

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029346.D
 Acq On : 19 Oct 2017 00:30
 Operator : SJ/JU
 Sample : I5836-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 02:05:04 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

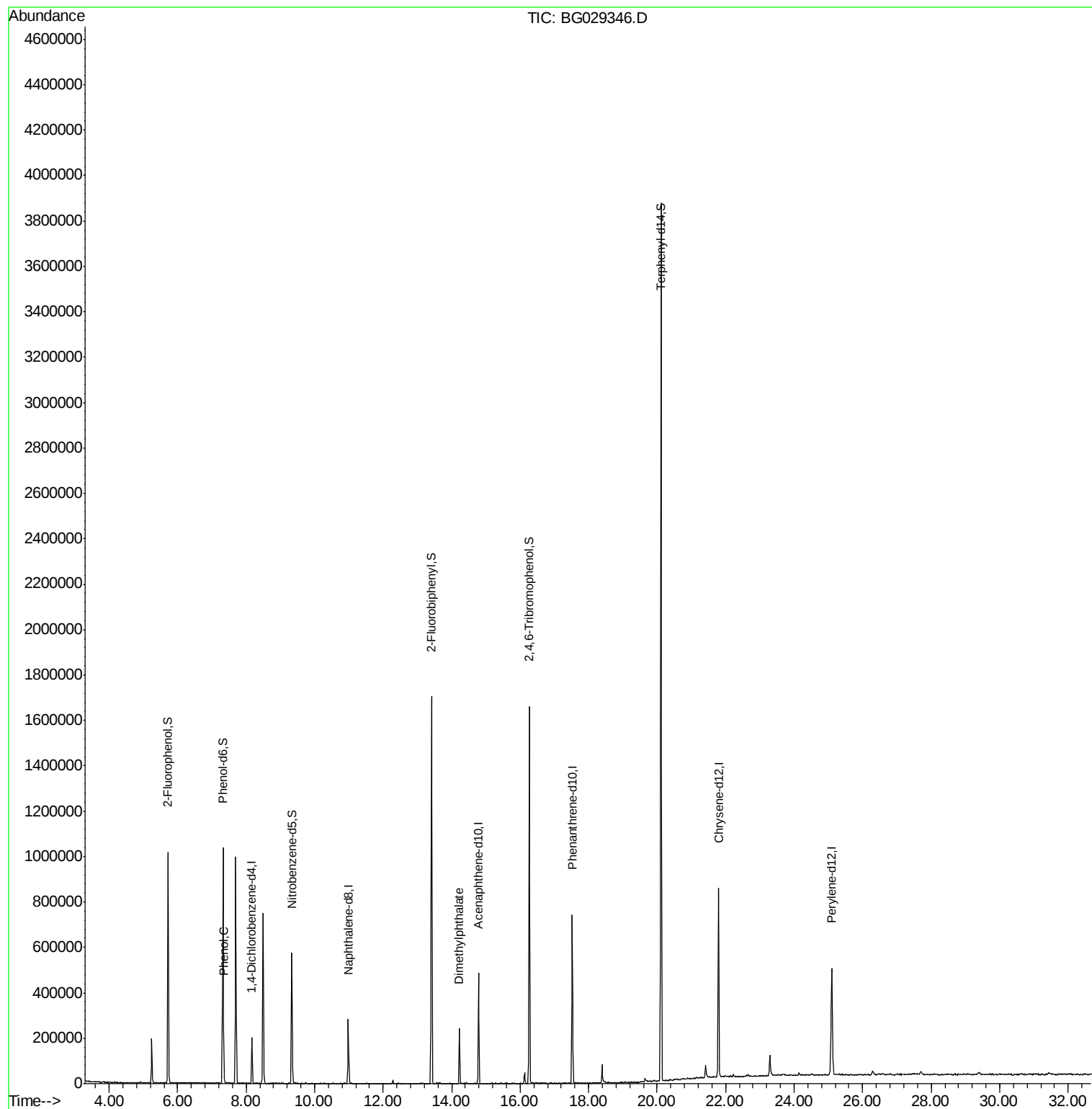
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58516	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	255903	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	168297	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	446323	20.00	ng	0.00
75) Chrysene-d12	21.79	240	515557	20.00	ng	0.00
86) Perylene-d12	25.09	264	519442	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	457799	130.70	ng	0.00
7) Phenol-d6	7.32	99	609638	123.99	ng	0.00
23) Nitrobenzene-d5	9.33	82	349929	86.90	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	331353	152.49	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	947205	82.55	ng	0.00
78) Terphenyl-d14	20.11	244	1713617	75.61	ng	0.00
Target Compounds						
10) Phenol	7.34	94	30979	5.844	ng	96
49) Dimethylphthalate	14.22	163	162691	12.390	ng	99

