

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030647.D
 Acq On : 1 Nov 2017 23:16
 Operator : SJ/JU
 Sample : I6204-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102617-TIDO-E-D-B

Quant Time: Nov 02 06:53:28 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

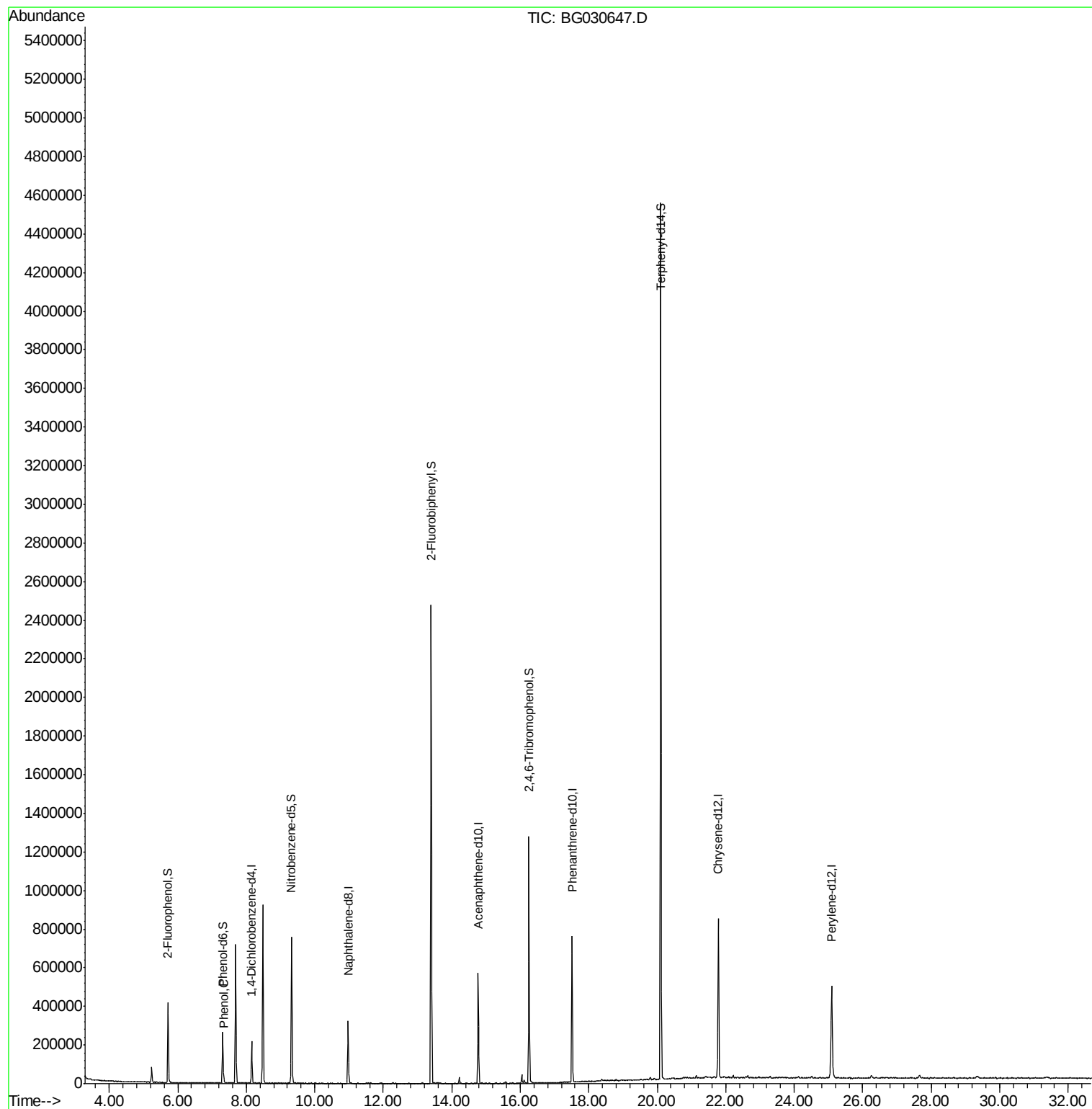
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	62536	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	300141	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	205472	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	474975	20.00	ng	0.00
75) Chrysene-d12	21.78	240	519437	20.00	ng	0.00
86) Perylene-d12	25.09	264	519790	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	192831	51.51	ng	0.00
7) Phenol-d6	7.31	99	168787	32.12	ng	0.00
23) Nitrobenzene-d5	9.32	82	473447	100.24	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	260445	98.18	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1333070	95.15	ng	0.00
78) Terphenyl-d14	20.10	244	2098459	91.90	ng	0.00
Target Compounds						
10) Phenol	7.34	94	11815	2.086	ng	Qvalue 87

