

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029359.D
 Acq On : 19 Oct 2017 9:44
 Operator : SJ/JU
 Sample : I5953-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:37:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

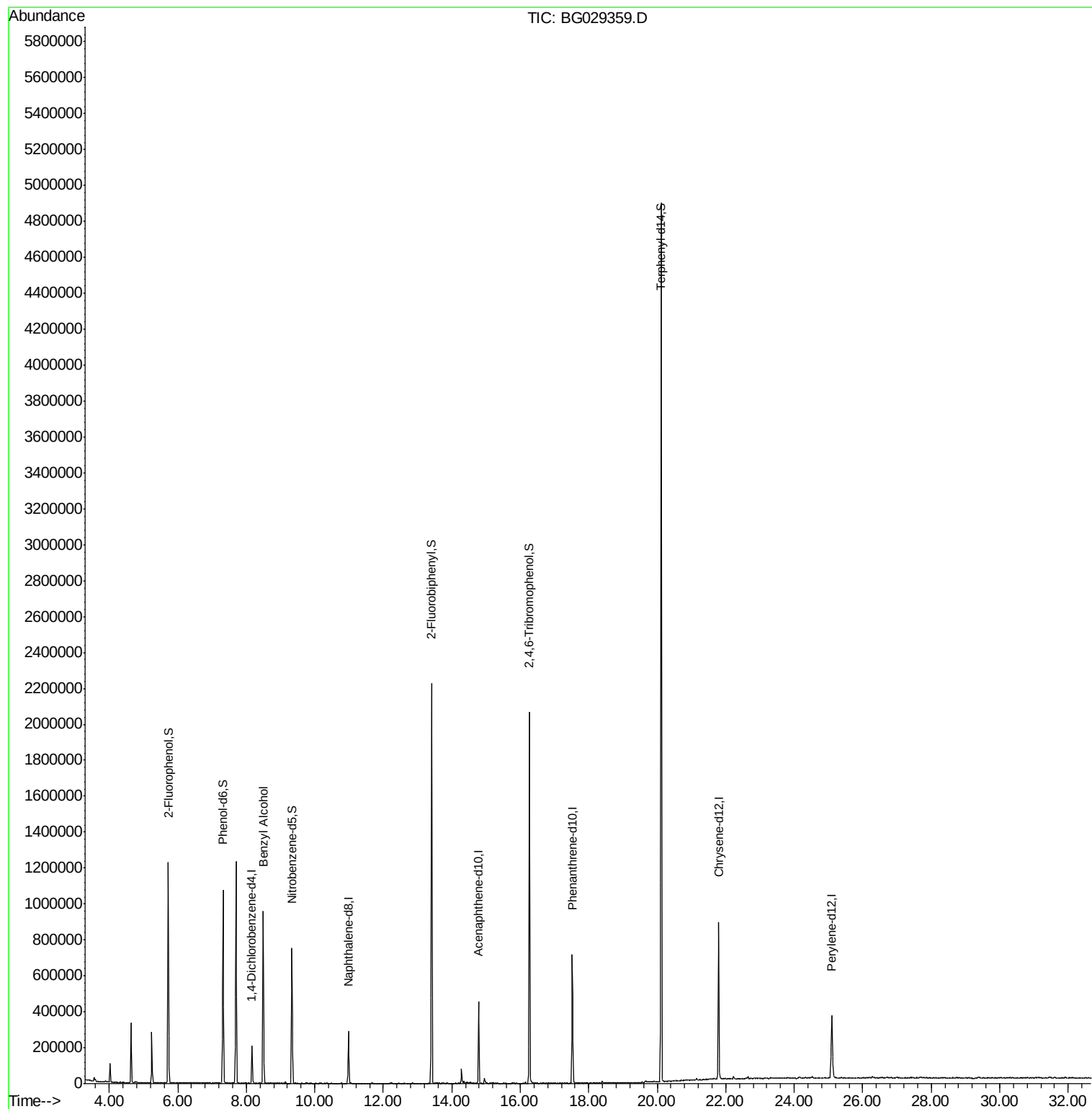
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58170	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	251257	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	159554	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	442215	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	521720	20.00	ng	-0.01
86) Perylene-d12	25.10	264	348844	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	533493	153.21	ng	0.00
7) Phenol-d6	7.32	99	640445	131.03	ng	0.00
23) Nitrobenzene-d5	9.33	82	446090	112.82	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	416932	202.39	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1173027	107.83	ng	0.00
78) Terphenyl-d14	20.11	244	2231770	97.32	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	7234	2.100	ng	Qvalue # 29

