

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029388.D
 Acq On : 21 Oct 2017 12:45
 Operator : SJ/JU
 Sample : I6017-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:36:34 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

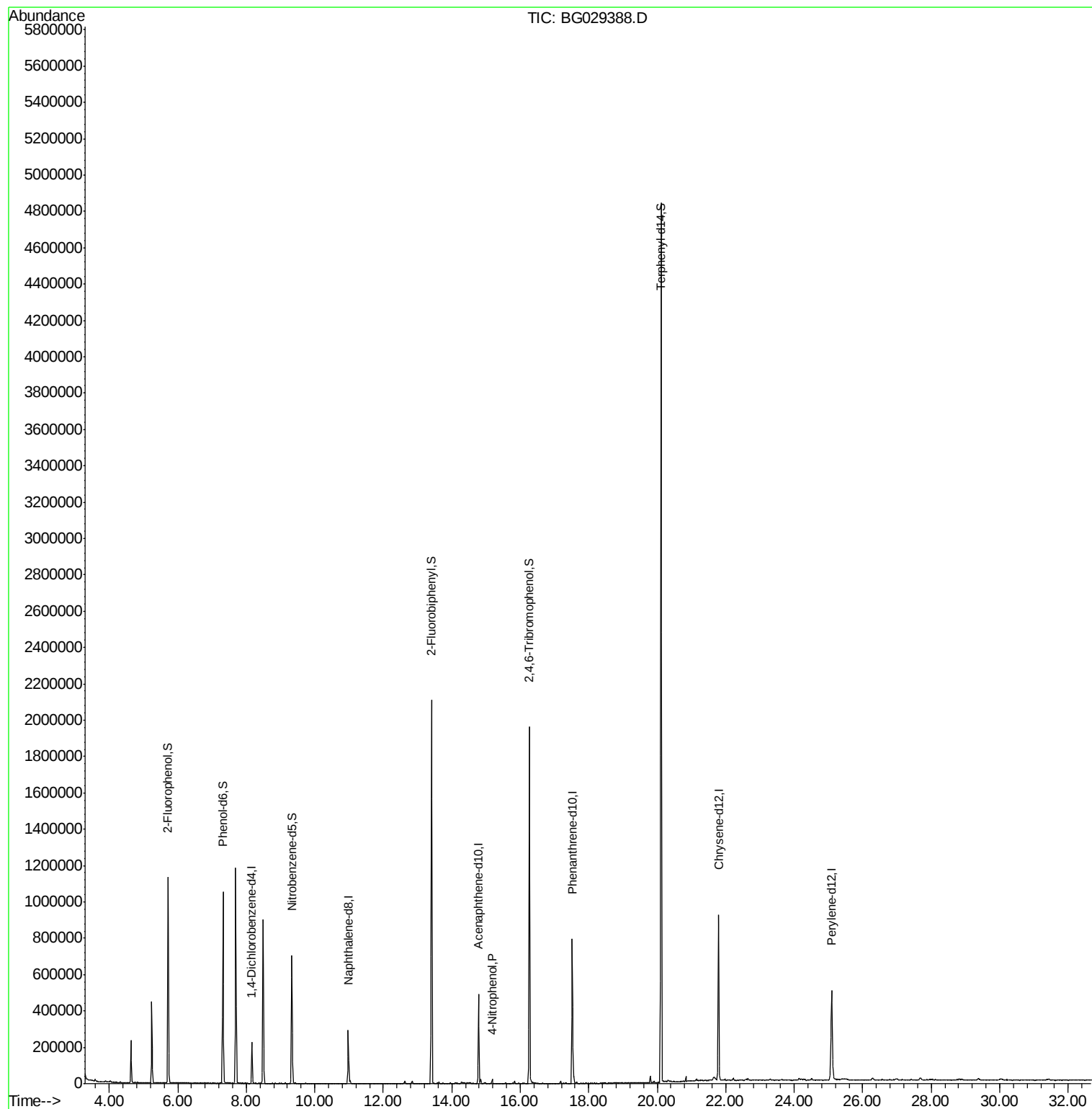
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	62497	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	263581	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	175596	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	490415	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	574223	20.00	ng	-0.01
86) Perylene-d12	25.09	264	561083	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	519654	138.90	ng	0.00
7) Phenol-d6	7.32	99	615122	117.14	ng	0.00
23) Nitrobenzene-d5	9.33	82	430673	103.83	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	427337	188.49	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1129895	94.37	ng	0.00
78) Terphenyl-d14	20.11	244	2237391	88.64	ng	-0.01
Target Compounds						
55) 4-Nitrophenol	15.18	139	5909	2.313	ng	Qvalue # 1

