

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
 Data File : BG029361.D
 Acq On : 19 Oct 2017 11:04
 Operator : SJ/JU
 Sample : PB103396TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 19 16:37:46 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	53763	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	233966	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	156401	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	429890	20.00	ng	0.00
75) Chrysene-d12	21.79	240	501166	20.00	ng	0.00
86) Perylene-d12	25.09	264	511603	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	350788	109.00	ng	0.00
7) Phenol-d6	7.32	99	455946	100.93	ng	0.00
23) Nitrobenzene-d5	9.33	82	254310	69.07	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	248269	122.95	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	726098	68.09	ng	0.00
78) Terphenyl-d14	20.11	244	1421235	64.51	ng	0.00

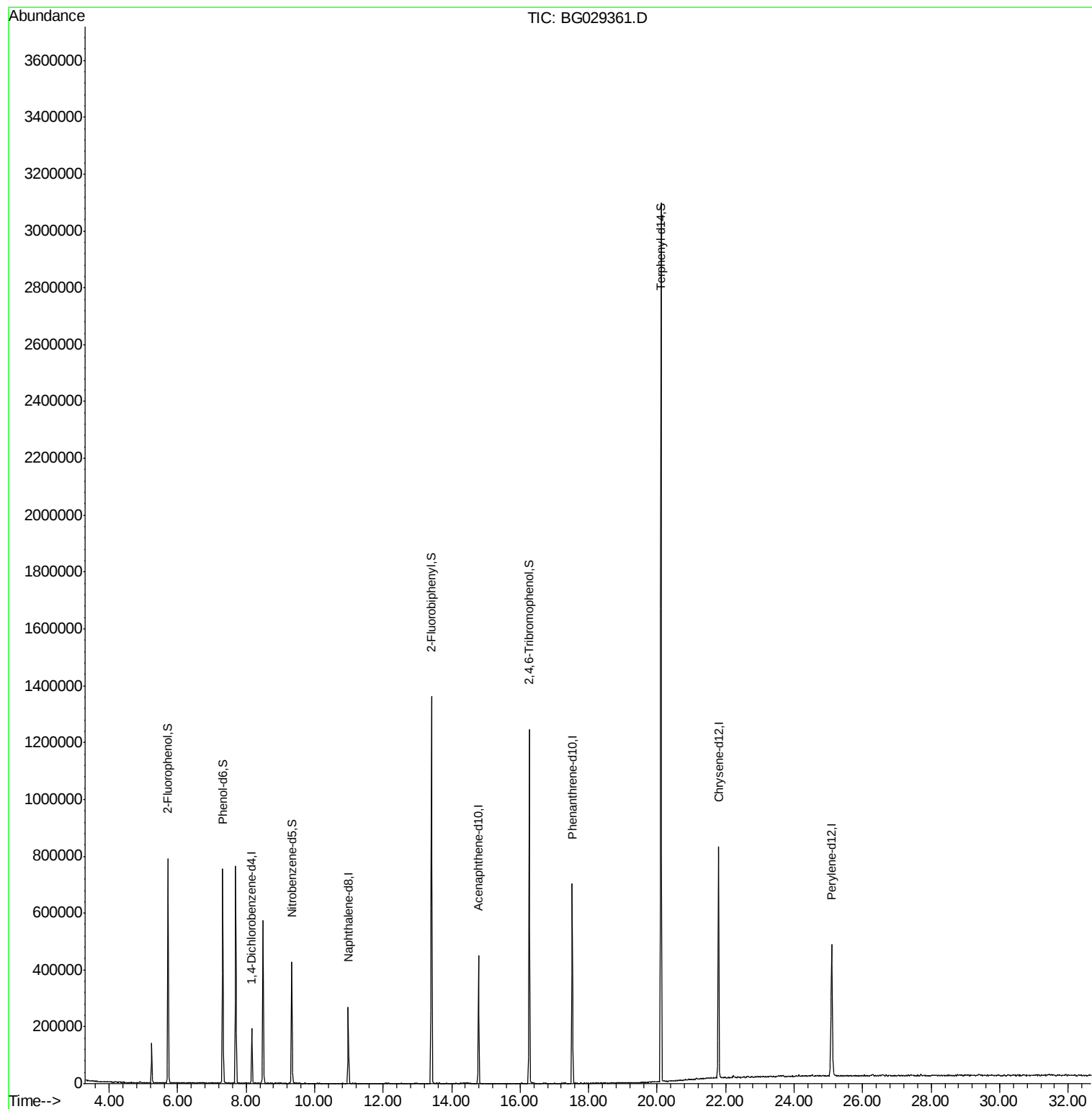
Target Compounds Qvalue

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

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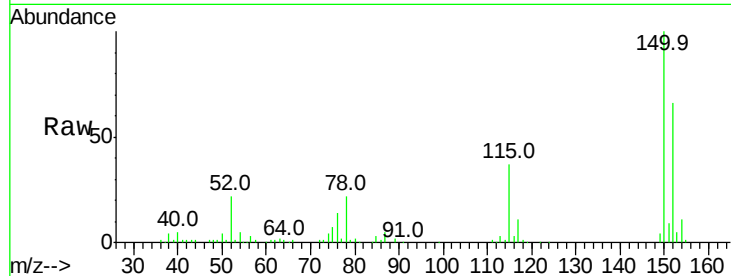


#1

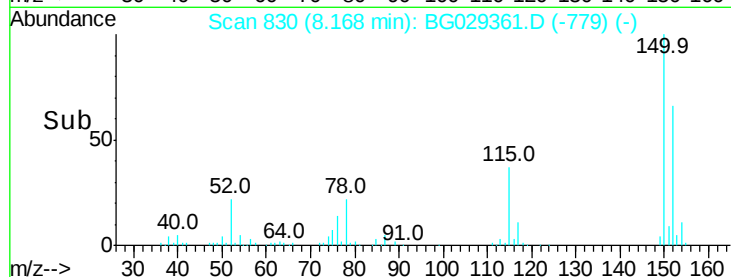
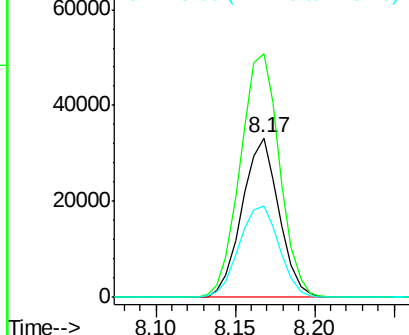
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53763
Ion Ratio Lower Upper
152 100
150 152.5 126.6 189.8
115 57.0 53.0 79.4



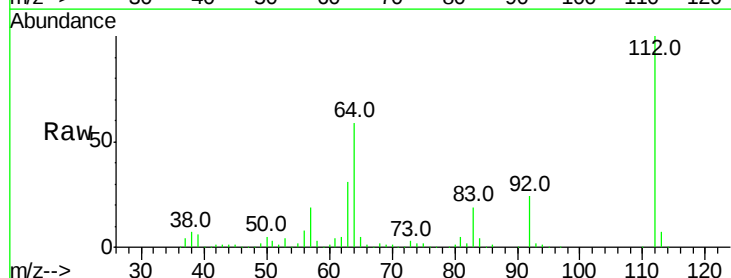
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



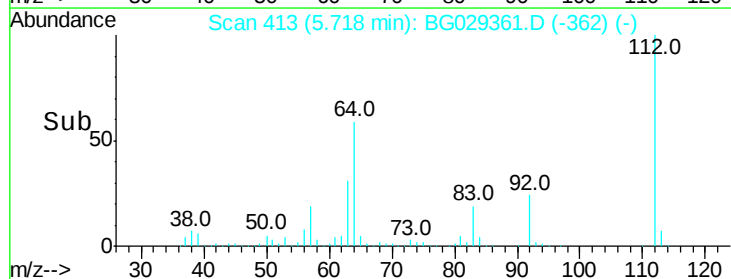
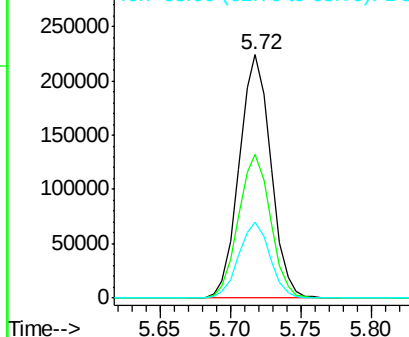
#5