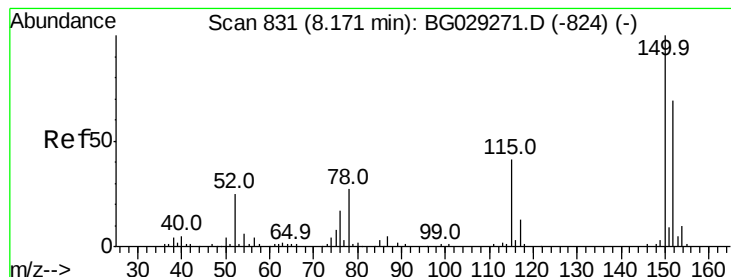
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampleId :

102617-TIDO-E-D-B

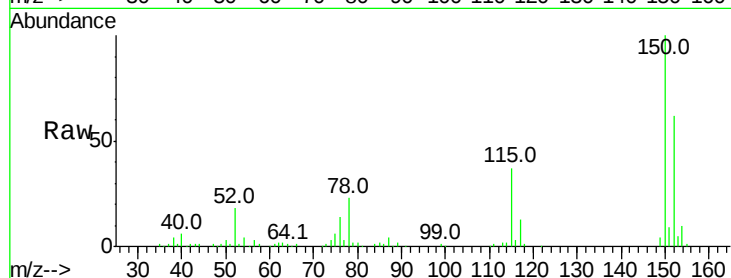
Tot Ion:152 Resp: 62536

Ion Ratio Lower Upper

152 100

150 162.5 126.6 189.8

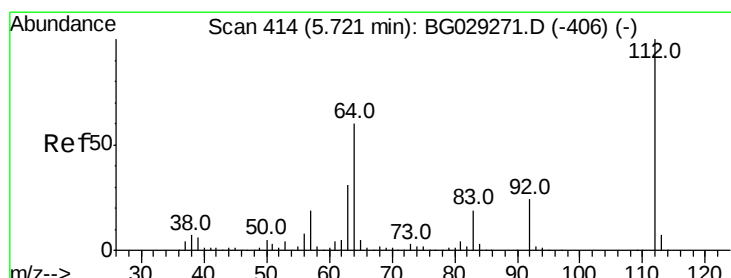
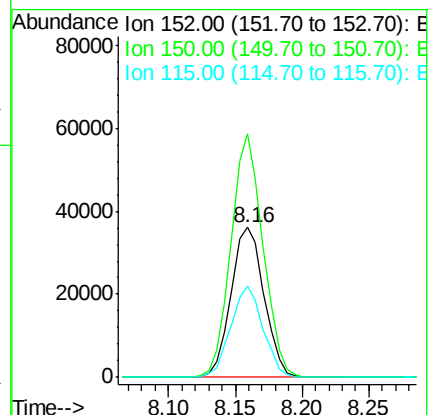
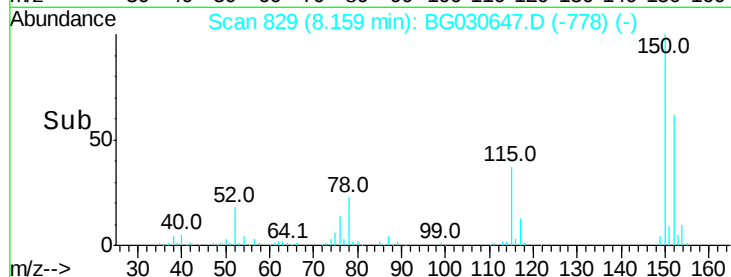
115 60.7 53.0 79.4



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: 51.512 ng

RT: 5.72 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

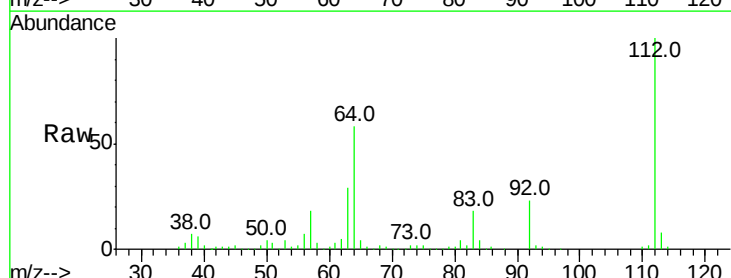
Tgt Ion:112 Resp: 192831

Ion Ratio Lower Upper

112 100

64 58.0 56.3 84.5

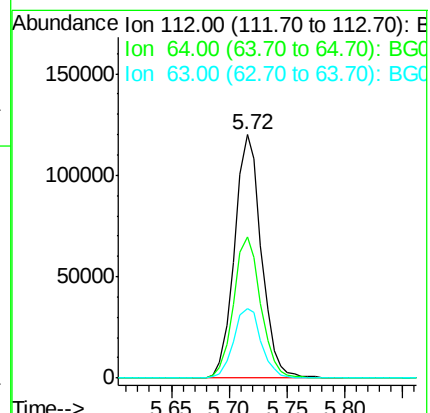
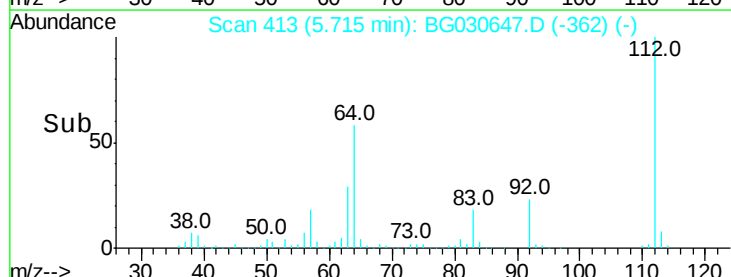
63 28.6 30.1 45.1#

