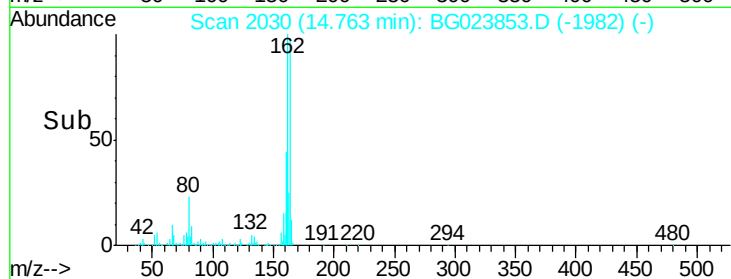
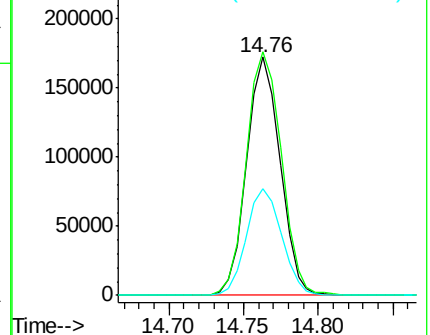
160 44.8 37.2 55.8



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 86.78 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023853.D

Acq: 23 Aug 2016 15:01

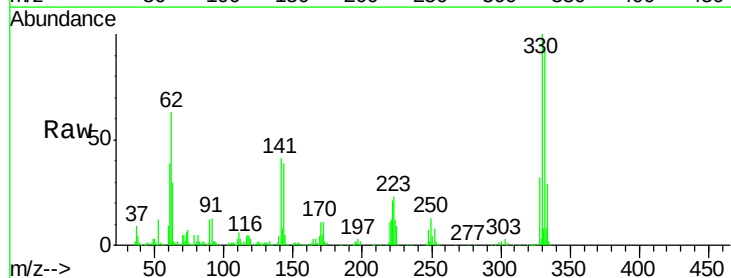
Tgt Ion:330 Resp: 339693

Ion Ratio Lower Upper

330 100

332 95.6 77.4 116.2

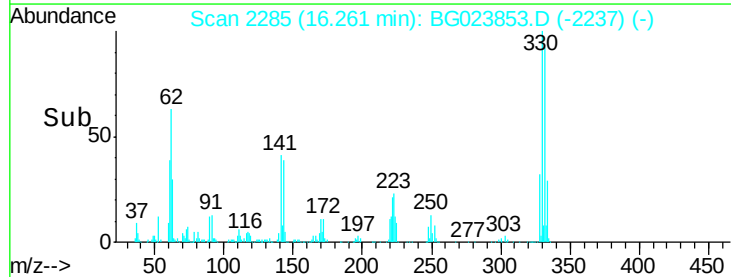
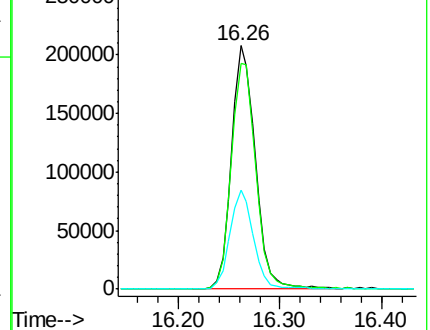
141 40.5 31.7 47.5

