

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121215\
 Data File : BG020132.D
 Acq On : 12 Dec 2015 7:50
 Operator : UM/SJ
 Sample : PB87240BL
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87240BL

Quant Time: Dec 14 00:59:26 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	18534	20.00	ng	-0.04
21) Naphthalene-d8	10.92	136	77193	20.00	ng	-0.04
38) Acenaphthene-d10	14.73	164	58751	20.00	ng	-0.04
63) Phenanthrene-d10	17.47	188	161327	20.00	ng	-0.04
75) Chrysene-d12	21.74	240	179129	20.00	ng	-0.05
86) Perylene-d12	25.00	264	165331	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	142129	138.60	ng	-0.02
7) Phenol-d6	7.25	99	204851	132.31	ng	-0.02
23) Nitrobenzene-d5	9.26	82	129277	85.47	ng	-0.04
41) 2,4,6-Tribromophenol	16.22	330	119126	132.52	ng	-0.03
44) 2-Fluorobiphenyl	13.35	172	339288	78.85	ng	-0.04
78) Terphenyl-d14	20.07	244	631783	86.03	ng	-0.04

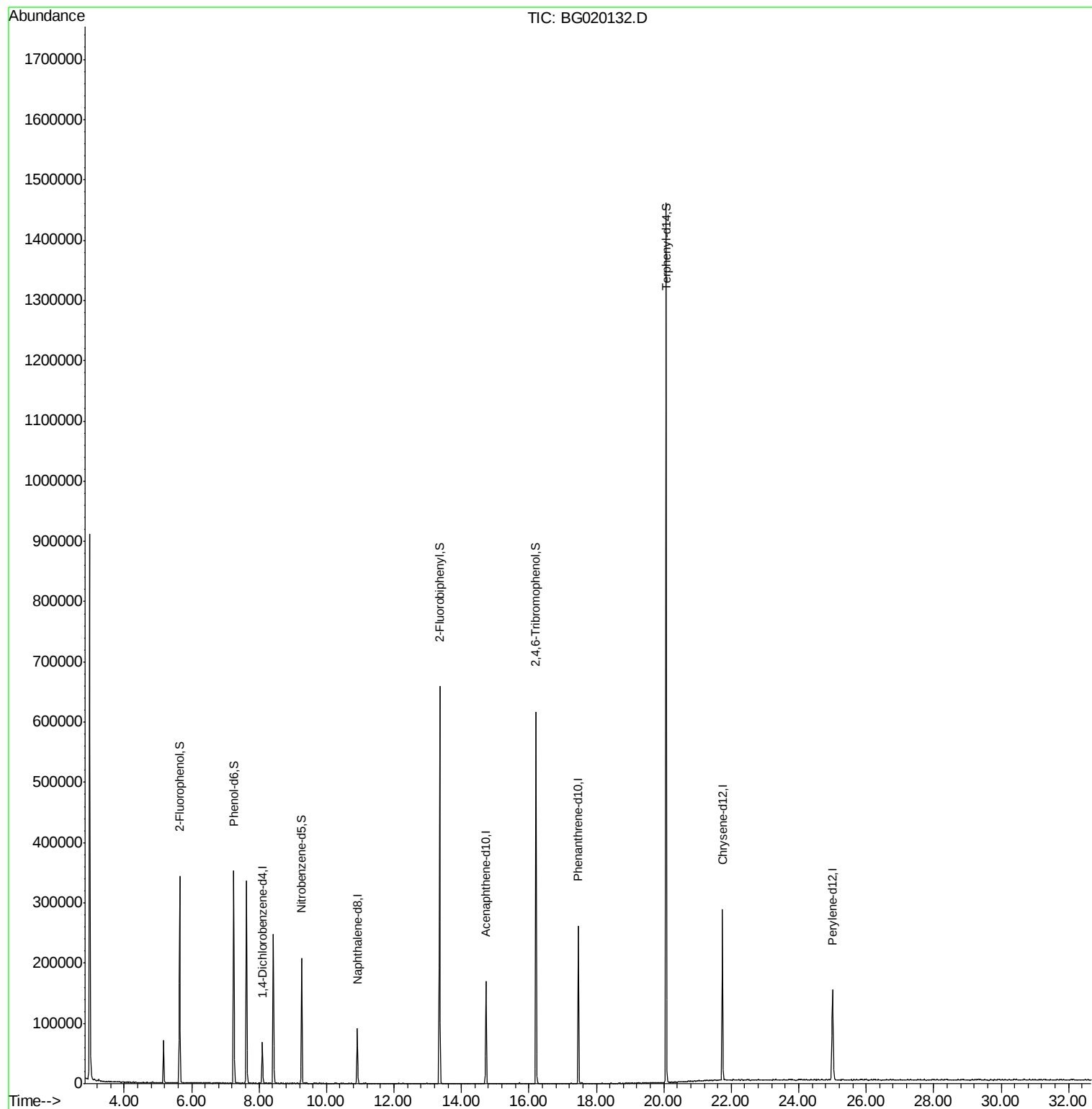
Target Compounds Qvalue

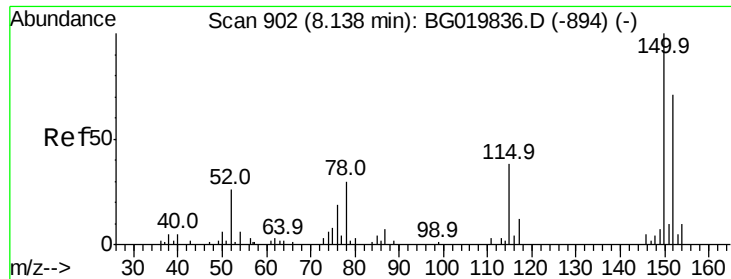
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.10 min Scan# 896

Delta R.T. -0.04 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB87240BL

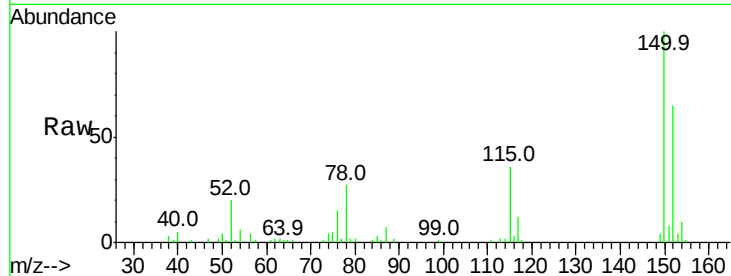
Tot Ion:152 Resp: 18534

Ion Ratio Lower Upper

152 100

150 154.7 115.0 172.4

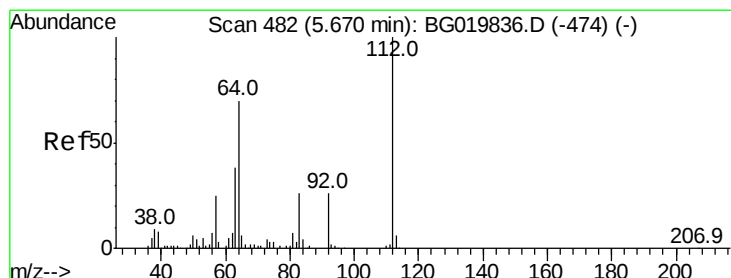
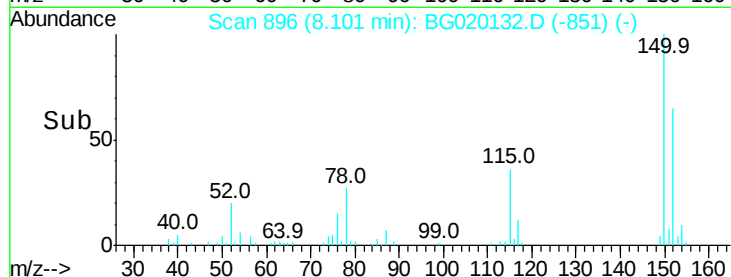
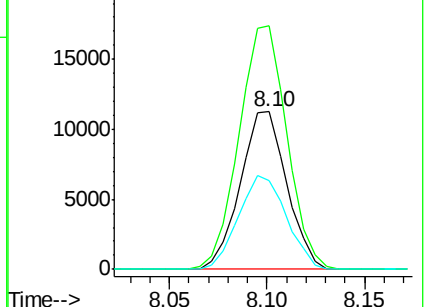
115 56.0 43.9 65.9