2-Fluorophenol
Concen: 108.999 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029361.D
Acq: 19 Oct 2017 11:04

Tgt Ion:112 Resp: 350788
Ion Ratio Lower Upper
112 100
64 59.3 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 100.932 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029361.D

Acq: 19 Oct 2017 11:04

Instrument :

BNA_G

ClientSampleId :

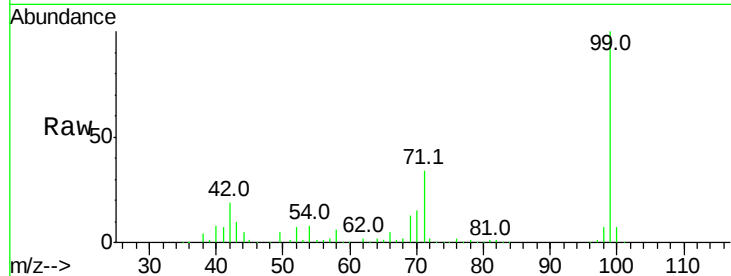
Tot Ion: 99 Resp: 455946

Ion Ratio Lower Upper

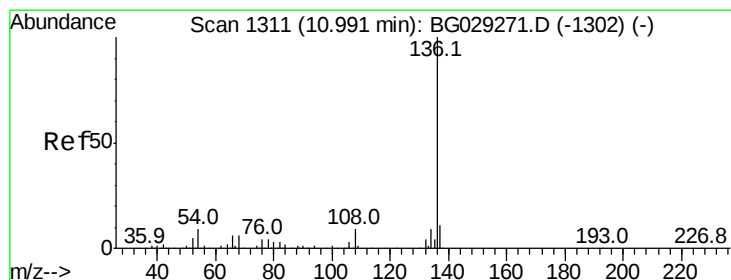
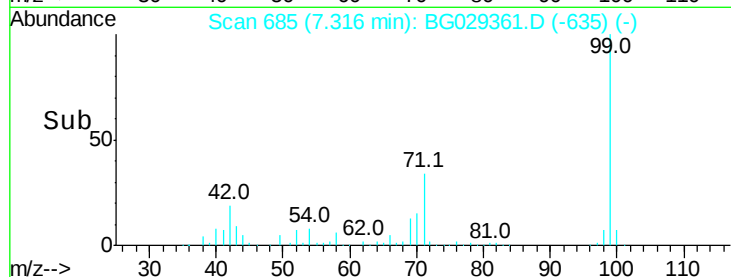
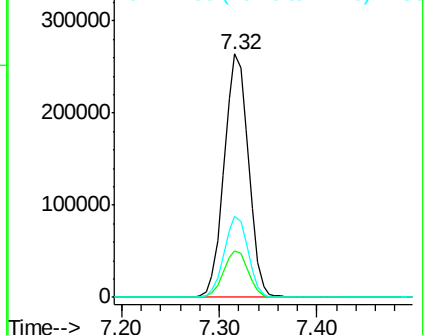
99 100

