

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030654.D
 Acq On : 2 Nov 2017 3:38
 Operator : SJ/JU
 Sample : I6205-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 102517-TIDO-F-U-S

Quant Time: Nov 02 07:06:37 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	66741	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	313610	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	214038	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	491941	20.00	ng	0.00
75) Chrysene-d12	21.78	240	536657	20.00	ng	0.00
86) Perylene-d12	25.09	264	531342	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	218863	54.78	ng	0.00
7) Phenol-d6	7.31	99	220165	39.26	ng	0.00
23) Nitrobenzene-d5	9.32	82	539799	109.38	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	291805	105.59	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1495225	102.46	ng	0.00
78) Terphenyl-d14	20.10	244	2335417	99.00	ng	0.00

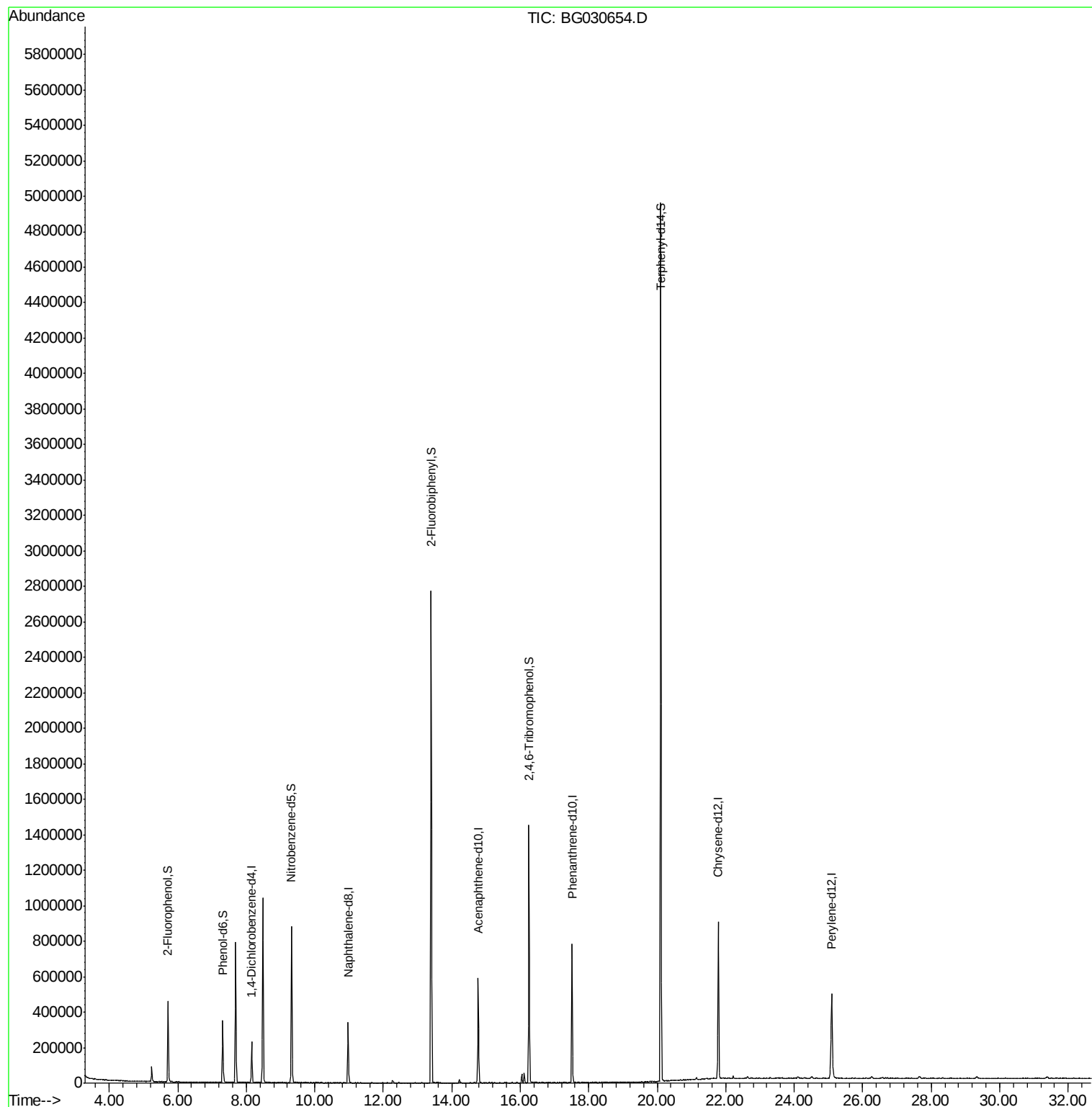
Target Compounds Qvalue

(#) = 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: BG030654.D

Acq: 2 Nov 2017 3:38

Instrument :

