

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082316\
 Data File : BG023855.D
 Acq On : 23 Aug 2016 16:16
 Operator : UM/SJ
 Sample : H4528-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-4

Quant Time: Aug 24 01:41:05 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

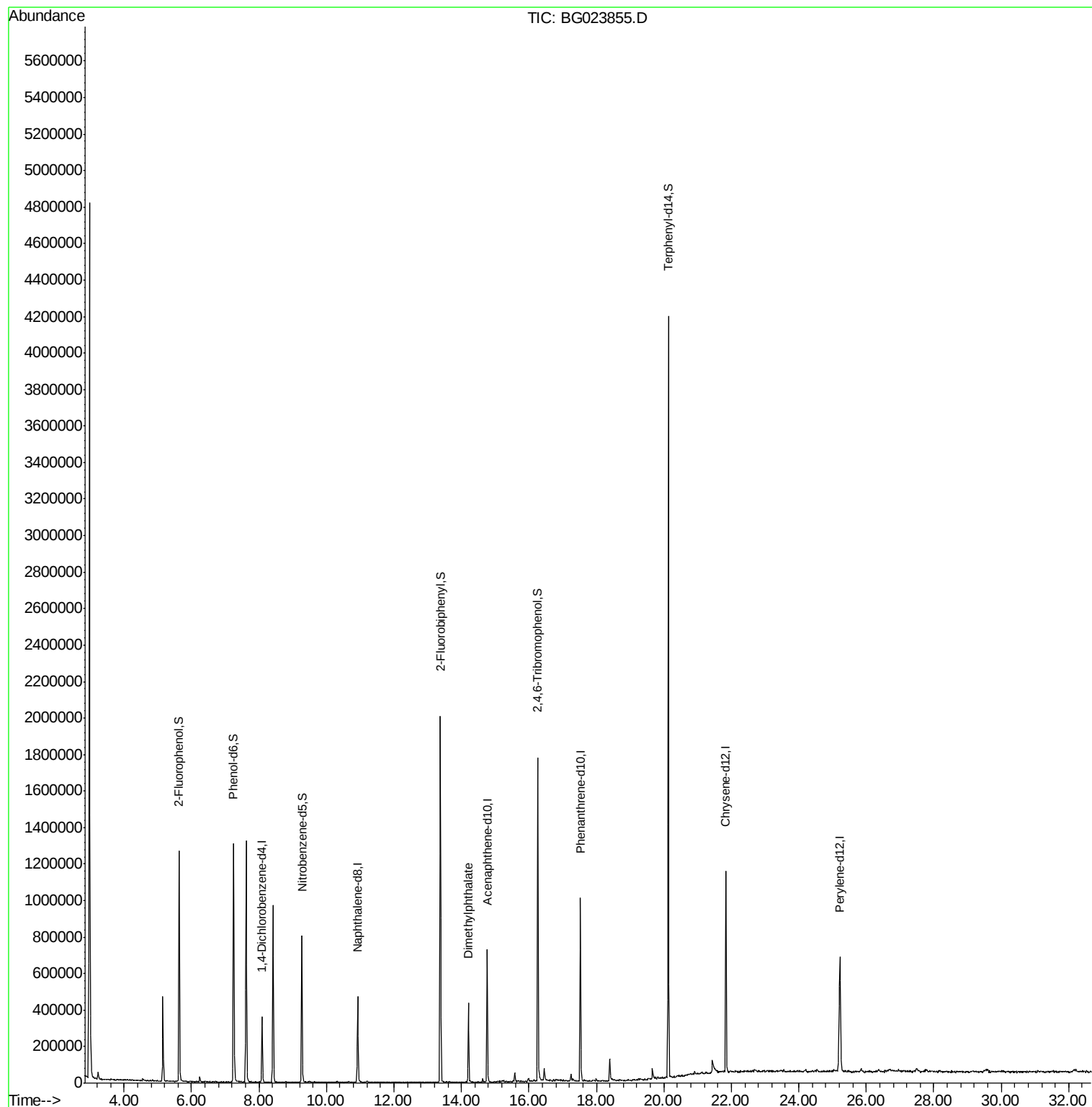
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	94704	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	391482	20.00	ng	-0.03
38) Acenaphthene-d10	14.76	164	249075	20.00	ng	-0.02
63) Phenanthrene-d10	17.52	188	626251	20.00	ng	-0.02
75) Chrysene-d12	21.84	240	716258	20.00	ng	-0.03
86) Perylene-d12	25.22	264	707451	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	540209	96.02	ng	-0.03
7) Phenol-d6	7.25	99	786122	89.71	ng	-0.03
23) Nitrobenzene-d5	9.27	82	541881	68.81	ng	-0.03
41) 2,4,6-Tribromophenol	16.27	330	323071	88.68	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1014632	68.71	ng	-0.02
78) Terphenyl-d14	20.13	244	1614210	66.32	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	14.21	163	297535	15.57	ng	# 98

