

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030650.D
 Acq On : 2 Nov 2017 1:09
 Operator : SJ/JU
 Sample : I6204-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Nov 02 06:02:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

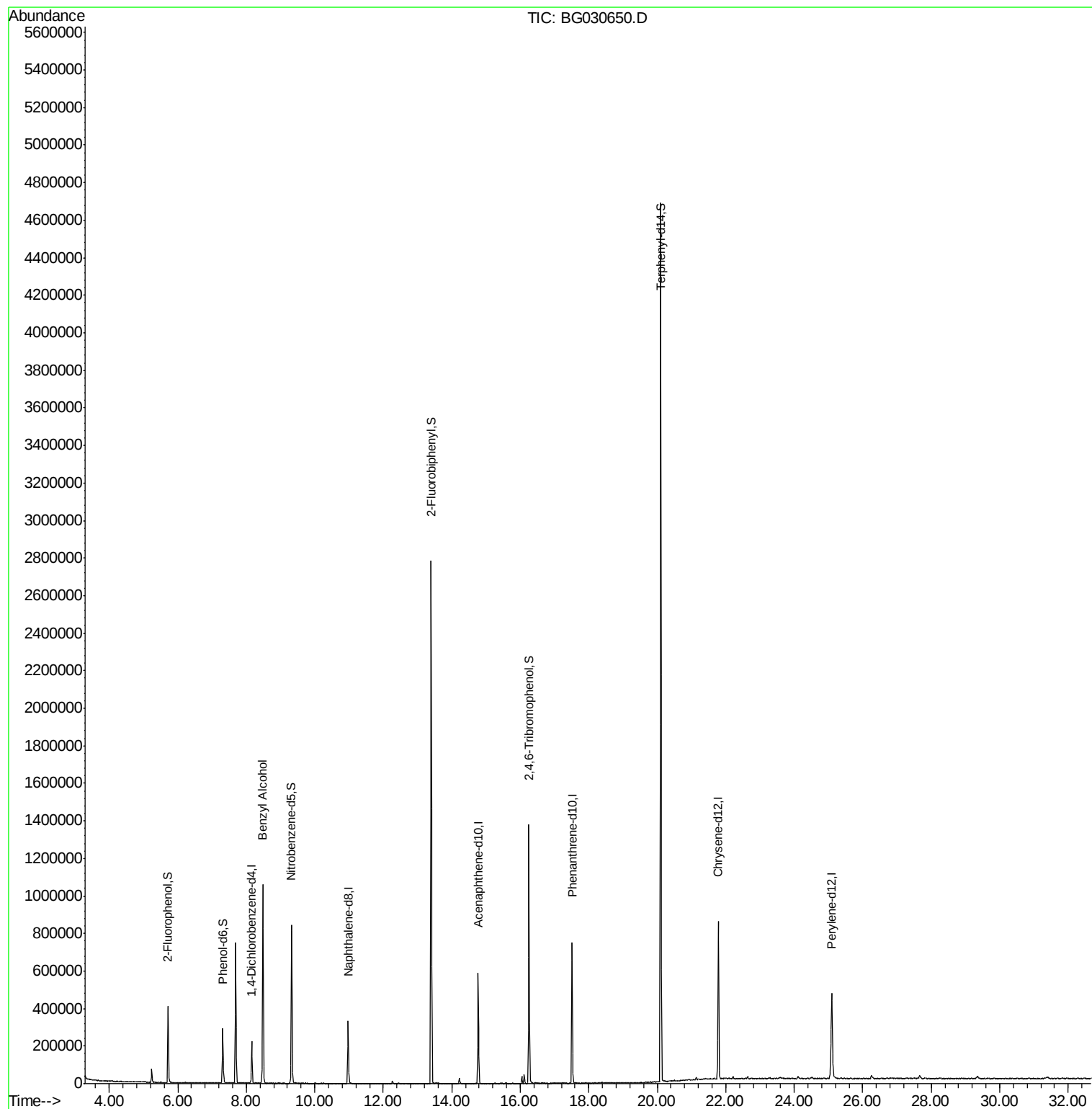
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	65463	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	303349	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	210138	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	474841	20.00	ng	0.00
75) Chrysene-d12	21.78	240	515358	20.00	ng	0.00
86) Perylene-d12	25.09	264	518079	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	194676	49.68	ng	0.00
7) Phenol-d6	7.31	99	181003	32.91	ng	0.00
23) Nitrobenzene-d5	9.32	82	521644	109.28	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	281972	103.93	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1466406	102.35	ng	0.00
78) Terphenyl-d14	20.10	244	2252082	99.41	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	8190	2.113	ng	Qvalue # 43

