

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029030.D
 Acq On : 4 Oct 2017 7:49
 Operator : SJ/JU
 Sample : I5517-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

Quant Time: Oct 04 11:32:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 11:28:26 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	36210	20.00	ng	0.00
21) Naphthalene-d8	11.06	136	144989	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	107313	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	279097	20.00	ng	0.00
75) Chrysene-d12	21.93	240	298109	20.00	ng	0.00
86) Perylene-d12	25.35	264	299635	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	147399	67.17	ng	0.00
7) Phenol-d6	7.40	99	121658	36.82	ng	0.00
23) Nitrobenzene-d5	9.41	82	327019	107.90	ng	0.00
41) 2,4,6-Tribromophenol	16.36	330	307706	173.37	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	827406	102.81	ng	0.00
78) Terphenyl-d14	20.21	244	1502771	107.50	ng	0.00

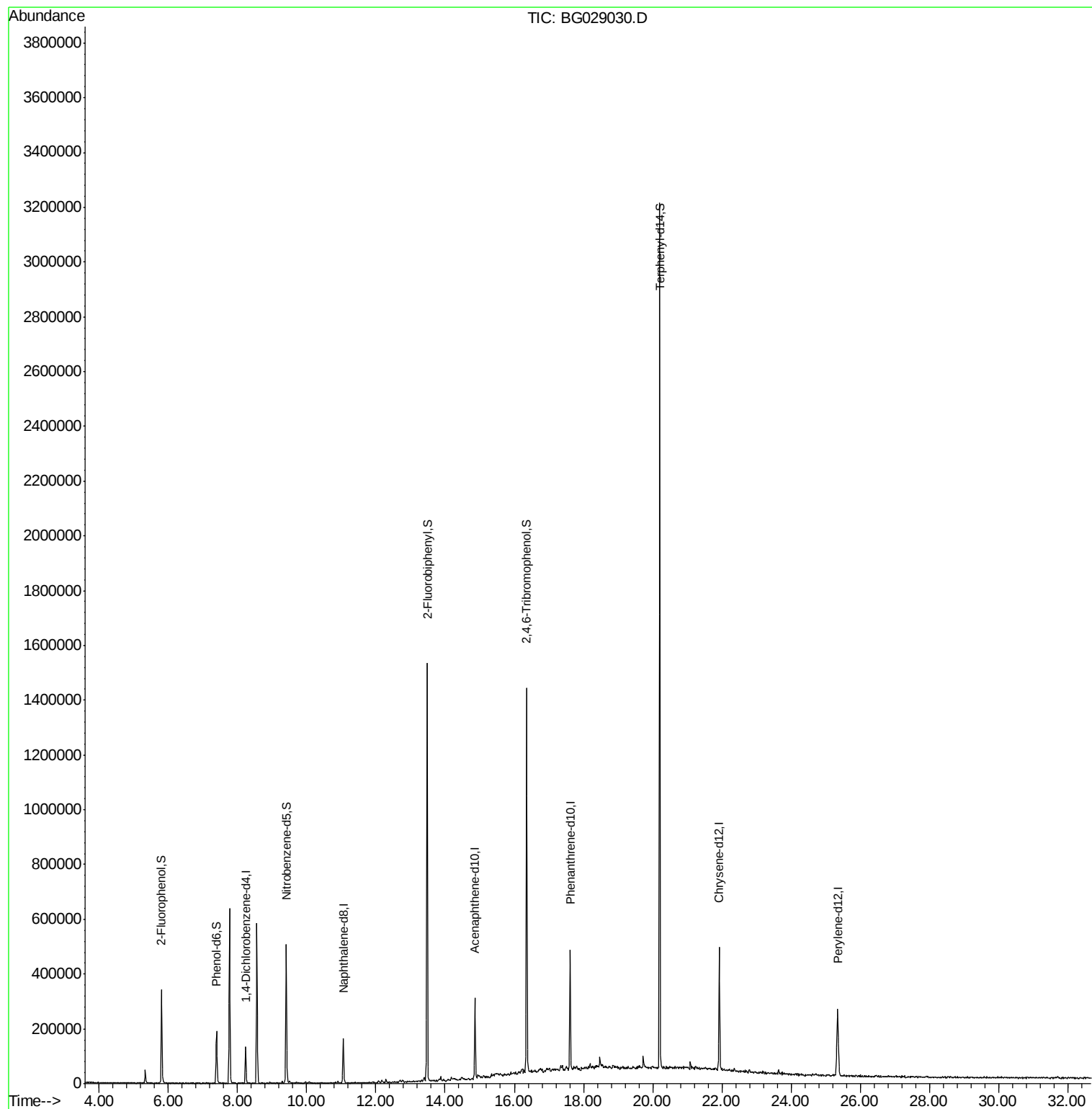
Target Compounds Qvalue

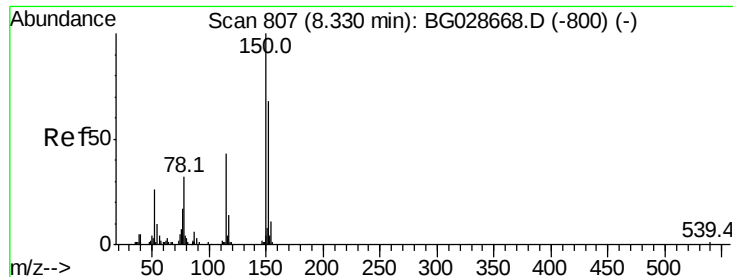
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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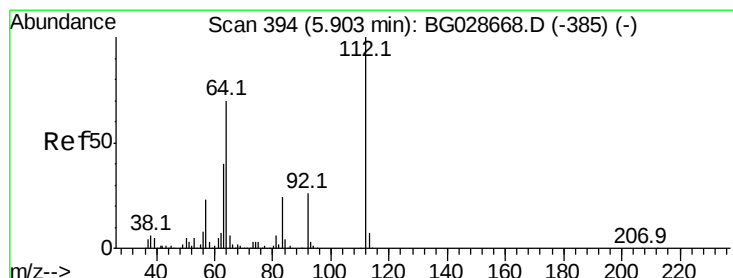
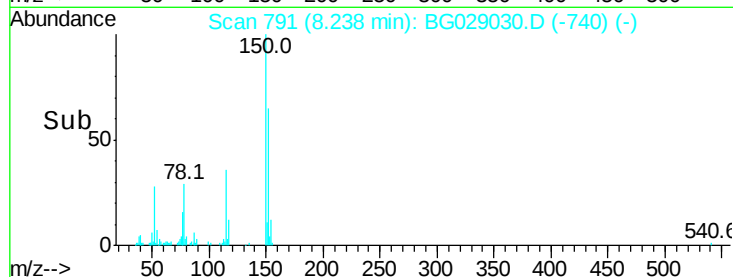
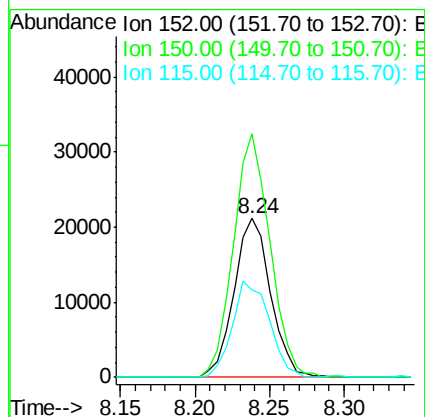
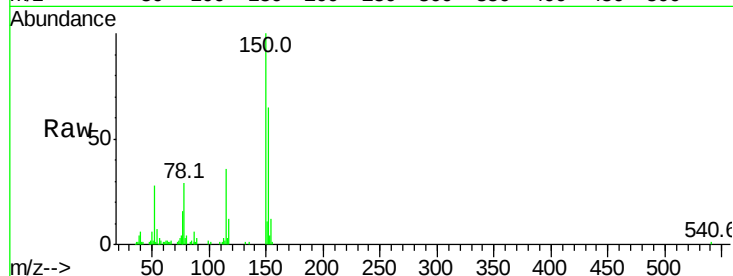


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Instrument :
BNA_G
ClientSampleId :
PZ-8

