

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029391.D
 Acq On : 21 Oct 2017 14:44
 Operator : SJ/JU
 Sample : I6017-04
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:37:38 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	53093	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	223322	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	149944	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	425732	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	484000	20.00	ng	-0.01
86) Perylene-d12	25.09	264	495944	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	451207	141.97	ng	0.00
7) Phenol-d6	7.32	99	541728	121.43	ng	0.00
23) Nitrobenzene-d5	9.33	82	374602	106.59	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	372829	192.58	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1001137	97.92	ng	0.00
78) Terphenyl-d14	20.11	244	2031935	95.51	ng	0.00

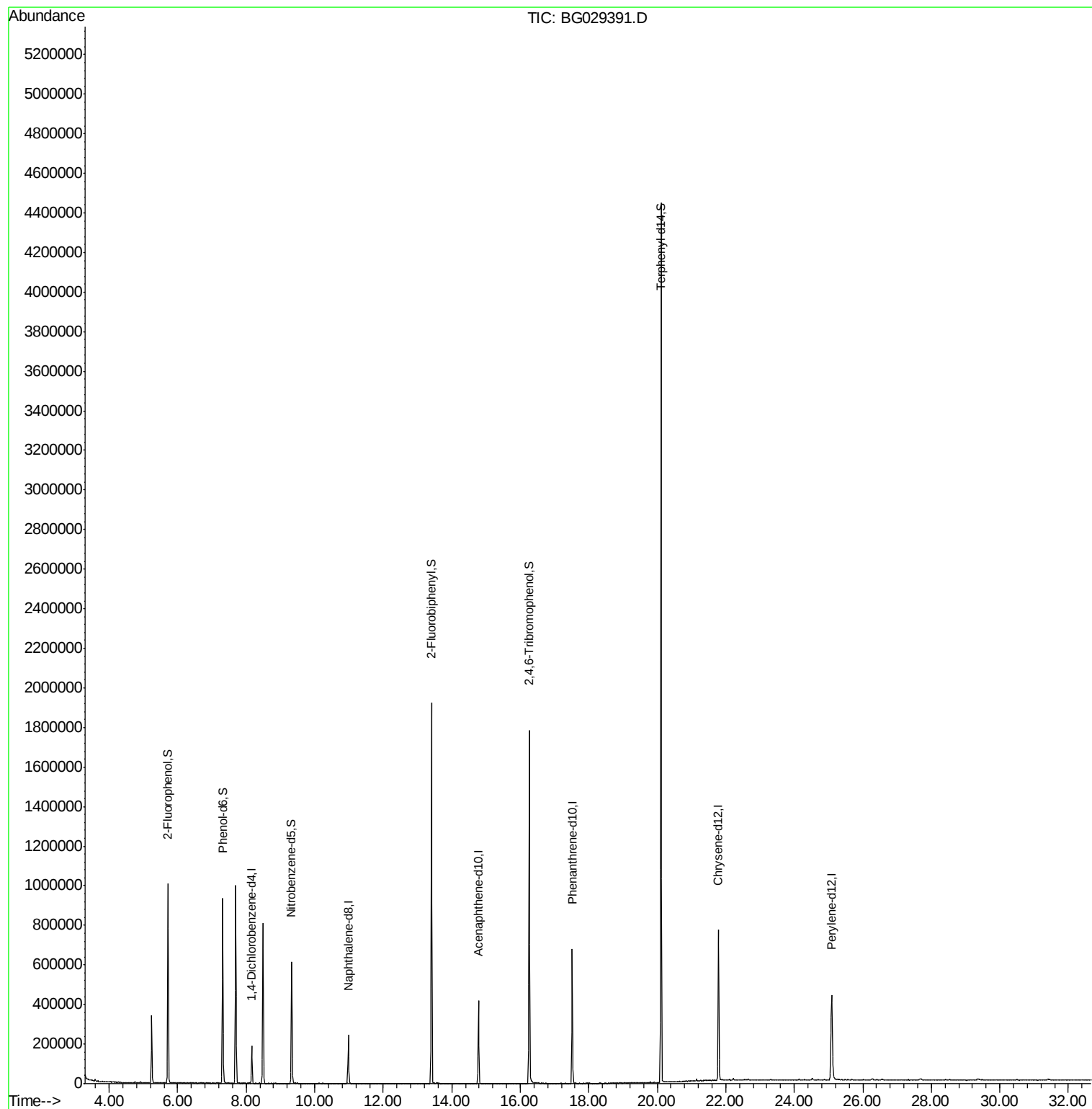
Target Compounds Qvalue

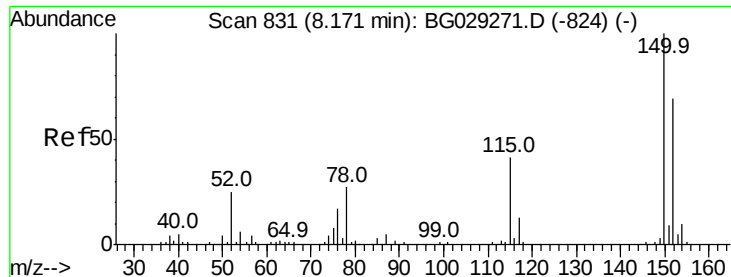
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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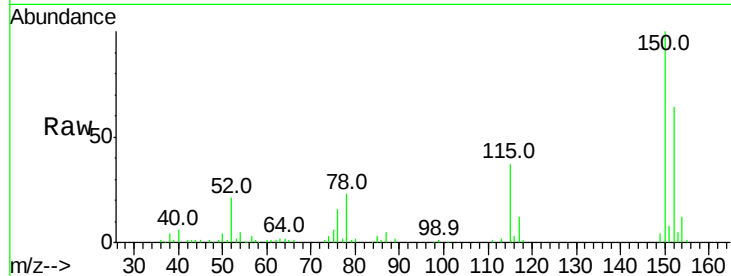


#1

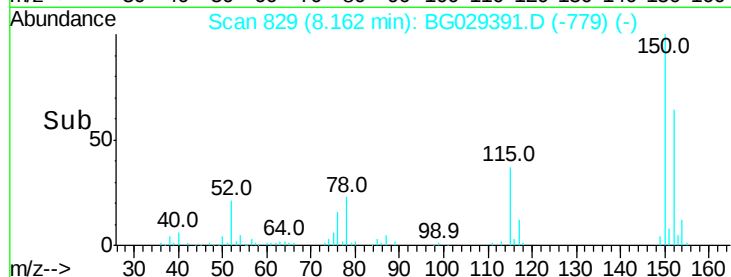
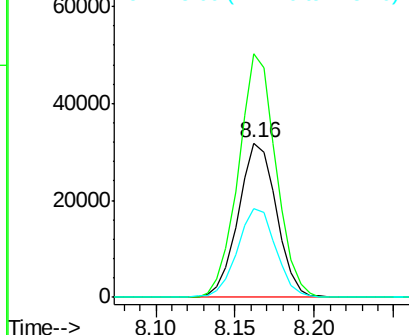
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG029391.D
Acq: 21 Oct 2017 14:44

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 53093
Ion Ratio Lower Upper
152 100
150 157.4 126.6 189.8
115 57.7 53.0 79.4



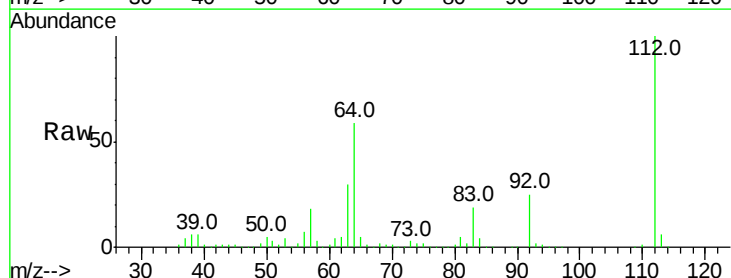
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



