

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 :
 RT3867-RT5158-COMP-2

Quant Time: Oct 21 23:04:06 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

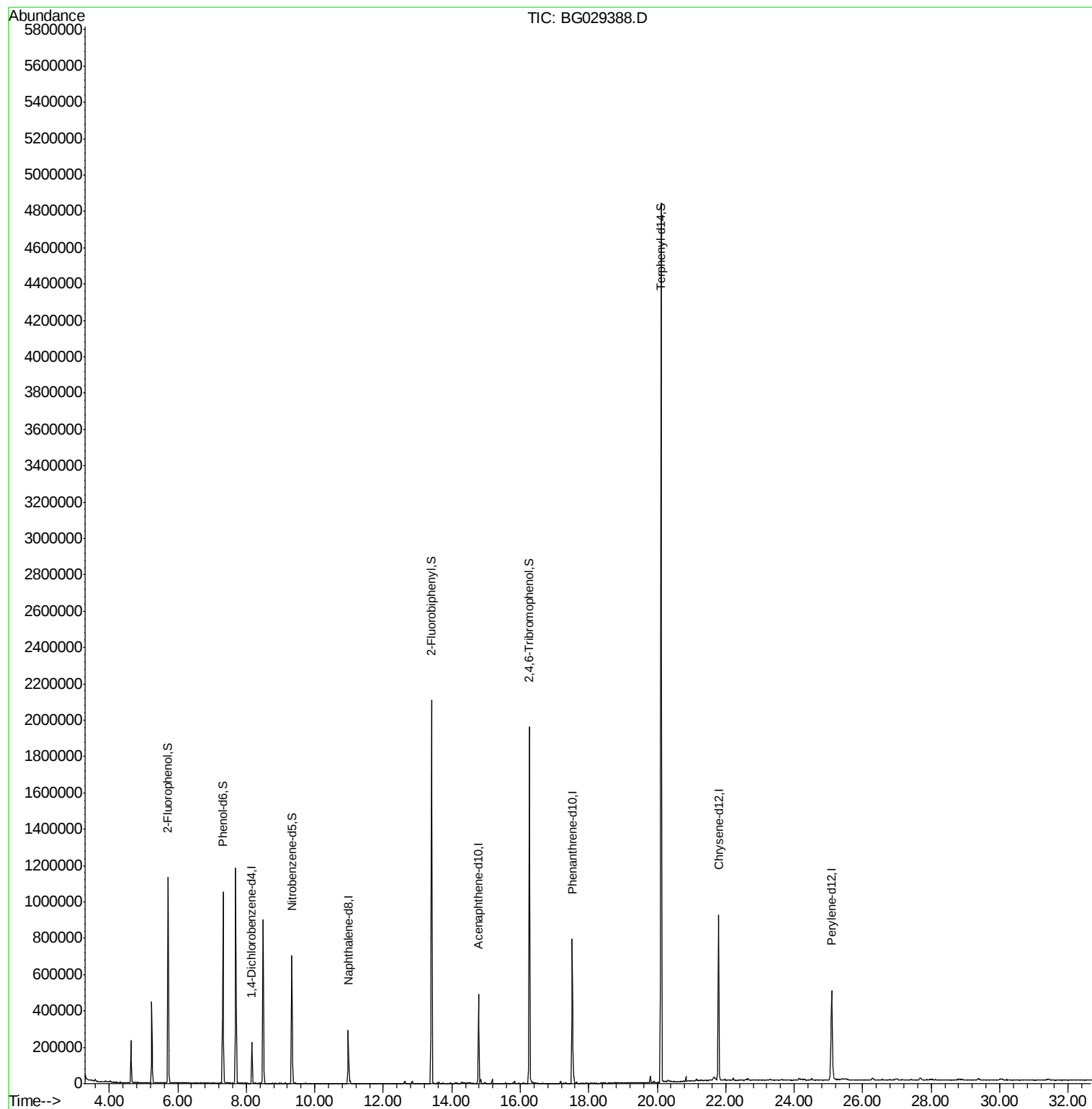
Target Compounds Qvalue

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

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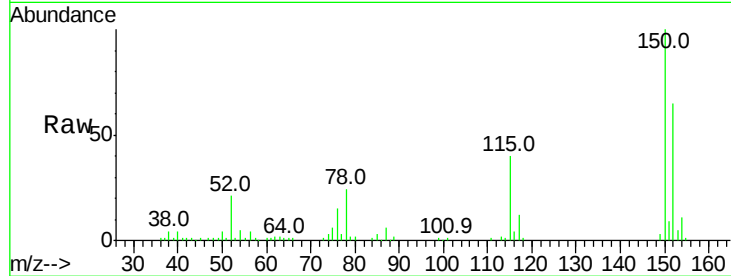


