

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020135.D
 Acq On : 12 Dec 2015 9:46
 Operator : UM/SJ
 Sample : G4772-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-5A

Quant Time: Dec 14 01:01:23 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

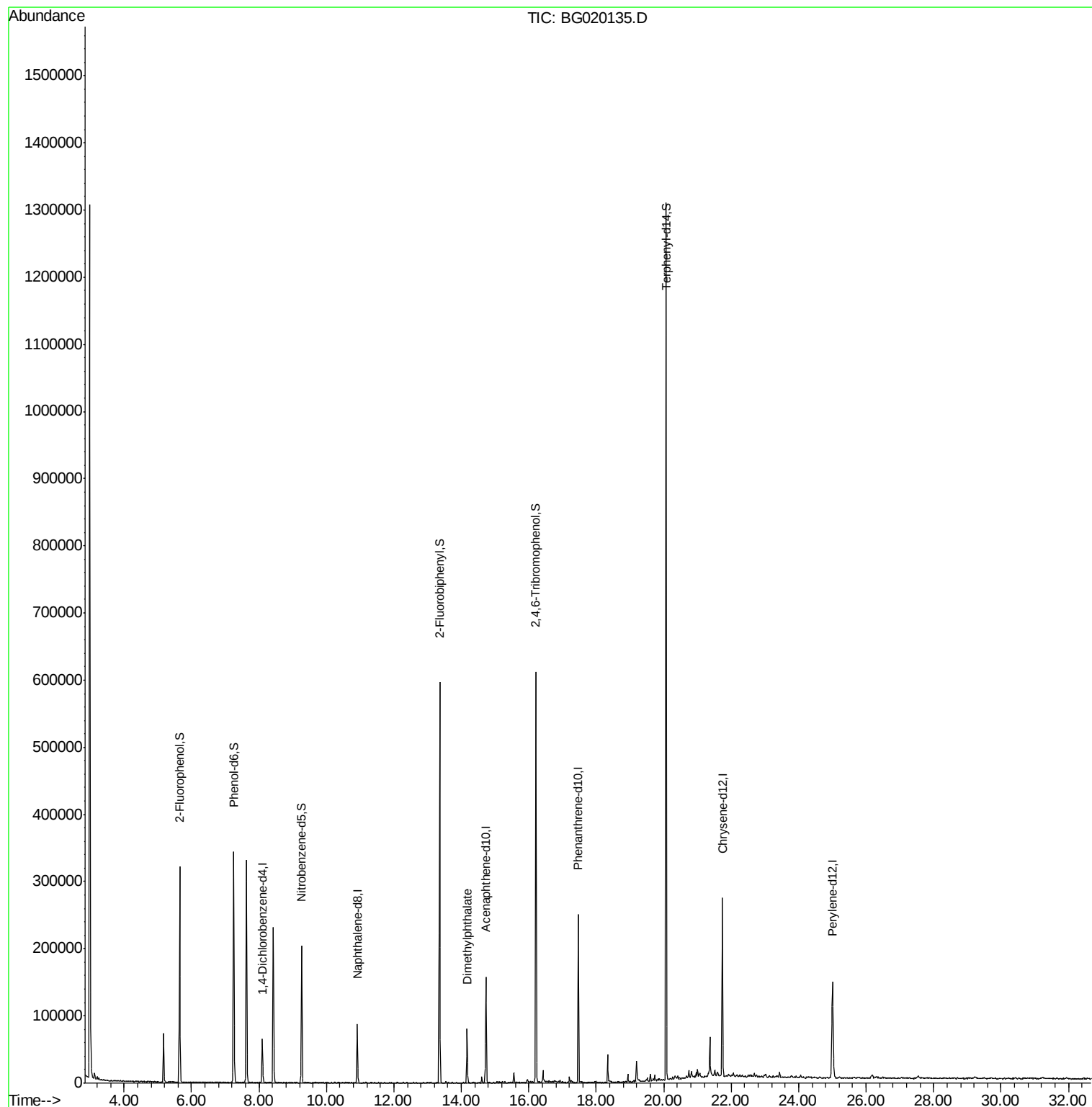
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	18292	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	74889	20.00	ng	-0.04
38) Acenaphthene-d10	14.72	164	57517	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	152873	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	171563	20.00	ng	-0.05
86) Perylene-d12	25.01	264	161842	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	131511	129.94	ng	-0.02
7) Phenol-d6	7.25	99	197437	129.20	ng	-0.02
23) Nitrobenzene-d5	9.27	82	124608	84.92	ng	-0.03
41) 2,4,6-Tribromophenol	16.21	330	114928	130.59	ng	-0.03
44) 2-Fluorobiphenyl	13.36	172	313716	74.47	ng	-0.04
78) Terphenyl-d14	20.07	244	563908	80.17	ng	-0.04
Target Compounds						
49) Dimethylphthalate	14.17	163	50262	9.71	ng	Qvalue 99