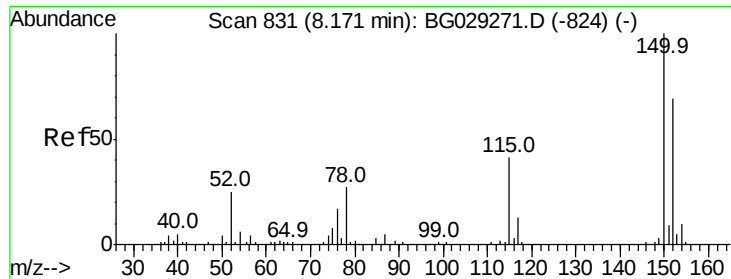
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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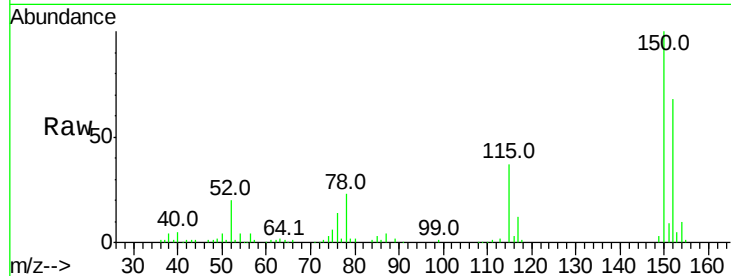


#1

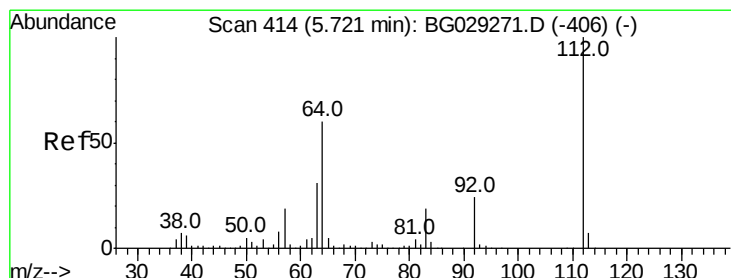
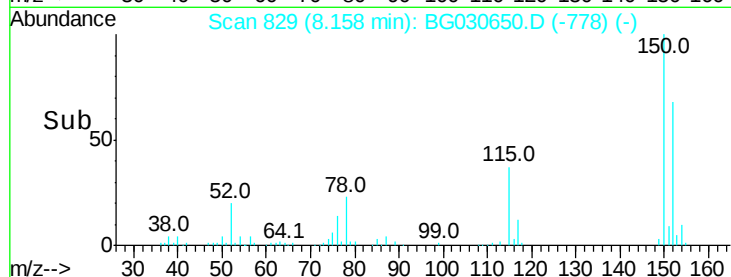
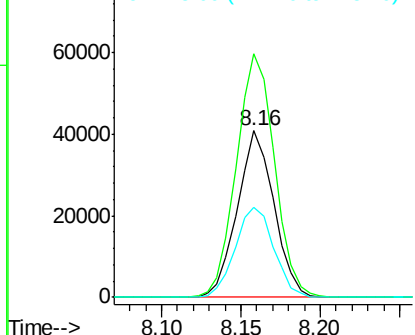
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG030650.D
Acq: 2 Nov 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 65463
Ion Ratio Lower Upper
152 100
150 146.2 126.6 189.8
115 53.8 53.0 79.4



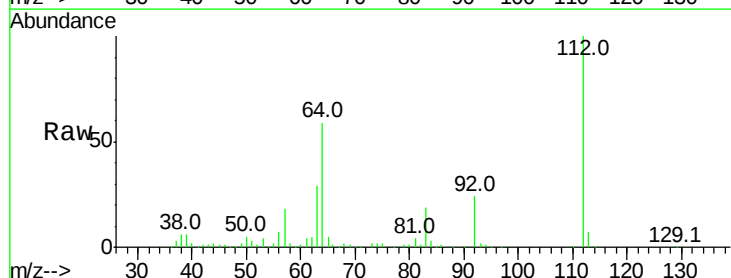
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



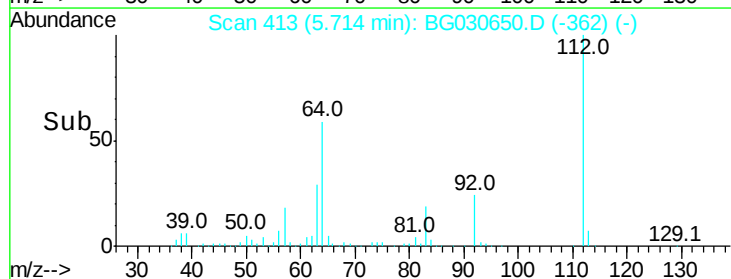
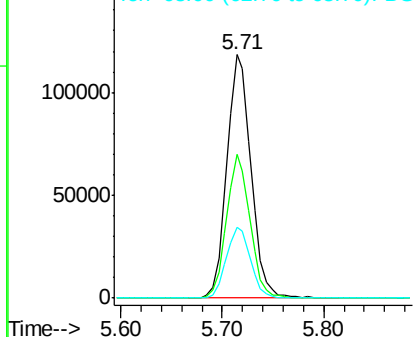
#5

