

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121315\
 Data File : BG020138.D
 Acq On : 13 Dec 2015 10:47
 Operator : UM/SJ
 Sample : G4772-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-7A

Quant Time: Dec 14 01:27:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

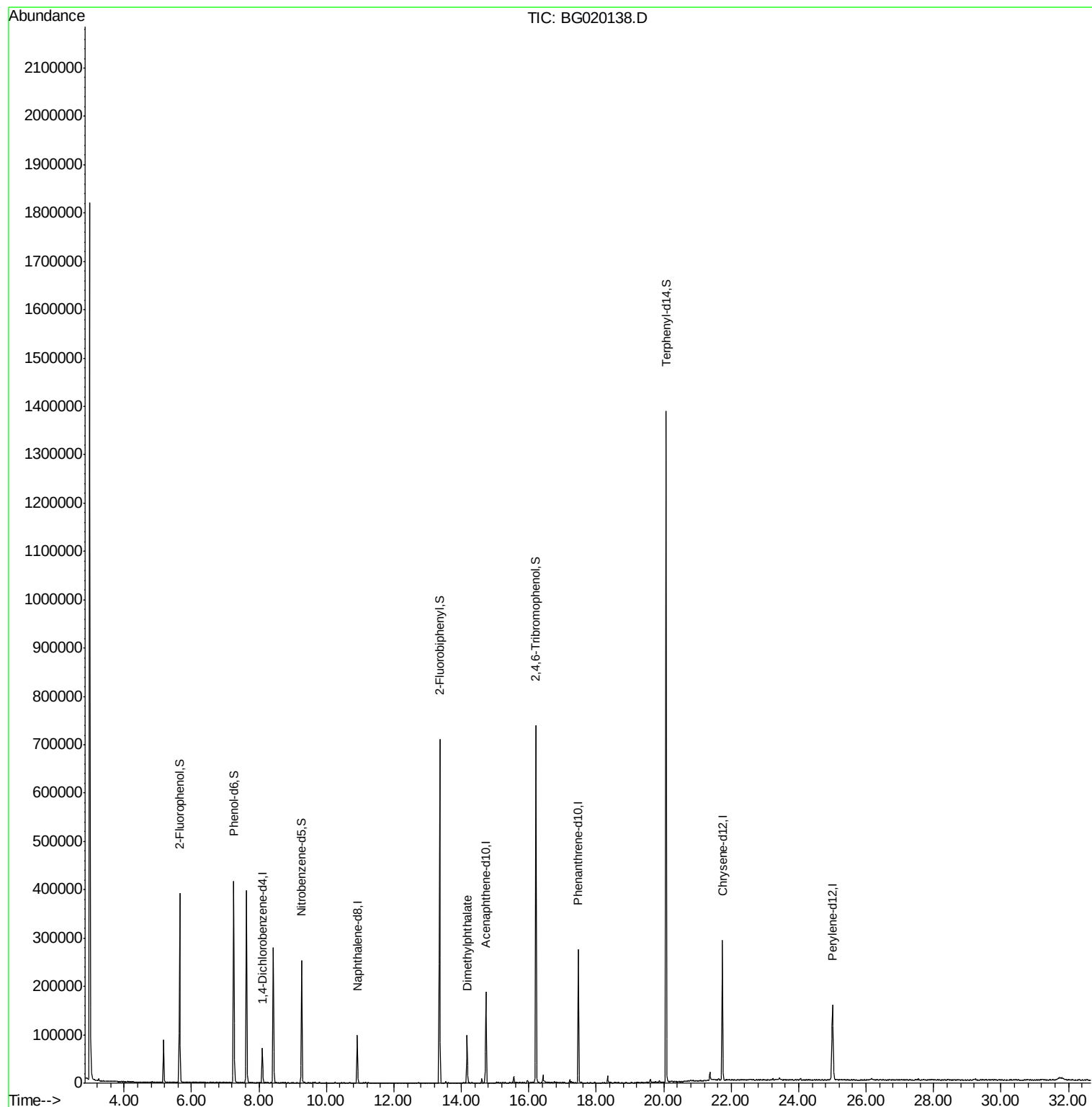
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	20481	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	85770	20.00	ng	-0.04
38) Acenaphthene-d10	14.72	164	65429	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	171154	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	188993	20.00	ng	-0.05
86) Perylene-d12	25.01	264	172455	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	160633	141.75	ng	-0.02
7) Phenol-d6	7.25	99	238838	139.59	ng	-0.02
23) Nitrobenzene-d5	9.27	82	153436	91.30	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	138150	138.00	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	371522	77.53	ng	-0.04
78) Terphenyl-d14	20.07	244	622761	80.37	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.17	163	64672	10.99	ng	Qvalue 100