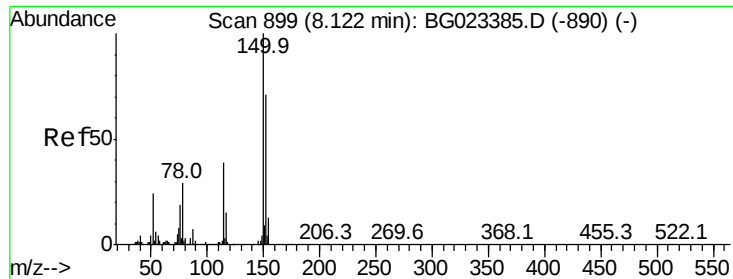
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG023855.D

Acq: 23 Aug 2016 16:16

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-4

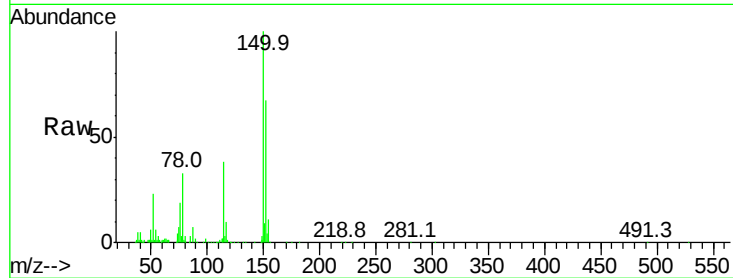
Tot Ion:152 Resp: 94704

Ion Ratio Lower Upper

152 100

150 149.8 144.7 217.1

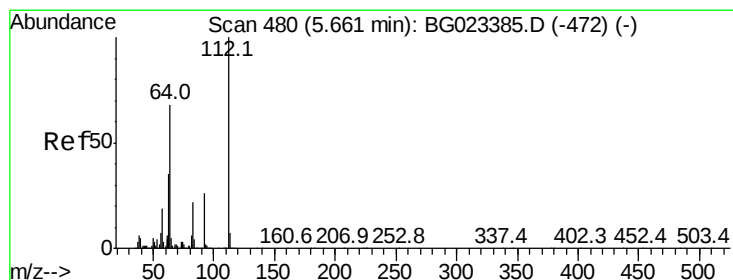
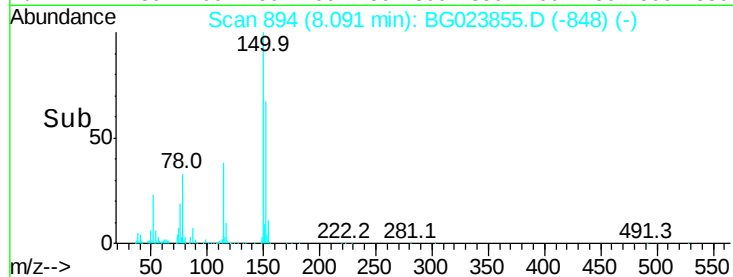
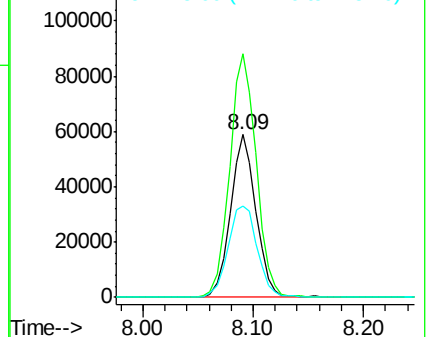
115 56.2 64.0 96.0#



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: 96.02 ng

RT: 5.63 min Scan# 475

Delta R.T. -0.03 min

Lab File: BG023855.D

Acq: 23 Aug 2016 16:16

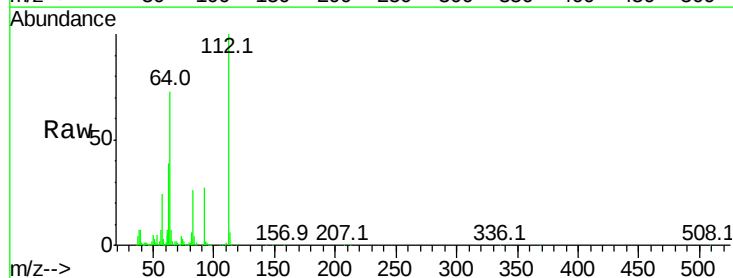
Tgt Ion:112 Resp: 540209

Ion Ratio Lower Upper

112 100

64 72.6 59.0 88.4

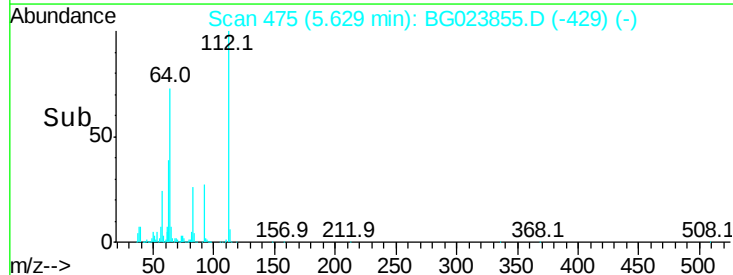
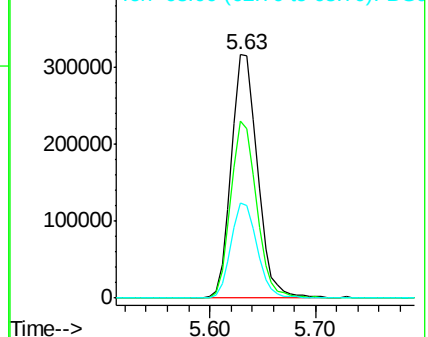
63 39.3 37.8 56.8

