

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082316\
 Data File : BG023854.D
 Acq On : 23 Aug 2016 15:39
 Operator : UM/SJ
 Sample : H4528-12
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-3

Quant Time: Aug 24 01:18:58 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

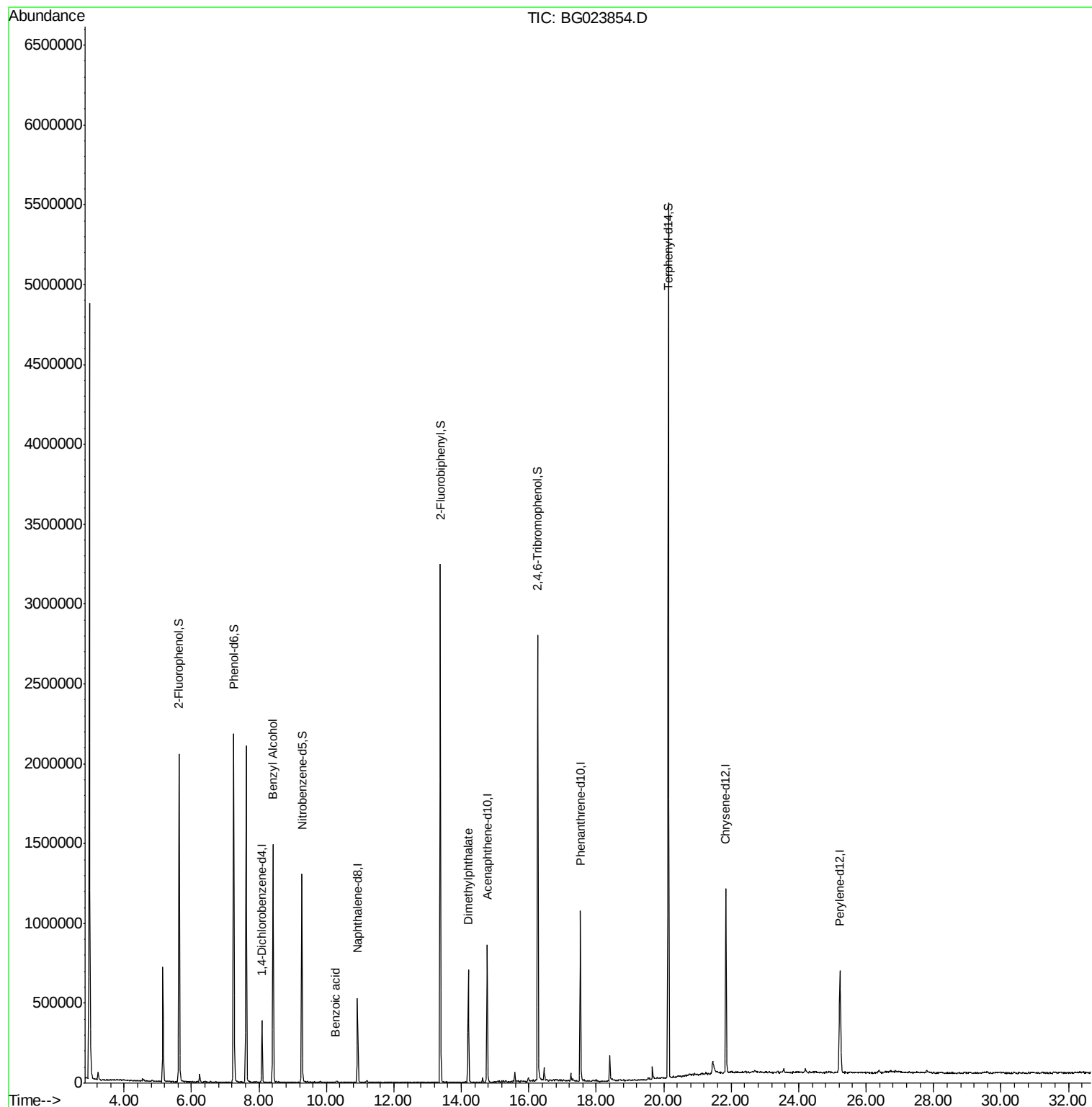
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	101569	20.00	ng	-0.03
21) Naphthalene-d8	10.92	136	442206	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	283947	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	661432	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	699317	20.00	ng	-0.02
86) Perylene-d12	25.23	264	696255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	870745	144.31	ng	-0.03
7) Phenol-d6	7.25	99	1247444	132.73	ng	-0.03
23) Nitrobenzene-d5	9.27	82	855089	96.13	ng	-0.03
41) 2,4,6-Tribromophenol	16.26	330	495208	119.23	ng	-0.02
44) 2-Fluorobiphenyl	13.38	172	1566685	93.06	ng	-0.02
78) Terphenyl-d14	20.14	244	2126210	98.10	ng	-0.01
Target Compounds						
9) Benzaldehyde	7.26	77	3041	Below Cal	#	8
15) Benzyl Alcohol	8.42	79	14832	2.08 ng	#	59
32) Benzoic acid	10.26	122	127	6.46 ng	#	1
49) Dimethylphthalate	14.21	163	437879	20.10 ng		99
73) Di-n-butylphthalate	18.47	149	4492	Below Cal	#	81
74) Fluoranthene	19.59	202	3679	Below Cal		89
77) Pyrene	19.95	202	3447	Below Cal	#	86