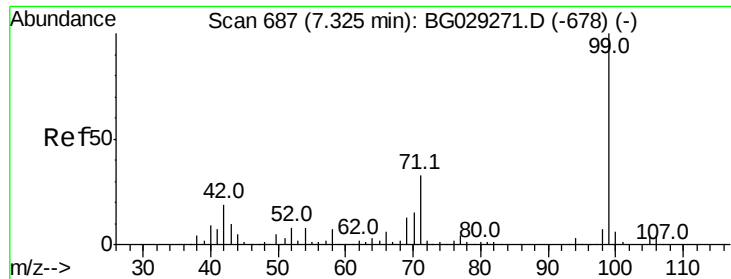


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 32.122 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampleId :

102617-TIDO-E-D-B

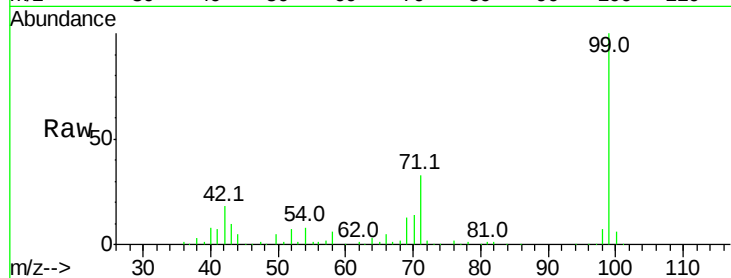
Tot Ion: 99 Resp: 168787

Ion Ratio Lower Upper

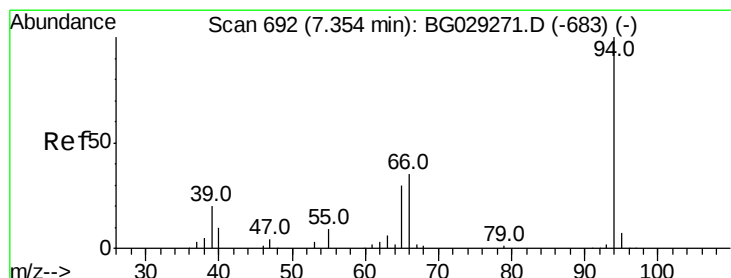
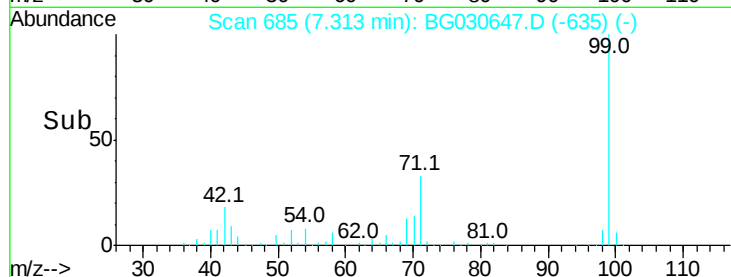
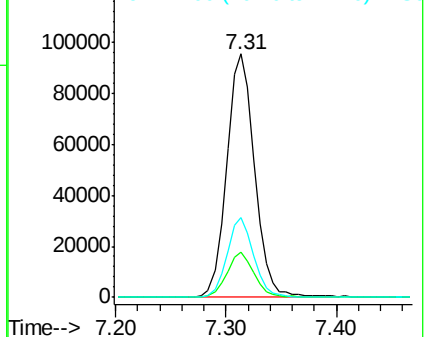
99 100