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: 138.60 ng

RT: 5.65 min Scan# 478

Delta R.T. -0.02 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

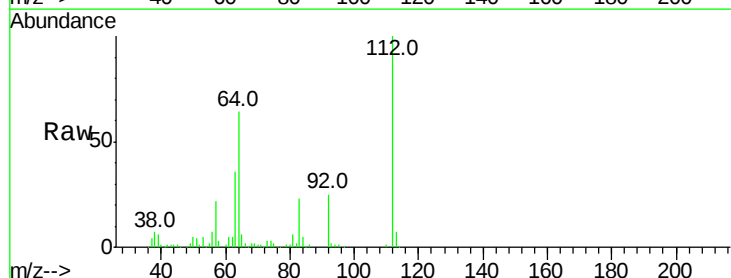
Tgt Ion:112 Resp: 142129

Ion Ratio Lower Upper

112 100

64 63.8 43.7 65.5

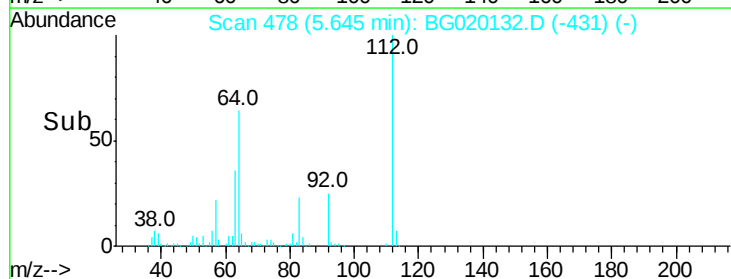
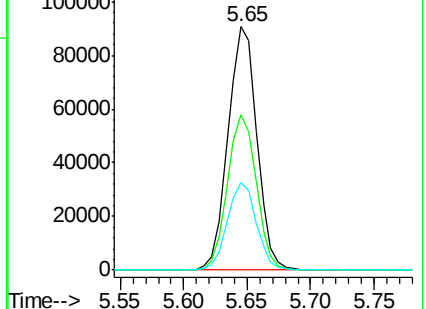
63 35.8 24.0 36.0

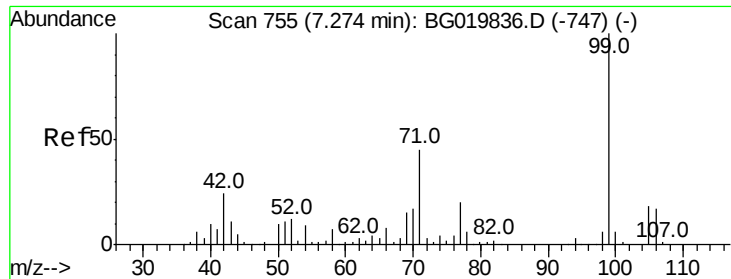


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 132.31 ng

RT: 7.25 min Scan# 751

Delta R.T. -0.02 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB87240BL

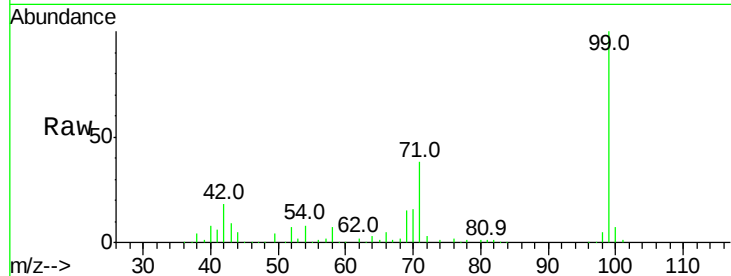
Tot Ion: 99 Resp: 204851

Ion Ratio Lower Upper

99 100

42 18.1 11.5 17.3#

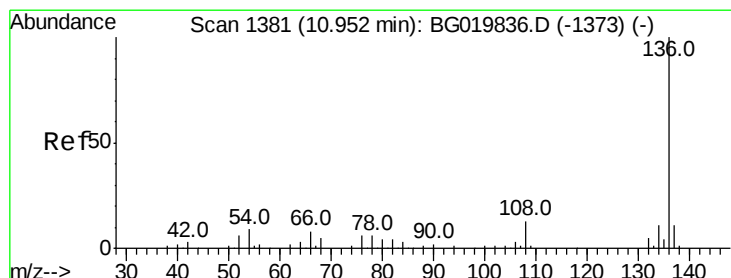
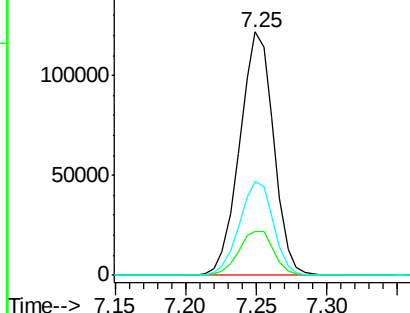
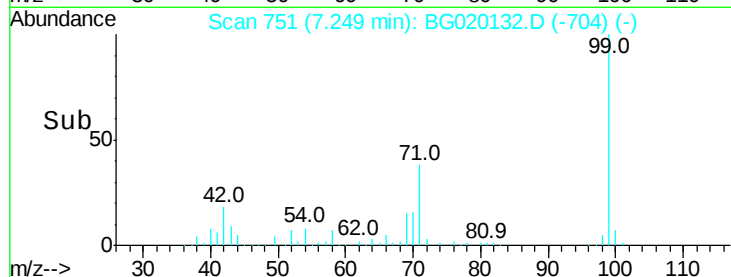
71 38.5 22.6 34.0#