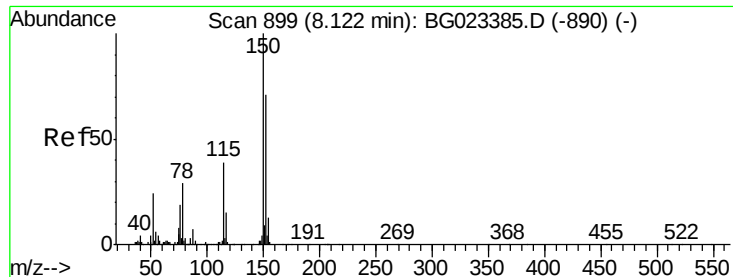
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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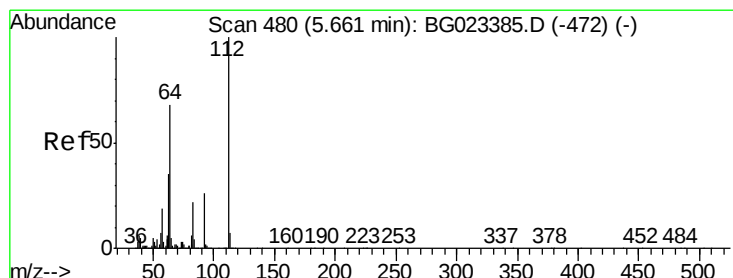
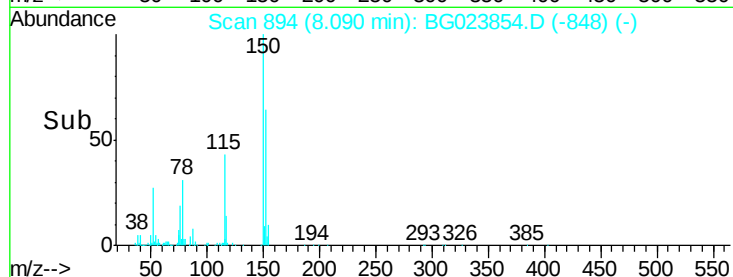
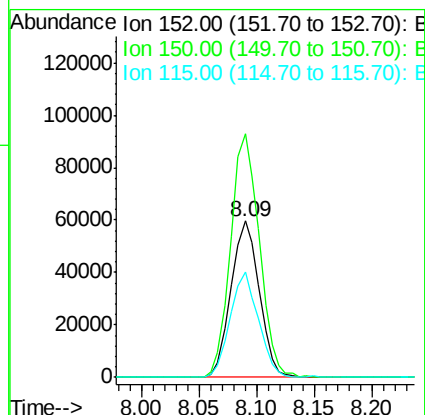
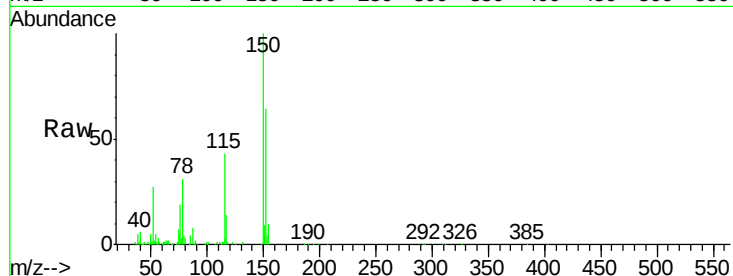


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.09 min Scan# 894
Delta R.T. -0.03 min
Lab File: BG023854.D
Acq: 23 Aug 2016 15:39

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-3

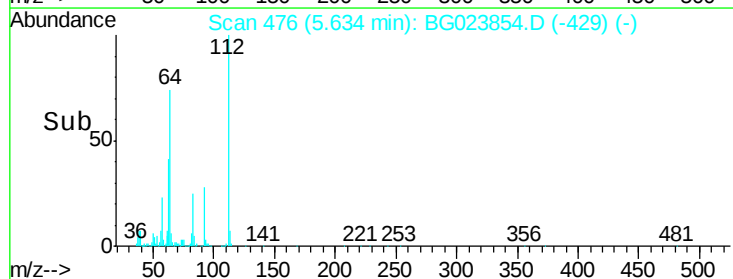
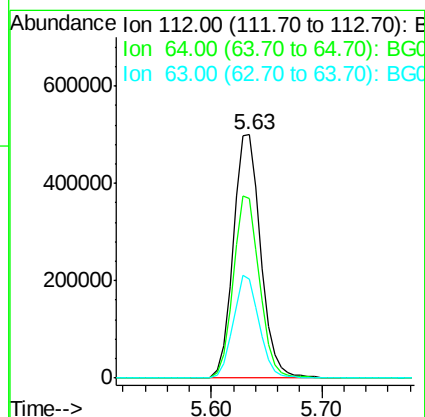
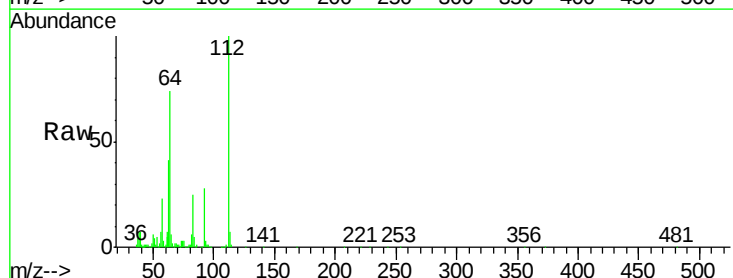
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.7	144.7	217.1
115	67.1	64.0	96.0

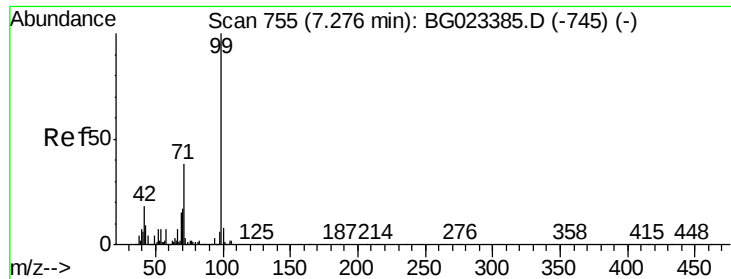


#5

2-Fluorophenol
Concen: 144.31 ng
RT: 5.63 min Scan# 476
Delta R.T. -0.03 min
Lab File: BG023854.D
Acq: 23 Aug 2016 15:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.0	59.0	88.4
63	40.6	37.8	56.8





#7

Phenol-d6

Concen: 132.73 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Instrument :

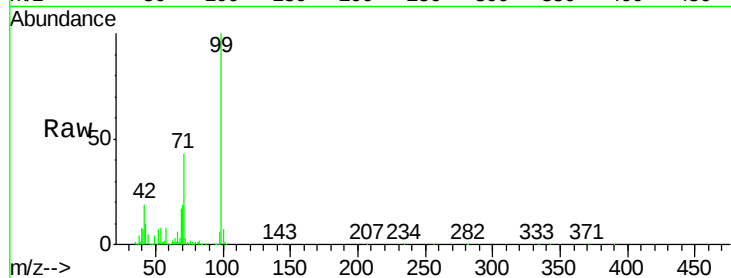
BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-3

Tgt Ion: 99 Resp: 1247444

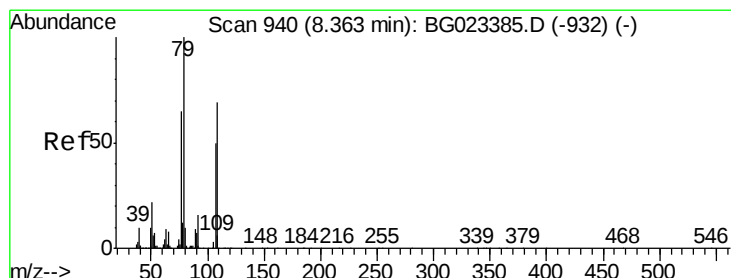
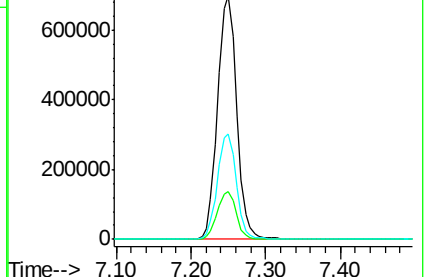
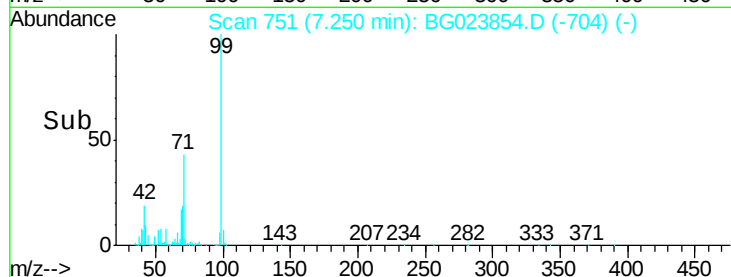
Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.8	26.6
71	43.3	41.5	62.3