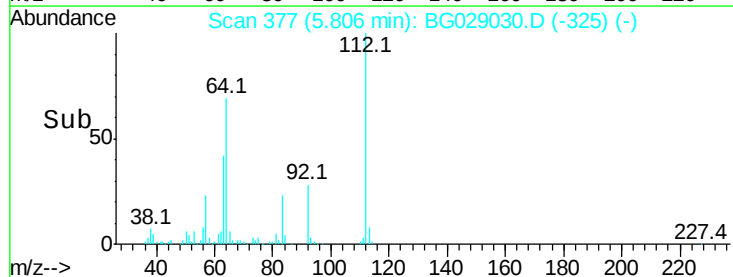
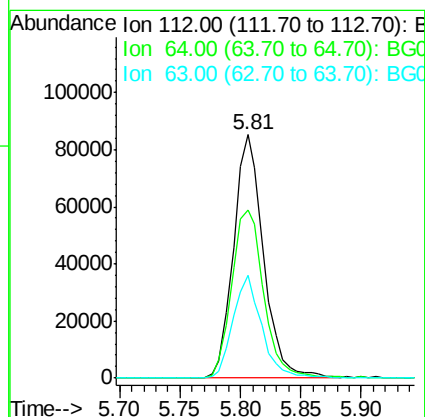
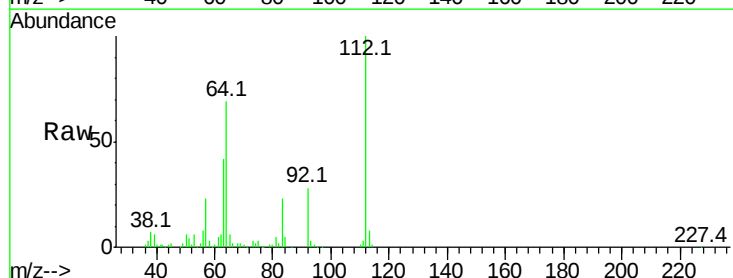
Tot Ion:152 Resp: 36210
Ion Ratio Lower Upper
152 100
150 153.5 114.0 171.0
115 54.7 48.1 72.1

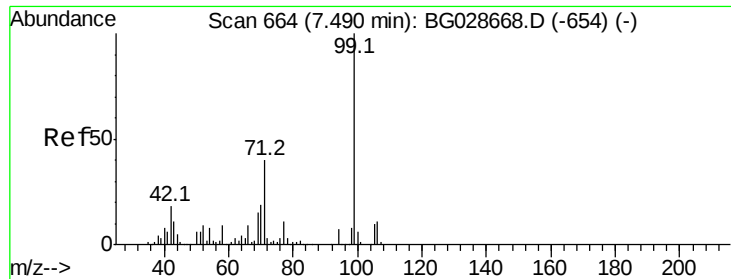


#5

2-Fluorophenol
Concen: 67.168 ng
RT: 5.81 min Scan# 377
Delta R.T. 0.00 min
Lab File: BG029030.D
Acq: 4 Oct 2017 7:49

Tgt Ion:112 Resp: 147399
Ion Ratio Lower Upper
112 100
64 69.2 61.8 92.6
63 42.3 37.2 55.8





#7

Phenol-d6

Concen: 36.821 ng

RT: 7.40 min Scan# 648

Delta R.T. 0.00 min

Lab File: BG029030.D

Acq: 4 Oct 2017 7:49

Instrument :

BNA_G

ClientSampleId :

PZ-8

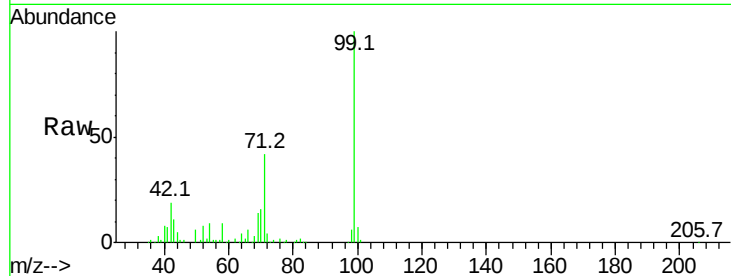
Tot Ion: 99 Resp: 121658

Ion Ratio Lower Upper

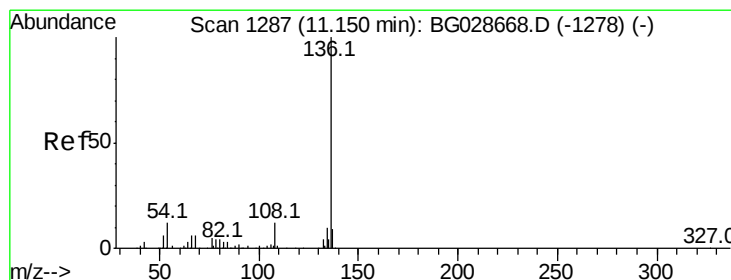
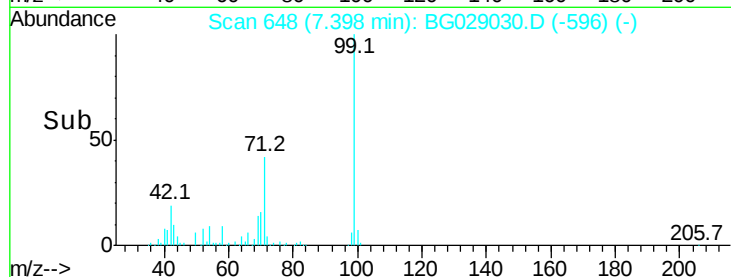
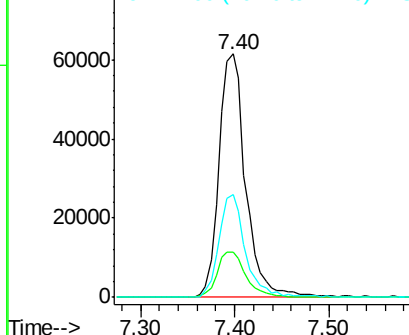
99 100