BNA_G

ClientSampleId :

102517-TIDO-F-U-S

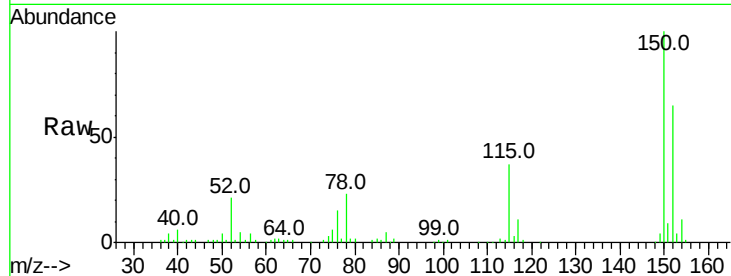
Tot Ion:152 Resp: 66741

Ion Ratio Lower Upper

152 100

150 154.7 126.6 189.8

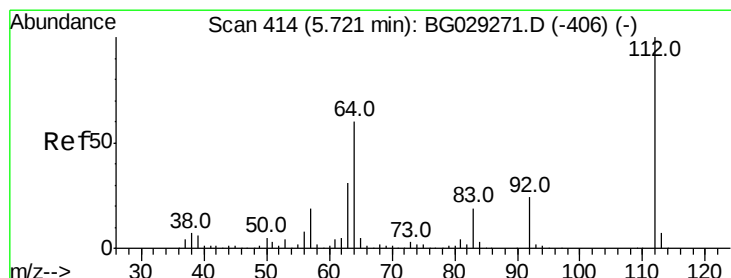
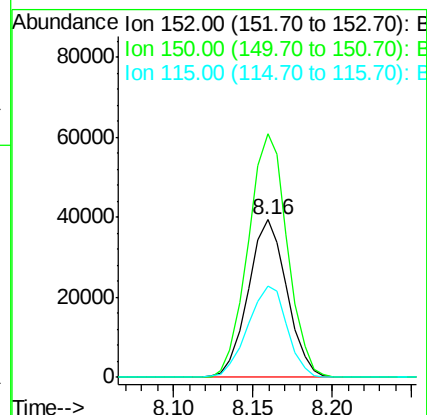
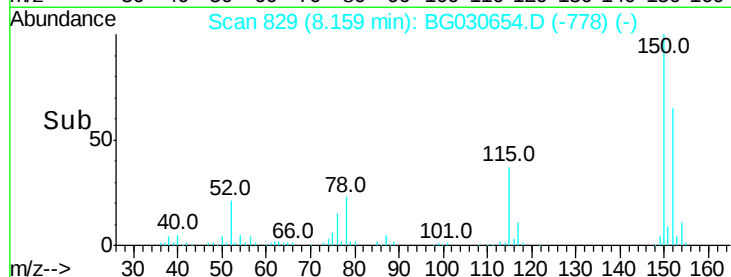
115 57.8 53.0 79.4