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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.42 min Scan# 950

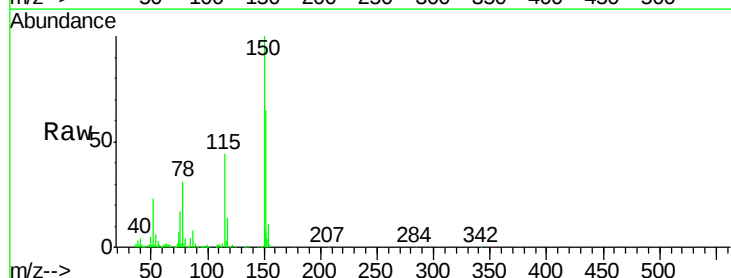
Delta R.T. 0.06 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Tgt Ion: 79 Resp: 14832

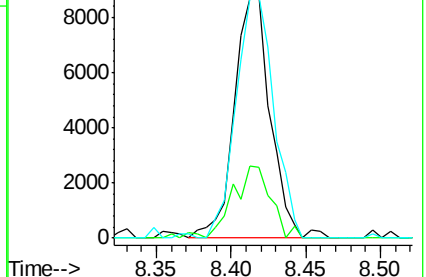
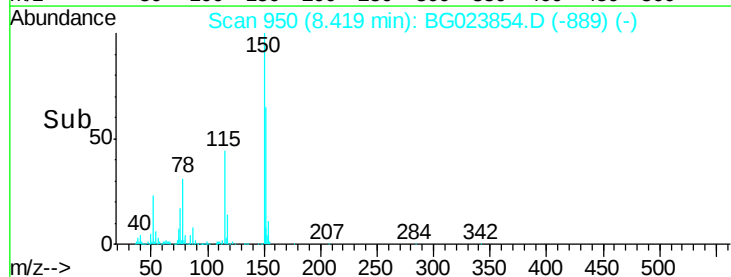
Ion	Ratio	Lower	Upper
79	100		
108	29.0	46.5	69.7#
77	99.7	52.3	78.5#

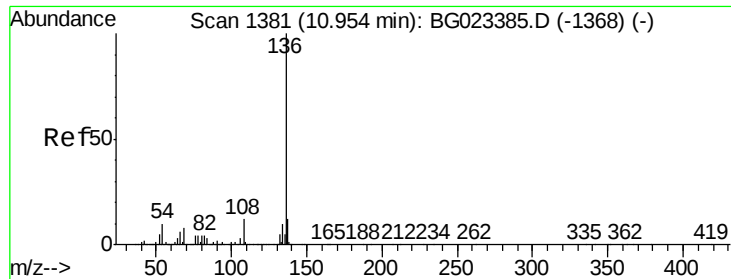


Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

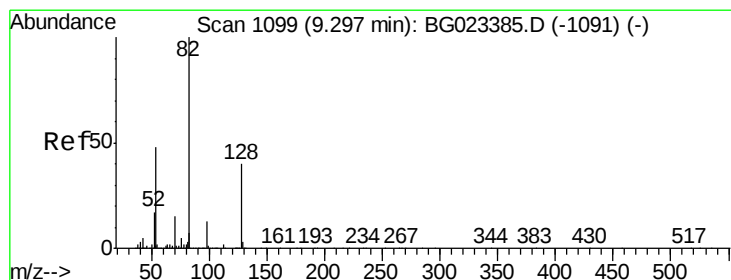
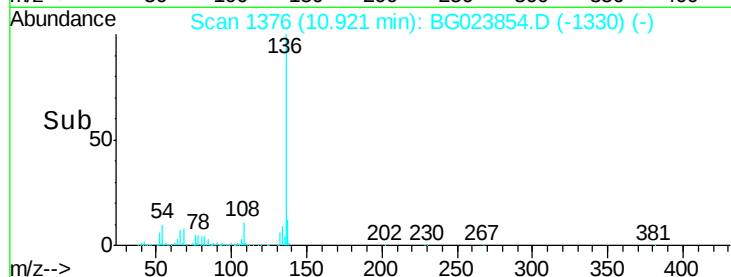
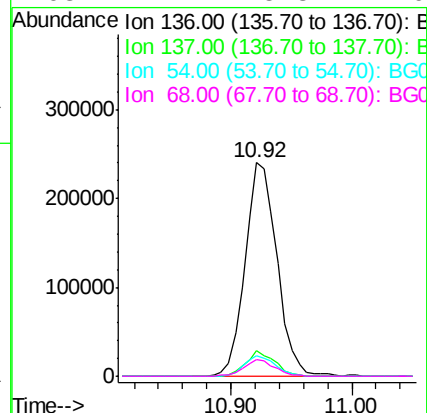
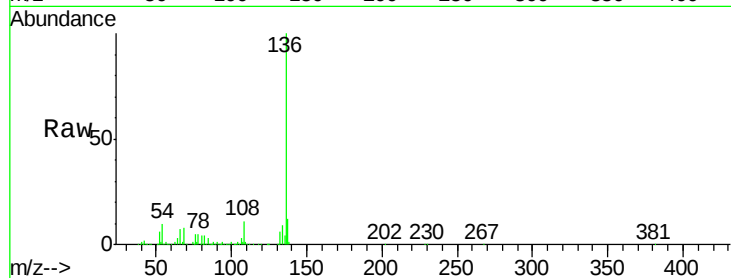




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.03 min
Lab File: BG023854.D
Acq: 23 Aug 2016 15:39

