

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
 Data File : BG031154.D
 Acq On : 21 Nov 2017 15:04
 Operator : SJ/JU
 Sample : PB104384BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104384BL

Quant Time: Nov 22 01:10:36 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	40038	20.00	ng	-0.02
21) Naphthalene-d8	10.96	136	176239	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	120358	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	330506	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	407131	20.00	ng	-0.01
86) Perylene-d12	25.07	264	402535	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	352470	150.96	ng	-0.01
7) Phenol-d6	7.31	99	452149	143.74	ng	0.00
23) Nitrobenzene-d5	9.30	82	266359	89.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	226761	116.47	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	812157	96.96	ng	-0.02
78) Terphenyl-d14	20.09	244	1620914	87.91	ng	0.00

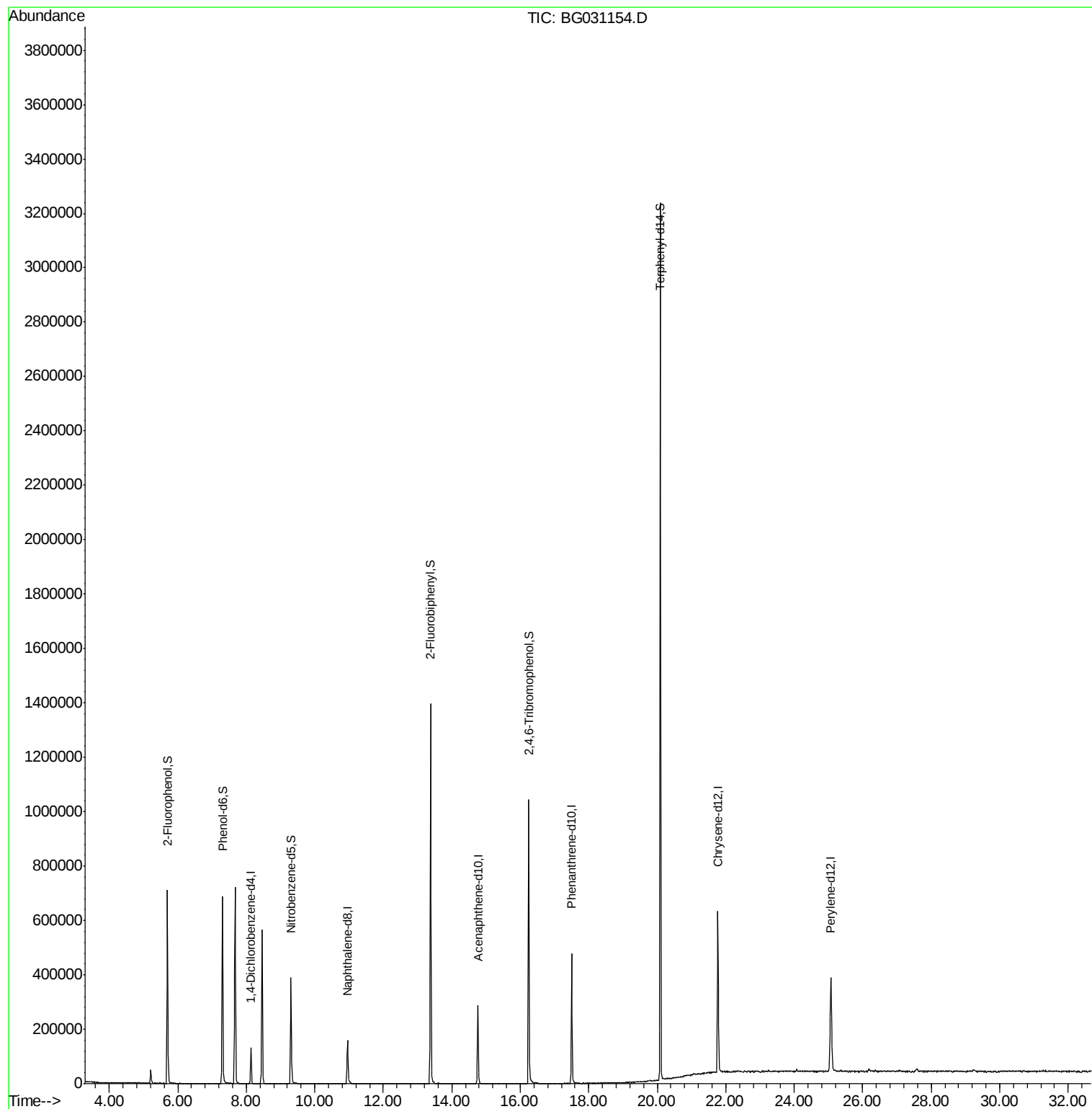
Target Compounds Qvalue

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

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112117\
Data File : BG031154.D
Acq On : 21 Nov 2017 15:04
Operator : SJ/JU
Sample : PB104384BL
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104384BL

