

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023852.D
 Acq On : 23 Aug 2016 14:23
 Operator : UM/SJ
 Sample : H4528-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-1

Quant Time: Aug 24 01:18:31 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

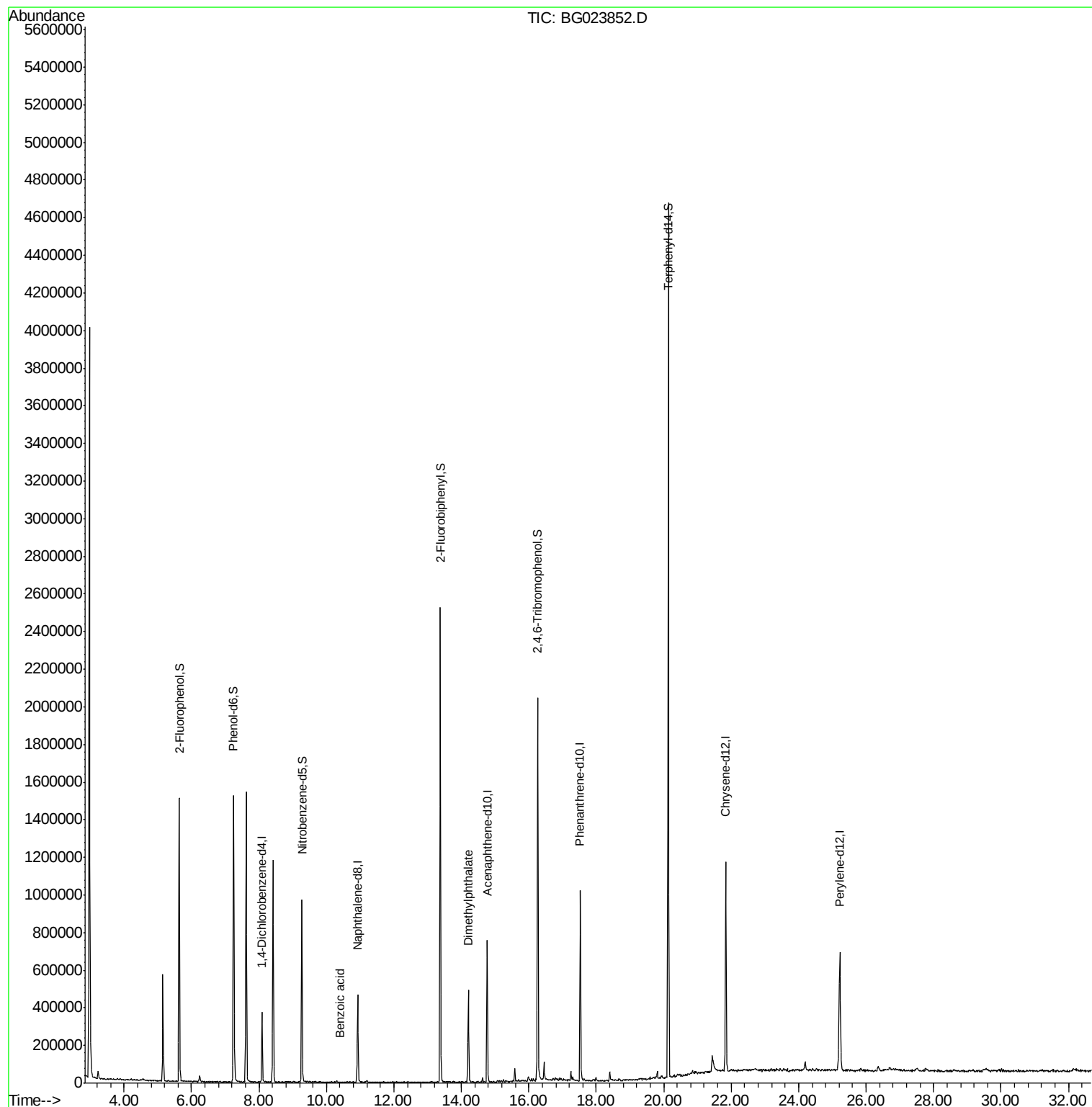
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	96806	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	400895	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	257284	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	627953	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	714942	20.00	ng	-0.02
86) Perylene-d12	25.22	264	692229	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	658273	114.46	ng	-0.03
7) Phenol-d6	7.25	99	939191	104.85	ng	-0.03
23) Nitrobenzene-d5	9.27	82	637250	79.03	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	379627	100.88	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1244427	81.58	ng	-0.02
78) Terphenyl-d14	20.14	244	1900042	82.63	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.24	77	2533	Below Cal	#	8
32) Benzoic acid	10.39	122	70	6.45 ng	#	1
49) Dimethylphthalate	14.20	163	320203	16.22 ng		99
73) Di-n-butylphthalate	18.48	149	3987	Below Cal	#	91
74) Fluoranthene	19.59	202	5525	Below Cal		95
77) Pyrene	19.95	202	4854	Below Cal		96