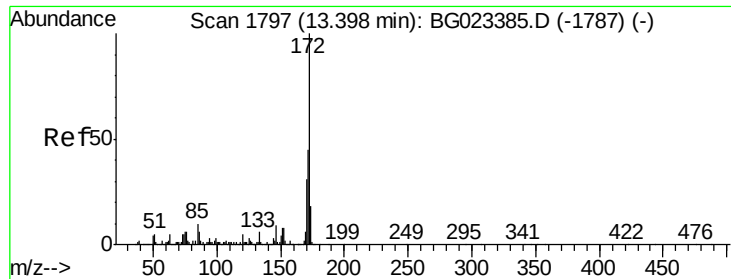


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

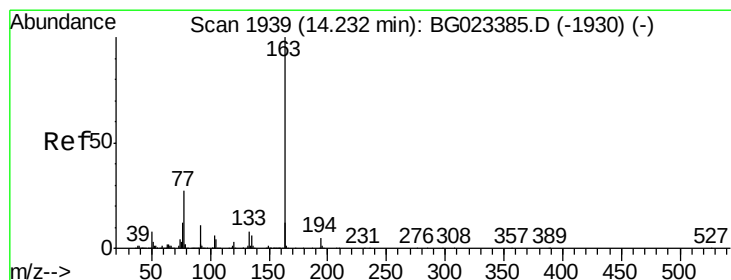
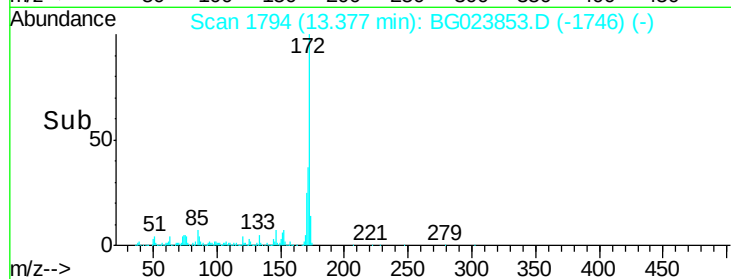
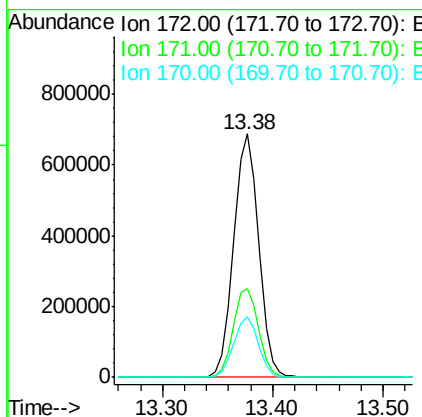
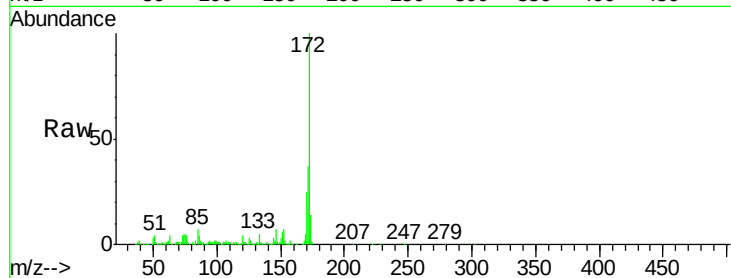




#44
2-Fluorobiphenyl
Concen: 69.10 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023853.D
Acq: 23 Aug 2016 15:01

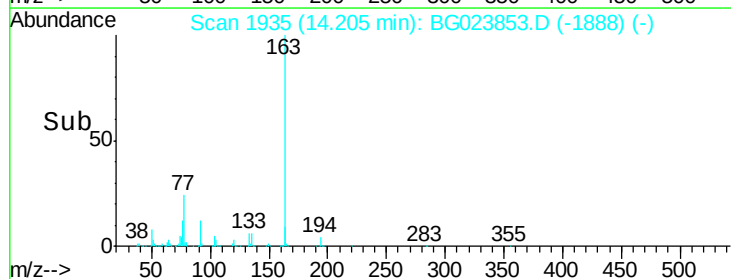
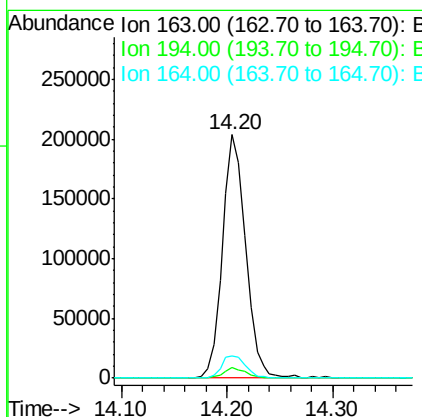
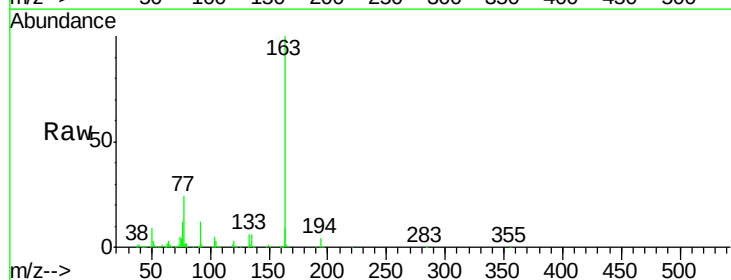
Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-2

