

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029328.D
 Acq On : 18 Oct 2017 11:12
 Operator : SJ/JU
 Sample : I5870-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101017-TIDO-E-U-M

Quant Time: Oct 18 15:50:57 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	79470	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	383712	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	254890	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	585805	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	622427	20.00	ng	-0.01
86) Perylene-d12	25.10	264	628484	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	248890	52.32	ng	0.00
7) Phenol-d6	7.32	99	246548	36.92	ng	0.00
23) Nitrobenzene-d5	9.34	82	587465	97.29	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	282132	85.73	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1572236	90.47	ng	0.00
78) Terphenyl-d14	20.12	244	2433045	88.93	ng	0.00

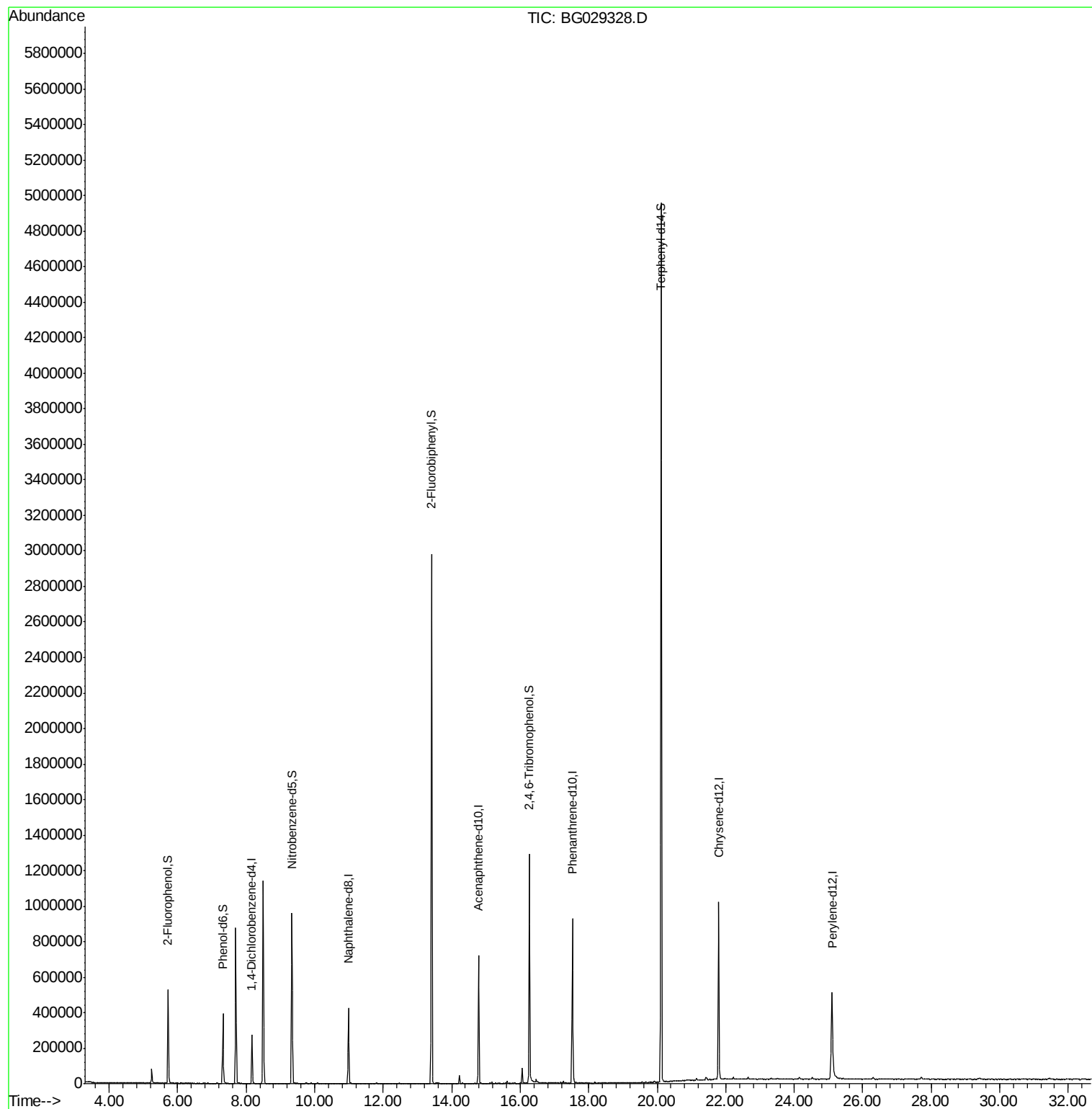
Target Compounds Qvalue

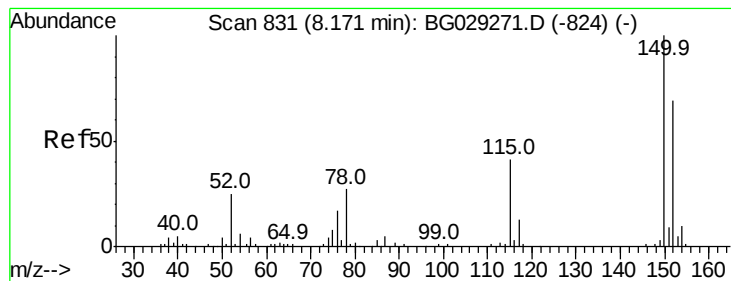
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG029328.D

Acq: 18 Oct 2017 11:12

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-U-M

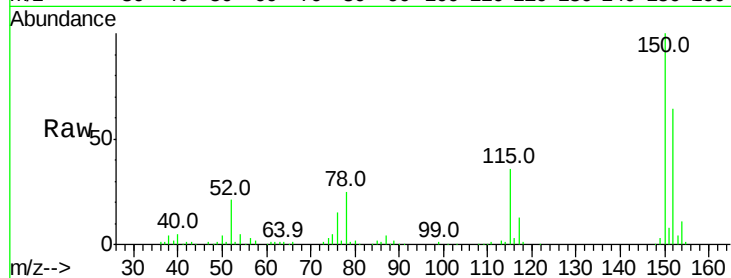
Tot Ion:152 Resp: 79470

Ion Ratio Lower Upper

152 100

150 157.0 126.6 189.8

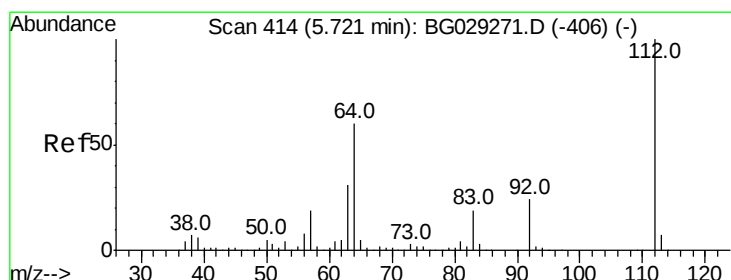
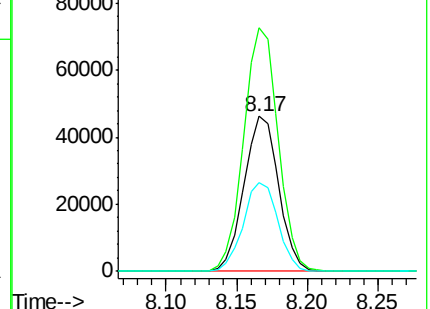
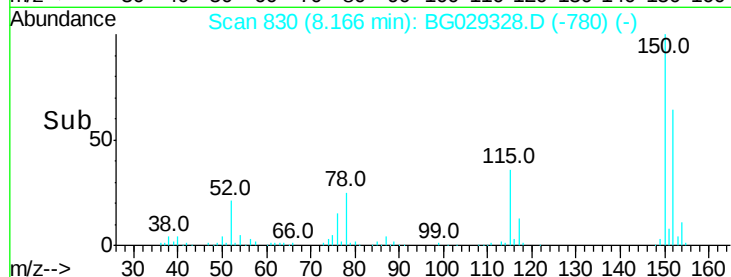
115 57.3 53.0 79.4



