

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020134.D
 Acq On : 12 Dec 2015 9:07
 Operator : UM/SJ
 Sample : G4772-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-4A

Quant Time: Dec 14 01:00:59 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

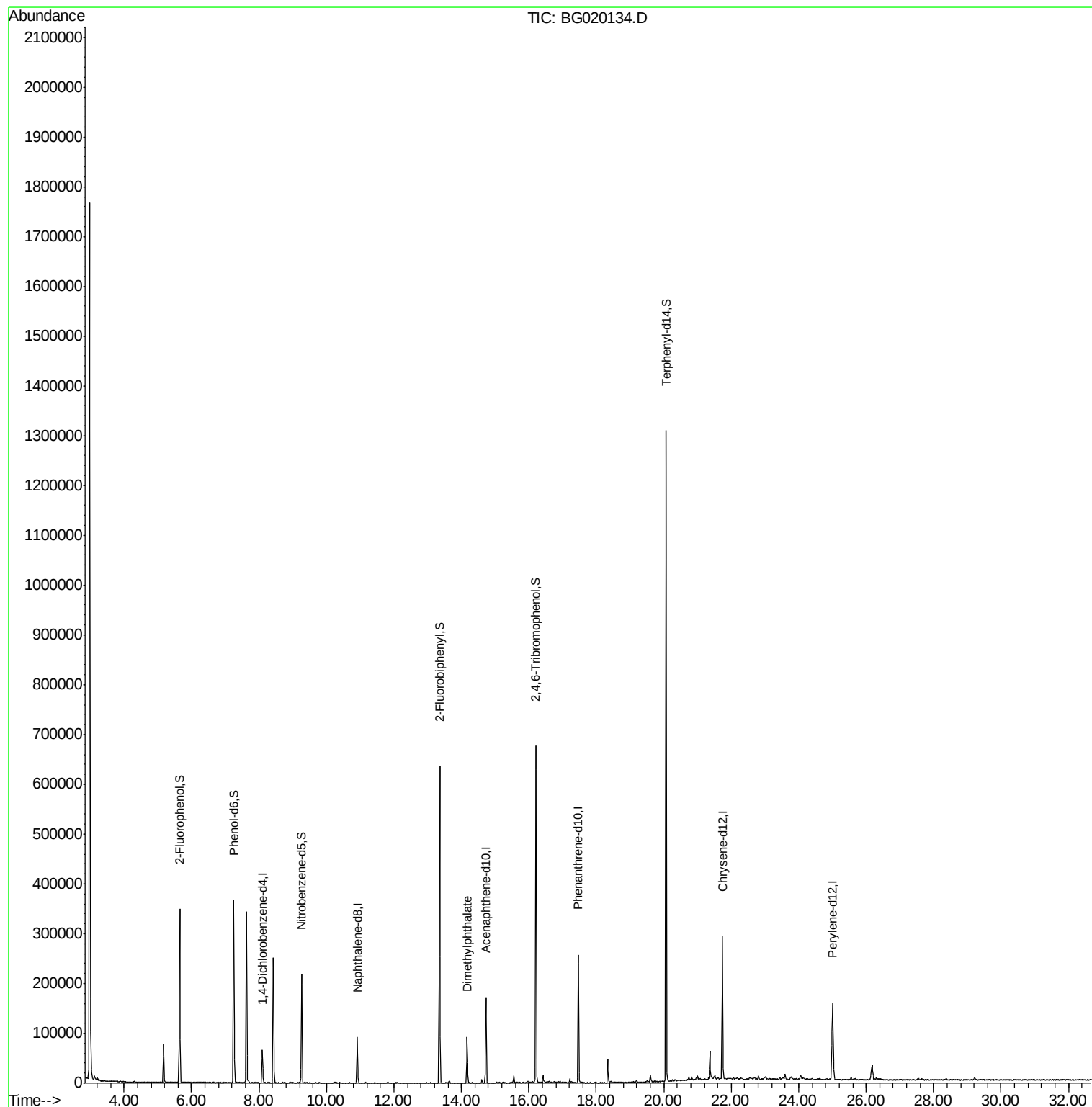
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	19071	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	79106	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	59466	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	162744	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179447	20.00	ng	-0.05
86) Perylene-d12	25.01	264	164938	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	142054	134.62	ng	-0.02
7) Phenol-d6	7.25	99	210524	132.14	ng	-0.02
23) Nitrobenzene-d5	9.26	82	133782	86.31	ng	-0.04
41) 2,4,6-Tribromophenol	16.21	330	128905	141.67	ng	-0.04
44) 2-Fluorobiphenyl	13.35	172	333294	76.53	ng	-0.04
78) Terphenyl-d14	20.07	244	586619	79.74	ng	-0.04
Target Compounds						Qvalue
49) Dimethylphthalate	14.17	163	59722	11.16	ng	98