42 19.1 14.1 21.1

71 33.5 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029361.D

Acq: 19 Oct 2017 11:04

Tgt Ion: 136 Resp: 233966

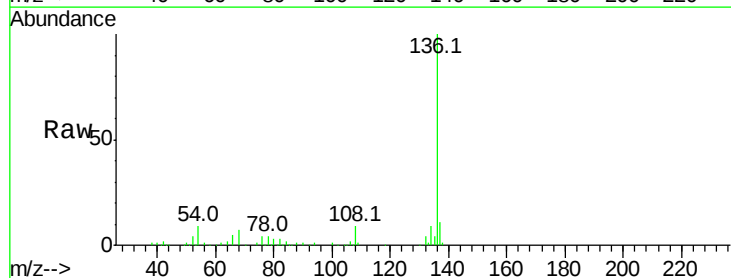
Ion Ratio Lower Upper

136 100

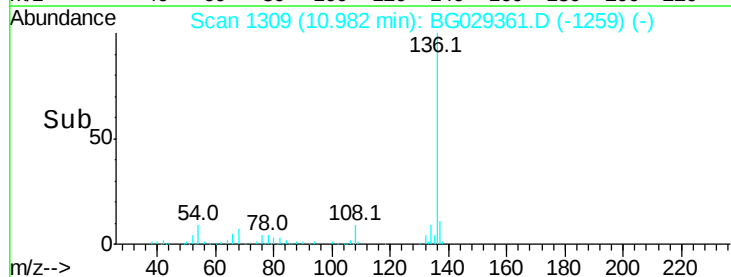
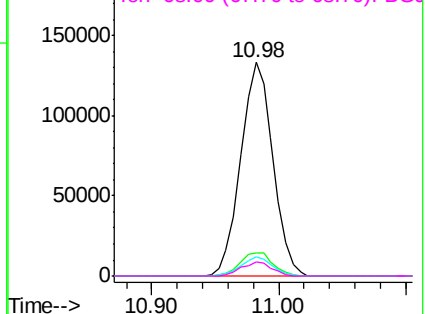
137 10.9 9.2 13.8

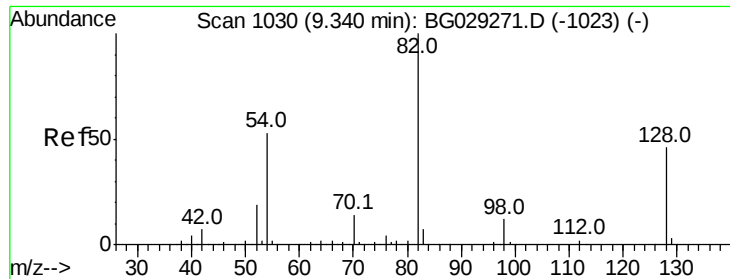
54 8.8 10.3 15.5#

68 6.6 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

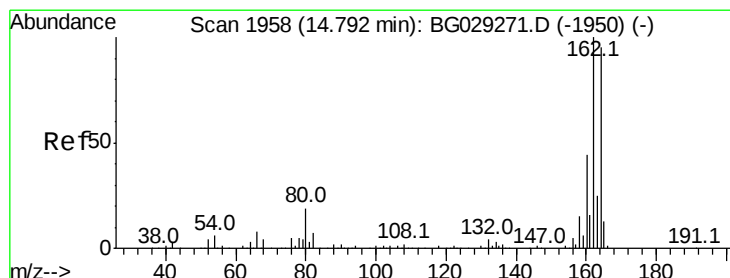
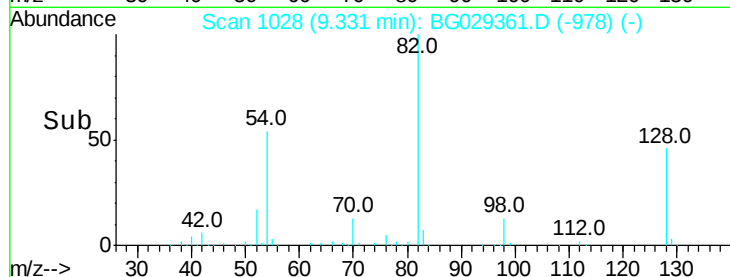
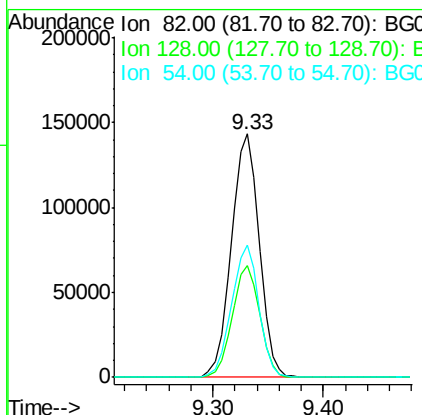
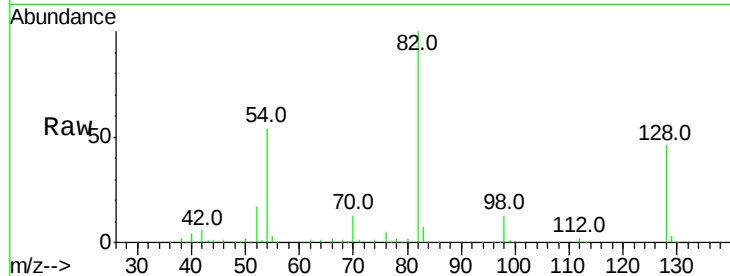