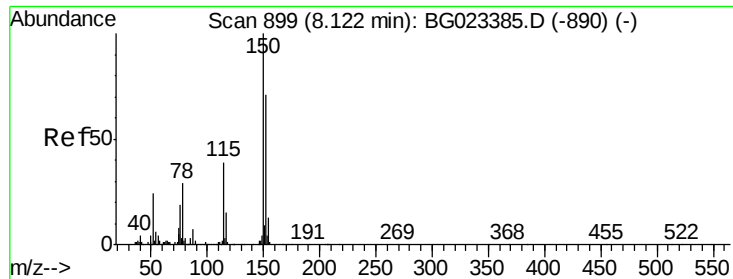
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
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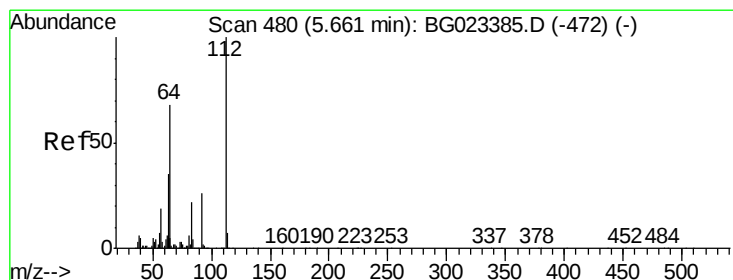
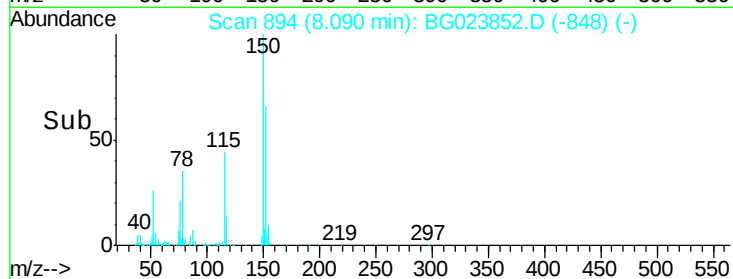
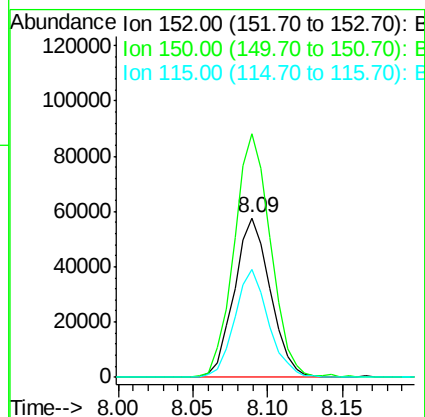
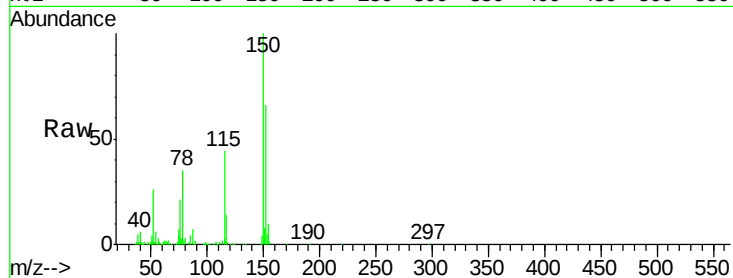


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-1

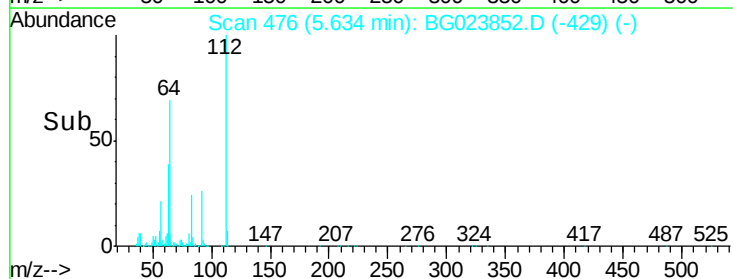
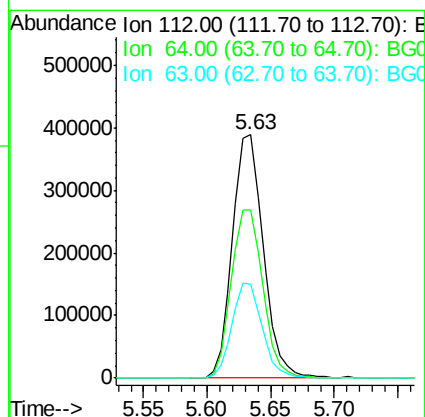
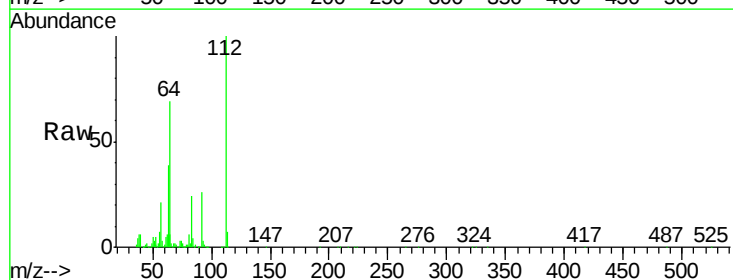
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	144.7	217.1
115	67.5	64.0	96.0

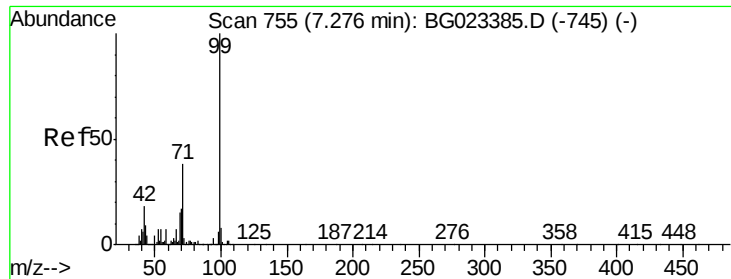


#5

2-Fluorophenol
Concen: 114.46 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	59.0	88.4
63	38.7	37.8	56.8





