

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121015\
 Data File : BG020064.D
 Acq On : 10 Dec 2015 5:33
 Operator : UM/SJ
 Sample : PB87142BL
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BL

Quant Time: Dec 10 07:42:59 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	8.11	152	19522	20.00	ng	-0.03
21) Naphthalene-d8	10.93	136	86054	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	60782	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	150050	20.00	ng	-0.02
75) Chrysene-d12	21.75	240	181124	20.00	ng	-0.04
86) Perylene-d12	25.04	264	166896	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	145494	134.70	ng	-0.01
7) Phenol-d6	7.26	99	212229	130.13	ng	-0.01
23) Nitrobenzene-d5	9.28	82	135530	80.38	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	102670	110.40	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	339818	76.34	ng	-0.02
78) Terphenyl-d14	20.08	244	583223	78.54	ng	-0.03

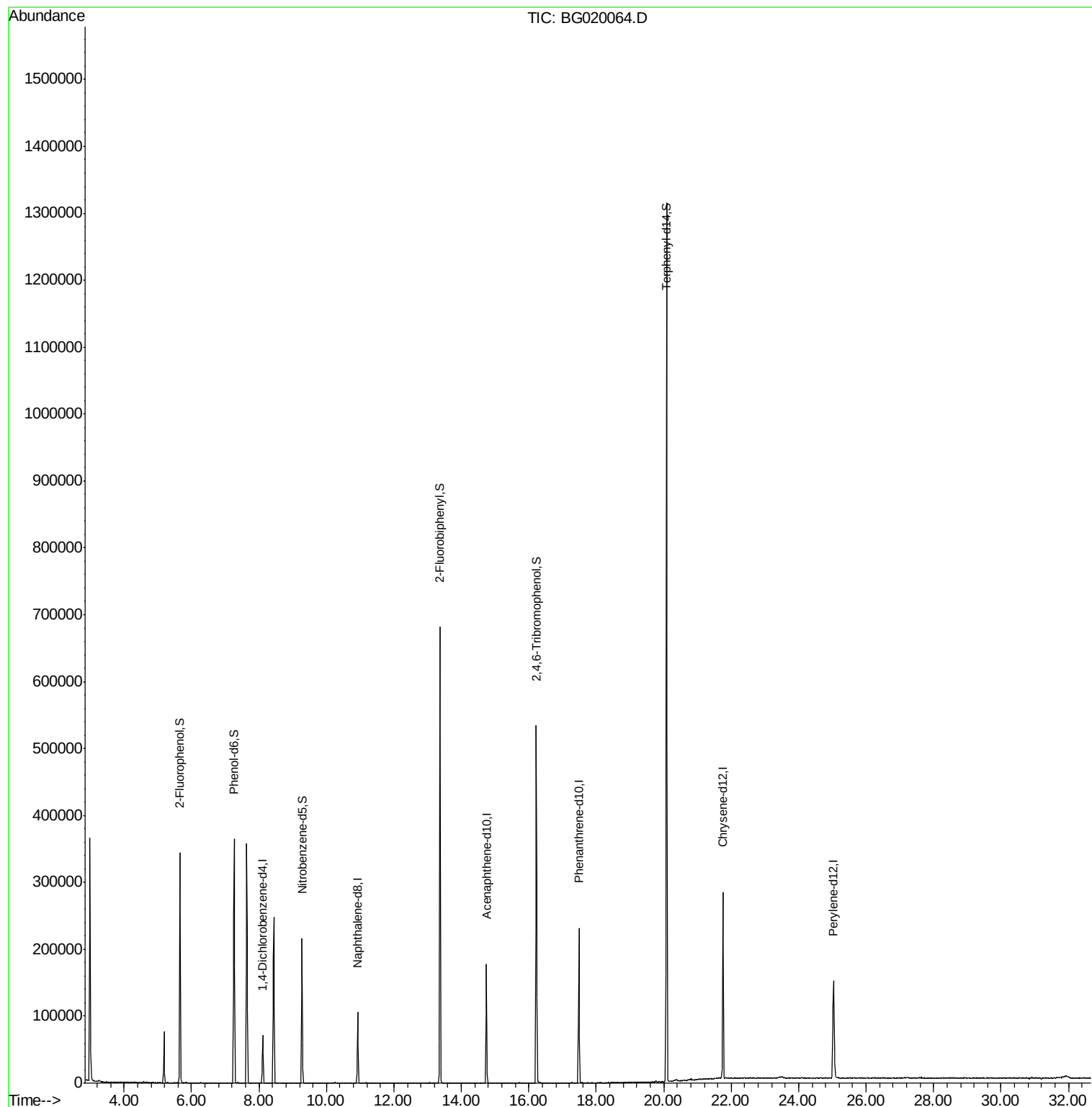
Target Compounds Qvalue

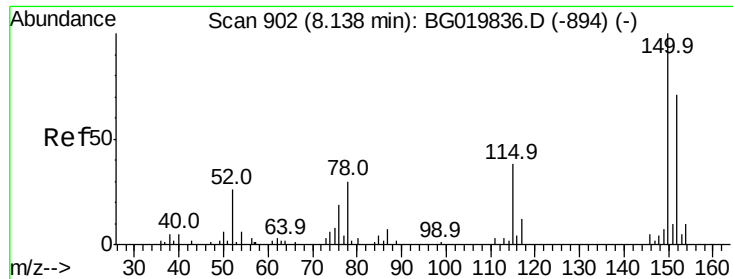
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.11 min Scan# 897

Delta R.T. -0.03 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

Instrument :

BNA_G

ClientSampleId :

PB87142BL

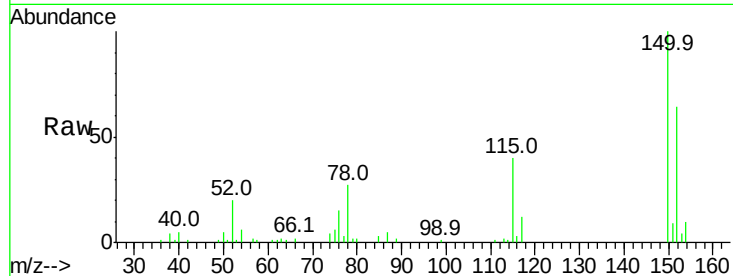
Tot Ion:152 Resp: 19522

Ion Ratio Lower Upper

152 100

150 157.3 115.0 172.4

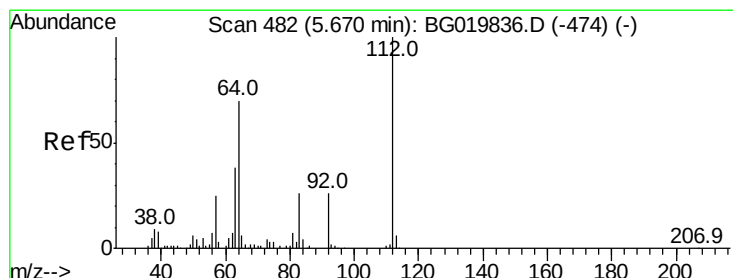
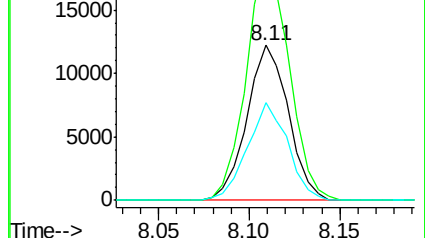
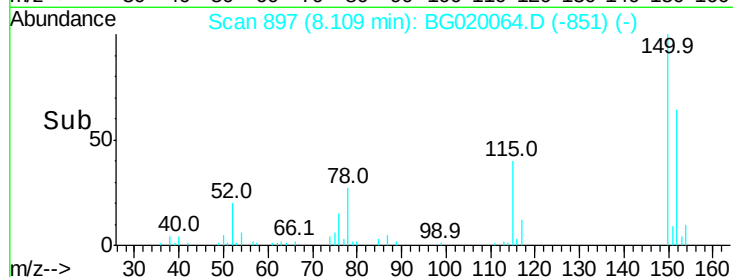
115 62.8 43.9 65.9