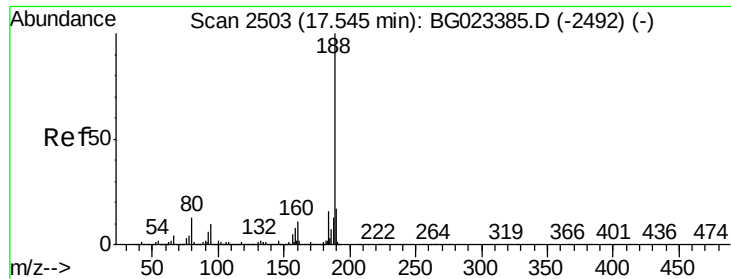
Tgt Ion:172 Resp: 1096490
Ion Ratio Lower Upper
172 100
171 36.5 31.6 47.4
170 24.7 21.3 31.9



#49
Dimethylphthalate
Concen: 15.17 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023853.D
Acq: 23 Aug 2016 15:01

Tgt Ion:163 Resp: 311555
Ion Ratio Lower Upper
163 100
194 4.3 3.6 5.4
164 9.0 8.1 12.1

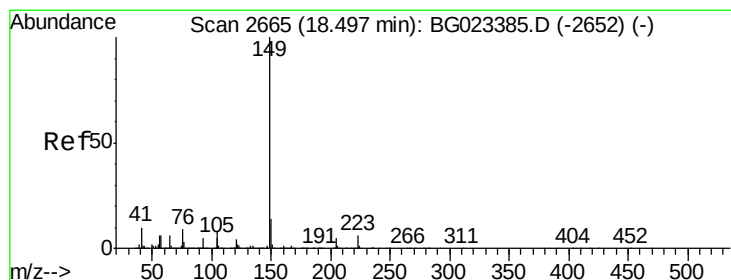
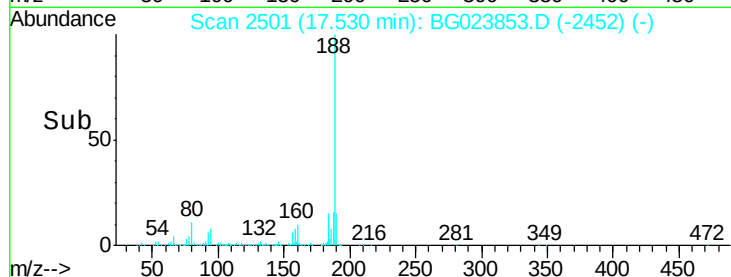
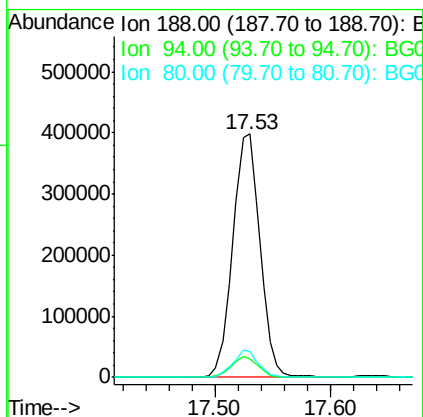
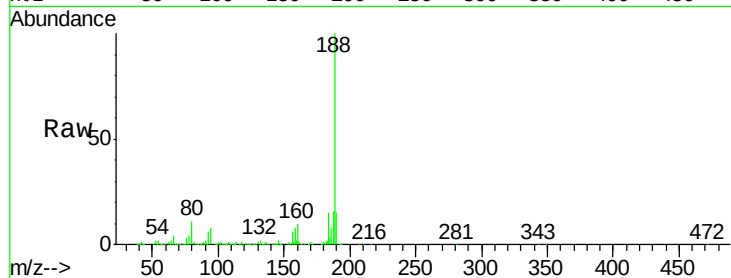