#23
 Nitrobenzene-d5
 Concen: 69.073 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

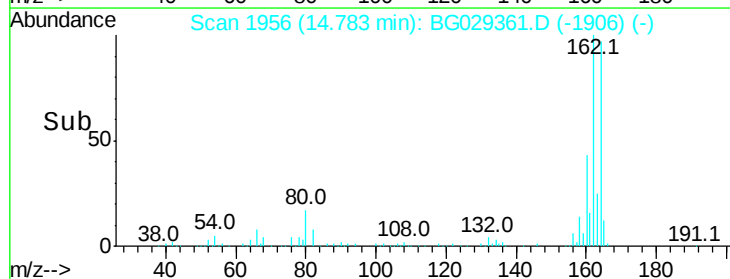
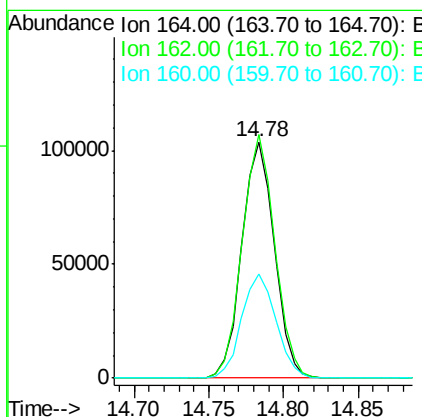
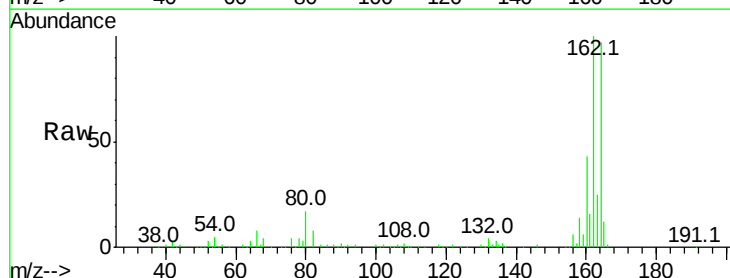
Instrument :
 BNA_G
 ClientSampled :

Tot Ion: 82 Resp: 254310
 Ion Ratio Lower Upper
 82 100
 128 45.7 29.7 44.5#
 54 54.1 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: BG029361.D
 Acq: 19 Oct 2017 11:04

Tgt Ion:164 Resp: 156401
 Ion Ratio Lower Upper
 164 100
 162 103.1 78.8 118.2
 160 44.3 35.4 53.0

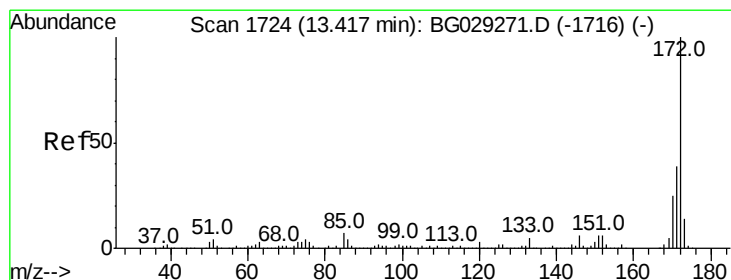
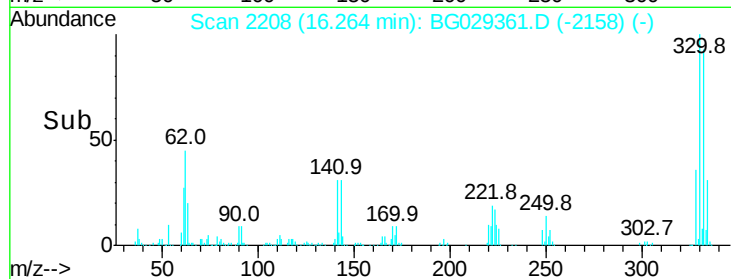
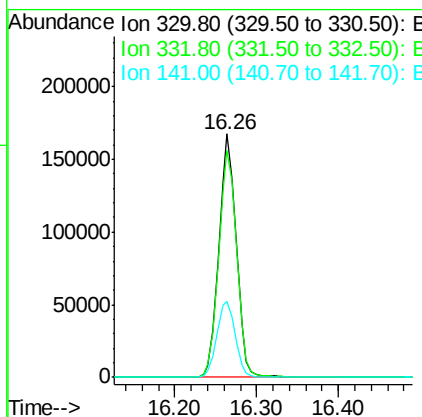
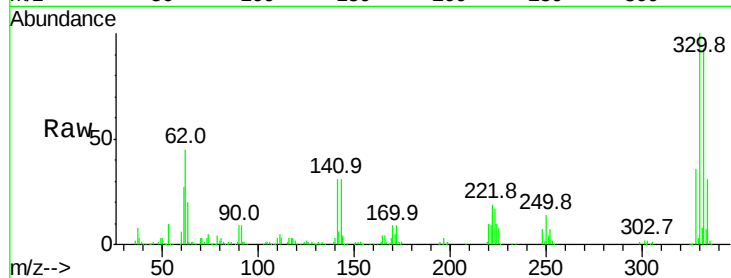