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: 134.70 ng

RT: 5.66 min Scan# 480

Delta R.T. -0.01 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

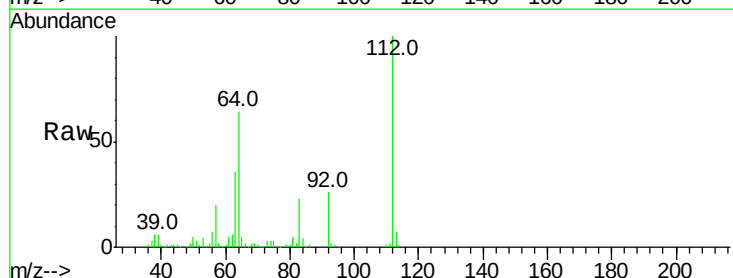
Tgt Ion:112 Resp: 145494

Ion Ratio Lower Upper

112 100

64 63.6 43.7 65.5

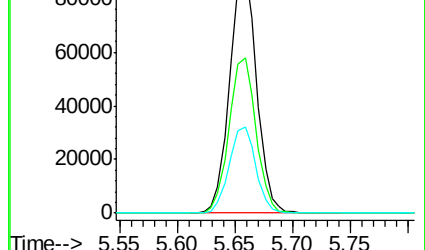
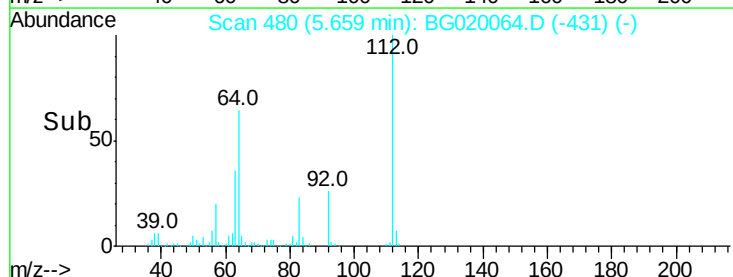
63 35.5 24.0 36.0

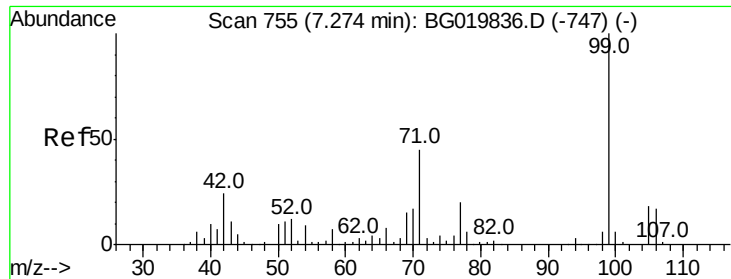


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 130.13 ng

RT: 7.26 min Scan# 753

Delta R.T. -0.01 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

Instrument :

BNA_G

ClientSampleId :

PB87142BL

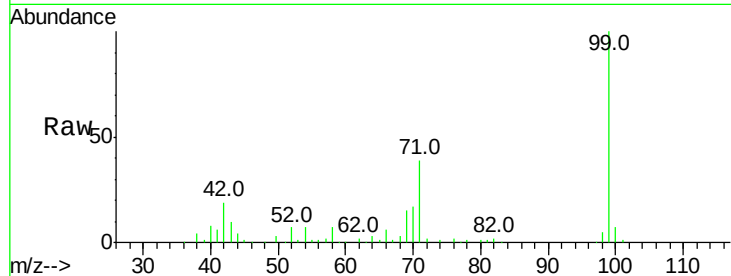
Tot Ion: 99 Resp: 212229

Ion Ratio Lower Upper

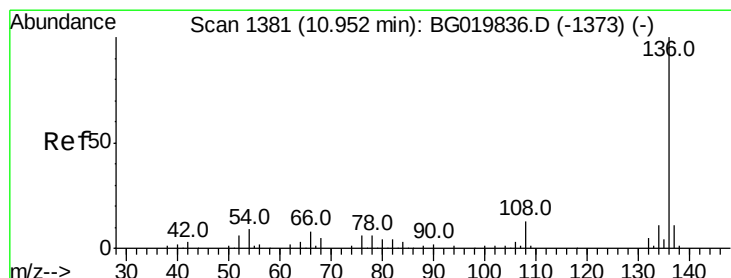
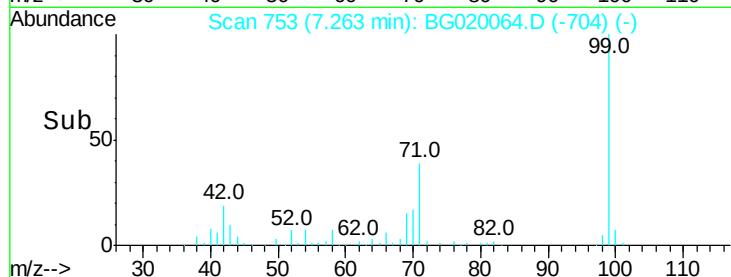
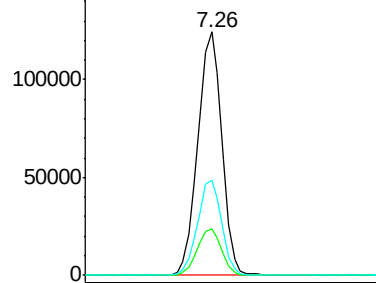
99 100

42 18.9 11.5 17.3#

71 39.0 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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