42 18.5 14.1 21.1

71 32.8 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



#10

Phenol

Concen: 2.086 ng

RT: 7.34 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

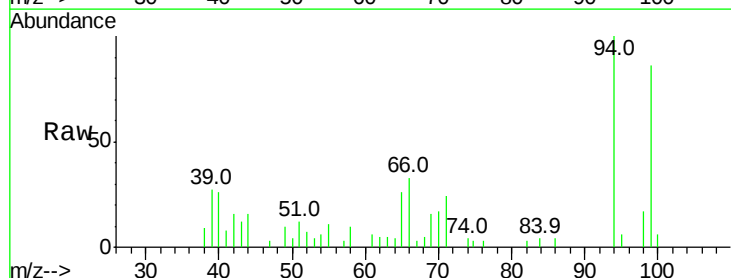
Tgt Ion: 94 Resp: 11815

Ion Ratio Lower Upper

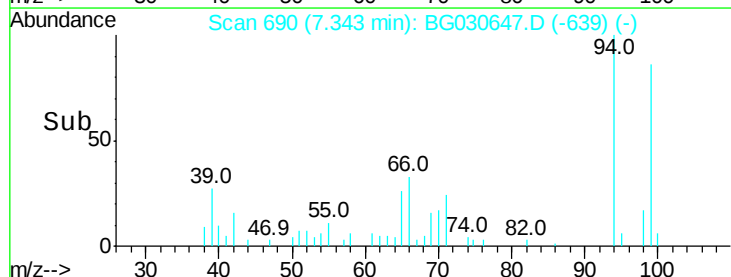
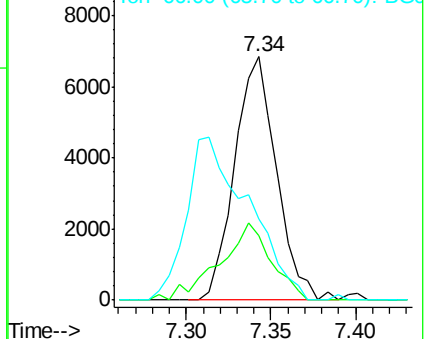
94 100

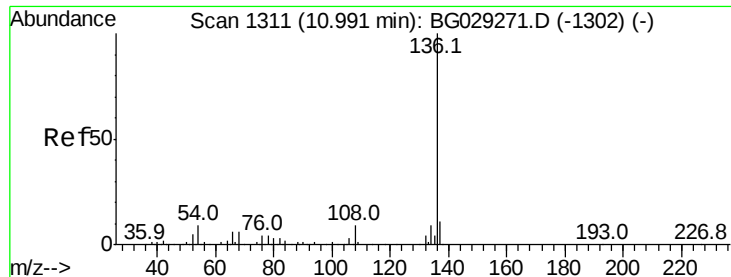
65 26.3 11.9 51.9

66 33.1 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

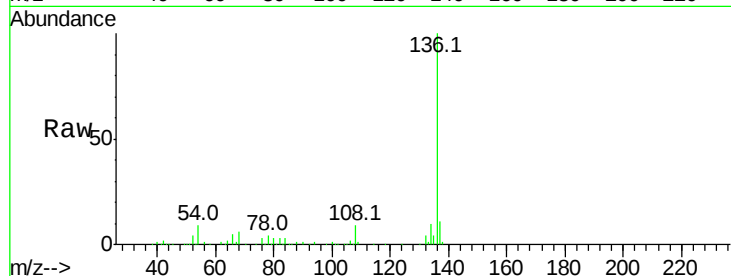




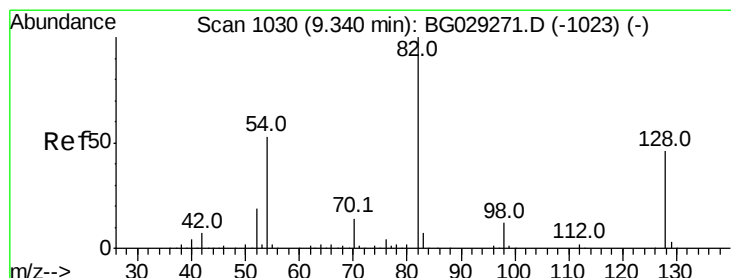
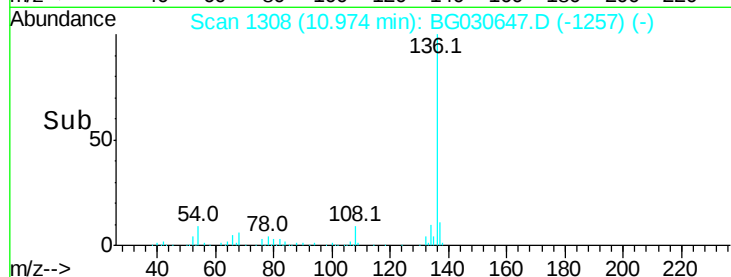
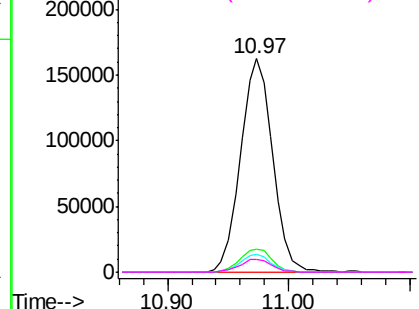
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Instrument :
BNA_G
ClientSampleId :
102617-TIDO-E-D-B

Tot Ion:136	Resp:	300141
Ion	Ratio	Lower Upper
136	100	
137	11.0	9.2 13.8
54	8.6	10.3 15.5#
68	6.2	4.5 6.7