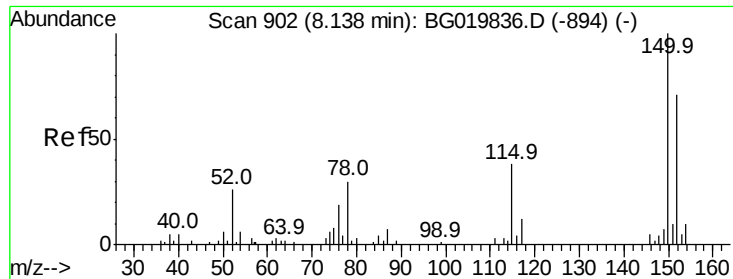
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020135.D

Acq: 12 Dec 2015 9:46

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-5A

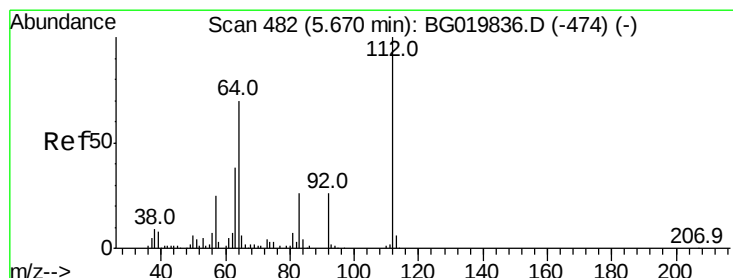
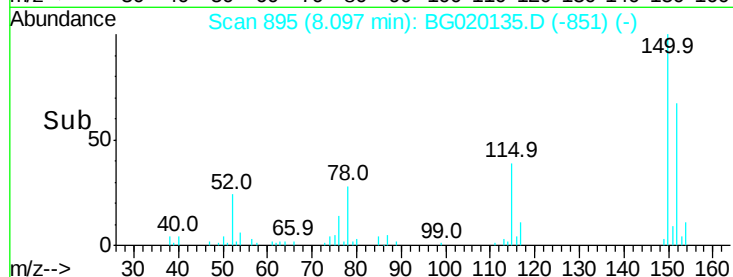
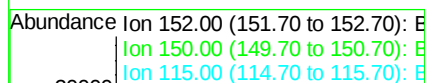
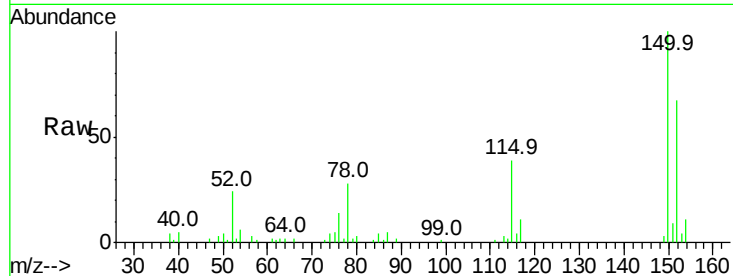
Tot Ion:152 Resp: 18292

Ion Ratio Lower Upper

152 100

150 149.5 115.0 172.4

115 58.8 43.9 65.9



#5

2-Fluorophenol

Concen: 129.94 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020135.D

Acq: 12 Dec 2015 9:46

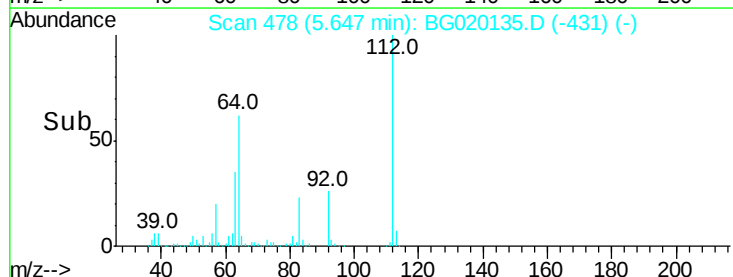
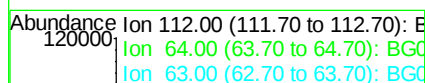
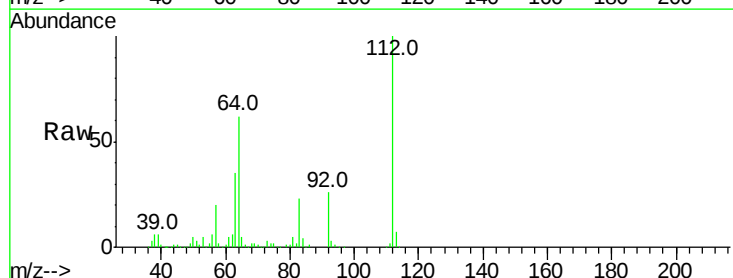
Tgt Ion:112 Resp: 131511