Tgt Ion: 136 Resp: 86054

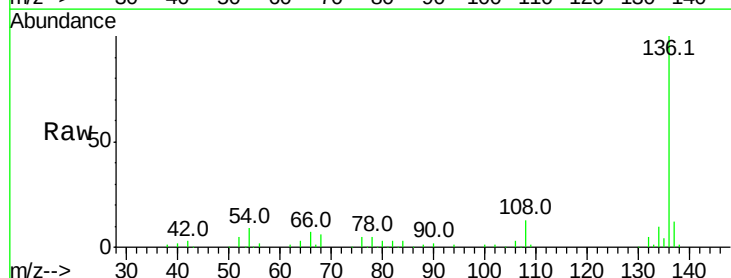
Ion Ratio Lower Upper

136 100

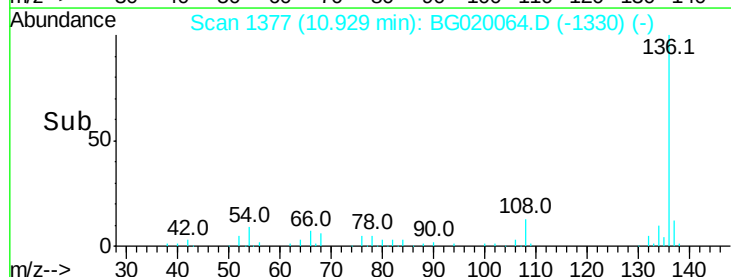
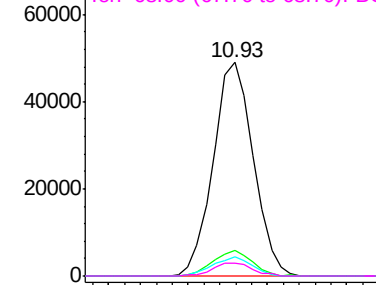
137 11.8 8.6 12.8

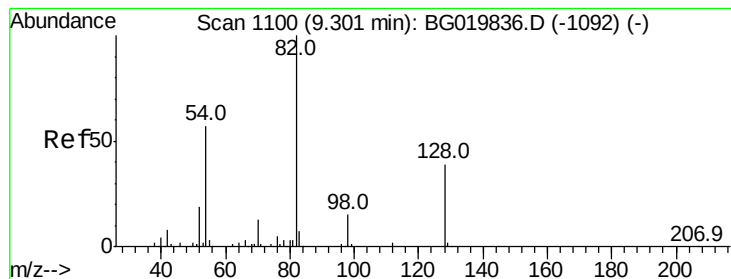
54 9.2 5.4 8.2#

68 5.9 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: 80.38 ng

RT: 9.28 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

Instrument :

BNA_G

ClientSampleId :

PB87142BL

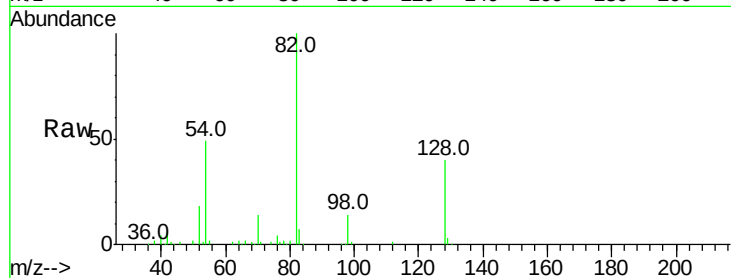
Tot Ion: 82 Resp: 135530

Ion Ratio Lower Upper

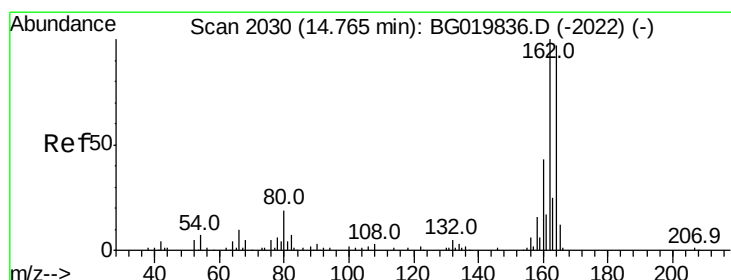
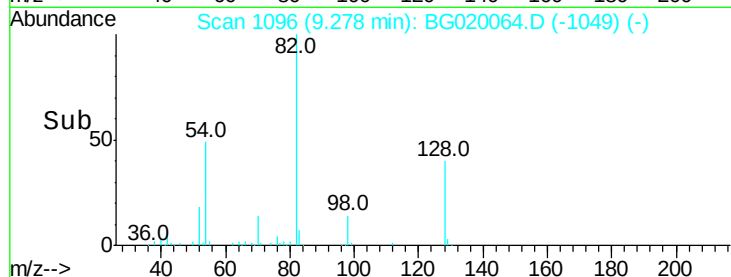
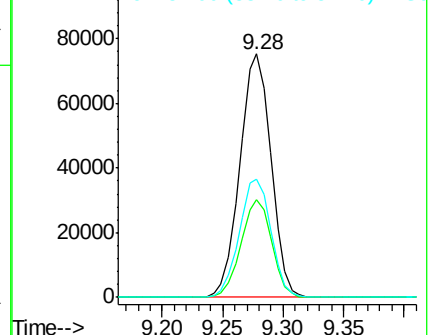
82 100