#7

Phenol-d6

Concen: 104.85 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-1

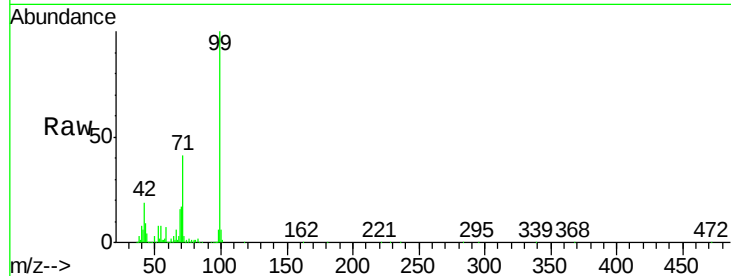
Tgt Ion: 99 Resp: 939191

Ion Ratio Lower Upper

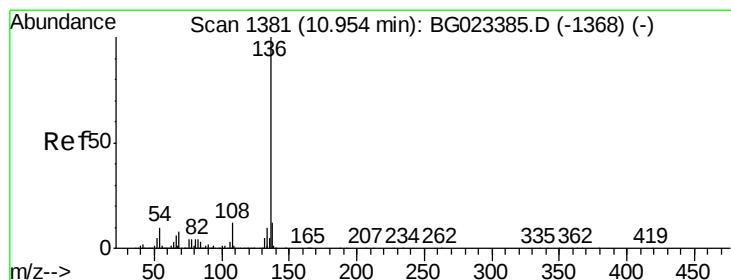
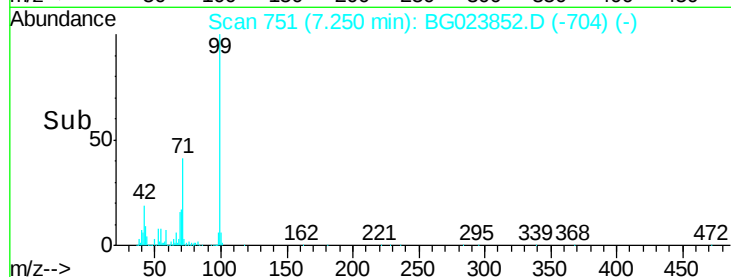
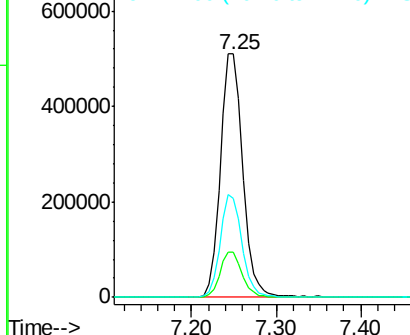
99 100

42 18.5 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.92 min Scan# 1376

Delta R.T. -0.03 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

Tgt Ion: 136 Resp: 400895

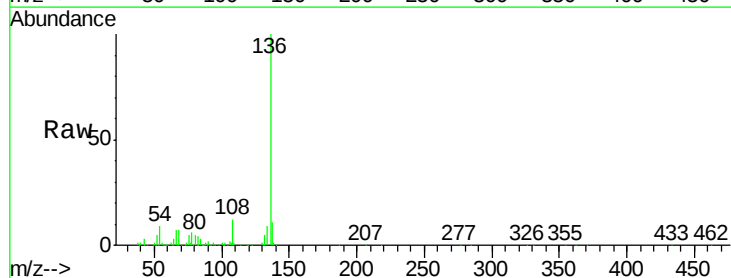
Ion Ratio Lower Upper

136 100

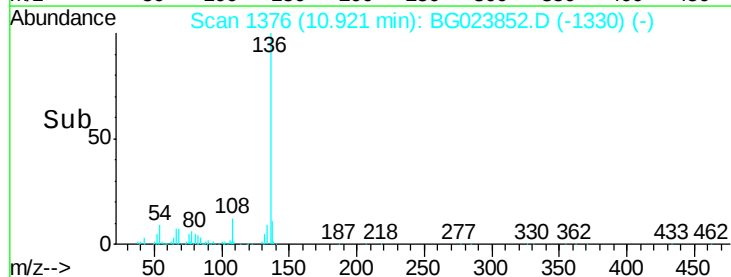
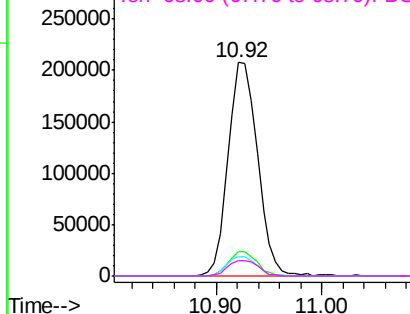
137 11.5 9.6 14.4

54 9.0 7.3 10.9

68 7.5 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

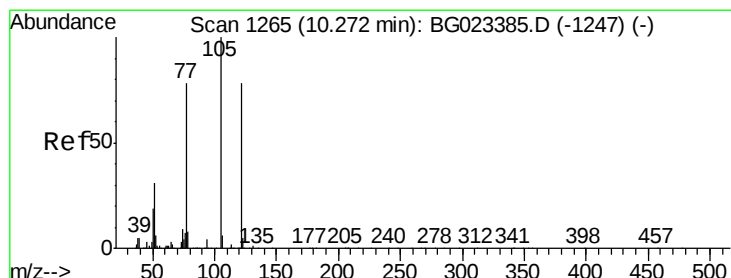
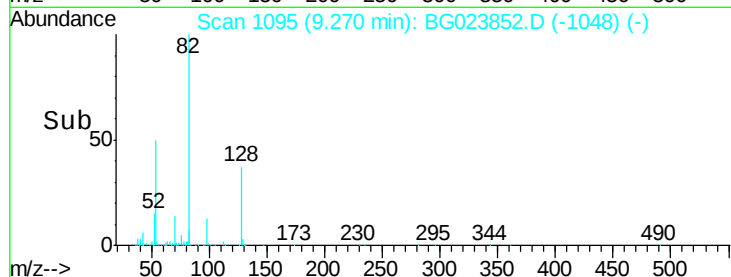
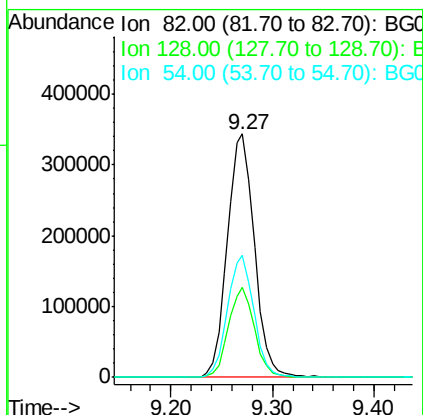
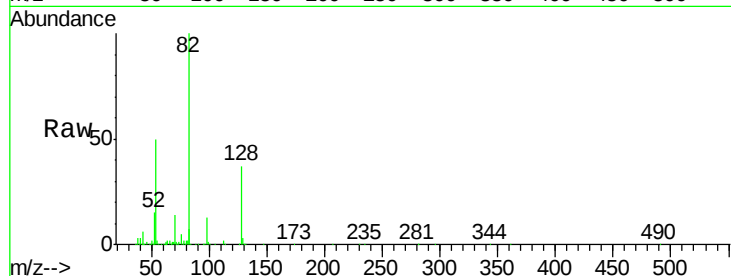




#23
 Nitrobenzene-d5
 Concen: 79.03 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023852.D
 Acq: 23 Aug 2016 14:23

