

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029351.D
 Acq On : 19 Oct 2017 3:48
 Operator : SJ/JU
 Sample : I5901-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:34:01 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

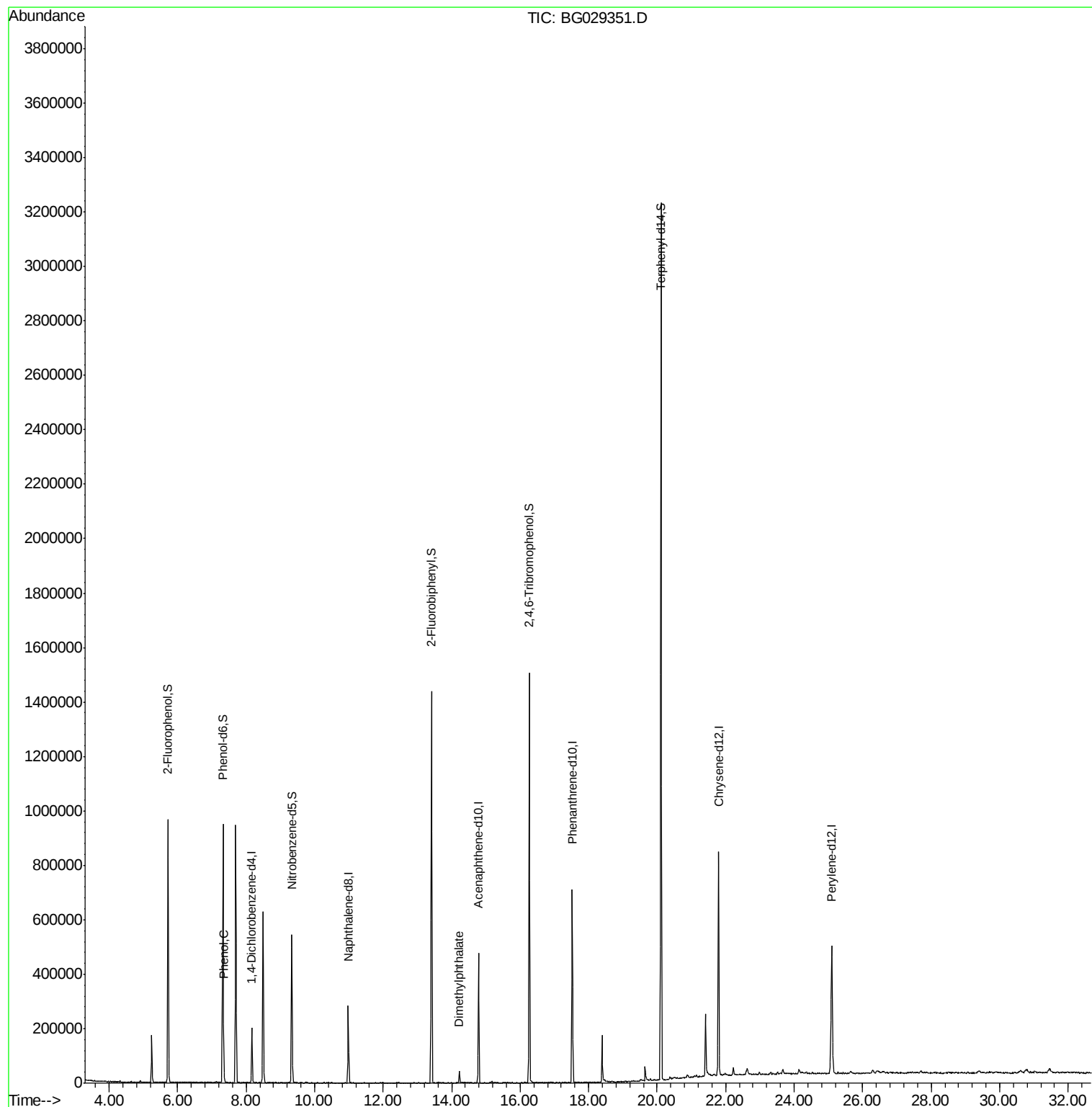
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	56203	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	253039	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	169770	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	436915	20.00	ng	0.00
75) Chrysene-d12	21.79	240	509906	20.00	ng	0.00
86) Perylene-d12	25.09	264	517466	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	427303	127.01	ng	0.00
7) Phenol-d6	7.32	99	572825	121.30	ng	0.00
23) Nitrobenzene-d5	9.33	82	326312	81.95	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	295139	134.65	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	770567	66.57	ng	0.00
78) Terphenyl-d14	20.11	244	1446663	64.54	ng	0.00
Target Compounds						
10) Phenol	7.34	94	27382	5.378	ng	93
49) Dimethylphthalate	14.22	163	27990	2.113	ng	98