128 40.1 36.7 55.1

54 48.7 33.8 50.8



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2026

Delta R.T. -0.02 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

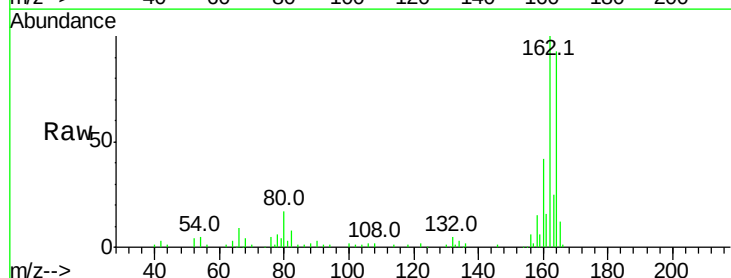
Tgt Ion: 164 Resp: 60782

Ion Ratio Lower Upper

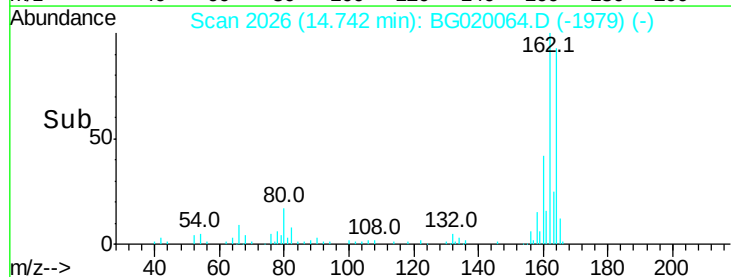
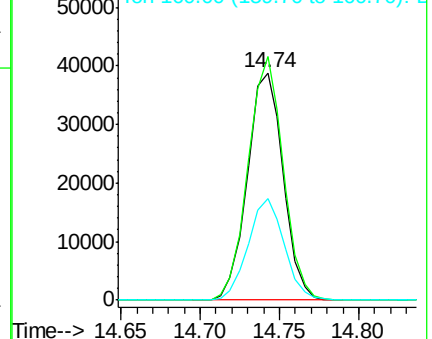
164 100