42 18.6 20.5 30.7#

71 42.4 37.6 56.4



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: 11.06 min Scan# 1271

Delta R.T. -0.00 min

Lab File: BG029030.D

Acq: 4 Oct 2017 7:49

Tgt Ion: 136 Resp: 144989

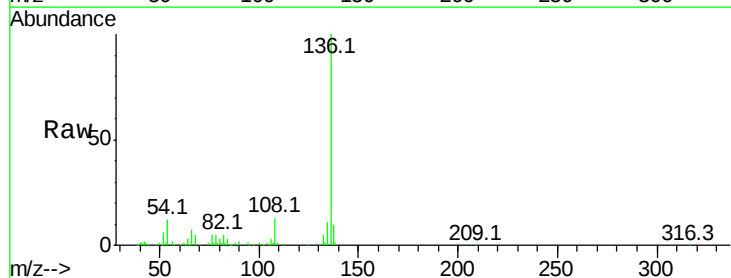
Ion Ratio Lower Upper

136 100

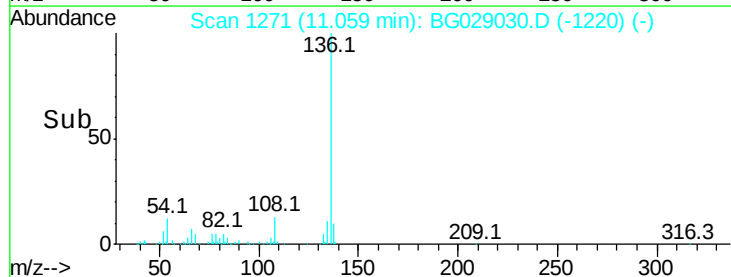
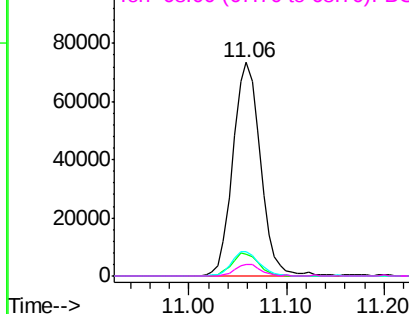
137 10.4 8.9 13.3