#1

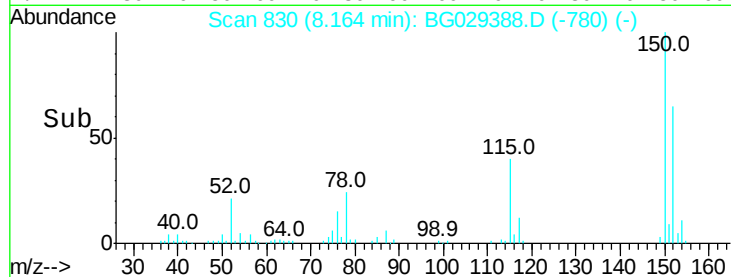
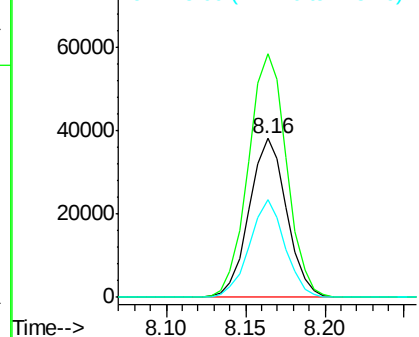
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Instrument :
BNA_G
ClientSampleId :
RT3867-RT5158-COMP-2

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



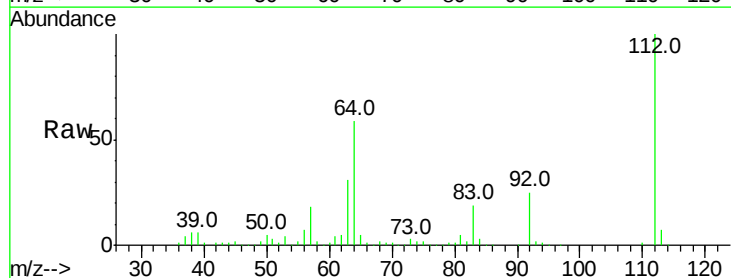
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



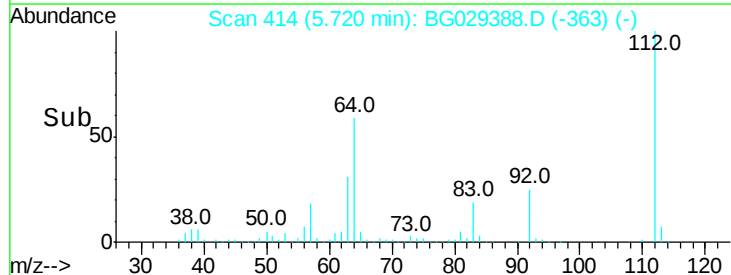
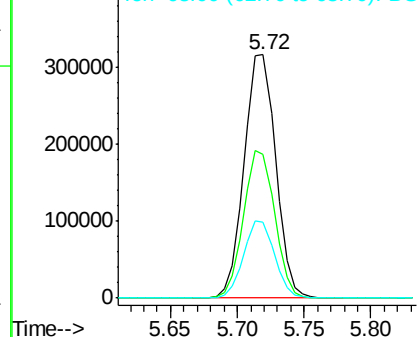
#5

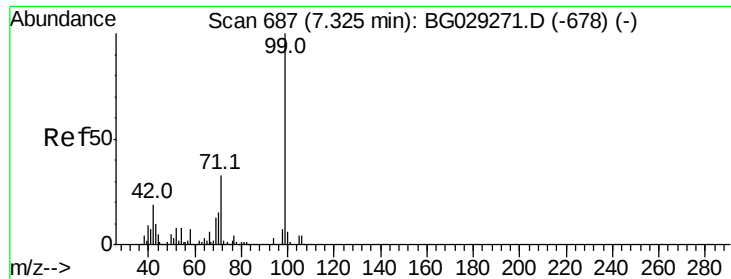
2-Fluorophenol
Concen: 138.904 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