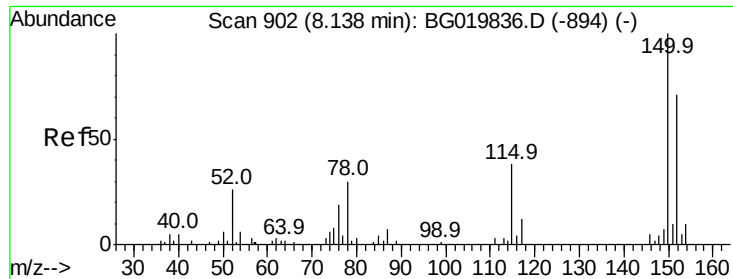
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-7A

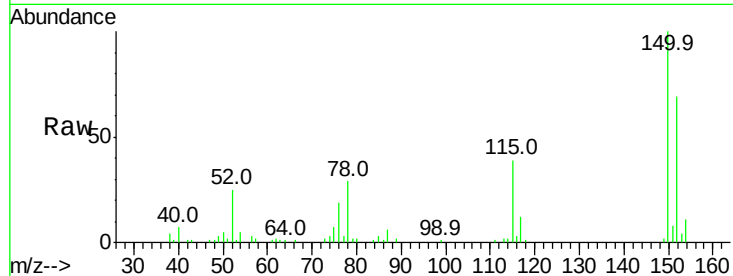
Tot Ion:152 Resp: 20481

Ion Ratio Lower Upper

152 100

150 145.1 115.0 172.4

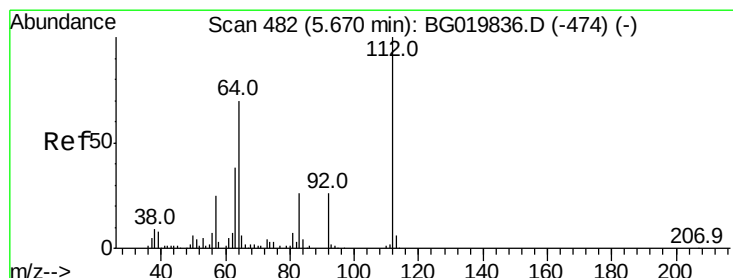
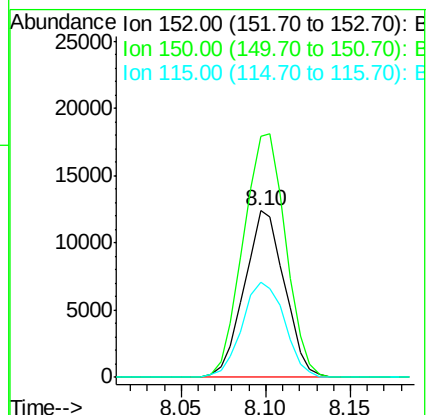
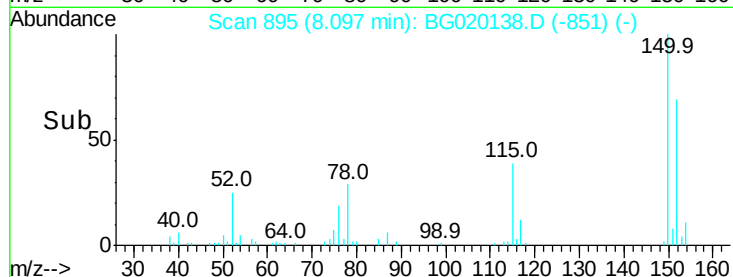
115 57.2 43.9 65.9



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: 141.75 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

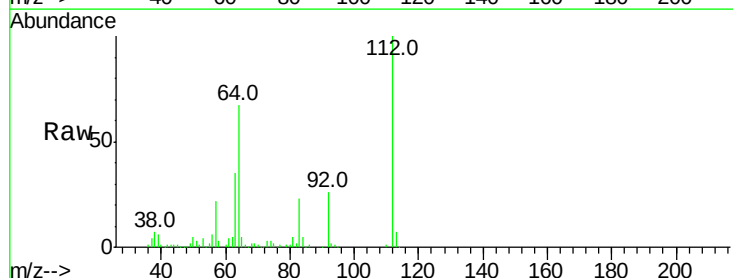
Tgt Ion:112 Resp: 160633

Ion Ratio Lower Upper

112 100

64 67.5 43.7 65.5#

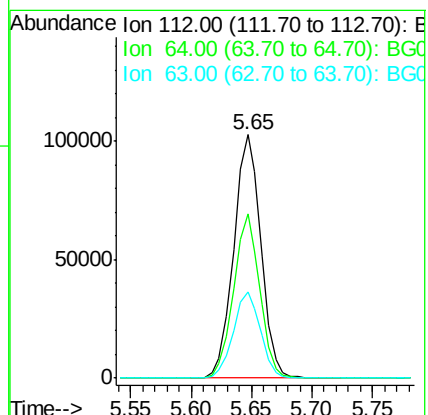
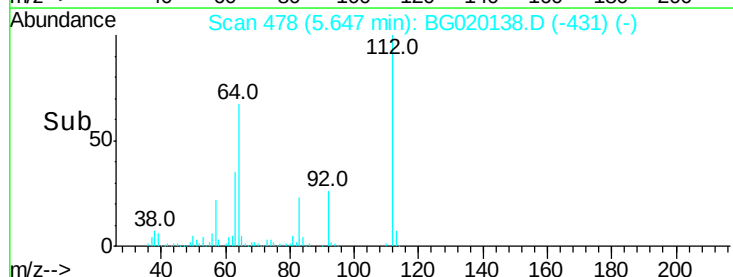
63 35.2 24.0 36.0