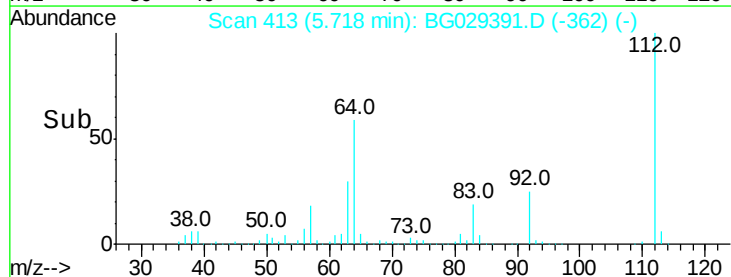
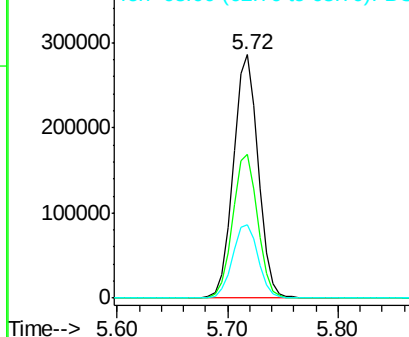
#5

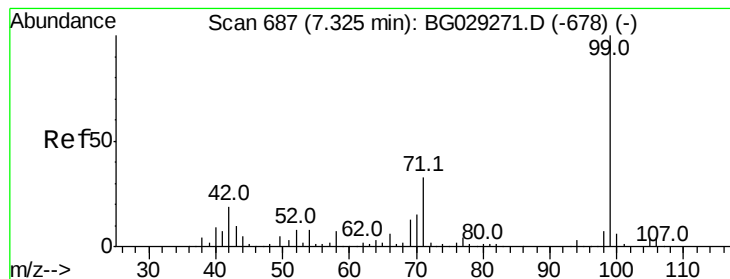
2-Fluorophenol
Concen: 141.971 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029391.D
Acq: 21 Oct 2017 14:44

Tgt Ion:112 Resp: 451207
Ion Ratio Lower Upper
112 100
64 59.3 56.3 84.5
63 30.4 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: 121.435 ng

RT: 7.32 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029391.D

Acq: 21 Oct 2017 14:44

Instrument :

BNA_G

ClientSampleId :

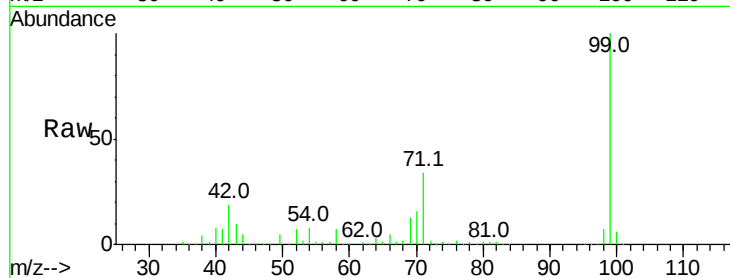
Tot Ion: 99 Resp: 541728

Ion Ratio Lower Upper

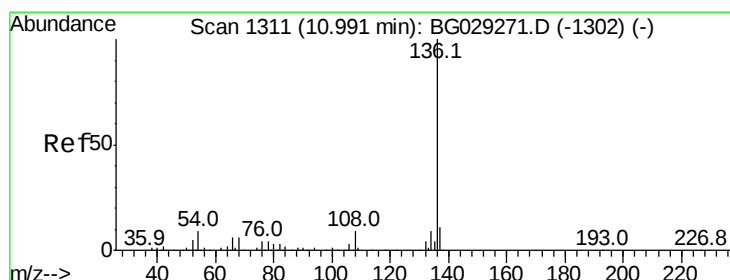
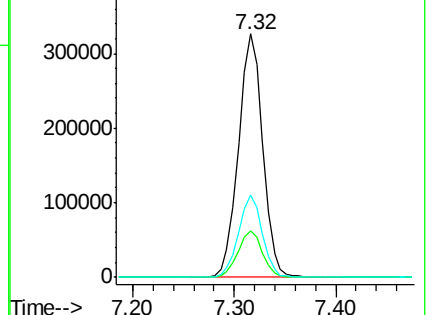
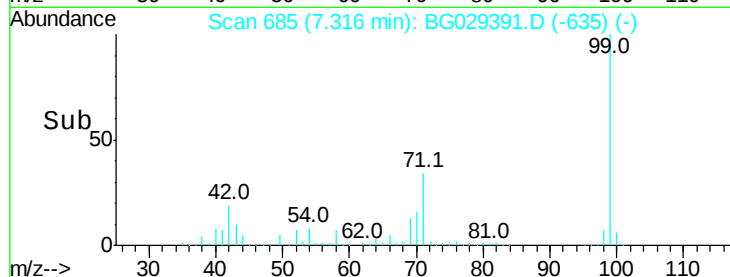
99 100