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: BG020132.D

Acq: 12 Dec 2015 7:50

Tgt Ion: 136 Resp: 77193

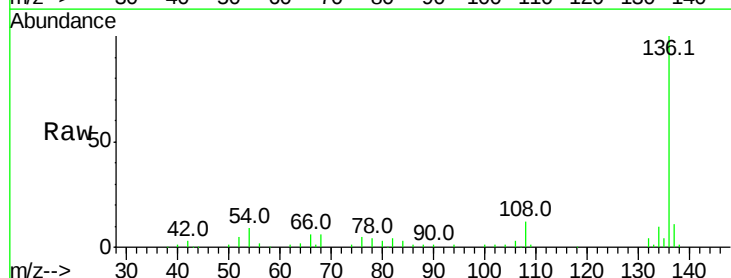
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 8.7 5.4 8.2#

68 6.1 5.3 7.9

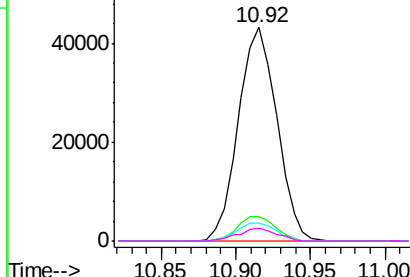
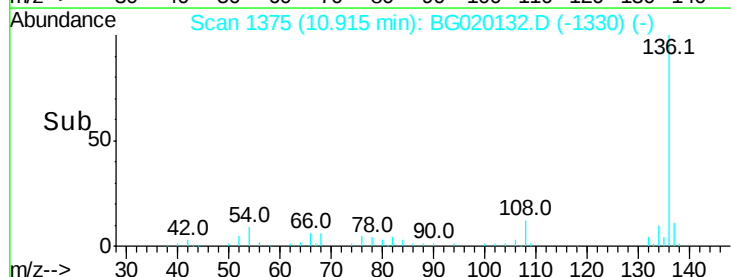


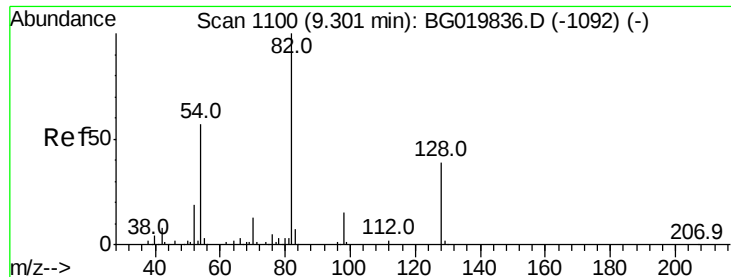
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

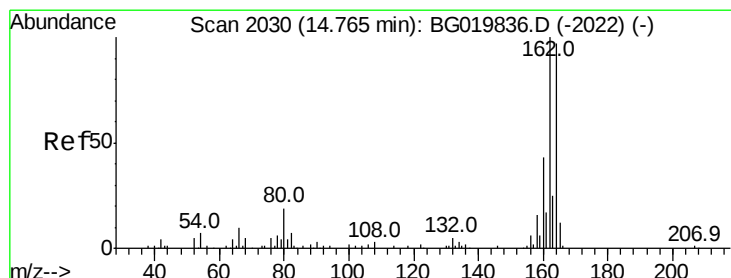
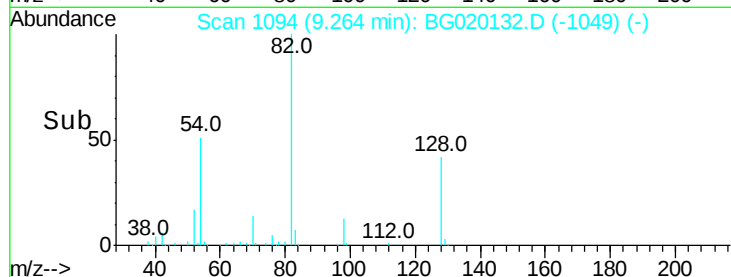
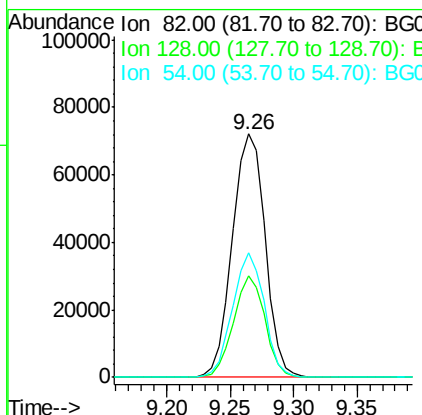
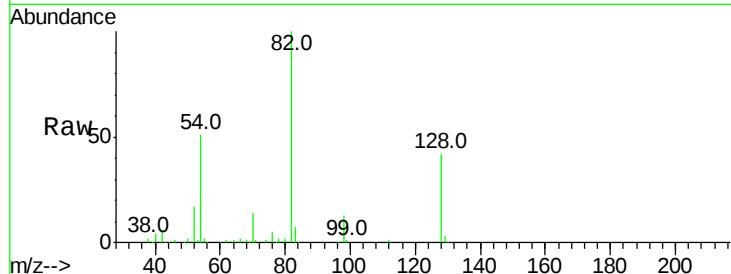