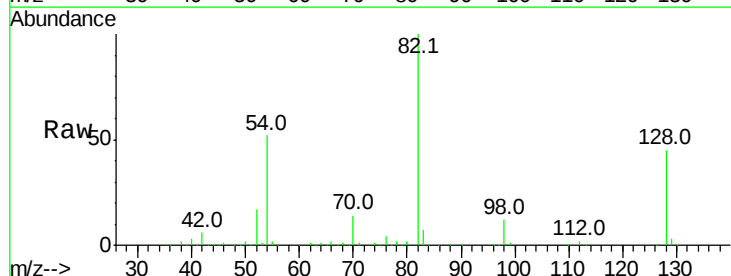


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

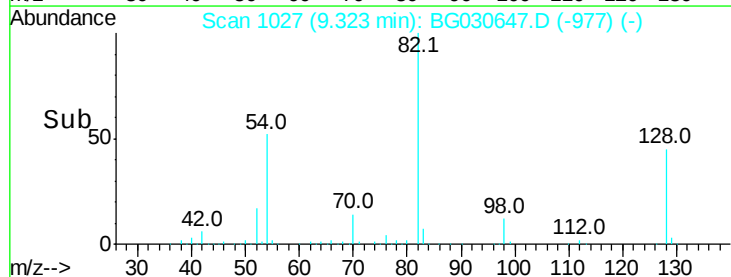
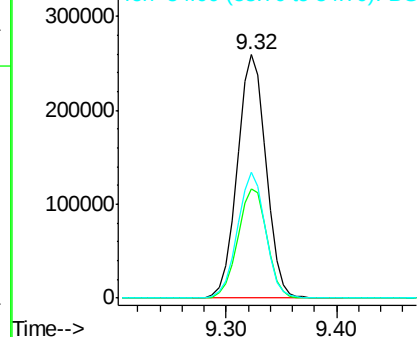


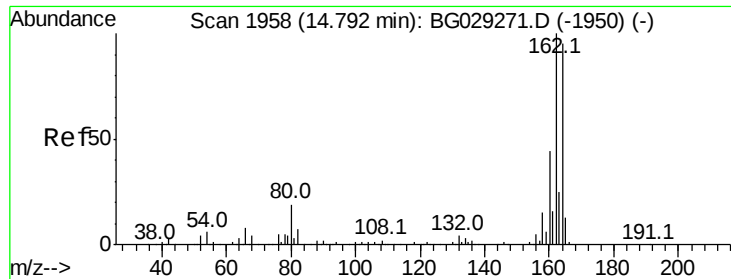
#23
Nitrobenzene-d5
Concen: 100.240 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Tgt Ion: 82	Resp:	473447
Ion	Ratio	Lower Upper
82	100	
128	45.1	29.7 44.5#
54	51.8	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: 14.78 min Scan# 1955

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampleId :

102617-TIDO-E-D-B

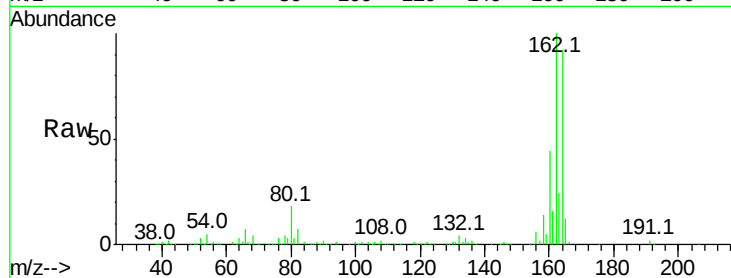
Tot Ion:164 Resp: 205472

Ion Ratio Lower Upper

164 100

162 108.9 78.8 118.2

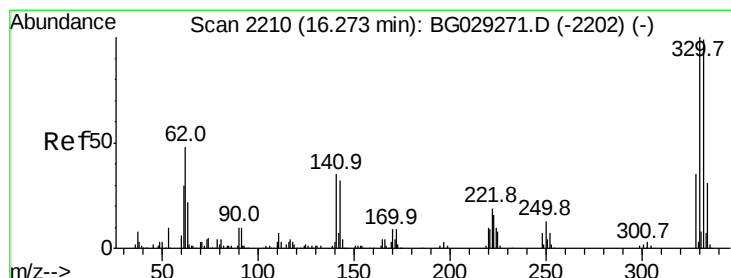
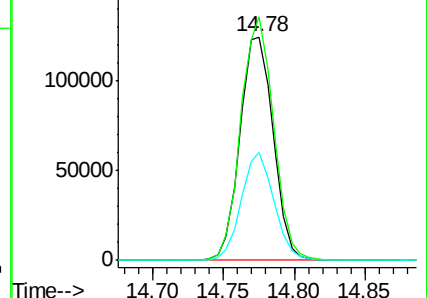
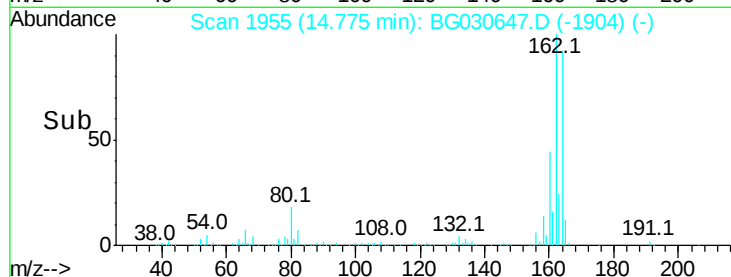
160 48.4 35.4 53.0



