

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029416.D
 Acq On : 24 Oct 2017 2:10
 Operator : SJ/JU
 Sample : I6070-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-102017

Quant Time: Oct 24 05:55:56 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	60561	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	267836	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	181879	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	493284	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	565394	20.00	ng	-0.01
86) Perylene-d12	25.10	264	550863	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	429966	118.60	ng	0.00
7) Phenol-d6	7.32	99	530281	104.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	361965	85.88	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	296821	126.40	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	983684	79.32	ng	0.00
78) Terphenyl-d14	20.11	244	1855884	74.67	ng	-0.01

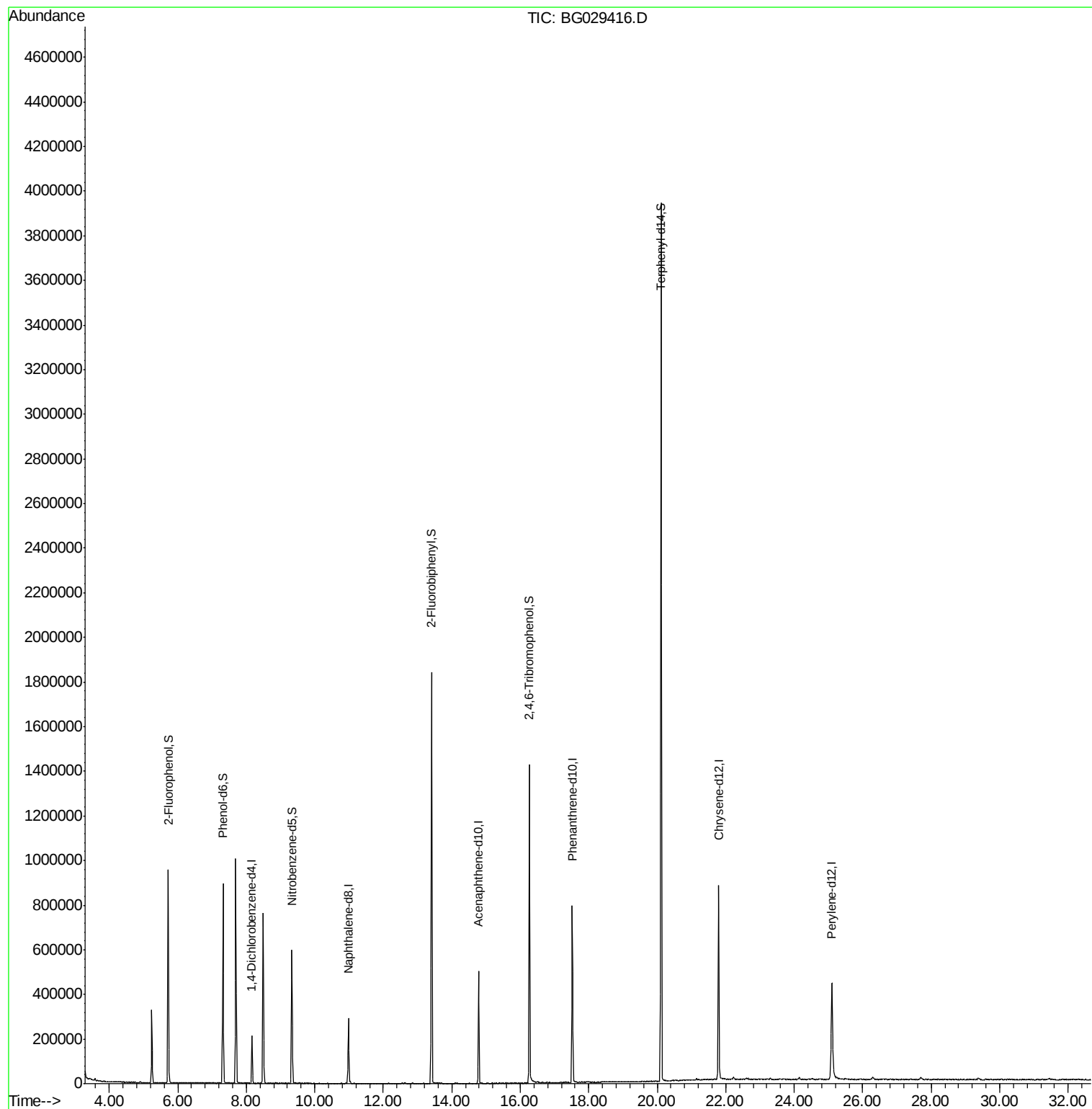
Target Compounds Qvalue

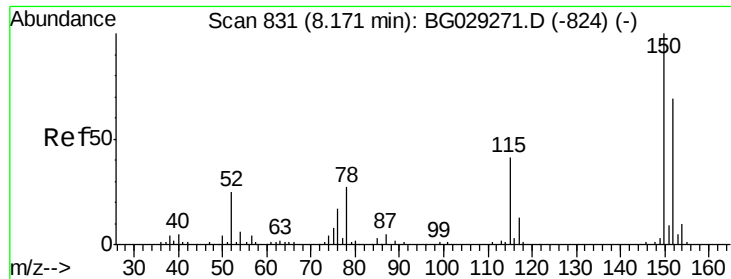
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029416.D