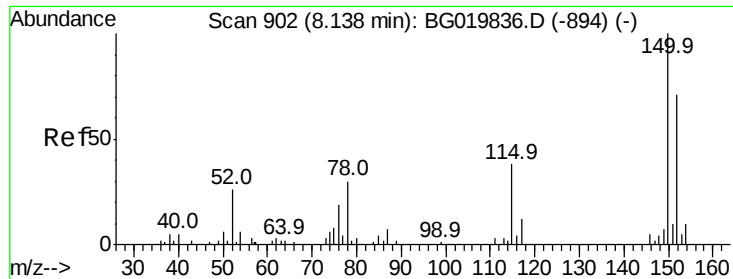
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.04 min

Lab File: BG020134.D

Acq: 12 Dec 2015 9:07

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-4A

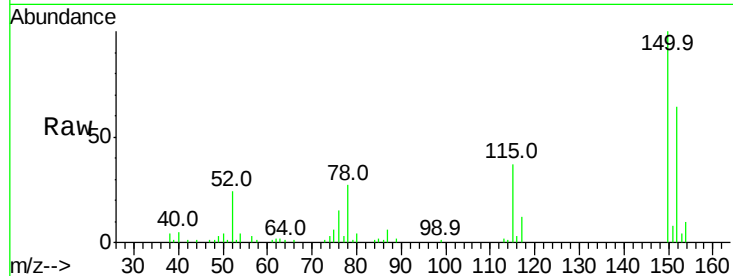
Tot Ion:152 Resp: 19071

Ion Ratio Lower Upper

152 100

150 156.5 115.0 172.4

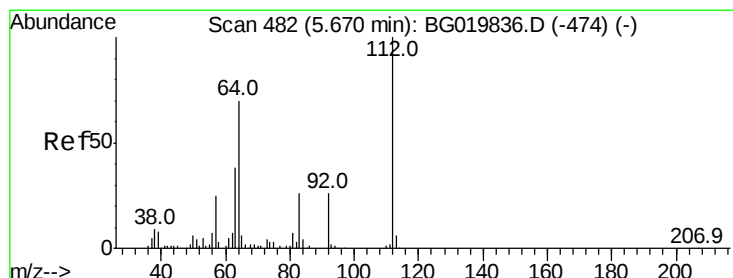
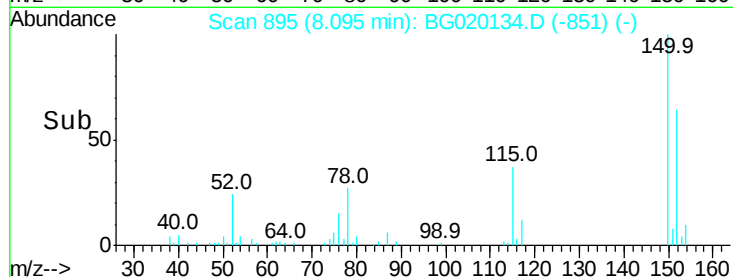
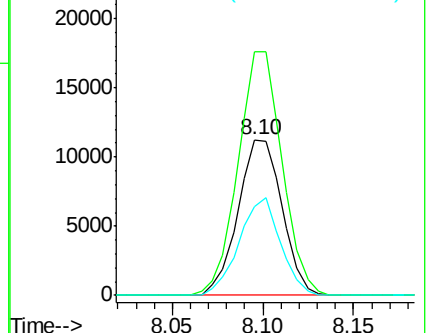
115 57.2 43.9 65.9



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: 134.62 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020134.D

Acq: 12 Dec 2015 9:07

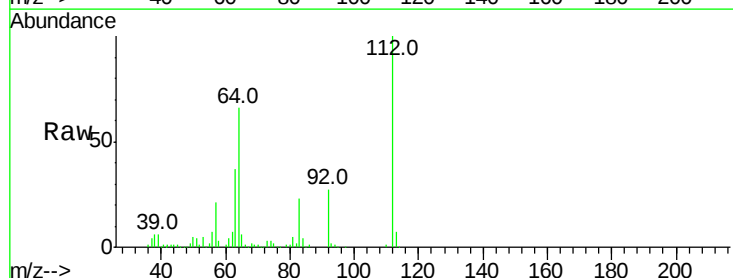
Tgt Ion:112 Resp: 142054

Ion Ratio Lower Upper

112 100

64 65.7 43.7 65.5#

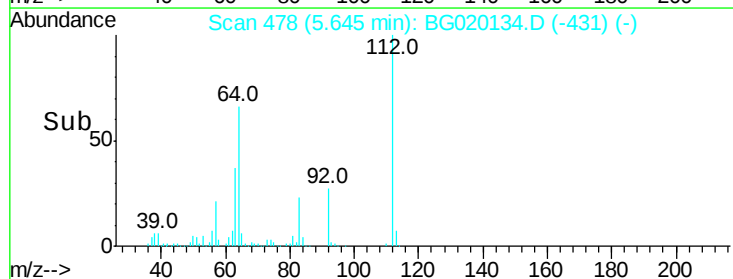
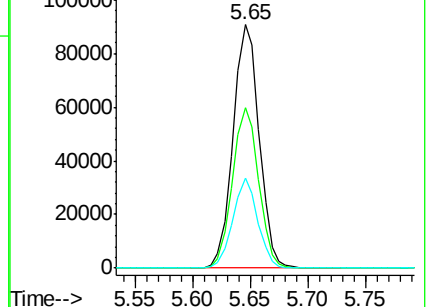
63 37.1 24.0 36.0#