Quant Time: Nov 22 01:10:36 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration



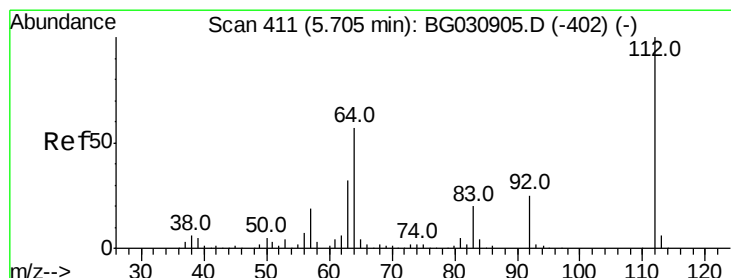
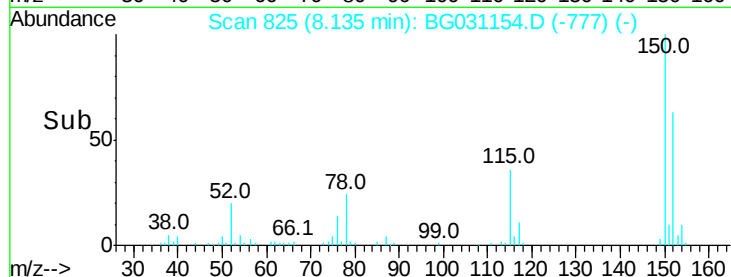
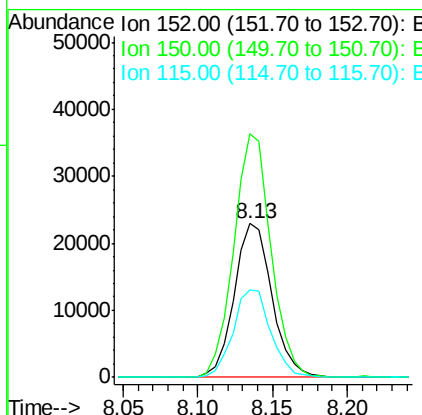
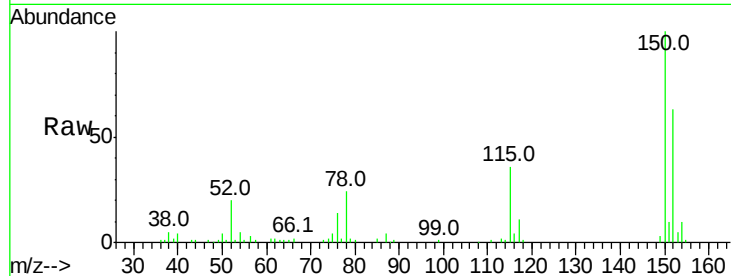


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.13 min Scan# 825
Delta R.T. -0.02 min
Lab File: BG031154.D
Acq: 21 Nov 2017 15:04