42 19.0 14.1 21.1

71 33.9 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: BG029391.D

Acq: 21 Oct 2017 14:44

Tgt Ion: 136 Resp: 223322

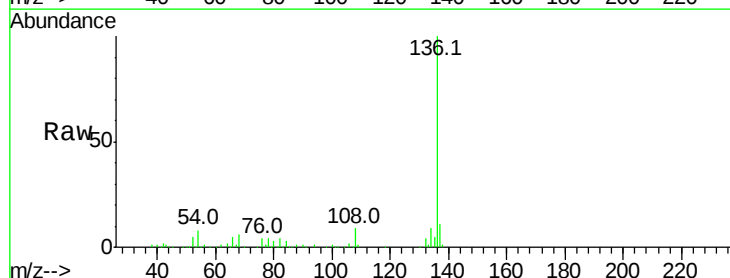
Ion Ratio Lower Upper

136 100

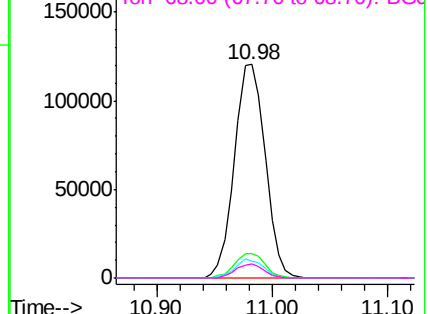
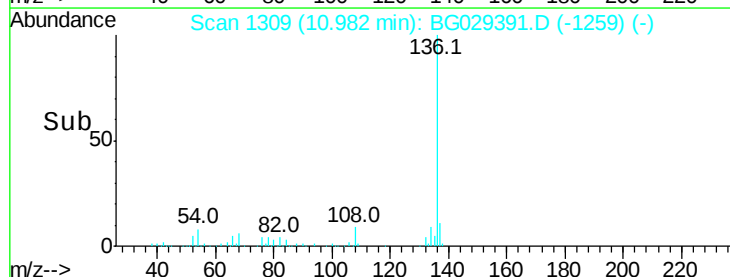
137 11.2 9.2 13.8

54 8.1 10.3 15.5#

68 6.4 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

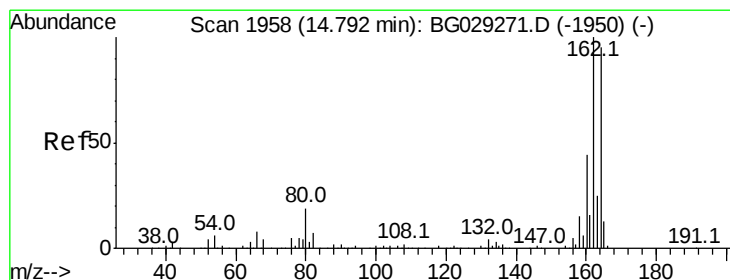
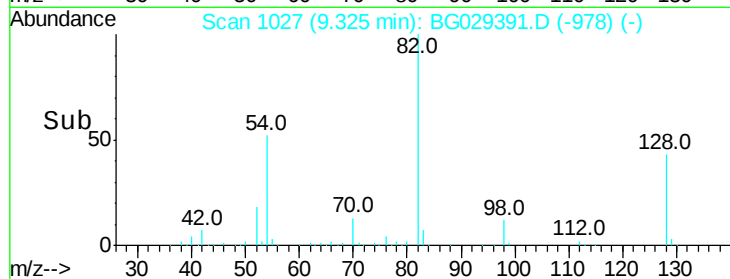
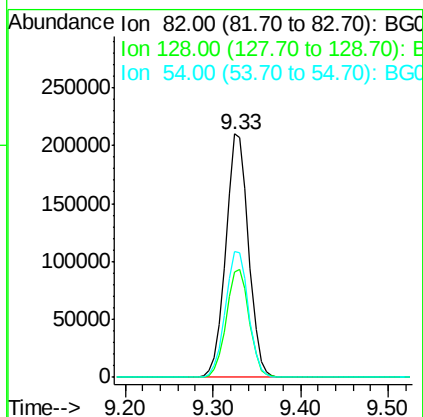
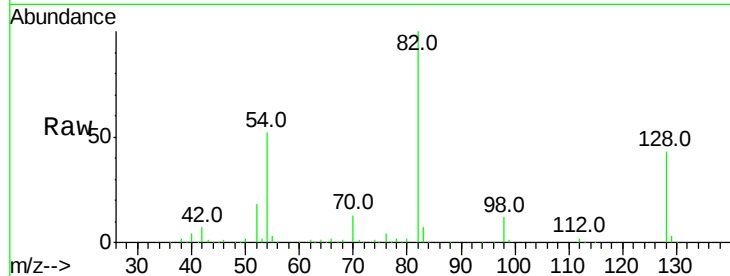