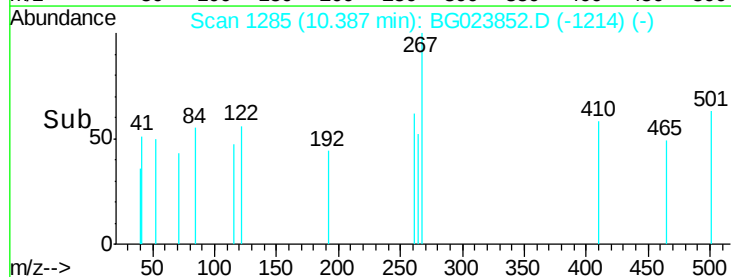
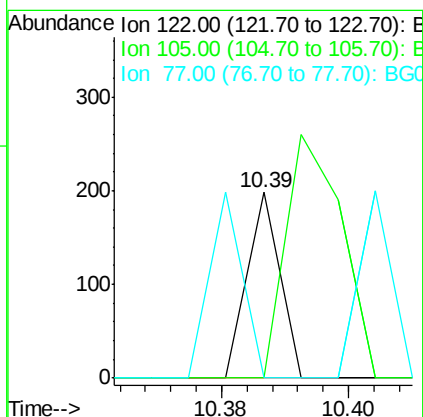
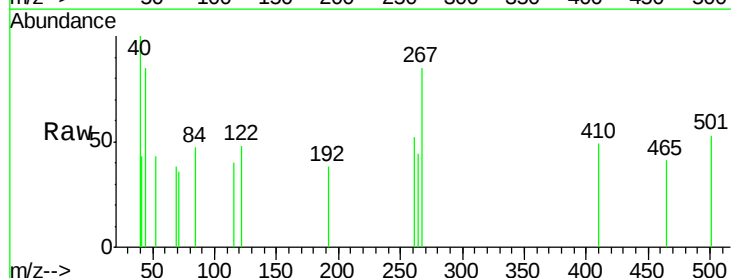
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-1

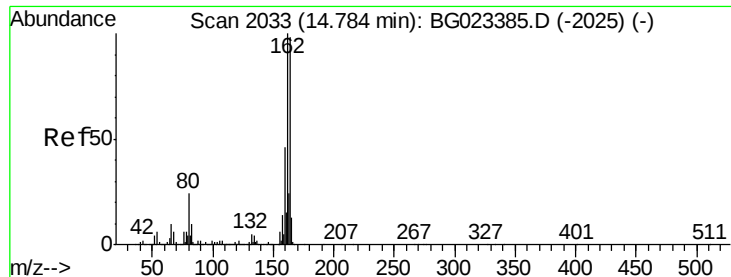
Tgt Ion: 82 Resp: 637250
 Ion Ratio Lower Upper
 82 100
 128 37.1 24.4 36.6#
 54 50.2 41.4 62.0



#32
 Benzoic acid
 Concen: 6.45 ng
 RT: 10.39 min Scan# 1285
 Delta R.T. 0.11 min
 Lab File: BG023852.D
 Acq: 23 Aug 2016 14:23

Tgt Ion: 122 Resp: 70
 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: BG023852.D

Acq: 23 Aug 2016 14:23

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-1

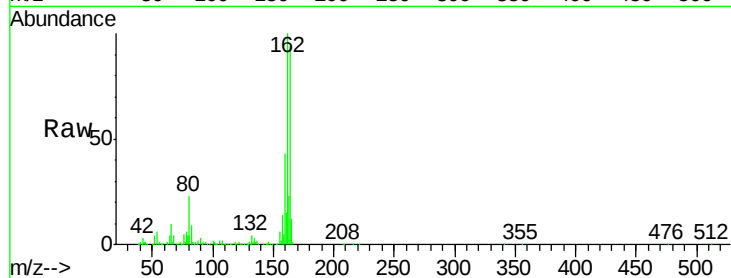
Tgt Ion:164 Resp: 257284

Ion Ratio Lower Upper

164 100

162 106.4 87.7 131.5

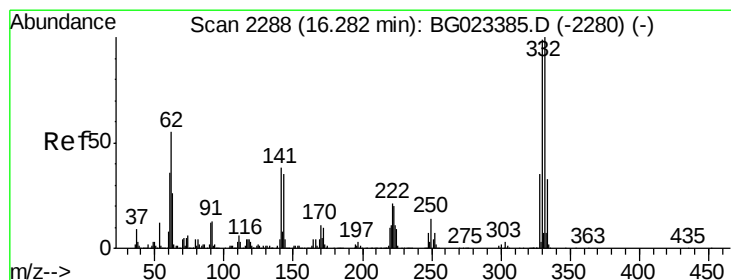
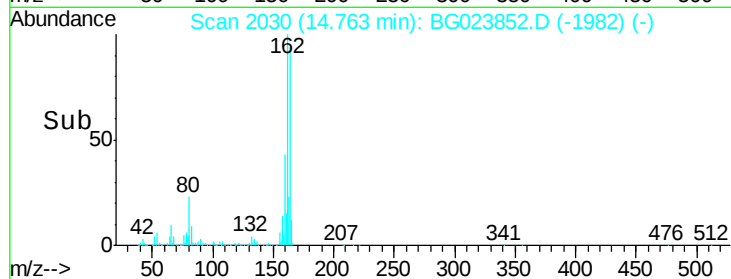
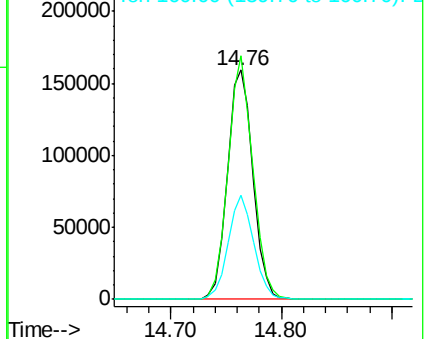
160 45.6 37.2 55.8



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: 100.88 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