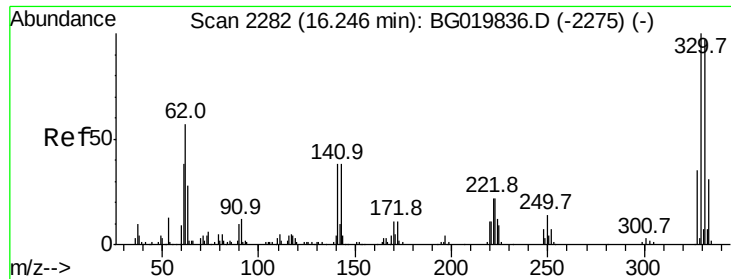
162 107.0 78.8 118.2

160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

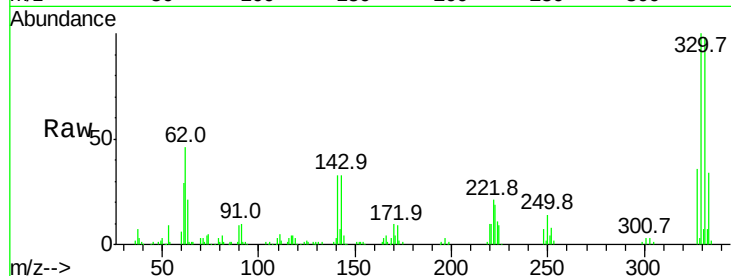




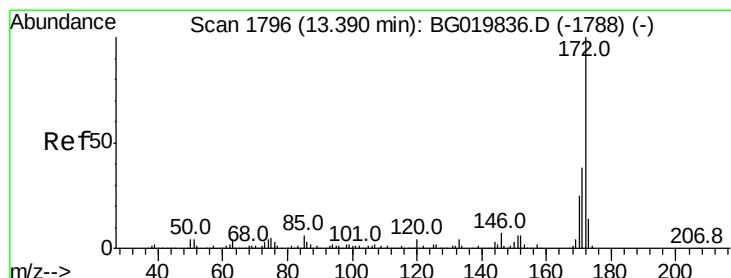
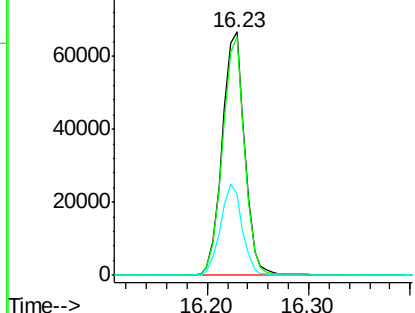
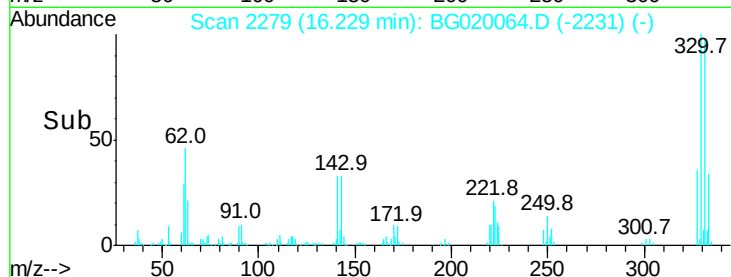
#41
 2,4,6-Tribromophenol
 Concen: 110.40 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG020064.D
 Acq: 10 Dec 2015 5:33

Instrument :
 BNA_G
 ClientSampleId :
 PB87142BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.1	117.1
141	36.2	28.2	42.2

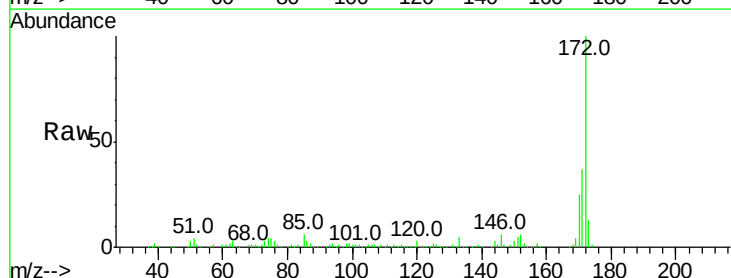


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

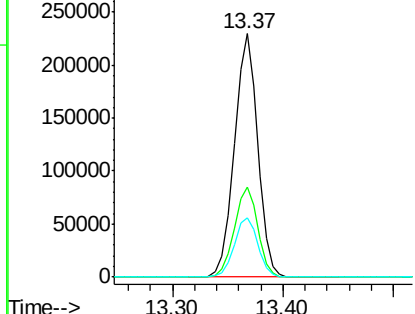
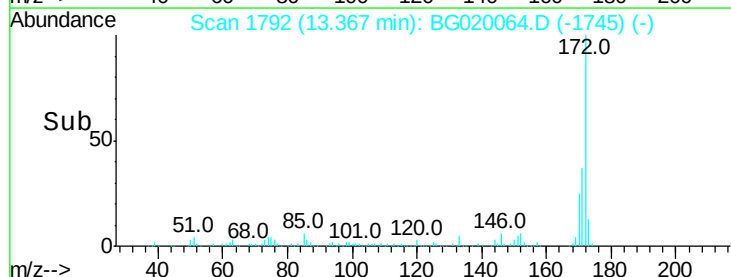


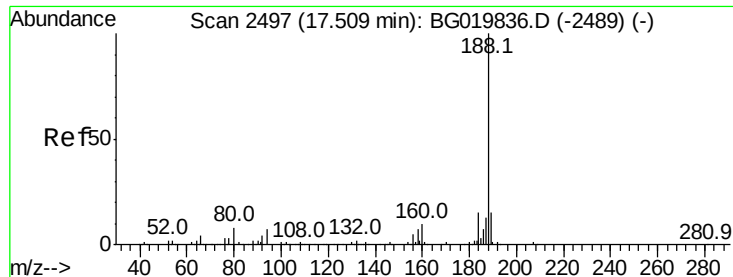
#44
 2-Fluorobiphenyl
 Concen: 76.34 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. -0.02 min
 Lab File: BG020064.D
 Acq: 10 Dec 2015 5:33

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.0	43.6
170	24.6	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