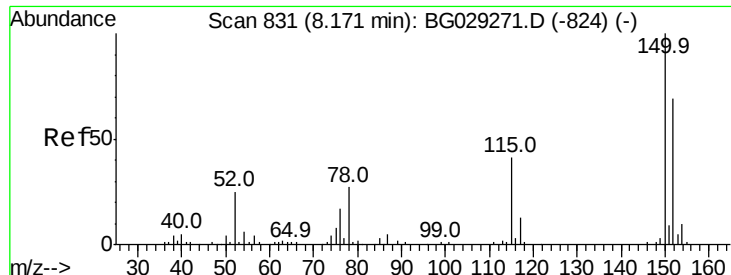
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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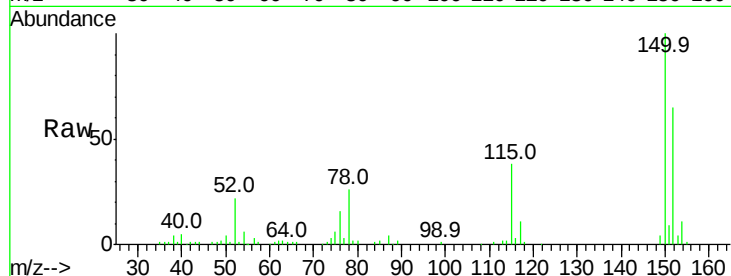


#1

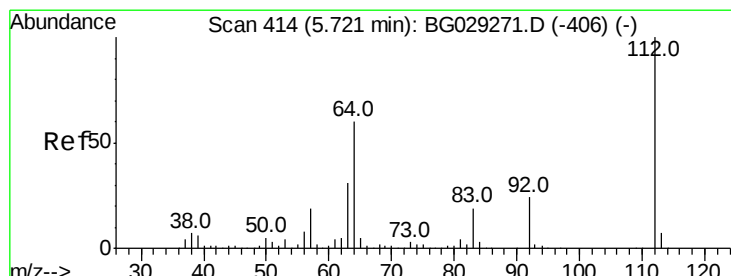
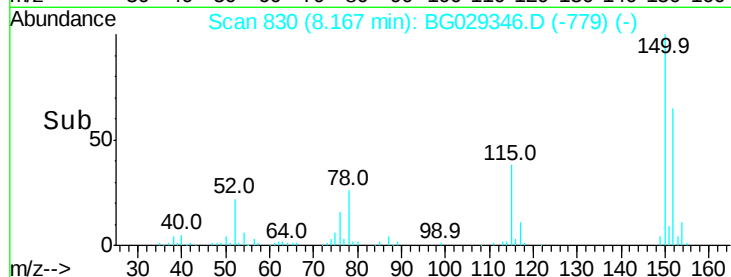
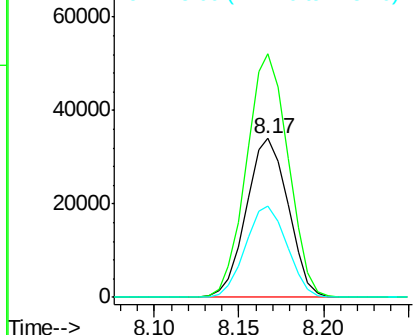
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 58516
Ion Ratio Lower Upper
152 100
150 153.1 126.6 189.8
115 57.7 53.0 79.4



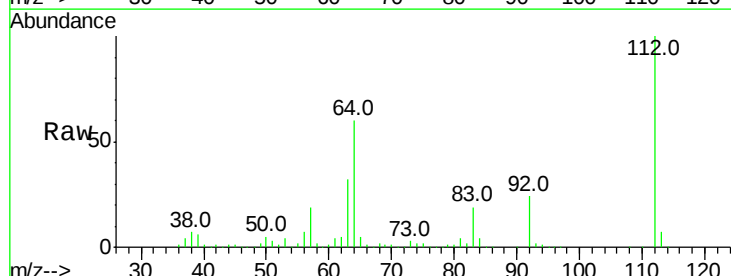
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



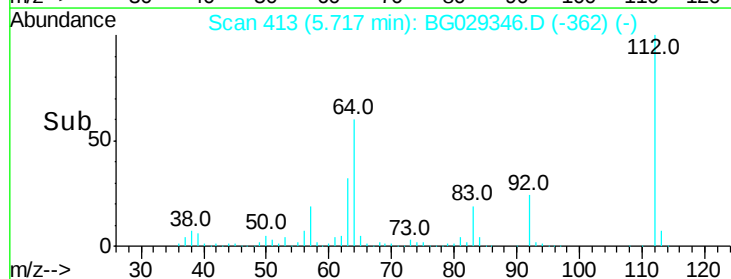
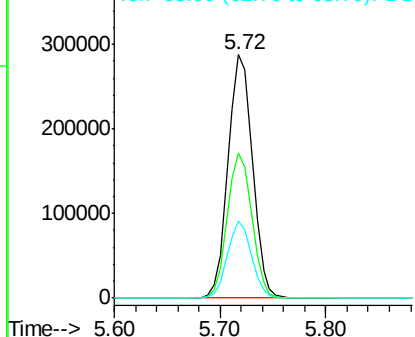
#5