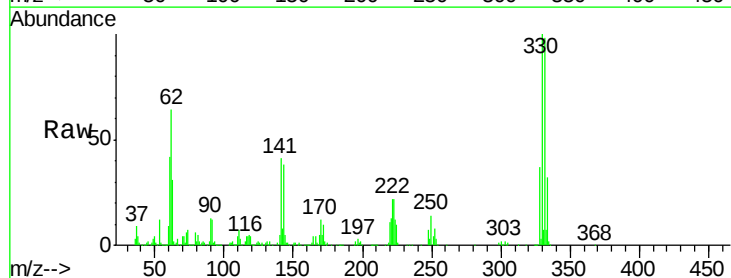
Tgt Ion:330 Resp: 379627

Ion Ratio Lower Upper

330 100

332 96.9 77.4 116.2

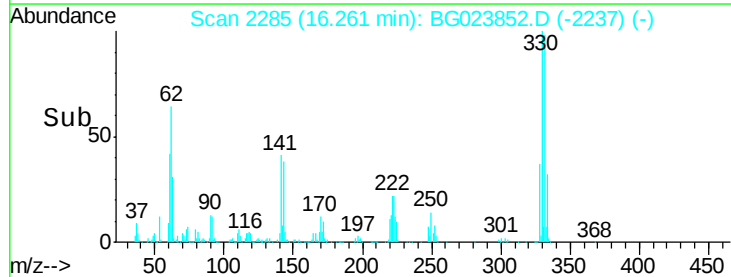
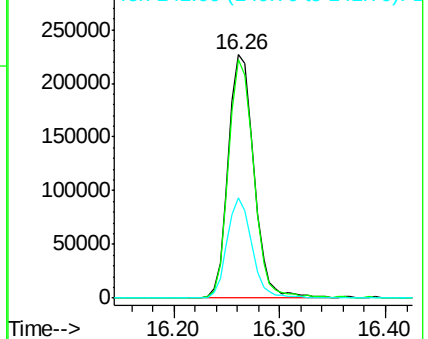
141 40.0 31.7 47.5

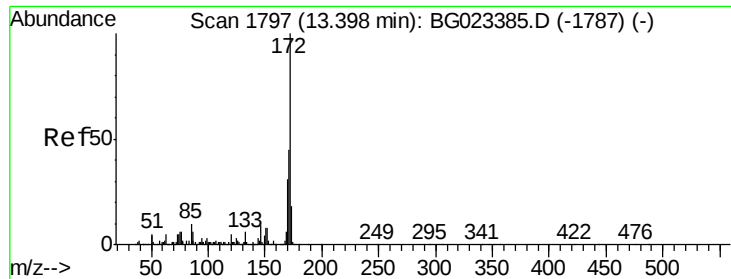


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

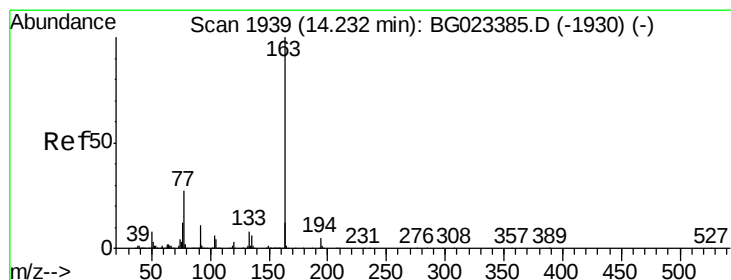
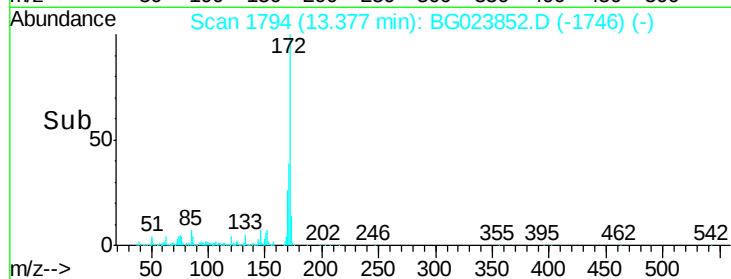
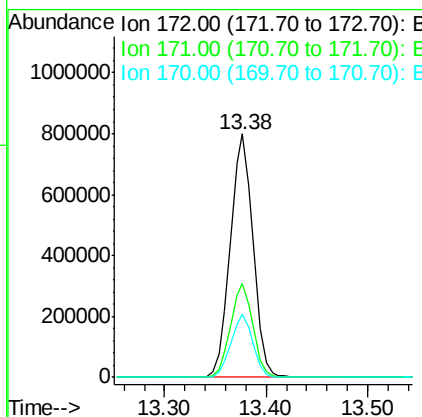
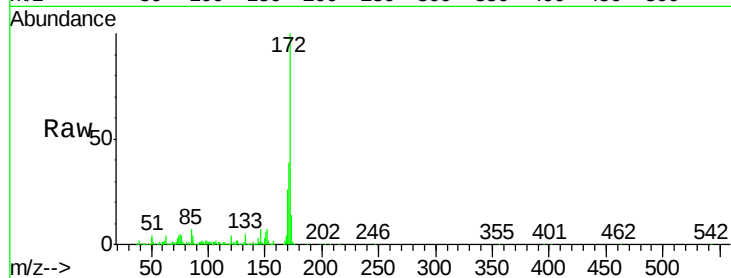




#44
2-Fluorobiphenyl
Concen: 81.58 ng
RT: 13.38 min Scan# 1794
Delta R.T. -0.02 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

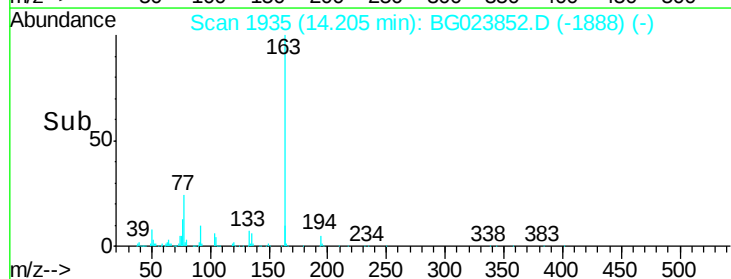
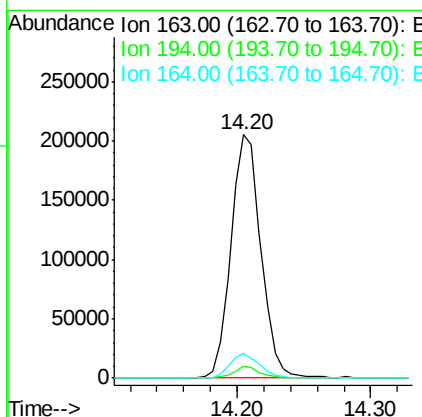
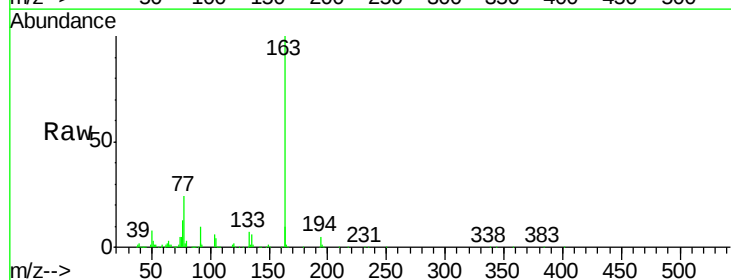
Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-1