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: 52.320 ng

RT: 5.72 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG029328.D

Acq: 18 Oct 2017 11:12

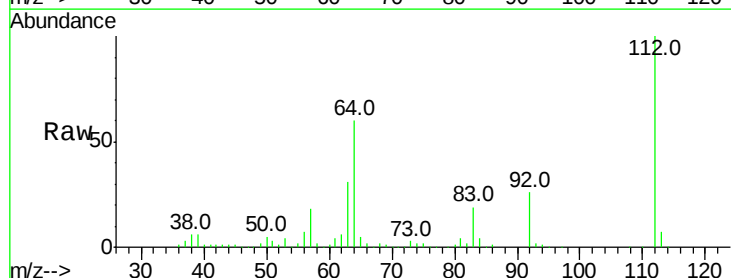
Tgt Ion:112 Resp: 248890

Ion Ratio Lower Upper

112 100

64 59.5 56.3 84.5

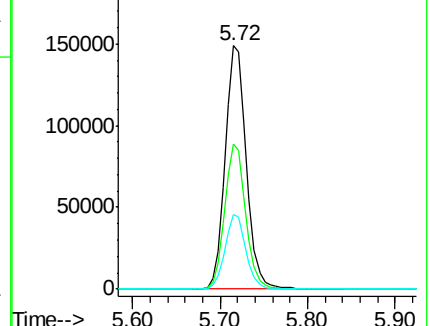
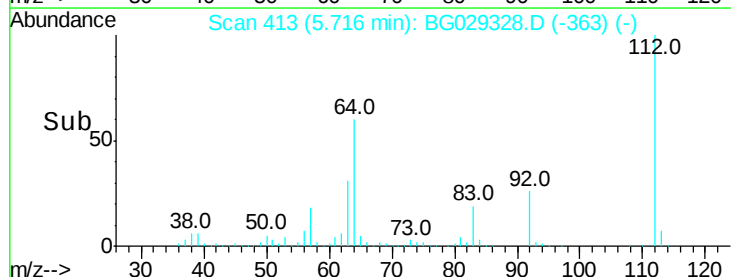
63 30.5 30.1 45.1

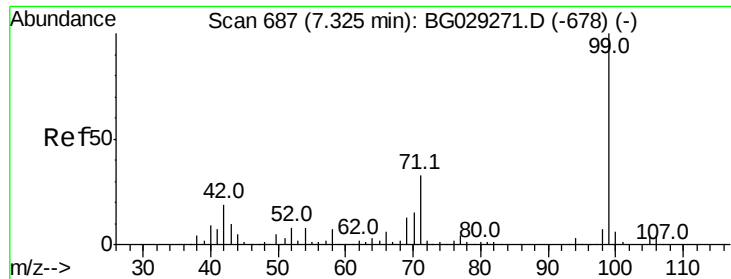


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 36.923 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG029328.D

Acq: 18 Oct 2017 11:12

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-U-M

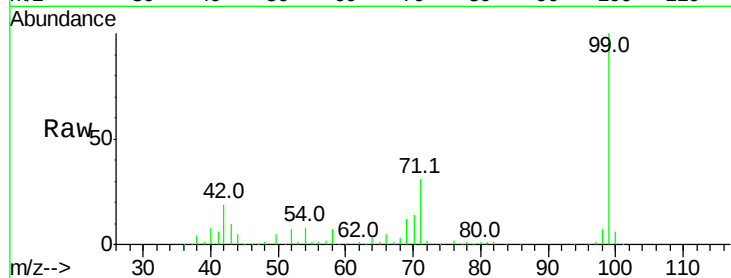
Tot Ion: 99 Resp: 246548

Ion Ratio Lower Upper

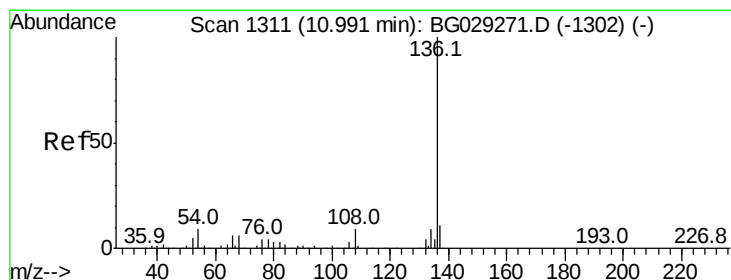
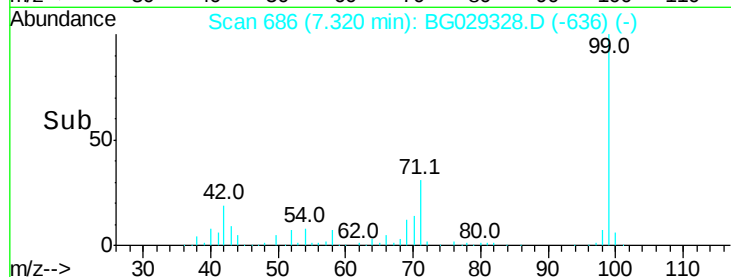
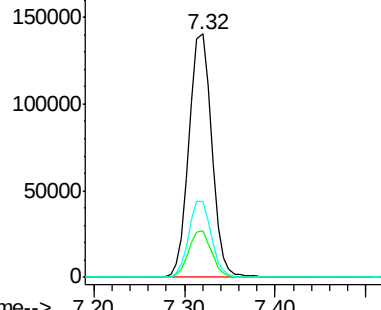
99 100

42 18.9 14.1 21.1

71 31.0 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: 10.99 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG029328.D

