

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 :
 COMP-1

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

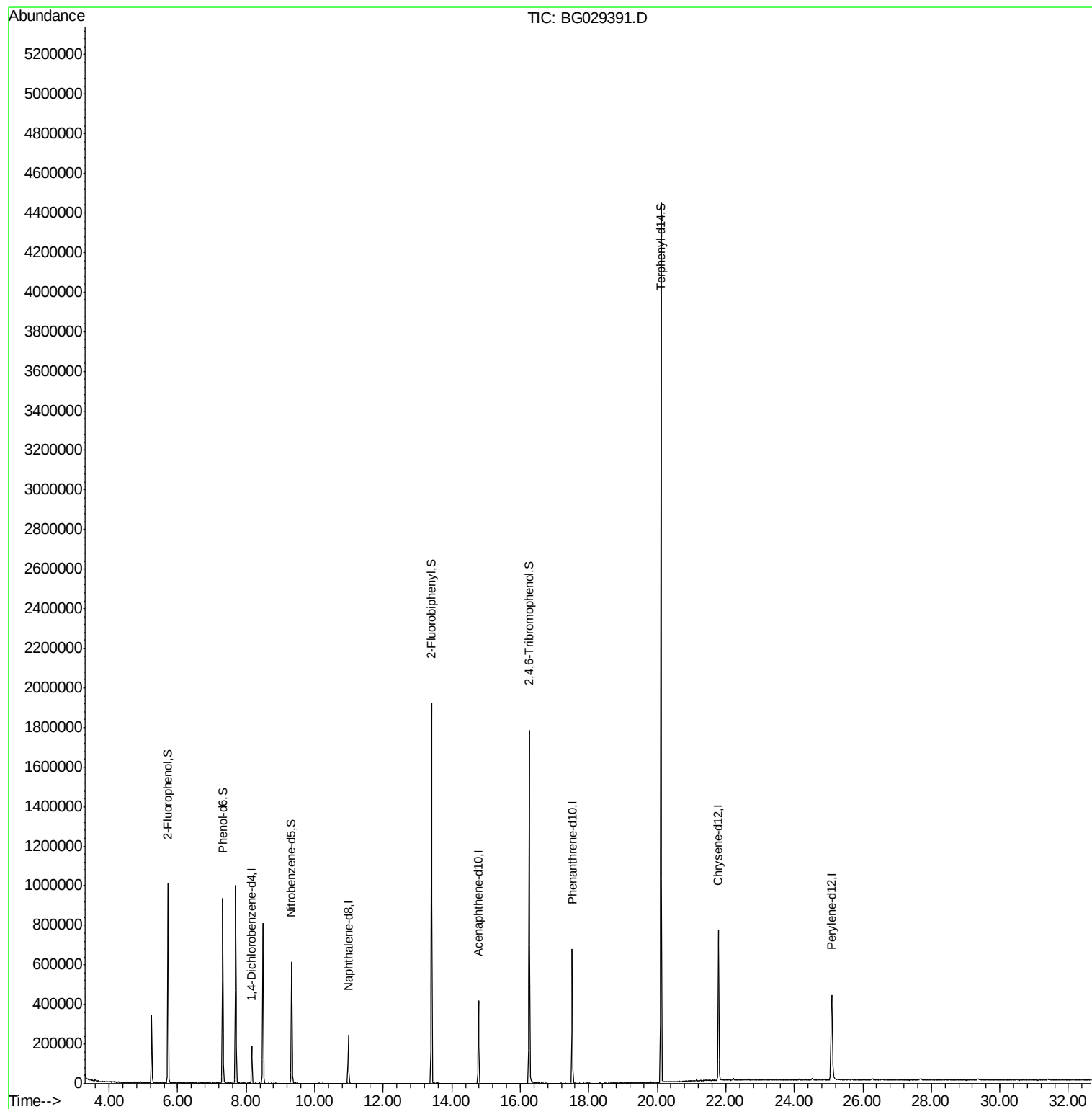
Target Compounds Qvalue

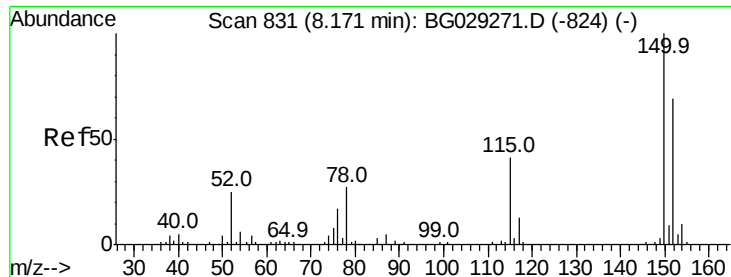
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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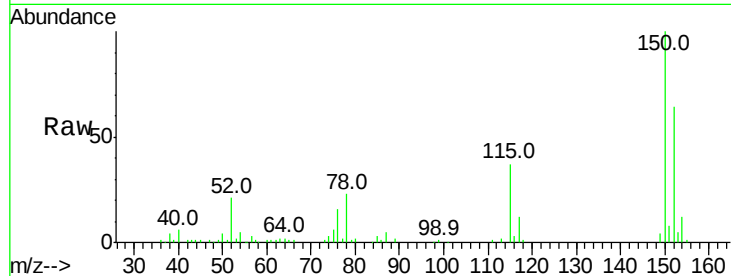


#1