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.53 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG023853.D
 Acq: 23 Aug 2016 15:01

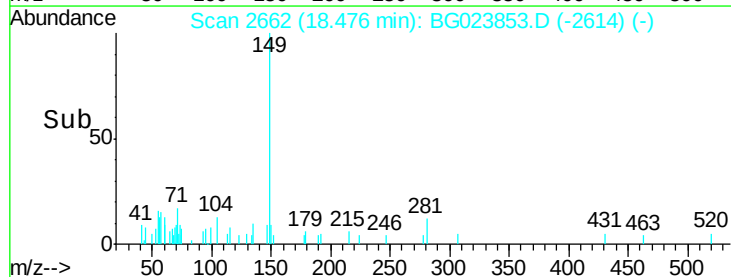
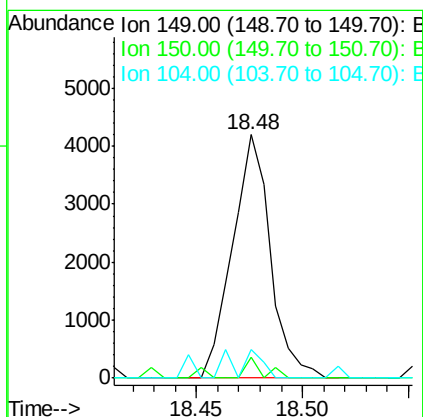
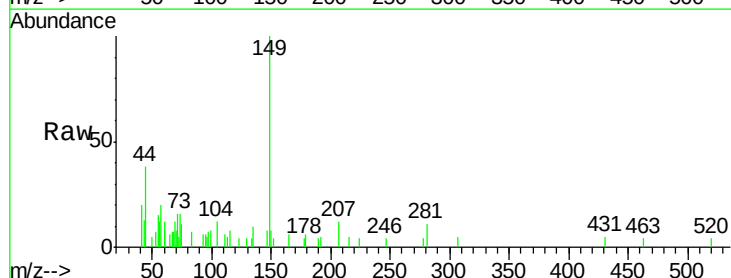
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-2

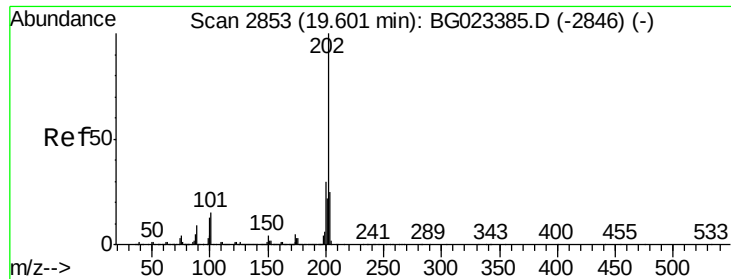
Tgt Ion:188 Resp: 650702
 Ion Ratio Lower Upper
 188 100
 94 7.6 5.2 7.8
 80 10.8 7.2 10.8#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 18.48 min Scan# 2662
 Delta R.T. -0.02 min
 Lab File: BG023853.D
 Acq: 23 Aug 2016 15:01

Tgt Ion:149 Resp: 5213
 Ion Ratio Lower Upper
 149 100
 150 8.5 9.1 13.7#
 104 12.0 6.9 10.3#