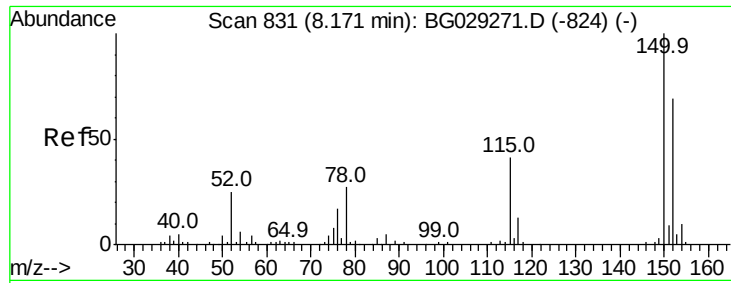
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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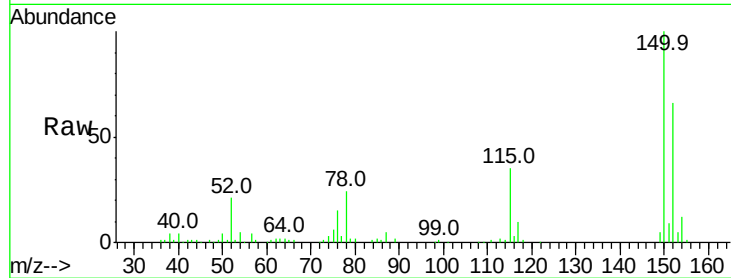


#1

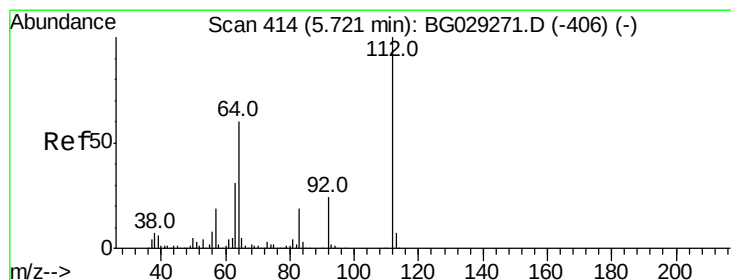
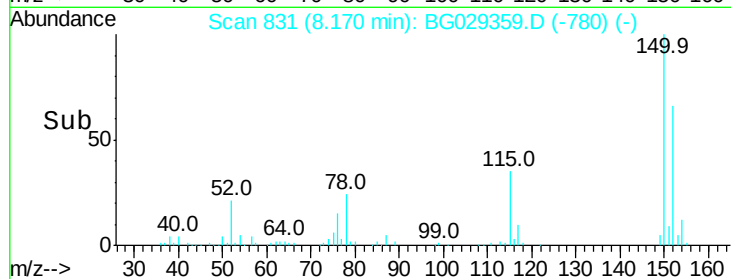
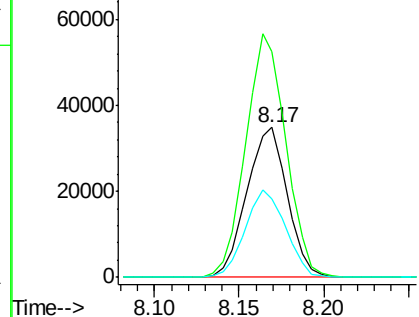
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029359.D
Acq: 19 Oct 2017 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58170
Ion Ratio Lower Upper
152 100
150 150.5 126.6 189.8
115 52.4 53.0 79.4#



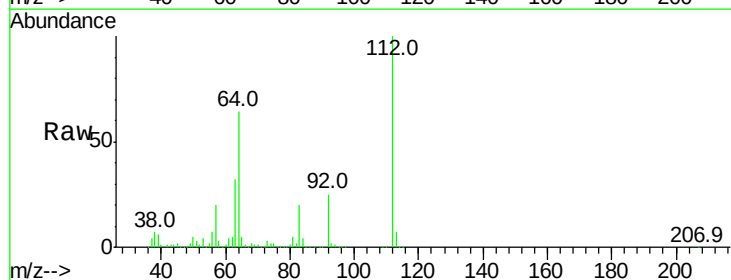
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



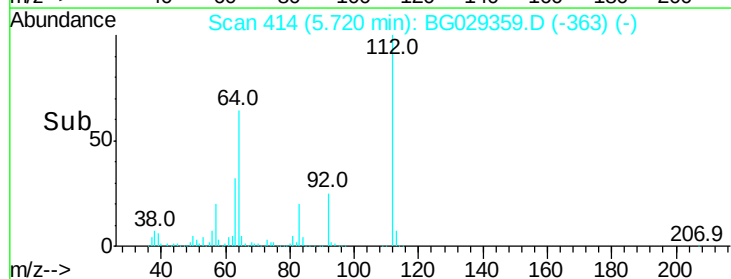
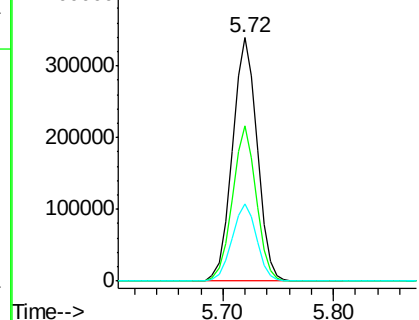
#5