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: 54.782 ng

RT: 5.71 min Scan# 413

Delta R.T. 0.00 min

Lab File: BG030654.D

Acq: 2 Nov 2017 3:38

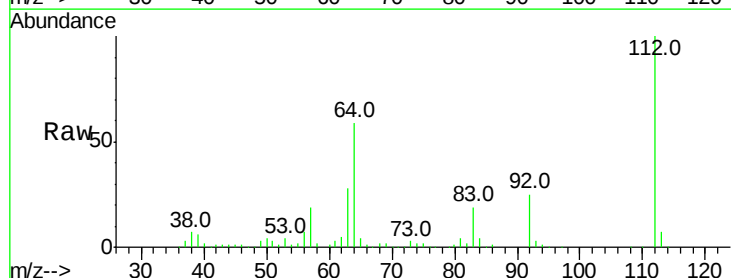
Tgt Ion:112 Resp: 218863

Ion Ratio Lower Upper

112 100

64 59.3 56.3 84.5

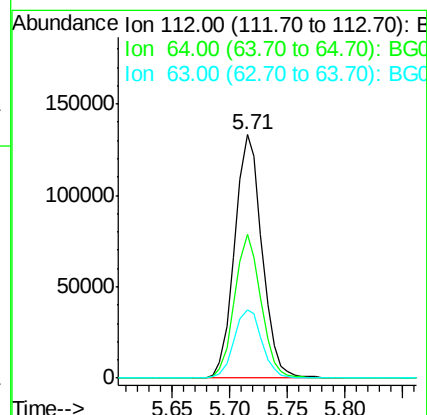
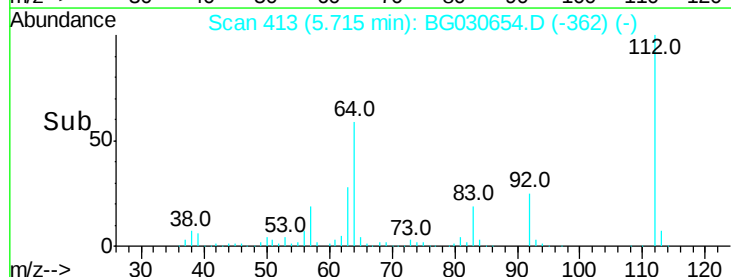
63 28.3 30.1 45.1#

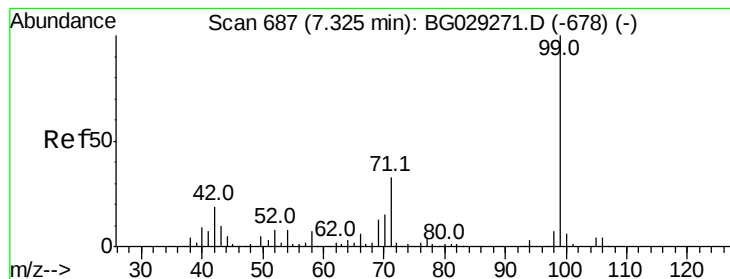


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.260 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG030654.D

Acq: 2 Nov 2017 3:38

Instrument :

BNA_G

ClientSampleId :

102517-TIDO-F-U-S

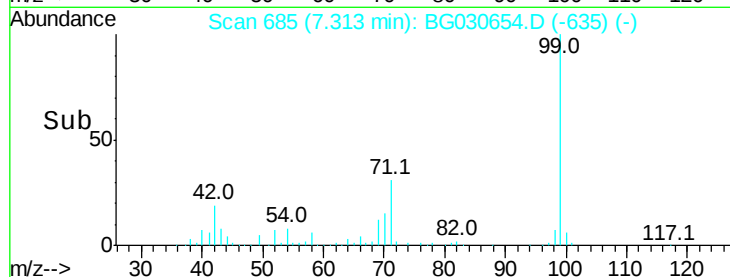
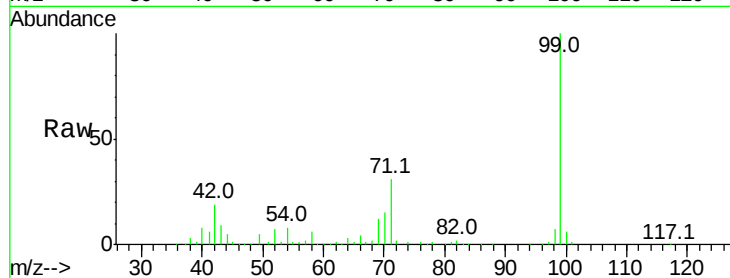
Tot Ion: 99 Resp: 220165

Ion Ratio Lower Upper

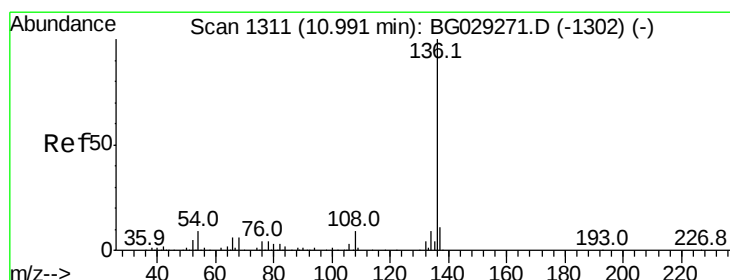
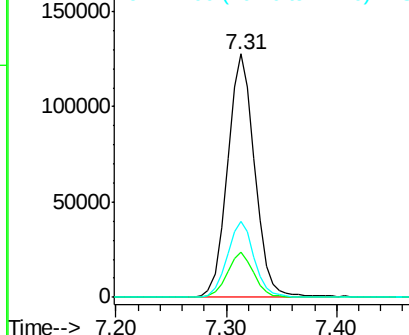
99 100