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 :

RT3867-RT5158-COMP-2

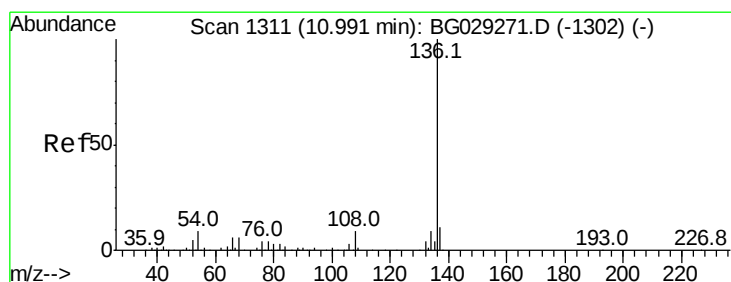
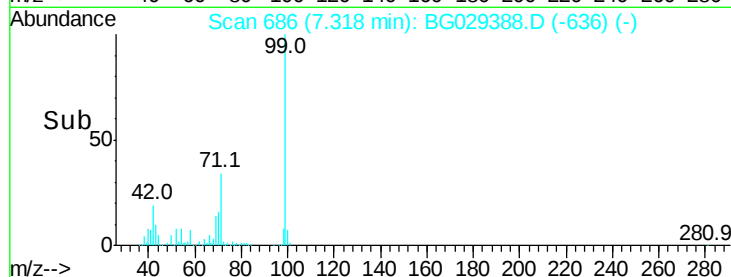
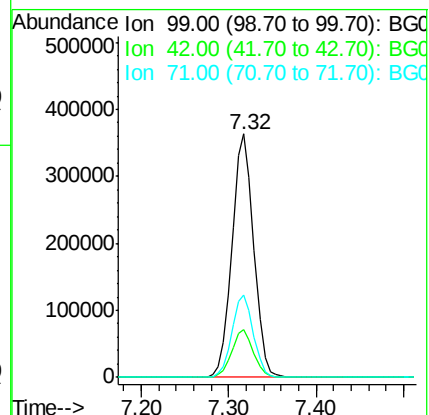
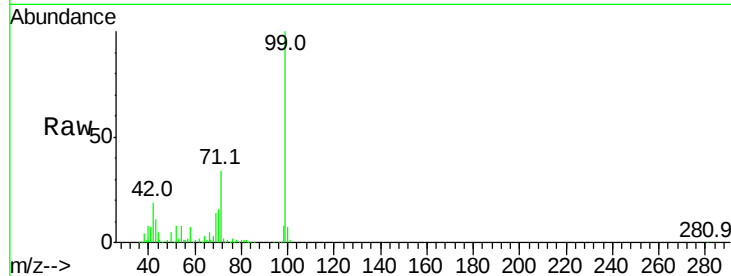
Tot Ion: 99 Resp: 615122

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

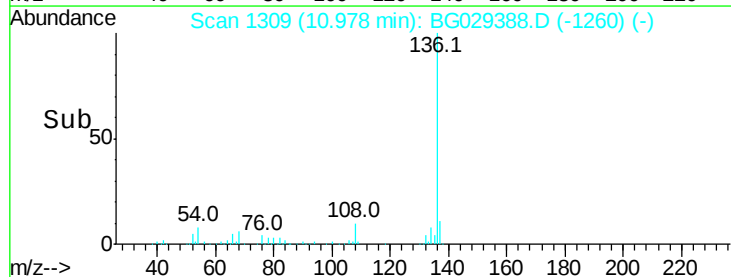
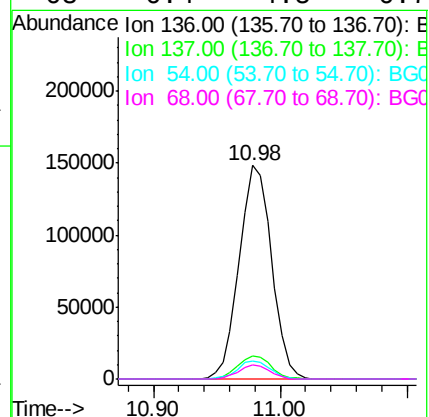
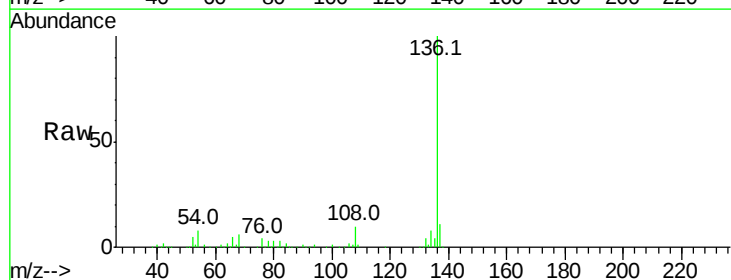
Ion Ratio Lower Upper