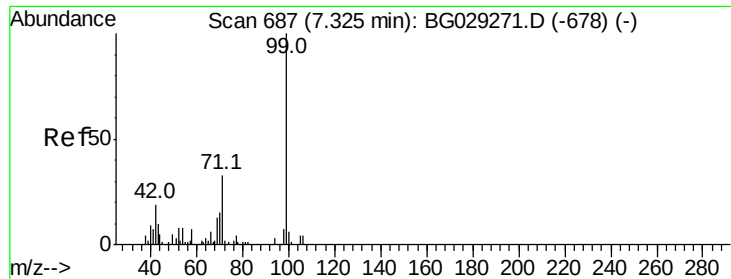
2-Fluorophenol
Concen: 153.211 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029359.D
Acq: 19 Oct 2017 9:44

Tgt Ion:112 Resp: 533493
Ion Ratio Lower Upper
112 100
64 63.9 56.3 84.5
63 31.7 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: 131.033 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029359.D

Acq: 19 Oct 2017 9:44

Instrument :

BNA_G

ClientSampled :

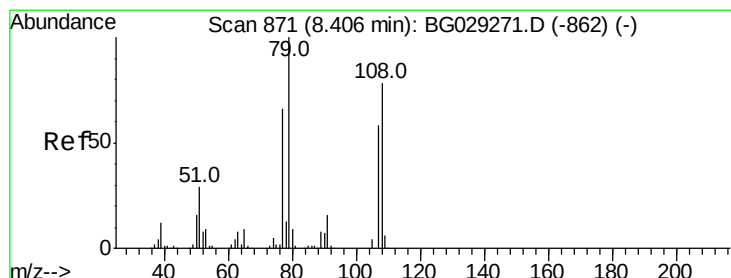
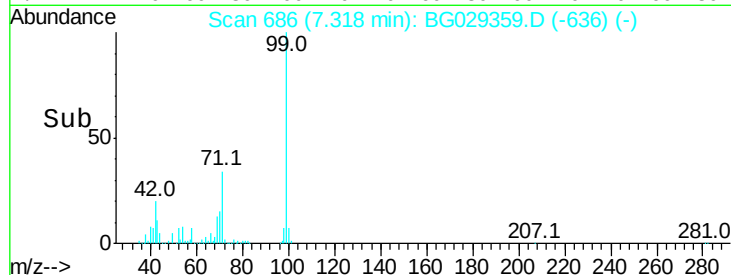
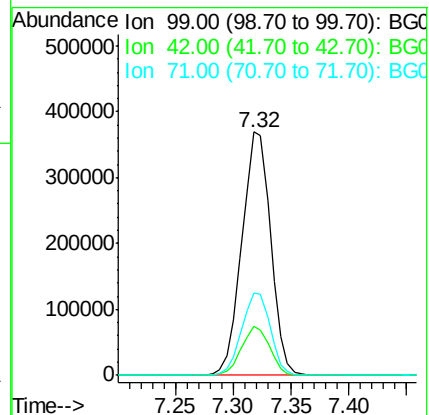
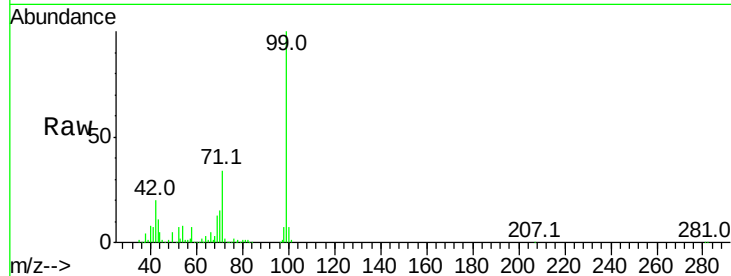
Tot Ion: 99 Resp: 640445