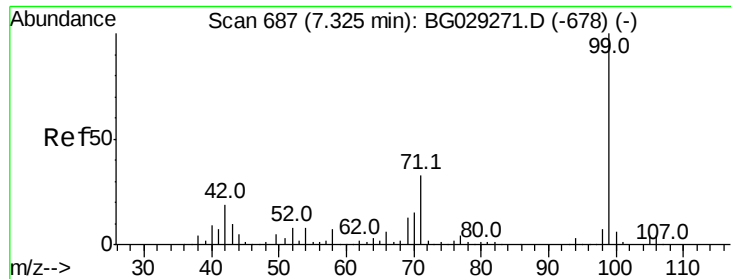
2-Fluorophenol
Concen: 49.679 ng
RT: 5.71 min Scan# 413
Delta R.T. 0.00 min
Lab File: BG030650.D
Acq: 2 Nov 2017 1:09

Tgt Ion:112 Resp: 194676
Ion Ratio Lower Upper
112 100
64 58.8 56.3 84.5
63 29.1 30.1 45.1#



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: 32.907 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

Instrument :

BNA_G

ClientSampled :

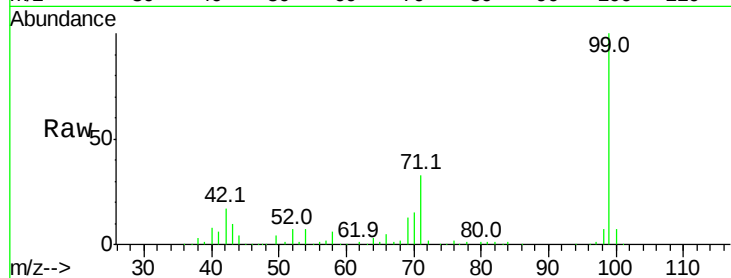
Tot Ion: 99 Resp: 181003

Ion Ratio Lower Upper

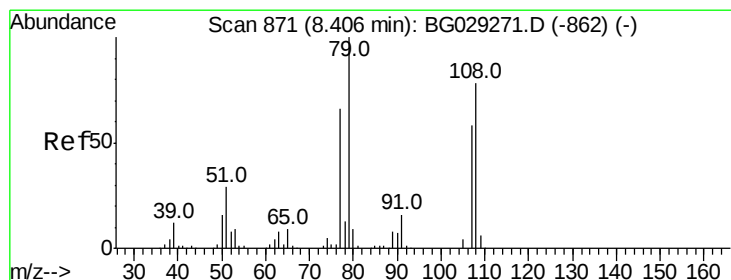
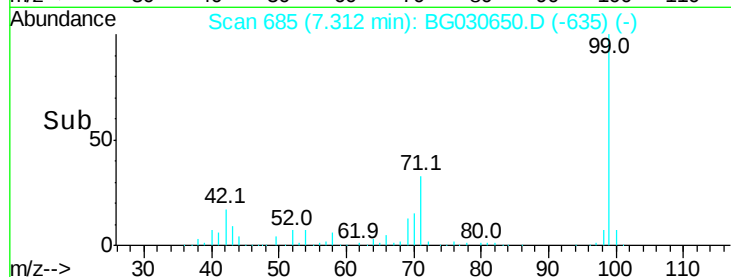
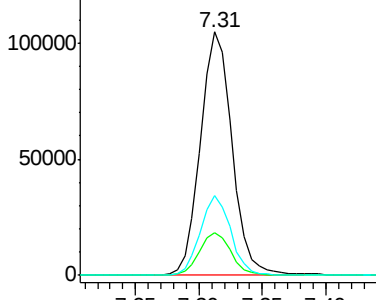
99 100

42 17.4 14.1 21.1

71 33.0 26.1 39.1



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



#15

Benzyl Alcohol

Concen: 2.113 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.09 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