Acq: 24 Oct 2017 2:10

Instrument :

BNA_G

ClientSampleId :

OK-01-102017

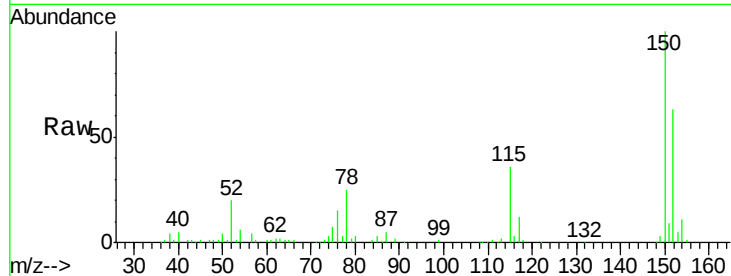
Tot Ion:152 Resp: 60561

Ion Ratio Lower Upper

152 100

150 157.8 126.6 189.8

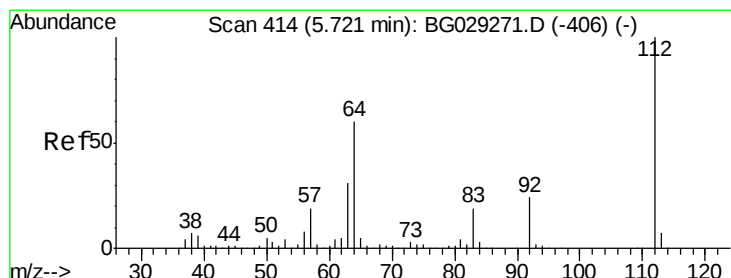
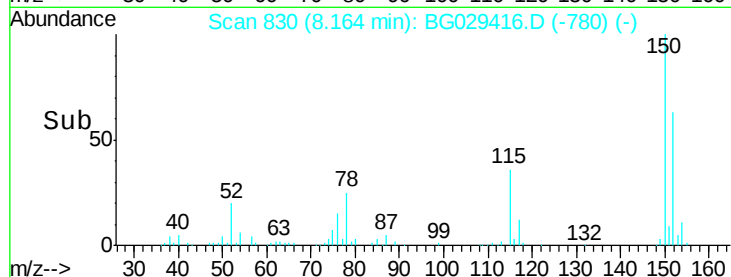
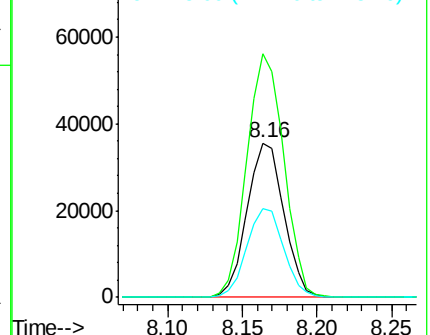
115 57.4 53.0 79.4