Acq: 18 Oct 2017 11:12

Tgt Ion: 136 Resp: 383712

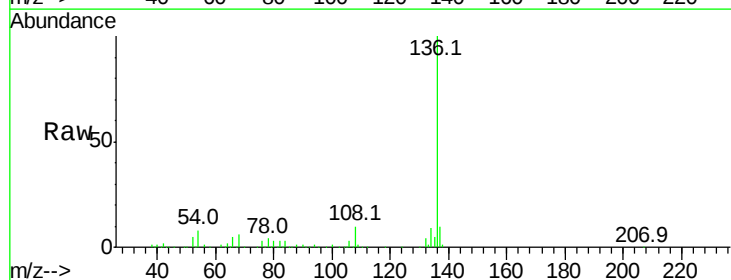
Ion Ratio Lower Upper

136 100

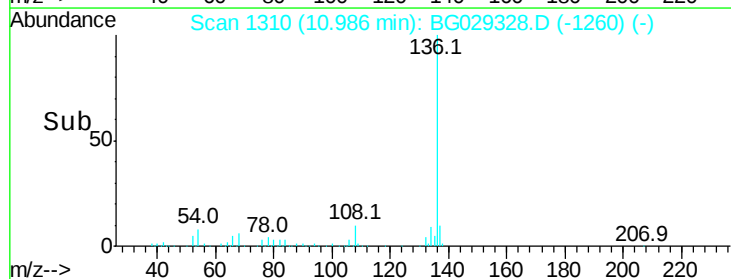
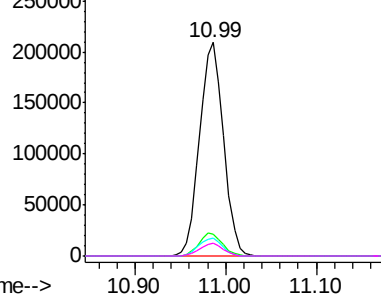
137 10.5 9.2 13.8

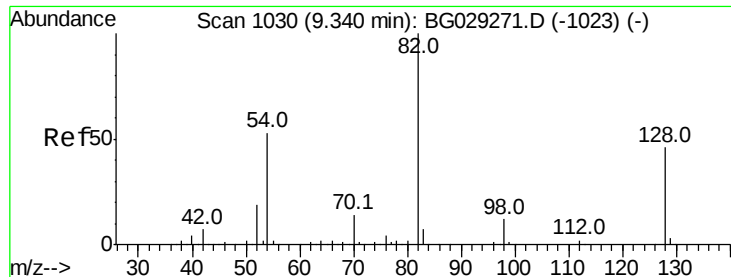
54 8.3 10.3 15.5#

68 6.3 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

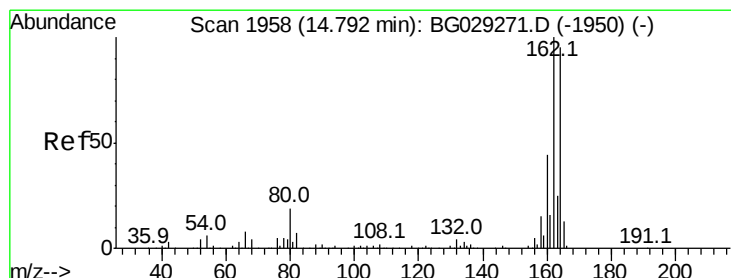
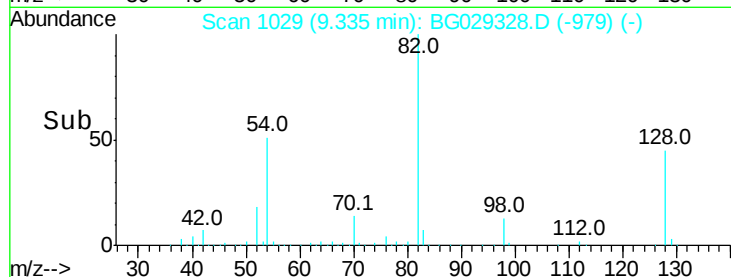
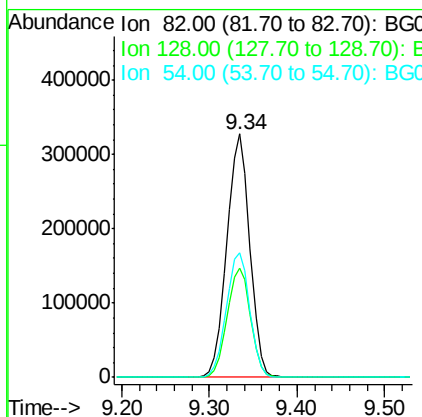
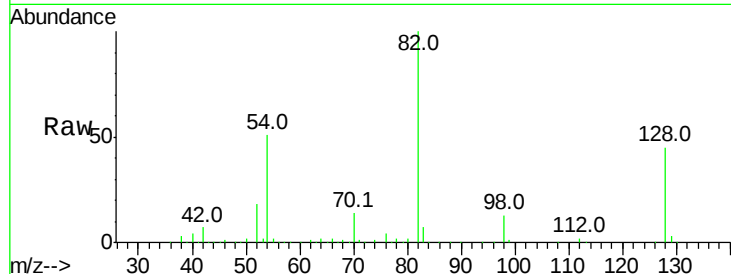