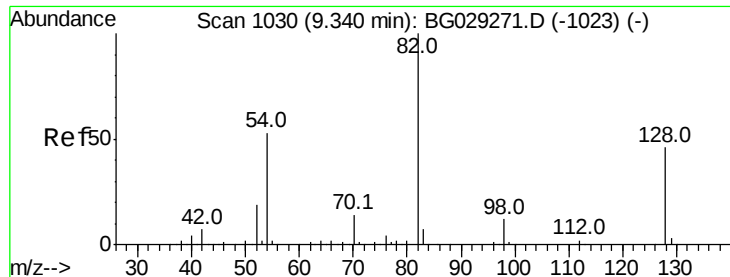
136 100

137 10.7 9.2 13.8

54 8.2 10.3 15.5#

68 6.4 4.5 6.7

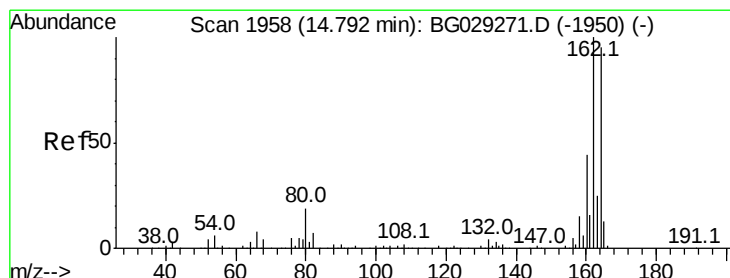
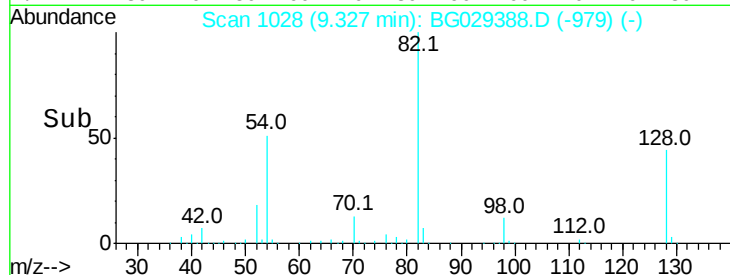
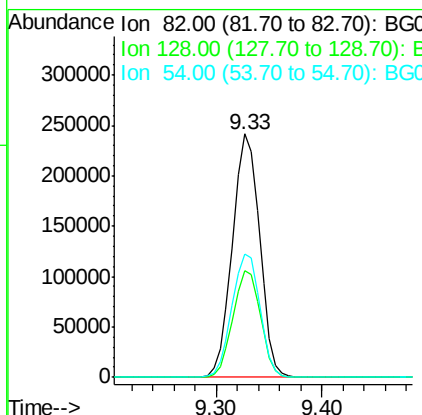
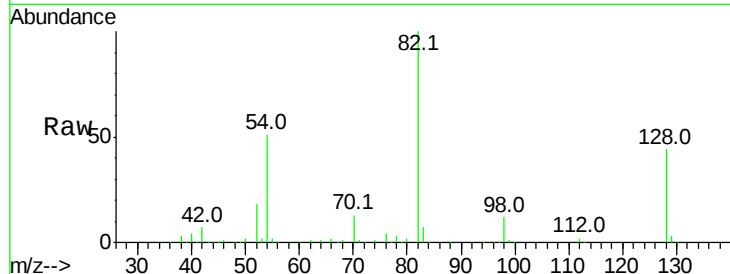