#23
Nitrobenzene-d5
Concen: 85.47 ng
RT: 9.26 min Scan# 1094
Delta R.T. -0.04 min
Lab File: BG020132.D
Acq: 12 Dec 2015 7:50

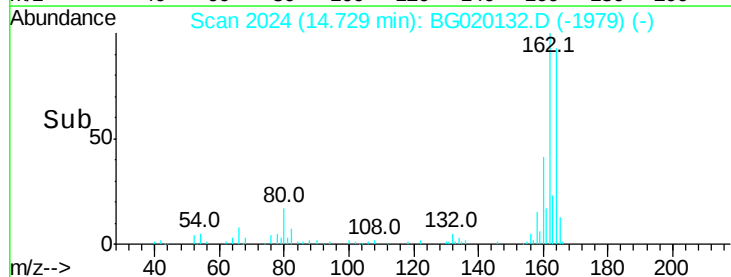
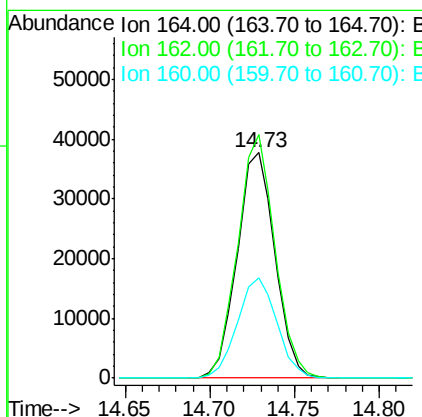
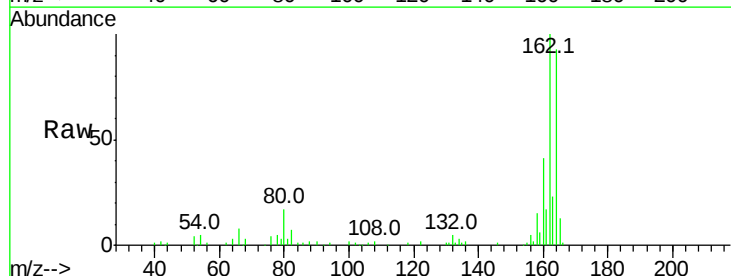
Instrument :
BNA_G
ClientSampleId :
PB87240BL

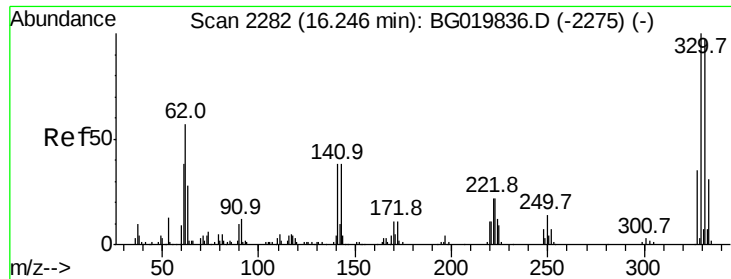
Tot Ion	82	Resp	129277
Ion Ratio	Lower	Upper	
82	100		
128	41.8	36.7	55.1
54	51.1	33.8	50.8#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.73 min Scan# 2024
Delta R.T. -0.04 min
Lab File: BG020132.D
Acq: 12 Dec 2015 7:50

Tgt Ion	164	Resp	58751
Ion Ratio	Lower	Upper	
164	100		
162	108.0	78.8	118.2
160	44.7	36.4	54.6