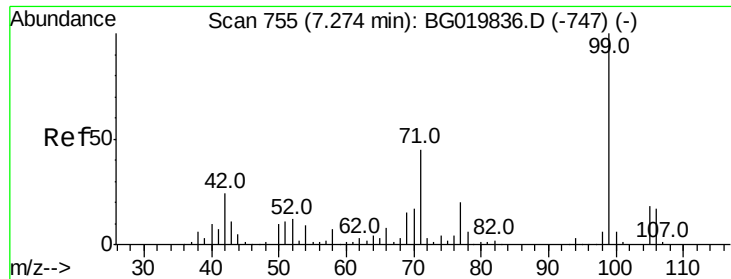


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 139.59 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-7A

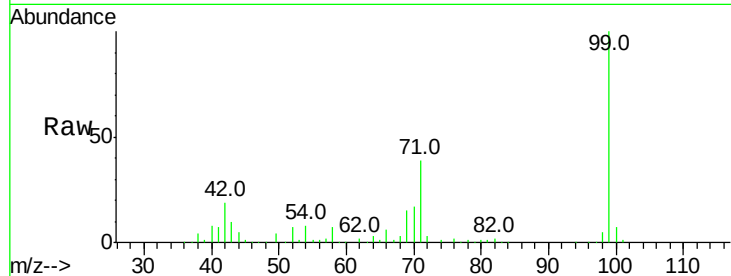
Tot Ion: 99 Resp: 238838

Ion Ratio Lower Upper

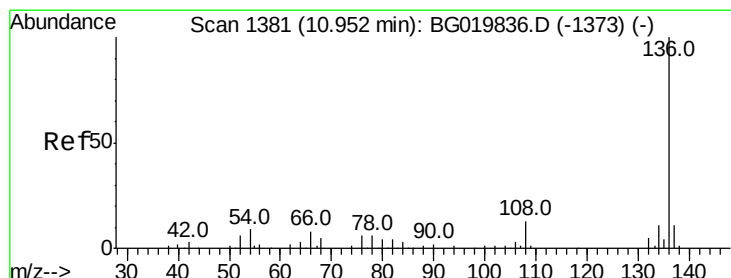
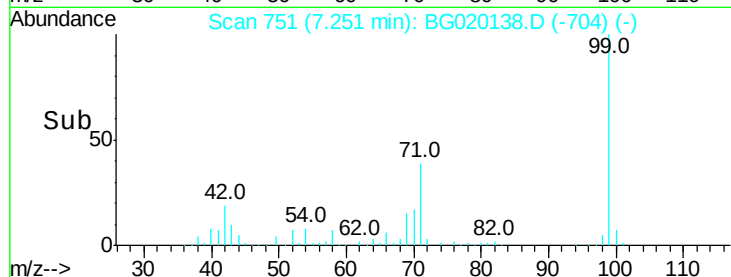
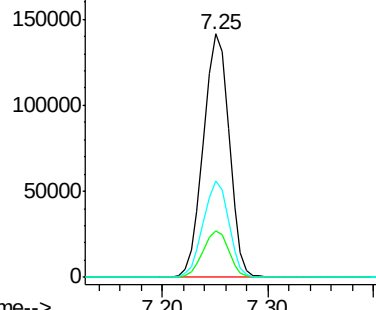
99 100