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: 118.60 ng

RT: 5.72 min Scan# 414

Delta R.T. -0.00 min

Lab File: BG029416.D

Acq: 24 Oct 2017 2:10

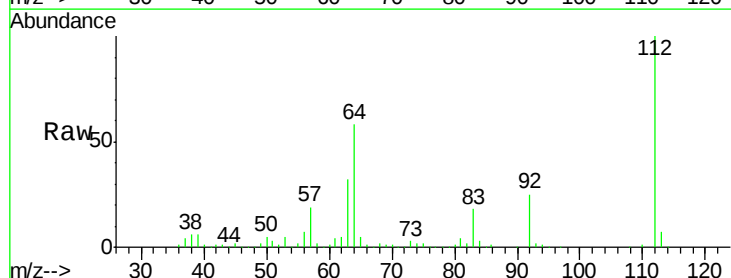
Tgt Ion:112 Resp: 429966

Ion Ratio Lower Upper

112 100

64 58.2 56.3 84.5

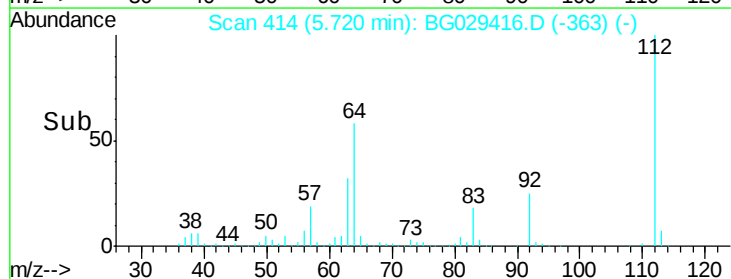
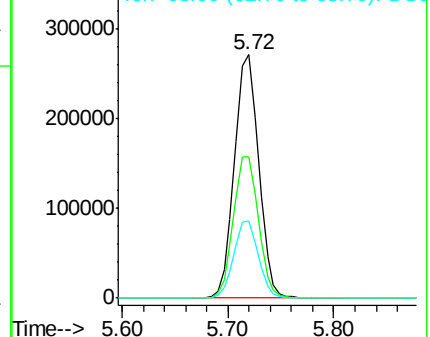
63 31.8 30.1 45.1

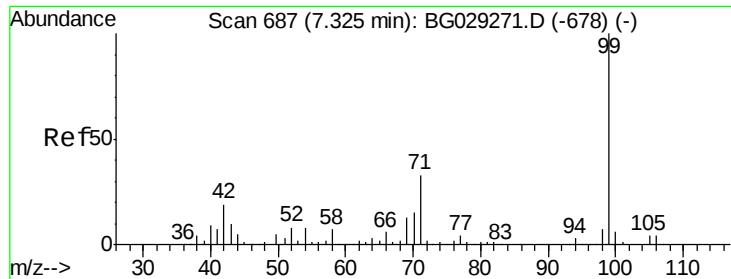


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.21 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029416.D

Acq: 24 Oct 2017 2:10

Instrument :

BNA_G

ClientSampleId :

OK-01-102017

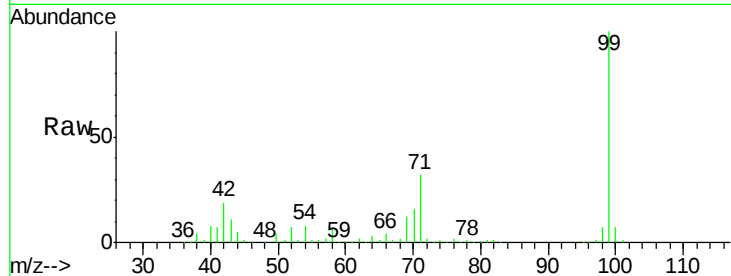
Tot Ion: 99 Resp: 530281

Ion Ratio Lower Upper

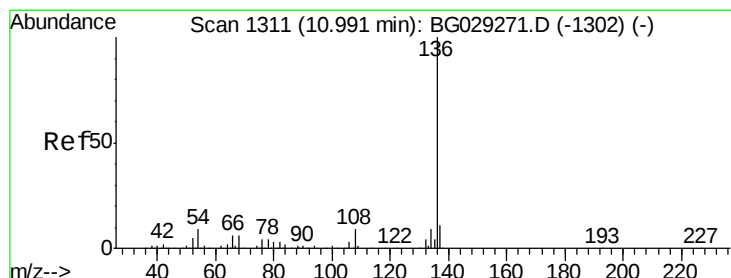
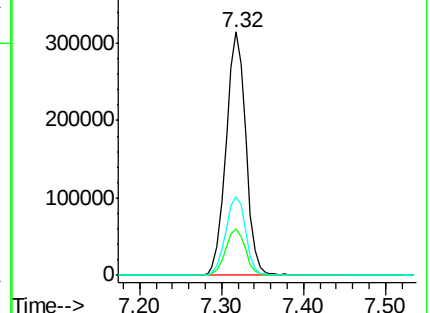
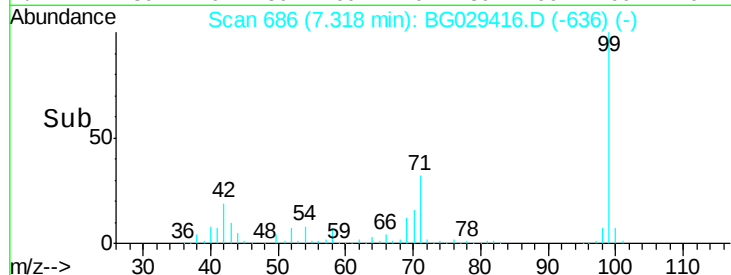
99 100