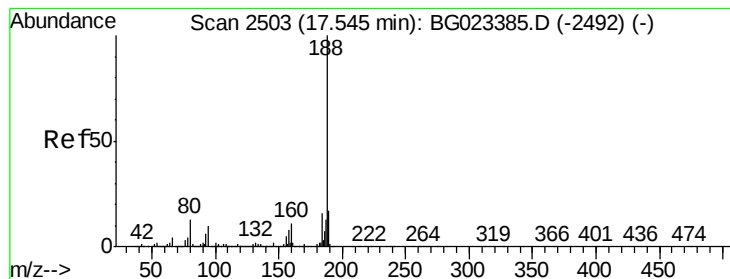
Tgt Ion:172 Resp: 1244427
Ion Ratio Lower Upper
172 100
171 38.7 31.6 47.4
170 25.9 21.3 31.9



#49
Dimethylphthalate
Concen: 16.22 ng
RT: 14.20 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

Tgt Ion:163 Resp: 320203
Ion Ratio Lower Upper
163 100
194 4.9 3.6 5.4
164 9.9 8.1 12.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-1

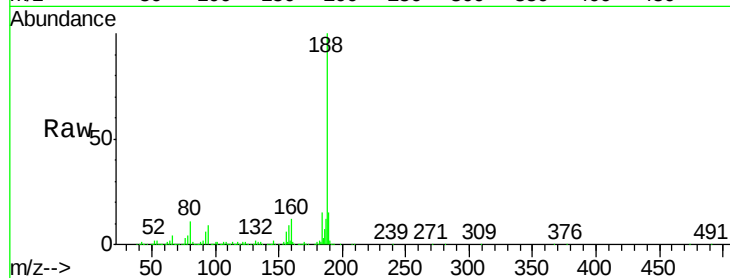
Tgt Ion:188 Resp: 627953

Ion Ratio Lower Upper

188 100

94 9.1 5.2 7.8#

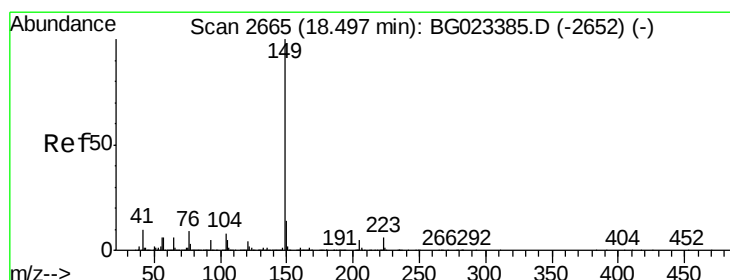
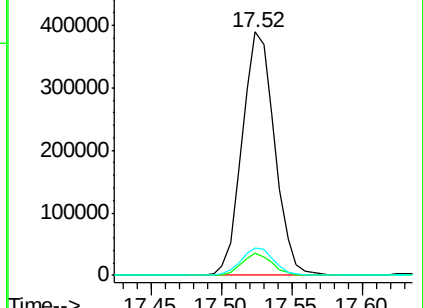
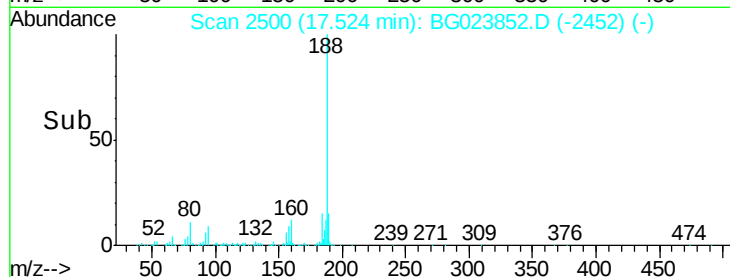
80 11.2 7.2 10.8#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 18.48 min Scan# 2662

Delta R.T. -0.02 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

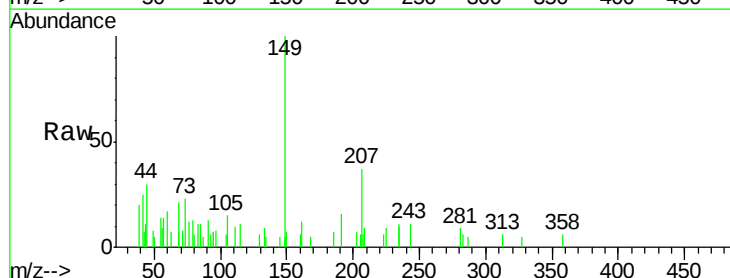
Tgt Ion:149 Resp: 3987

Ion Ratio Lower Upper

149 100

150 7.3 9.1 13.7#

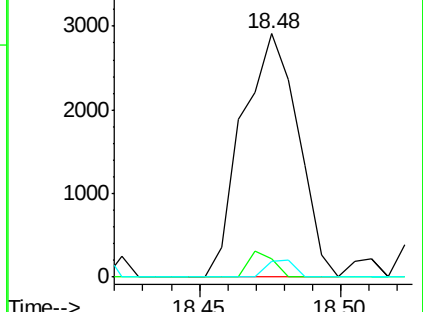
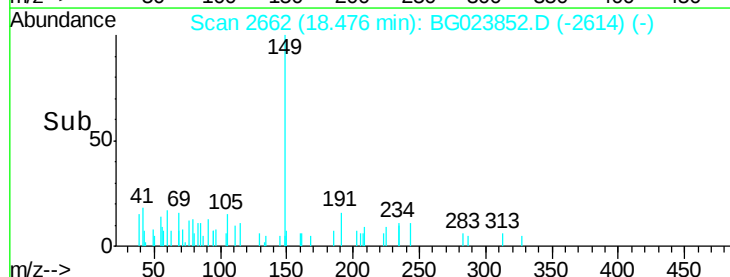
104 6.4 6.9 10.3#