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

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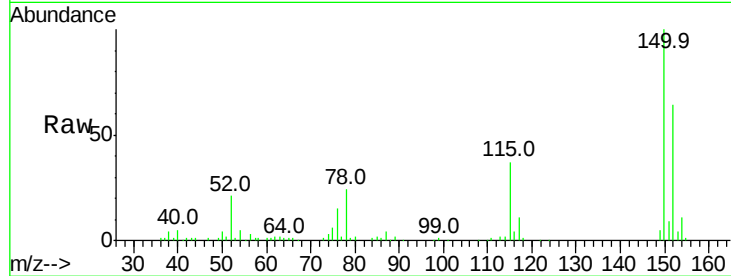


#1

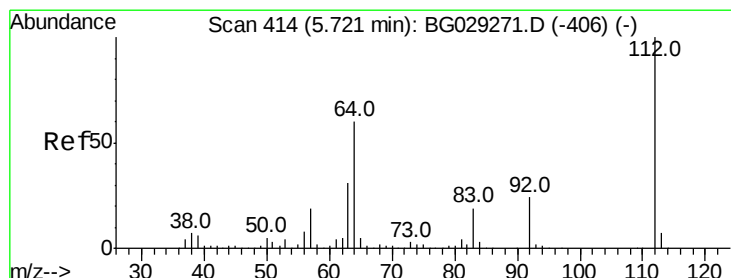
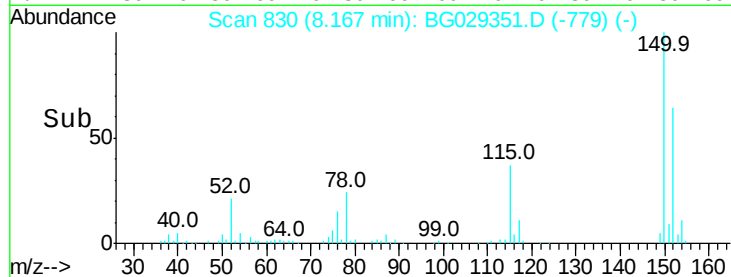
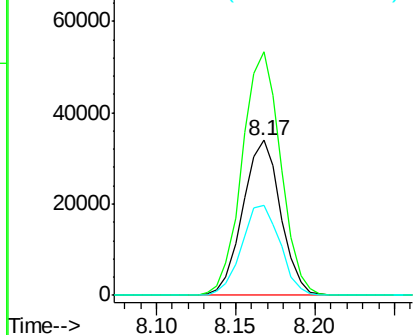
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029351.D
Acq: 19 Oct 2017 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 56203
Ion Ratio Lower Upper
152 100
150 157.1 126.6 189.8
115 57.9 53.0 79.4



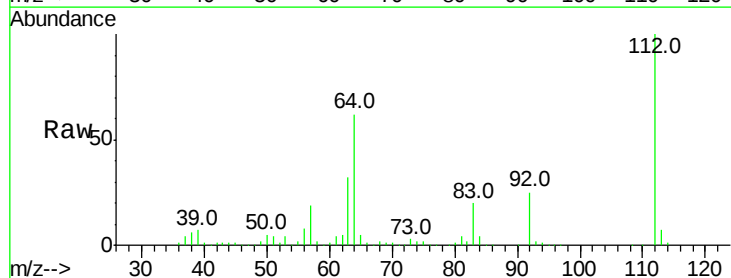
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



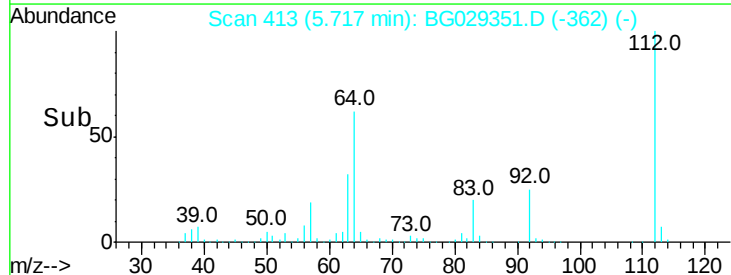
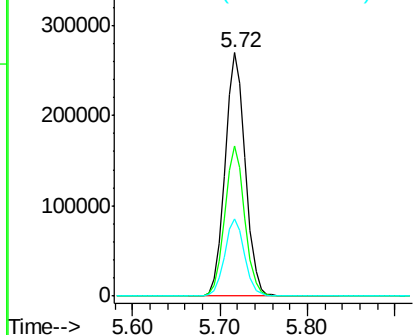
#5

2-Fluorophenol
Concen: 127.010 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029351.D
Acq: 19 Oct 2017 3:48