42 18.8 14.1 21.1

71 31.4 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG030654.D

Acq: 2 Nov 2017 3:38

Tgt Ion: 136 Resp: 313610

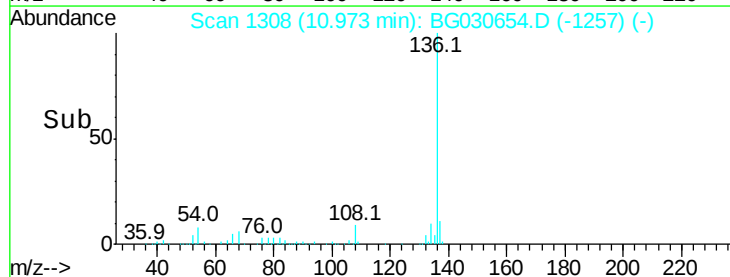
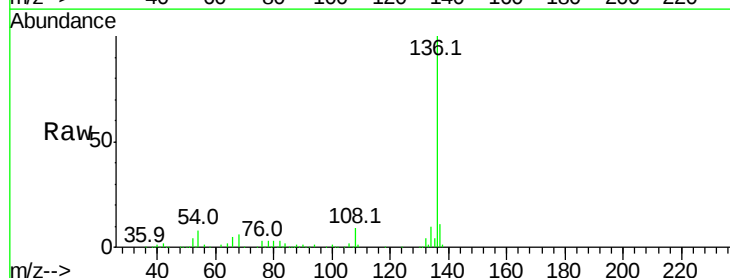
Ion Ratio Lower Upper

136 100

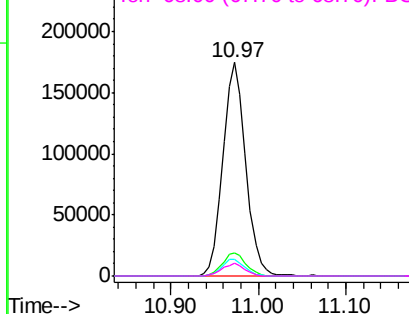
137 11.1 9.2 13.8

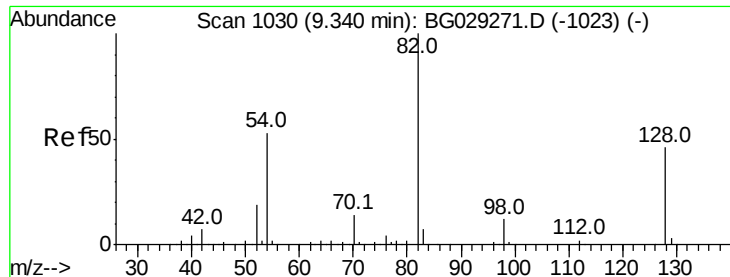
54 8.0 10.3 15.5#

68 6.0 4.5 6.7



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

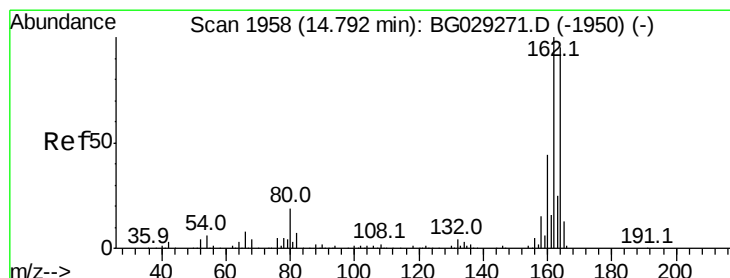
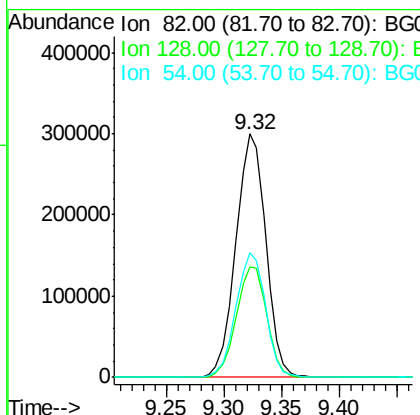
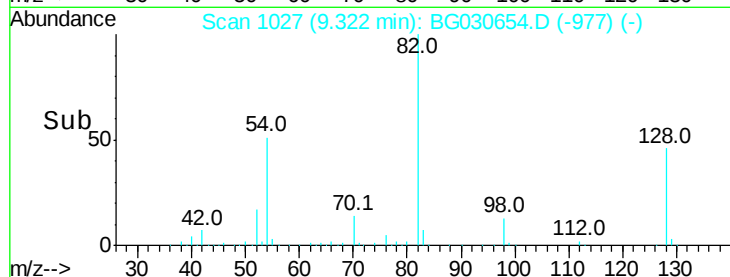
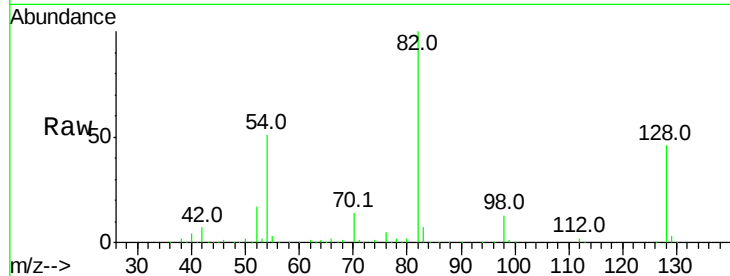