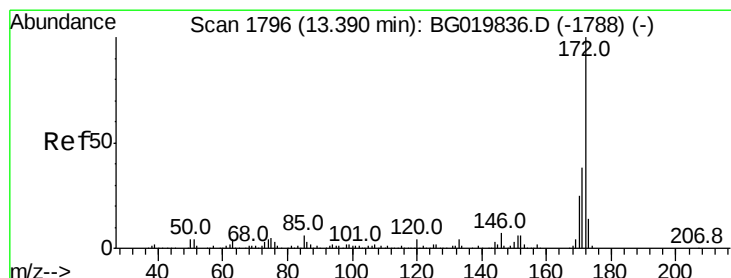
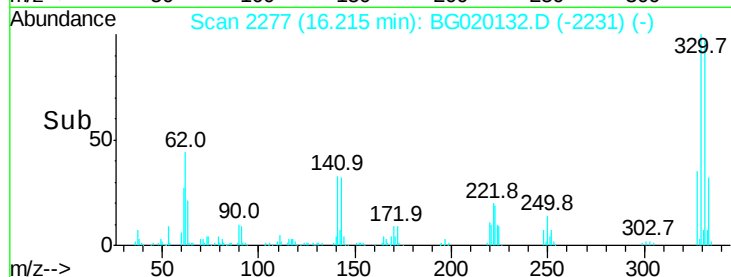
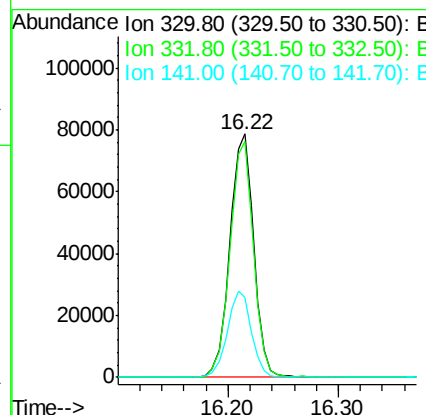
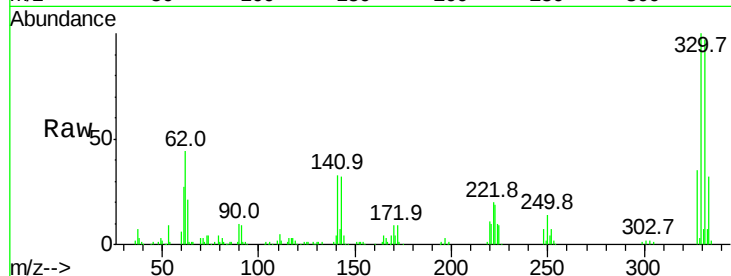




#41
 2,4,6-Tribromophenol
 Concen: 132.52 ng
 RT: 16.22 min Scan# 2277
 Delta R.T. -0.03 min
 Lab File: BG020132.D
 Acq: 12 Dec 2015 7:50

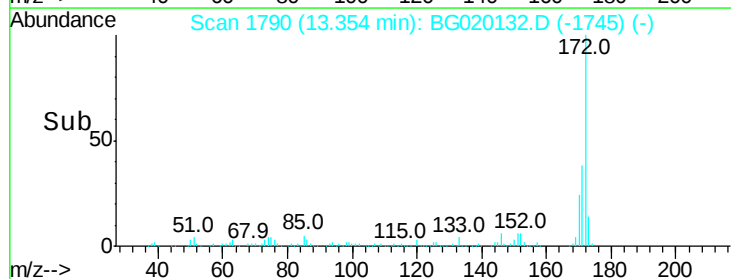
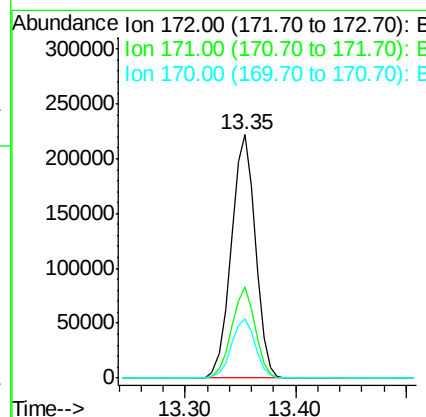
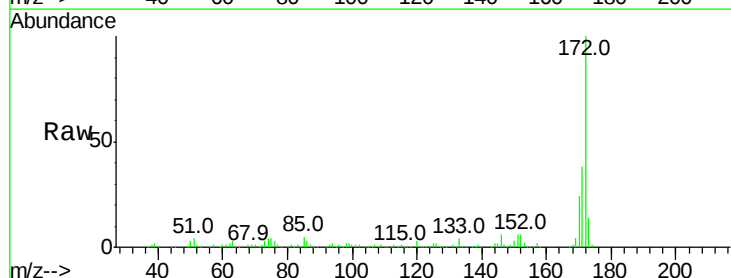
Instrument :
 BNA_G
 ClientSampled :
 PB87240BL

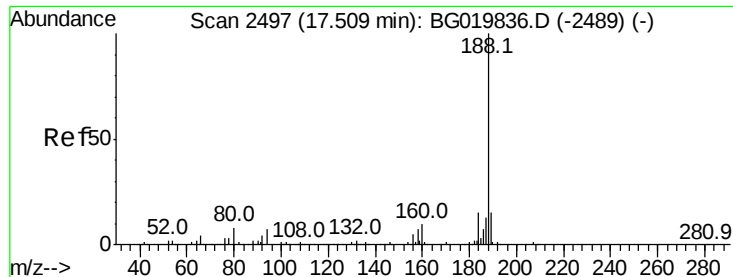
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	78.1	117.1
141	35.3	28.2	42.2