42 19.4 14.1 21.1

71 32.5 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: 20.00 ng

RT: 10.98 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG029416.D

Acq: 24 Oct 2017 2:10

Tgt Ion: 136 Resp: 267836

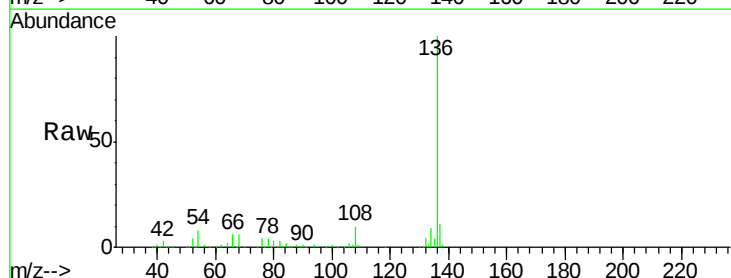
Ion Ratio Lower Upper

136 100

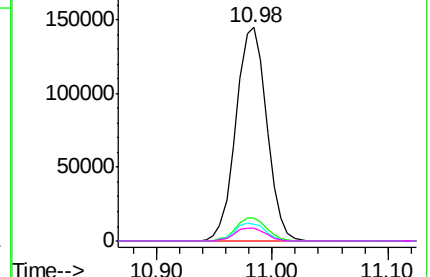
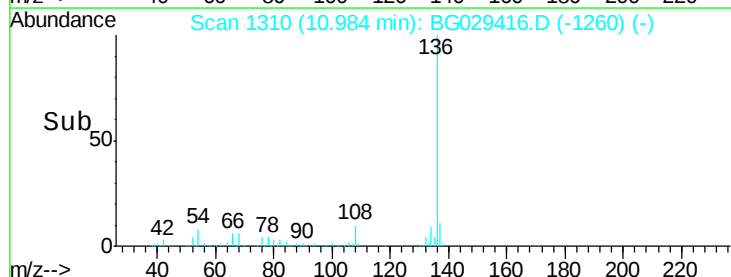
137 10.9 9.2 13.8

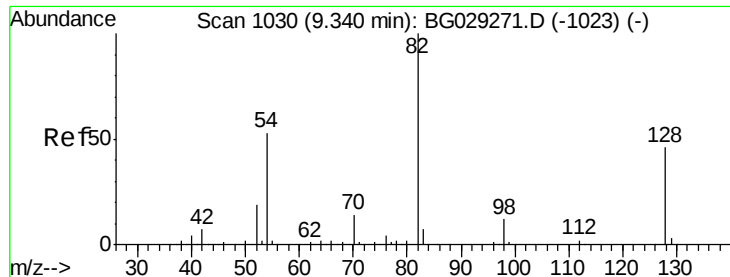
54 7.7 10.3 15.5#

68 5.8 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

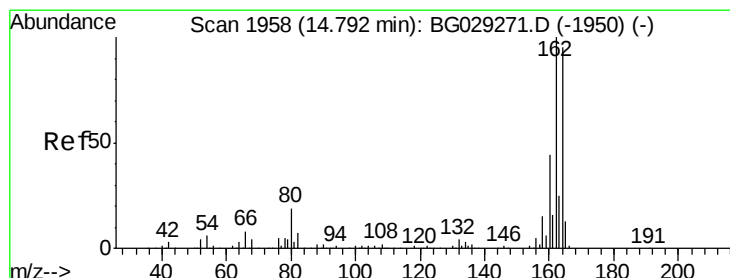
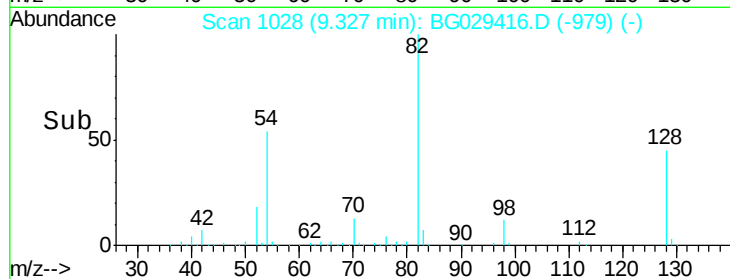
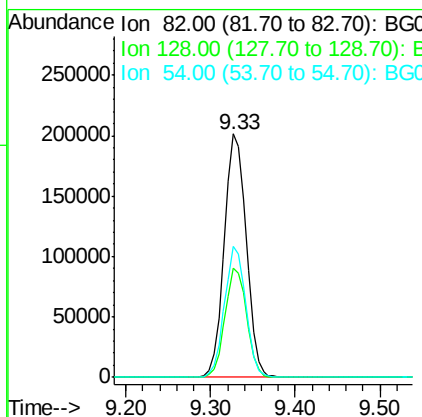
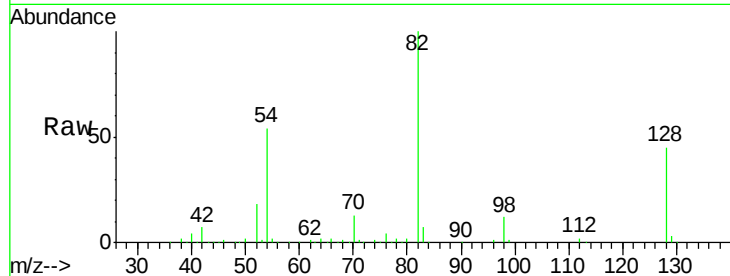