Tgt Ion:112 Resp: 427303
Ion Ratio Lower Upper
112 100
64 61.9 56.3 84.5
63 31.6 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: 121.300 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029351.D

Acq: 19 Oct 2017 3:48

Instrument :

BNA_G

ClientSampleId :

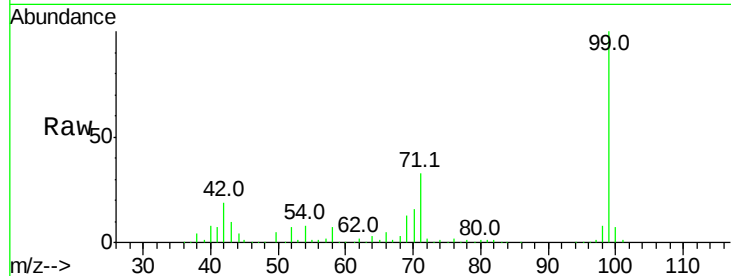
Tot Ion: 99 Resp: 572825

Ion Ratio Lower Upper

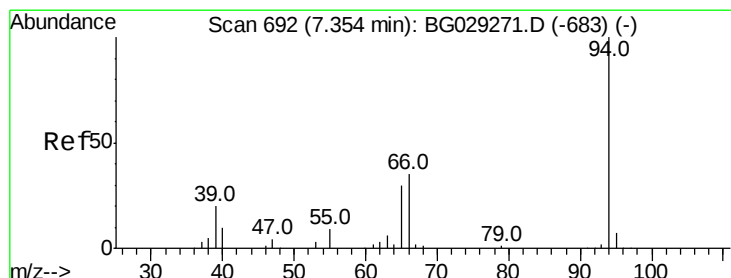
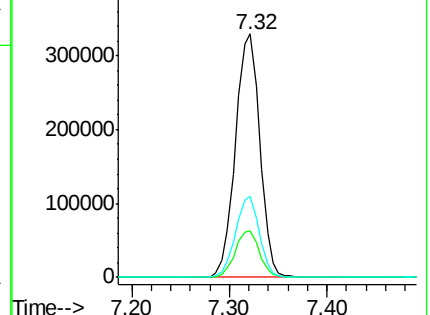
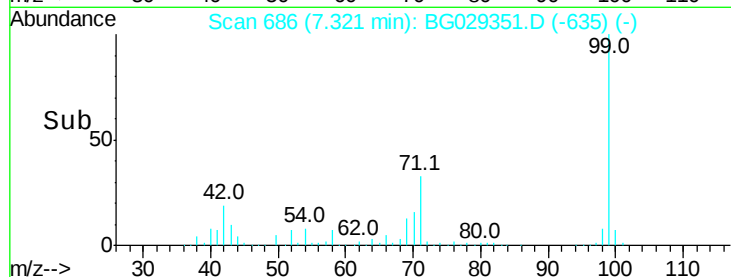
99 100

42 19.0 14.1 21.1

71 33.1 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: 5.378 ng

RT: 7.34 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG029351.D

Acq: 19 Oct 2017 3:48

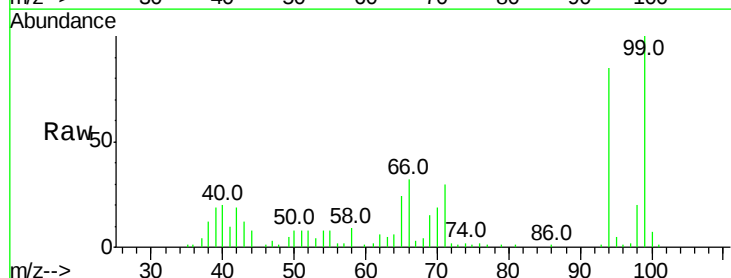
Tgt Ion: 94 Resp: 27382

Ion Ratio Lower Upper

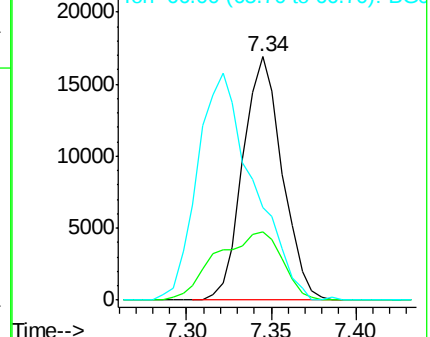
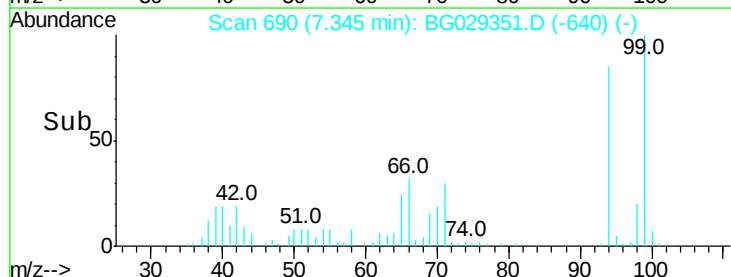
94 100