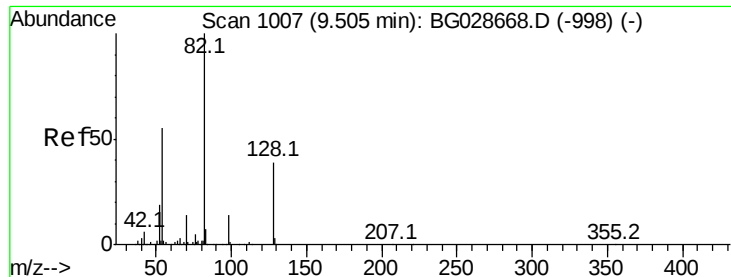
54 11.6 9.3 13.9

68 5.3 5.1 7.7



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

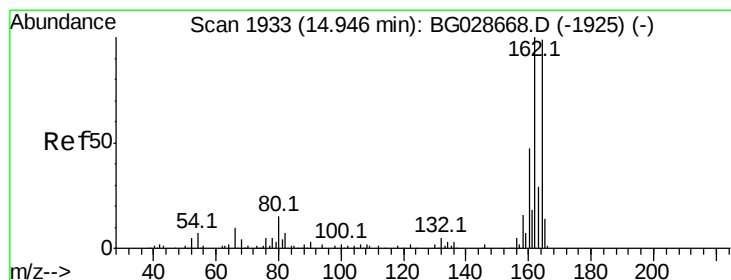
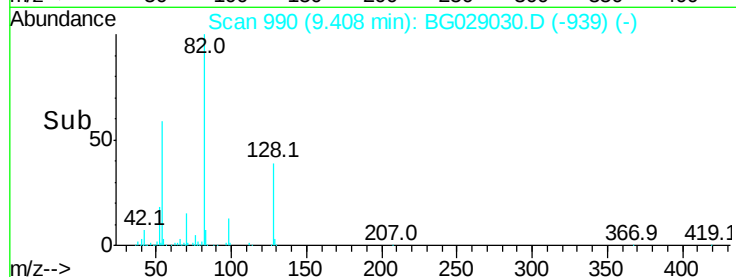
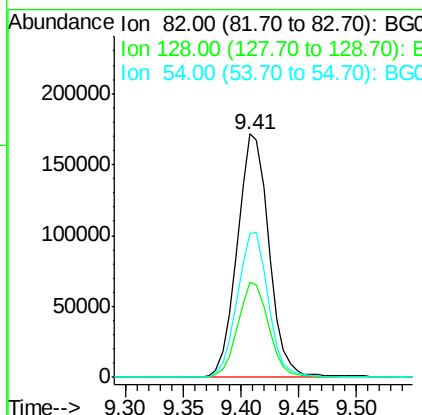
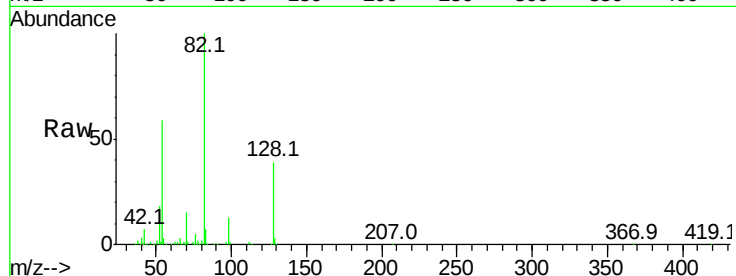




#23
 Nitrobenzene-d5
 Concen: 107.896 ng
 RT: 9.41 min Scan# 990
 Delta R.T. -0.00 min
 Lab File: BG029030.D
 Acq: 4 Oct 2017 7:49

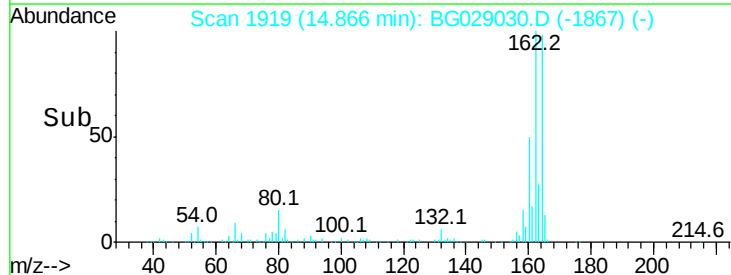
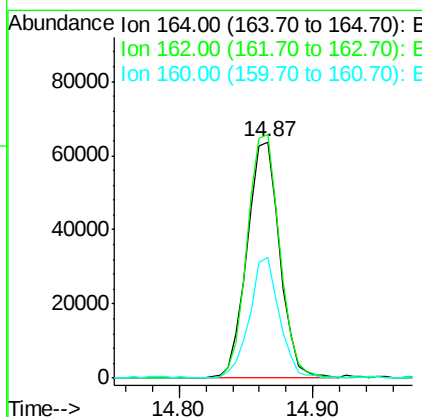
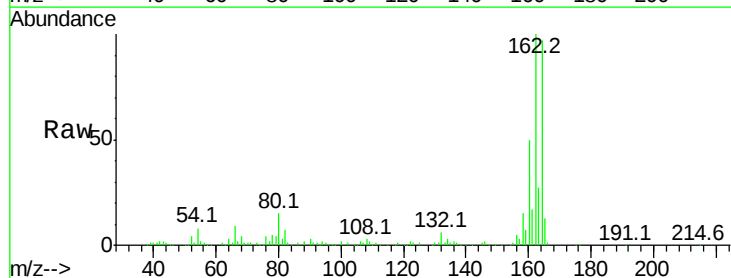
Instrument :
 BNA_G
 ClientSampleId :
 PZ-8

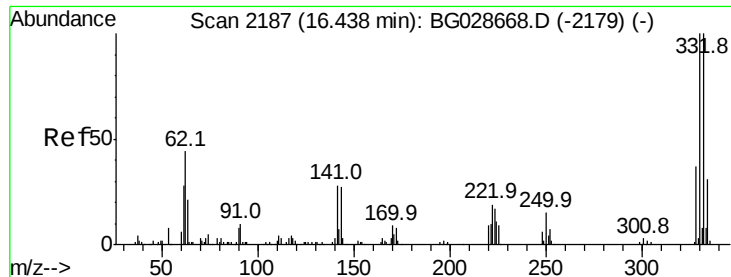
Tot Ion	82	Resp	327019
Ion Ratio	Lower	Upper	
82	100		
128	39.2	26.4	39.6
54	59.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.87 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: BG029030.D
 Acq: 4 Oct 2017 7:49