#23
 Nitrobenzene-d5
 Concen: 106.595 ng
 RT: 9.33 min Scan# 1027
 Delta R.T. -0.01 min
 Lab File: BG029391.D
 Acq: 21 Oct 2017 14:44

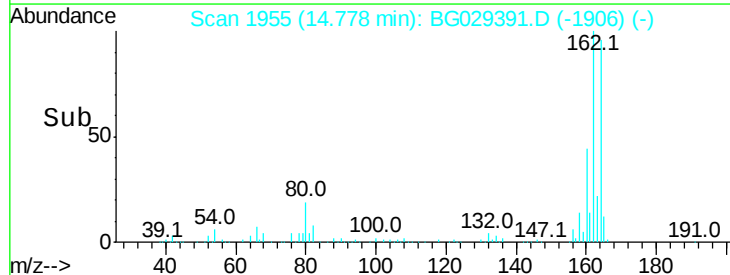
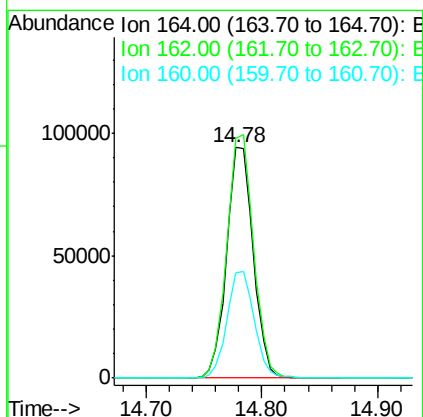
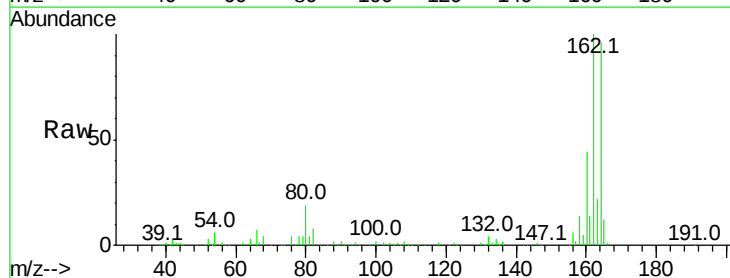
Instrument :
 BNA_G
 ClientSampled :

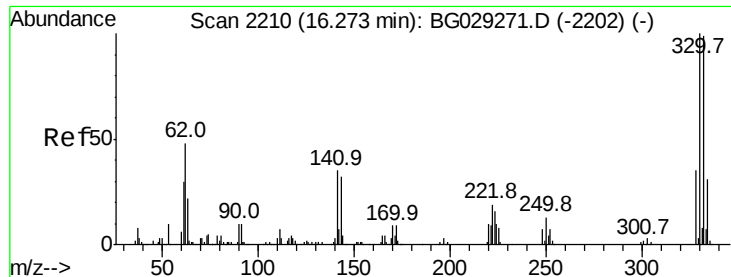
Tot Ion: 82 Resp: 374602
 Ion Ratio Lower Upper
 82 100
 128 43.5 29.7 44.5
 54 51.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1955
 Delta R.T. -0.01 min
 Lab File: BG029391.D
 Acq: 21 Oct 2017 14:44

Tgt Ion:164 Resp: 149944
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 45.7 35.4 53.0