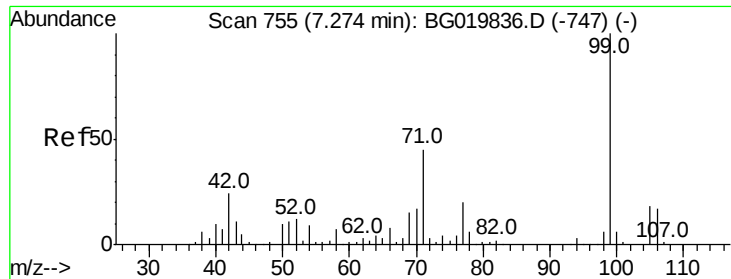


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 132.14 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020134.D

Acq: 12 Dec 2015 9:07

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-4A

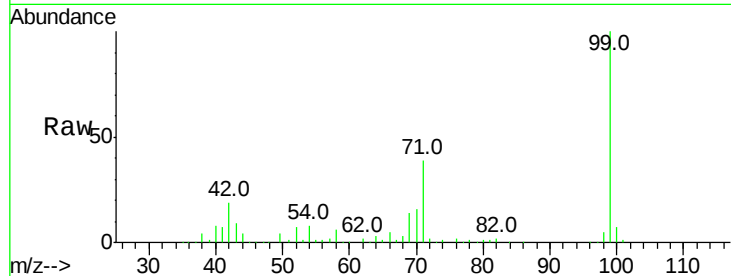
Tot Ion: 99 Resp: 210524

Ion Ratio Lower Upper

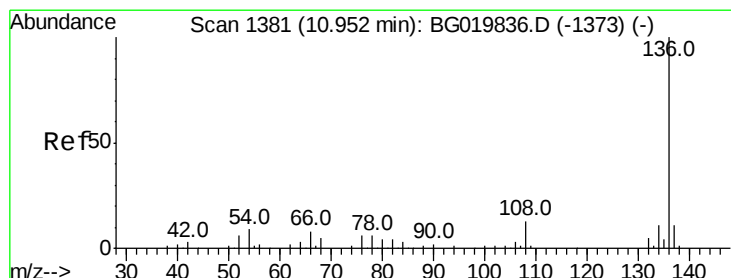
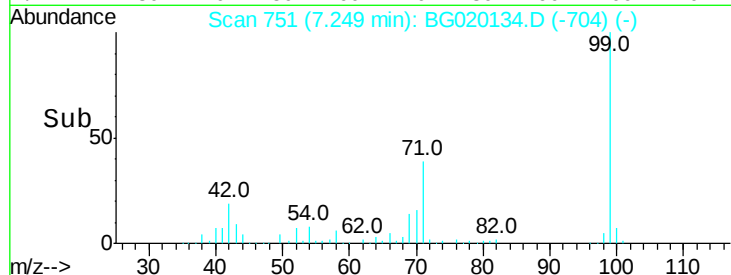
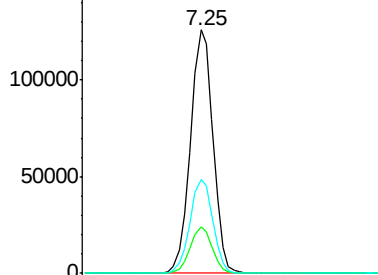
99 100