Ion Ratio Lower Upper

99 100

42 20.2 14.1 21.1

71 34.0 26.1 39.1



#15

Benzyl Alcohol

Concen: 2.100 ng

RT: 8.49 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG029359.D

Acq: 19 Oct 2017 9:44

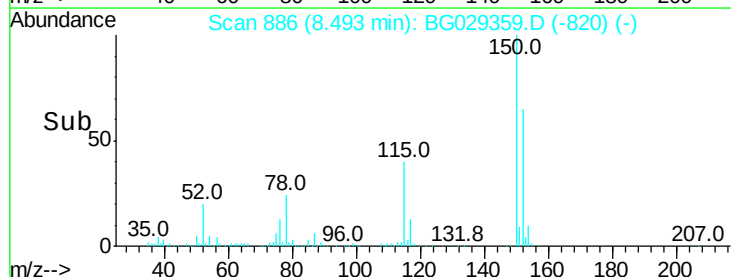
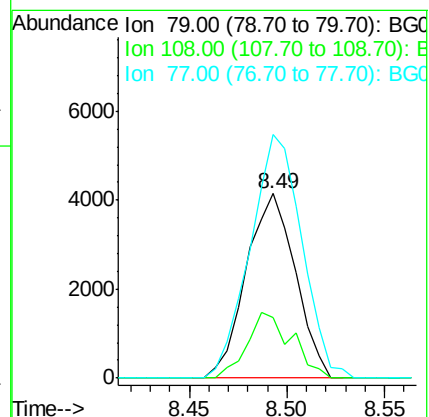
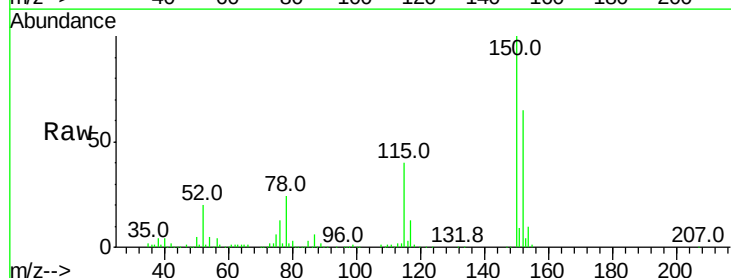
Tgt Ion: 79 Resp: 7234

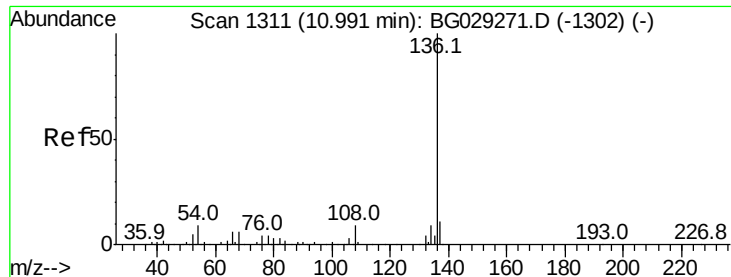
Ion Ratio Lower Upper

79 100

108 32.6 57.2 85.8#

77 132.1 46.1 69.1#

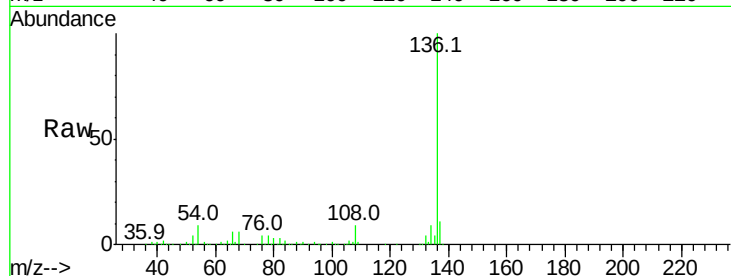




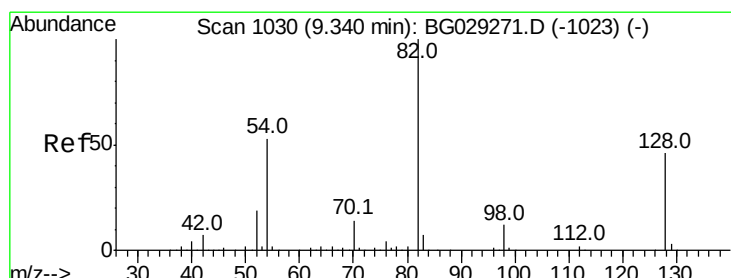
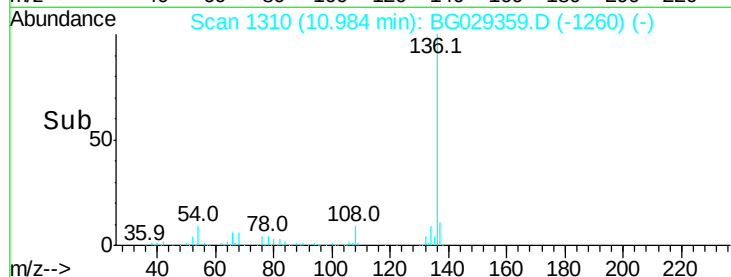
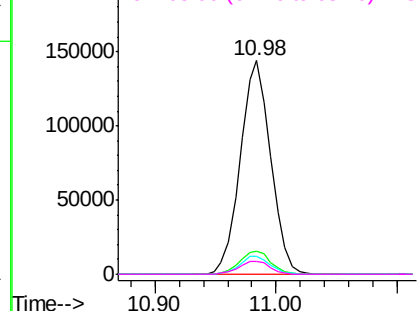
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029359.D
Acq: 19 Oct 2017 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	251257
Ion Ratio	Lower	Upper
136	100	
137	10.7	9.2 13.8
54	8.6	10.3 15.5#
68	5.9	4.5 6.7