#74

Fluoranthene

Concen: Below Cal

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG023853.D

Acq: 23 Aug 2016 15:01

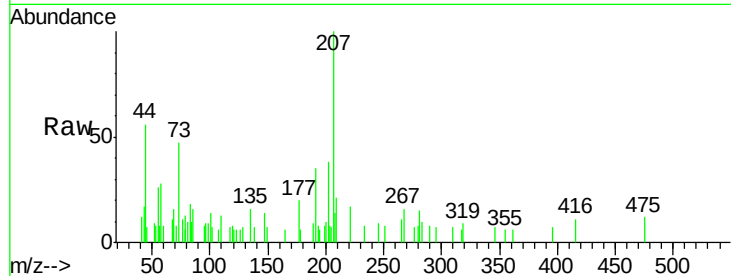
Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-2

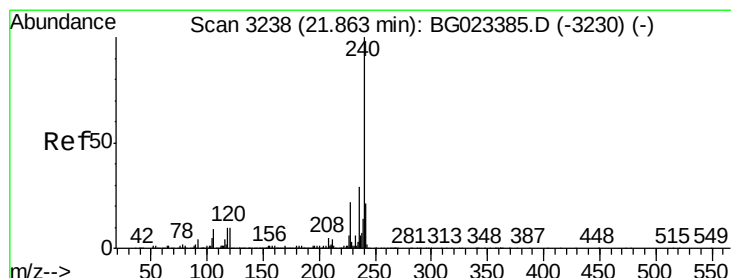
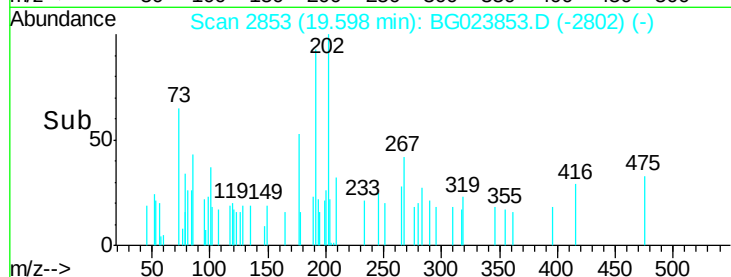
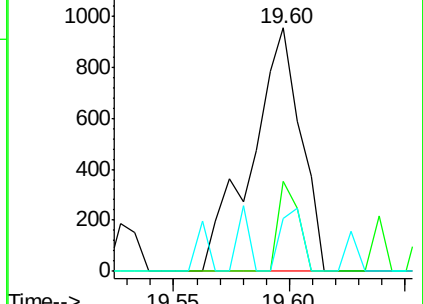
Tgt Ion:	202	Resp:	1412
Ion	Ratio	Lower	Upper
202	100		
101	37.1	0.0	27.4#
203	21.9	1.7	41.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