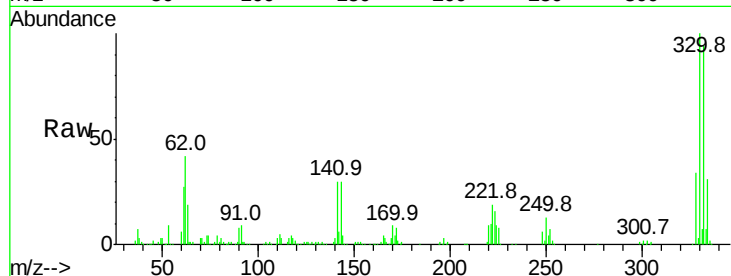




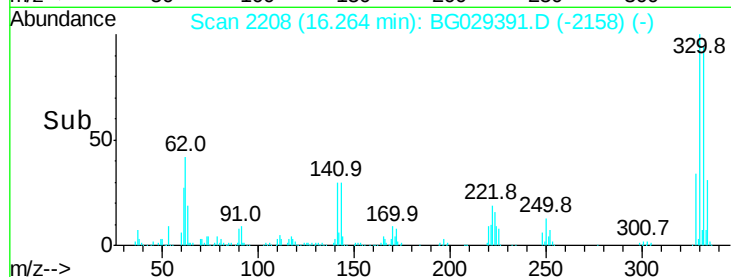
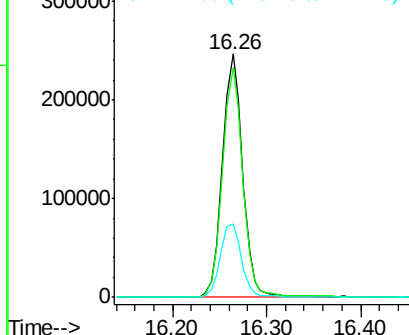
#41
 2,4,6-Tribromophenol
 Concen: 192.584 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029391.D
 Acq: 21 Oct 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 372829
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 31.5 25.2 37.8

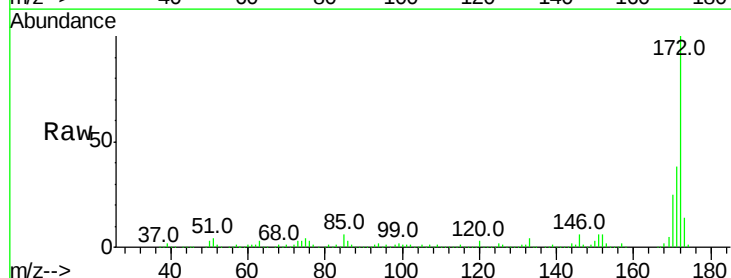


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

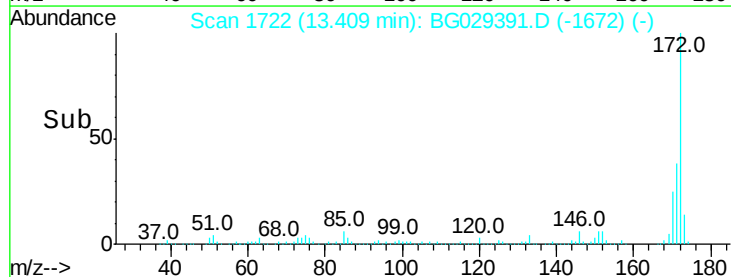
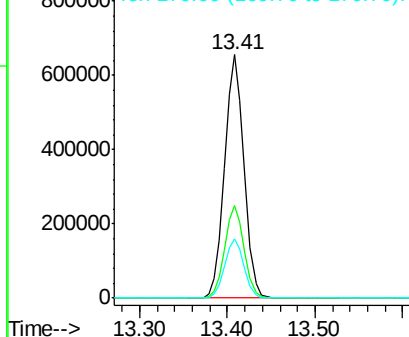


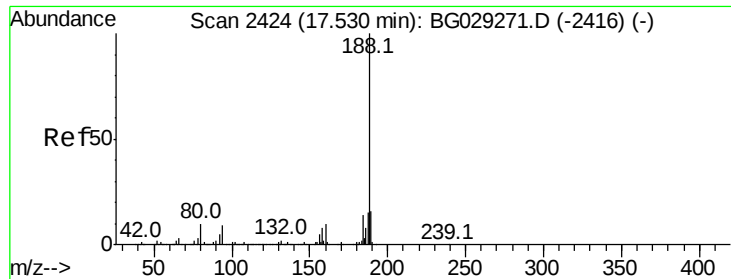
#44
 2-Fluorobiphenyl
 Concen: 97.925 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029391.D
 Acq: 21 Oct 2017 14:44