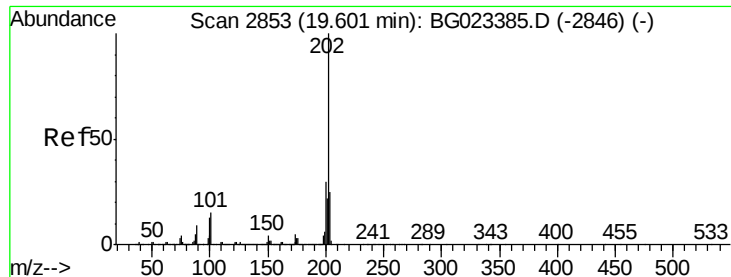


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

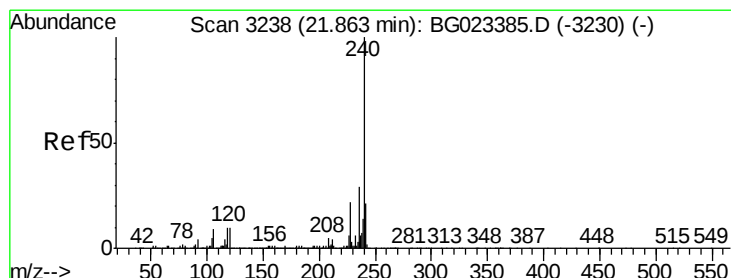
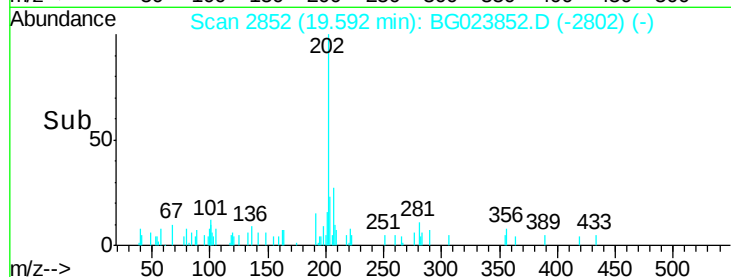
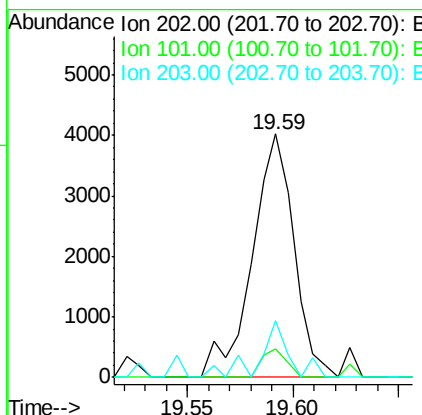
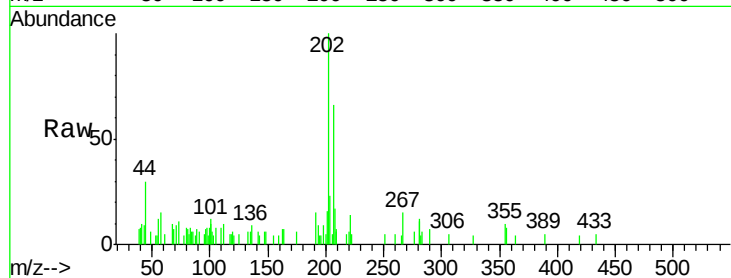




#74
Fluoranthene
Concen: Below Cal
RT: 19.59 min Scan# 2852
Delta R.T. -0.01 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

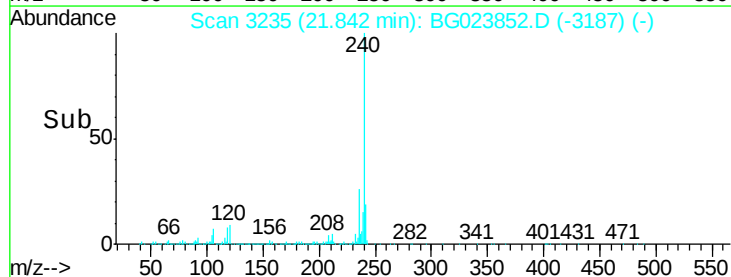
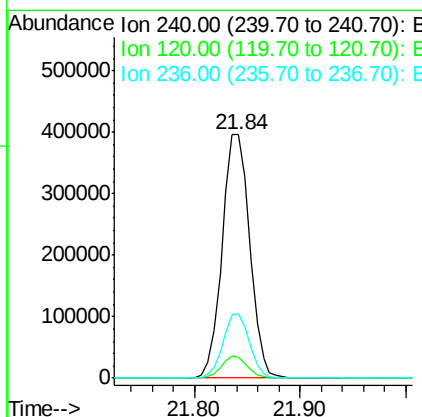
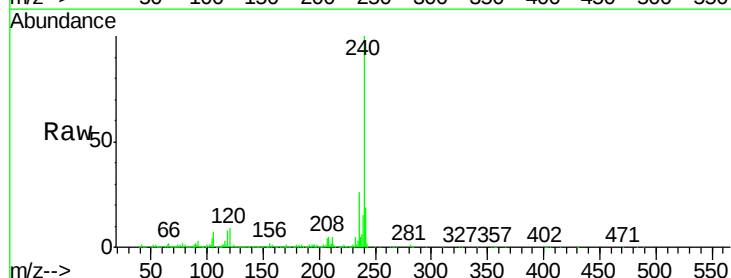
Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-1