#41
 2,4,6-Tribromophenol
 Concen: 122.948 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

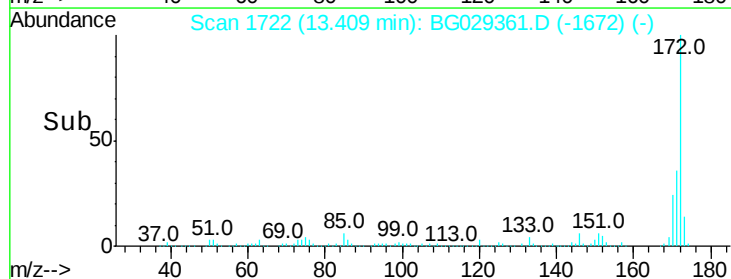
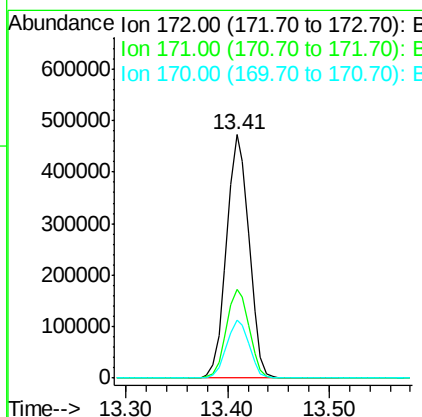
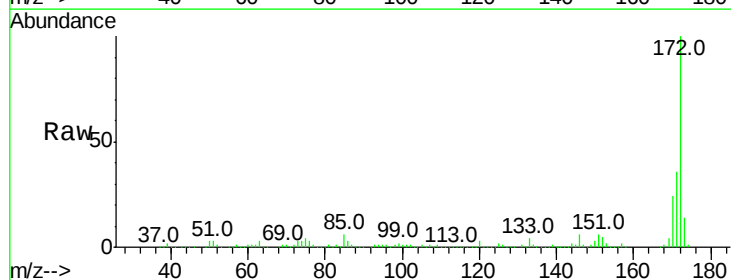
Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 248269
 Ion Ratio Lower Upper
 330 100
 332 96.2 77.0 115.6
 141 33.0 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 68.090 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

Tgt Ion:172 Resp: 726098
 Ion Ratio Lower Upper
 172 100
 171 36.3 30.0 45.0
 170 23.8 19.5 29.3