#23
Nitrobenzene-d5
Concen: 109.380 ng
RT: 9.32 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG030654.D
Acq: 2 Nov 2017 3:38

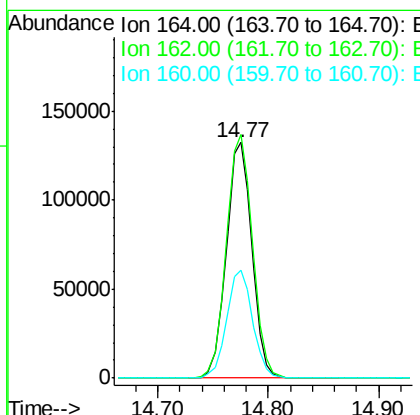
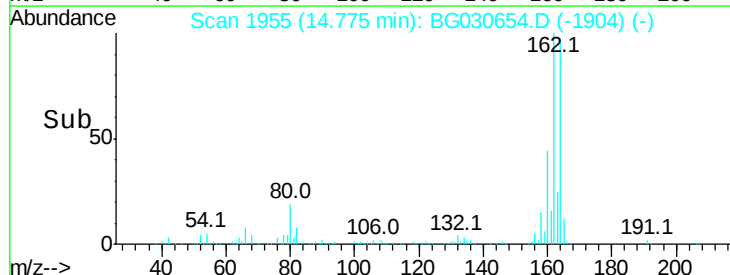
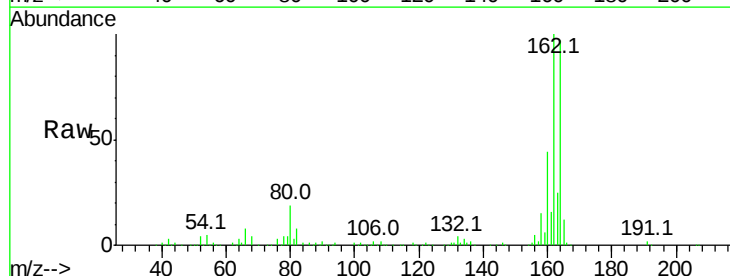
Instrument :
BNA_G
ClientSampleId :
102517-TIDO-F-U-S

Tot Ion: 82 Resp: 539799
Ion Ratio Lower Upper
82 100
128 45.5 29.7 44.5#
54 51.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1955
Delta R.T. 0.00 min
Lab File: BG030654.D
Acq: 2 Nov 2017 3:38

Tgt Ion:164 Resp: 214038
Ion Ratio Lower Upper
164 100
162 103.3 78.8 118.2
160 45.8 35.4 53.0