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: 98.175 ng

RT: 16.26 min Scan# 2207

Delta R.T. -0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

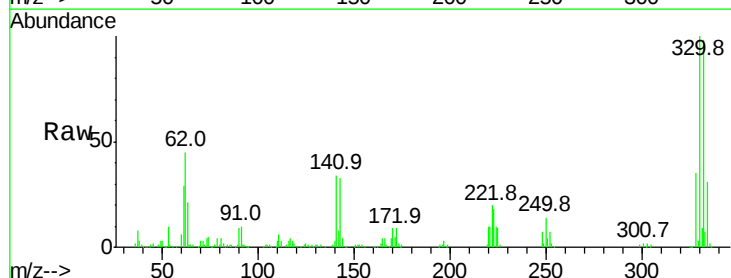
Tgt Ion:330 Resp: 260445

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

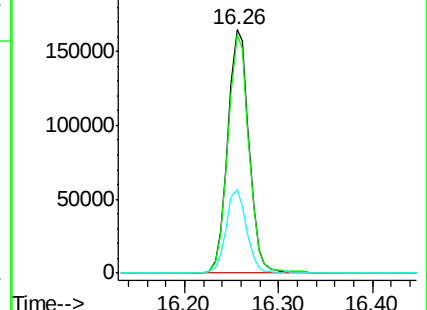
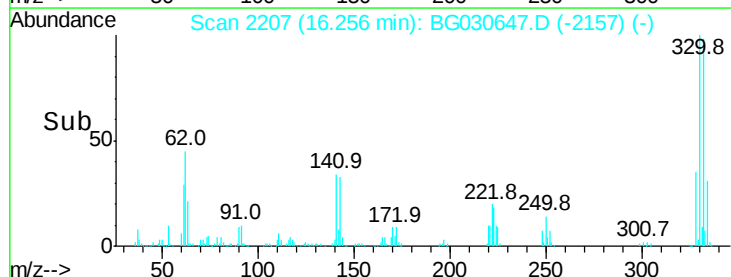
141 33.2 25.2 37.8

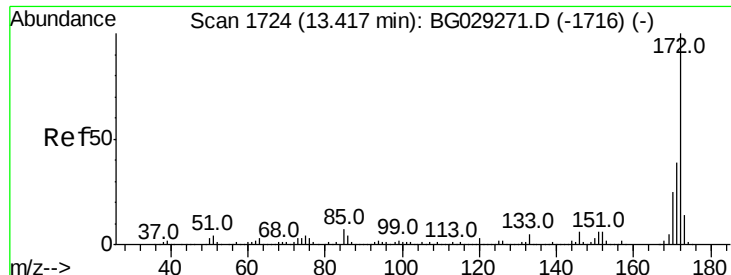


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



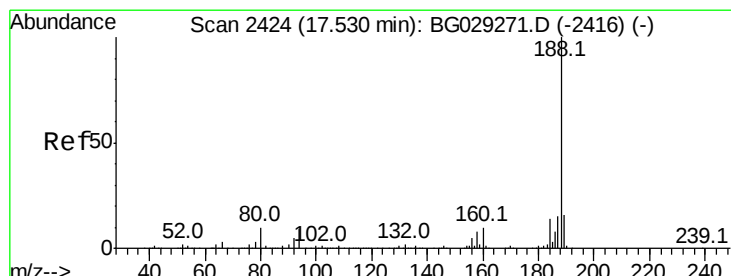
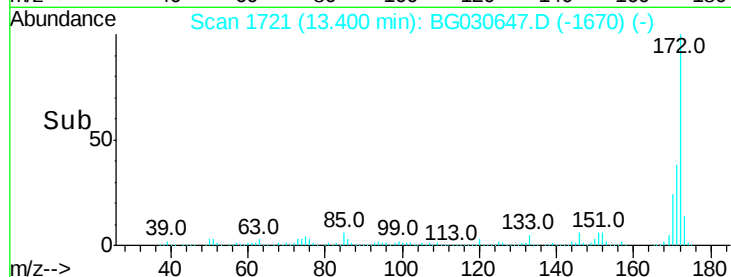
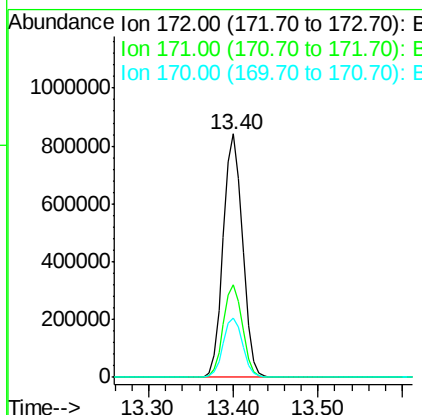
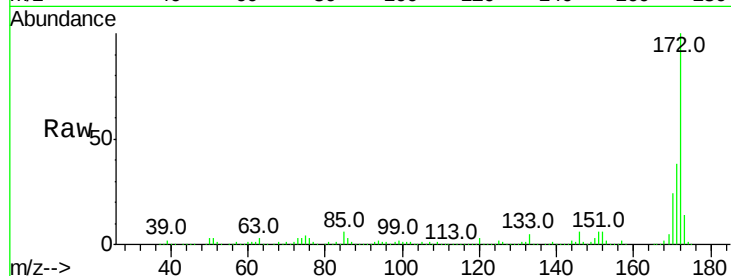