Ion Ratio Lower Upper

112 100

64 62.3 43.7 65.5

63 35.1 24.0 36.0





#7

Phenol-d6

Concen: 129.20 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020135.D

Acq: 12 Dec 2015 9:46

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-5A

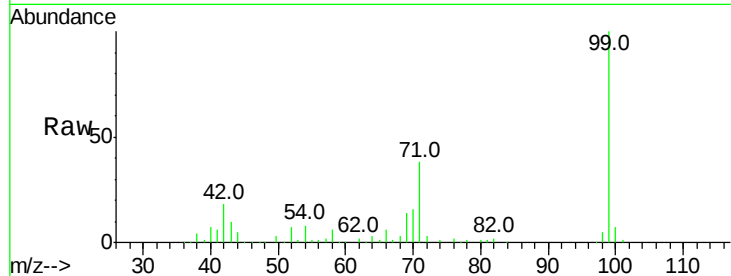
Tot Ion: 99 Resp: 197437

Ion Ratio Lower Upper

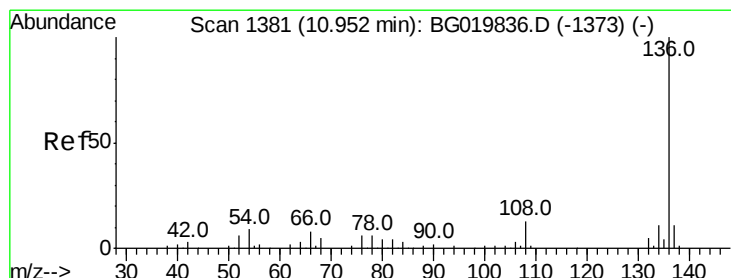
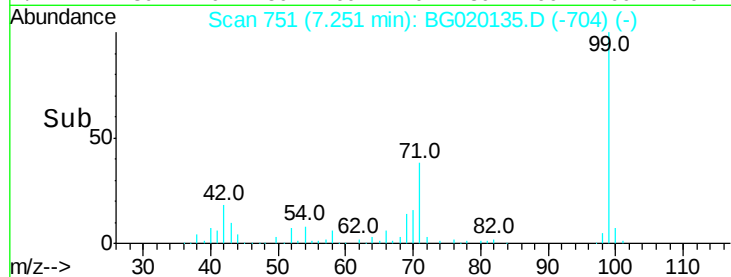
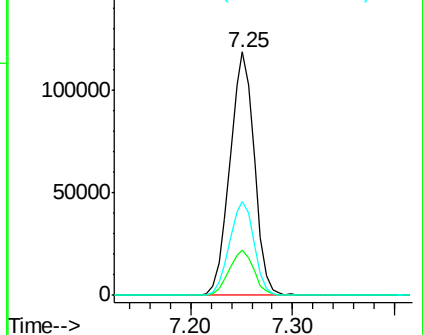
99 100

42 18.4 11.5 17.3#

71 38.5 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: BG020135.D

Acq: 12 Dec 2015 9:46

Tgt Ion: 136 Resp: 74889

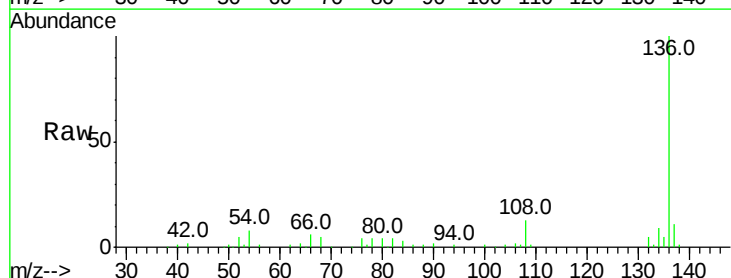
Ion Ratio Lower Upper

136 100

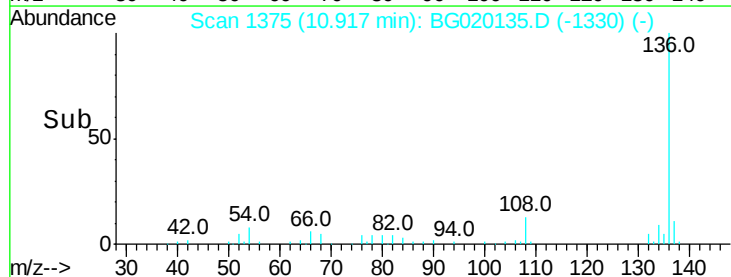
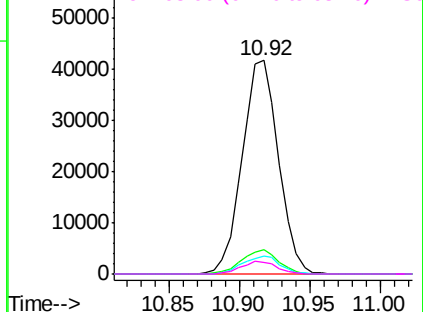
137 11.4 8.6 12.8