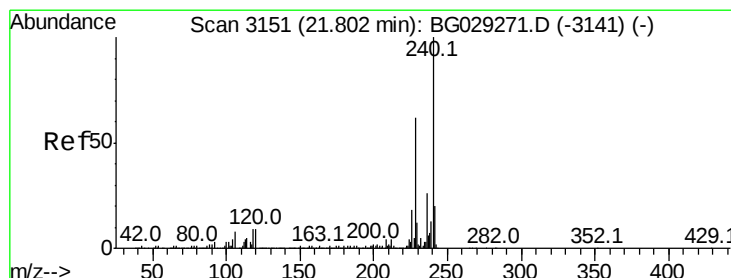
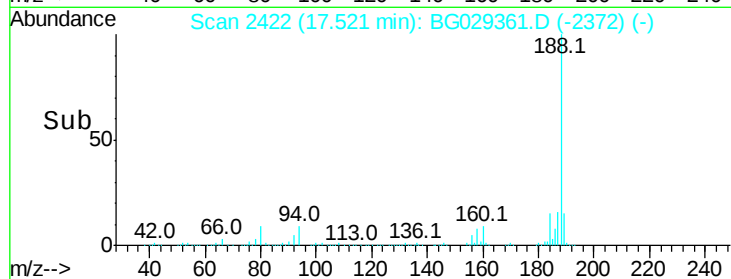
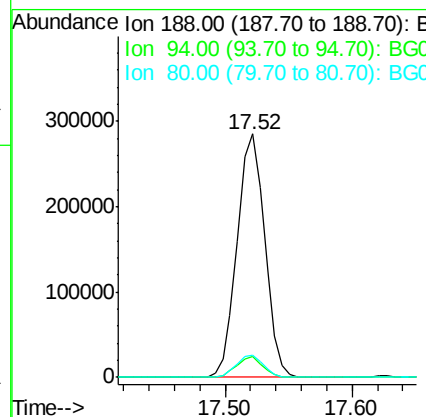
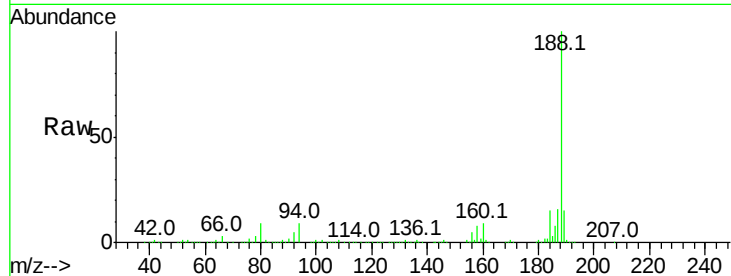




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

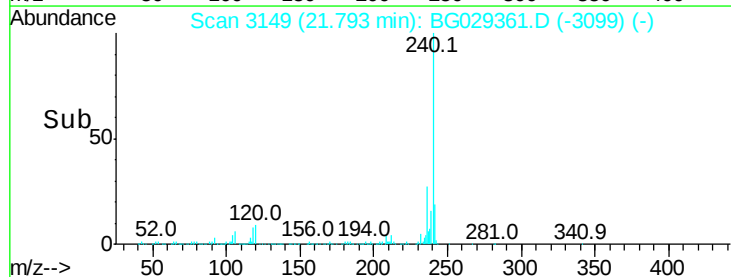
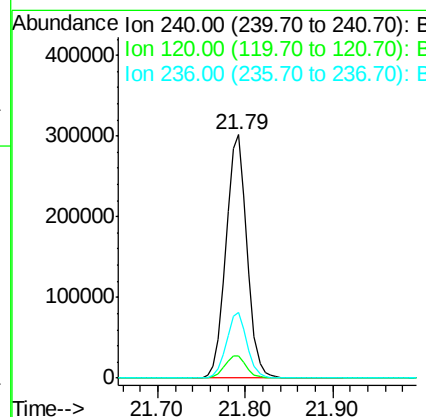
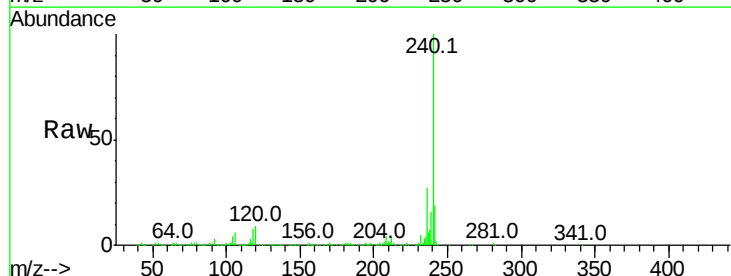
Instrument :
 BNA_G
 ClientSampleId :

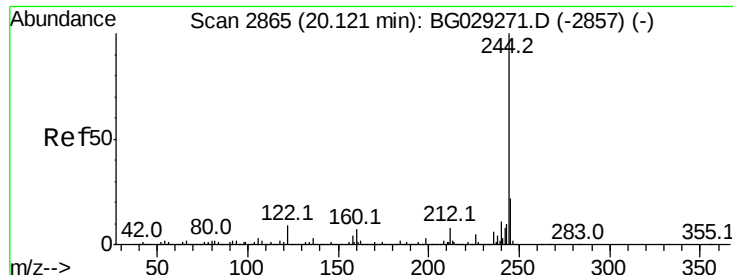
Tot Ion:188 Resp: 429890
 Ion Ratio Lower Upper
 188 100
 94 8.8 6.9 10.3
 80 9.3 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.79 min Scan# 3149
 Delta R.T. -0.01 min
 Lab File: BG029361.D
 Acq: 19 Oct 2017 11:04