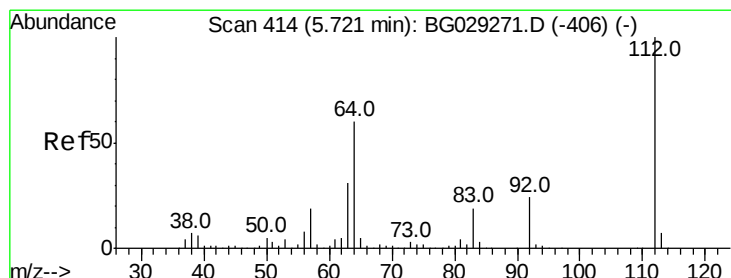
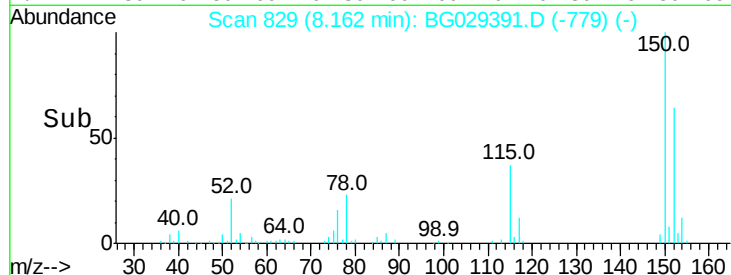
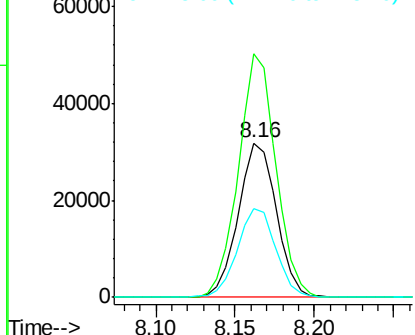
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG029391.D
Acq: 21 Oct 2017 14:44

Instrument :
BNA_G
ClientSampleId :
COMP-1

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



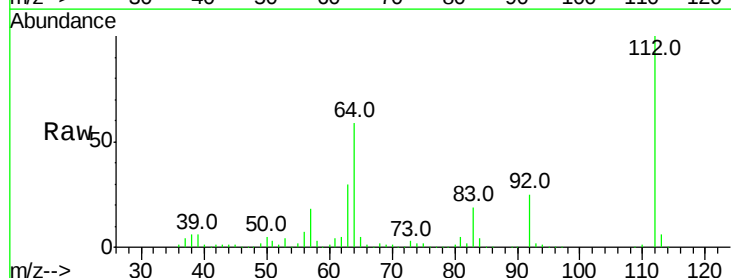
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