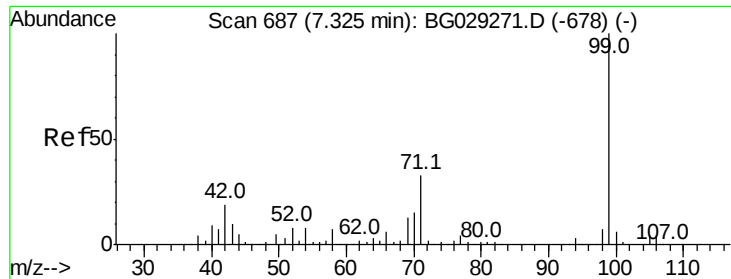
2-Fluorophenol
Concen: 130.695 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion:112 Resp: 457799
Ion Ratio Lower Upper
112 100
64 59.8 56.3 84.5
63 31.8 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: 123.993 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

Instrument :

BNA_G

ClientSampled :

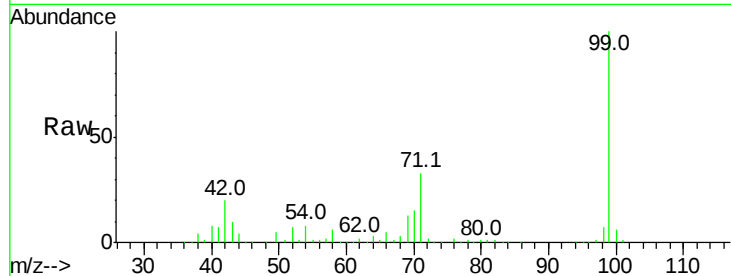
Tot Ion: 99 Resp: 609638

Ion Ratio Lower Upper

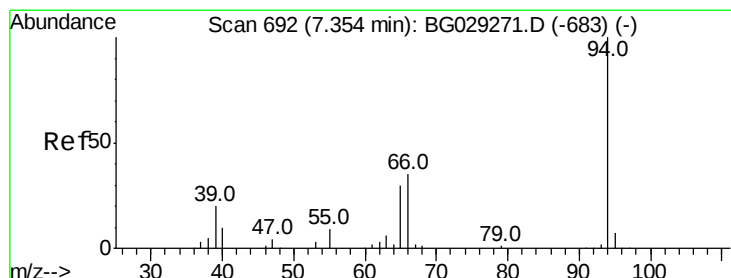
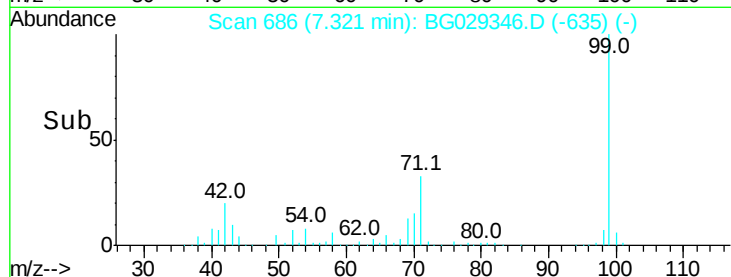
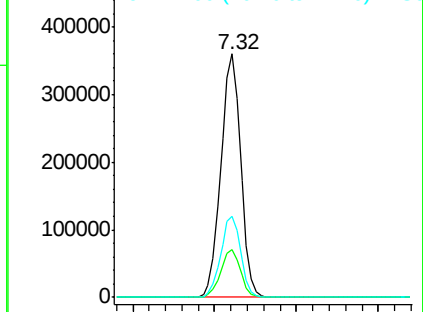
99 100

42 19.5 14.1 21.1

71 33.3 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: 5.844 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

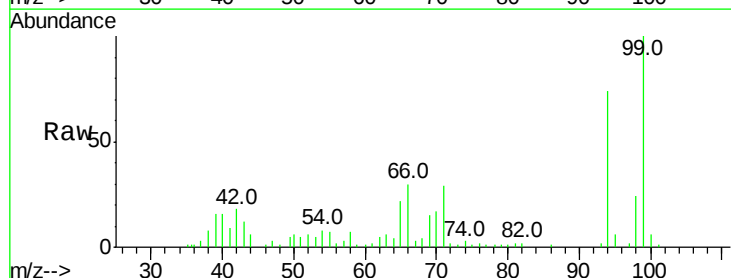
Tgt Ion: 94 Resp: 30979

Ion Ratio Lower Upper

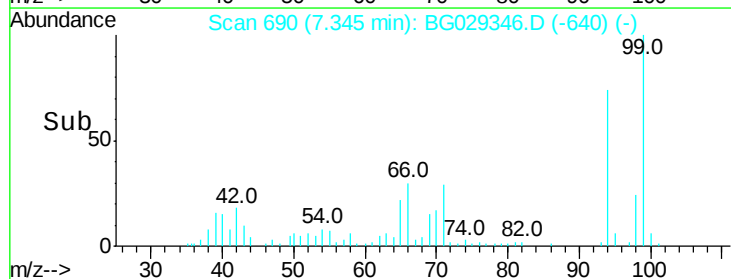
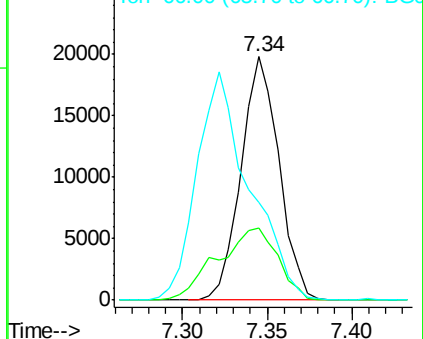
94 100