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

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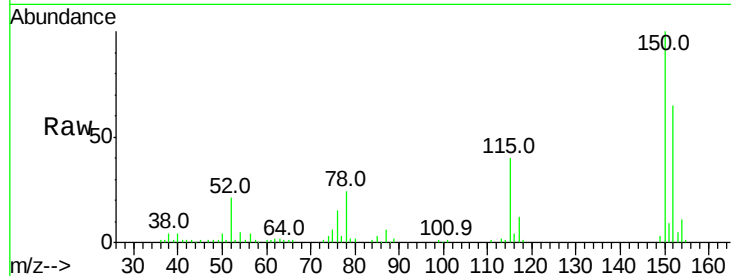


#1

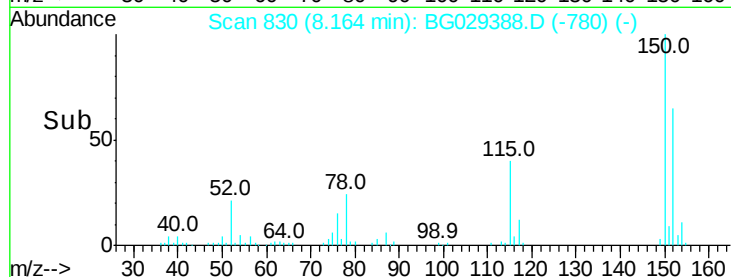
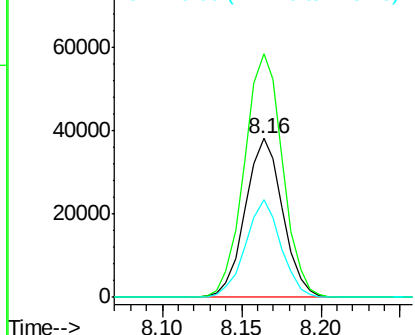
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 62497
Ion Ratio Lower Upper
152 100
150 153.4 126.6 189.8
115 61.5 53.0 79.4



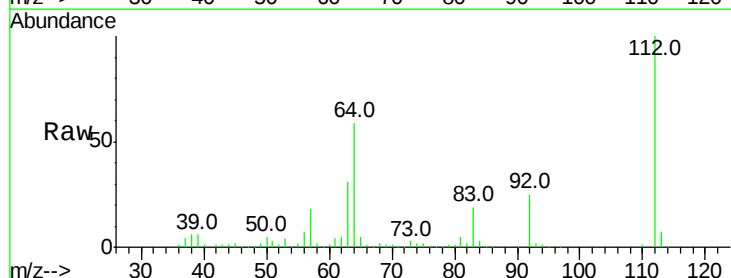
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



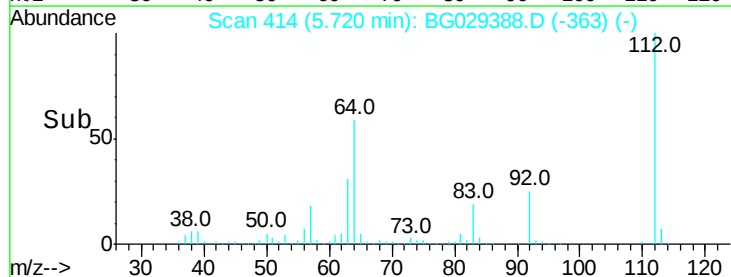
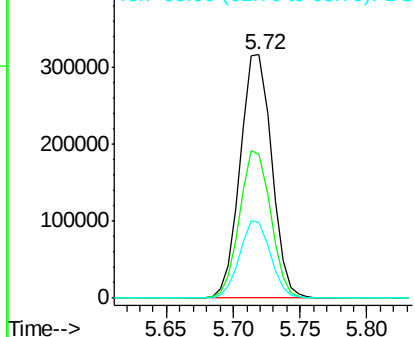
#5

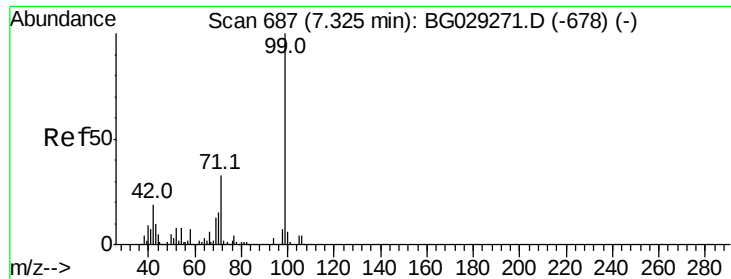
2-Fluorophenol
Concen: 138.904 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Tgt Ion:112 Resp: 519654
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 31.3 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: 117.139 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029388.D