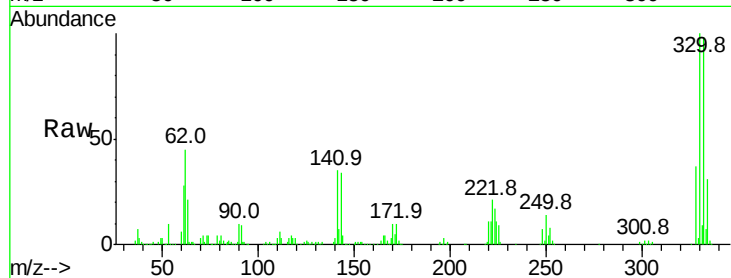




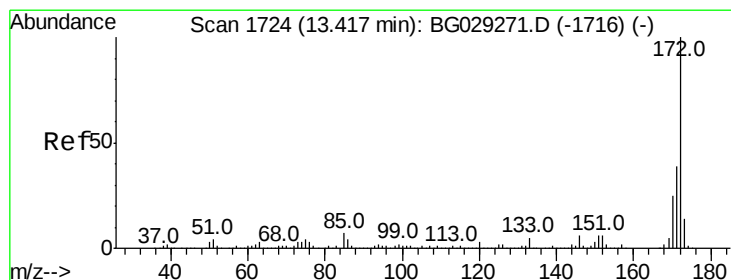
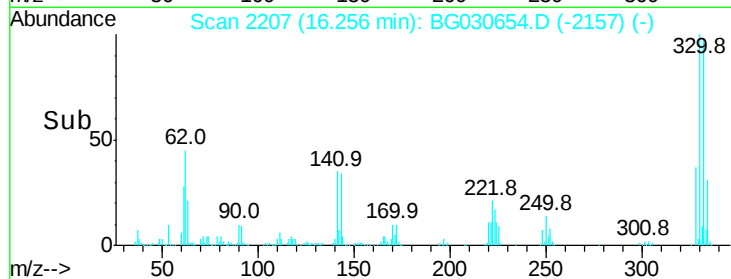
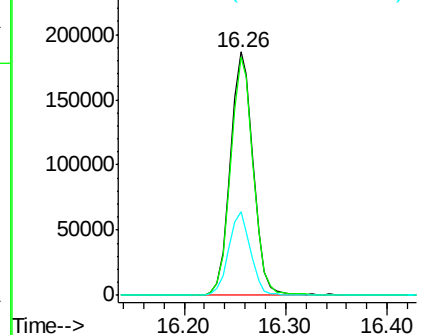
#41
 2,4,6-Tribromophenol
 Concen: 105.594 ng
 RT: 16.26 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: BG030654.D
 Acq: 2 Nov 2017 3:38

Instrument :
 BNA_G
 ClientSampleId :
 102517-TIDO-F-U-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	33.0	25.2	37.8

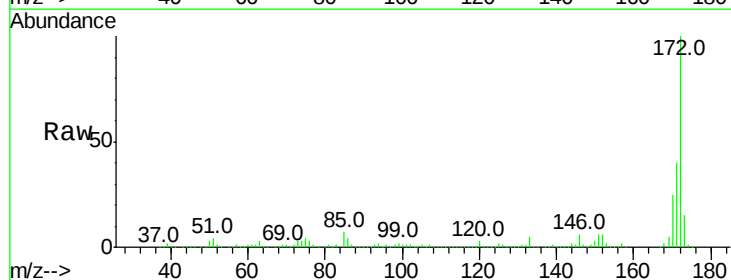


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

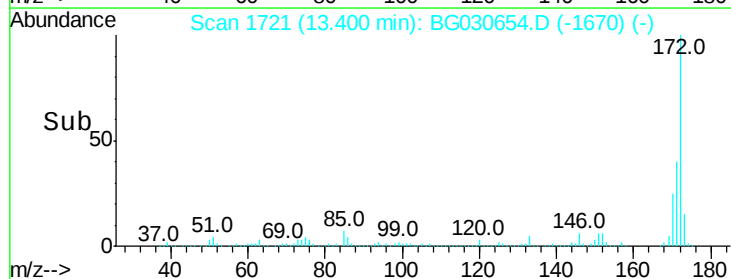
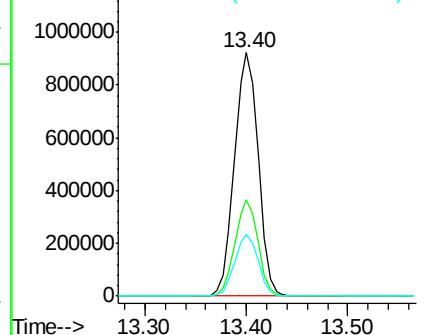


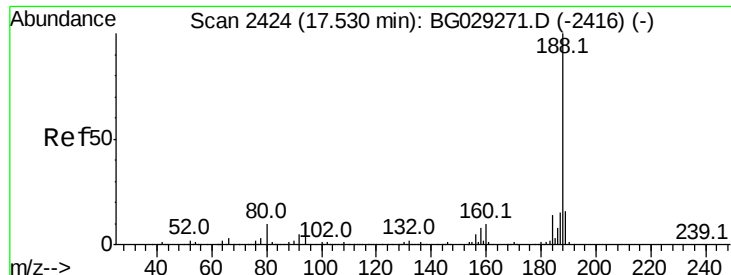
#44
 2-Fluorobiphenyl
 Concen: 102.457 ng
 RT: 13.40 min Scan# 1721
 Delta R.T. 0.00 min
 Lab File: BG030654.D
 Acq: 2 Nov 2017 3:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.8	30.0	45.0
170	25.4	19.5	29.3