#44
 2-Fluorobiphenyl
 Concen: 78.85 ng
 RT: 13.35 min Scan# 1790
 Delta R.T. -0.04 min
 Lab File: BG020132.D
 Acq: 12 Dec 2015 7:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.0	43.6
170	24.5	19.9	29.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.47 min Scan# 2490

Delta R.T. -0.04 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB87240BL

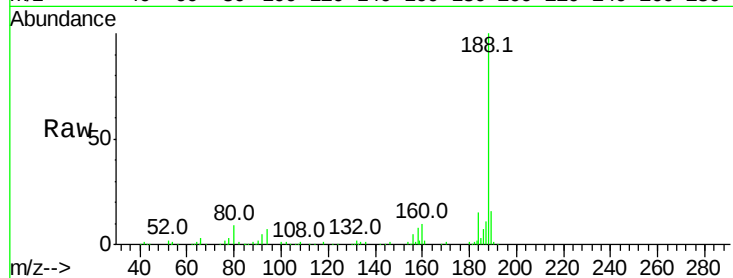
Tot Ion:188 Resp: 161327

Ion Ratio Lower Upper

188 100

94 7.1 7.7 11.5#

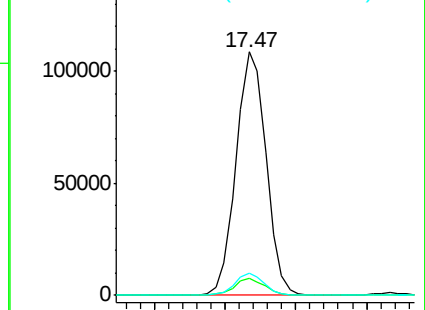
80 9.1 7.8 11.8



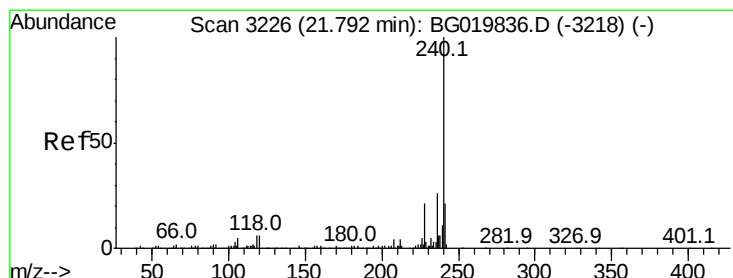
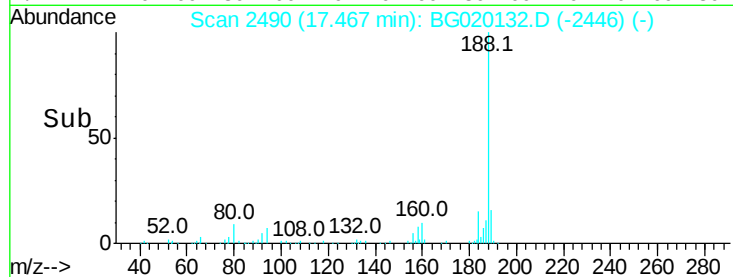
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. -0.05 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

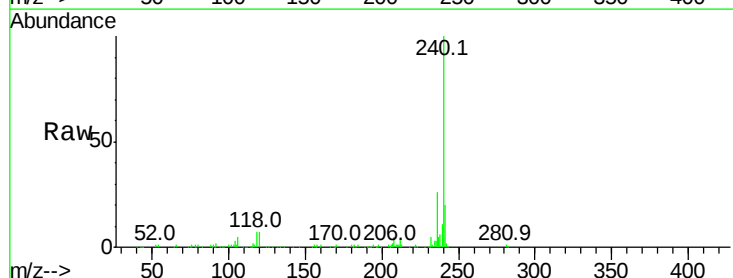
Tgt Ion:240 Resp: 179129

Ion Ratio Lower Upper

240 100

120 6.6 7.4 11.0#

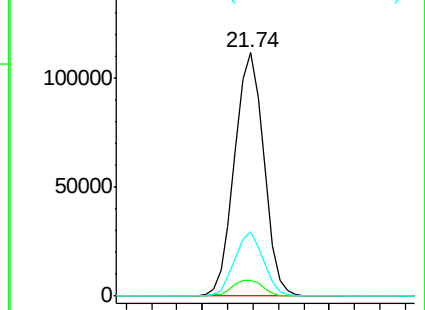
236 26.5 20.7 31.1



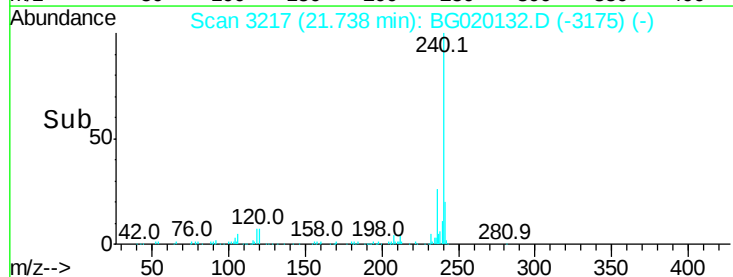
Abundance Ion 240.00 (239.70 to 240.70): E