42 19.3 11.5 17.3#

71 39.4 22.6 34.0#



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# 1375

Delta R.T. -0.04 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

Tgt Ion: 136 Resp: 85770

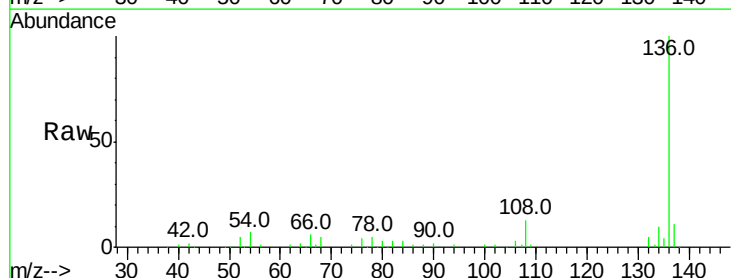
Ion Ratio Lower Upper

136 100

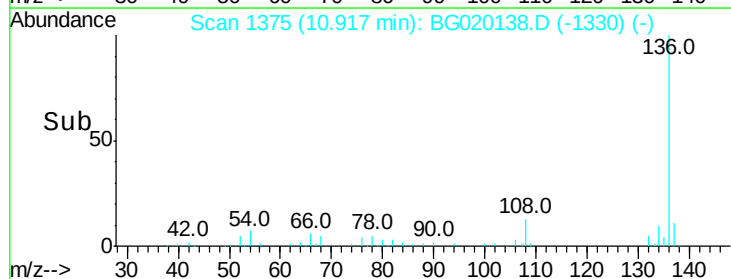
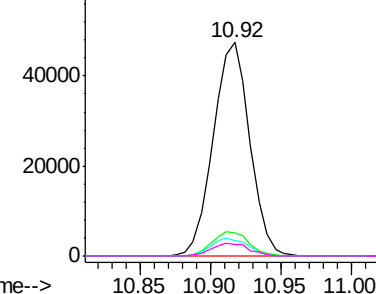
137 11.0 8.6 12.8

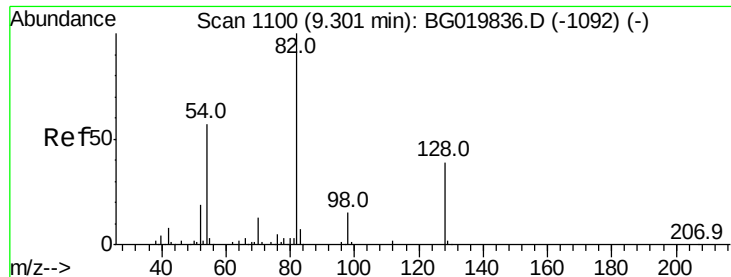
54 7.1 5.4 8.2

68 5.4 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

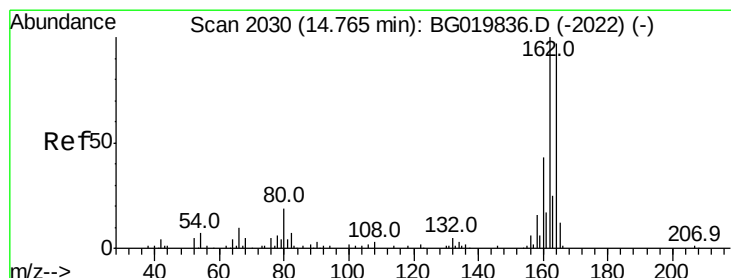
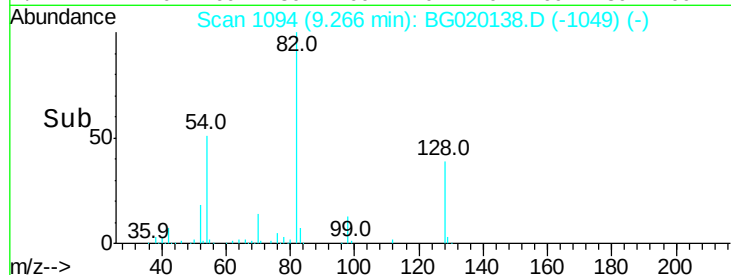
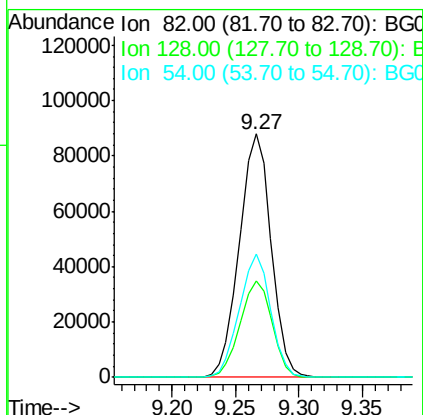
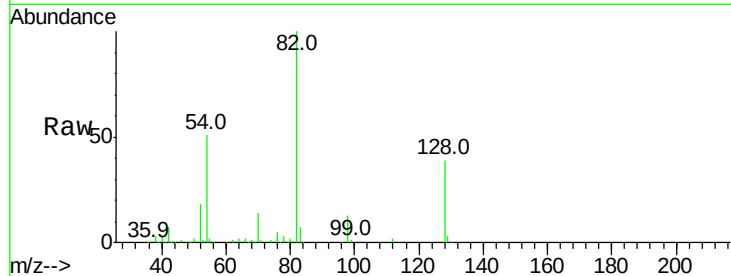




#23
Nitrobenzene-d5
Concen: 91.30 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020138.D
Acq: 13 Dec 2015 10:47