#44
 2-Fluorobiphenyl
 Concen: 95.154 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030647.D
 Acq: 1 Nov 2017 23:16

Instrument :
 BNA_G
 ClientSampleId :
 102617-TIDO-E-D-B

Tot Ion:172 Resp: 1333070

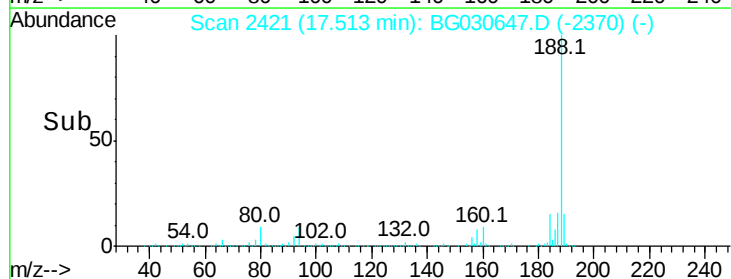
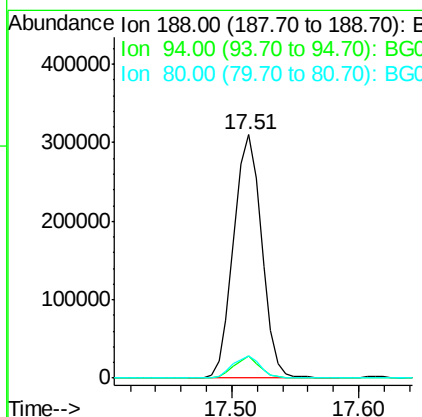
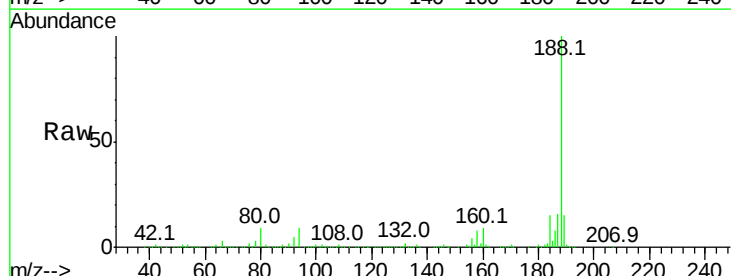
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.5	19.5	29.3

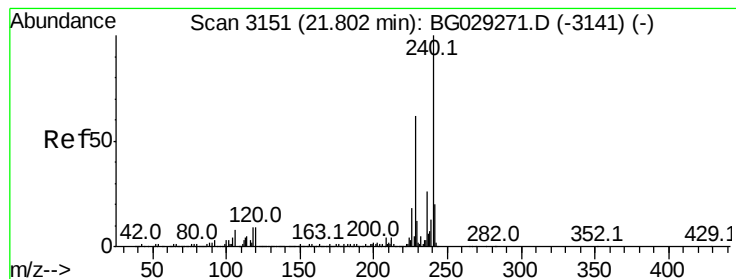


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.51 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BG030647.D
 Acq: 1 Nov 2017 23:16

Tgt Ion:188 Resp: 474975

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	9.3	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3148

Delta R.T. -0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

Instrument :

BNA_G

ClientSampleId :