#23
 Nitrobenzene-d5
 Concen: 97.291 ng
 RT: 9.34 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG029328.D
 Acq: 18 Oct 2017 11:12

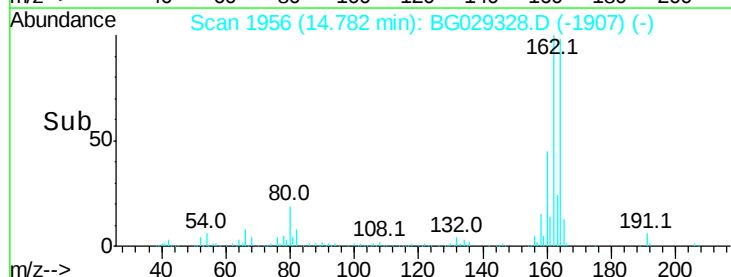
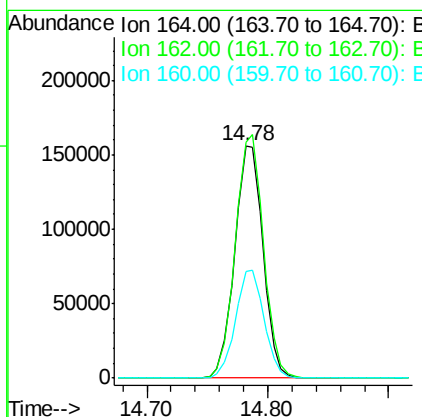
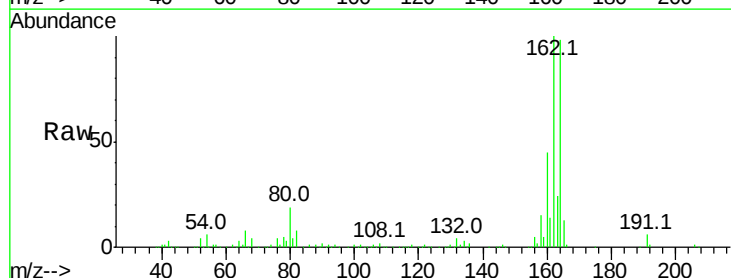
Instrument :
 BNA_G
 ClientSampleId :
 101017-TIDO-E-U-M

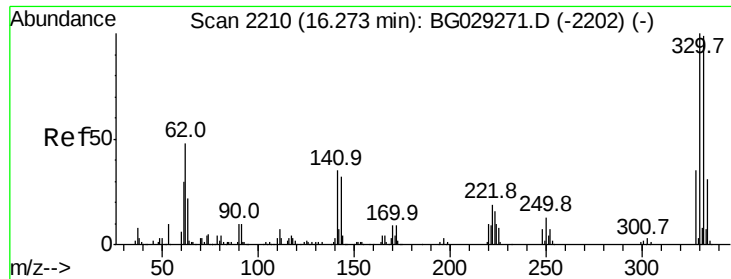
Tot Ion: 82 Resp: 587465
 Ion Ratio Lower Upper
 82 100
 128 44.6 29.7 44.5#
 54 51.0 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029328.D
 Acq: 18 Oct 2017 11:12

Tgt Ion: 164 Resp: 254890
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 46.0 35.4 53.0