Instrument :
BNA_G
ClientSampleId :
PB104384BL

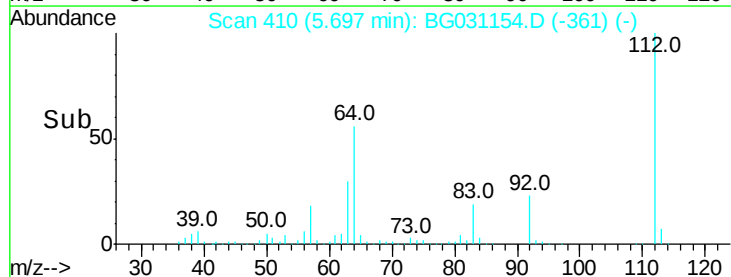
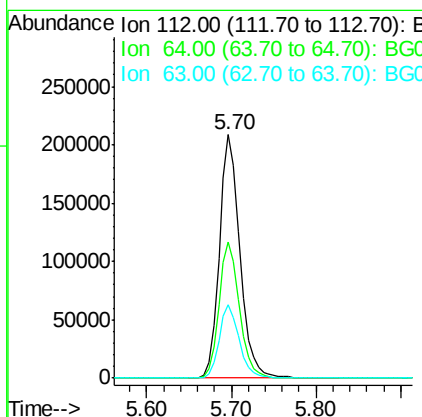
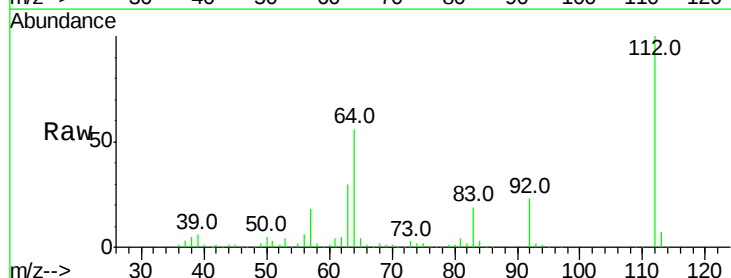
Tot Ion:152 Resp: 40038
Ion Ratio Lower Upper
152 100
150 158.6 126.6 189.8
115 56.8 53.0 79.4

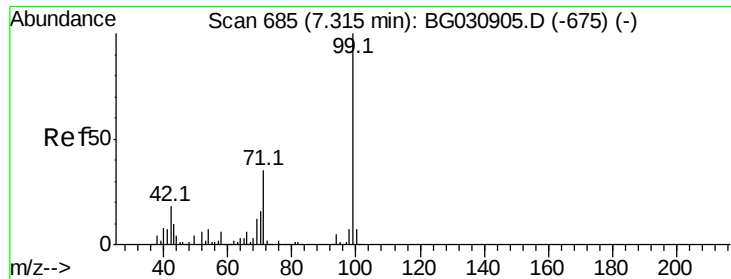


#5

2-Fluorophenol
Concen: 150.957 ng
RT: 5.70 min Scan# 410
Delta R.T. -0.01 min
Lab File: BG031154.D
Acq: 21 Nov 2017 15:04

Tgt Ion:112 Resp: 352470
Ion Ratio Lower Upper
112 100
64 56.0 56.3 84.5#
63 30.2 30.1 45.1





#7

Phenol-d6

Concen: 143.739 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG031154.D

Acq: 21 Nov 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB104384BL

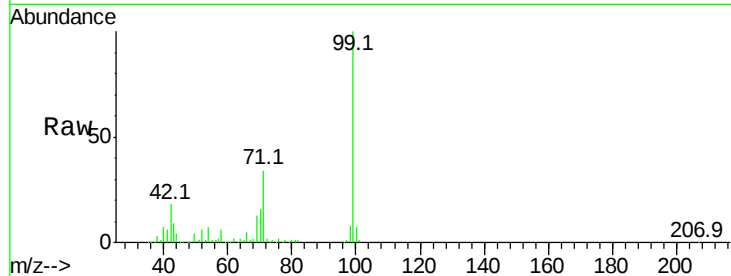
Tot Ion: 99 Resp: 452149

Ion Ratio Lower Upper

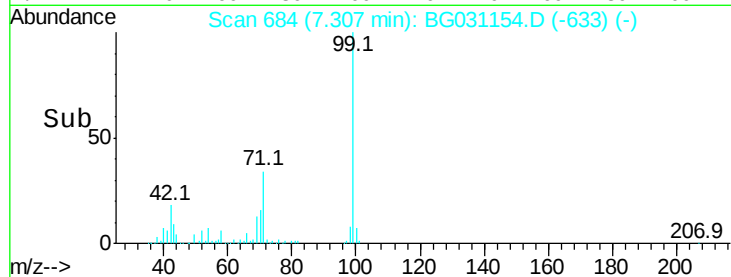
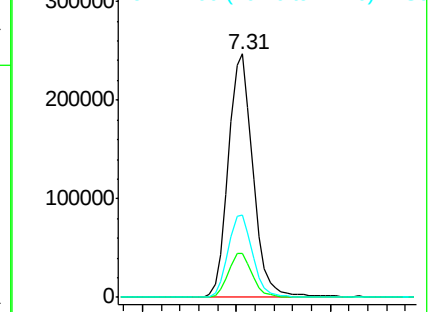
99 100

42 18.3 14.1 21.1

71 33.7 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: 10.96 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG031154.D