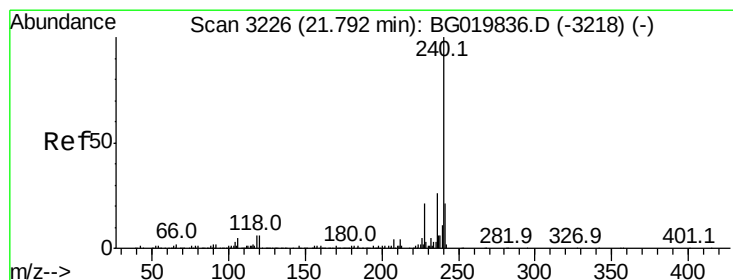
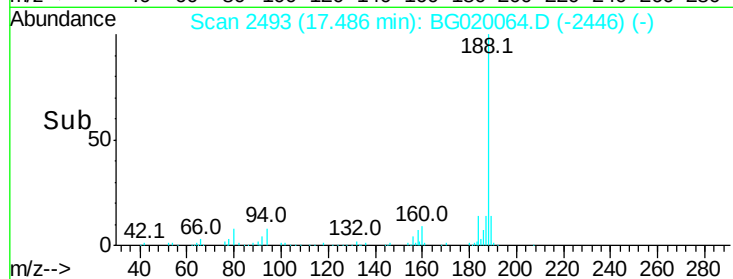
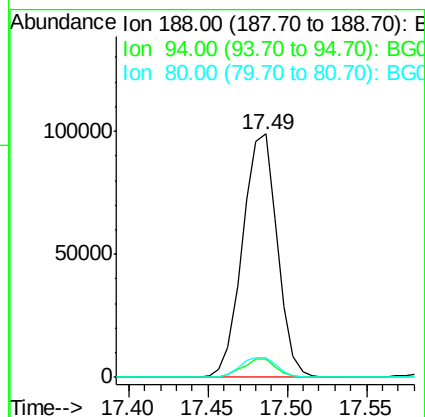
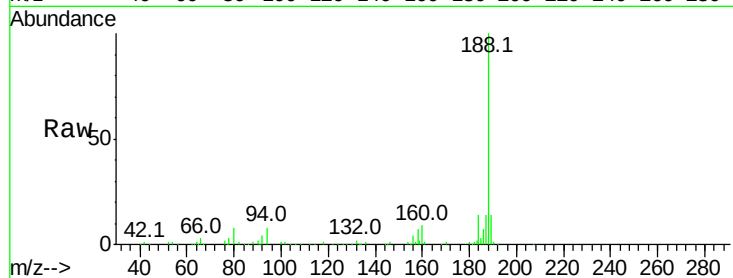




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG020064.D
Acq: 10 Dec 2015 5:33

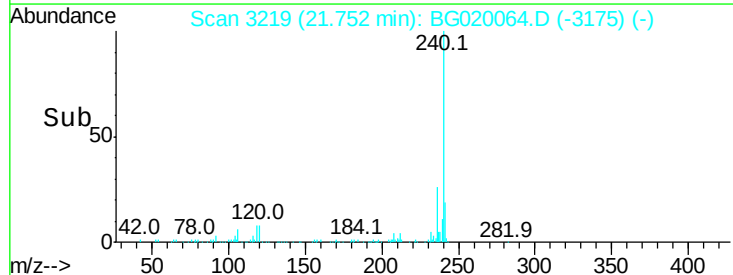
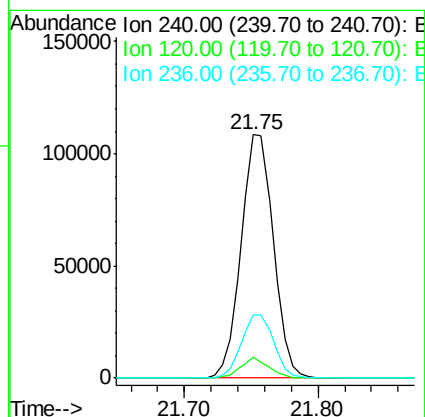
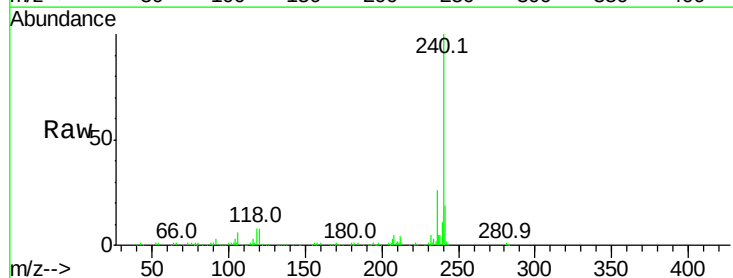
Instrument :
BNA_G
ClientSampleId :
PB87142BL