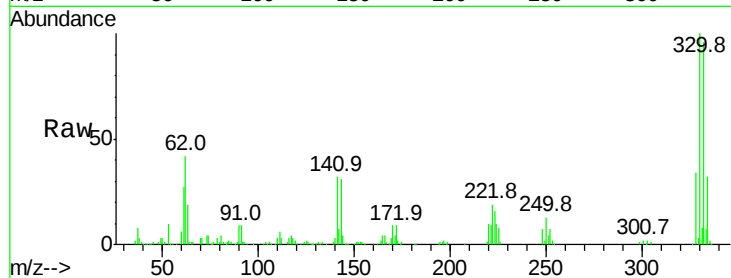




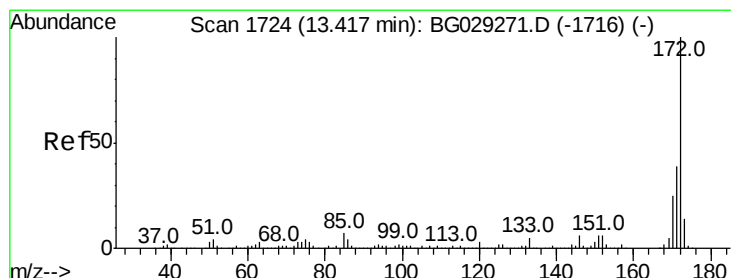
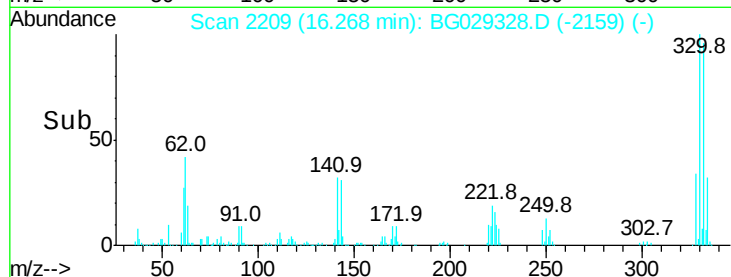
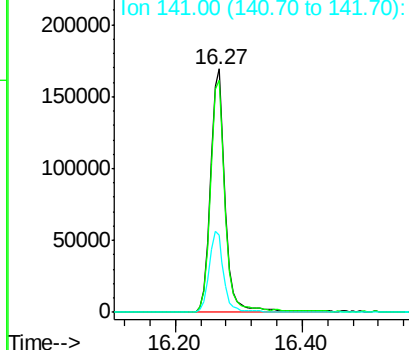
#41
 2,4,6-Tribromophenol
 Concen: 85.731 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: BG029328.D
 Acq: 18 Oct 2017 11:12

Instrument :
 BNA_G
 ClientSampleId :
 101017-TIDO-E-U-M

Tot Ion:330 Resp: 282132
 Ion Ratio Lower Upper
 330 100
 332 94.3 77.0 115.6
 141 32.9 25.2 37.8

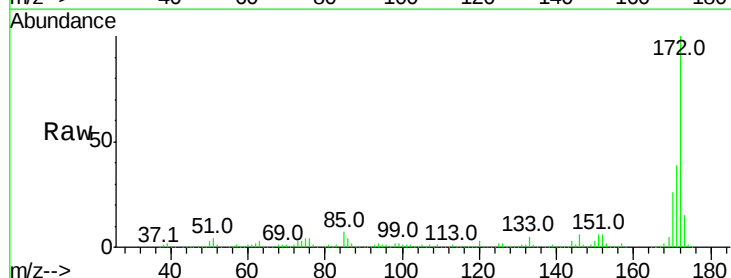


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

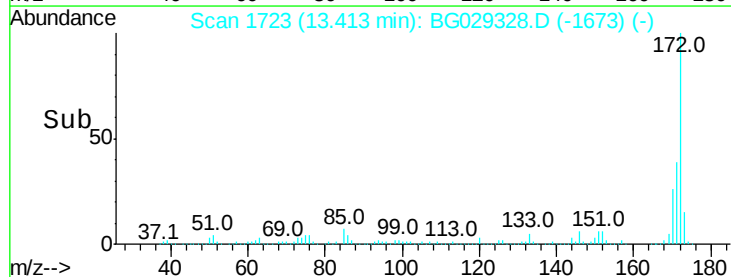
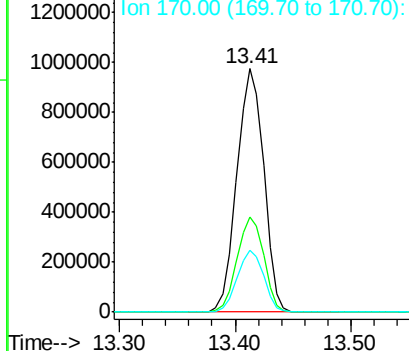


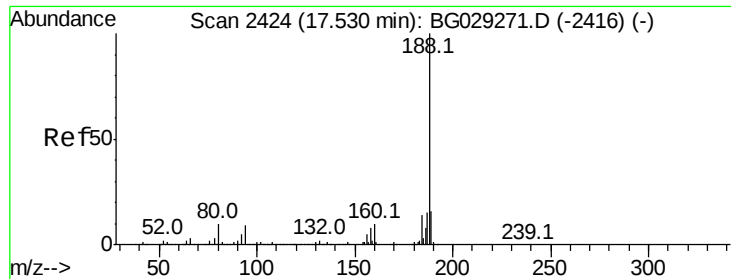
#44
 2-Fluorobiphenyl
 Concen: 90.468 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029328.D
 Acq: 18 Oct 2017 11:12