Acq: 21 Nov 2017 15:04

Tgt Ion: 136 Resp: 176239

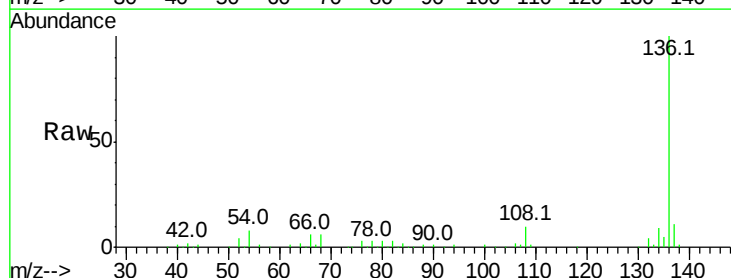
Ion Ratio Lower Upper

136 100

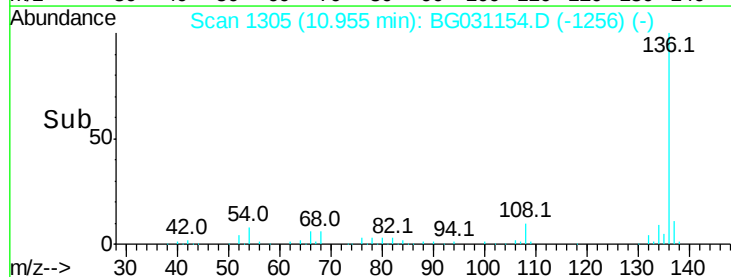
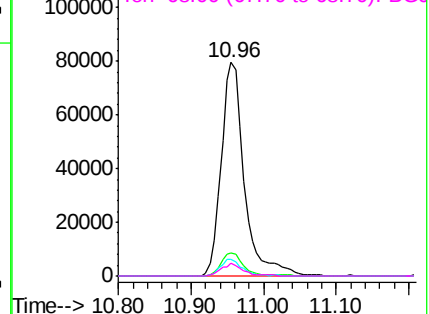
137 10.6 9.2 13.8

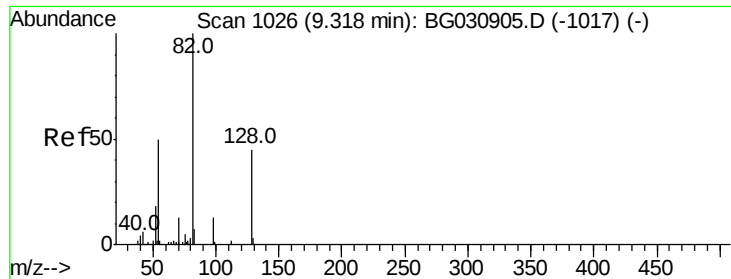
54 7.8 10.3 15.5#

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

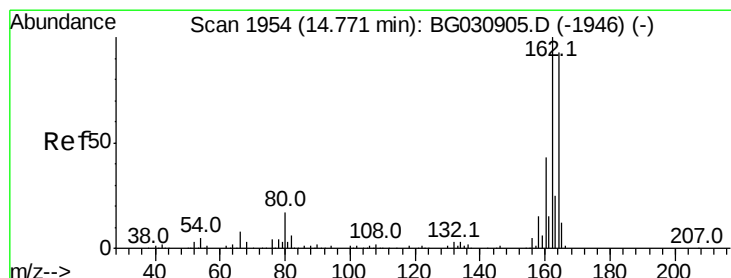
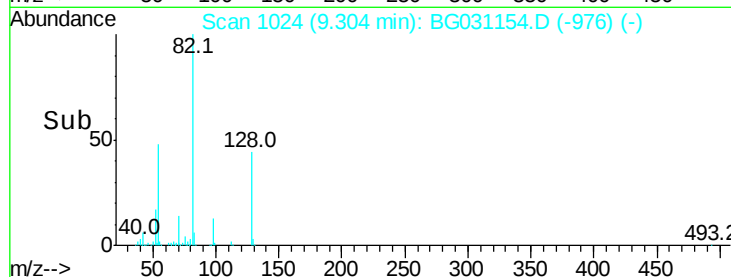
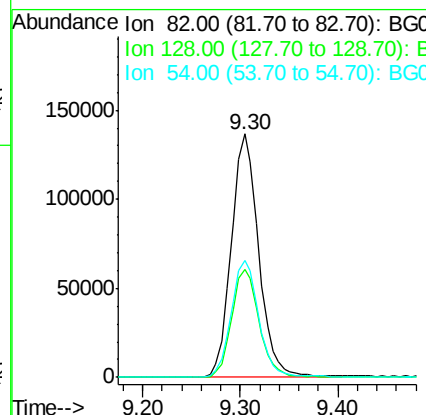
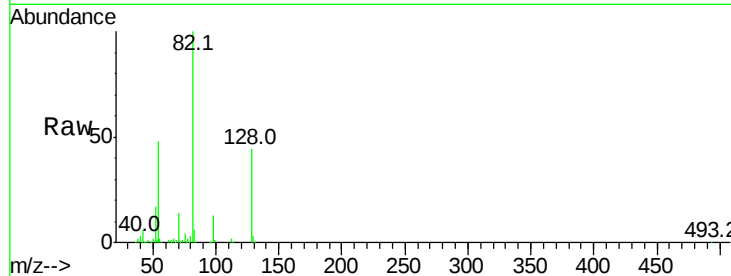