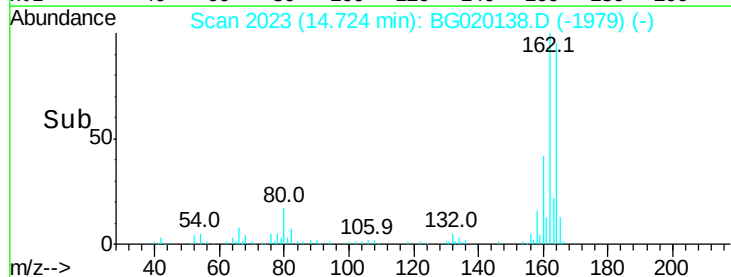
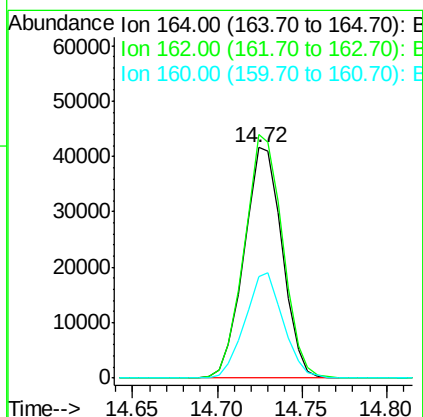
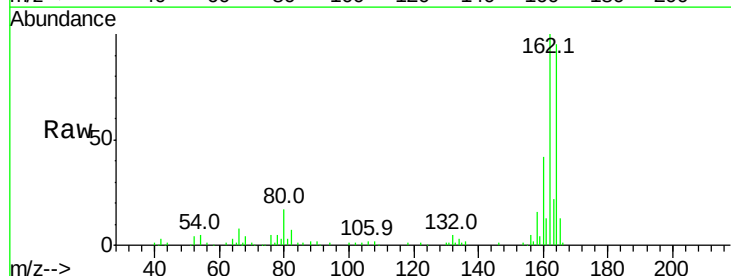
Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-7A

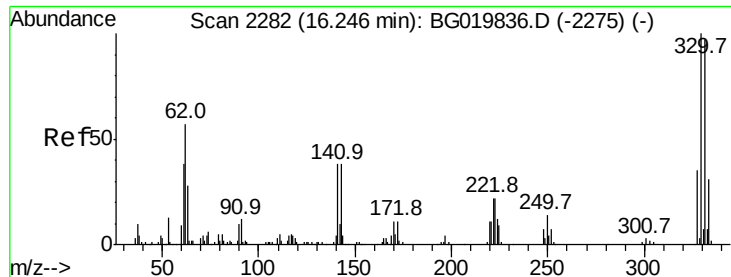
Tot Ion: 82 Resp: 153436
Ion Ratio Lower Upper
82 100
128 39.4 36.7 55.1
54 50.9 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BG020138.D
Acq: 13 Dec 2015 10:47

Tgt Ion: 164 Resp: 65429
Ion Ratio Lower Upper
164 100
162 105.6 78.8 118.2
160 44.2 36.4 54.6





#41

2,4,6-Tribromophenol

Concen: 138.00 ng

RT: 16.21 min Scan# 2276

Delta R.T. -0.03 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-7A

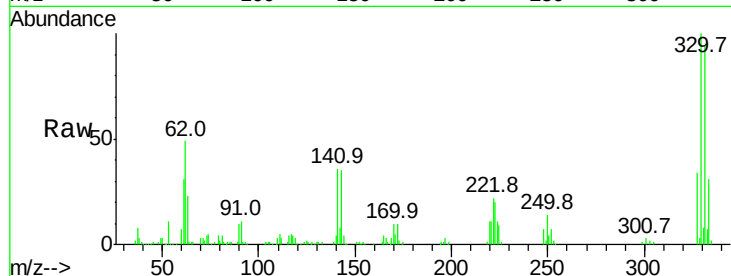
Tot Ion:330 Resp: 138150

Ion Ratio Lower Upper

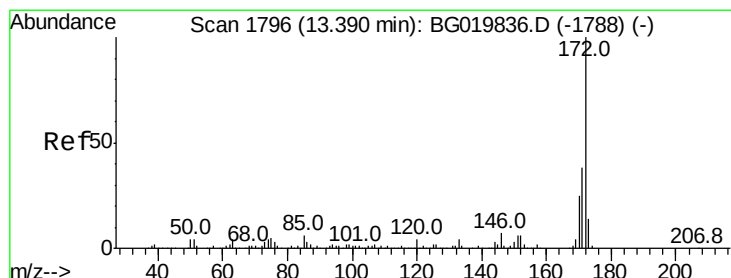
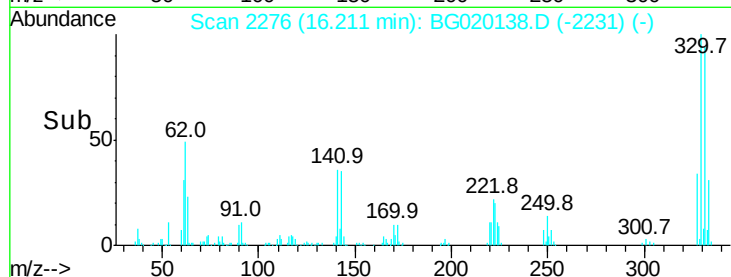
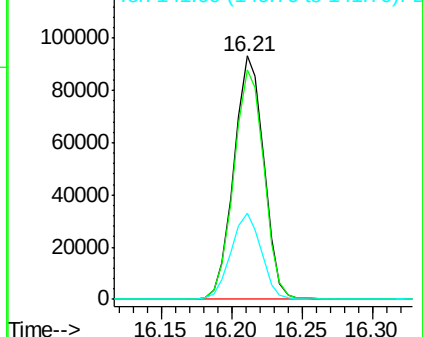
330 100