Tgt Ion	164	Resp	107313
Ion Ratio	Lower	Upper	
164	100		
162	102.9	85.1	127.7
160	51.3	34.7	52.1

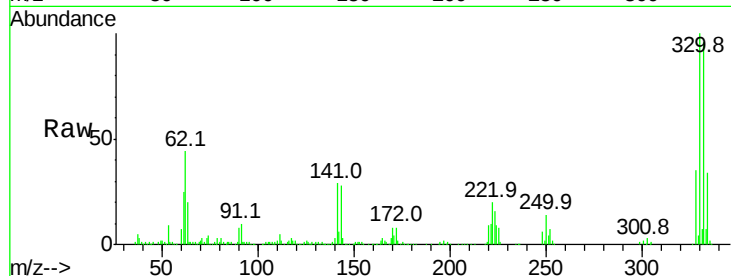




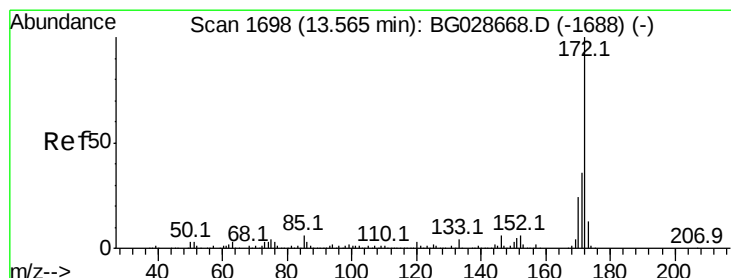
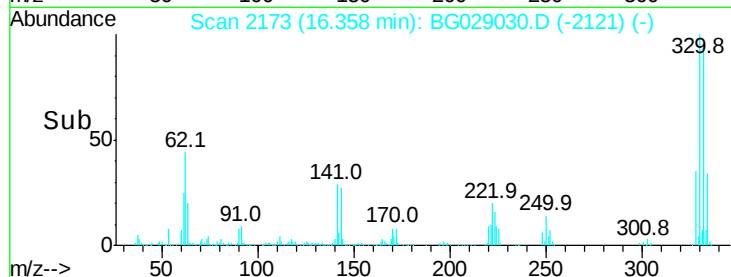
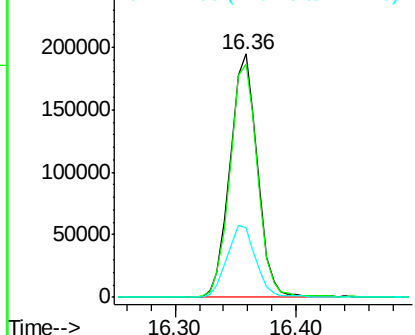
#41
 2,4,6-Tribromophenol
 Concen: 173.366 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BG029030.D
 Acq: 4 Oct 2017 7:49

Instrument :
 BNA_G
 ClientSampled :
 PZ-8

Tot Ion:330 Resp: 307706
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.4 32.1 48.1#

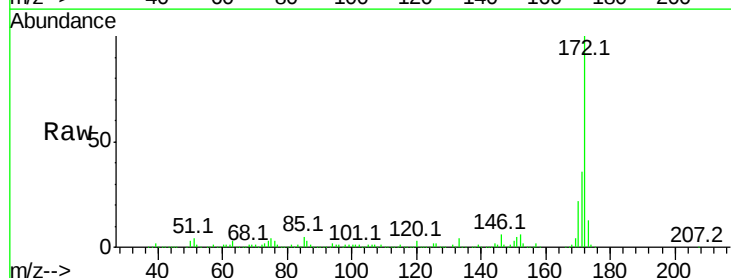


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

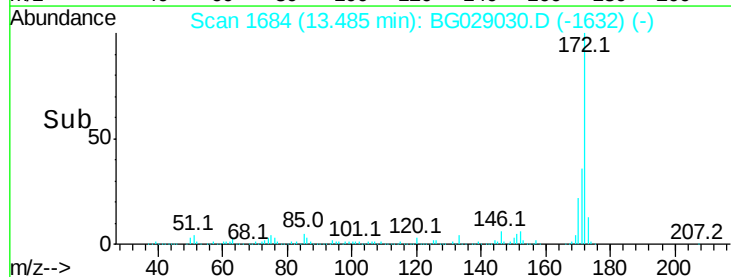
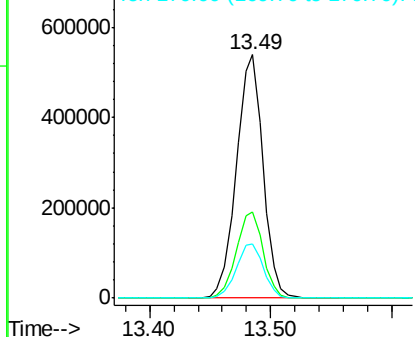