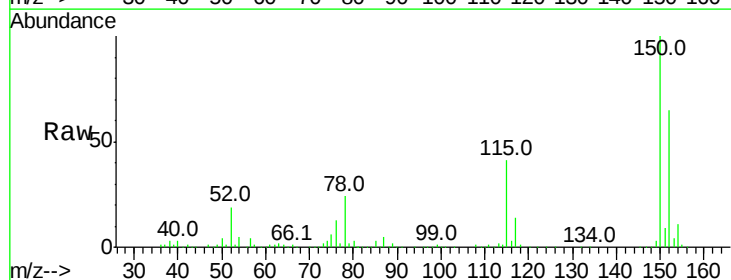
Tgt Ion: 79 Resp: 8190

Ion Ratio Lower Upper

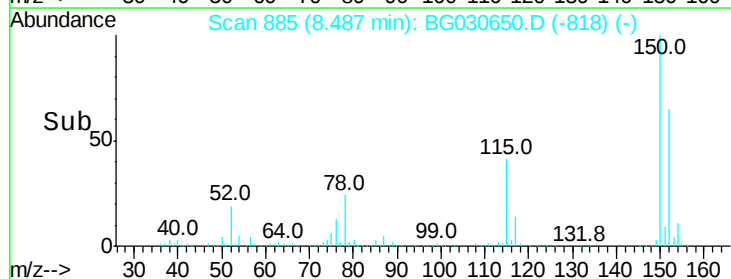
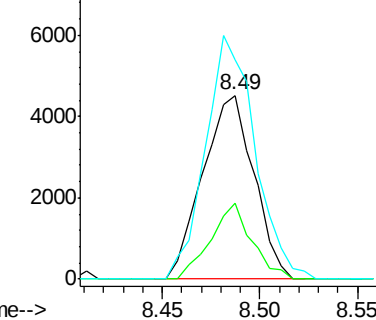
79 100

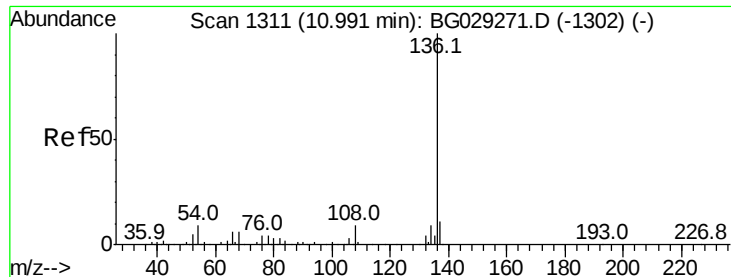
108 41.5 57.2 85.8#

77 119.6 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136 Resp: 303349

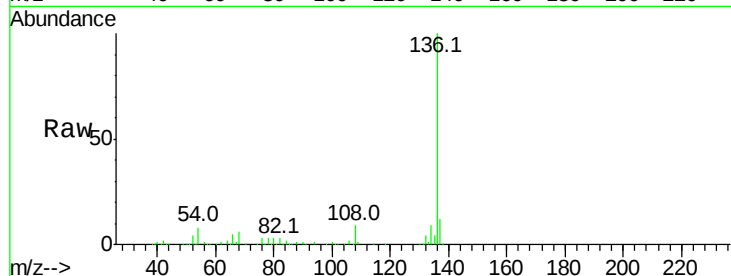
Ion Ratio Lower Upper

136 100

137 11.6 9.2 13.8

54 8.1 10.3 15.5#

68 6.0 4.5 6.7

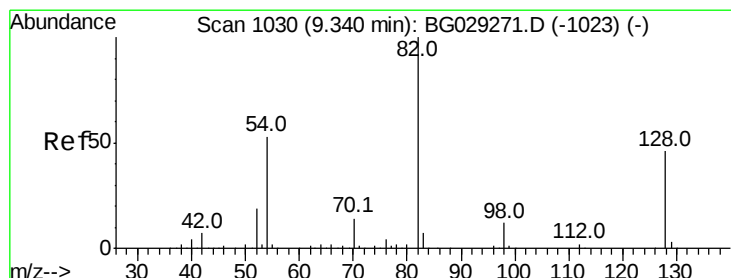
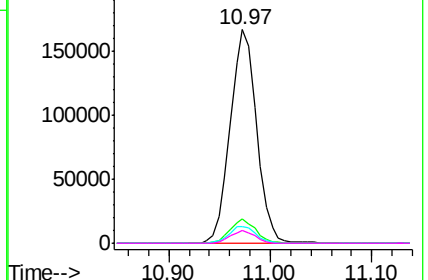
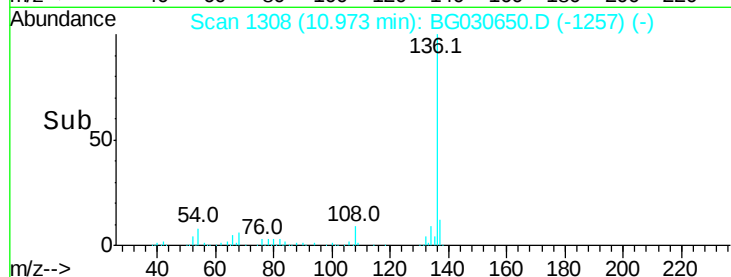