#23
 Nitrobenzene-d5
 Concen: 103.832 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029388.D
 Acq: 21 Oct 2017 12:45

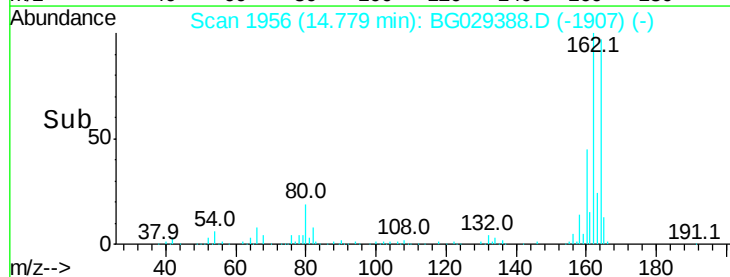
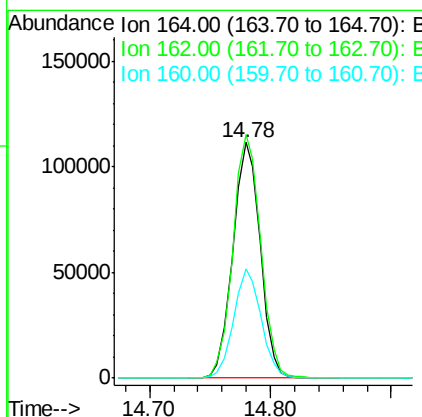
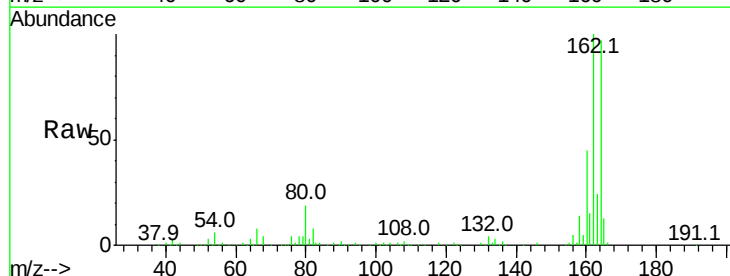
Instrument :
 BNA_G
 ClientSampleId :
 RT3867-RT5158-COMP-2

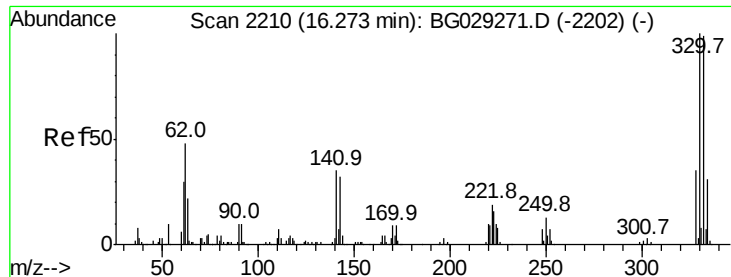
Tot Ion: 82 Resp: 430673
 Ion Ratio Lower Upper
 82 100
 128 44.0 29.7 44.5
 54 50.7 43.1 64.7



#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 :