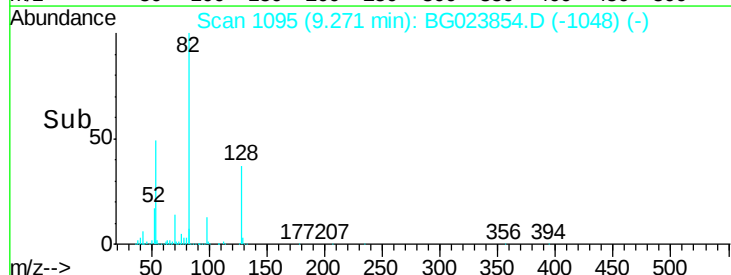
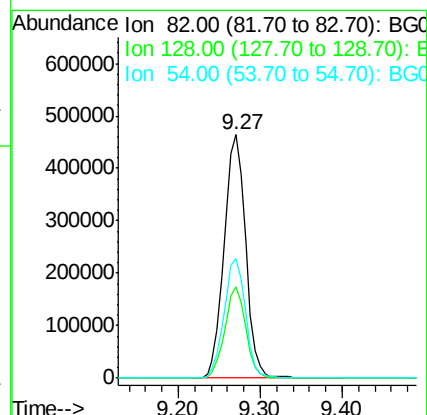
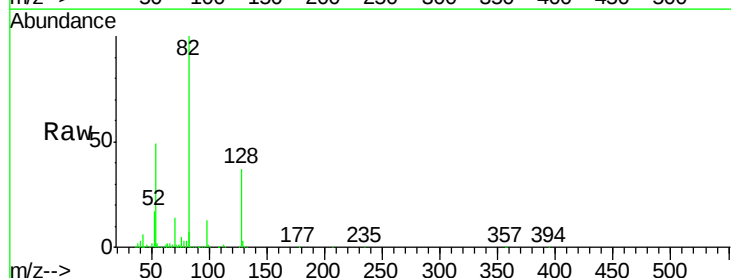
Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-3

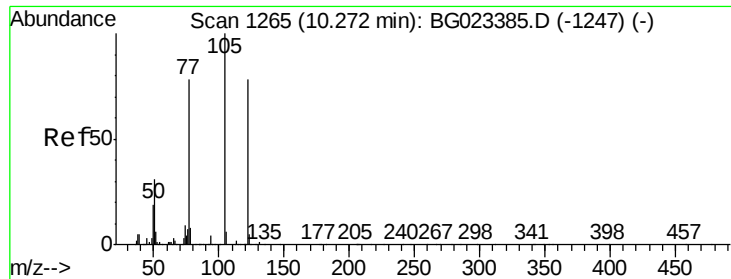
Tgt Ion:	136	Resp:	442206
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.6	14.4
54	9.9	7.3	10.9
68	7.7	5.3	7.9



#23
Nitrobenzene-d5
Concen: 96.13 ng
RT: 9.27 min Scan# 1095
Delta R.T. -0.03 min
Lab File: BG023854.D
Acq: 23 Aug 2016 15:39

Tgt Ion:	82	Resp:	855089
Ion	Ratio	Lower	Upper
82	100		
128	37.5	24.4	36.6#
54	49.3	41.4	62.0

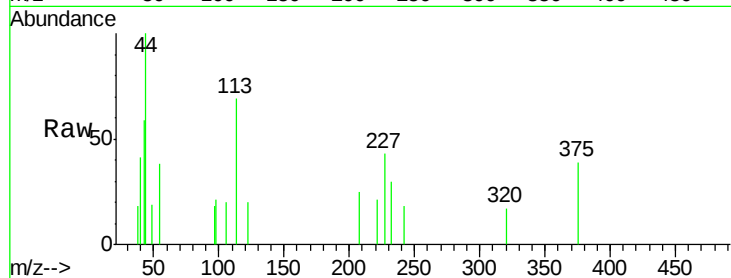




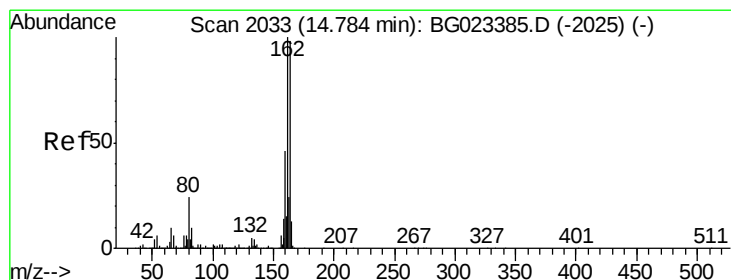
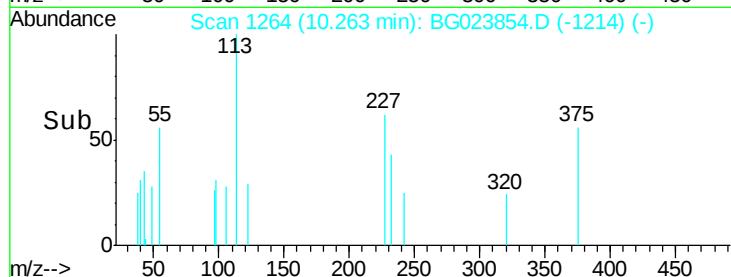
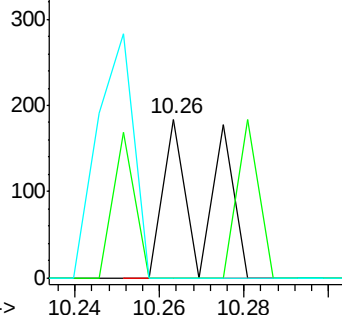
#32
Benzoic acid
Concen: 6.46 ng
RT: 10.26 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG023854.D
Acq: 23 Aug 2016 15:39

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-3

Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 0.0 117.2 157.2#
77 0.0 109.2 149.2#

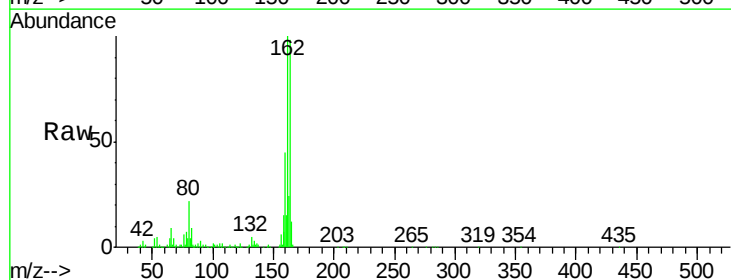


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BGC

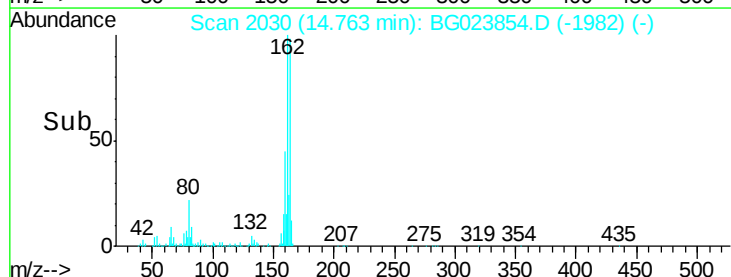
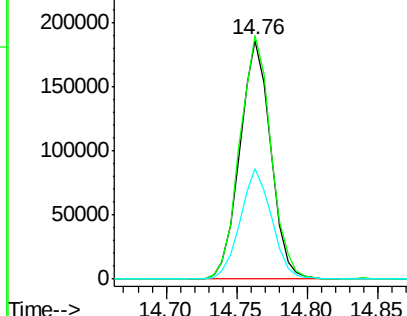