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23

Nitrobenzene-d5

Concen: 109.277 ng

RT: 9.32 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

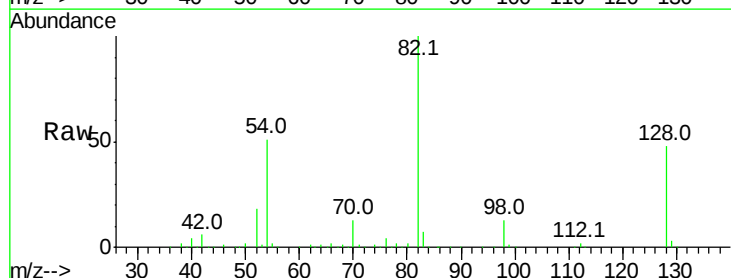
Tgt Ion: 82 Resp: 521644

Ion Ratio Lower Upper

82 100

128 47.5 29.7 44.5#

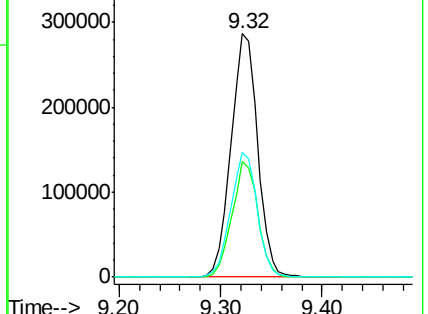
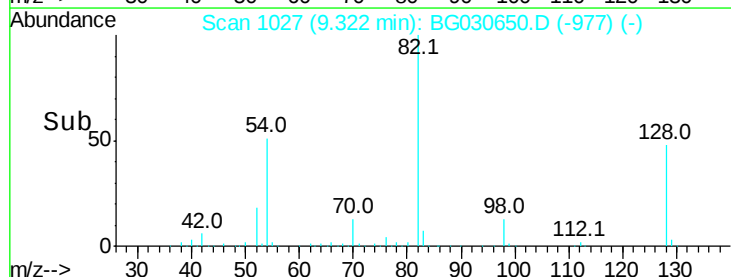
54 51.1 43.1 64.7

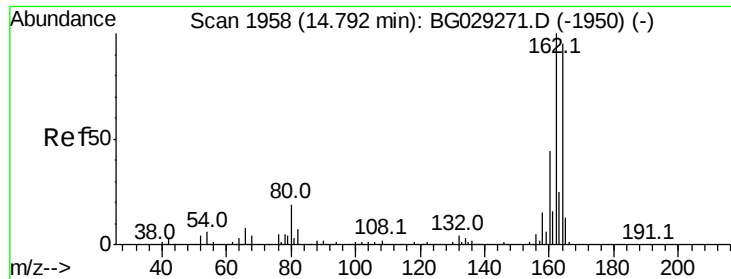


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

Instrument :

BNA_G

ClientSampleId :

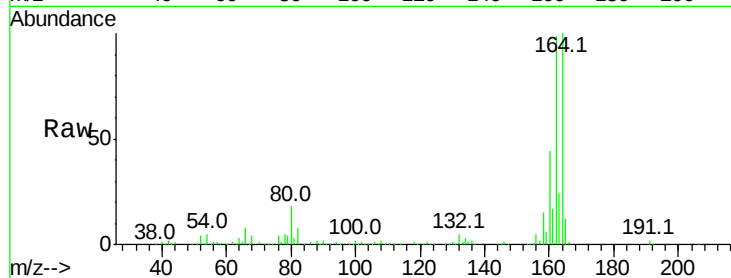
Tot Ion:164 Resp: 210138

Ion Ratio Lower Upper

164 100

162 98.9 78.8 118.2

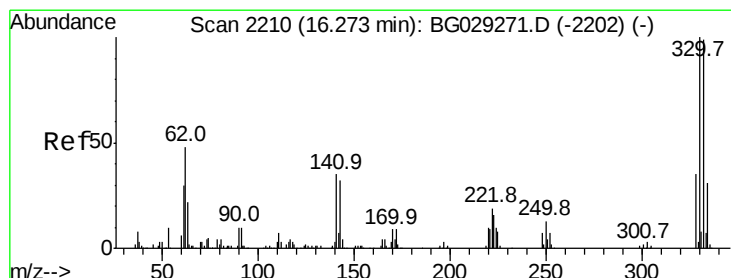
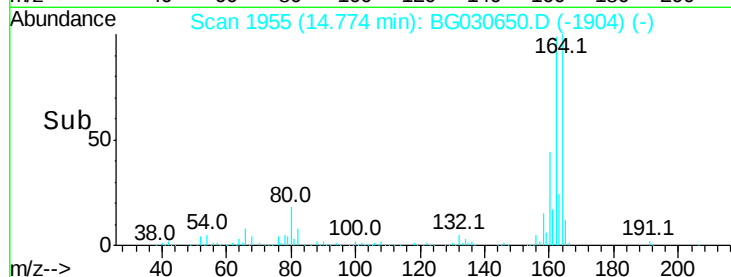
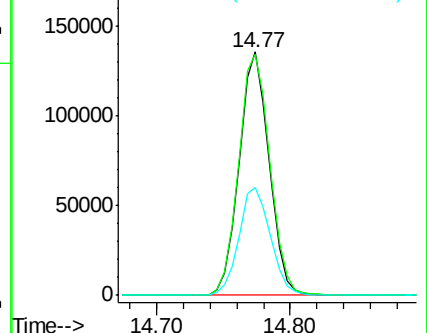
160 44.2 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 103.930 ng