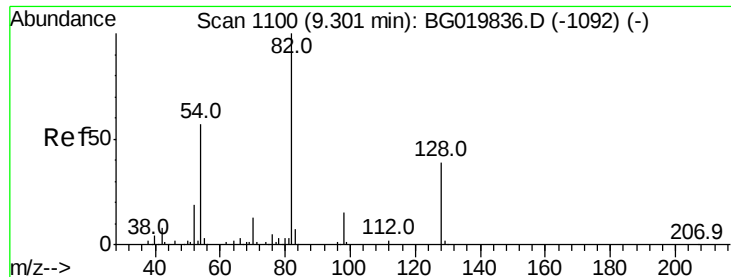
54 8.4 5.4 8.2#

68 5.3 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

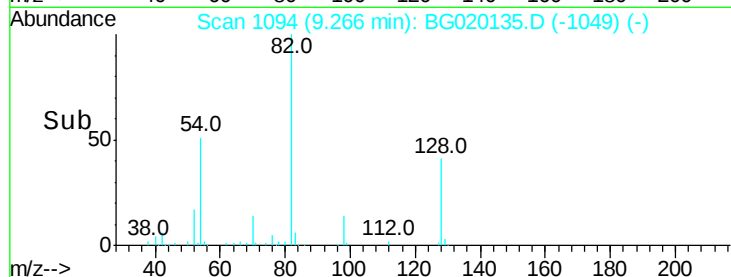
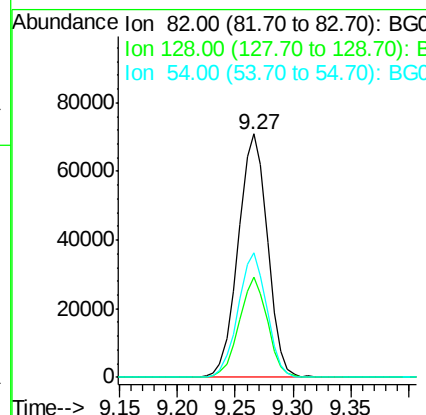
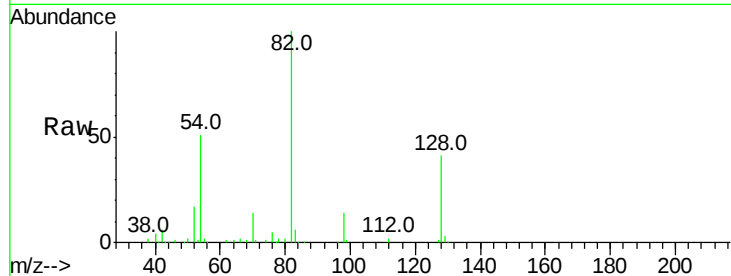




#23
Nitrobenzene-d5
Concen: 84.92 ng
RT: 9.27 min Scan# 1094
Delta R.T. -0.03 min
Lab File: BG020135.D
Acq: 12 Dec 2015 9:46

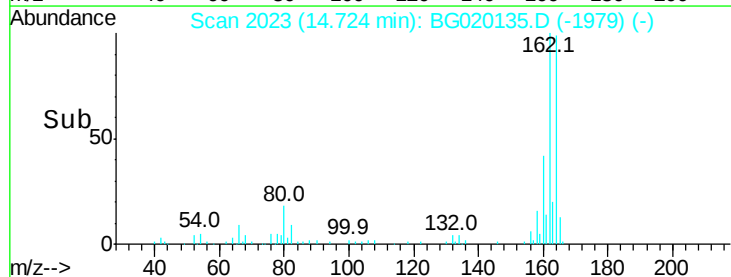
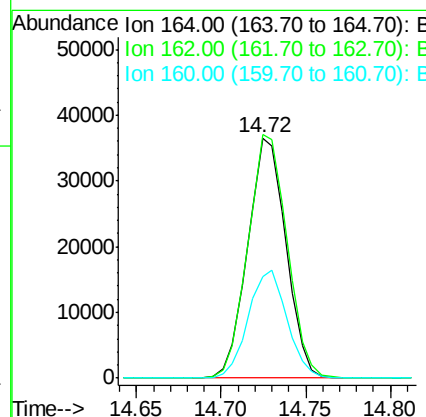
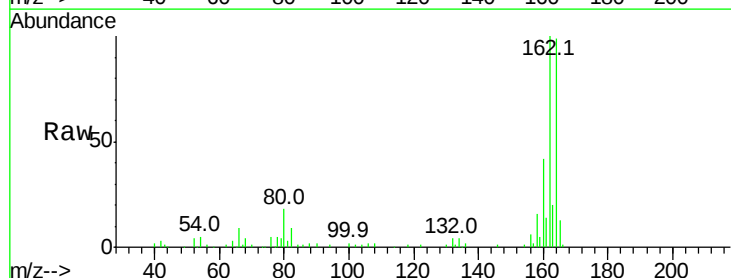
Instrument :
BNA_G
ClientSampleId :
VITALE-FILL-SOURCE-5A