#23
Nitrobenzene-d5
Concen: 85.88 ng
RT: 9.33 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BG029416.D
Acq: 24 Oct 2017 2:10

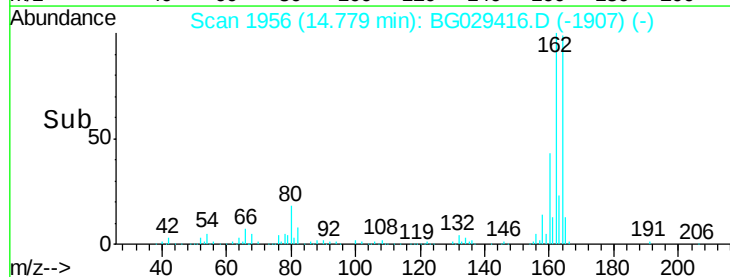
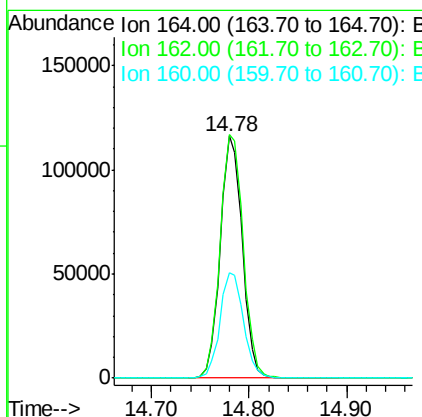
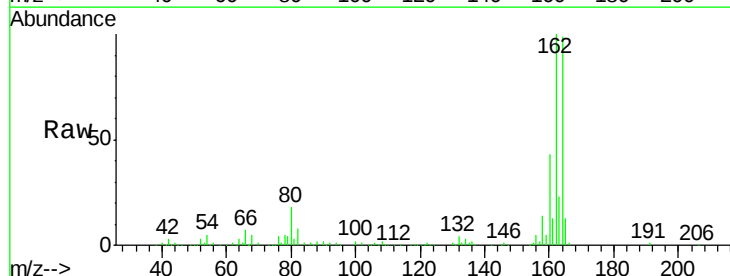
Instrument :
BNA_G
ClientSampleId :
OK-01-102017

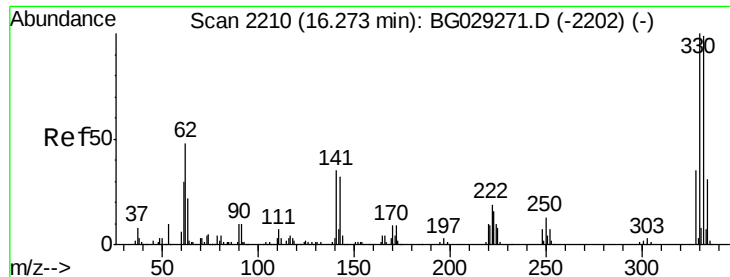
Tot Ion: 82 Resp: 361965
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 53.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG029416.D
Acq: 24 Oct 2017 2:10

Tgt Ion:164 Resp: 181879
Ion Ratio Lower Upper
164 100
162 100.5 78.8 118.2
160 43.6 35.4 53.0