65 29.5 11.9 51.9

66 40.1 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029346.D

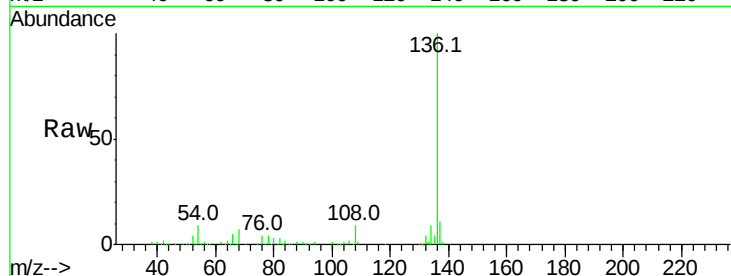
Acq: 19 Oct 2017 00:30

Instrument :

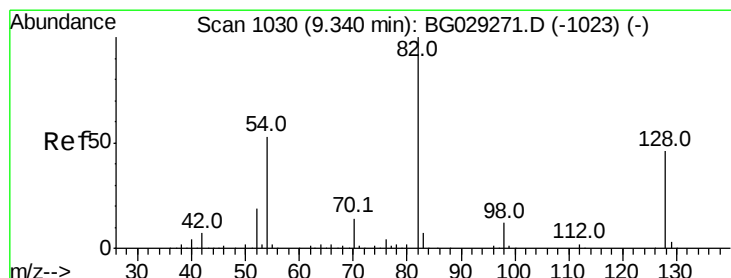
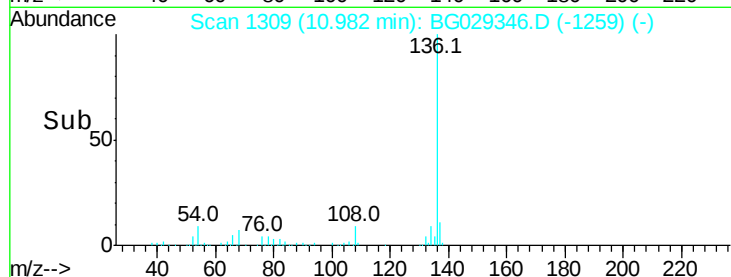
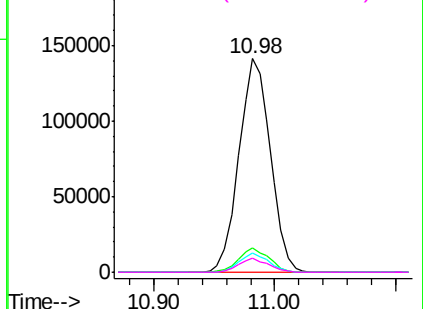
BNA_G

ClientSampleId :

Tot Ion:136	Resp:	255903
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.2 13.8
54	8.9	10.3 15.5#
68	6.6	4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E



#23

Nitrobenzene-d5

Concen: 86.896 ng

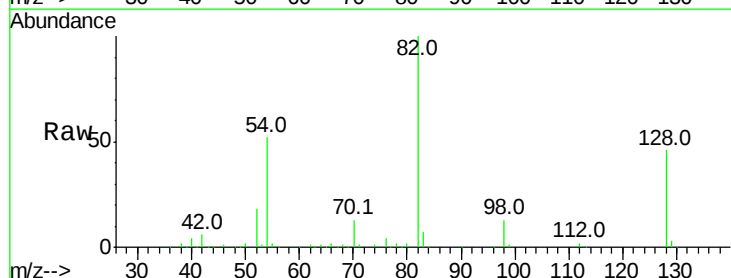
RT: 9.33 min Scan# 1028

Delta R.T. -0.01 min

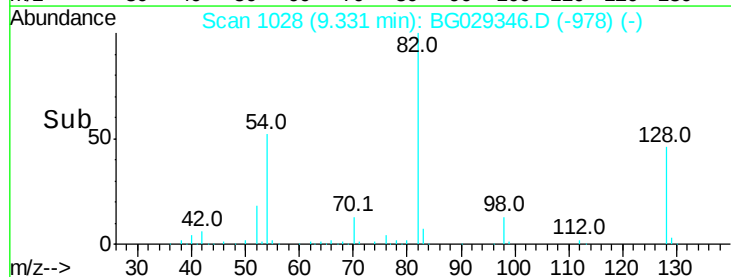
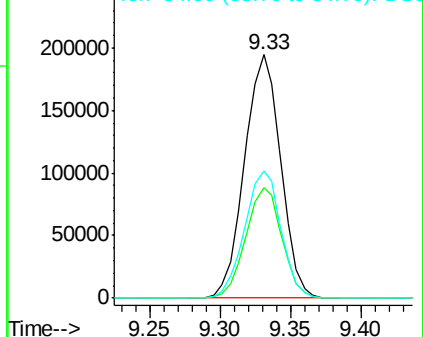
Lab File: BG029346.D