Acq: 21 Oct 2017 12:45

Instrument :

BNA_G

ClientSampleId :

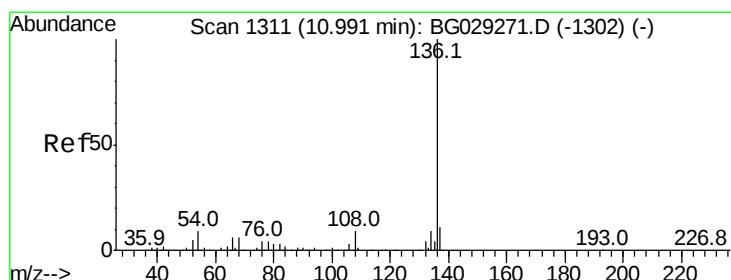
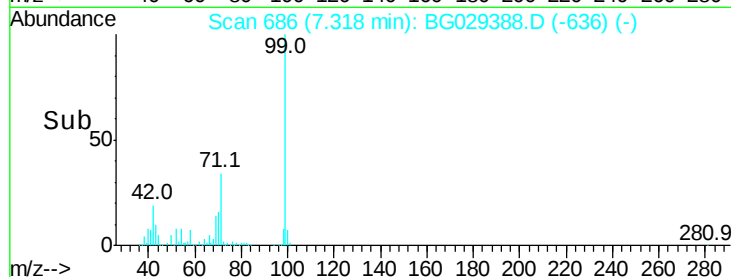
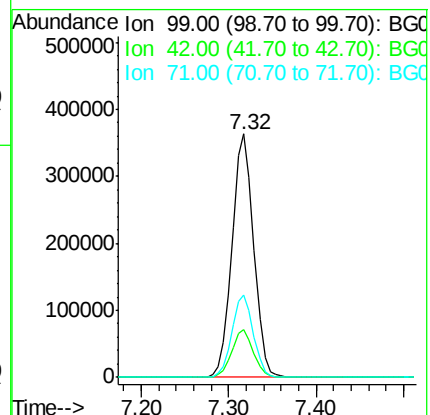
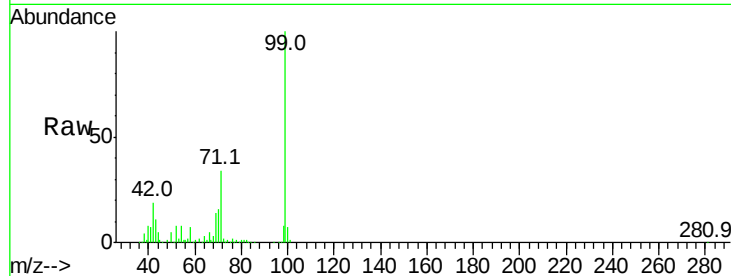
Tot Ion: 99 Resp: 615122

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

71 34.0 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029388.D

Acq: 21 Oct 2017 12:45

Tgt Ion: 136 Resp: 263581

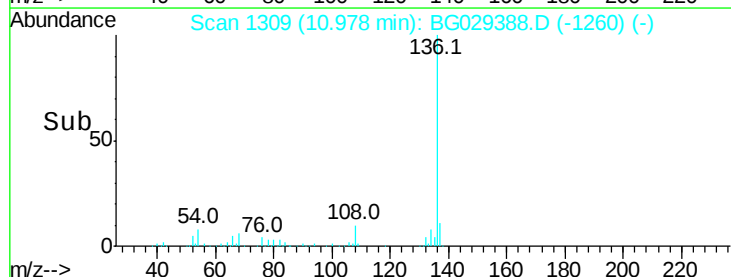
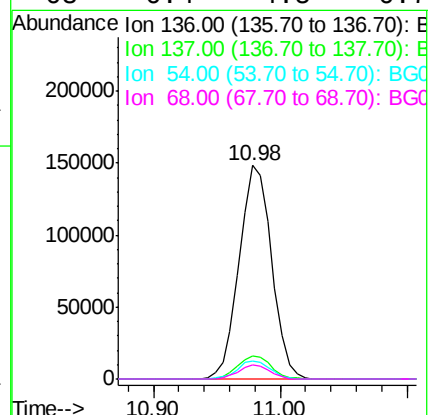
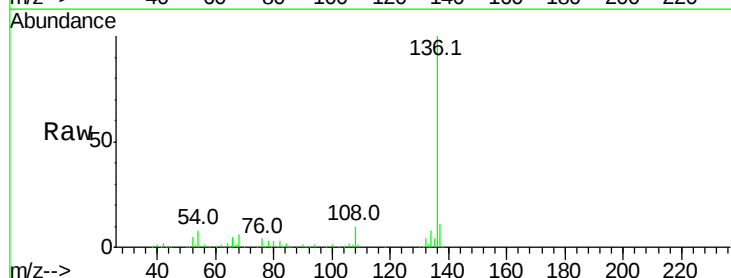
Ion Ratio Lower Upper