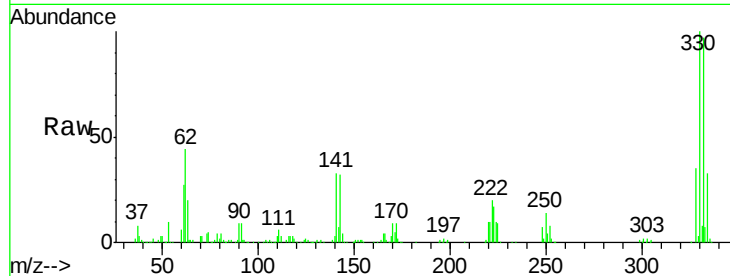




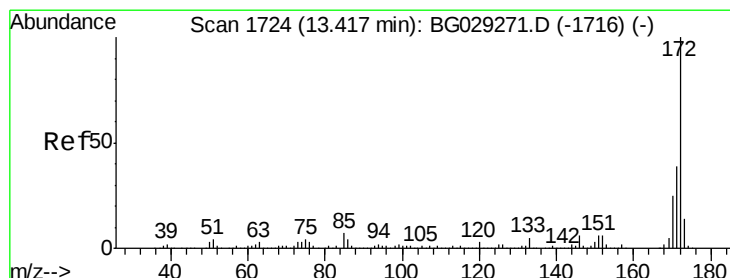
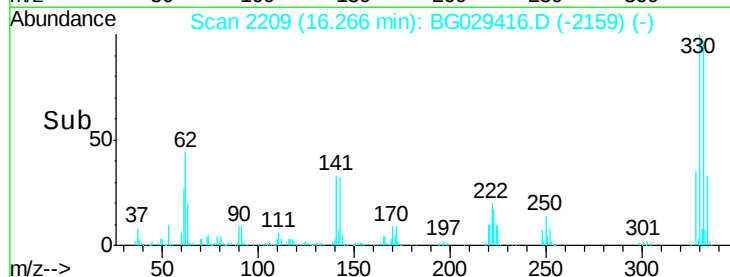
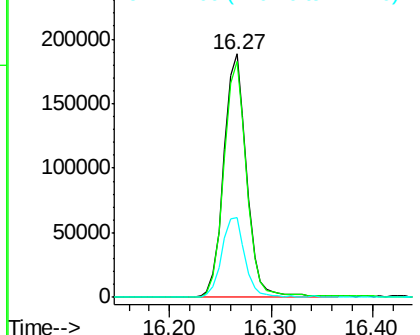
#41
 2,4,6-Tribromophenol
 Concen: 126.40 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029416.D
 Acq: 24 Oct 2017 2:10

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-102017

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	33.5	25.2	37.8

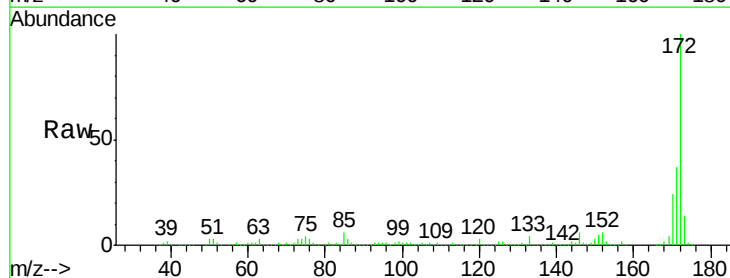


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

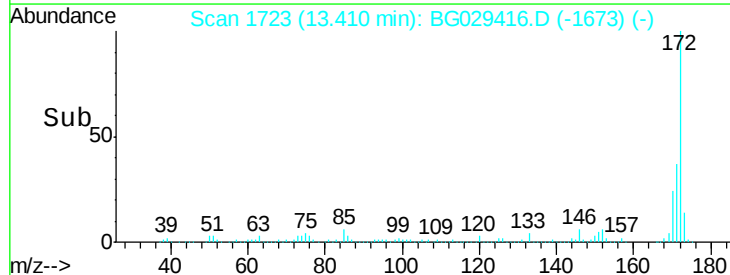
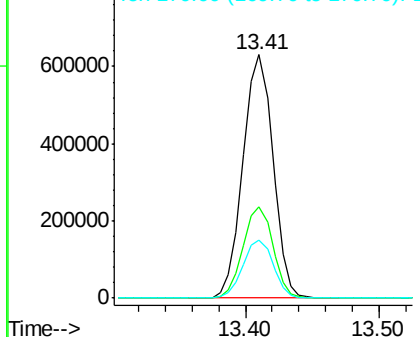


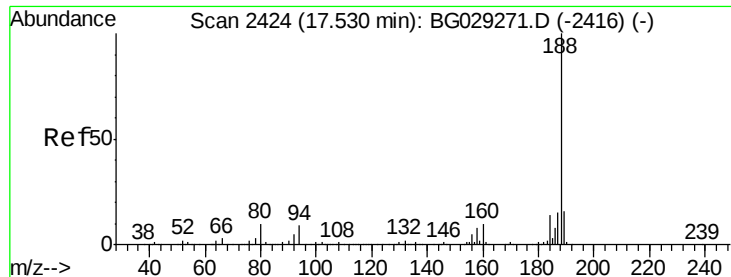
#44
 2-Fluorobiphenyl
 Concen: 79.32 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029416.D
 Acq: 24 Oct 2017 2:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.1	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