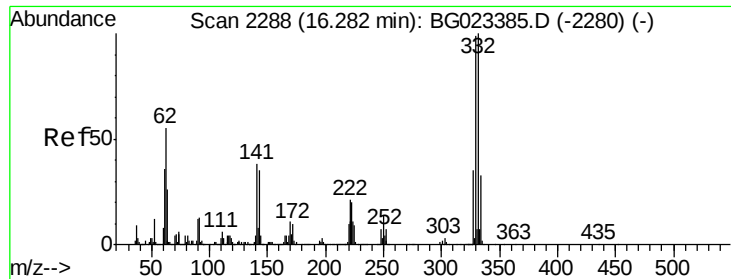
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2030
Delta R.T. -0.02 min
Lab File: BG023854.D
Acq: 23 Aug 2016 15:39

Tgt Ion:164 Resp: 283947
Ion Ratio Lower Upper
164 100
162 102.0 87.7 131.5
160 46.0 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: 119.23 ng

RT: 16.26 min Scan# 2285

Delta R.T. -0.02 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-3

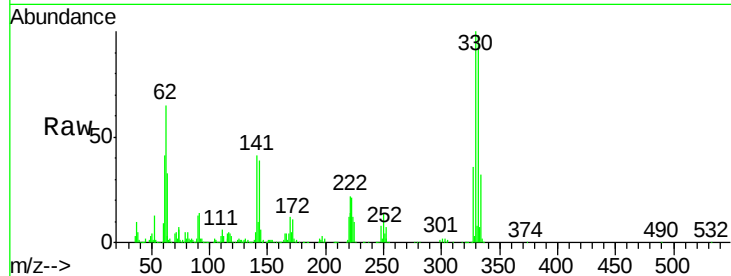
Tgt Ion:330 Resp: 495208

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.2

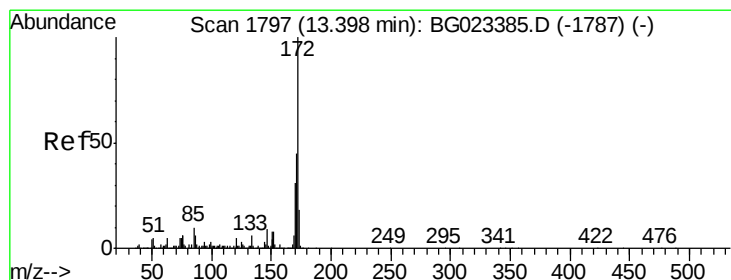
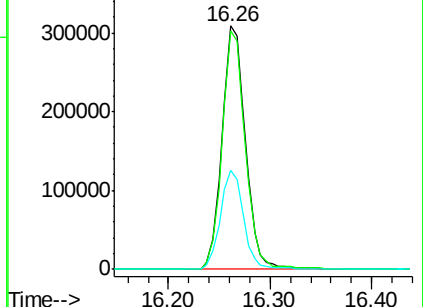
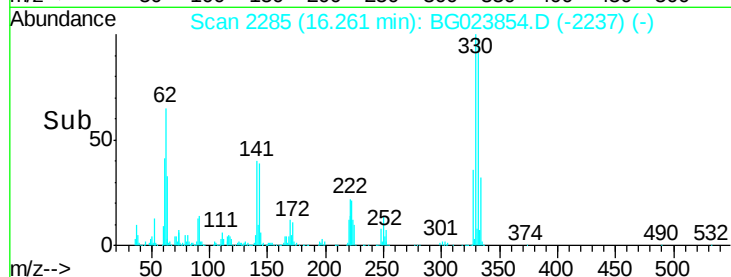
141 40.2 31.7 47.5



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: 93.06 ng

RT: 13.38 min Scan# 1794

Delta R.T. -0.02 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

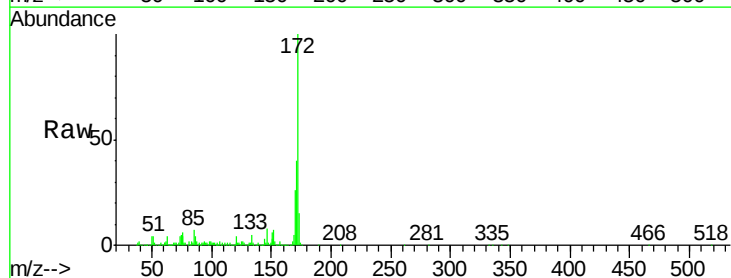
Tgt Ion:172 Resp: 1566685

Ion Ratio Lower Upper

172 100

171 39.8 31.6 47.4

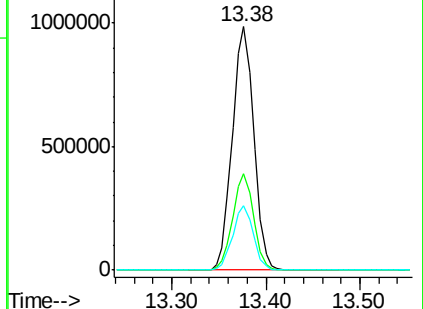
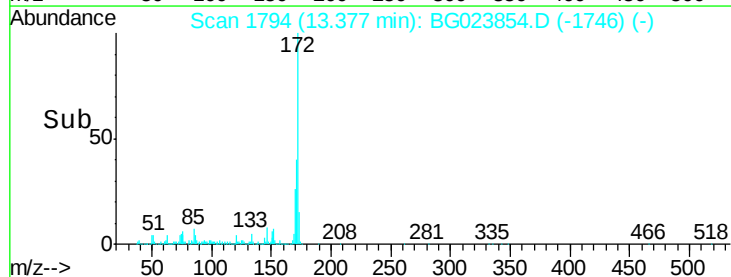
170 26.4 21.3 31.9

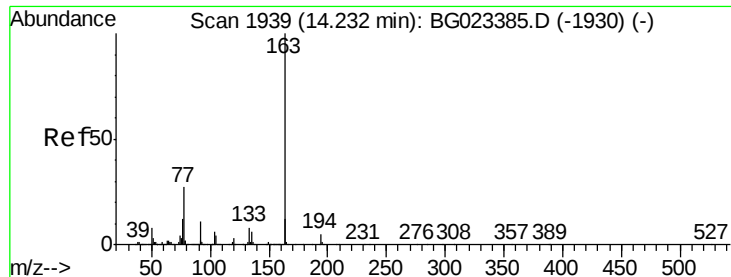


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 20.10 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Instrument :