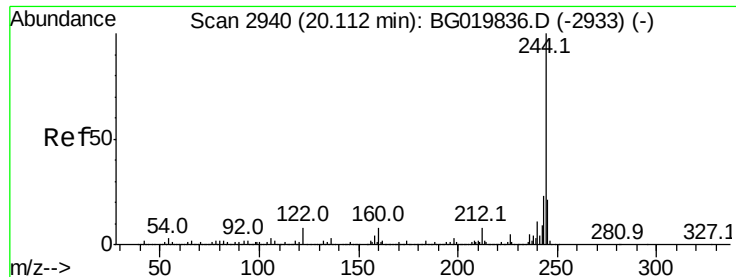
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.7	11.5#
80	7.9	7.8	11.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.75 min Scan# 3219
Delta R.T. -0.04 min
Lab File: BG020064.D
Acq: 10 Dec 2015 5:33

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.4	11.0
236	25.9	20.7	31.1





#78

Terphenyl-d14

Concen: 78.54 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.03 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

Instrument :

BNA_G

ClientSampleId :

PB87142BL

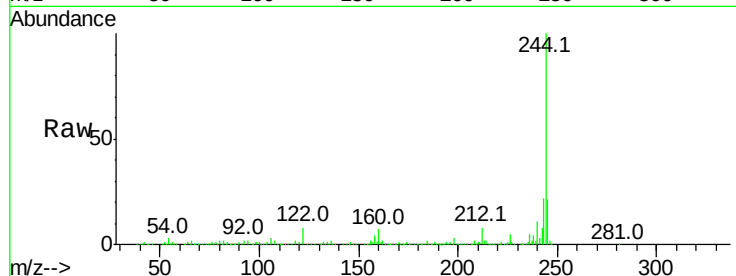
Tot Ion:244 Resp: 583223

Ion Ratio Lower Upper

244 100

212 8.1 6.9 10.3

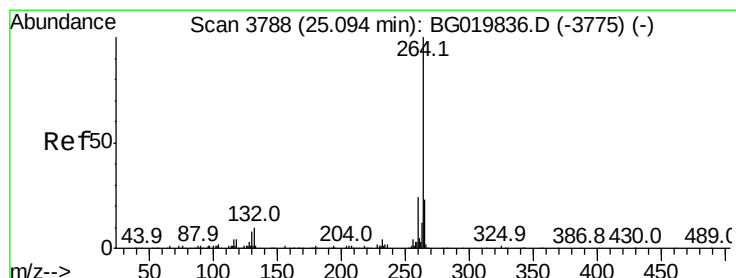
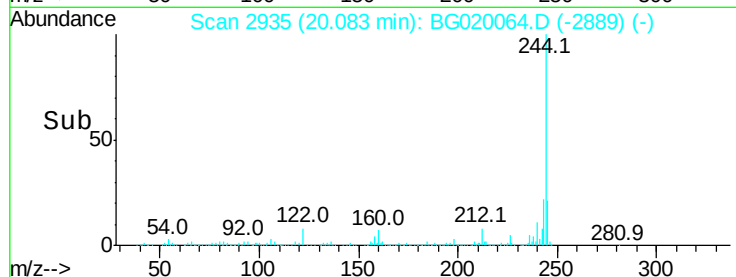
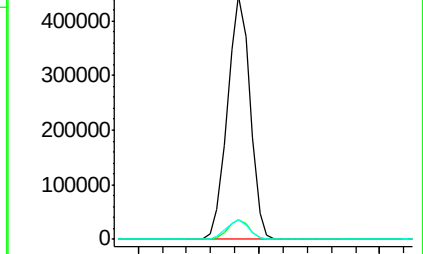
122 8.2 10.2 15.2#



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: 25.04 min Scan# 3778

Delta R.T. -0.06 min

Lab File: BG020064.D

Acq: 10 Dec 2015 5:33

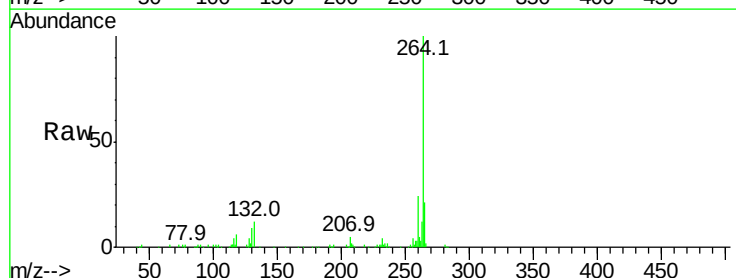
Tgt Ion:264 Resp: 166896

Ion Ratio Lower Upper

264 100

260 23.7 18.5 27.7

265 21.5 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