65 28.0 11.9 51.9

66 38.2 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

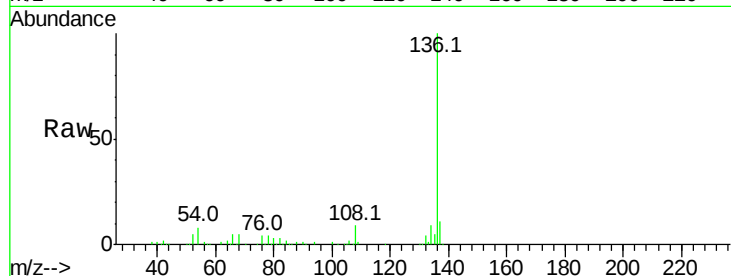




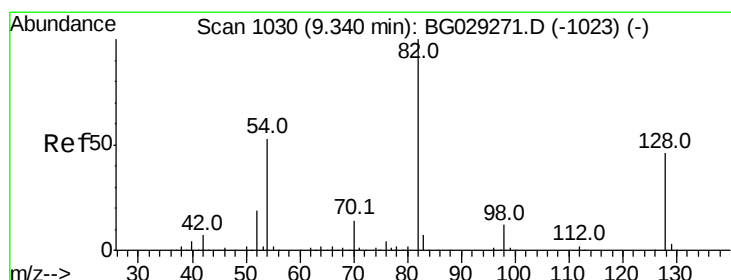
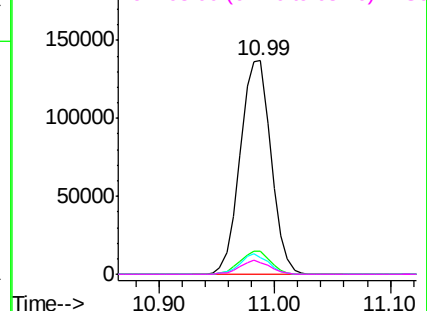
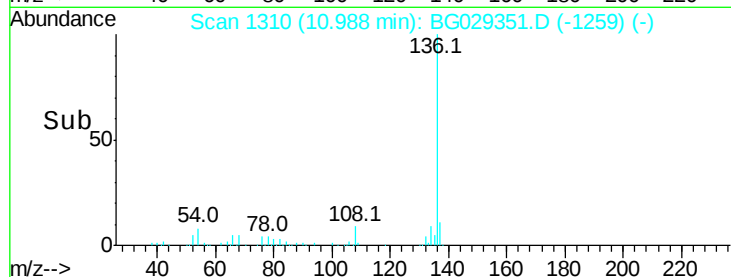
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BG029351.D
Acq: 19 Oct 2017 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	253039
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	10.3	15.5#
68	5.2	4.5	6.7

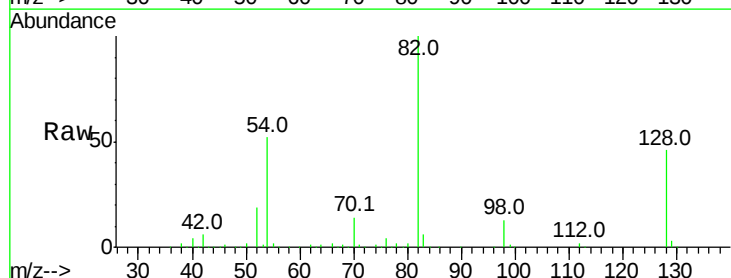


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

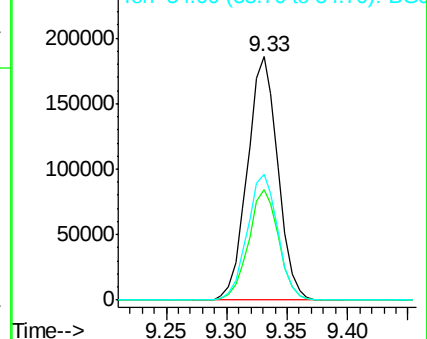
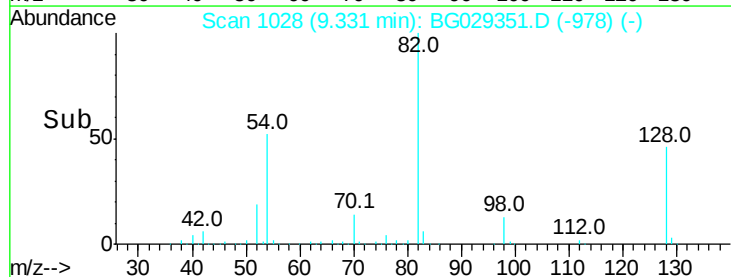