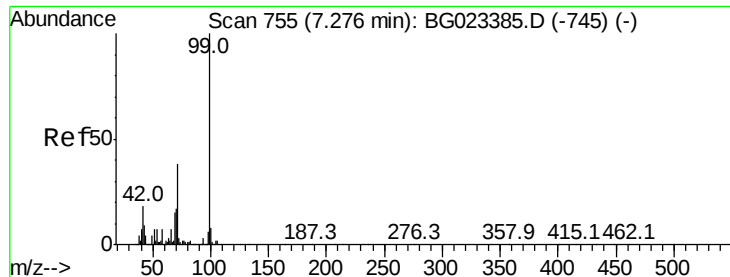


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 89.71 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.03 min

Lab File: BG023855.D

Acq: 23 Aug 2016 16:16

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-4

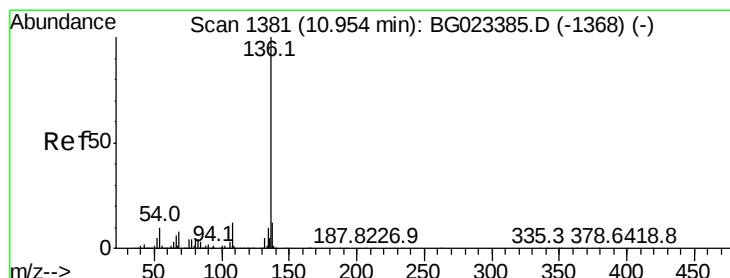
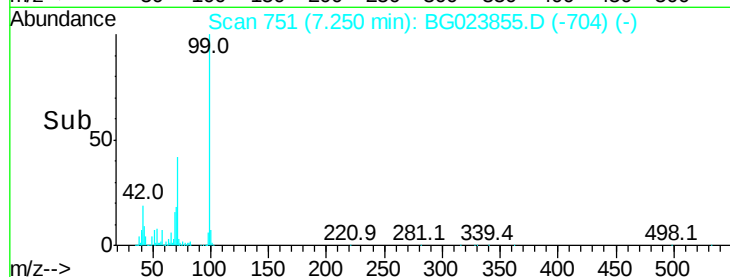
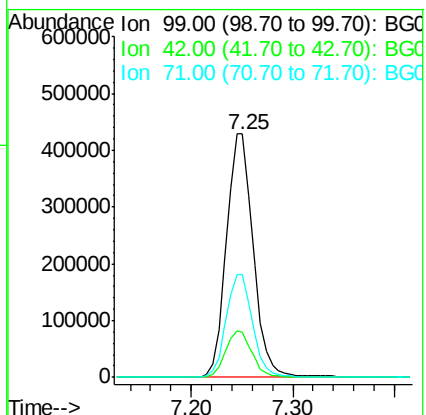
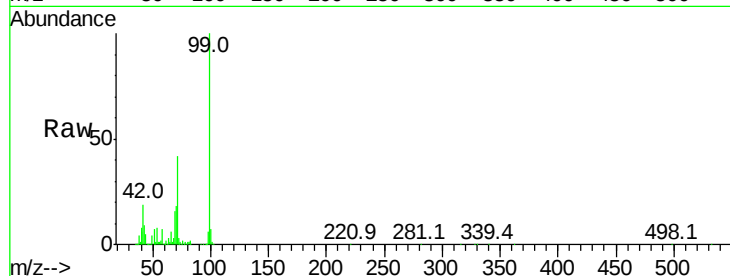
Tot Ion: 99 Resp: 786122

Ion Ratio Lower Upper

99 100

42 18.8 17.8 26.6

71 42.5 41.5 62.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1377

Delta R.T. -0.03 min

Lab File: BG023855.D

Acq: 23 Aug 2016 16:16

Tgt Ion: 136 Resp: 391482

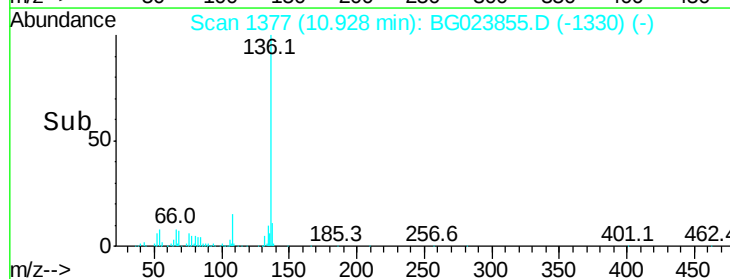
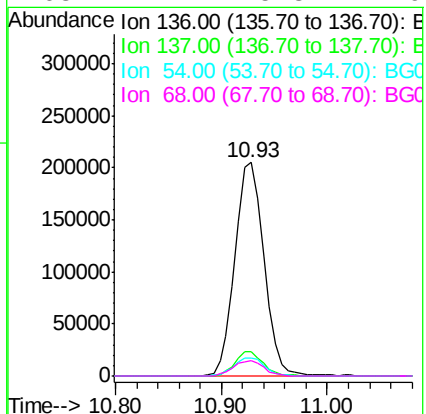
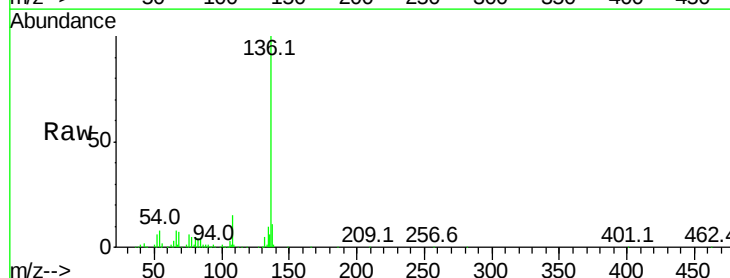
Ion Ratio Lower Upper