#44
 2-Fluorobiphenyl
 Concen: 102.810 ng
 RT: 13.49 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BG029030.D
 Acq: 4 Oct 2017 7:49

Tgt Ion:172 Resp: 827406
 Ion Ratio Lower Upper
 172 100
 171 35.5 32.2 48.2
 170 22.3 21.8 32.6



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: 17.62 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BG029030.D

Acq: 4 Oct 2017 7:49

Instrument :

BNA_G

ClientSampleId :

PZ-8

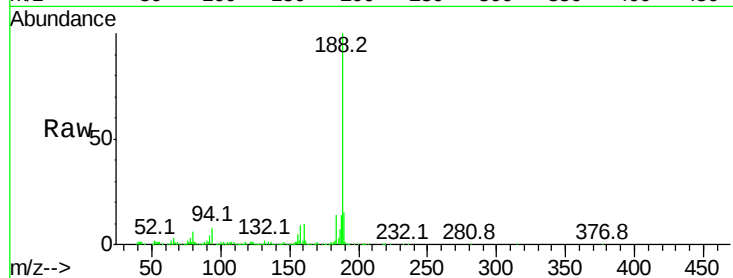
Tot Ion:188 Resp: 279097

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.8

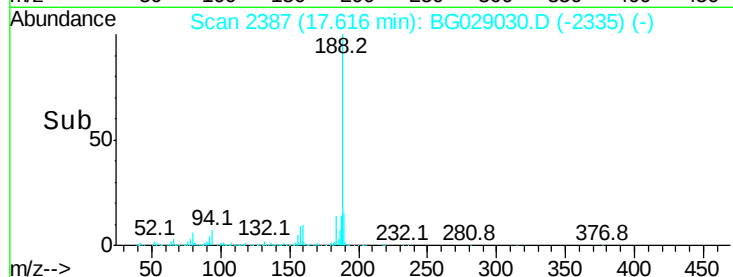
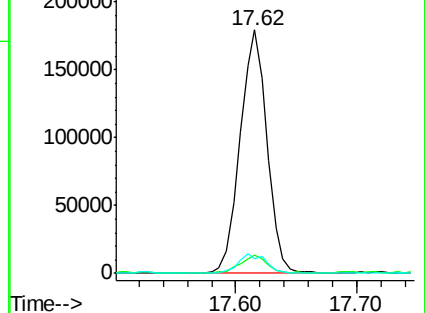
80 5.9 7.5 11.3#



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: 21.93 min Scan# 3121

Delta R.T. 0.00 min

Lab File: BG029030.D

Acq: 4 Oct 2017 7:49

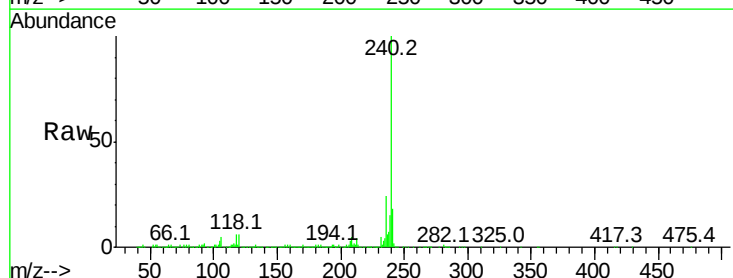
Tgt Ion:240 Resp: 298109

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

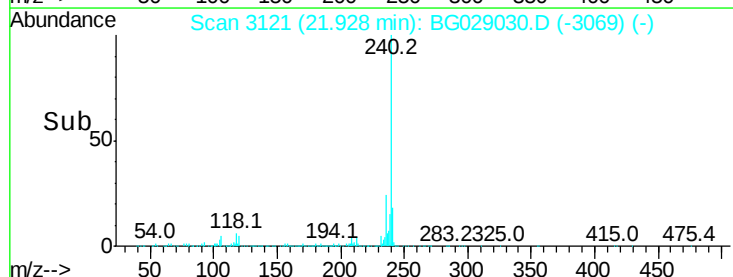
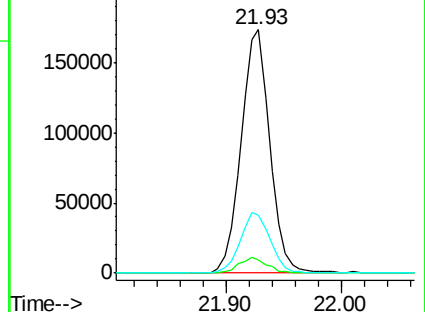
236 23.7 22.2 33.4