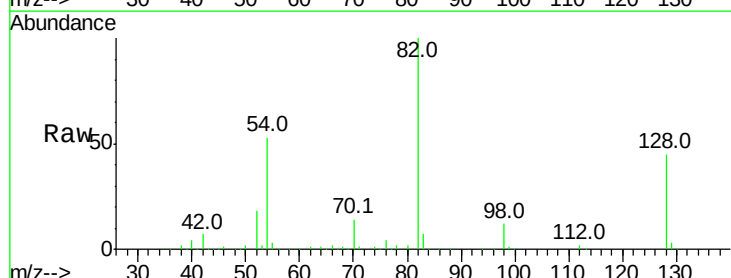


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

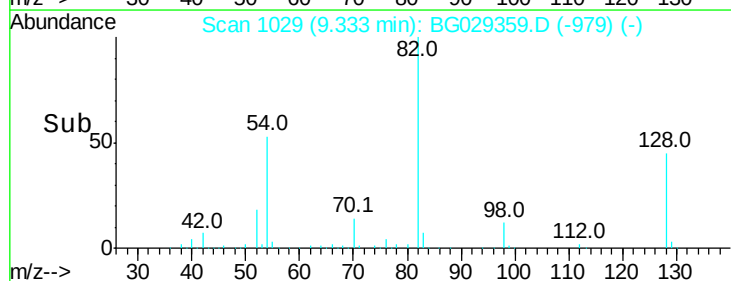
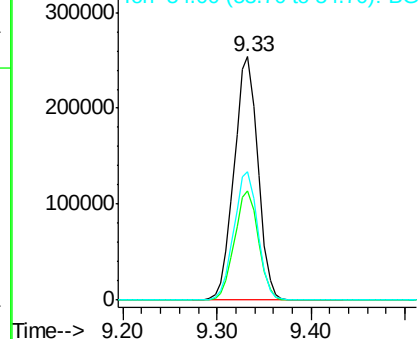


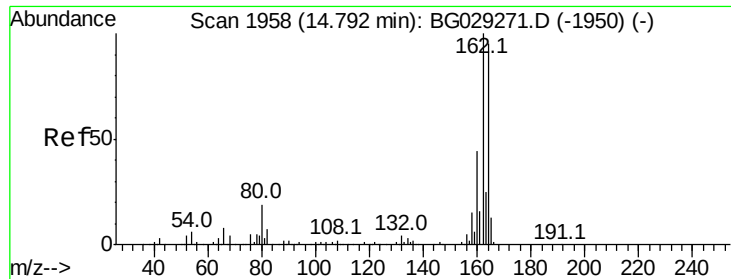
#23
Nitrobenzene-d5
Concen: 112.824 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029359.D
Acq: 19 Oct 2017 9:44

Tgt Ion: 82	Resp:	446090
Ion Ratio	Lower	Upper
82	100	
128	44.9	29.7 44.5#
54	52.8	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: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029359.D

Acq: 19 Oct 2017 9:44

Instrument :

BNA_G

ClientSampleId :

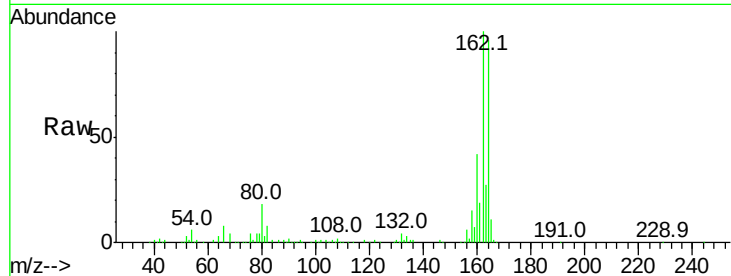
Tot Ion:164 Resp: 159554

Ion Ratio Lower Upper

164 100

162 104.5 78.8 118.2

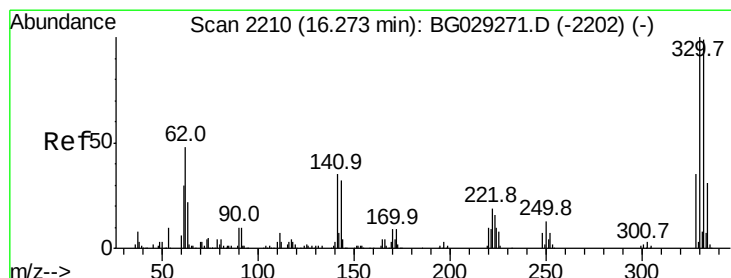
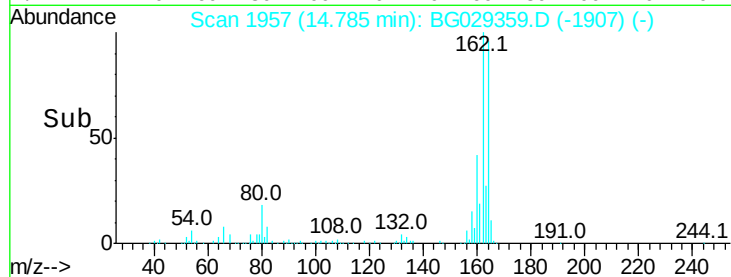
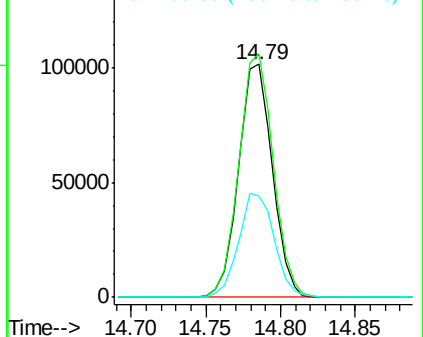
160 43.6 35.4 53.0