#23
Nitrobenzene-d5
Concen: 81.949 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029351.D
Acq: 19 Oct 2017 3:48

Tgt Ion:	82	Resp:	326312
Ion	Ratio	Lower	Upper
82	100		
128	45.5	29.7	44.5#
54	51.7	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BG029351.D

Acq: 19 Oct 2017 3:48

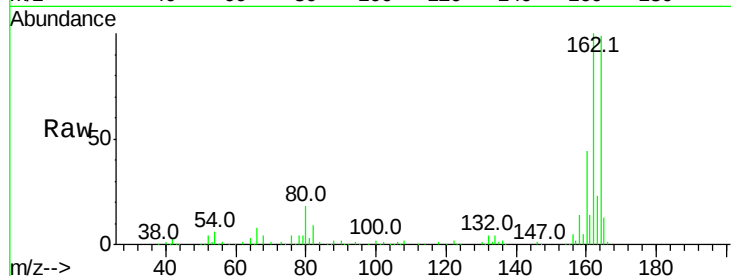
Instrument :

BNA_G

ClientSampled :

Tot Ion:164 Resp: 169770

Ion	Ratio	Lower	Upper
164	100		
162	100.5	78.8	118.2
160	44.5	35.4	53.0

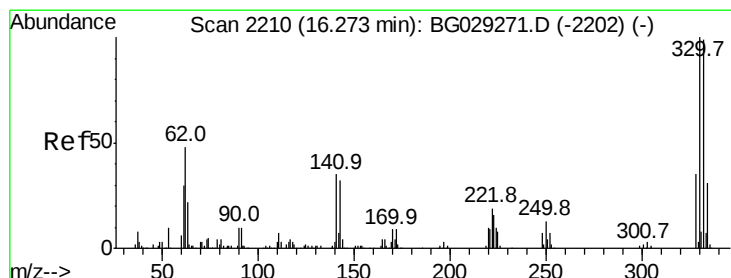
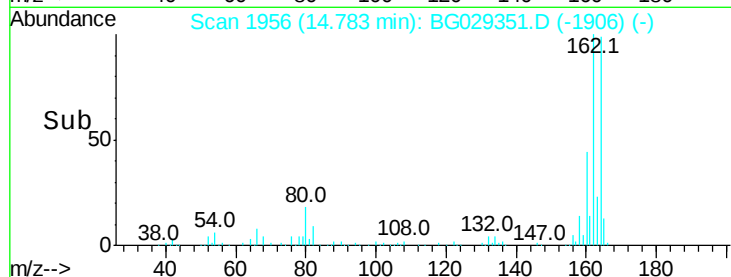
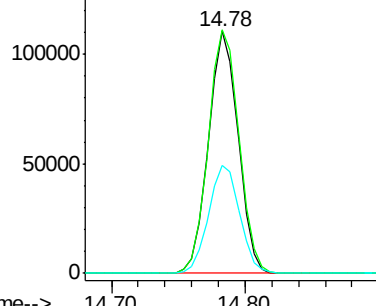


Abundance

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



#41

2,4,6-Tribromophenol

Concen: 134.650 ng

RT: 16.26 min Scan# 2208

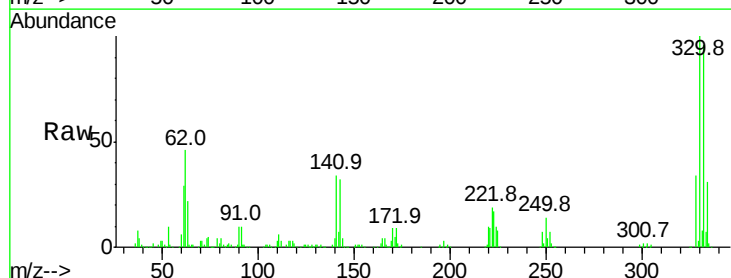
Delta R.T. -0.01 min

Lab File: BG029351.D

Acq: 19 Oct 2017 3:48

Tgt Ion:330 Resp: 295139

Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	33.4	25.2	37.8

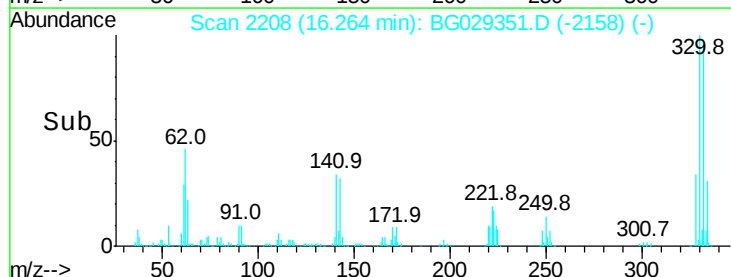
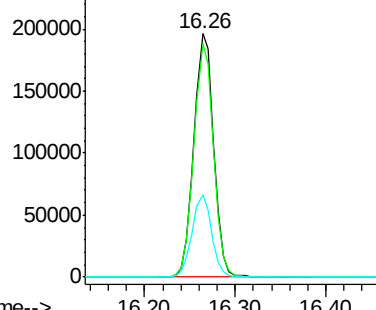