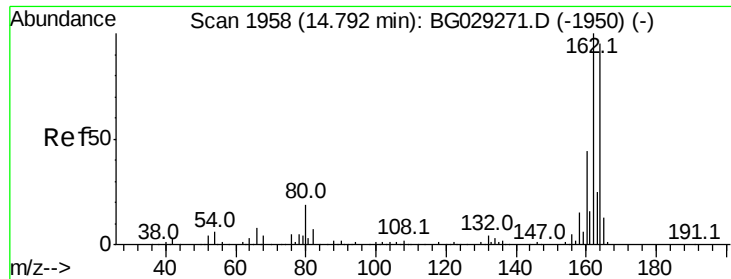
Acq: 19 Oct 2017 00:30

Tgt Ion: 82	Resp:	349929
Ion	Ratio	Lower Upper
82	100	
128	45.6	29.7 44.5#
54	52.4	43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

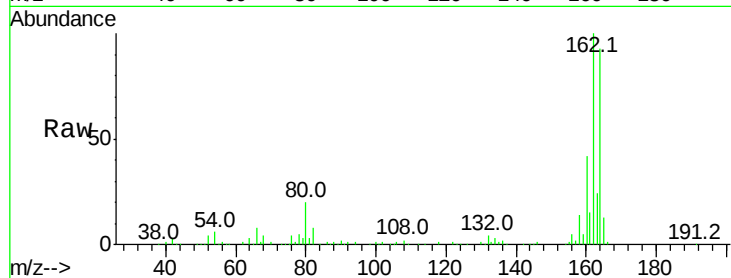
Instrument :

BNA_G

ClientSampleId :

Tot Ion:164 Resp: 168297

Ion	Ratio	Lower	Upper
164	100		
162	107.1	78.8	118.2
160	45.5	35.4	53.0

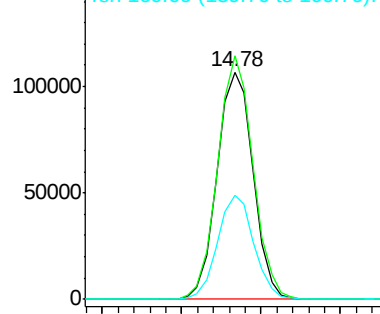


Abundance

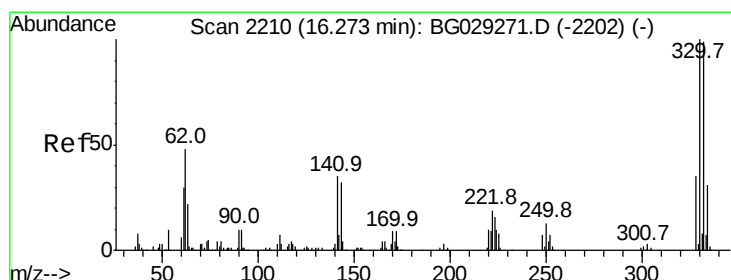
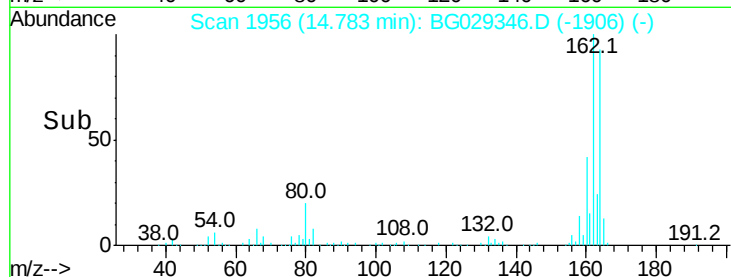
Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time-->



#41

2,4,6-Tribromophenol

Concen: 152.494 ng

RT: 16.26 min Scan# 2208

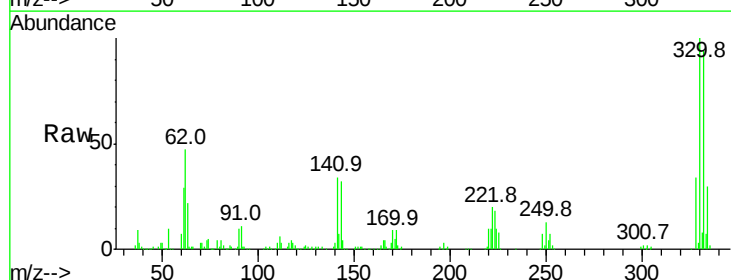
Delta R.T. -0.01 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