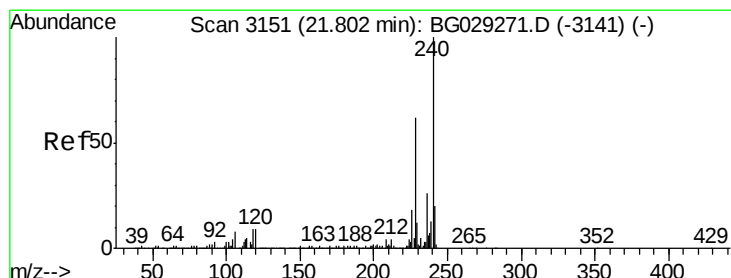
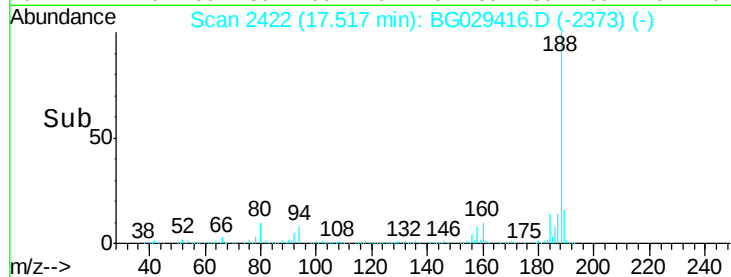
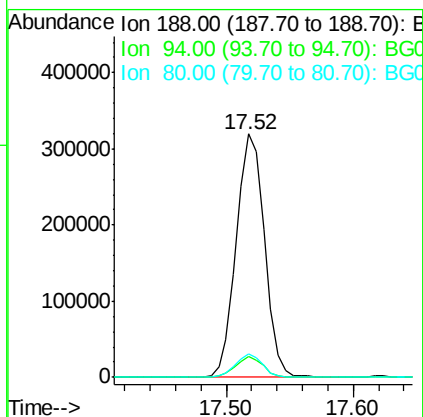
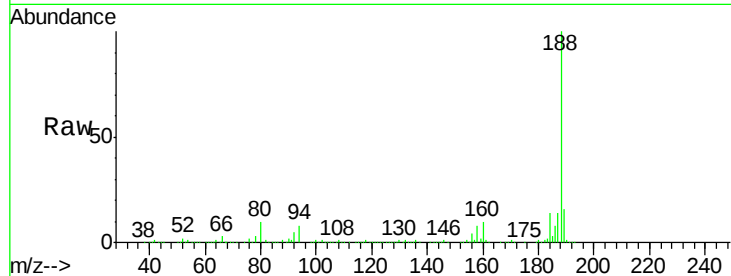




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029416.D
Acq: 24 Oct 2017 2:10

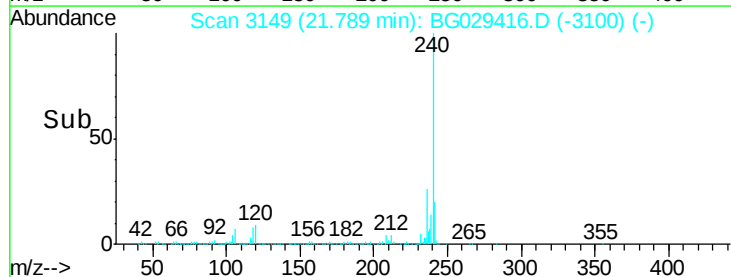
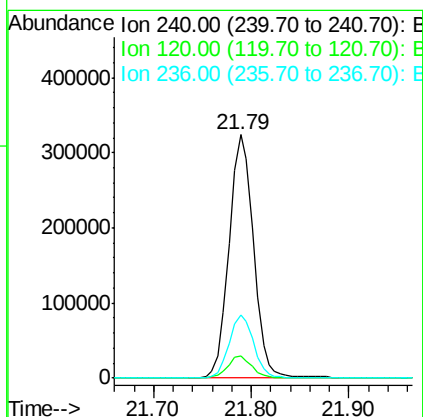
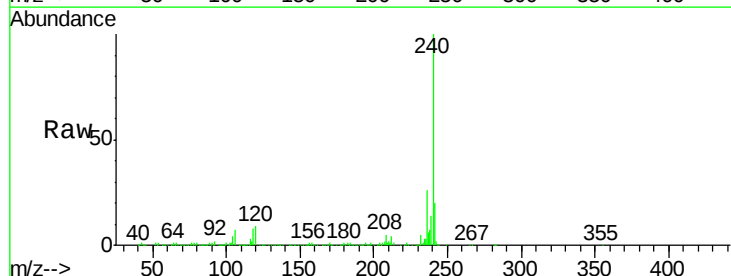
Instrument :
BNA_G
ClientSampleId :
OK-01-102017