332 95.0 78.1 117.1

141 35.4 28.2 42.2



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: 77.53 ng

RT: 13.36 min Scan# 1790

Delta R.T. -0.04 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

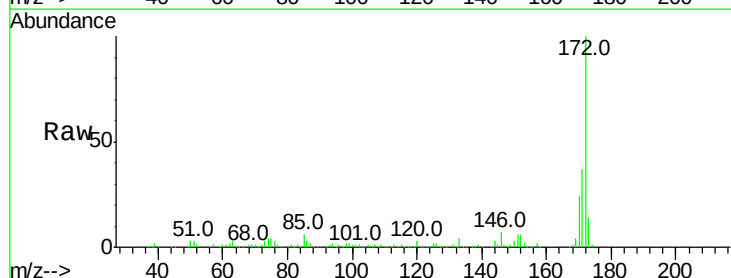
Tgt Ion:172 Resp: 371522

Ion Ratio Lower Upper

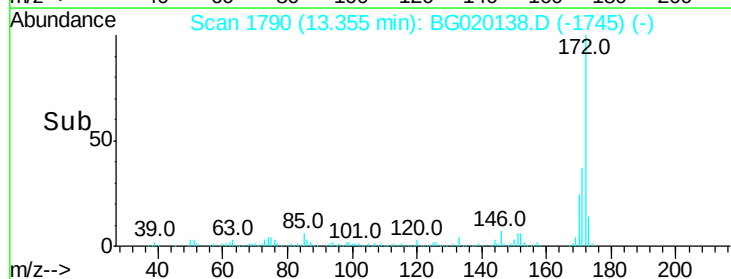
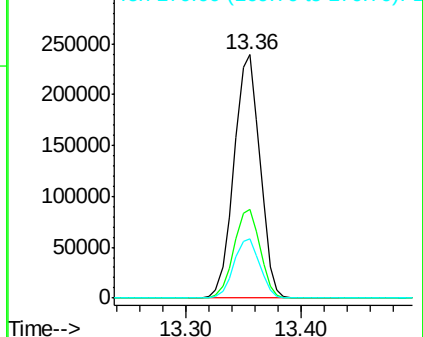
172 100

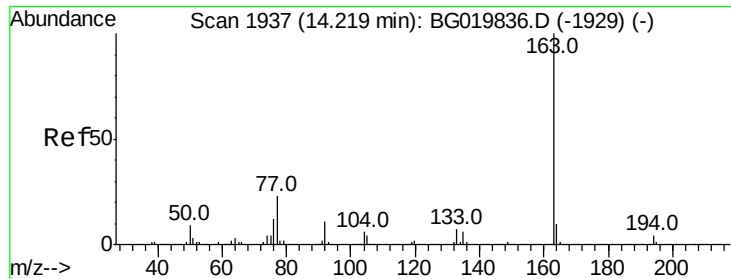
171 36.7 29.0 43.6

170 24.5 19.9 29.9



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: 10.99 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.05 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-7A