Abundance

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

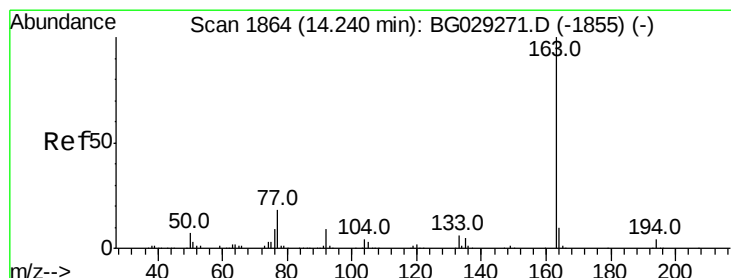
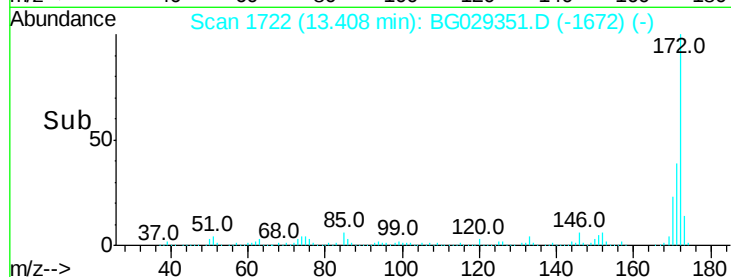
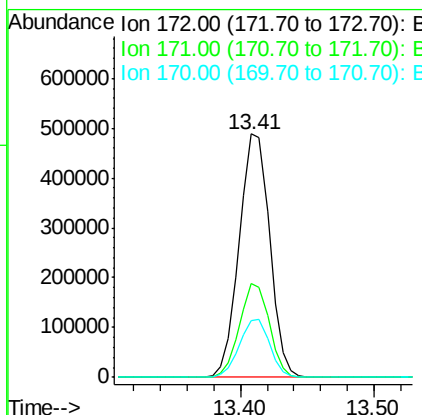
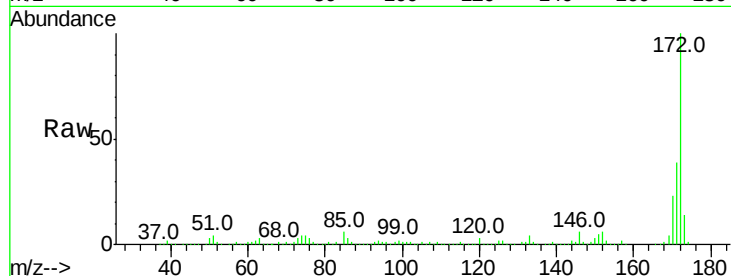




#44
 2-Fluorobiphenyl
 Concen: 66.570 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029351.D
 Acq: 19 Oct 2017 3:48

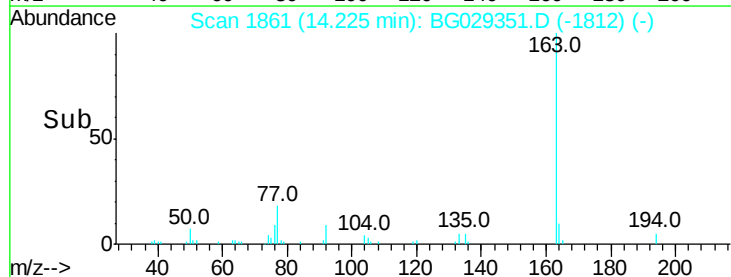
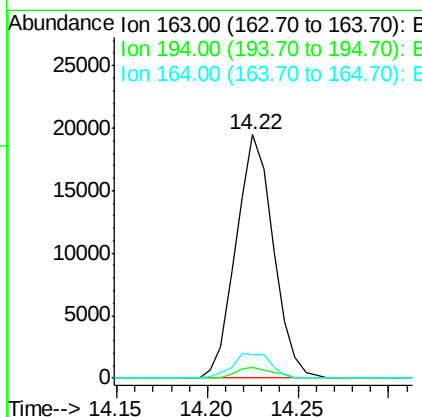
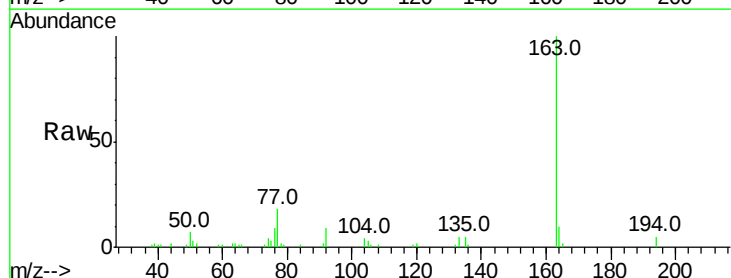
Instrument :
 BNA_G
 ClientSampleId :