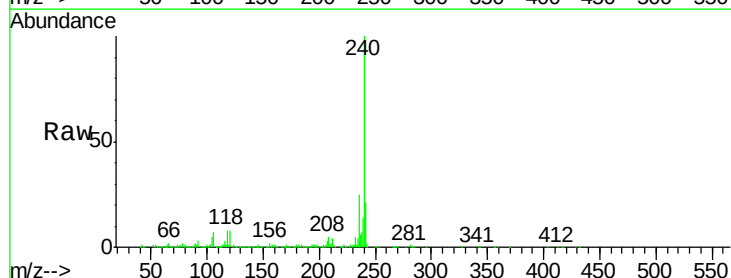
RT: 21.84 min Scan# 3235

Delta R.T. -0.02 min

Lab File: BG023853.D

Acq: 23 Aug 2016 15:01

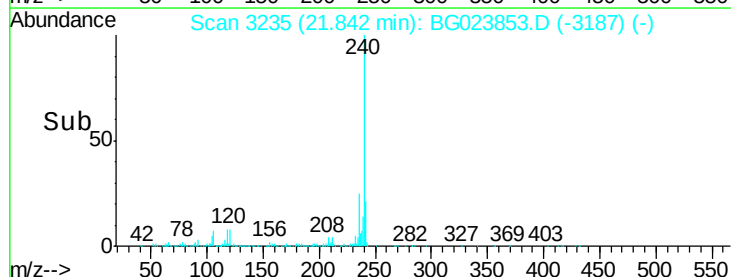
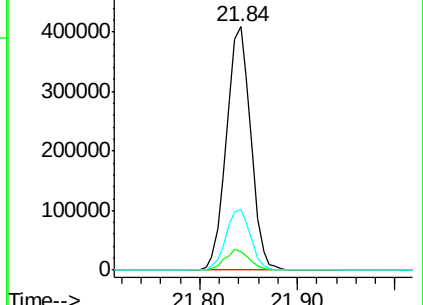
Tgt Ion:	240	Resp:	704827
Ion	Ratio	Lower	Upper
240	100		
120	7.7	4.1	6.1#
236	25.0	21.1	31.7

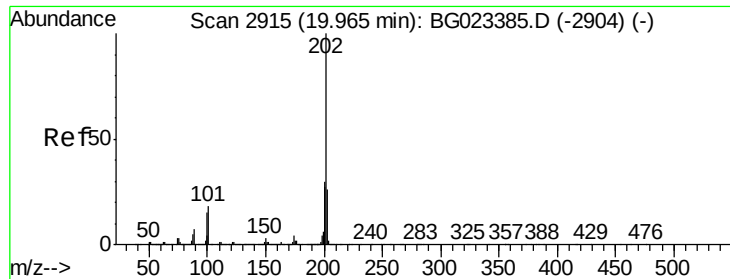


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

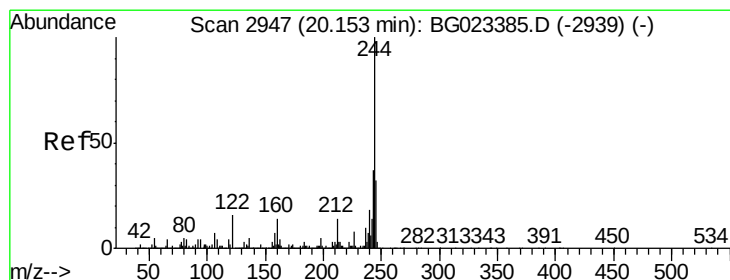
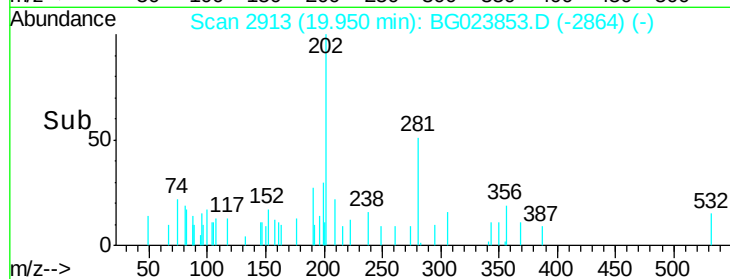
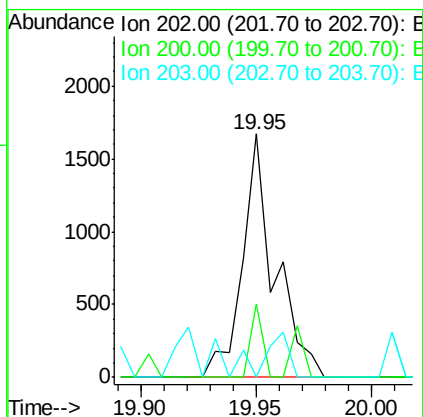
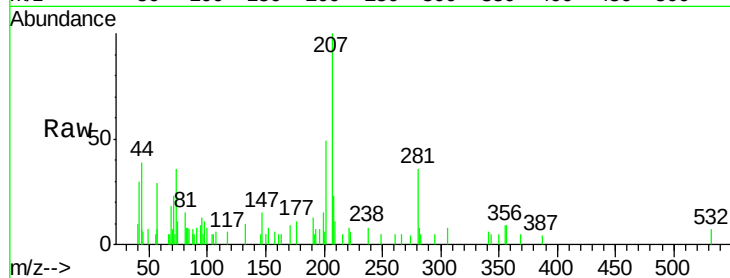