RT3867-RT5158-COMP-2

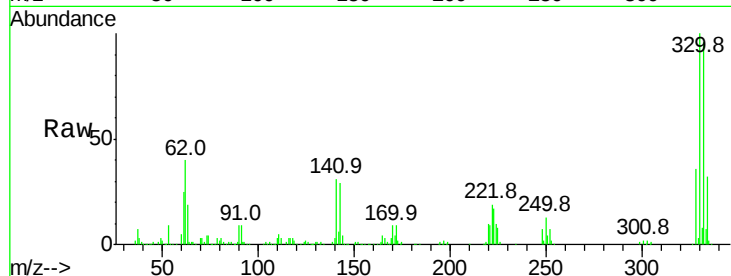
Tot Ion:330 Resp: 427337

Ion Ratio Lower Upper

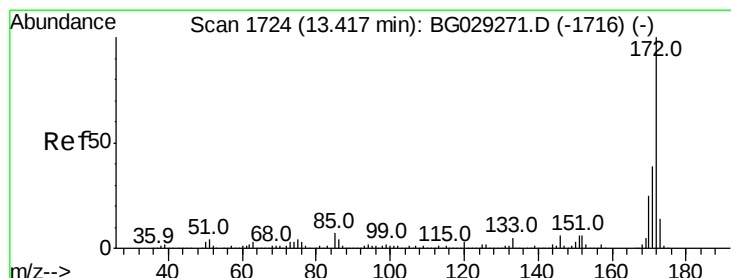
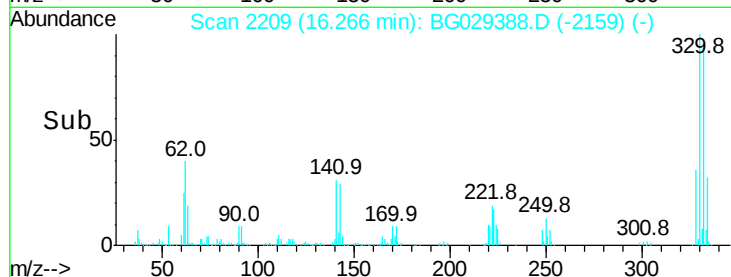
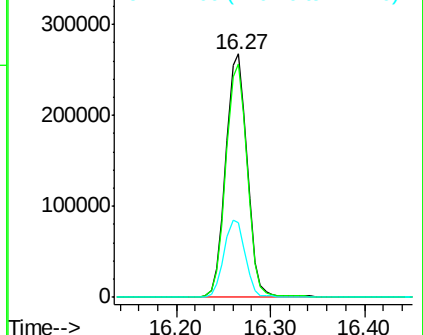
330 100

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

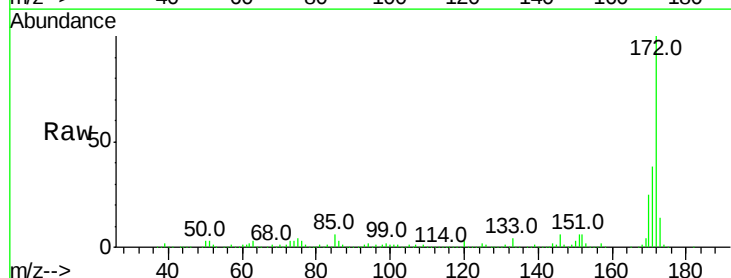
Tgt Ion:172 Resp: 1129895

Ion Ratio Lower Upper

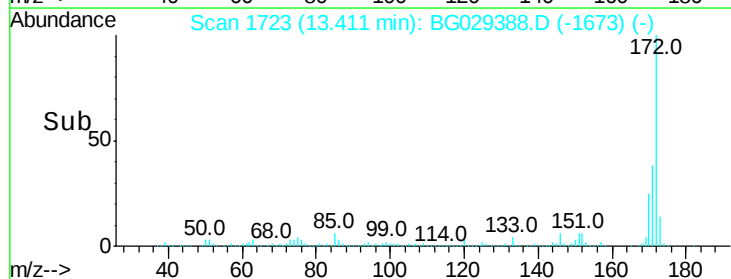
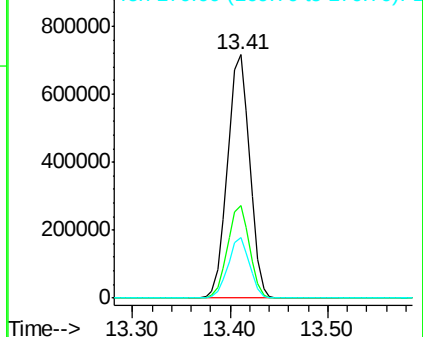
172 100