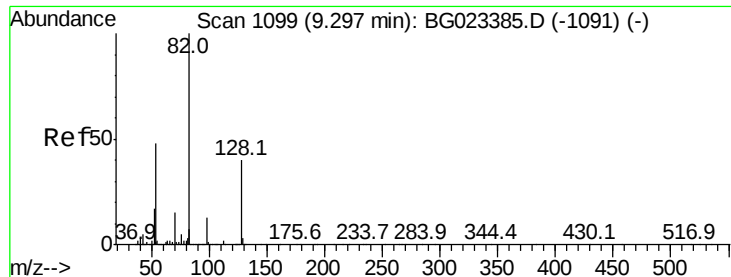
136 100

137 11.4 9.6 14.4

54 8.4 7.3 10.9

68 7.4 5.3 7.9

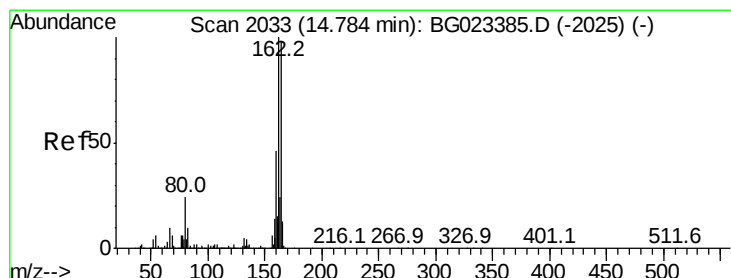
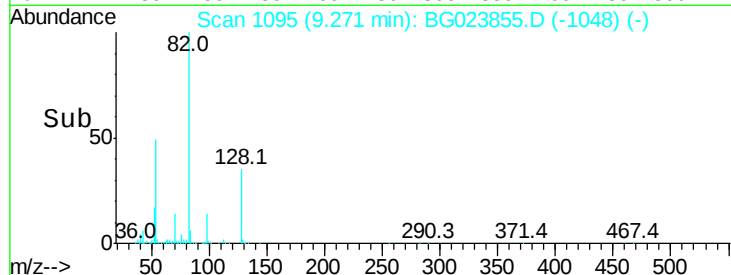
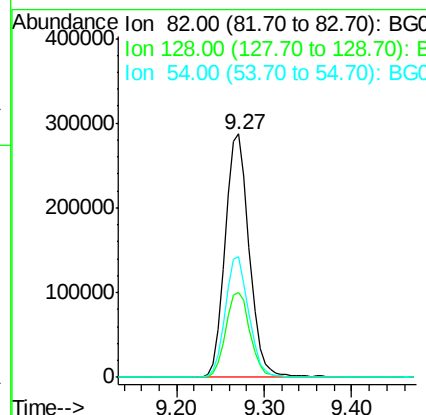
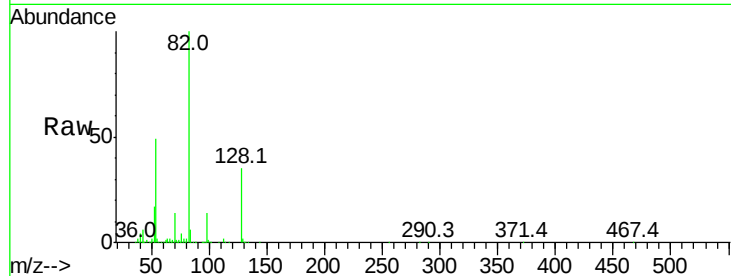




#23
 Nitrobenzene-d5
 Concen: 68.81 ng
 RT: 9.27 min Scan# 1095
 Delta R.T. -0.03 min
 Lab File: BG023855.D
 Acq: 23 Aug 2016 16:16