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: 202.394 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029359.D

Acq: 19 Oct 2017 9:44

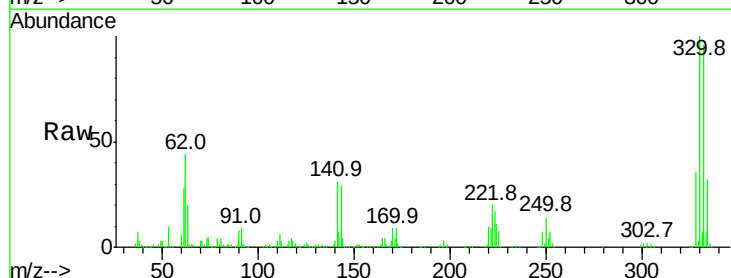
Tgt Ion:330 Resp: 416932

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

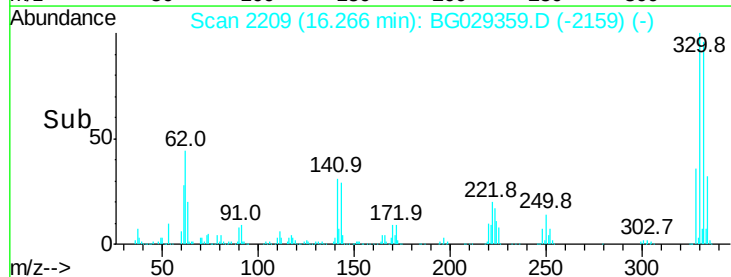
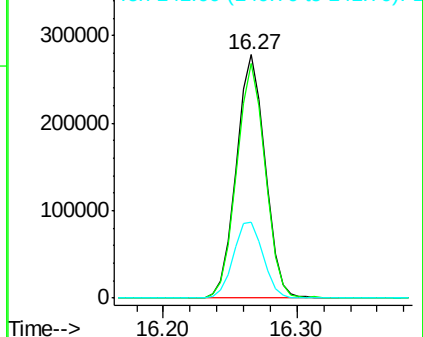
141 32.4 25.2 37.8

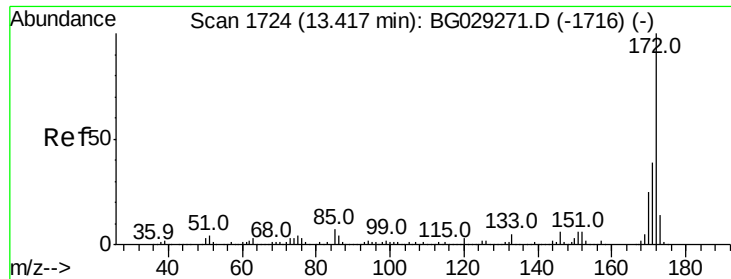


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



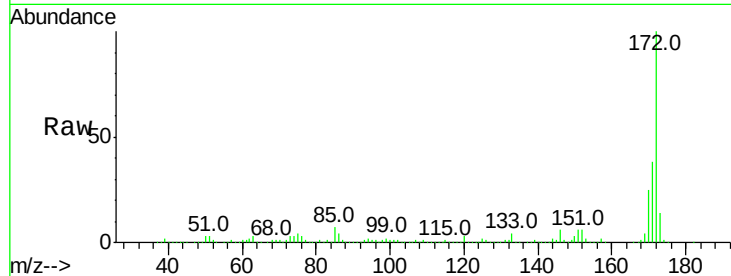


#44
 2-Fluorobiphenyl
 Concen: 107.827 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029359.D
 Acq: 19 Oct 2017 9:44

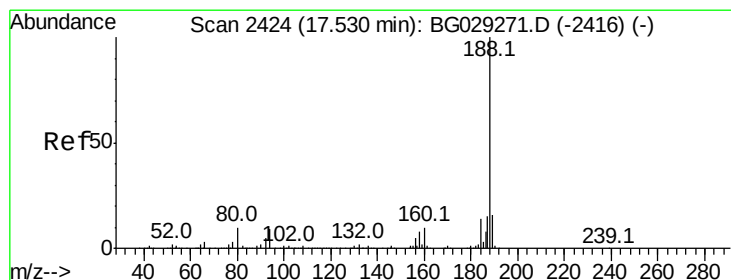
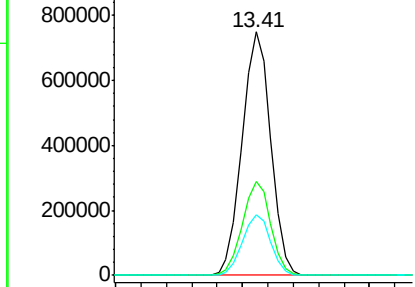
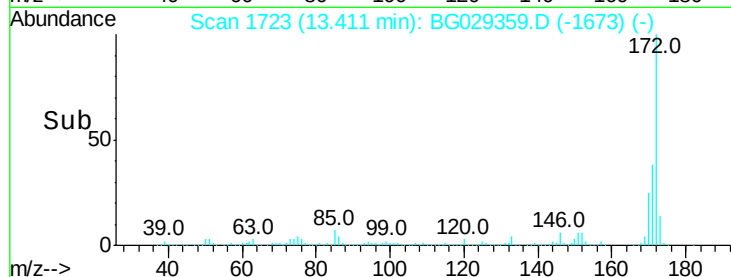
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1173027

Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.9	19.5	29.3



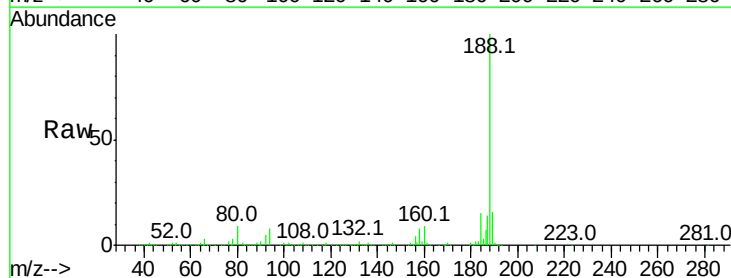
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



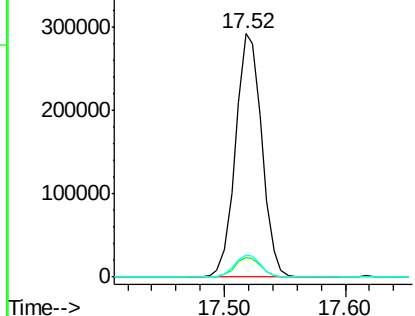
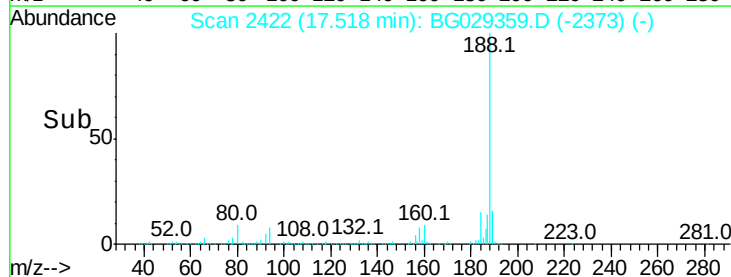
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029359.D
 Acq: 19 Oct 2017 9:44

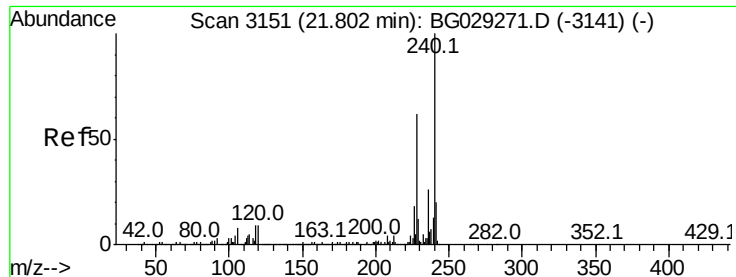
Tgt Ion:188 Resp: 442215

Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.9	10.3
80	9.2	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BG0
 Ion 80.00 (79.70 to 80.70): BG0





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.79 min Scan# 3149

Delta R.T. -0.01 min

Lab File: BG029359.D

Acq: 19 Oct 2017 9:44

Instrument :

BNA_G

ClientSampleId :