Tgt Ion:172 Resp: 1001137
 Ion Ratio Lower Upper
 172 100
 171 38.0 30.0 45.0
 170 24.5 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# 2421

Delta R.T. -0.01 min

Lab File: BG029391.D

Acq: 21 Oct 2017 14:44

Instrument :

BNA_G

ClientSampleId :

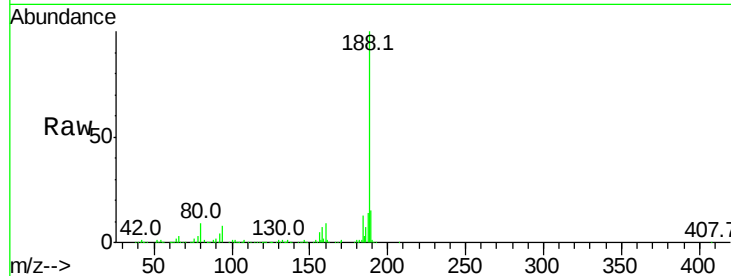
Tot Ion:188 Resp: 425732

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

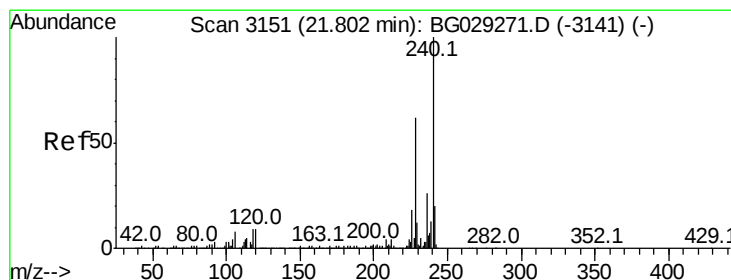
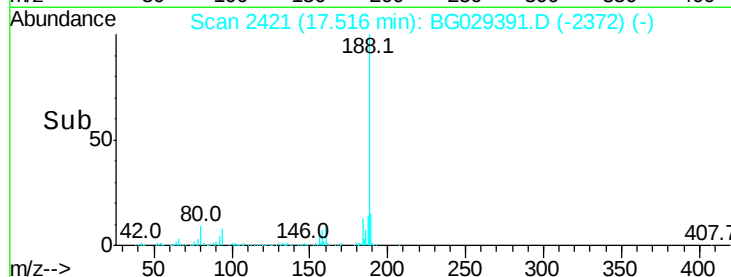
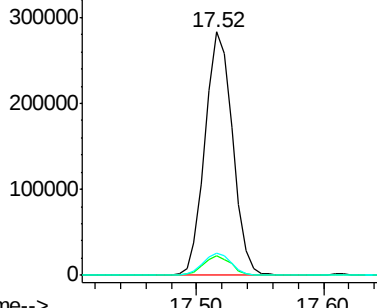
80 9.1 7.7 11.5