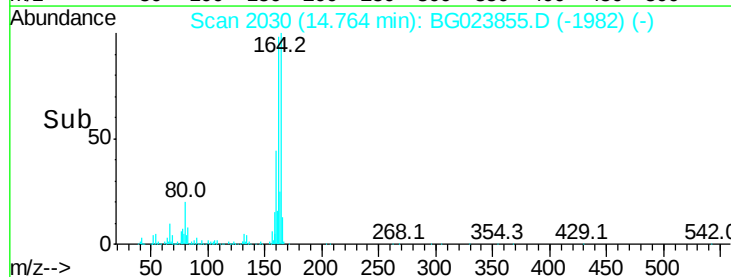
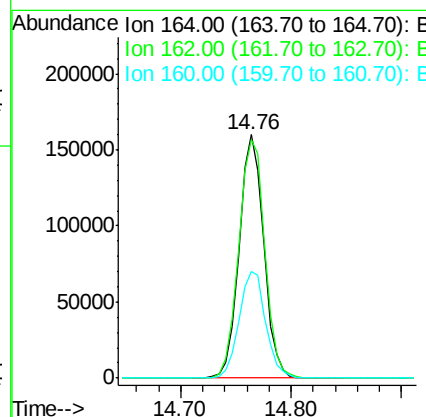
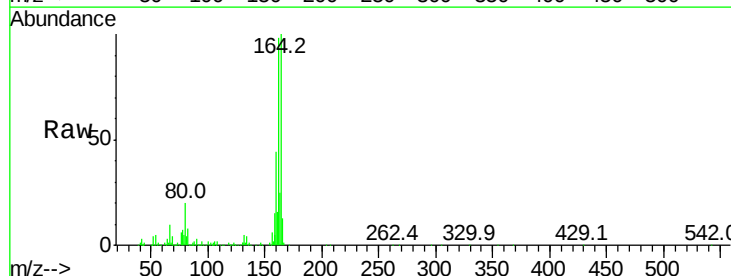
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-4

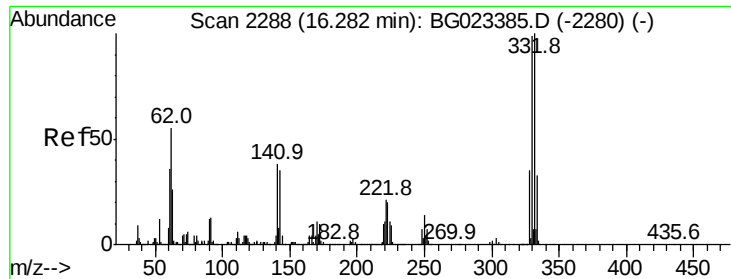
Tot Ion	82	Resp	541881
Ion Ratio	100	Lower	Upper
128	34.7	24.4	36.6
54	49.4	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.76 min Scan# 2030
 Delta R.T. -0.02 min
 Lab File: BG023855.D
 Acq: 23 Aug 2016 16:16

Tgt Ion	164	Resp	249075
Ion Ratio	100	Lower	Upper
162	97.8	87.7	131.5
160	43.7	37.2	55.8

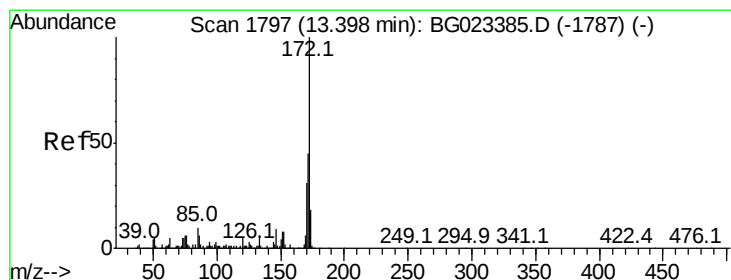
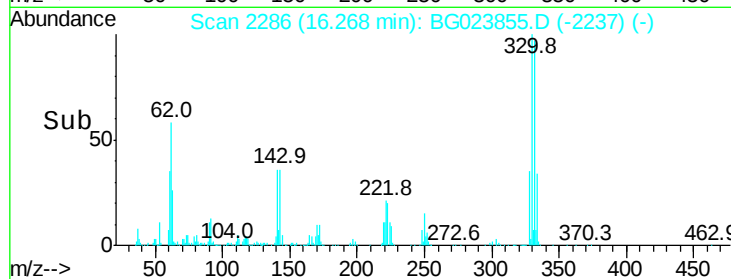
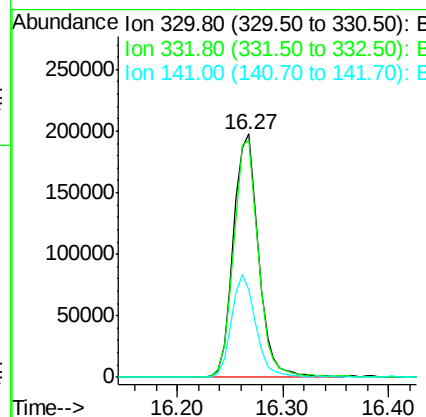
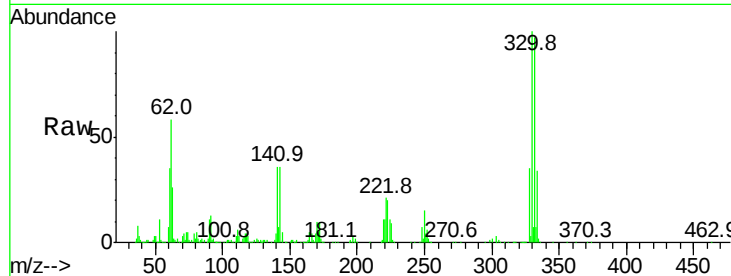




#41
 2,4,6-Tribromophenol
 Concen: 88.68 ng
 RT: 16.27 min Scan# 2286
 Delta R.T. -0.01 min
 Lab File: BG023855.D
 Acq: 23 Aug 2016 16:16