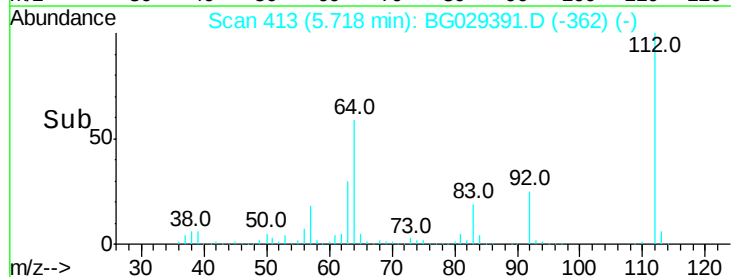
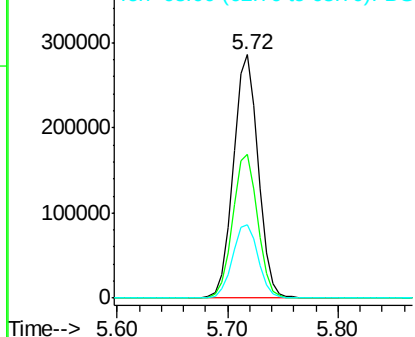
#5

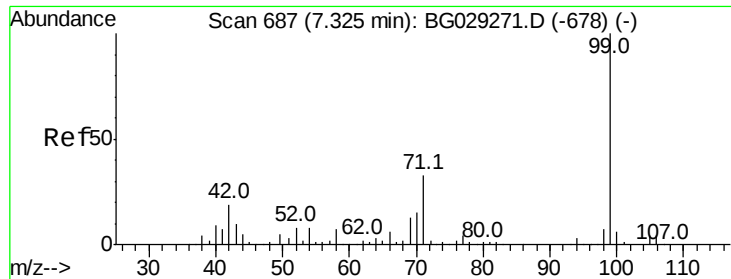
2-Fluorophenol
Concen: 141.971 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029391.D
Acq: 21 Oct 2017 14:44

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): BG
Ion 63.00 (62.70 to 63.70): BG





#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 :

COMP-1

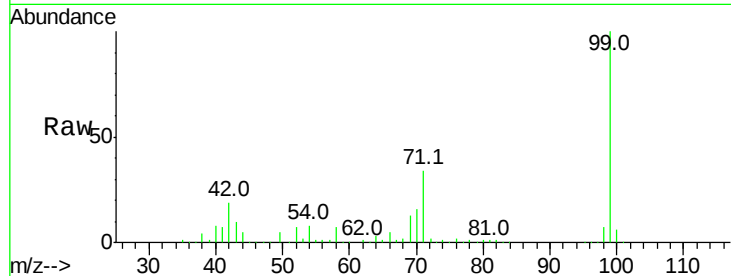
Tot Ion: 99 Resp: 541728

Ion Ratio Lower Upper

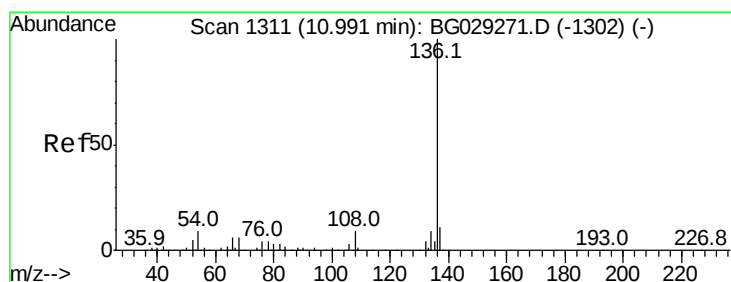
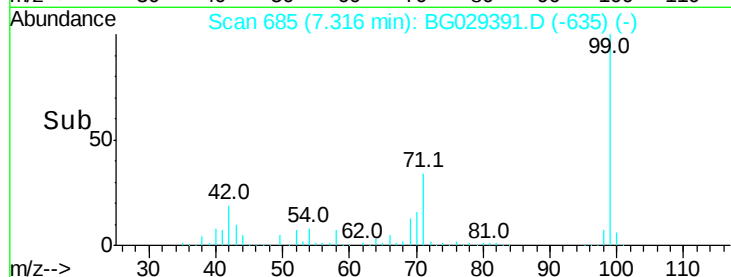
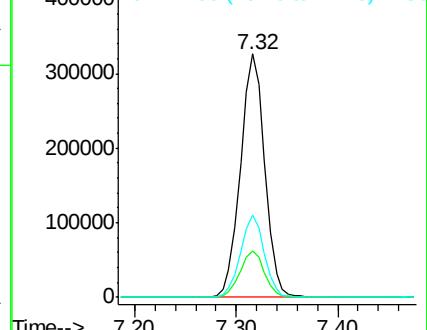
99 100