136 100

137 10.7 9.2 13.8

54 8.2 10.3 15.5#

68 6.4 4.5 6.7

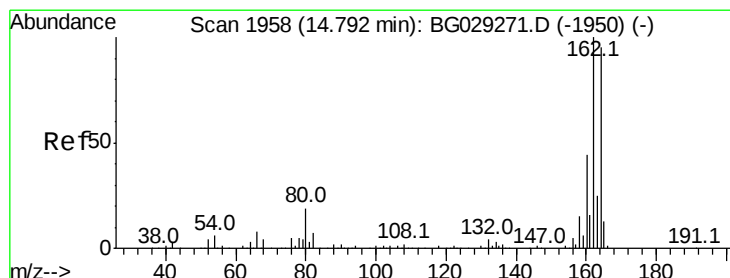
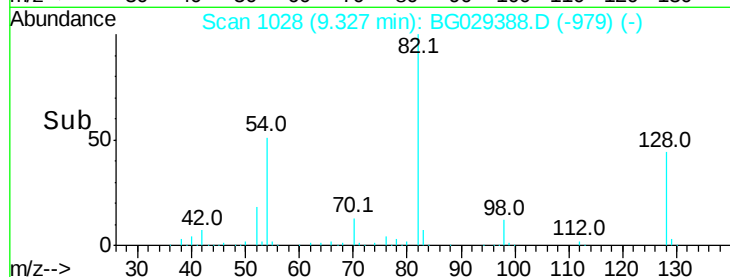
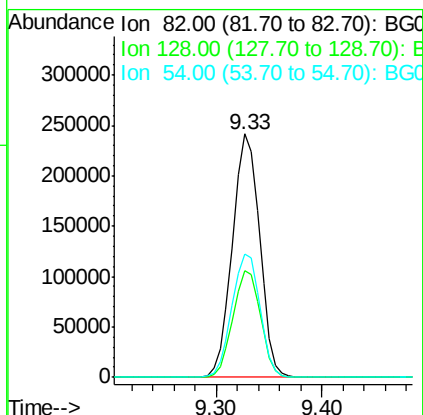
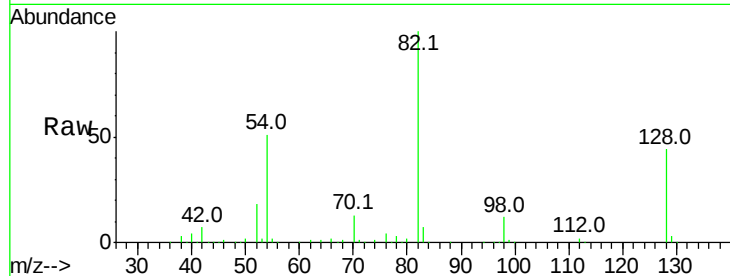




#23
Nitrobenzene-d5
Concen: 103.832 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

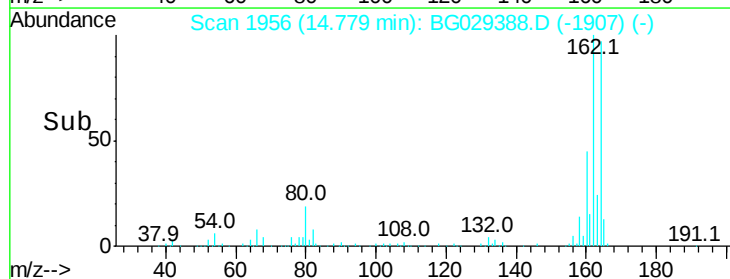
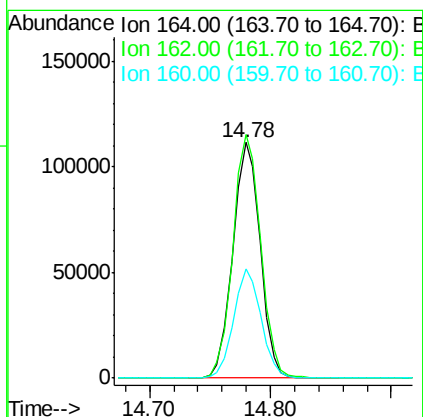
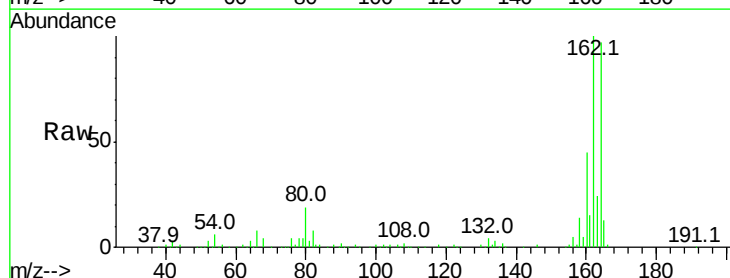
Instrument :
BNA_G
ClientSampleId :