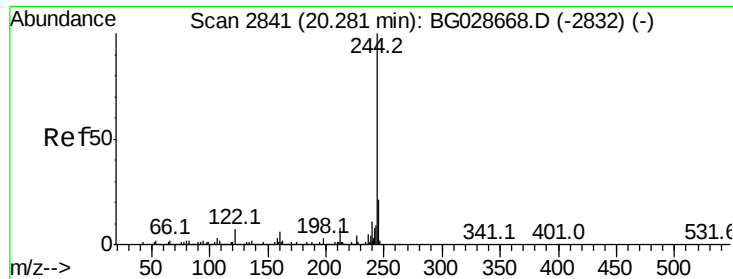


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.503 ng

RT: 20.21 min Scan# 2828

Delta R.T. 0.00 min

Lab File: BG029030.D

Acq: 4 Oct 2017 7:49

Instrument :

BNA_G

ClientSampled :

PZ-8

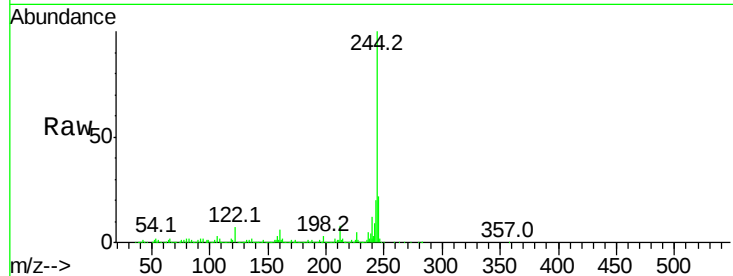
Tot Ion:244 Resp: 1502771

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

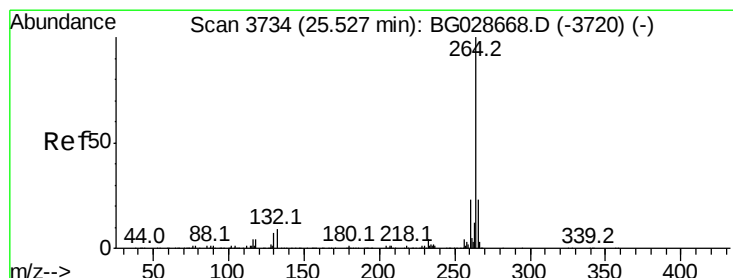
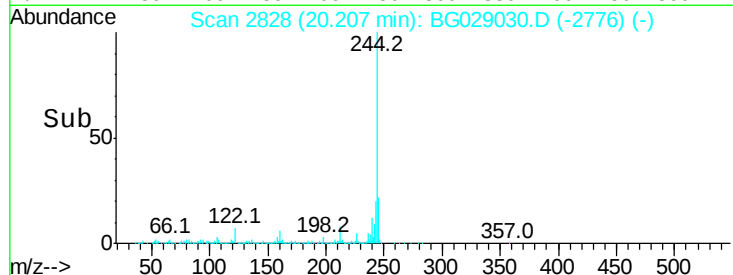
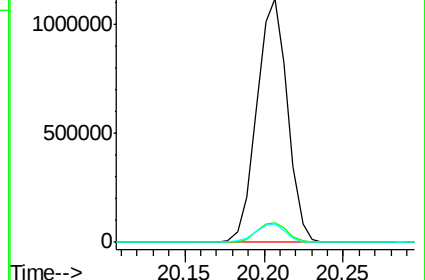
122 7.3 8.6 12.8#



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: 25.35 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG029030.D

Acq: 4 Oct 2017 7:49

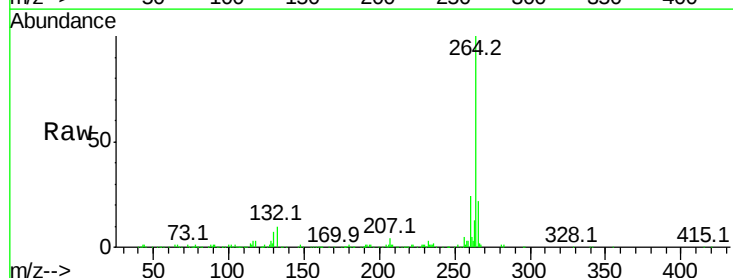
Tgt Ion:264 Resp: 299635

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.8 18.2 27.4



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