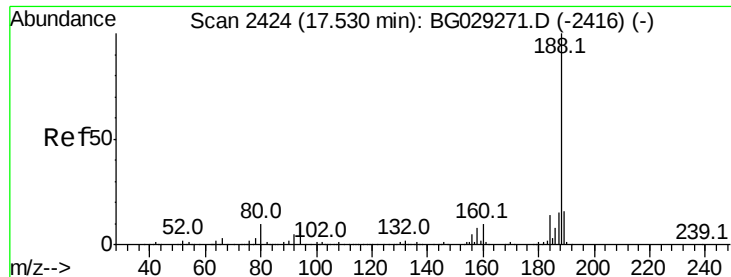
171 37.9 30.0 45.0

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

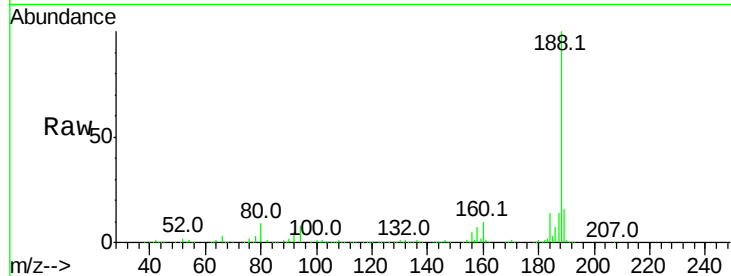




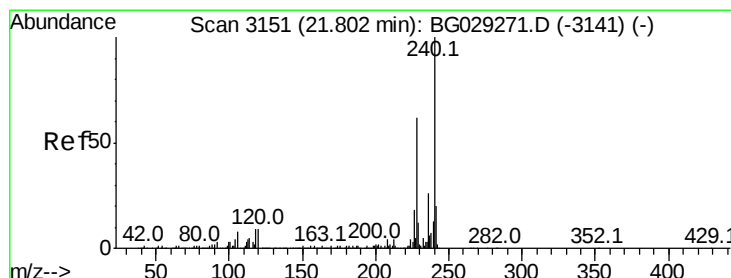
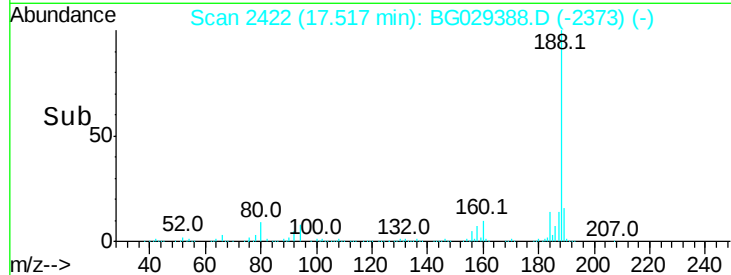
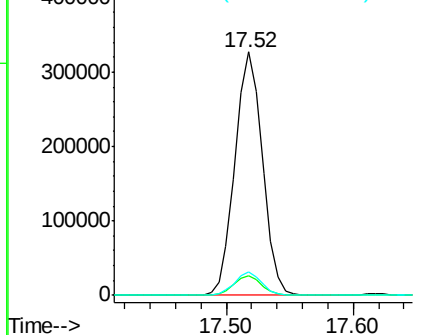
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Instrument :
BNA_G
ClientSampleId :
RT3867-RT5158-COMP-2

Tot Ion:188 Resp: 490415
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.5 7.7 11.5

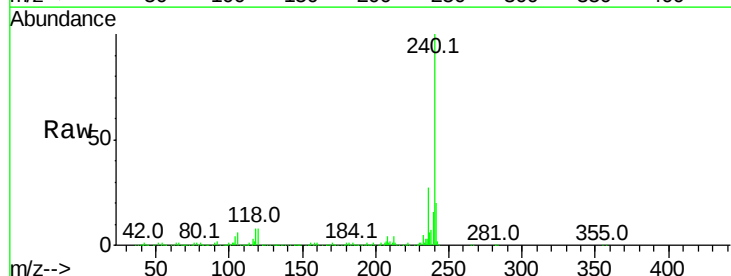


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

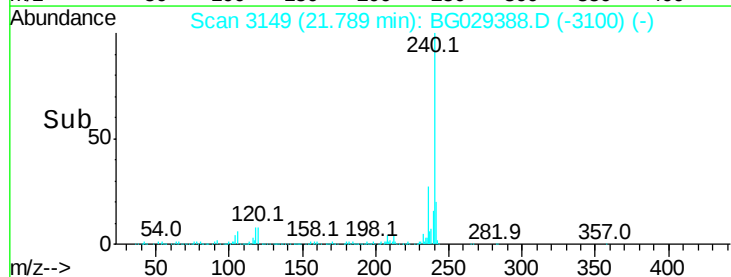
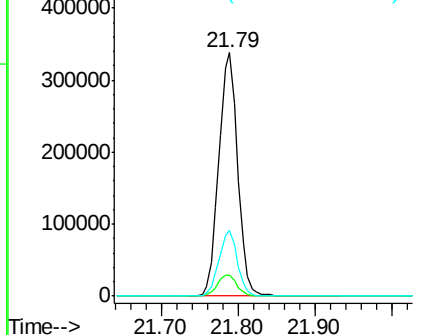