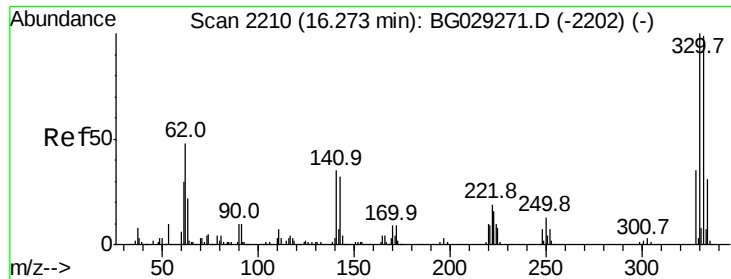
Tot Ion	82	Resp	430673
Ion	Ratio	Lower	Upper
82	100		
128	44.0	29.7	44.5
54	50.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Tgt Ion	164	Resp	175596
Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	46.1	35.4	53.0

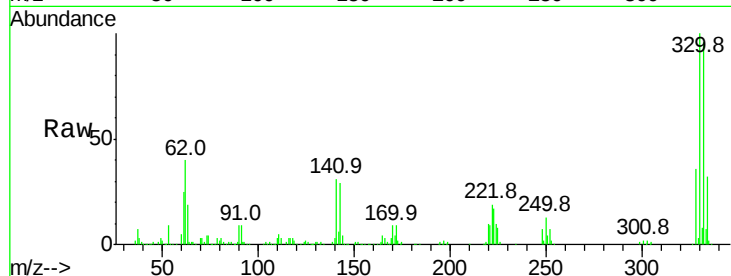




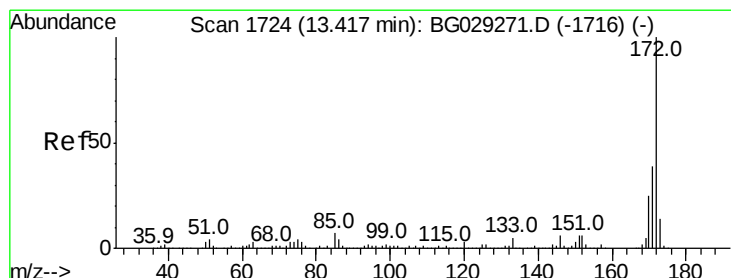
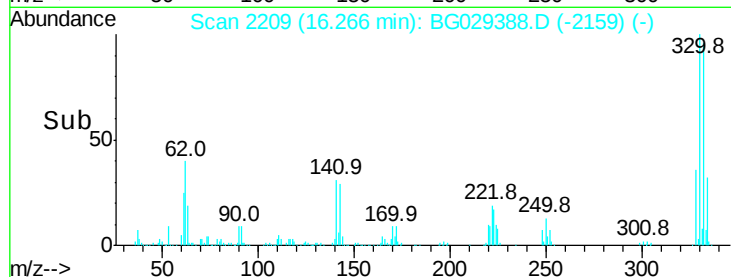
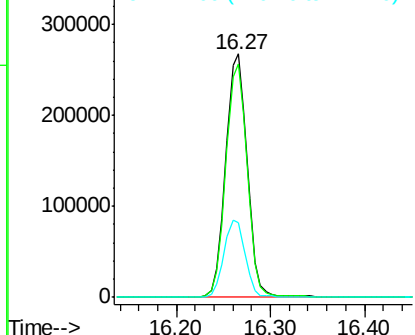
#41
 2,4,6-Tribromophenol
 Concen: 188.493 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029388.D
 Acq: 21 Oct 2017 12:45