Tgt Ion:240 Resp: 501166
 Ion Ratio Lower Upper
 240 100
 120 9.2 6.8 10.2
 236 26.9 20.9 31.3





#78

Terphenyl-d14

Concen: 64.514 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029361.D

Acq: 19 Oct 2017 11:04

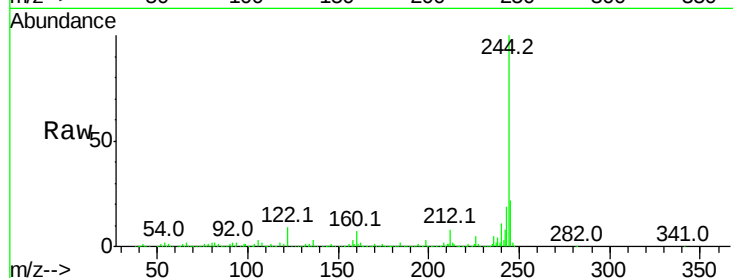
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1421235

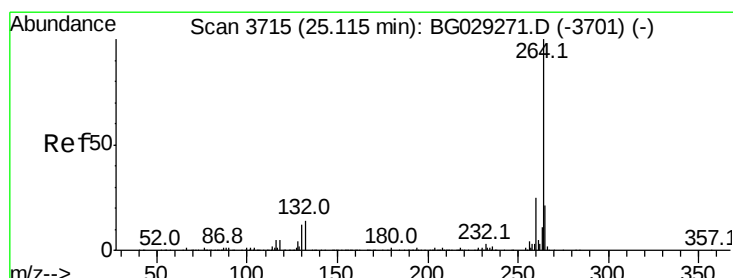
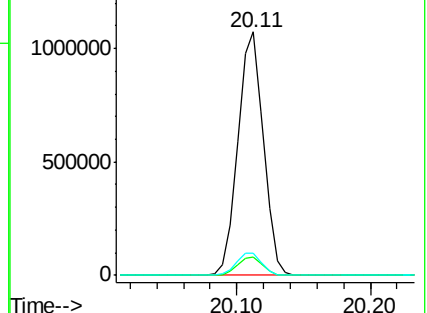
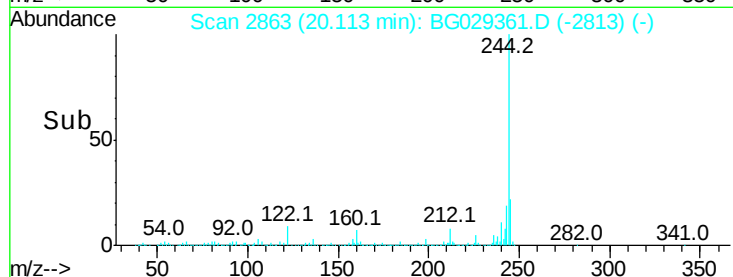
Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	8.9	7.0	10.4



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

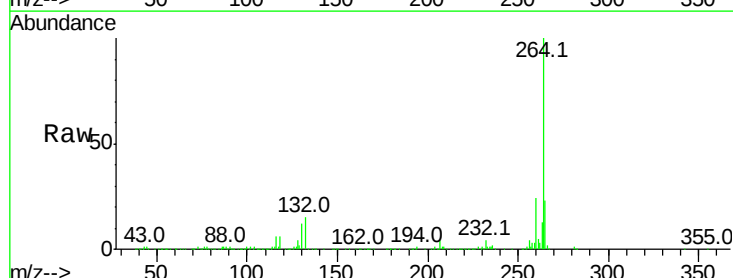
Delta R.T. -0.02 min

Lab File: BG029361.D

Acq: 19 Oct 2017 11:04

Tgt Ion:264 Resp: 511603

Ion	Ratio	Lower	Upper
264	100		
260	24.4	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