Tgt Ion:330 Resp: 331353

Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	33.1	25.2	37.8

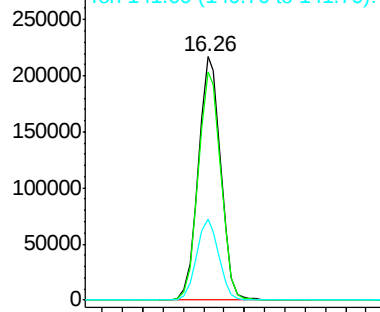


Abundance

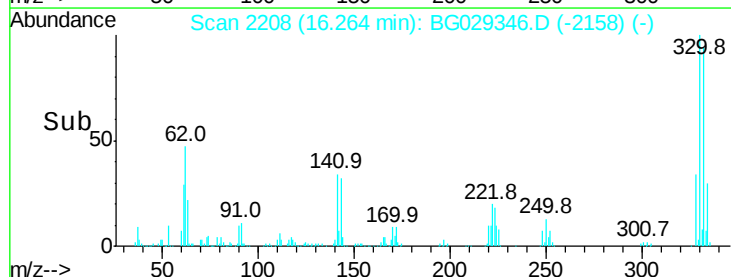
Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



Time-->

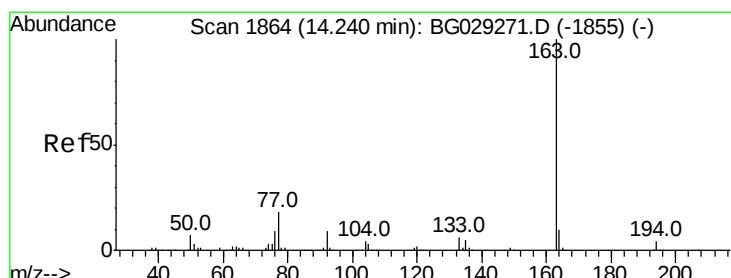
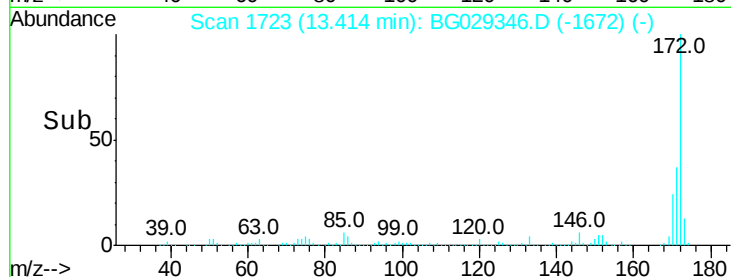
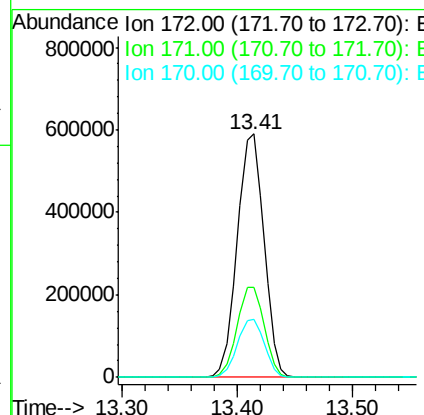
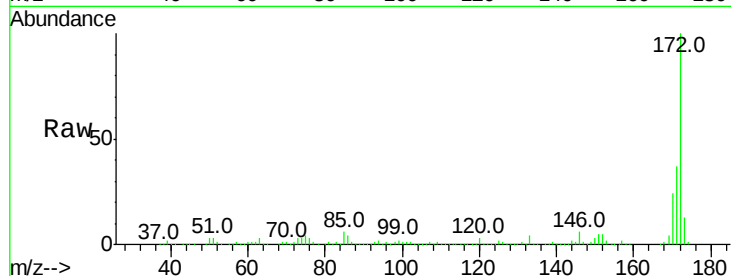




#44
2-Fluorobiphenyl
Concen: 82.546 ng
RT: 13.41 min Scan# 1723
Delta R.T. -0.00 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

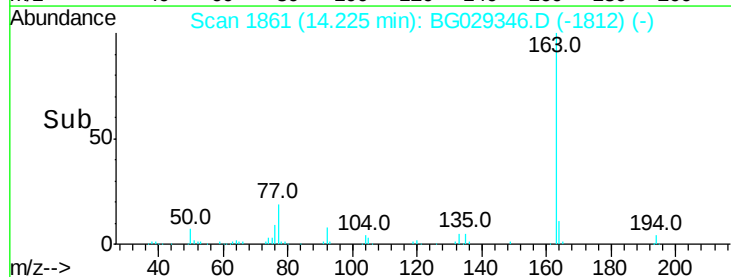
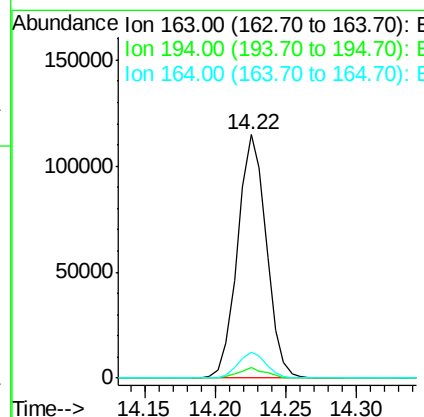
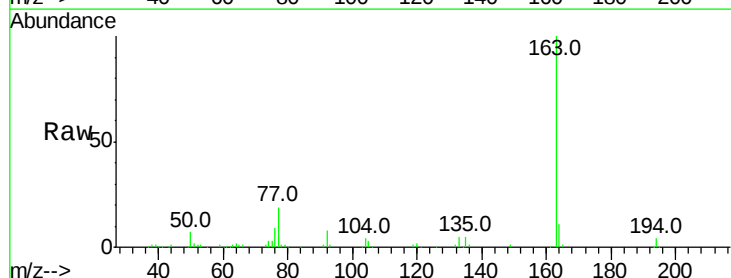
Instrument :
BNA_G
ClientSampleId :