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# 3148

Delta R.T. -0.01 min

Lab File: BG029391.D

Acq: 21 Oct 2017 14:44

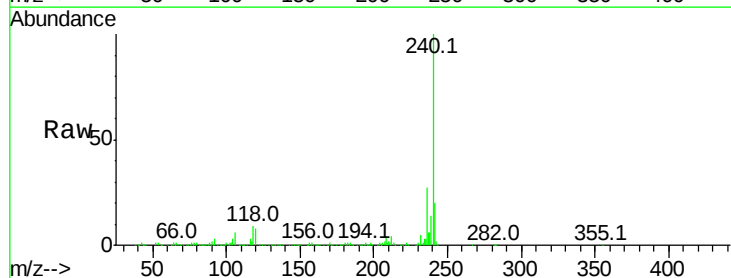
Tgt Ion:240 Resp: 484000

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

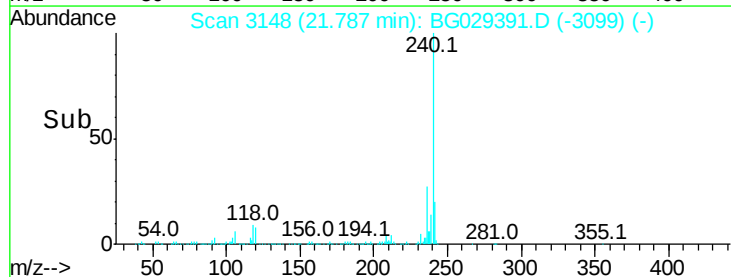
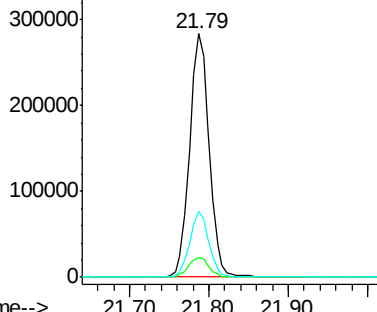
236 26.9 20.9 31.3



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: 95.506 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029391.D

Acq: 21 Oct 2017 14:44

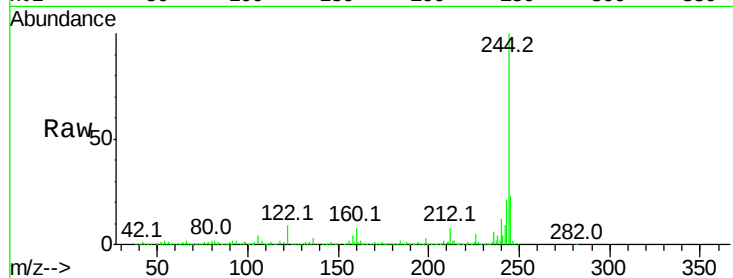
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 2031935

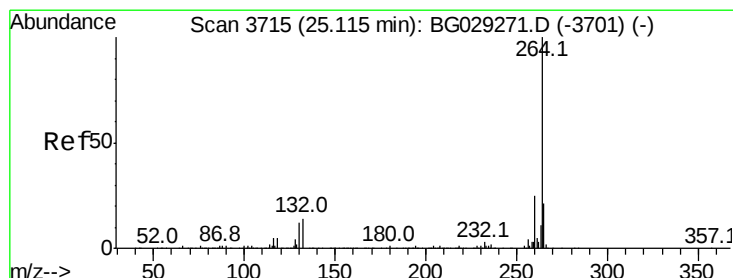
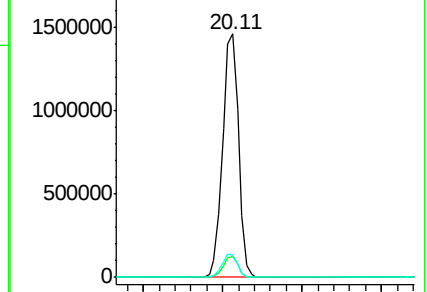
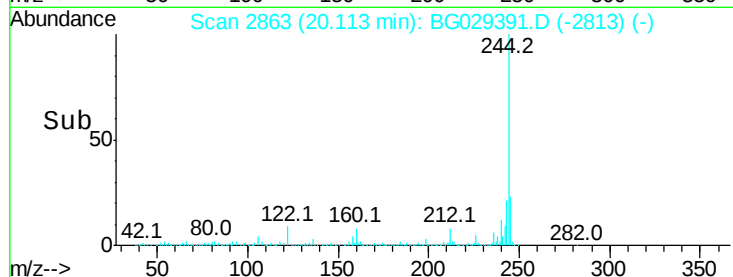
Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.8
122	9.3	7.0	10.4



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

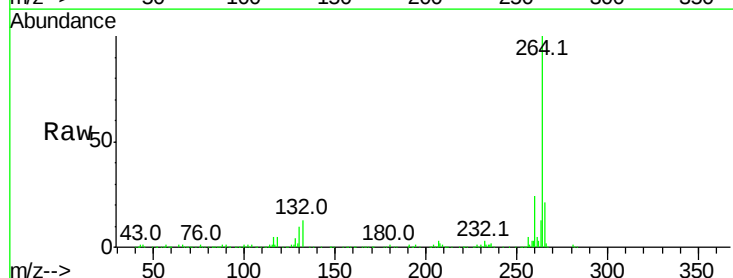
Delta R.T. -0.02 min

Lab File: BG029391.D

Acq: 21 Oct 2017 14:44

Tgt Ion:264 Resp: 495944

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.3	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