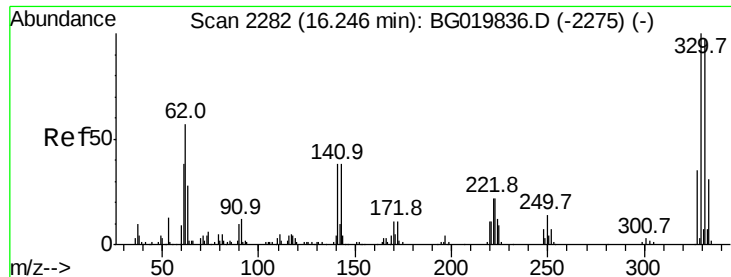
Tot Ion: 82 Resp: 124608
Ion Ratio Lower Upper
82 100
128 41.1 36.7 55.1
54 51.1 33.8 50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.72 min Scan# 2023
Delta R.T. -0.04 min
Lab File: BG020135.D
Acq: 12 Dec 2015 9:46

Tgt Ion: 164 Resp: 57517
Ion Ratio Lower Upper
164 100
162 101.3 78.8 118.2
160 42.4 36.4 54.6

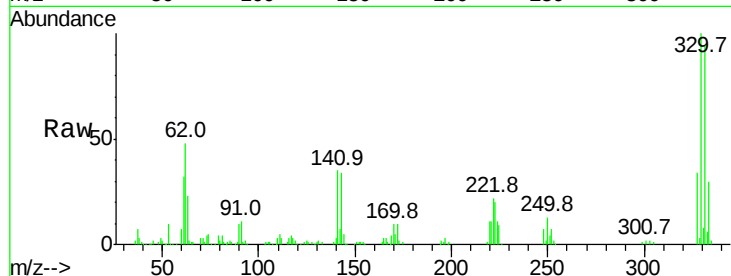




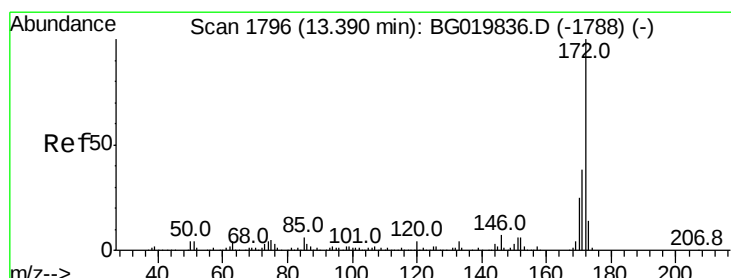
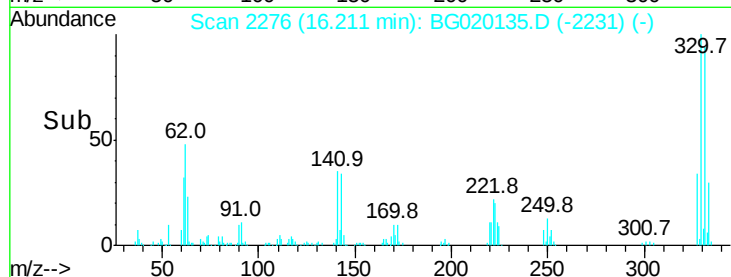
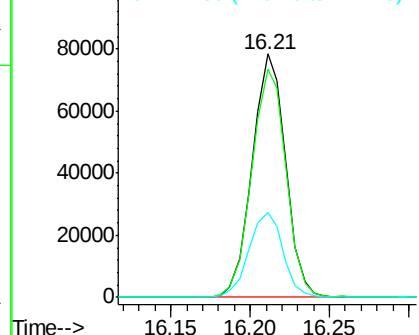
#41
 2,4,6-Tribromophenol
 Concen: 130.59 ng
 RT: 16.21 min Scan# 2276
 Delta R.T. -0.03 min
 Lab File: BG020135.D
 Acq: 12 Dec 2015 9:46

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-5A

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	78.1	117.1
141	35.4	28.2	42.2