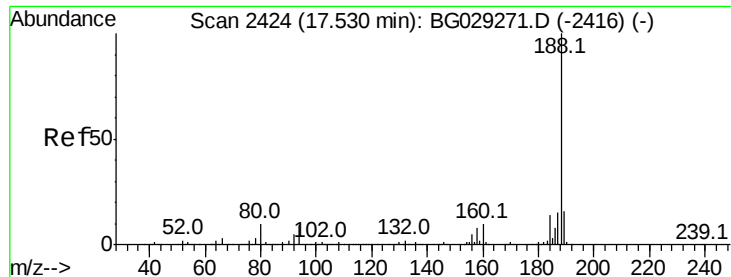
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	23.6	19.5	29.3



#49
Dimethylphthalate
Concen: 12.390 ng
RT: 14.22 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	10.7	8.2	12.4

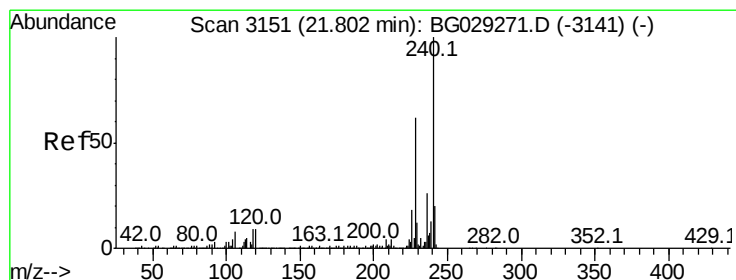
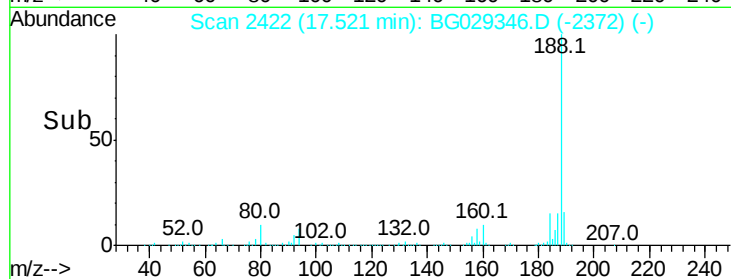
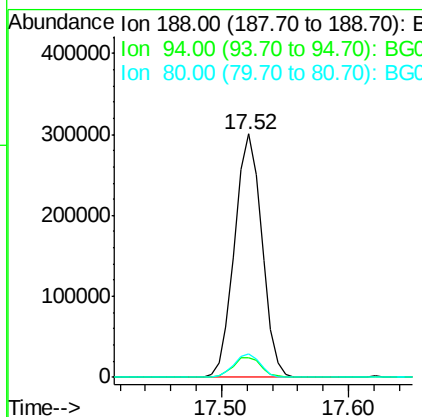
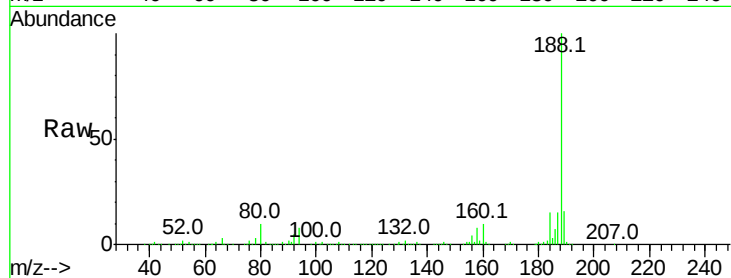