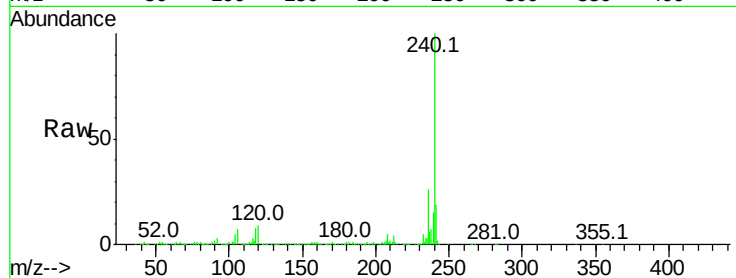
Tot Ion:240 Resp: 521720

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

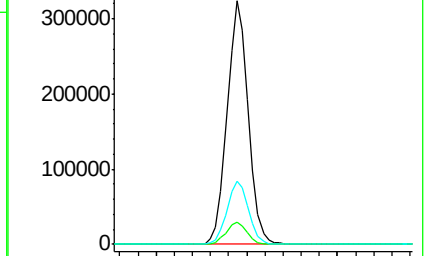
236 26.0 20.9 31.3



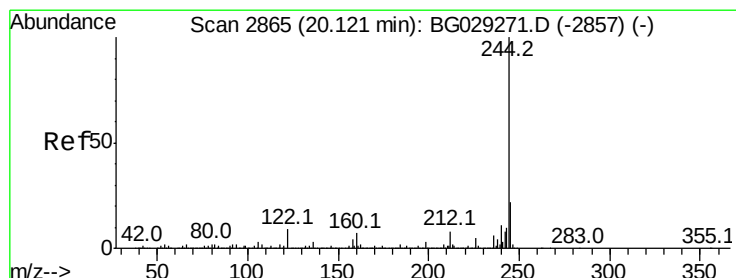
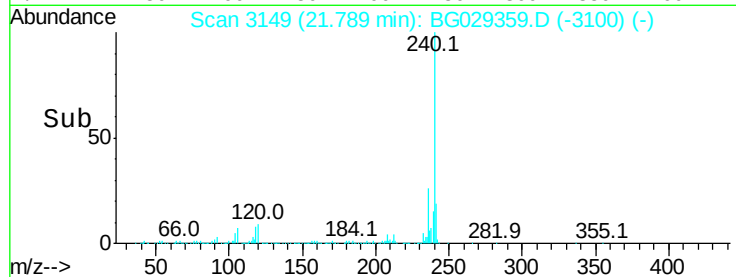
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 97.315 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029359.D

Acq: 19 Oct 2017 9:44

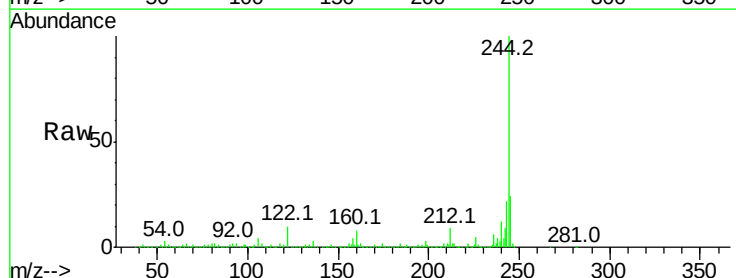
Tgt Ion:244 Resp: 2231770

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

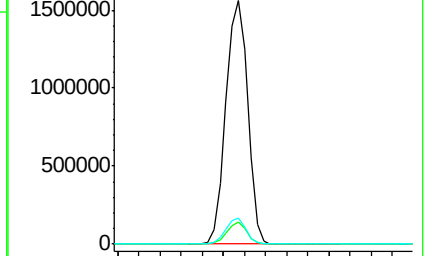
122 10.4 7.0 10.4



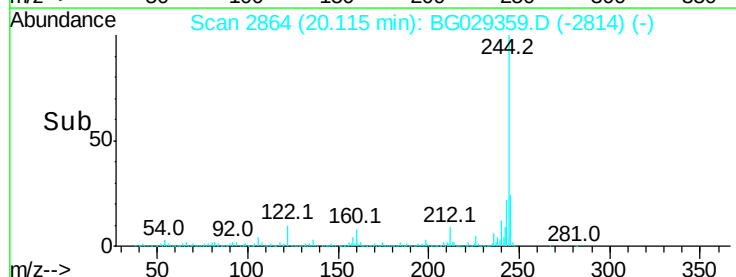
Abundance Ion 244.00 (243.70 to 244.70): E

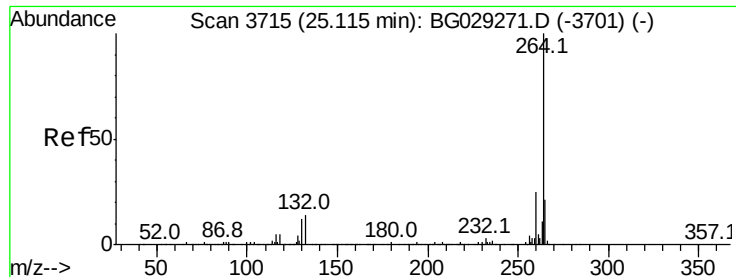
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

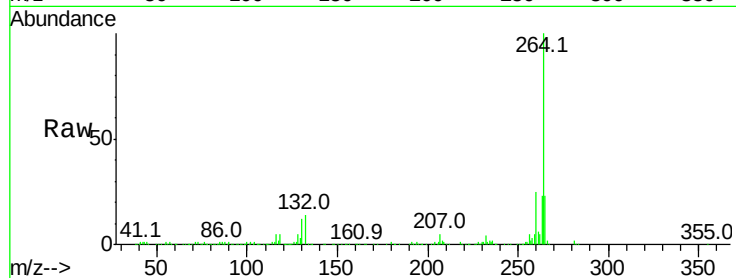




#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.10 min Scan# 3712
Delta R.T. -0.02 min
Lab File: BG029359.D
Acq: 19 Oct 2017 9:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	17.4	26.0
265	22.6	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