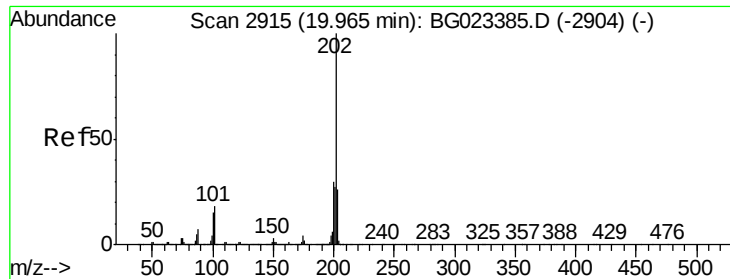
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	27.4
203	23.2	1.7	41.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.84 min Scan# 3235
Delta R.T. -0.02 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	4.1	6.1#
236	26.2	21.1	31.7





#77

Pyrene

Concen: Below Cal

RT: 19.95 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-1

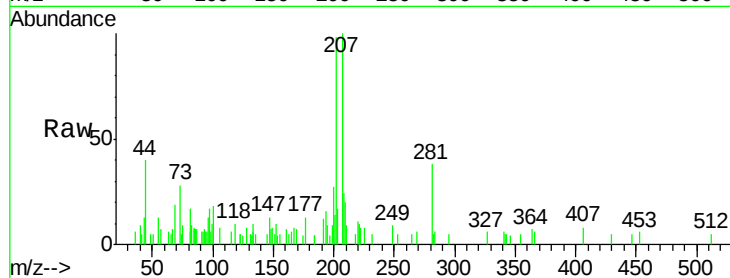
Tgt Ion:202 Resp: 4854

Ion Ratio Lower Upper

202 100

200 27.2 21.2 31.8

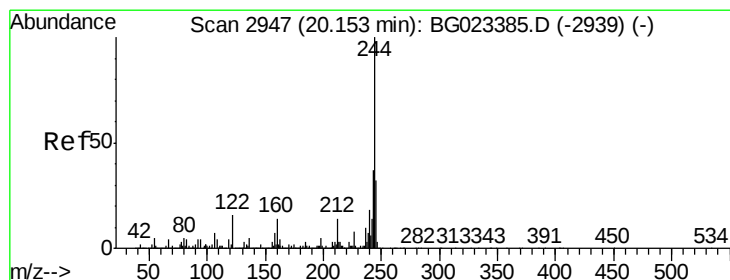
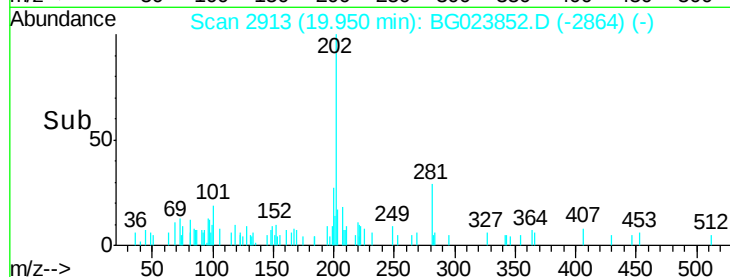
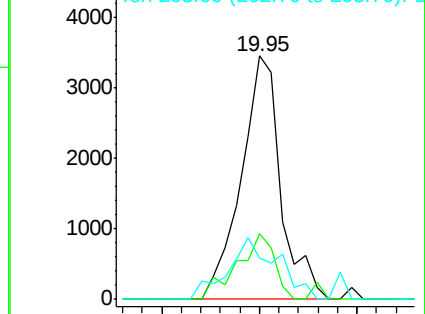
203 17.1 16.8 25.2



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



#78

Terphenyl-d14

Concen: 82.63 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023852.D

Acq: 23 Aug 2016 14:23

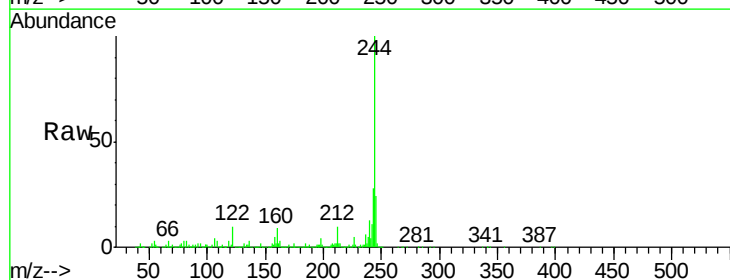
Tgt Ion:244 Resp: 1900042

Ion Ratio Lower Upper

244 100

212 9.9 10.8 16.2#

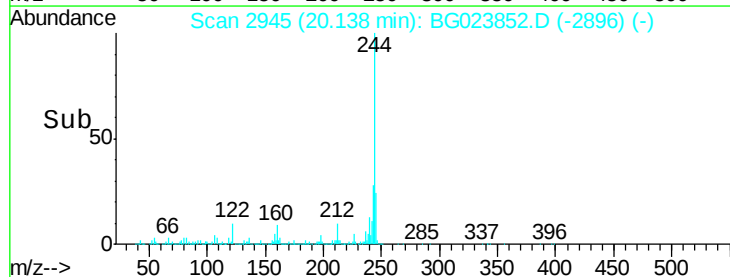
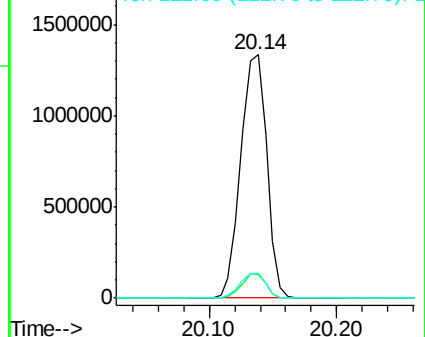
122 9.9 8.0 12.0

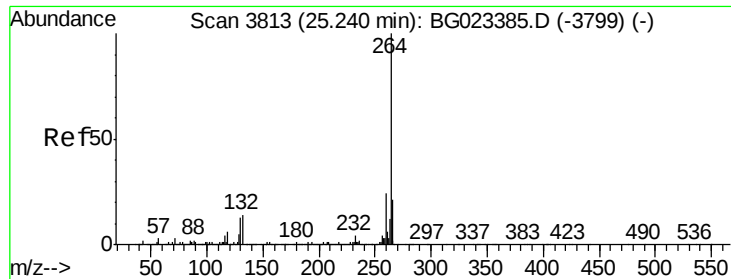


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.02 min
Lab File: BG023852.D
Acq: 23 Aug 2016 14:23

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	22.0	18.9	28.3