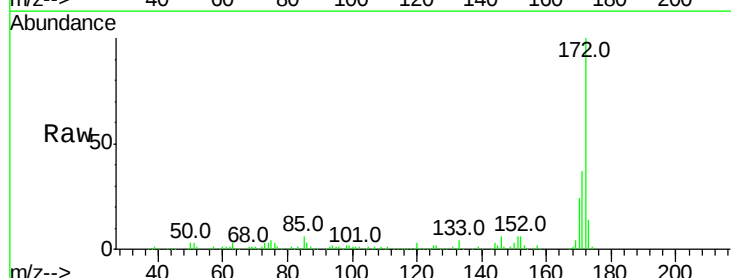


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

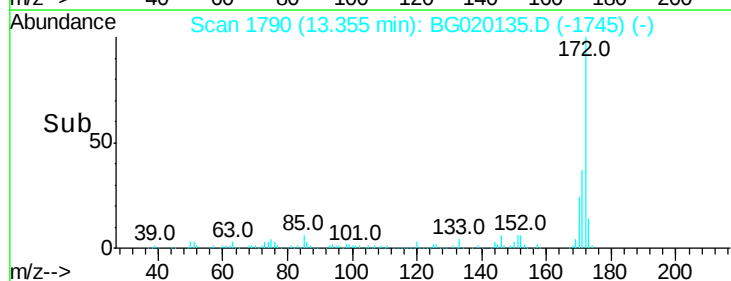
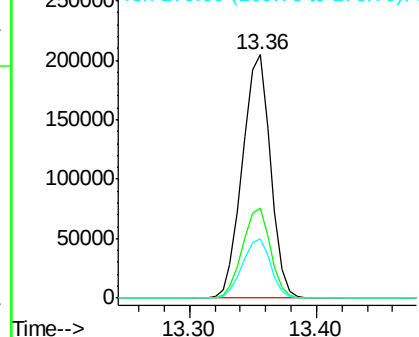


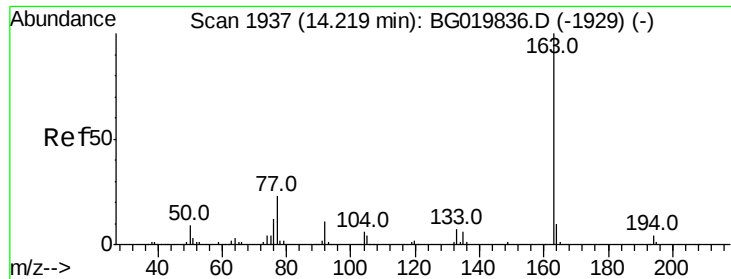
#44
 2-Fluorobiphenyl
 Concen: 74.47 ng
 RT: 13.36 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020135.D
 Acq: 12 Dec 2015 9:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.0	43.6
170	24.2	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: 9.71 ng

RT: 14.17 min Scan# 1929

Delta R.T. -0.05 min

Lab File: BG020135.D

Acq: 12 Dec 2015 9:46

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-5A

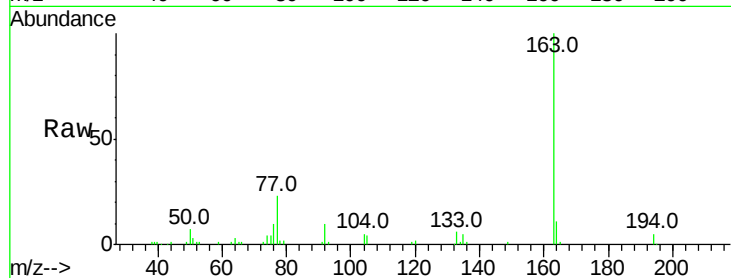
Tot Ion:163 Resp: 50262

Ion Ratio Lower Upper

163 100

194 4.7 3.1 4.7

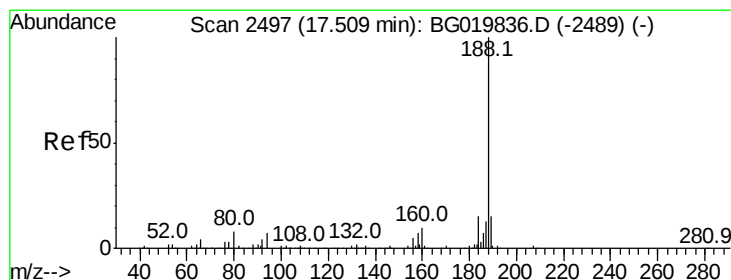
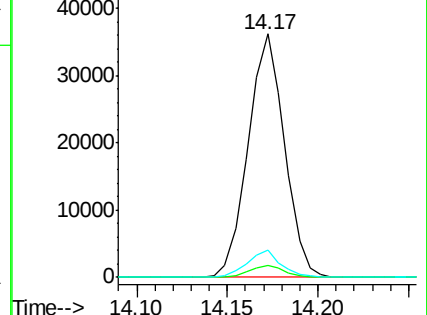
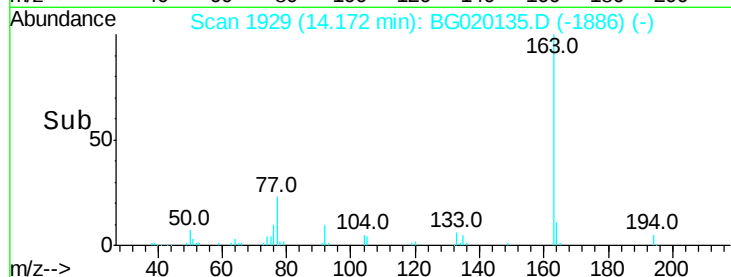
164 11.0 8.8 13.2