#23
Nitrobenzene-d5
Concen: 89.557 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031154.D
Acq: 21 Nov 2017 15:04

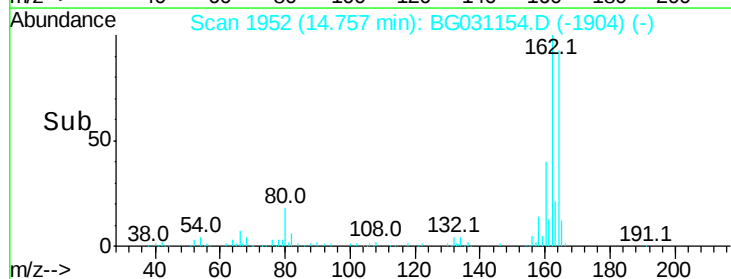
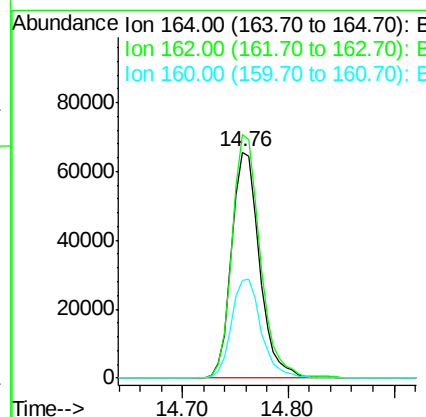
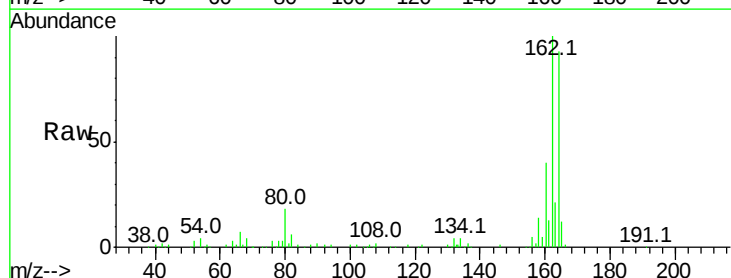
Instrument :
BNA_G
ClientSampleId :
PB104384BL

Tot Ion	82	Resp	266359
Ion Ratio	Lower	Upper	
82	100		
128	44.5	29.7	44.5
54	48.0	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031154.D
Acq: 21 Nov 2017 15:04

Tgt Ion	164	Resp	120358
Ion Ratio	Lower	Upper	
164	100		
162	107.8	78.8	118.2
160	43.5	35.4	53.0