102617-TIDO-E-D-B

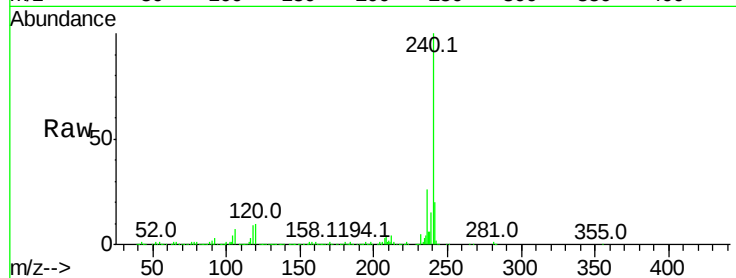
Tot Ion:240 Resp: 519437

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

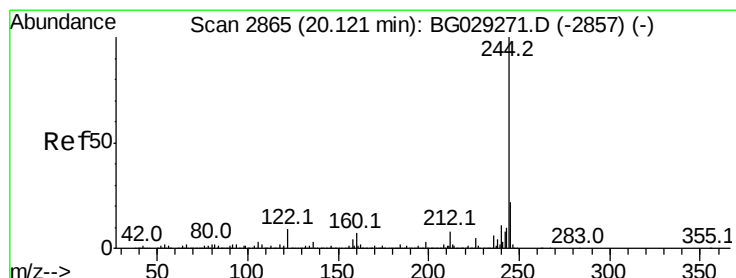
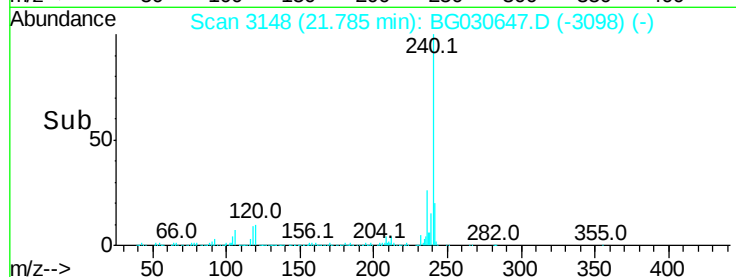
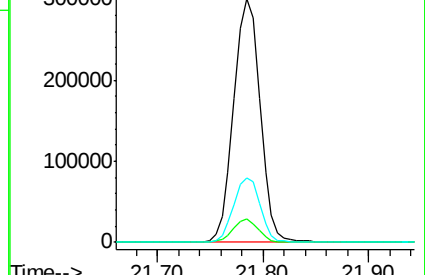
236 26.5 20.9 31.3



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: 91.904 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030647.D

Acq: 1 Nov 2017 23:16

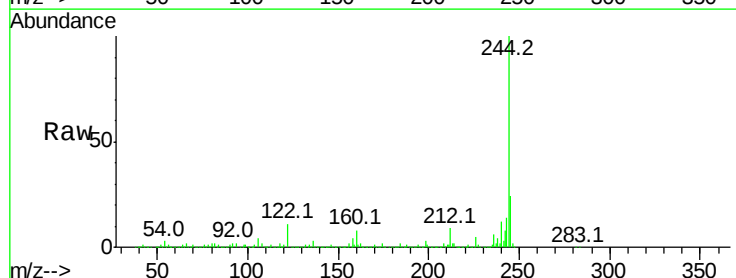
Tgt Ion:244 Resp: 2098459

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

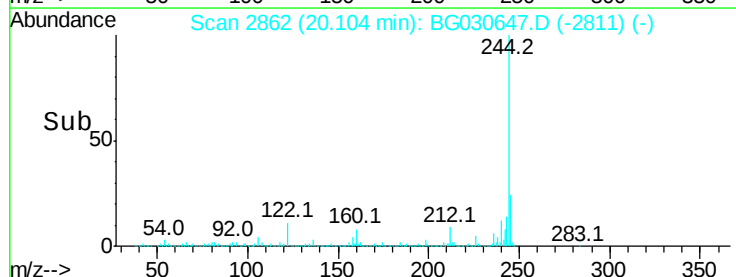
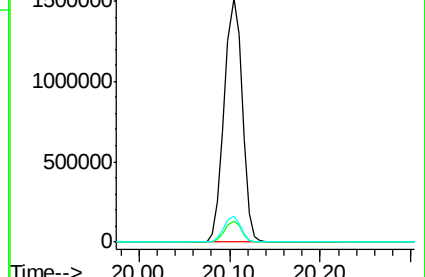
122 10.6 7.0 10.4#

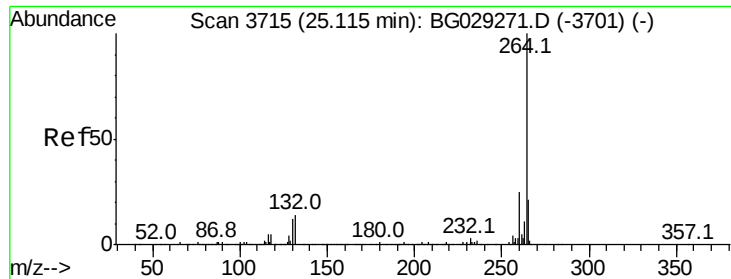


Abundance Ion 244.00 (243.70 to 244.70): E

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. -0.00 min
Lab File: BG030647.D
Acq: 1 Nov 2017 23:16

Instrument :
BNA_G
ClientSampleId :
102617-TIDO-E-D-B

Tot Ion: 264 Resp: 519790

Ion	Ratio	Lower	Upper
264	100		
260	23.5	17.4	26.0
265	21.7	17.7	26.5