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: BG020135.D

Acq: 12 Dec 2015 9:46

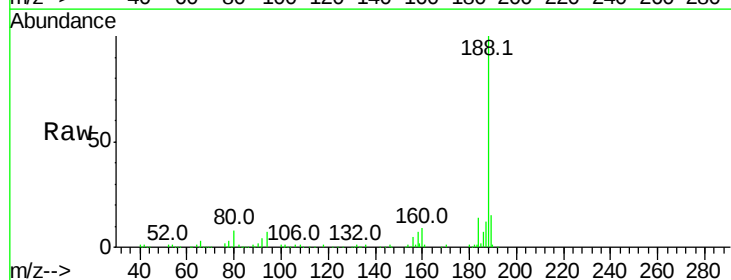
Tgt Ion:188 Resp: 152873

Ion Ratio Lower Upper

188 100

94 6.5 7.7 11.5#

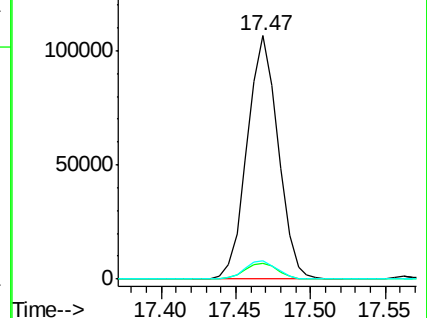
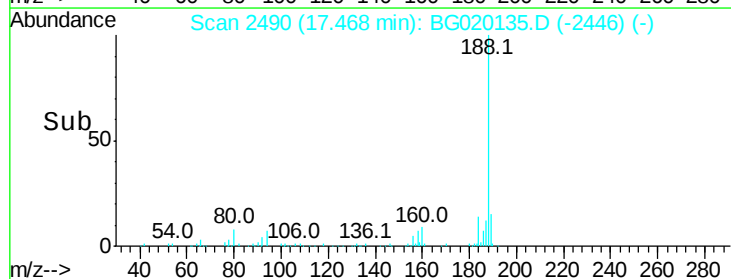
80 7.5 7.8 11.8#

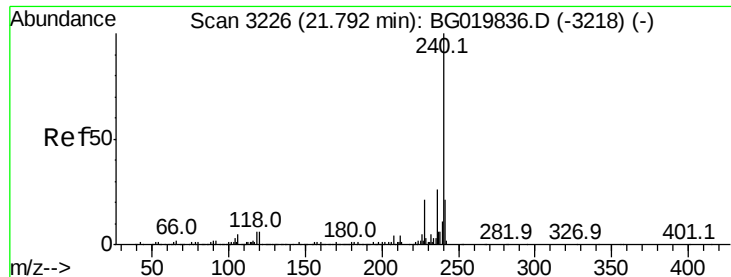


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020135.D

Acq: 12 Dec 2015 9:46

Instrument :

BNA_G

ClientSampleId :