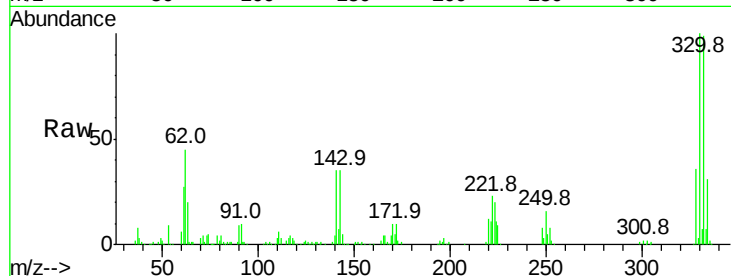




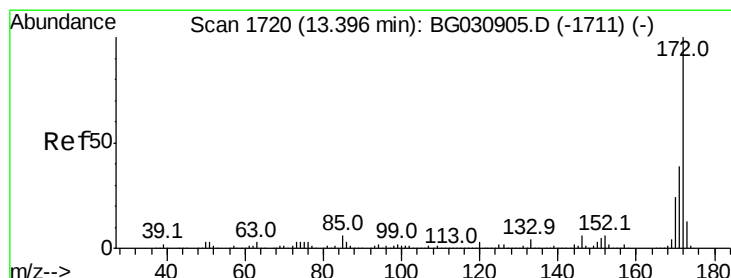
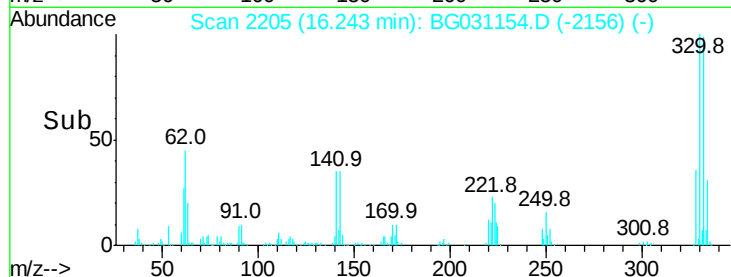
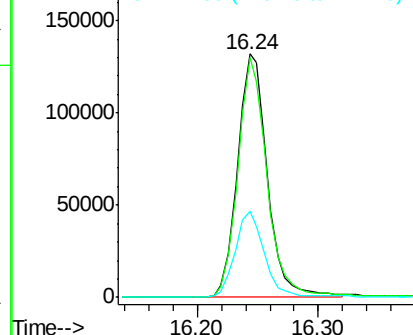
#41
 2,4,6-Tribromophenol
 Concen: 116.467 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031154.D
 Acq: 21 Nov 2017 15:04

Instrument :
 BNA_G
 ClientSampleId :
 PB104384BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	34.3	25.2	37.8

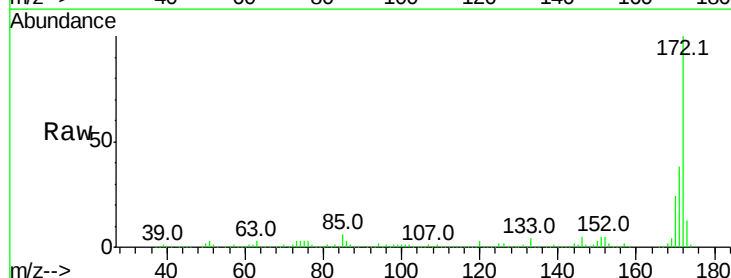


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

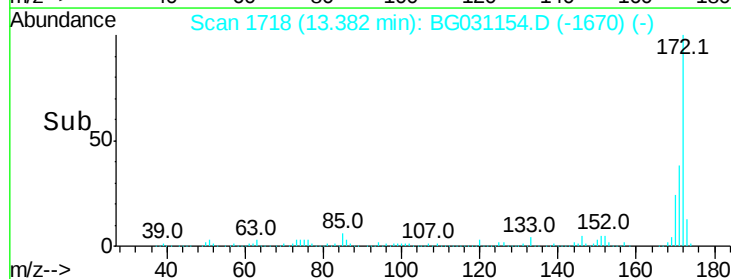
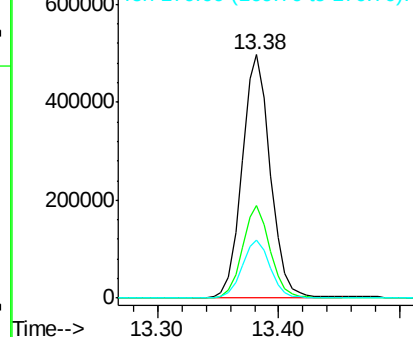


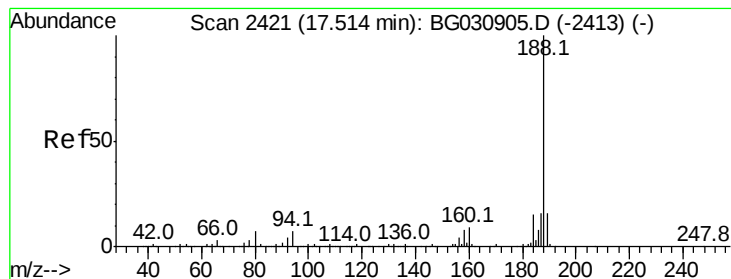
#44
 2-Fluorobiphenyl
 Concen: 96.959 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031154.D
 Acq: 21 Nov 2017 15:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	23.8	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: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG031154.D