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

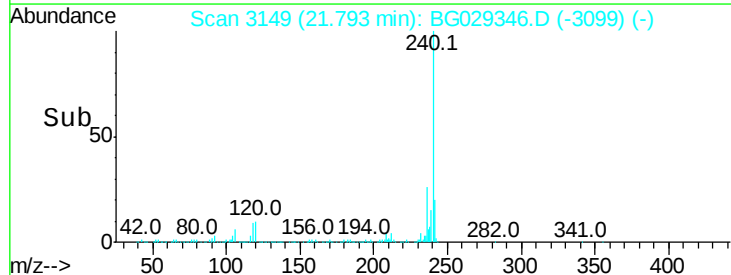
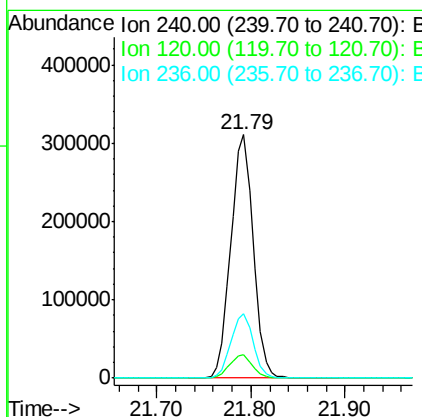
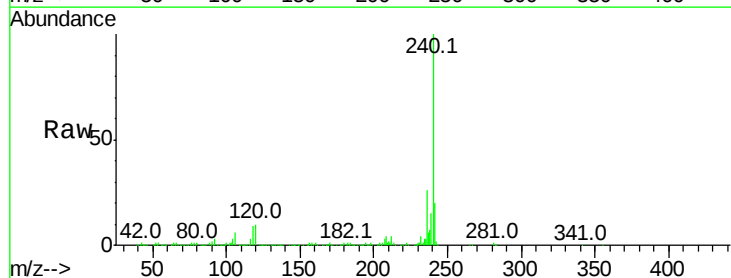
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 446323
Ion Ratio Lower Upper
188 100
94 8.1 6.9 10.3
80 9.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029346.D
Acq: 19 Oct 2017 00:30

Tgt Ion:240 Resp: 515557
Ion Ratio Lower Upper
240 100
120 9.7 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 75.615 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

Instrument :

BNA_G

ClientSampleId :

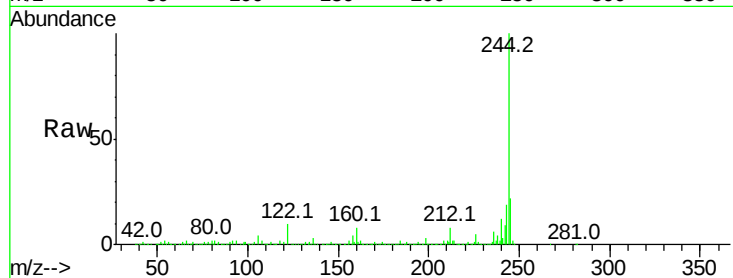
Tot Ion:244 Resp: 1713617

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

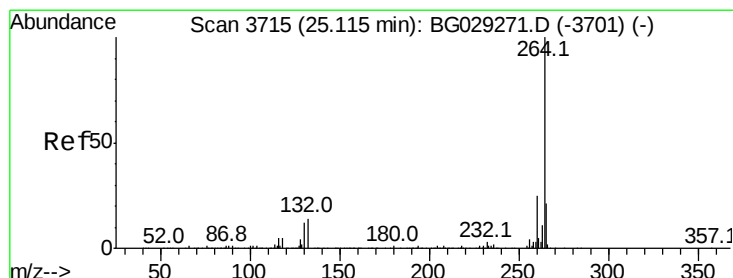
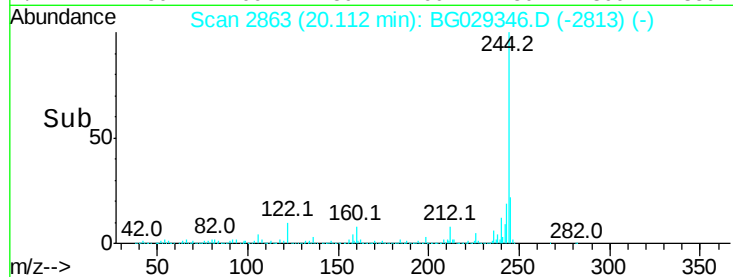
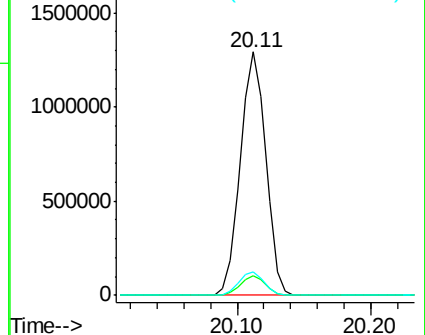
122 9.8 7.0 10.4



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029346.D

Acq: 19 Oct 2017 00:30

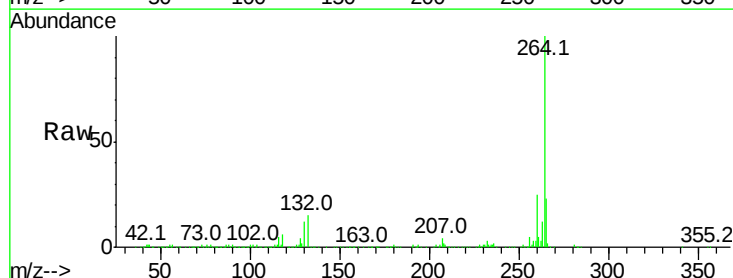
Tgt Ion:264 Resp: 519442

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 22.7 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