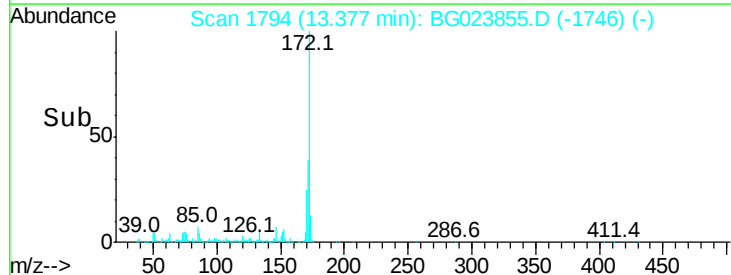
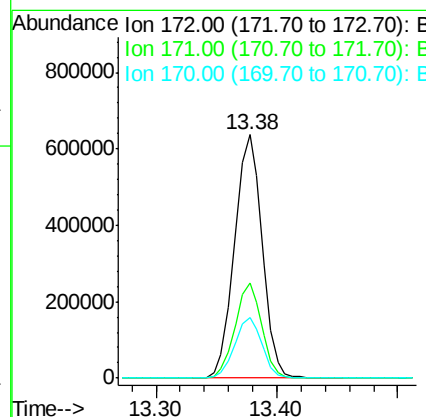
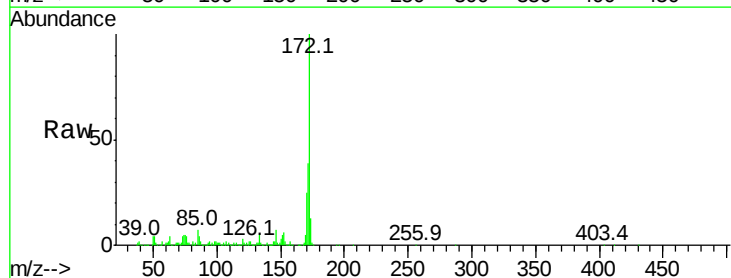
Instrument :
 BNA_G
 ClientSampleId :
 VITALEFILL-MCMPH3-4

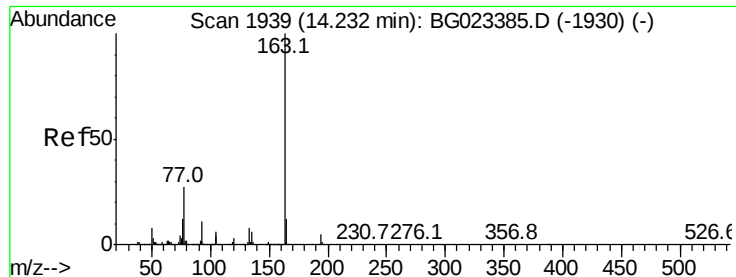
Tot Ion:330 Resp: 323071
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 40.5 31.7 47.5



#44
 2-Fluorobiphenyl
 Concen: 68.71 ng
 RT: 13.38 min Scan# 1794
 Delta R.T. -0.02 min
 Lab File: BG023855.D
 Acq: 23 Aug 2016 16:16

Tgt Ion:172 Resp: 1014632
 Ion Ratio Lower Upper
 172 100
 171 39.3 31.6 47.4
 170 25.1 21.3 31.9