Tgt Ion:172 Resp: 1572236
 Ion Ratio Lower Upper
 172 100
 171 39.2 30.0 45.0
 170 25.6 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

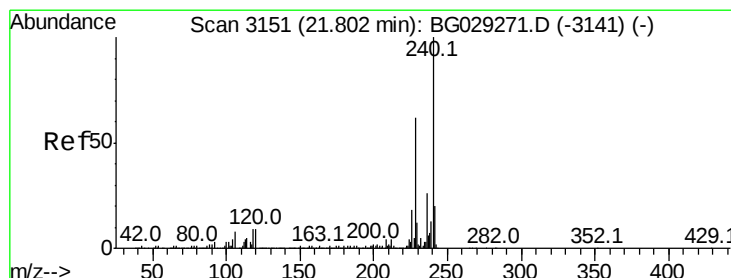
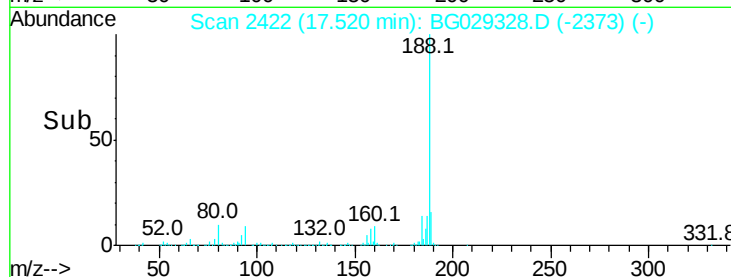
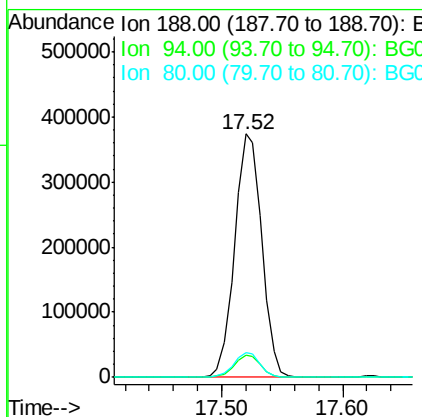
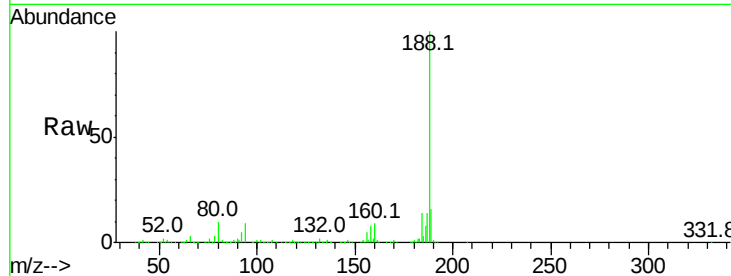




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

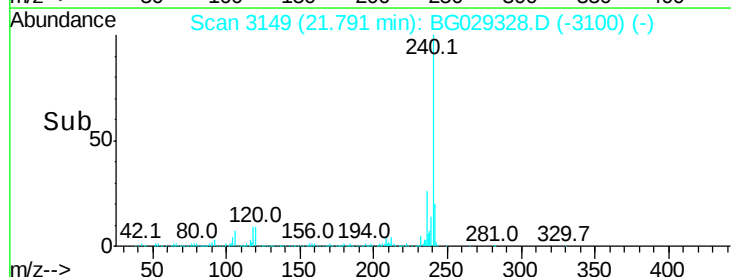
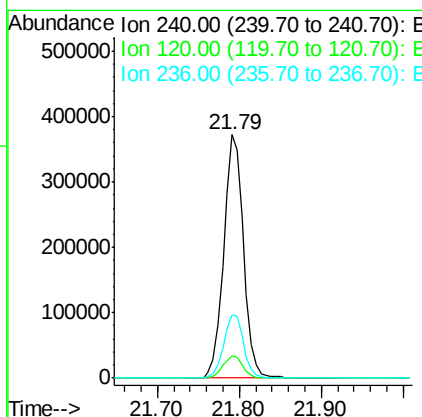
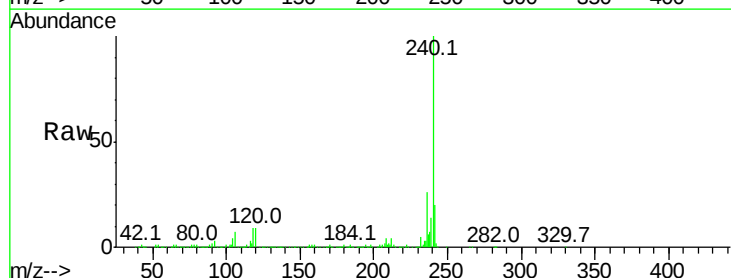
Instrument :
BNA_G
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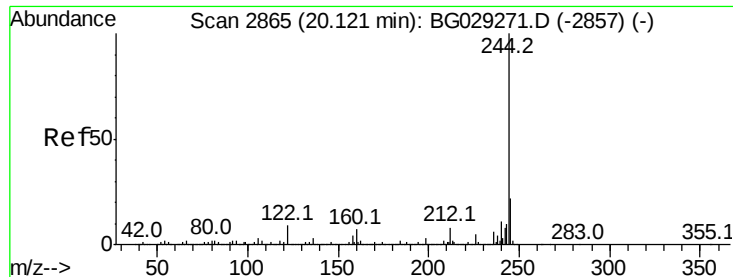
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.9	10.3
80	10.0	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029328.D
Acq: 18 Oct 2017 11:12