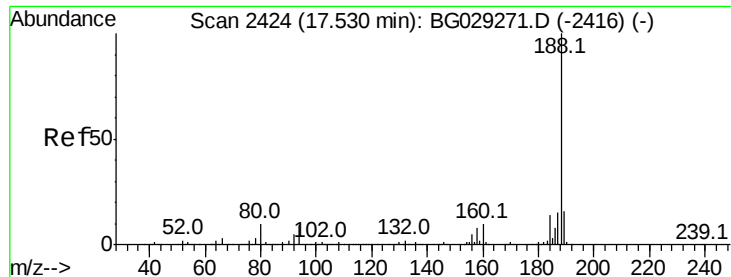
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	23.5	19.5	29.3



#49
 Dimethylphthalate
 Concen: 2.113 ng
 RT: 14.22 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: BG029351.D
 Acq: 19 Oct 2017 3:48

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.4	5.2
164	9.5	8.2	12.4

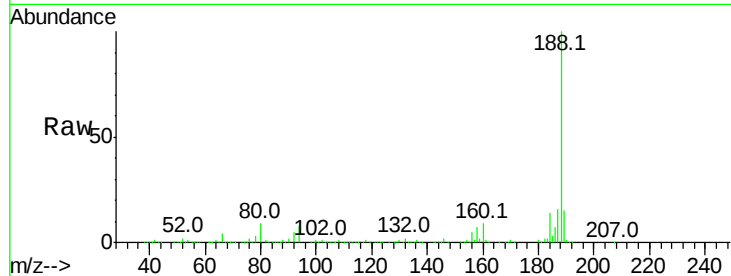




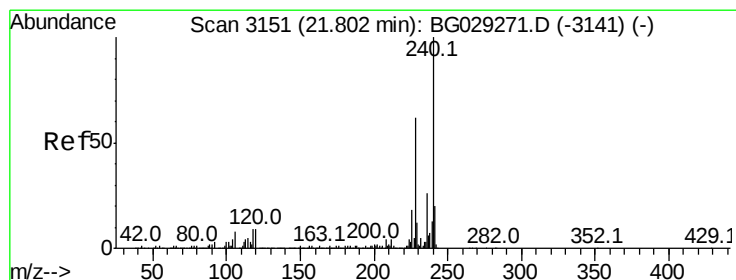
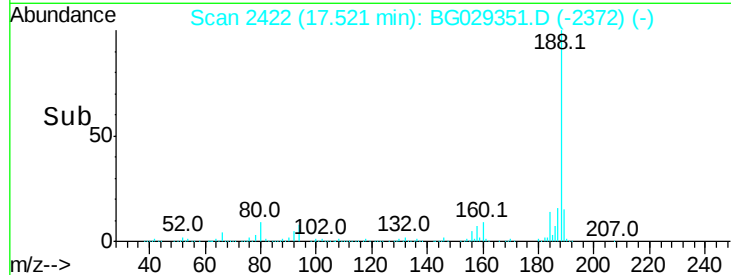
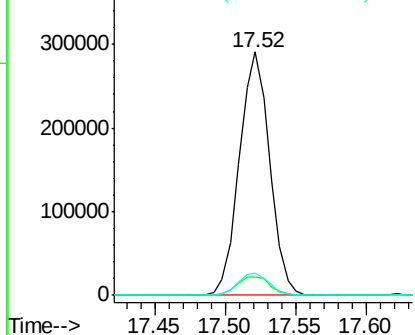
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029351.D
Acq: 19 Oct 2017 3:48

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 436915
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.1 7.7 11.5