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ClientSampleId :

VITALEFILL-MCMPH3-3

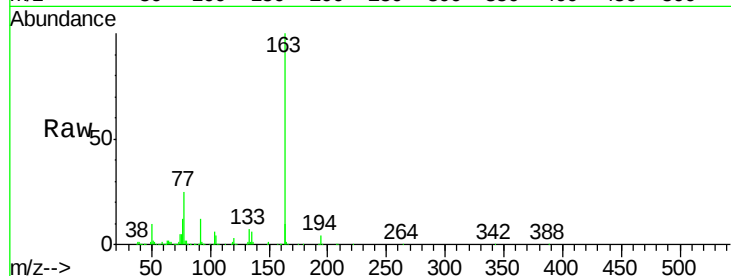
Tgt Ion:163 Resp: 437879

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

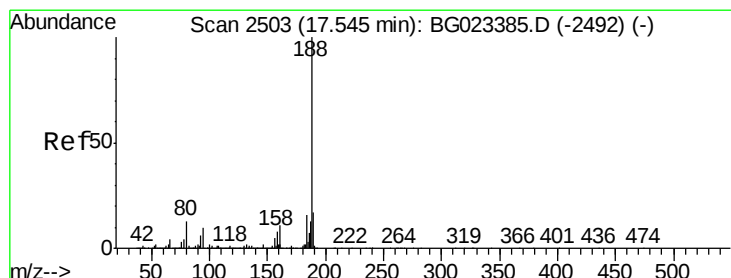
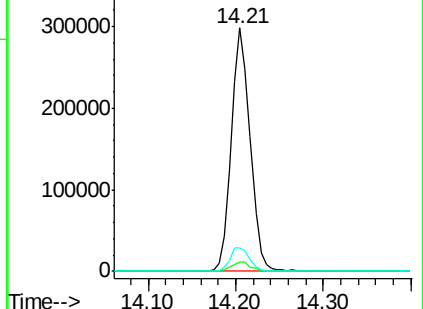
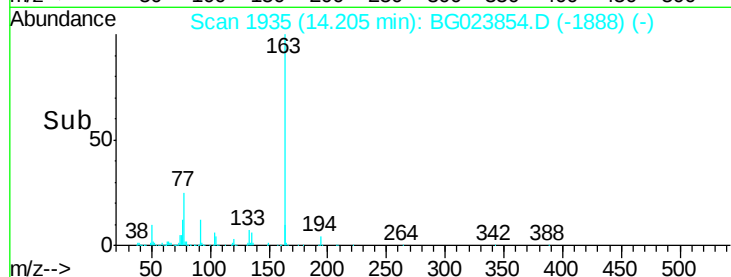
164 9.8 8.1 12.1



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: 17.52 min Scan# 2500

Delta R.T. -0.02 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

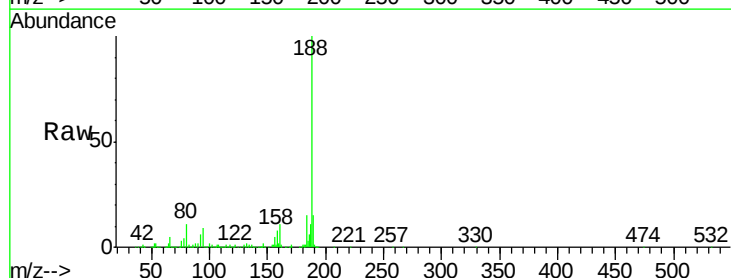
Tgt Ion:188 Resp: 661432

Ion Ratio Lower Upper

188 100

94 9.2 5.2 7.8#

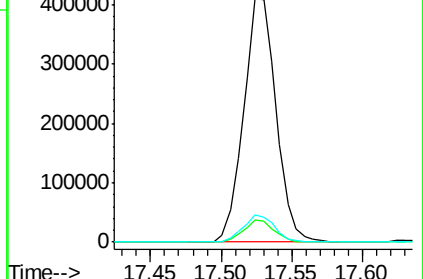
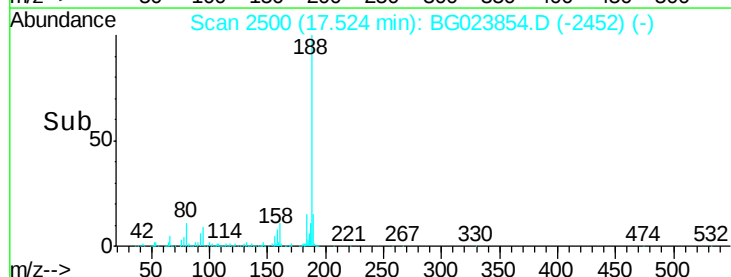
80 11.2 7.2 10.8#