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	25.8	20.9	31.3





#78

Terphenyl-d14

Concen: 88.926 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.00 min

Lab File: BG029328.D

Acq: 18 Oct 2017 11:12

Instrument :

BNA_G

ClientSampleId :

101017-TIDO-E-U-M

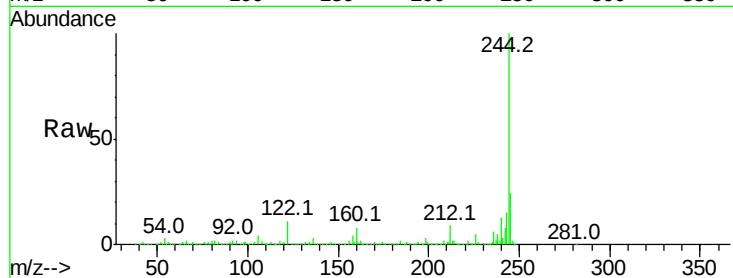
Tot Ion:244 Resp: 2433045

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

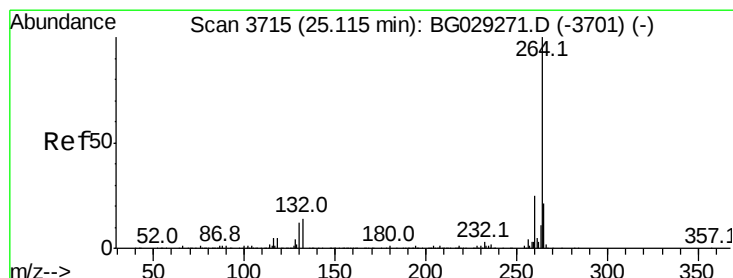
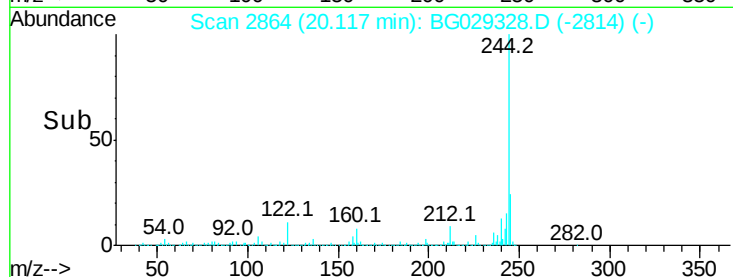
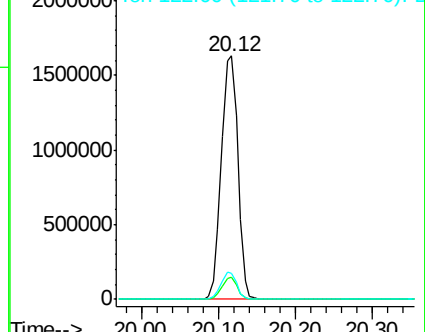
122 10.5 7.0 10.4#



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG029328.D

Acq: 18 Oct 2017 11:12

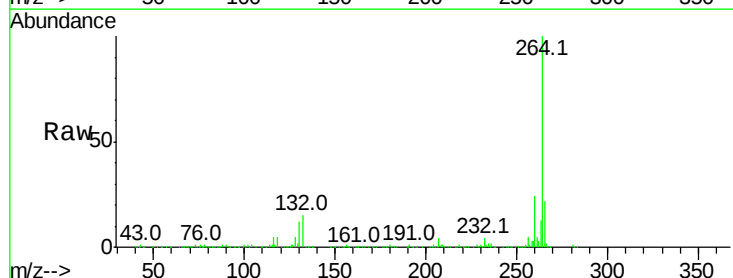
Tgt Ion:264 Resp: 628484

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 21.5 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