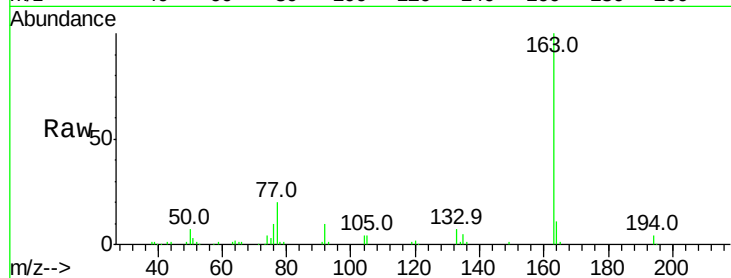
Tot Ion:163 Resp: 64672

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

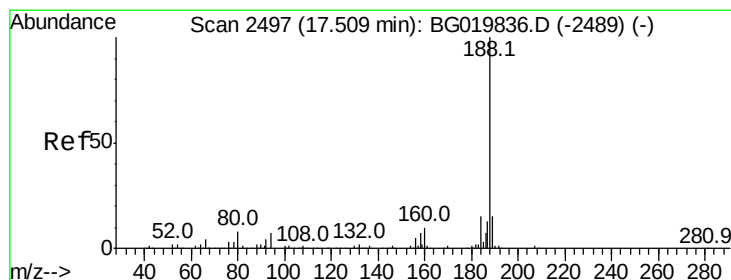
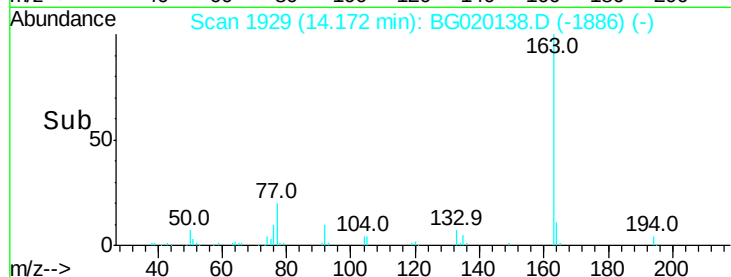
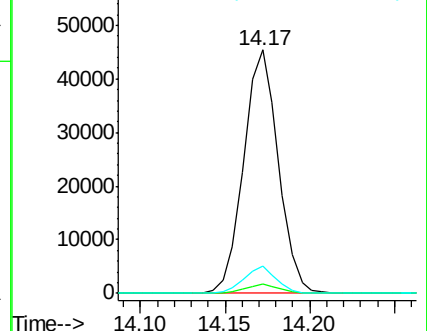
164 11.1 8.8 13.2



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: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

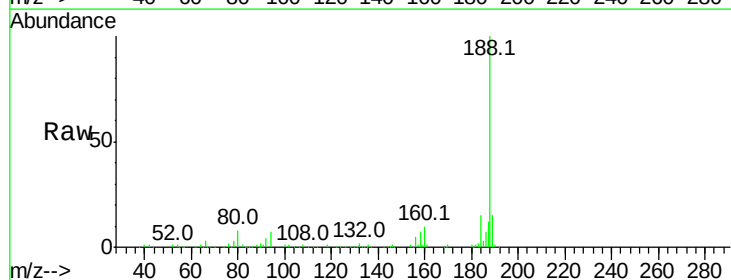
Tgt Ion:188 Resp: 171154

Ion Ratio Lower Upper

188 100

94 6.7 7.7 11.5#

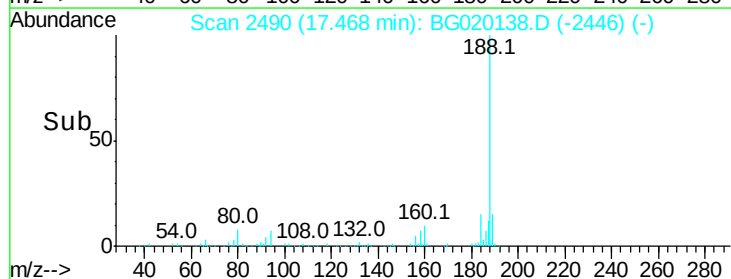
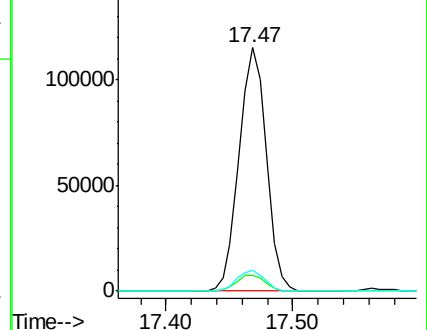
80 8.4 7.8 11.8