Acq: 21 Nov 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB104384BL

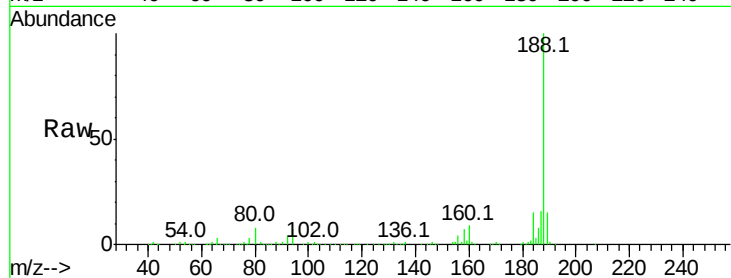
Tot Ion:188 Resp: 330506

Ion Ratio Lower Upper

188 100

94 6.8 6.9 10.3#

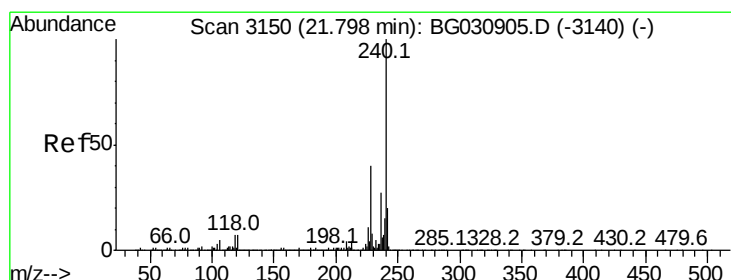
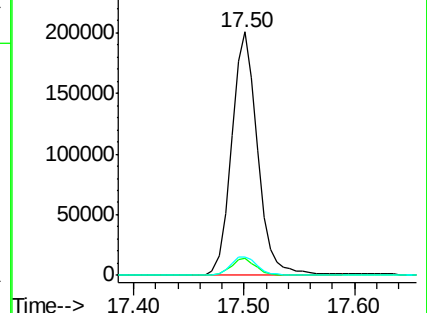
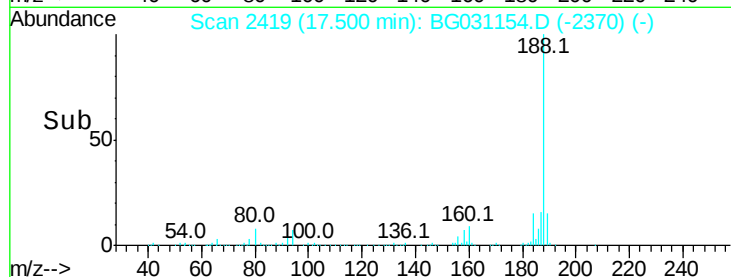
80 7.7 7.7 11.5



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG031154.D

Acq: 21 Nov 2017 15:04

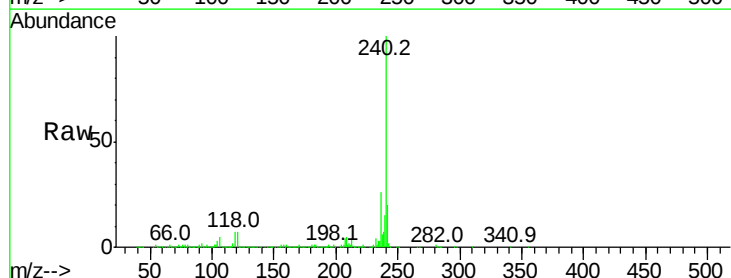
Tgt Ion:240 Resp: 407131

Ion Ratio Lower Upper

240 100

120 7.2 6.8 10.2

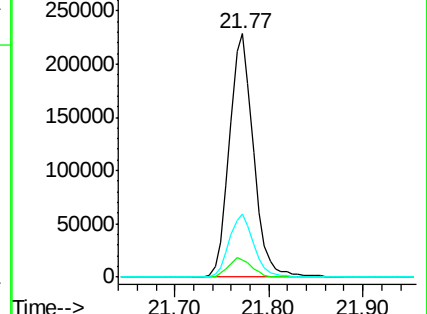
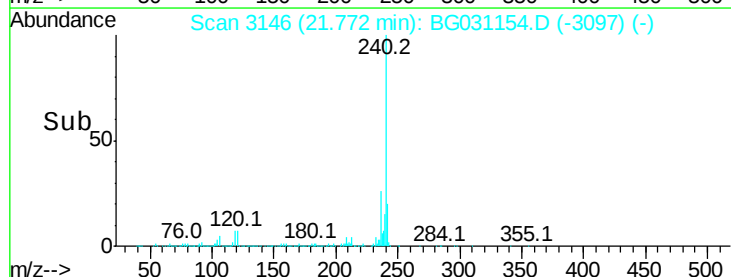
236 26.2 20.9 31.3