RT: 16.25 min Scan# 2207

Delta R.T. -0.01 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

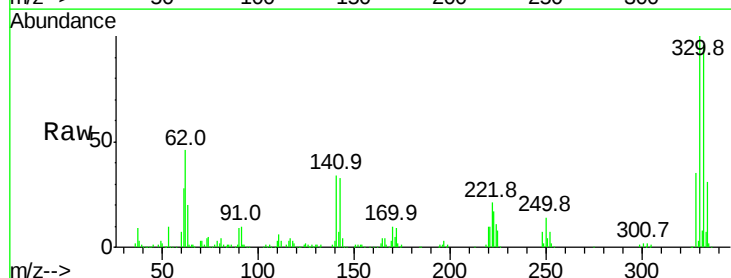
Tgt Ion:330 Resp: 281972

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

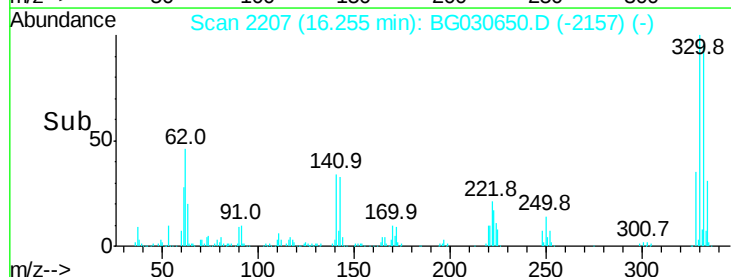
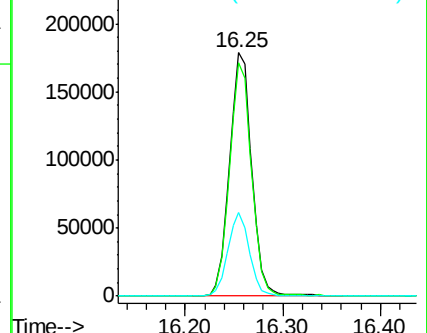
141 33.4 25.2 37.8

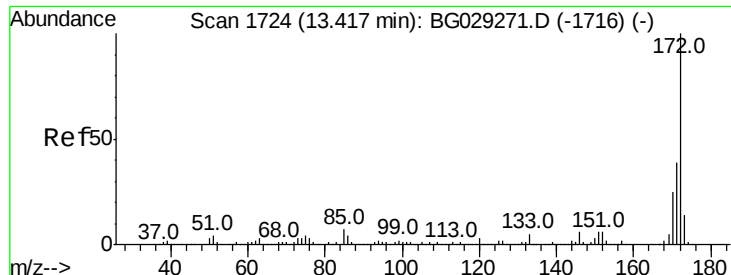


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



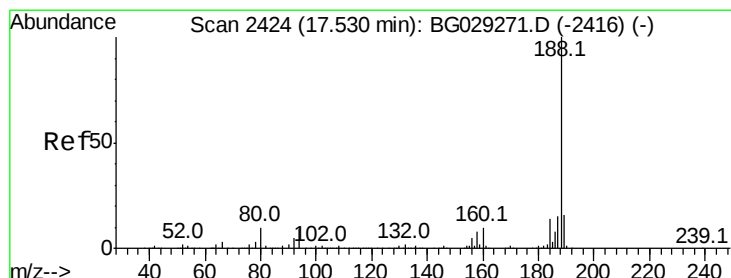
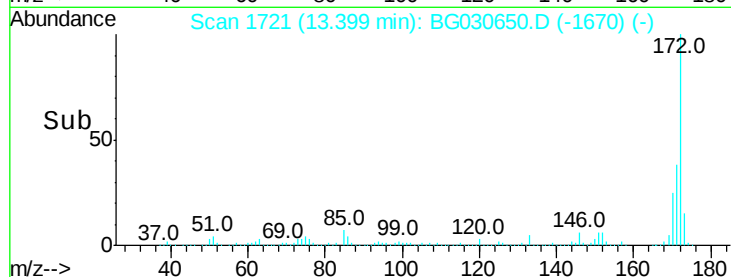
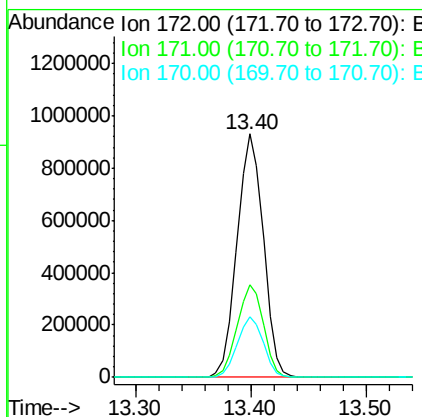
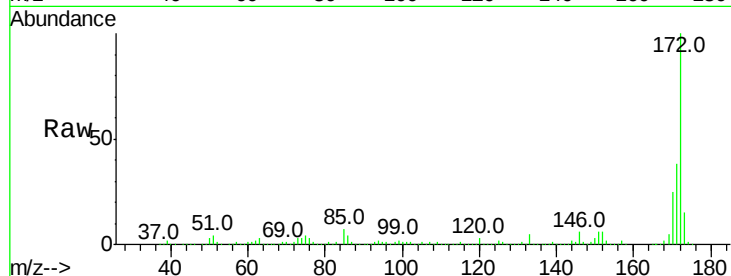