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

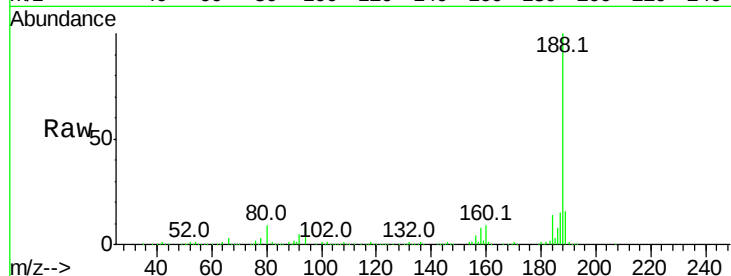




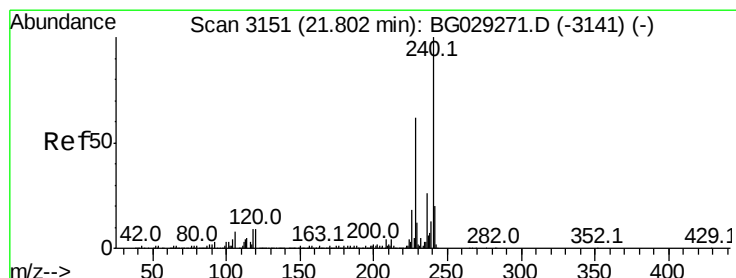
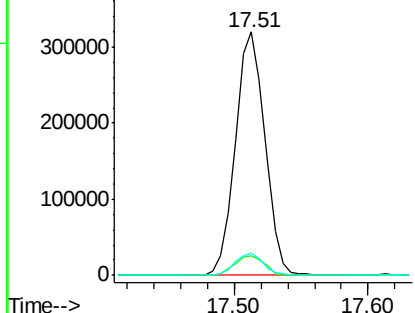
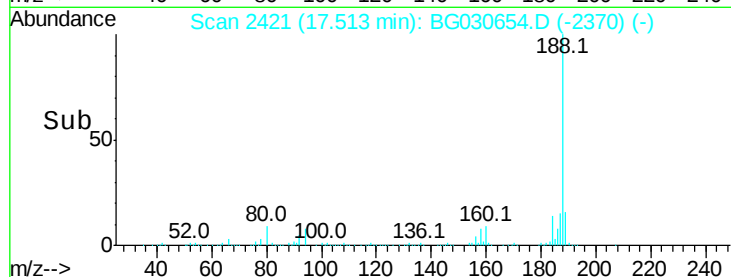
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. 0.00 min
Lab File: BG030654.D
Acq: 2 Nov 2017 3:38

Instrument :
BNA_G
ClientSampleId :
102517-TIDO-F-U-S

Tot Ion:188 Resp: 491941
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.1 7.7 11.5

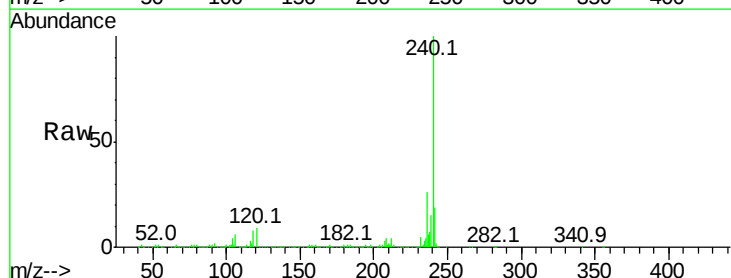


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

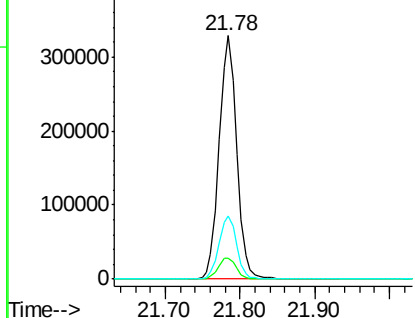
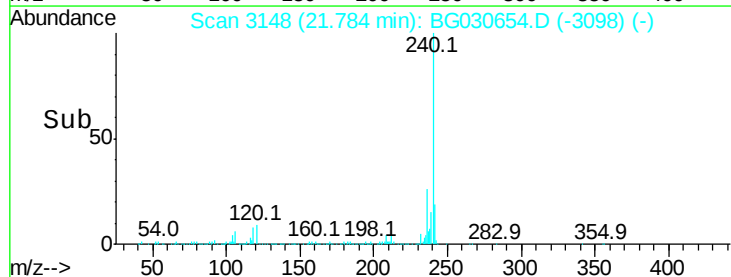