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029388.D
Acq: 21 Oct 2017 12:45

Tgt 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

Instrument :

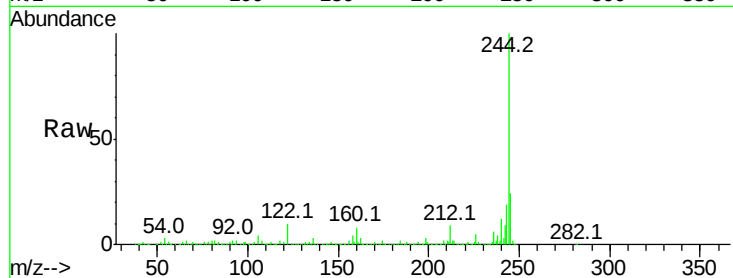
BNA_G

ClientSampleId :

RT3867-RT5158-COMP-2

Tot Ion:244 Resp: 2237391

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

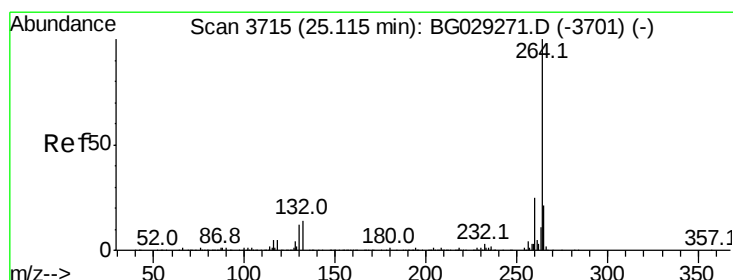
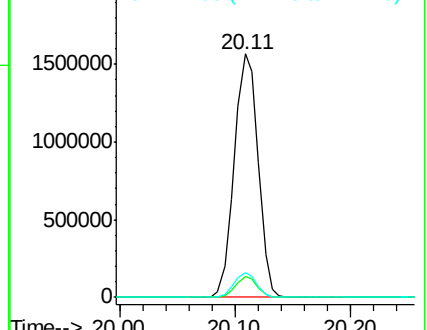
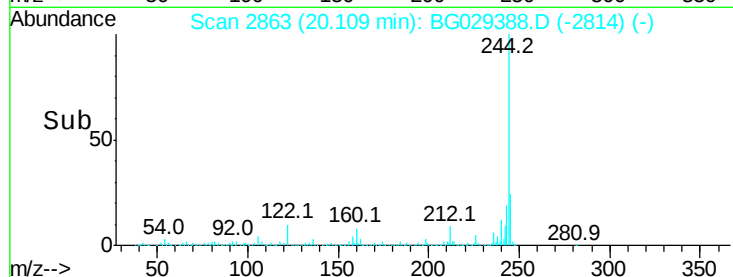


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

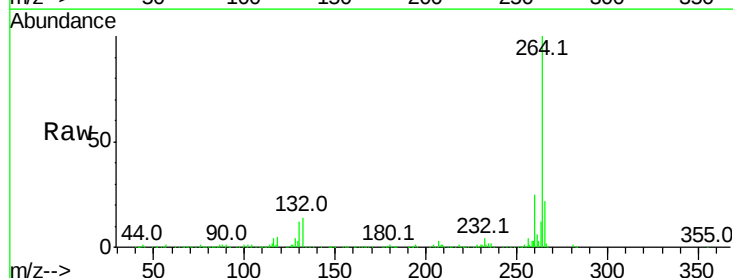
Delta R.T. -0.02 min

Lab File: BG029388.D

Acq: 21 Oct 2017 12:45

Tgt Ion:264 Resp: 561083

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