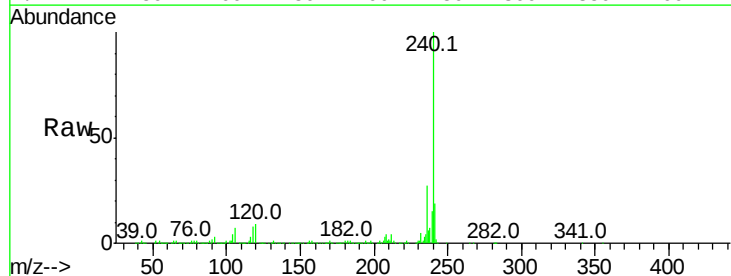


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

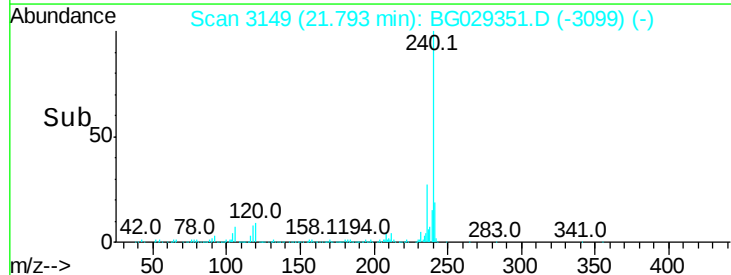
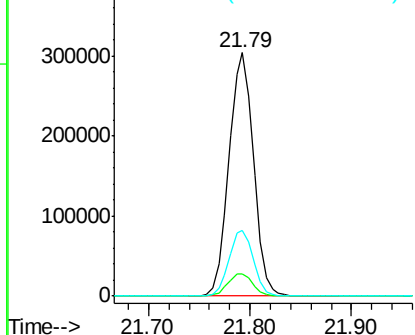


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029351.D
Acq: 19 Oct 2017 3:48

Tgt Ion:240 Resp: 509906
Ion Ratio Lower Upper
240 100
120 9.2 6.8 10.2
236 26.9 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: 64.542 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029351.D

Acq: 19 Oct 2017 3:48

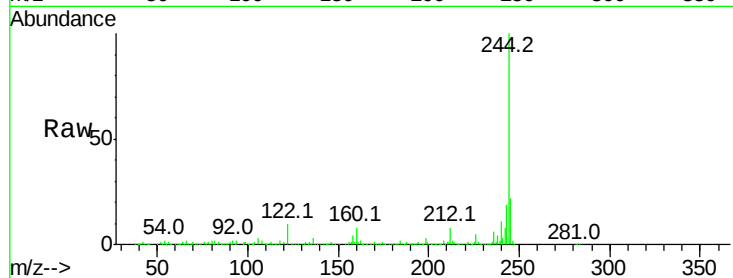
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1446663

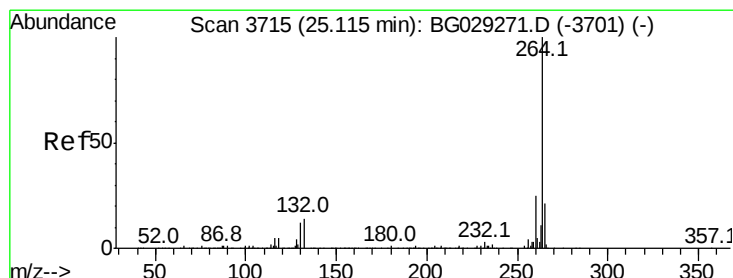
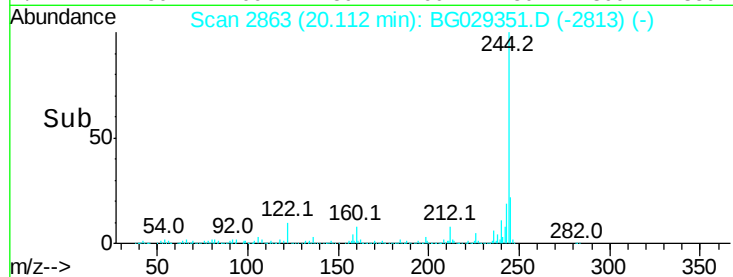
Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.8
122	10.0	7.0	10.4



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

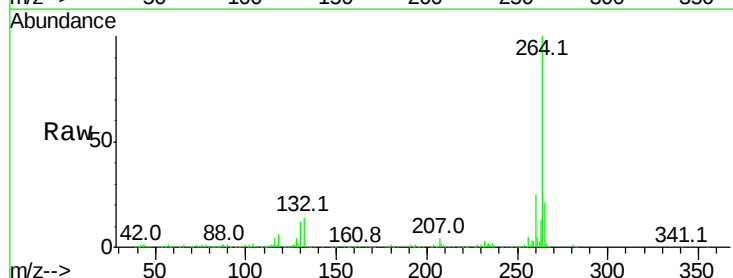
Delta R.T. -0.02 min

Lab File: BG029351.D

Acq: 19 Oct 2017 3:48

Tgt Ion:264 Resp: 517466

Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	21.4	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