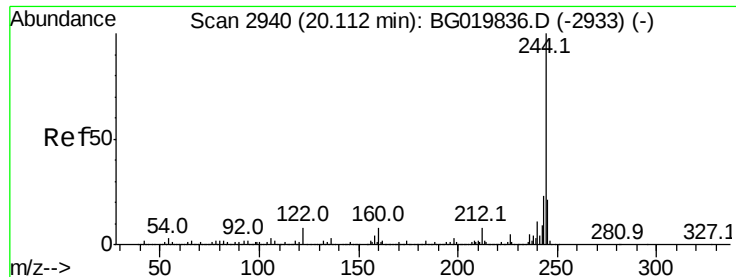
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#78

Terphenyl-d14

Concen: 86.03 ng

RT: 20.07 min Scan# 2933

Delta R.T. -0.04 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

Instrument :

BNA_G

ClientSampleId :

PB87240BL

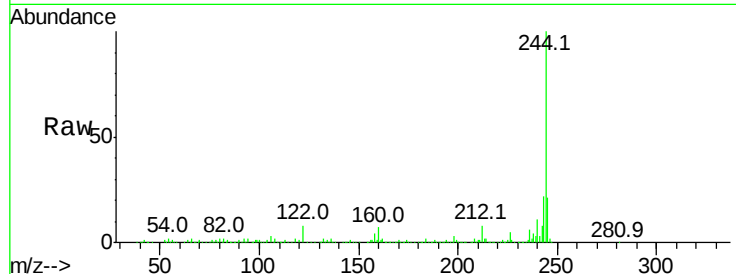
Tot Ion:244 Resp: 631783

Ion Ratio Lower Upper

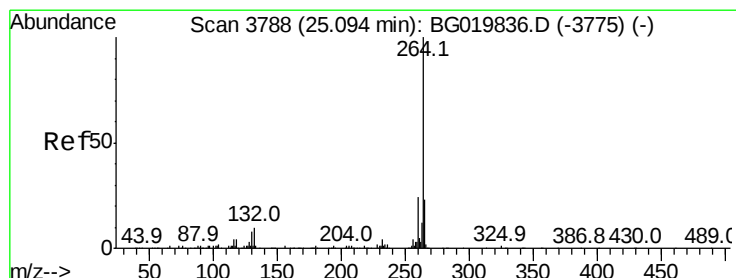
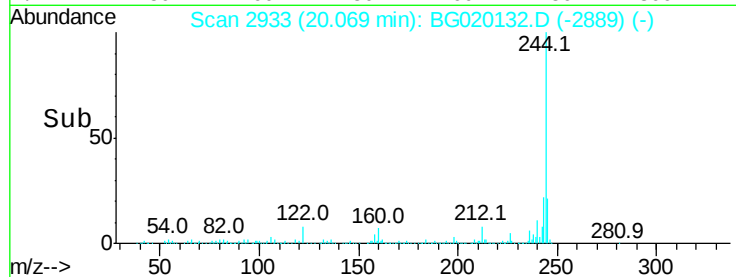
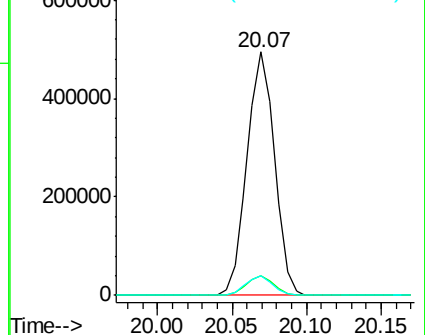
244 100

212 8.0 6.9 10.3

122 8.1 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

Perylene-d12

Concen: 20.00 ng

RT: 25.00 min Scan# 3772

Delta R.T. -0.10 min

Lab File: BG020132.D

Acq: 12 Dec 2015 7:50

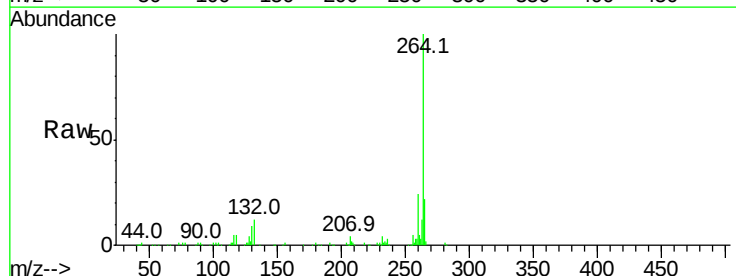
Tgt Ion:264 Resp: 165331

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.6 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