42 19.1 11.5 17.3#

71 38.7 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: BG020134.D

Acq: 12 Dec 2015 9:07

Tgt Ion: 136 Resp: 79106

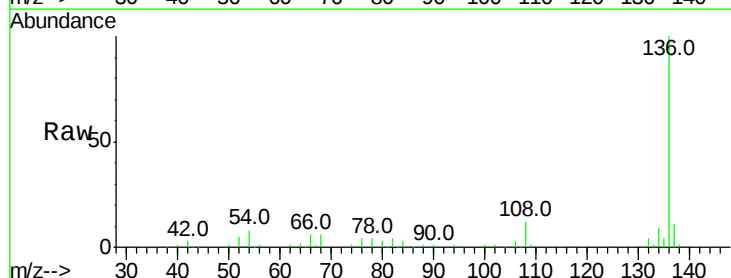
Ion Ratio Lower Upper

136 100

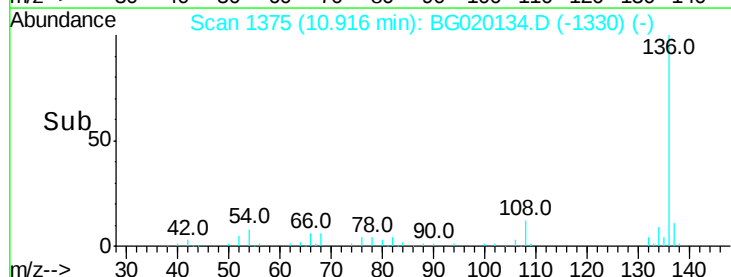
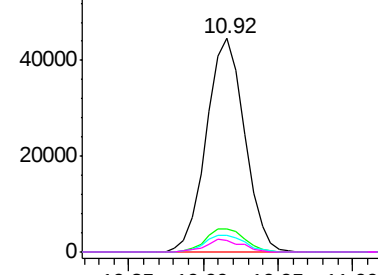
137 10.5 8.6 12.8

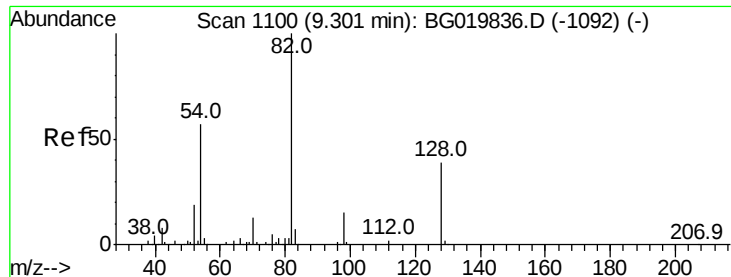
54 7.9 5.4 8.2

68 5.7 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

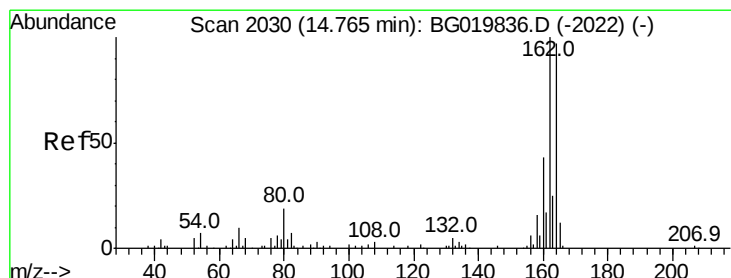
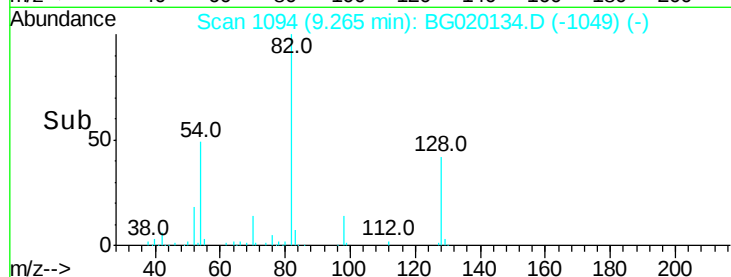
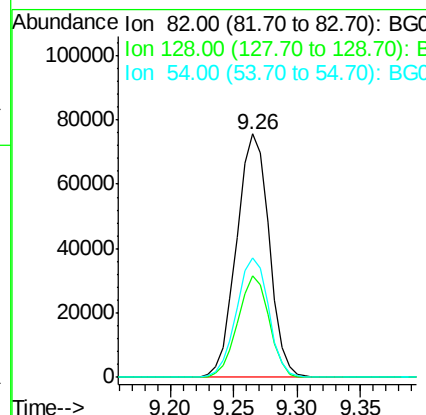
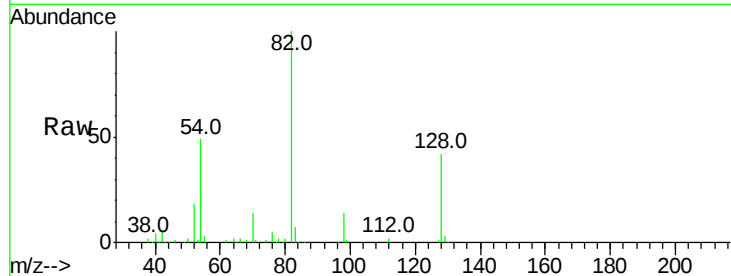




#23
Nitrobenzene-d5
Concen: 86.31 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020134.D
Acq: 12 Dec 2015 9:07