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

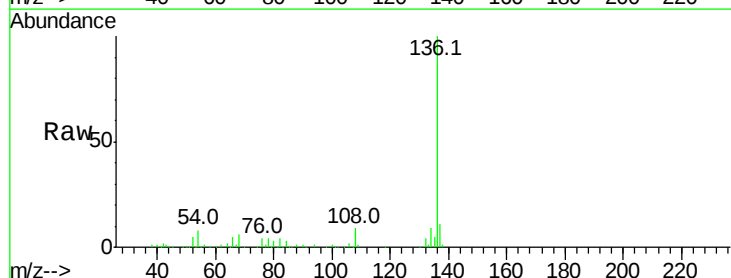
Ion Ratio Lower Upper

136 100

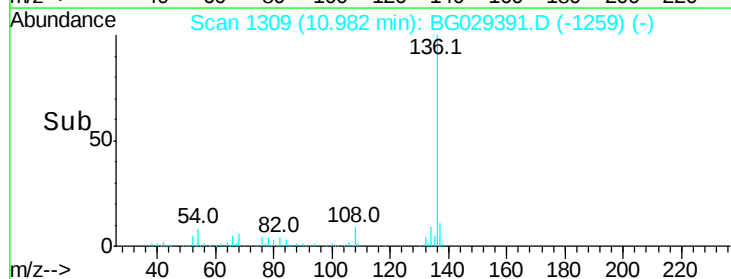
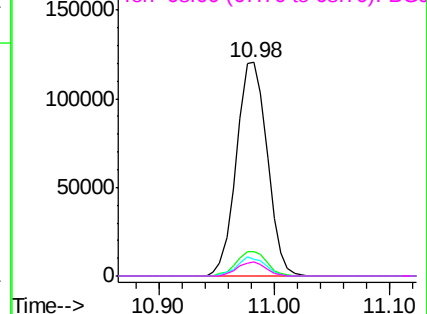
137 11.2 9.2 13.8

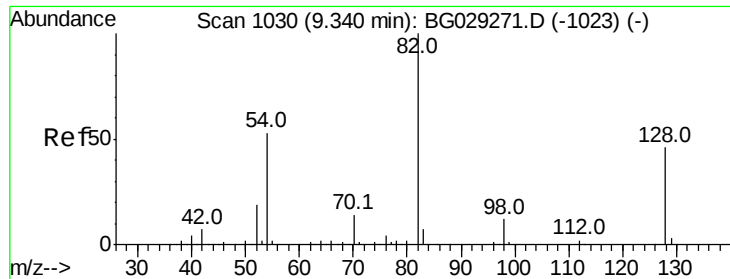
54 8.1 10.3 15.5#

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

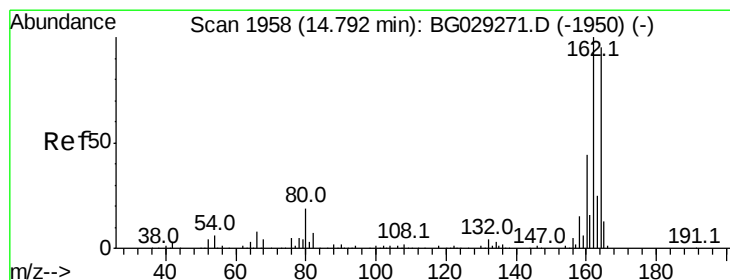
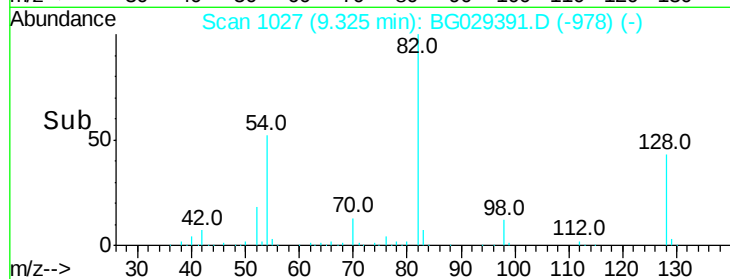
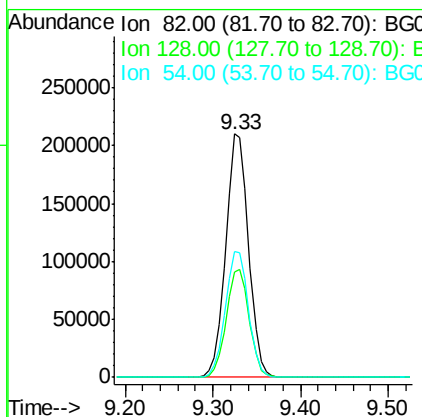
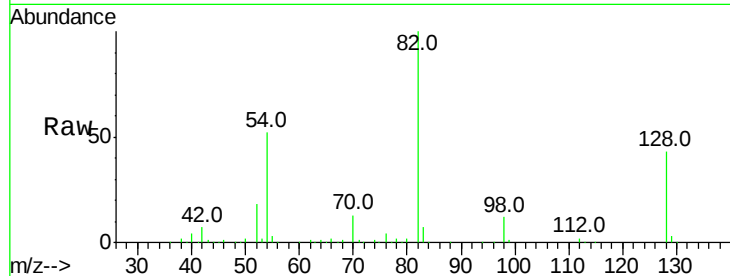