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: 87.911 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG031154.D

Acq: 21 Nov 2017 15:04

Instrument :

BNA_G

ClientSampleId :

PB104384BL

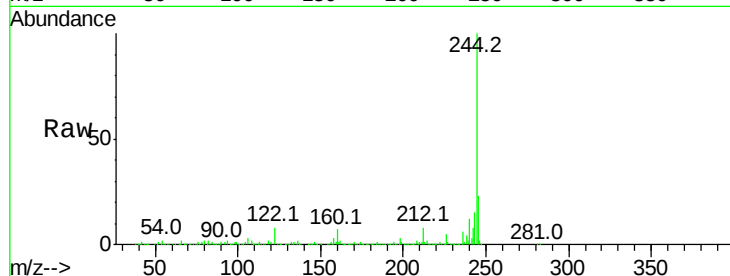
Tot Ion:244 Resp: 1620914

Ion Ratio Lower Upper

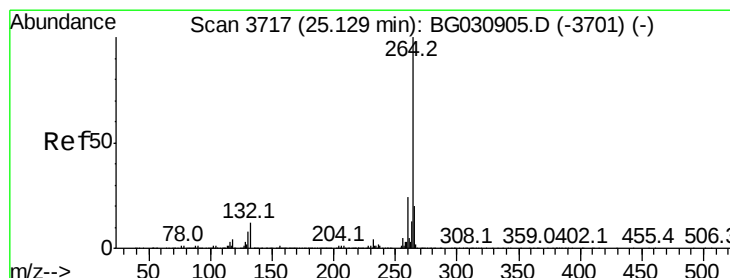
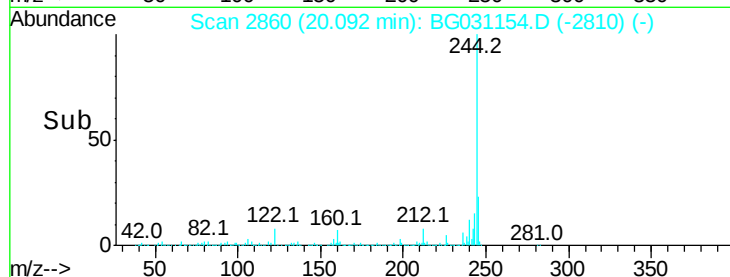
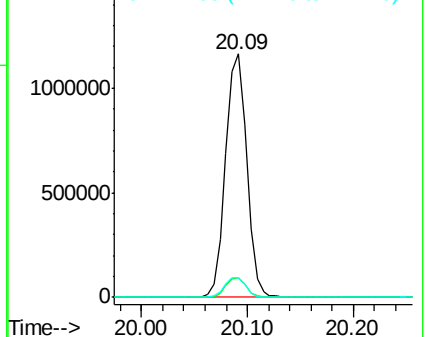
244 100

212 8.1 5.8 8.8

122 8.2 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

Perylene-d12

Concen: 20.000 ng

RT: 25.07 min Scan# 3708

Delta R.T. -0.02 min

Lab File: BG031154.D

Acq: 21 Nov 2017 15:04

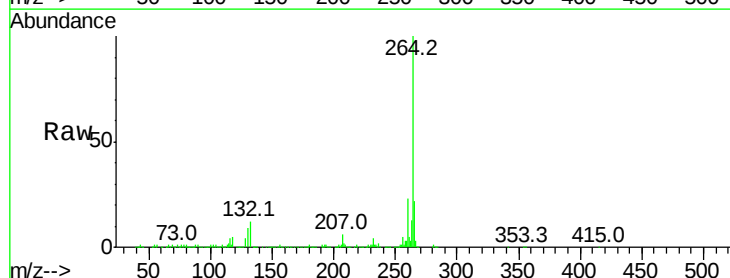
Tgt Ion:264 Resp: 402535

Ion Ratio Lower Upper

264 100

260 22.9 17.4 26.0

265 22.2 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