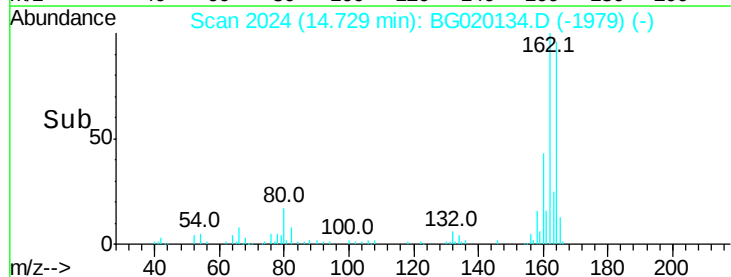
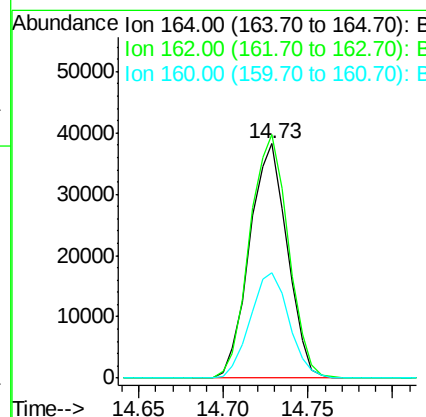
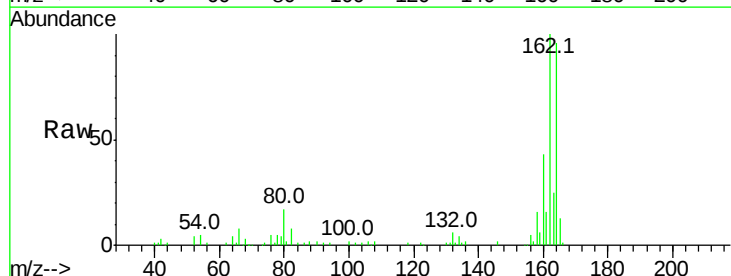
Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-4A

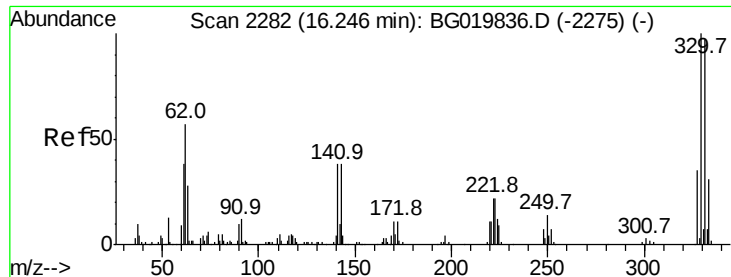
Tot Ion: 82 Resp: 133782
Ion Ratio Lower Upper
82 100
128 41.9 36.7 55.1
54 49.3 33.8 50.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020134.D
Acq: 12 Dec 2015 9:07

Tgt Ion: 164 Resp: 59466
Ion Ratio Lower Upper
164 100
162 104.0 78.8 118.2
160 45.1 36.4 54.6

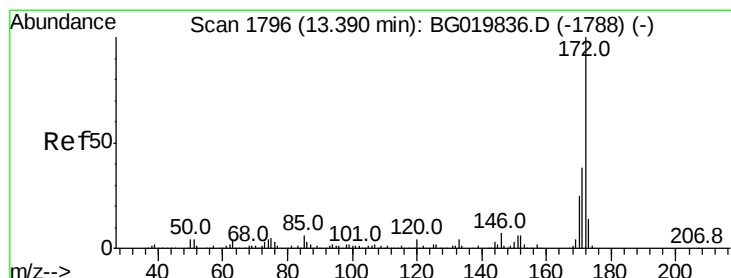
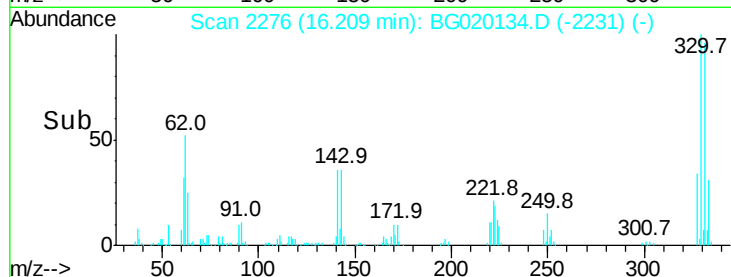
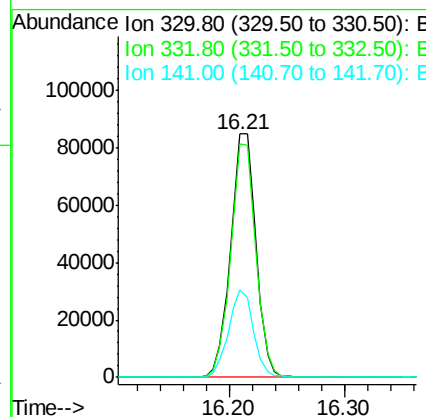
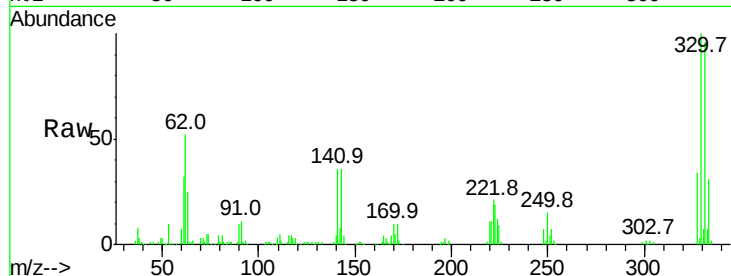