#23
Nitrobenzene-d5
Concen: 106.595 ng
RT: 9.33 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BG029391.D
Acq: 21 Oct 2017 14:44

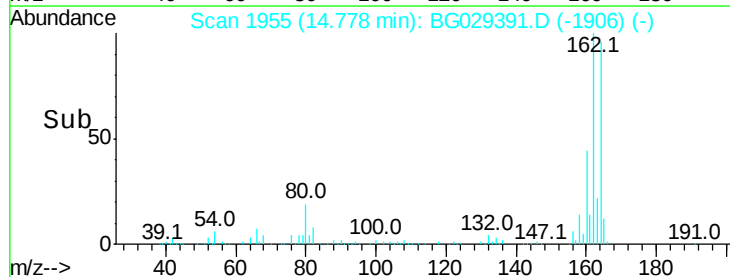
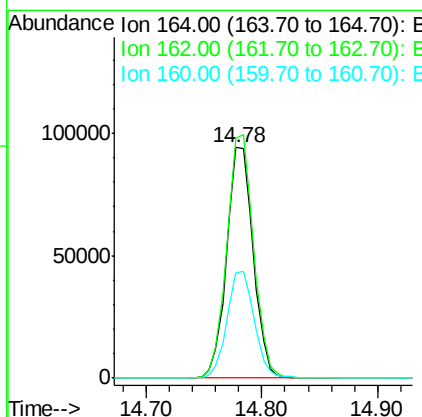
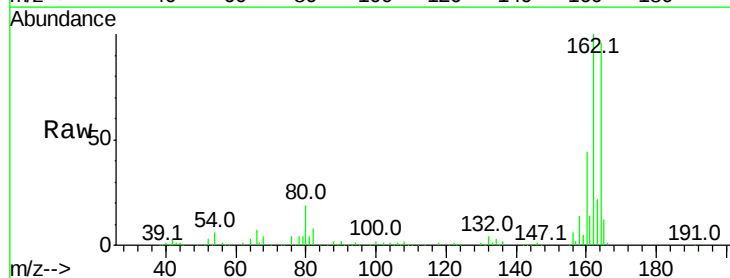
Instrument :
BNA_G
ClientSampleId :
COMP-1

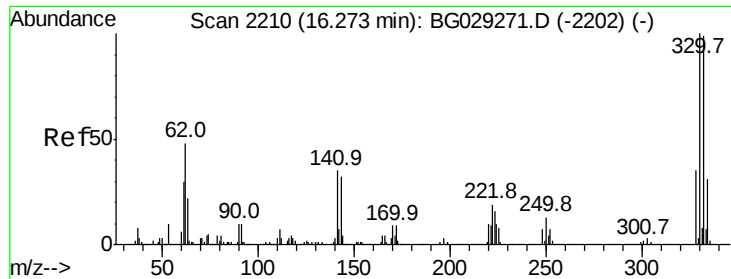
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.5	29.7	44.5
54	51.6	43.1	64.7



#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	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	45.7	35.4	53.0