#49

Dimethylphthalate

Concen: 15.57 ng

RT: 14.21 min Scan# 1935

Delta R.T. -0.03 min

Lab File: BG023855.D

Acq: 23 Aug 2016 16:16

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-4

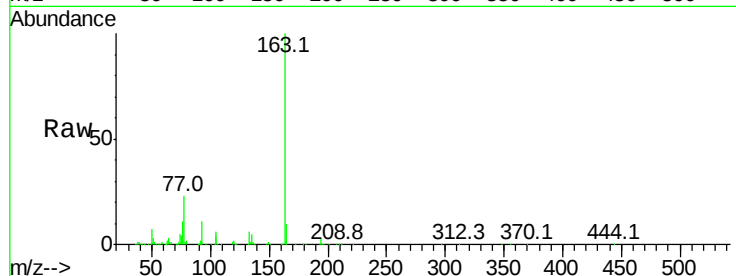
Tot Ion:163 Resp: 297535

Ion Ratio Lower Upper

163 100

194 3.1 3.6 5.4#

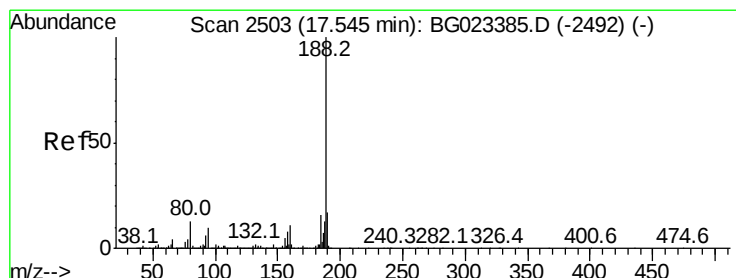
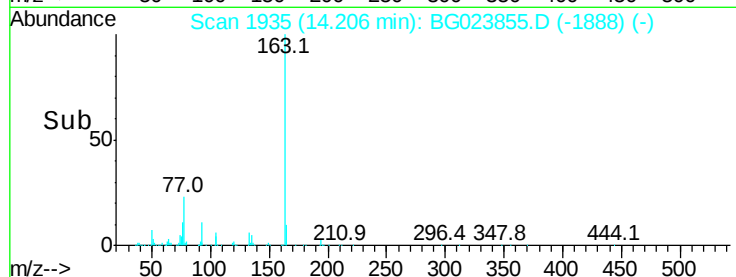
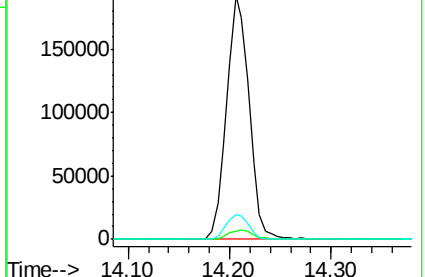
164 9.9 8.1 12.1



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: BG023855.D

Acq: 23 Aug 2016 16:16

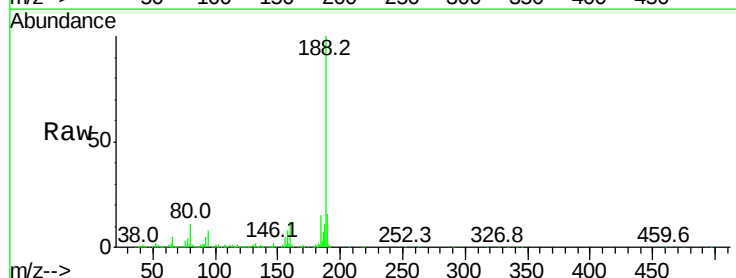
Tgt Ion:188 Resp: 626251

Ion Ratio Lower Upper

188 100

94 8.0 5.2 7.8#

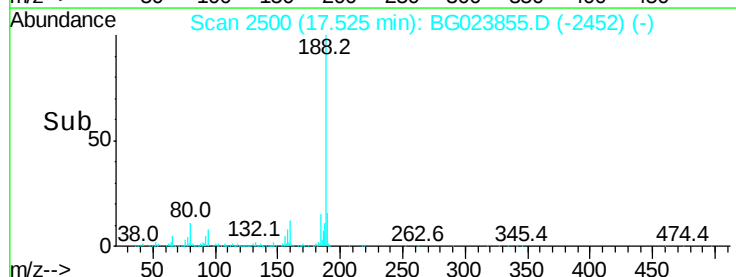
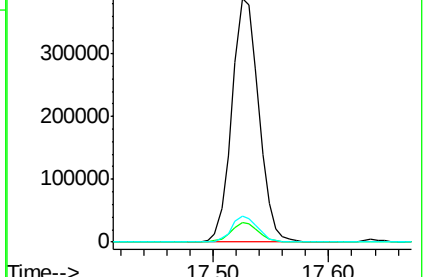
80 10.9 7.2 10.8#

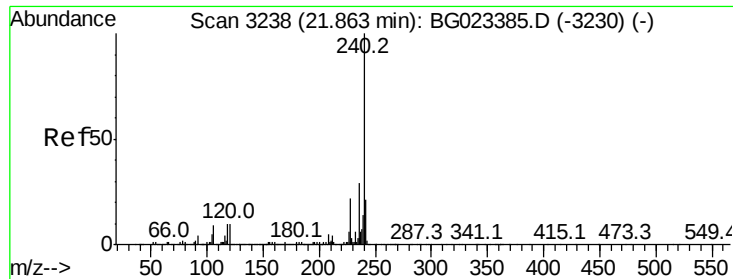


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.84 min Scan# 3234

Delta R.T. -0.03 min

Lab File: BG023855.D

Acq: 23 Aug 2016 16:16

Instrument :

BNA_G

ClientSampleId :