#41
 2,4,6-Tribromophenol
 Concen: 141.67 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.04 min
 Lab File: BG020134.D
 Acq: 12 Dec 2015 9:07

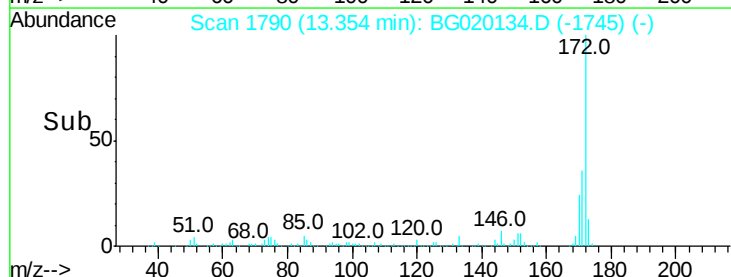
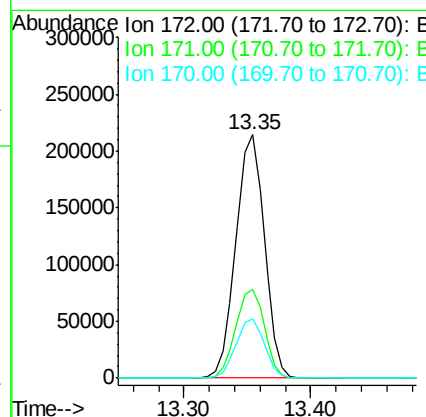
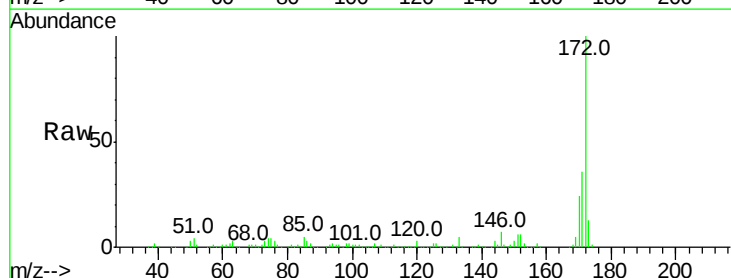
Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-4A

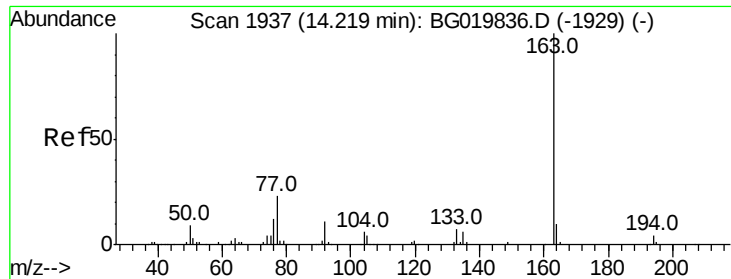
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	78.1	117.1
141	35.3	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 76.53 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020134.D
 Acq: 12 Dec 2015 9:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	24.1	19.9	29.9