#77
 Pyrene
 Concen: Below Cal
 RT: 19.95 min Scan# 2913
 Delta R.T. -0.01 min
 Lab File: BG023853.D
 Acq: 23 Aug 2016 15:01

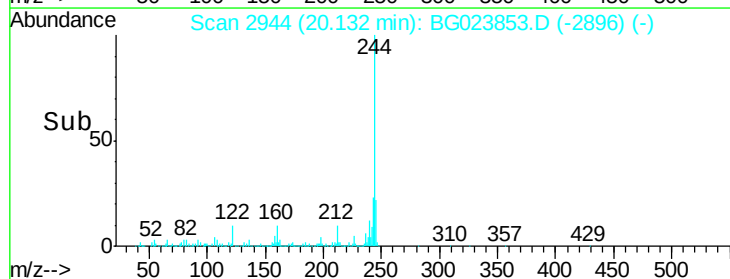
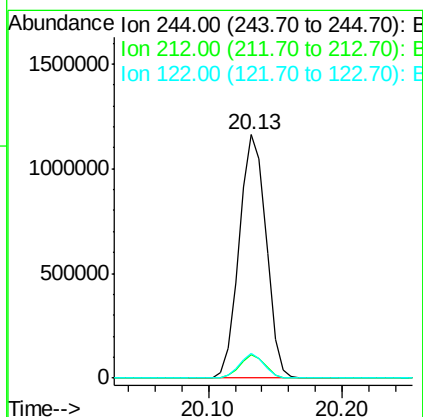
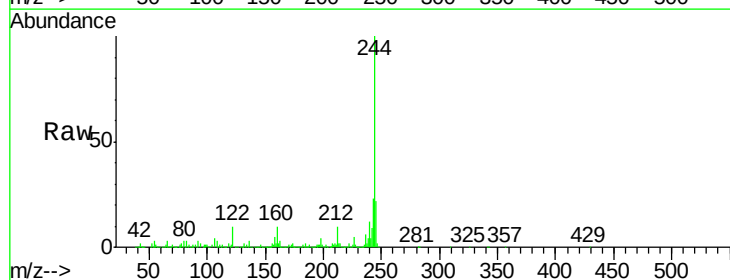
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-2

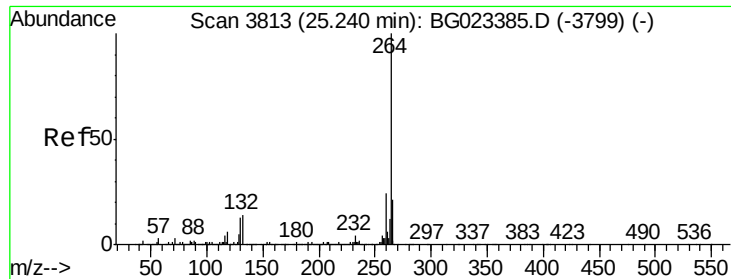
Tgt Ion: 202 Resp: 1627
 Ion Ratio Lower Upper
 202 100
 200 30.1 21.2 31.8
 203 0.0 16.8 25.2#



#78
 Terphenyl-d14
 Concen: 67.78 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.02 min
 Lab File: BG023853.D
 Acq: 23 Aug 2016 15:01

Tgt Ion: 244 Resp: 1613897
 Ion Ratio Lower Upper
 244 100
 212 9.9 10.8 16.2#
 122 10.3 8.0 12.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.21 min Scan# 3809
Delta R.T. -0.03 min
Lab File: BG023853.D
Acq: 23 Aug 2016 15:01

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-2

Tgt Ion:	264	Resp:	695121
Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	19.7	18.9	28.3