VITALE-FILL-SOURCE-5A

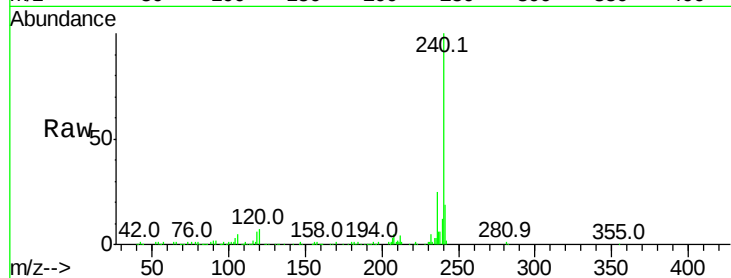
Tot Ion:240 Resp: 171563

Ion Ratio Lower Upper

240 100

120 6.8 7.4 11.0#

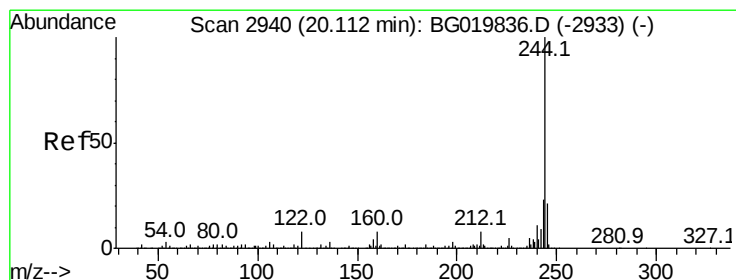
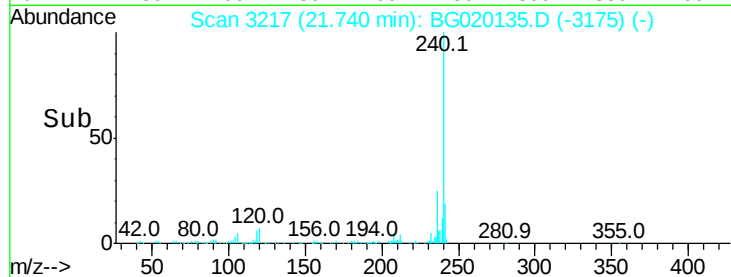
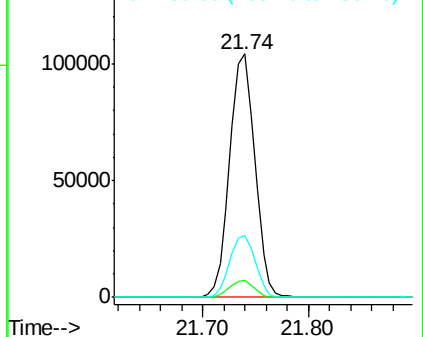
236 25.3 20.7 31.1



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: 80.17 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020135.D

Acq: 12 Dec 2015 9:46

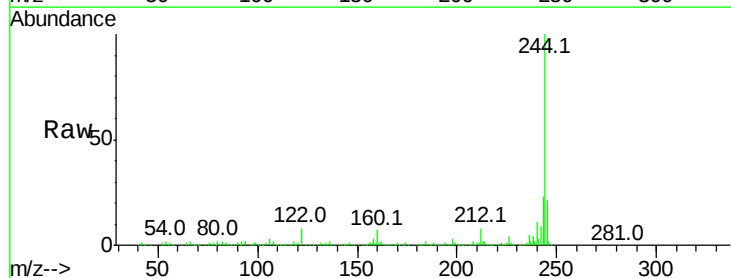
Tgt Ion:244 Resp: 563908

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

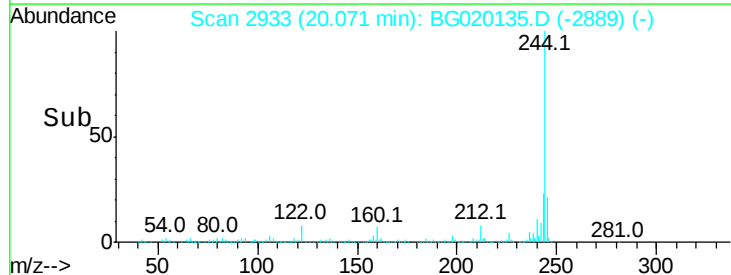
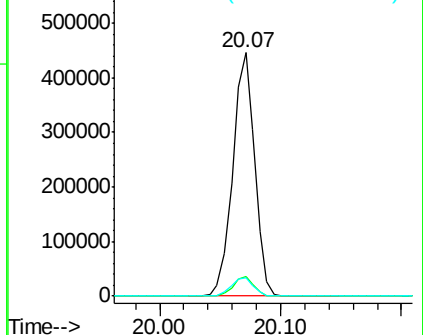
122 7.6 10.2 15.2#

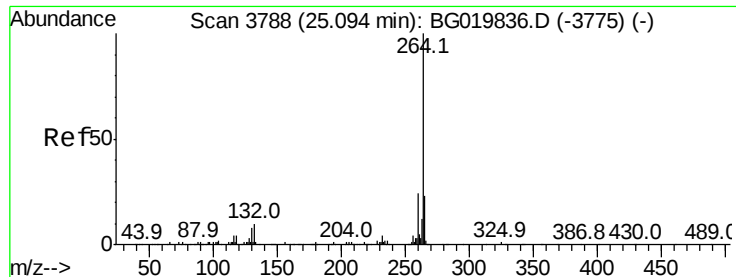


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

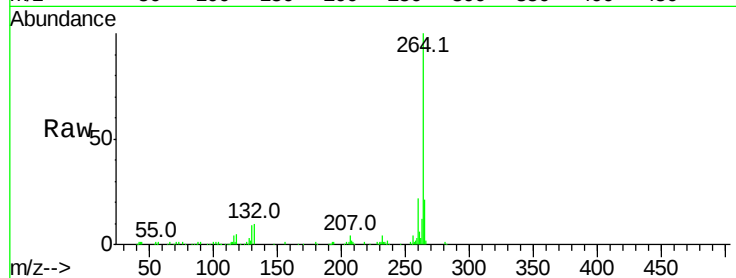




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.01 min Scan# 3773
 Delta R.T. -0.09 min
 Lab File: BG020135.D
 Acq: 12 Dec 2015 9:46

Instrument :
 BNA_G
 ClientSampleId :
 VITALE-FILL-SOURCE-5A

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.2	18.5	27.7
265	20.6	17.2	25.8



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