#49

Dimethylphthalate

Concen: 11.16 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.05 min

Lab File: BG020134.D

Acq: 12 Dec 2015 9:07

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-4A

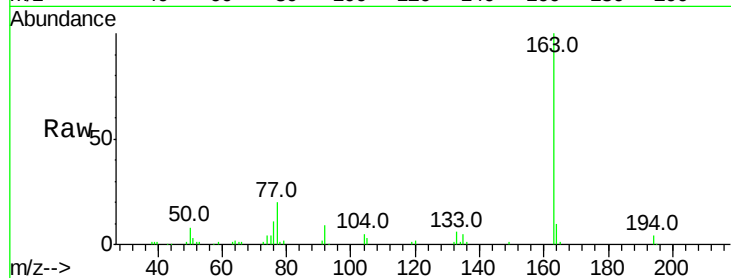
Tot Ion:163 Resp: 59722

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

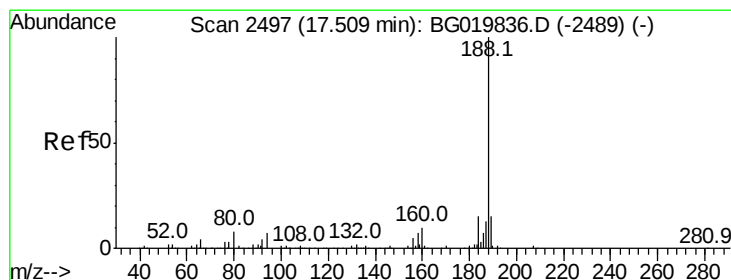
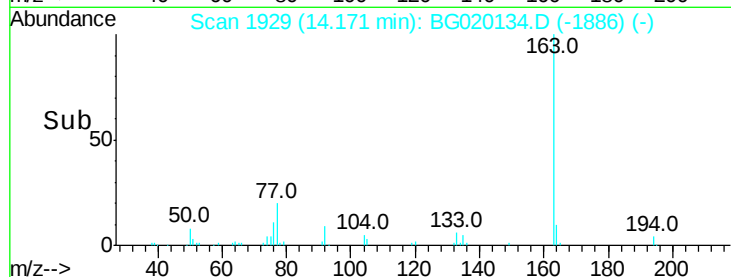
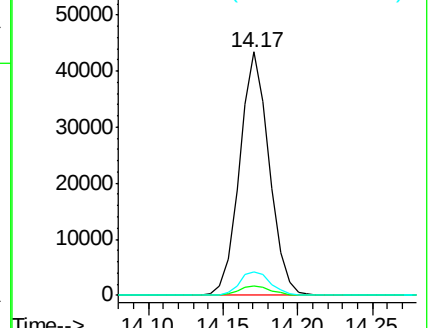
164 9.8 8.8 13.2



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: BG020134.D

Acq: 12 Dec 2015 9:07

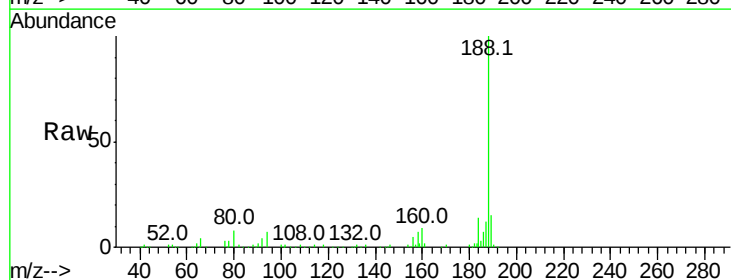
Tgt Ion:188 Resp: 162744

Ion Ratio Lower Upper

188 100

94 6.8 7.7 11.5#

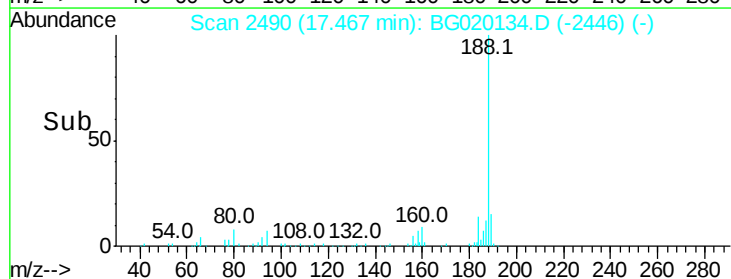
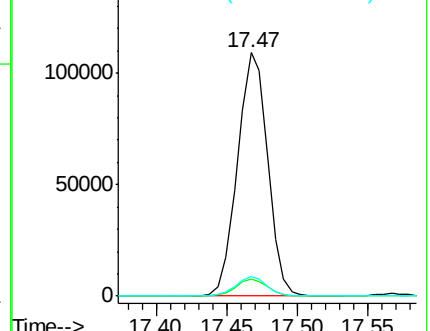
80 8.2 7.8 11.8