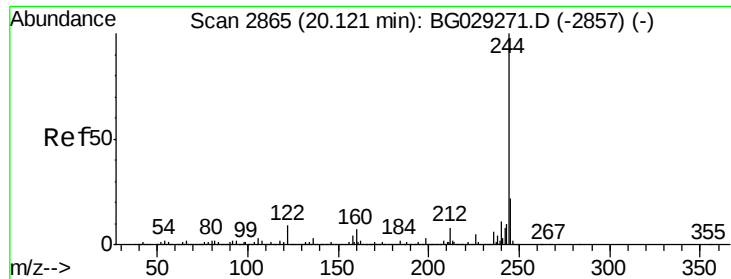
Tot Ion:188 Resp: 493284
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029416.D
Acq: 24 Oct 2017 2:10

Tgt Ion:240 Resp: 565394
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 74.67 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029416.D

Acq: 24 Oct 2017 2:10

Instrument :

BNA_G

ClientSampleId :

OK-01-102017

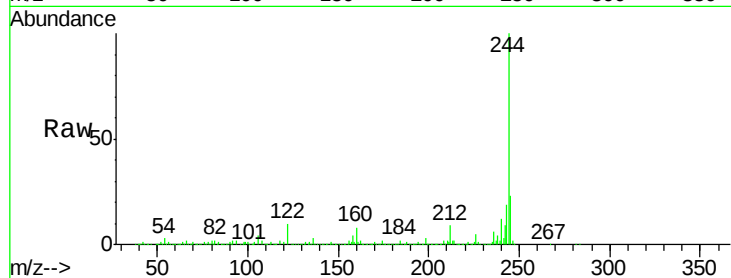
Tot Ion:244 Resp: 1855884

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

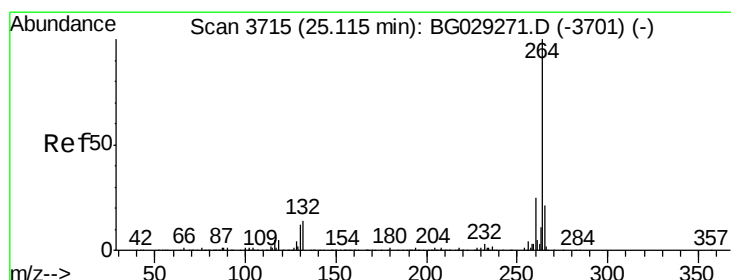
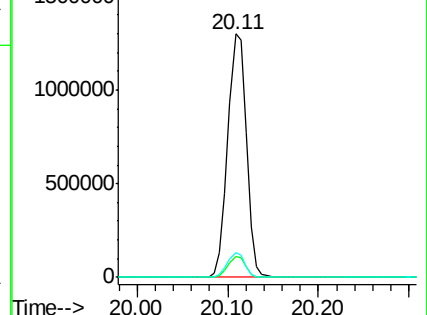
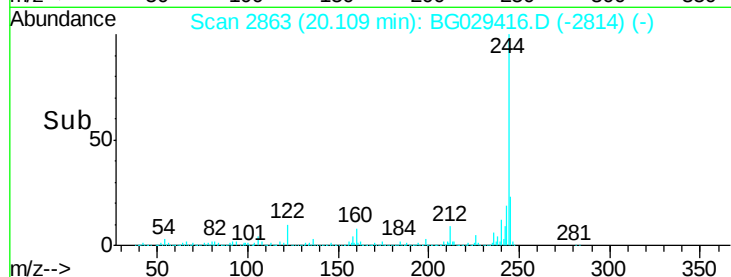
122 10.1 7.0 10.4



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: 20.00 ng

RT: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029416.D

Acq: 24 Oct 2017 2:10

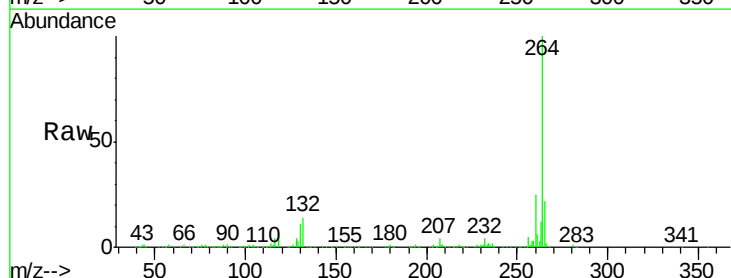
Tgt Ion:264 Resp: 550863

Ion Ratio Lower Upper

264 100

260 24.5 17.4 26.0

265 22.4 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