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.8	25.2	37.8

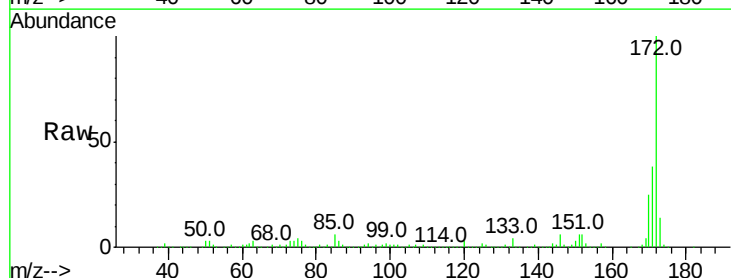


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

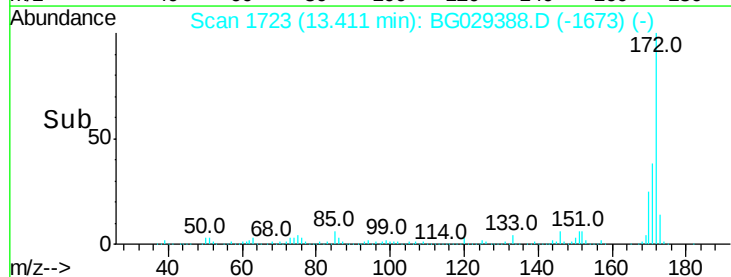
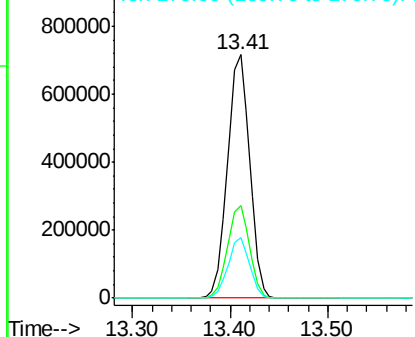


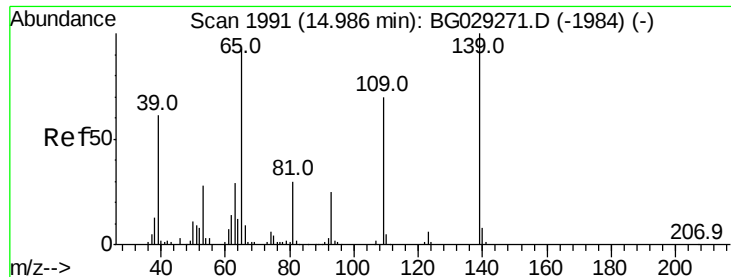
#44
 2-Fluorobiphenyl
 Concen: 94.374 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029388.D
 Acq: 21 Oct 2017 12:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	30.0	45.0
170	24.8	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

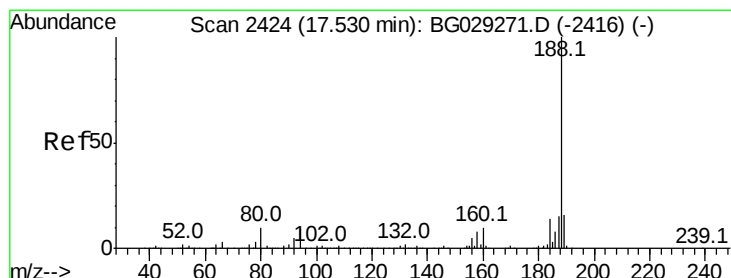
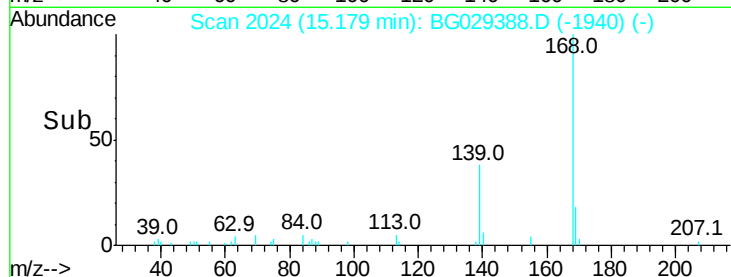
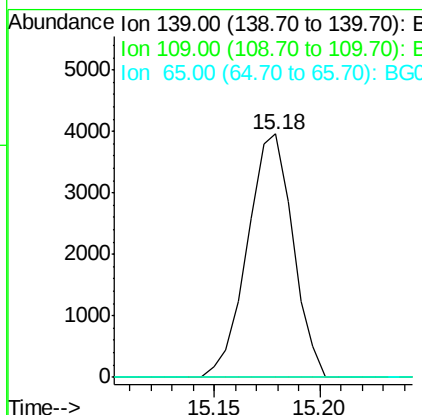
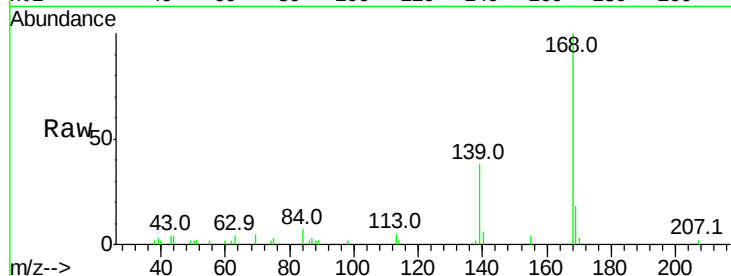