#44
 2-Fluorobiphenyl
 Concen: 102.348 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030650.D
 Acq: 2 Nov 2017 1:09

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1466406

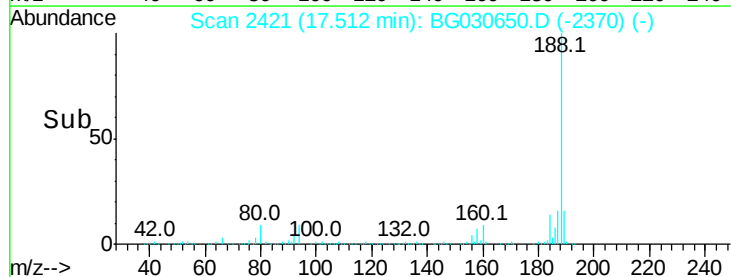
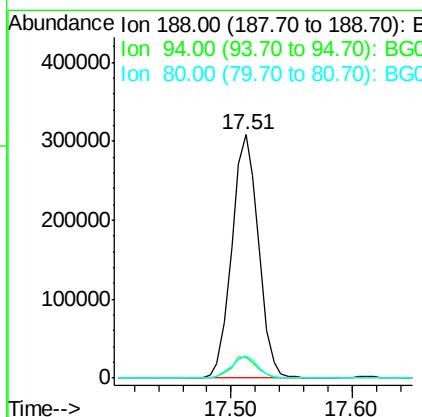
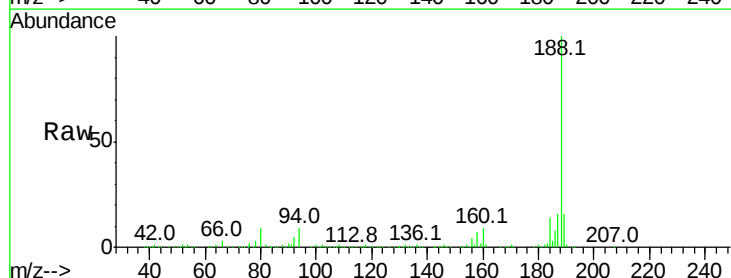
Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.0	19.5	29.3

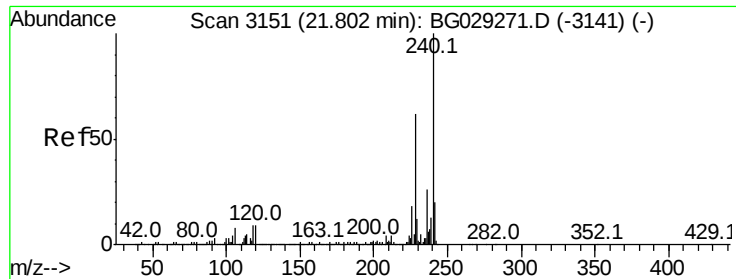


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030650.D
 Acq: 2 Nov 2017 1:09

Tgt Ion:188 Resp: 474841

Ion	Ratio	Lower	Upper
188	100		
94	8.8	6.9	10.3
80	8.9	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

Instrument :

BNA_G

ClientSampleId :