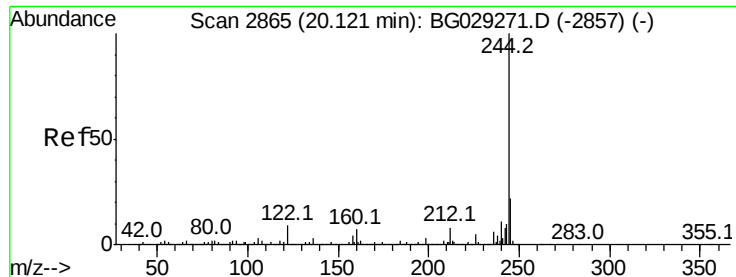
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3148
Delta R.T. -0.00 min
Lab File: BG030654.D
Acq: 2 Nov 2017 3:38

Tgt Ion:240 Resp: 536657
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.2 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: 99.000 ng

RT: 20.10 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG030654.D

Acq: 2 Nov 2017 3:38

Instrument :

BNA_G

ClientSampleId :

102517-TIDO-F-U-S

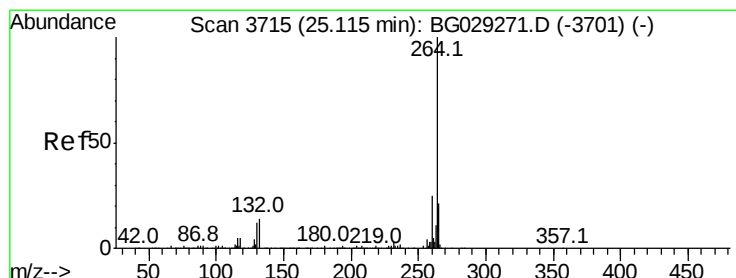
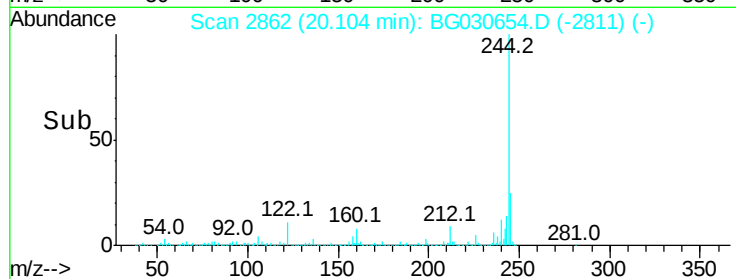
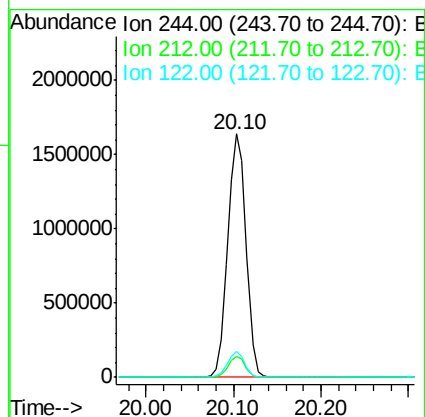
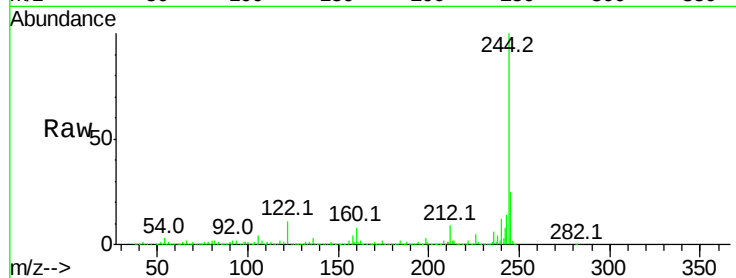
Tot Ion:244 Resp: 2335417

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

122 10.7 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. -0.00 min

Lab File: BG030654.D

Acq: 2 Nov 2017 3:38

Tgt Ion:264 Resp: 531342

Ion Ratio Lower Upper

264 100

260 23.9 17.4 26.0

265 21.0 17.7 26.5