#55
4-Nitrophenol
Concen: 2.313 ng
RT: 15.18 min Scan# 2024
Delta R.T. 0.19 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

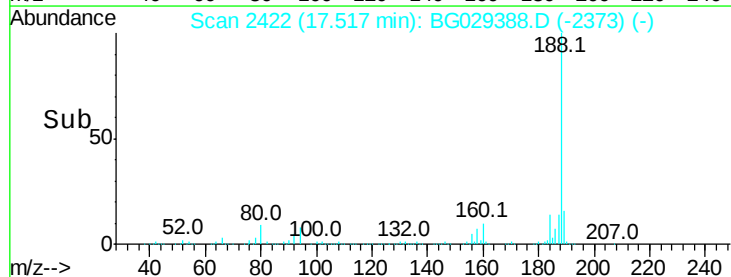
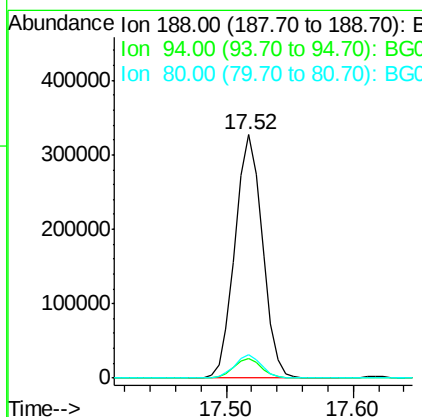
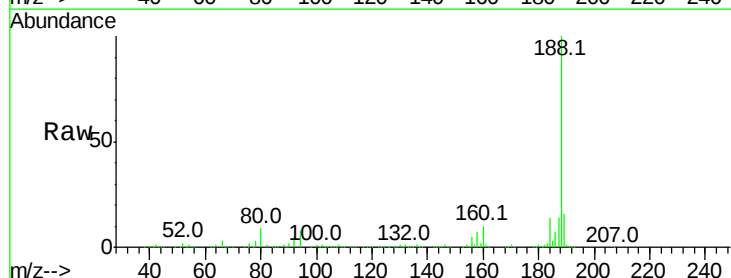
Instrument :
BNA_G
ClientSampled :

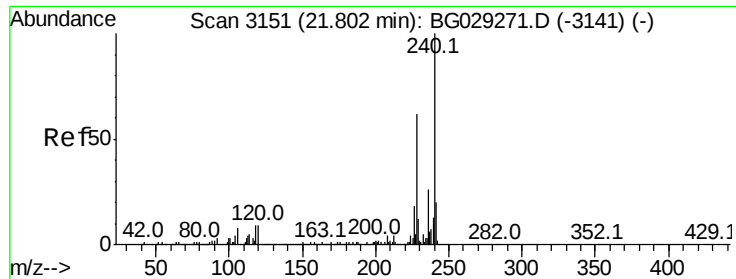
Tot Ion:139 Resp: 5909
Ion Ratio Lower Upper
139 100
109 0.0 62.2 102.2#
65 0.0 97.2 137.2#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Tgt Ion:188 Resp: 490415
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.5 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: BG029388.D

Acq: 21 Oct 2017 12:45

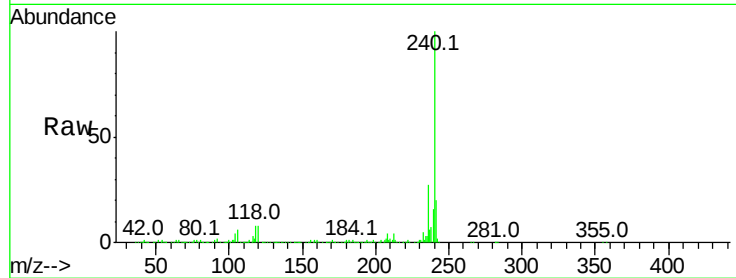
Instrument :

BNA_G

ClientSampleId :