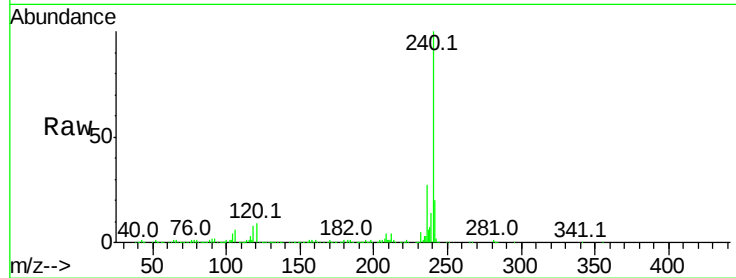
Tot Ion:240 Resp: 515358

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

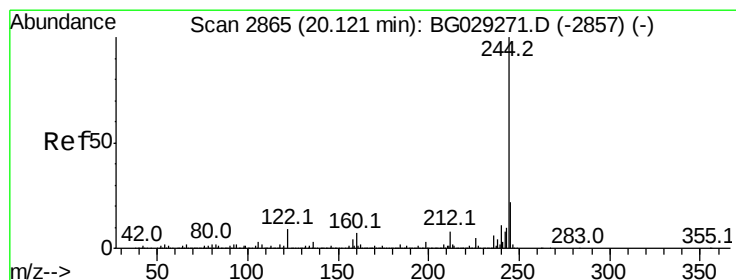
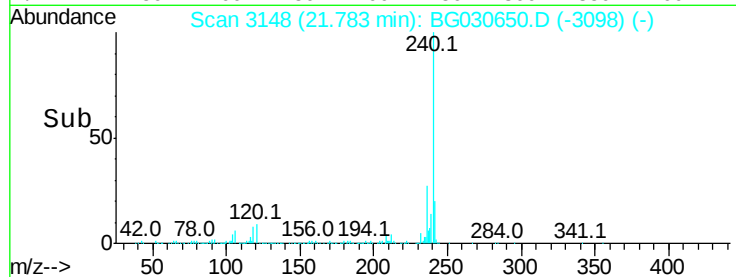
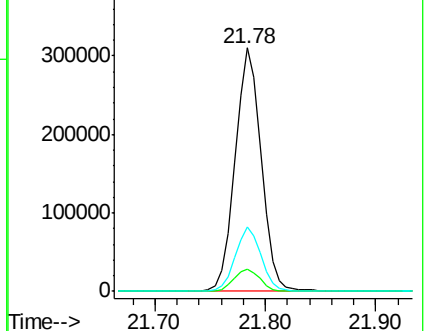
236 26.7 20.9 31.3



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: 99.413 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030650.D

Acq: 2 Nov 2017 1:09

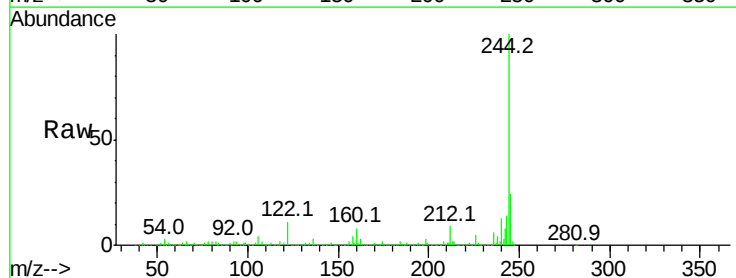
Tgt Ion:244 Resp: 2252082

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

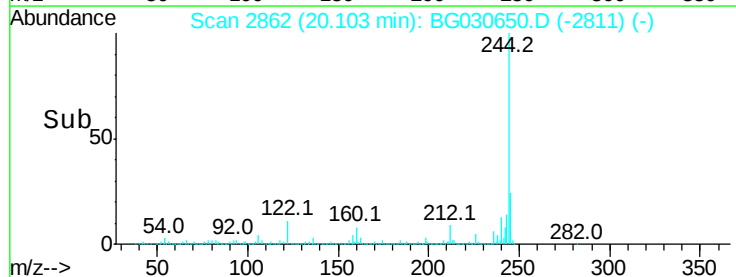
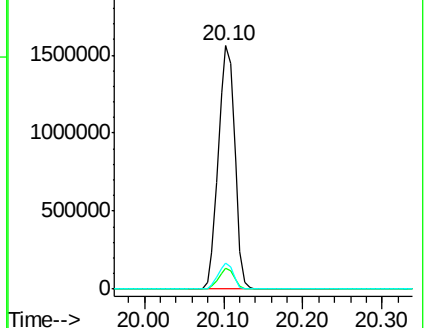
122 10.9 7.0 10.4#

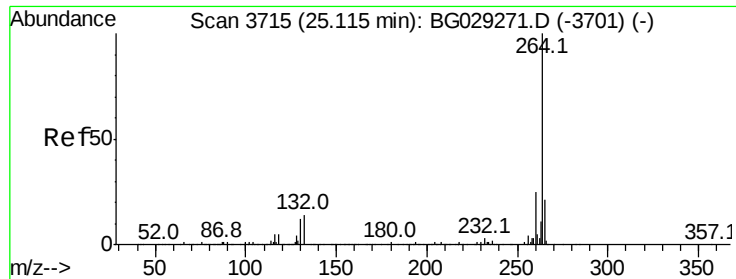


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

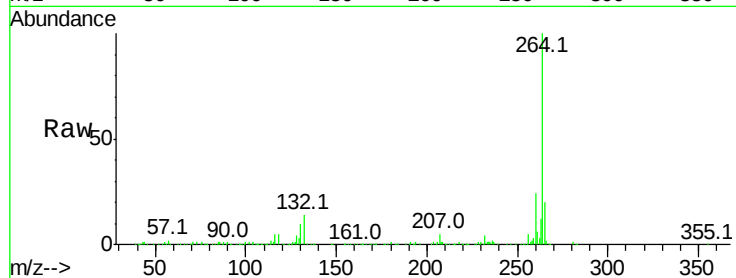




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.01 min
Lab File: BG030650.D
Acq: 2 Nov 2017 1:09

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.1	17.7	26.5



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