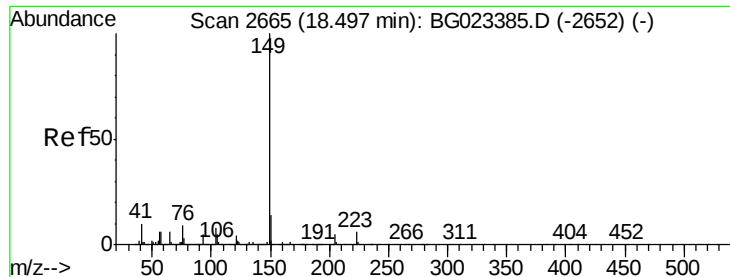


Abundance Ion 188.00 (187.70 to 188.70): E

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: 18.47 min Scan# 2661

Delta R.T. -0.03 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-3

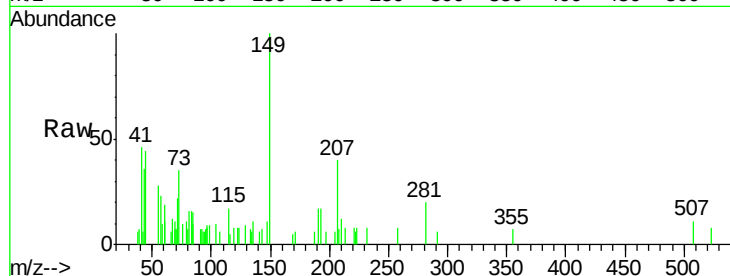
Tgt Ion:149 Resp: 4492

Ion Ratio Lower Upper

149 100

150 0.0 9.1 13.7#

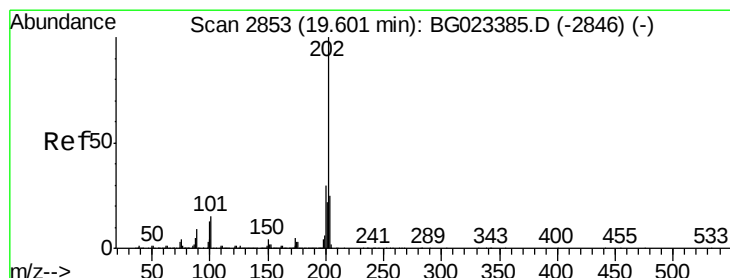
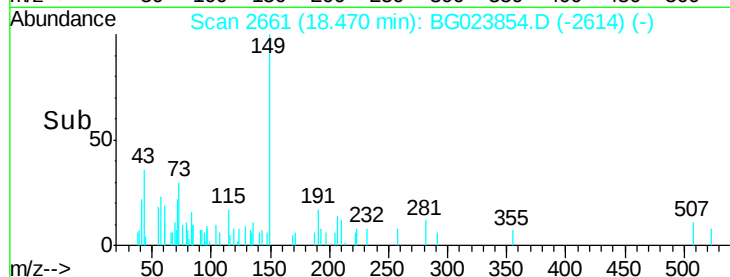
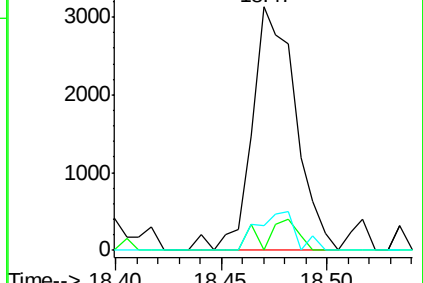
104 10.2 6.9 10.3



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# 2851

Delta R.T. -0.01 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

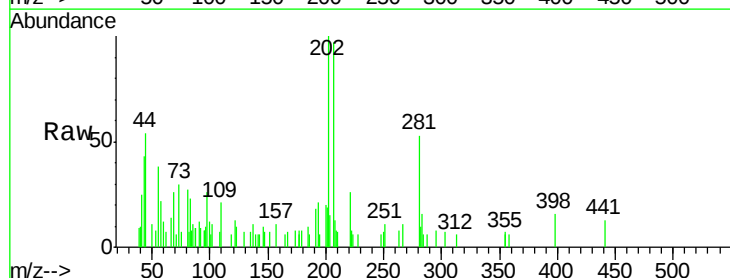
Tgt Ion:202 Resp: 3679

Ion Ratio Lower Upper

202 100

101 6.3 0.0 27.4

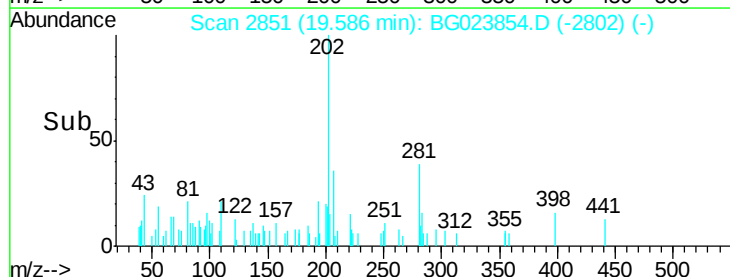
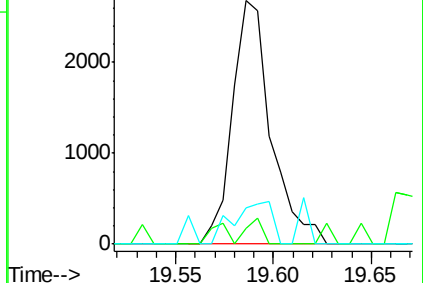
203 14.9 1.7 41.7

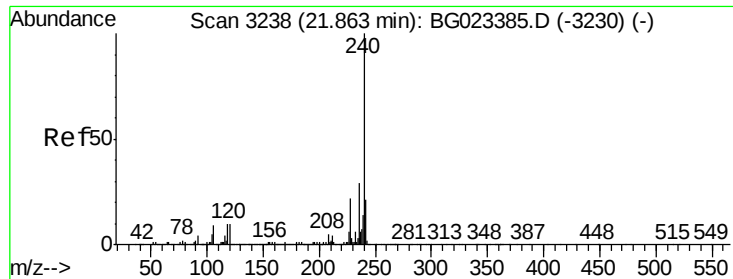


Abundance Ion 202.00 (201.70 to 202.70): E

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: BG023854.D

Acq: 23 Aug 2016 15:39

Instrument :

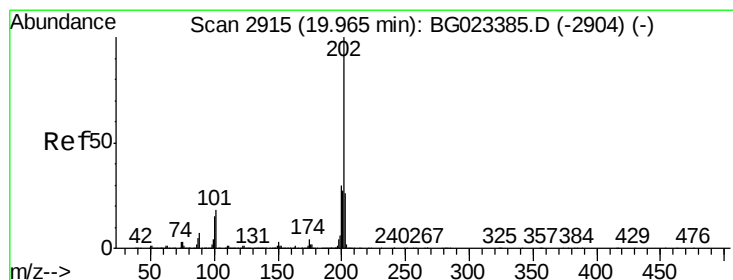
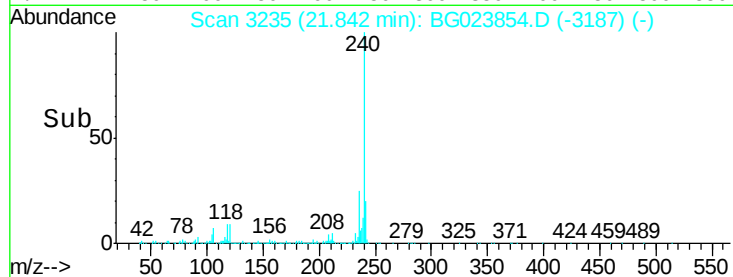
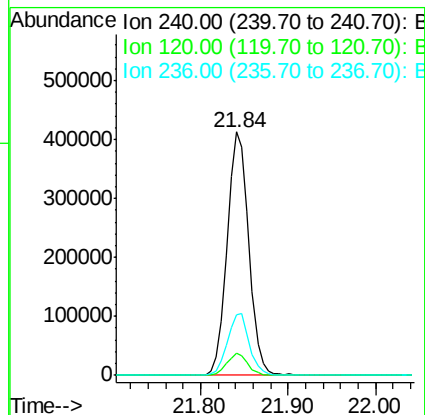
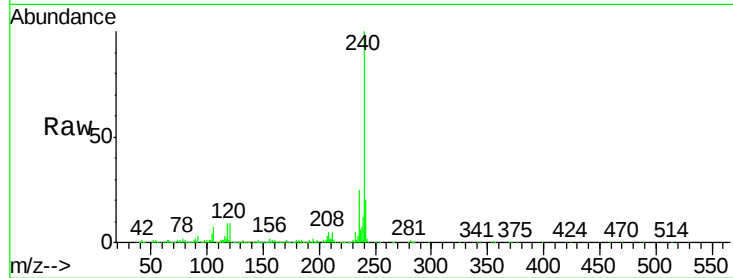
BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-3