Tot Ion:240 Resp: 574223

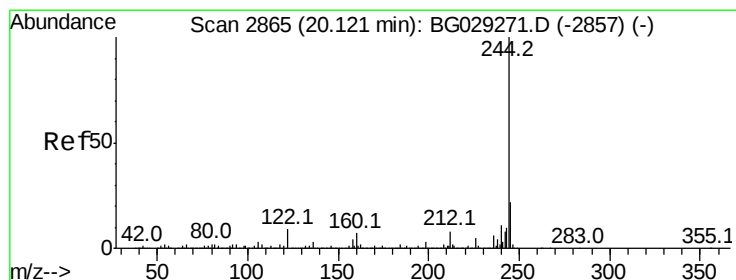
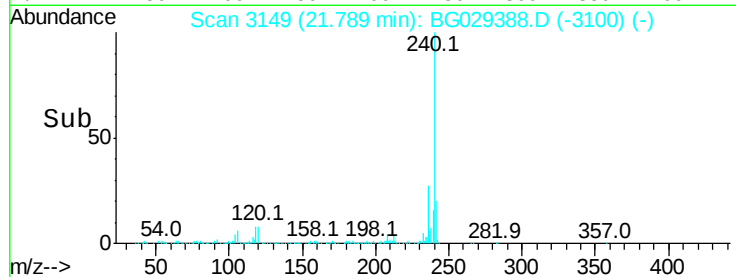
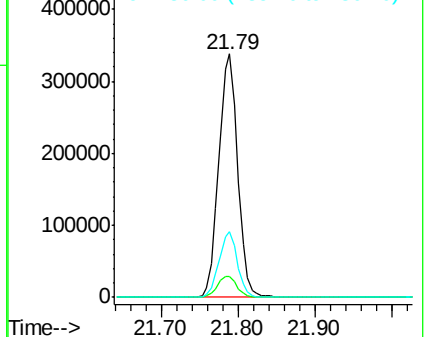
Ion	Ratio	Lower	Upper
240	100		
120	8.4	6.8	10.2
236	26.8	20.9	31.3



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: 88.640 ng

RT: 20.11 min Scan# 2863

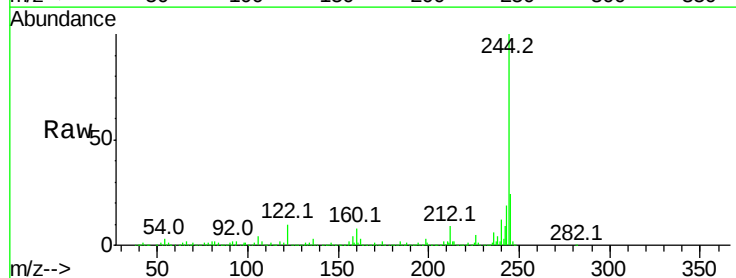
Delta R.T. -0.01 min

Lab File: BG029388.D

Acq: 21 Oct 2017 12:45

Tgt Ion:244 Resp: 2237391

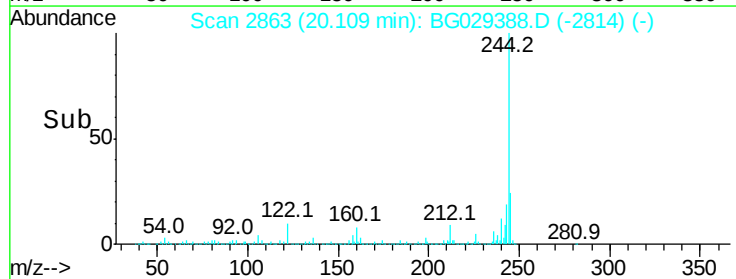
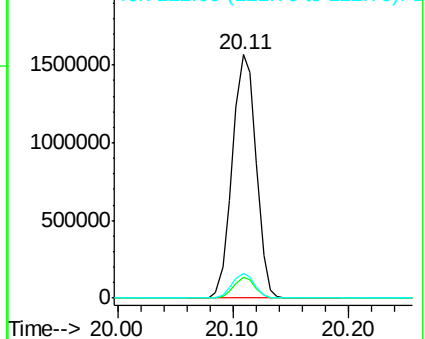
Ion	Ratio	Lower	Upper
244	100		
212	8.6	5.8	8.8
122	10.2	7.0	10.4

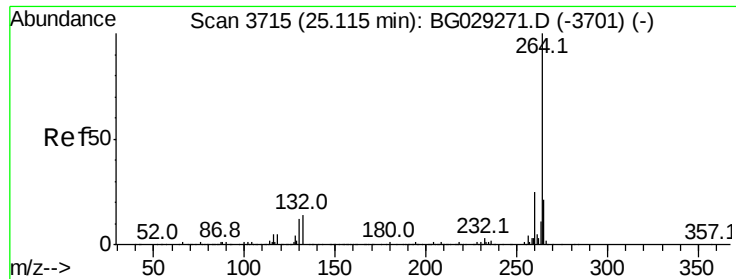


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.09 min Scan# 3711
Delta R.T. -0.02 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	17.4	26.0
265	21.8	17.7	26.5