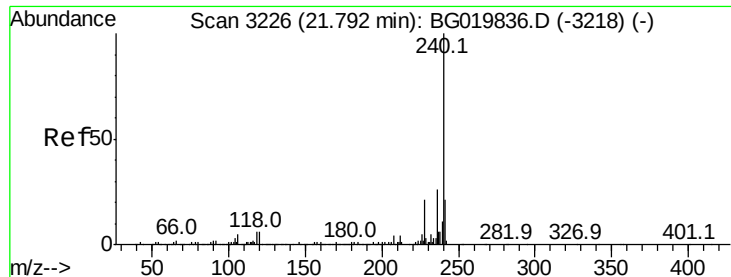


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-7A

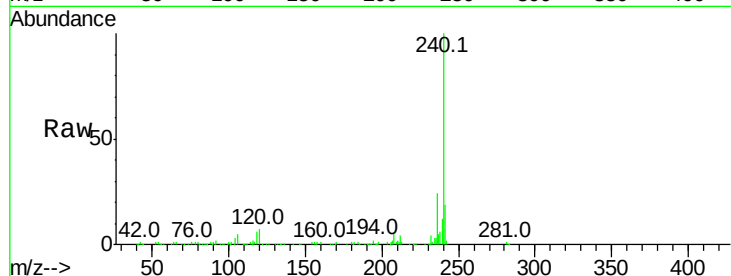
Tot Ion:240 Resp: 188993

Ion Ratio Lower Upper

240 100

120 6.7 7.4 11.0#

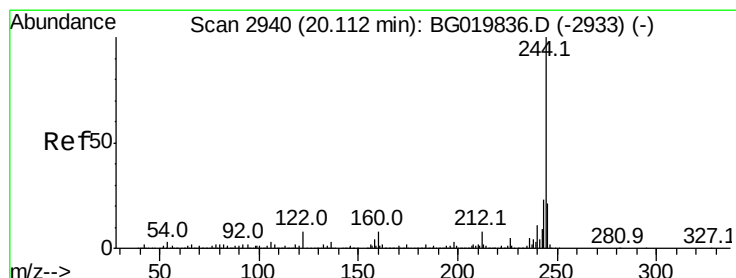
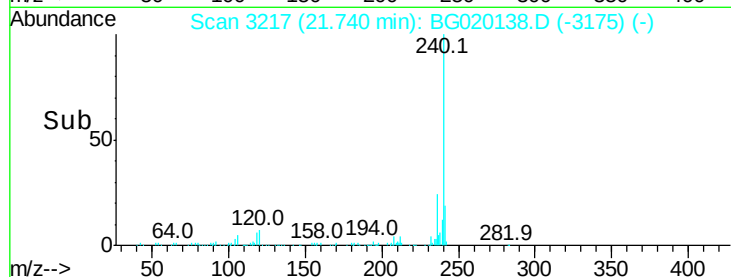
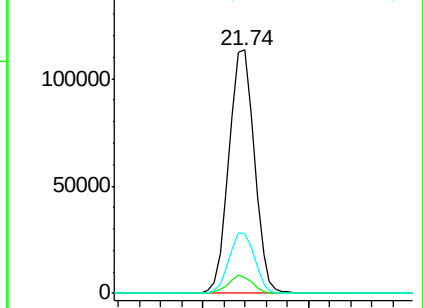
236 24.4 20.7 31.1



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: 80.37 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020138.D

Acq: 13 Dec 2015 10:47

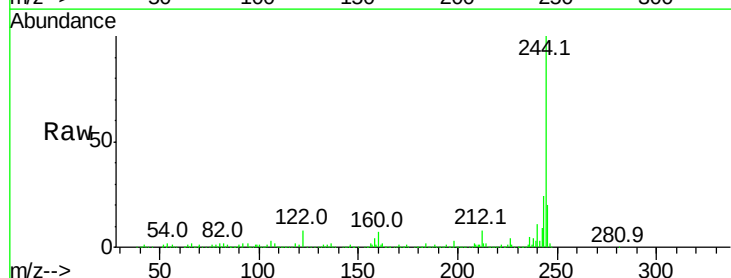
Tgt Ion:244 Resp: 622761

Ion Ratio Lower Upper

244 100

212 8.2 6.9 10.3

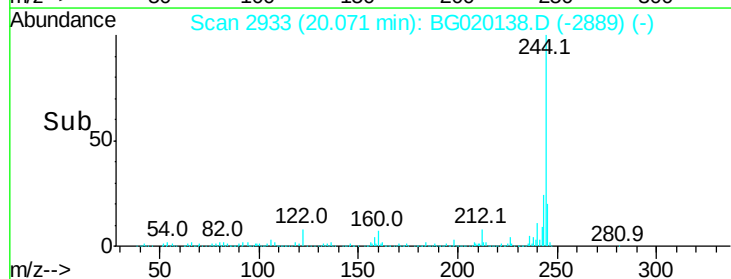
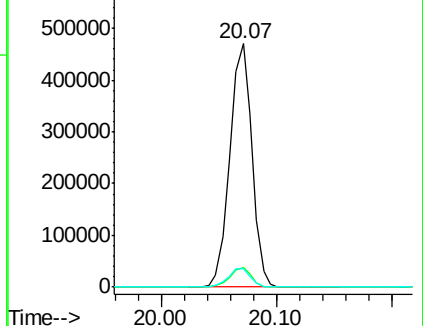
122 7.7 10.2 15.2#

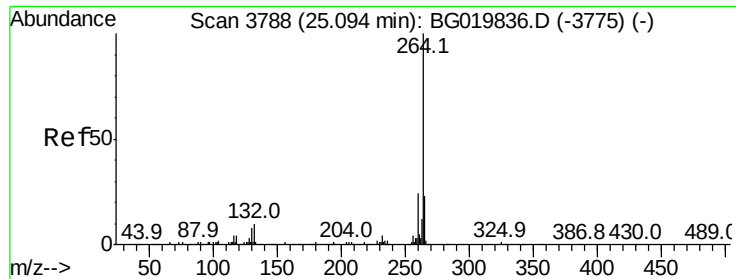


Abundance Ion 244.00 (243.70 to 244.70): E

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: 25.01 min Scan# 3773
Delta R.T. -0.09 min
Lab File: BG020138.D
Acq: 13 Dec 2015 10:47

Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-7A

Tot Ion:	264	Resp:	172455
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.5	27.7
265	20.7	17.2	25.8