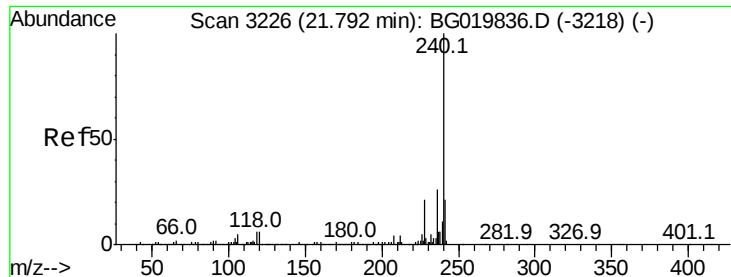


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020134.D

Acq: 12 Dec 2015 9:07

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-4A

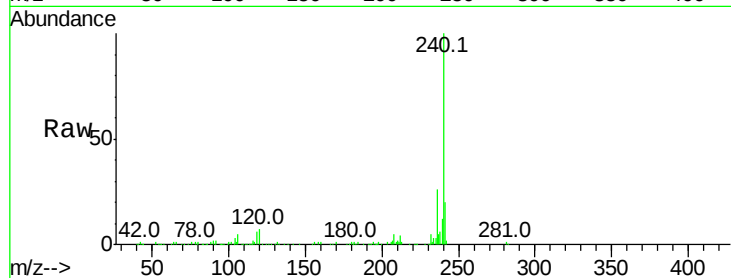
Tot Ion:240 Resp: 179447

Ion Ratio Lower Upper

240 100

120 6.7 7.4 11.0#

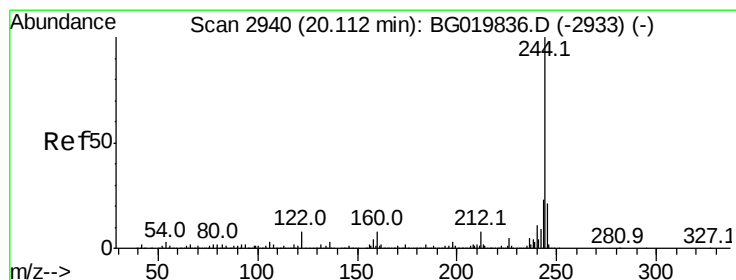
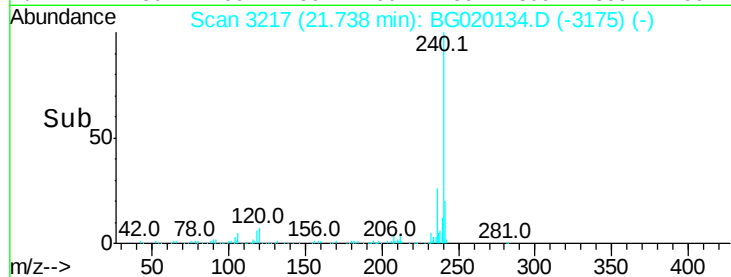
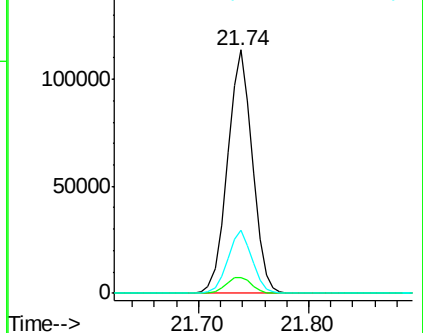
236 25.7 20.7 31.1



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: 79.74 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020134.D

Acq: 12 Dec 2015 9:07

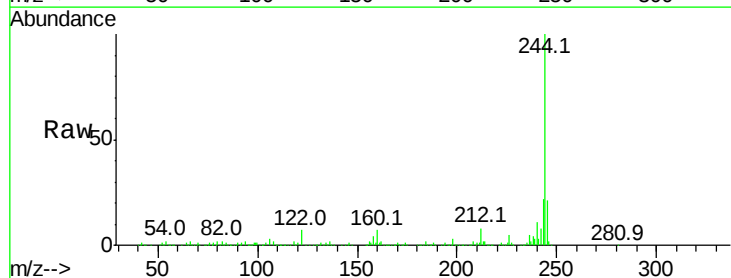
Tgt Ion:244 Resp: 586619

Ion Ratio Lower Upper

244 100

212 7.6 6.9 10.3

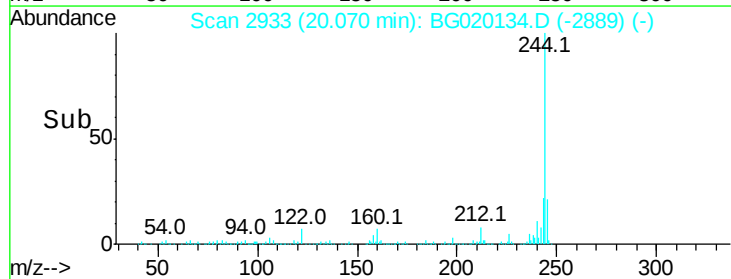
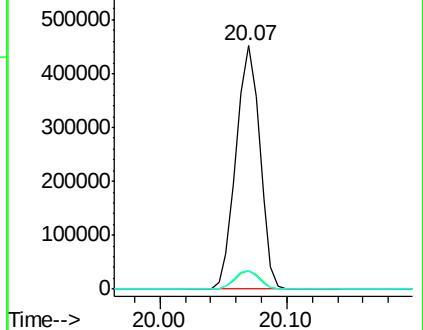
122 7.5 10.2 15.2#

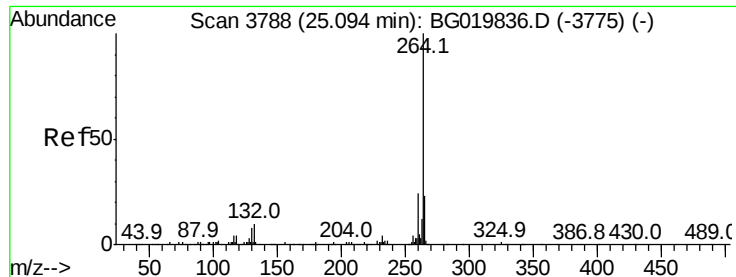


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG020134.D
Acq: 12 Dec 2015 9:07

Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-4A

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.5	27.7
265	21.9	17.2	25.8