Tgt Ion:240 Resp: 699317

Ion	Ratio	Lower	Upper
240	100		
120	9.0	4.1	6.1#
236	24.8	21.1	31.7



#77

Pyrene

Concen: Below Cal

RT: 19.95 min Scan# 2913

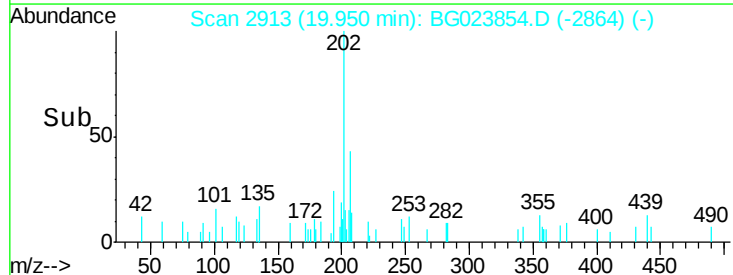
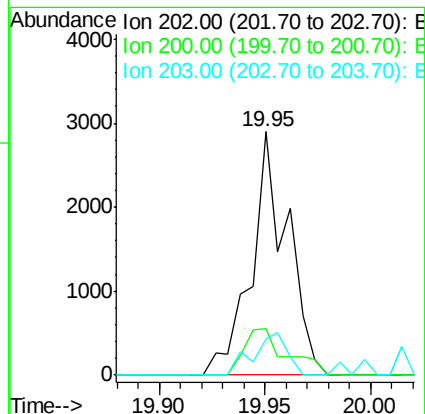
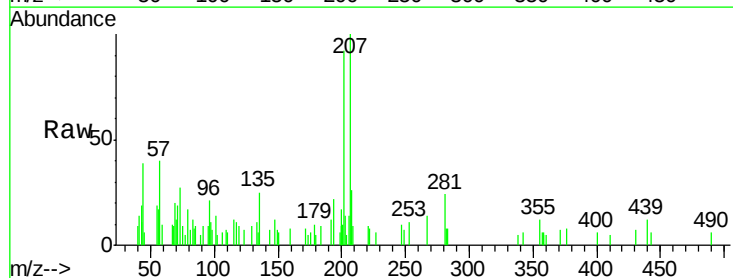
Delta R.T. -0.01 min

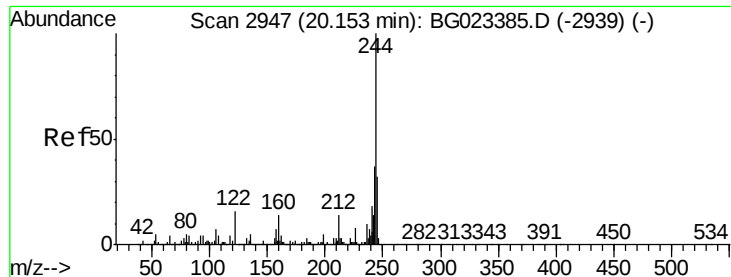
Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Tgt Ion:202 Resp: 3447

Ion	Ratio	Lower	Upper
202	100		
200	18.9	21.2	31.8#
203	15.0	16.8	25.2#





#78

Terphenyl-d14

Concen: 98.10 ng

RT: 20.14 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-3

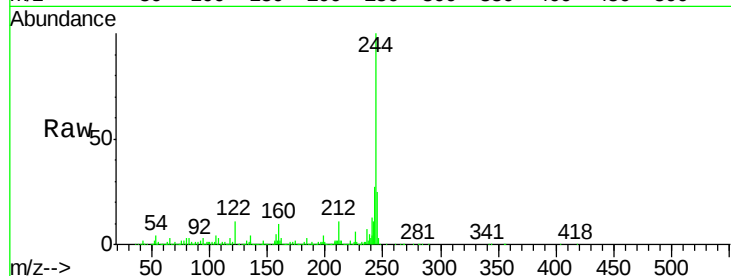
Tgt Ion:244 Resp: 2126210

Ion Ratio Lower Upper

244 100

212 10.9 10.8 16.2

122 10.9 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

20.14

1500000

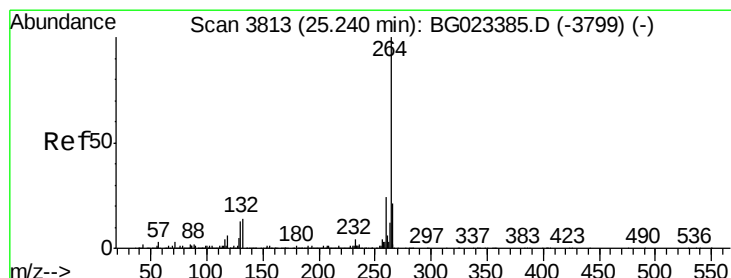
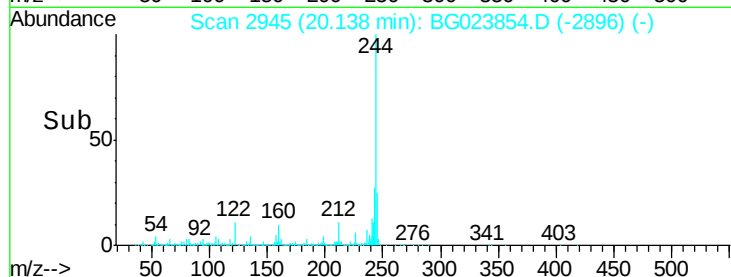
1000000

500000

0

20.05 20.10 20.15 20.20

Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.23 min Scan# 3811

Delta R.T. -0.01 min

Lab File: BG023854.D

Acq: 23 Aug 2016 15:39

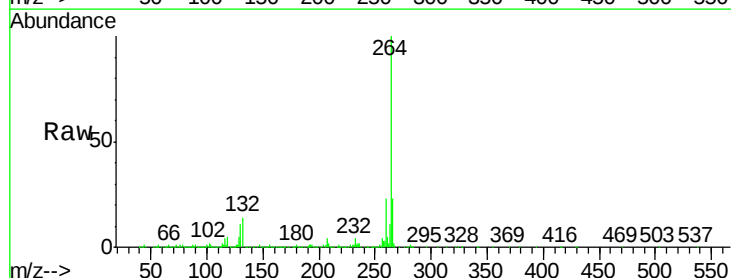
Tgt Ion:264 Resp: 696255

Ion Ratio Lower Upper

264 100

260 23.4 18.4 27.6

265 22.8 18.9 28.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.23

300000

250000

200000

150000

100000

50000

0

25.10 25.20 25.30

Time-->