VITALEFILL-MCMPH3-4

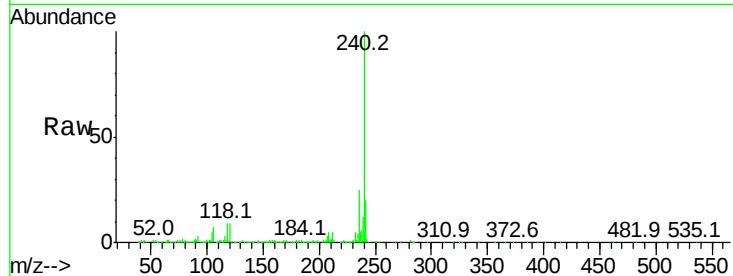
Tot Ion:240 Resp: 716258

Ion Ratio Lower Upper

240 100

120 8.7 4.1 6.1#

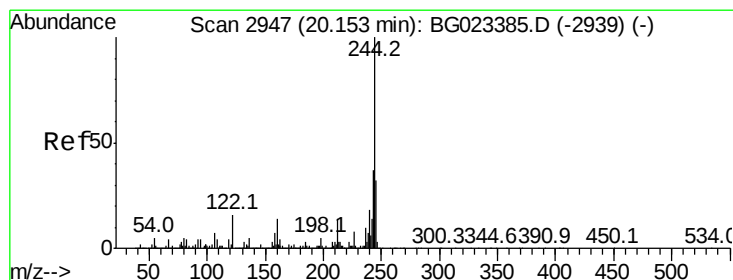
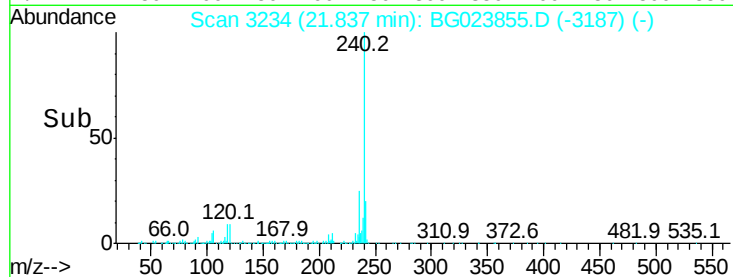
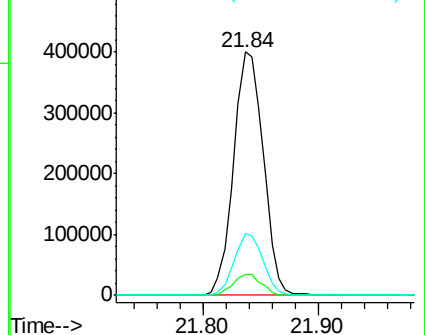
236 25.3 21.1 31.7



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: 66.32 ng

RT: 20.13 min Scan# 2944

Delta R.T. -0.02 min

Lab File: BG023855.D

Acq: 23 Aug 2016 16:16

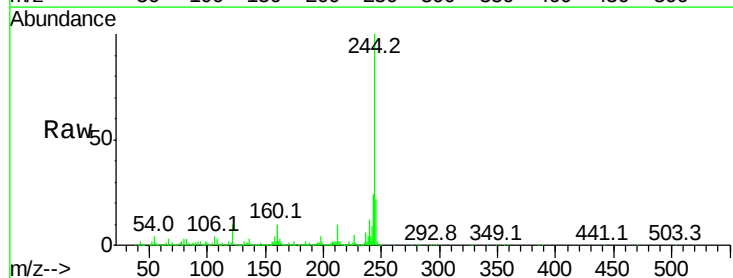
Tgt Ion:244 Resp: 1614210

Ion Ratio Lower Upper

244 100

212 10.0 10.8 16.2#

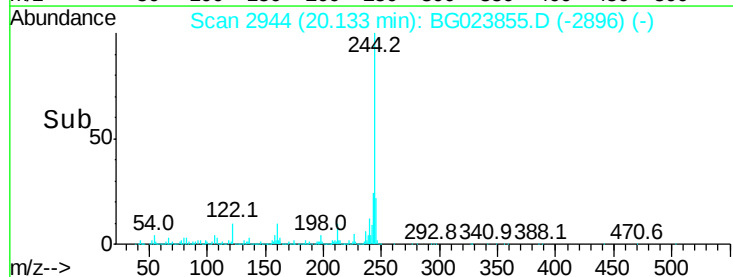
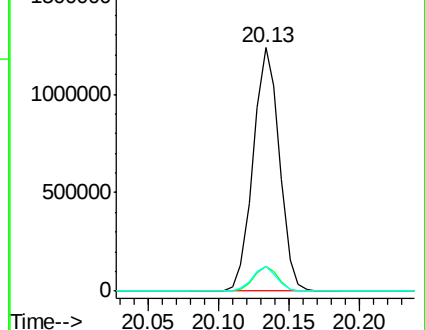
122 10.3 8.0 12.0

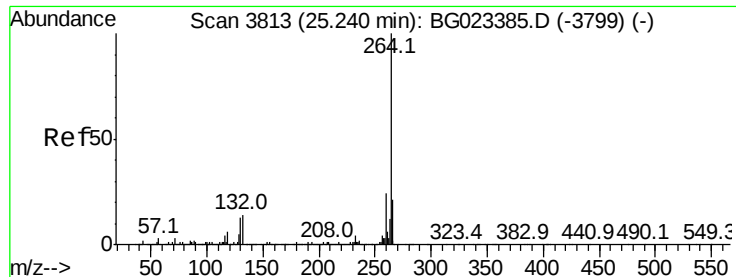


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

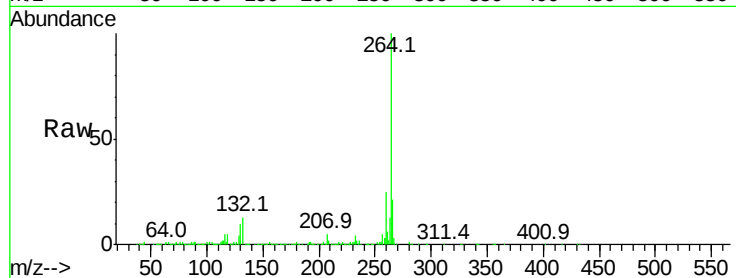




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.22 min Scan# 3810
Delta R.T. -0.02 min
Lab File: BG023855.D
Acq: 23 Aug 2016 16:16

Instrument :
BNA_G
ClientSampleId :
VITALEFILL-MCMPH3-4

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.4	27.6
265	21.5	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