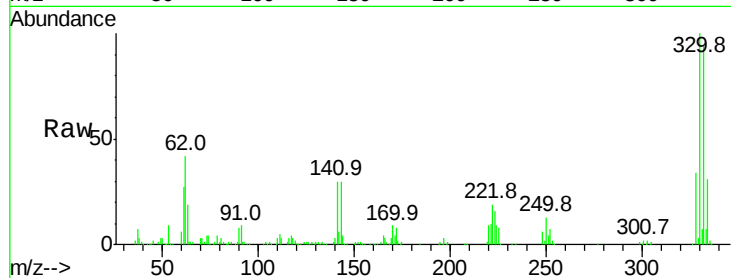




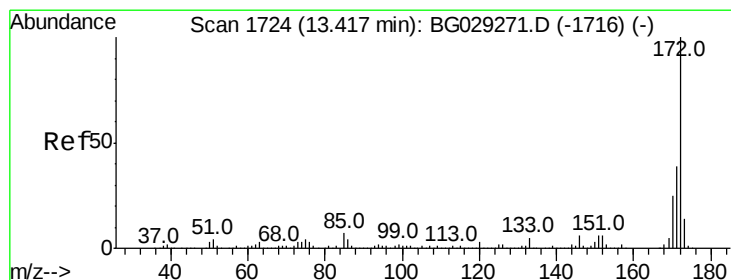
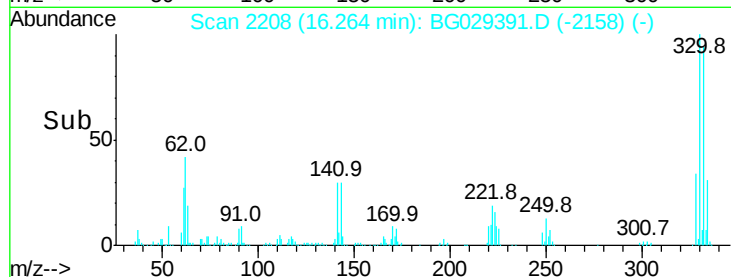
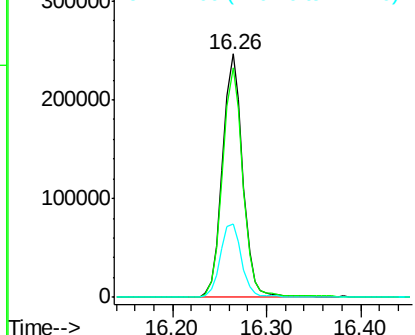
#41
 2,4,6-Tribromophenol
 Concen: 192.584 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029391.D
 Acq: 21 Oct 2017 14:44

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1

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

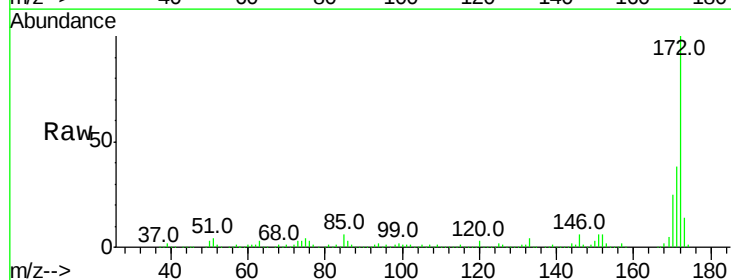


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

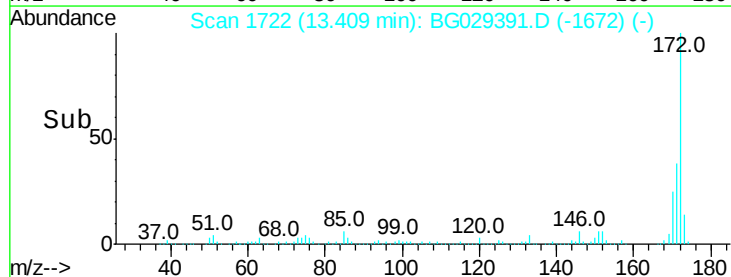
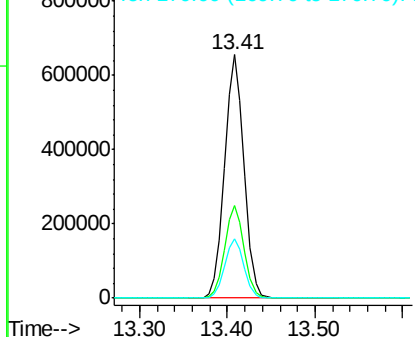


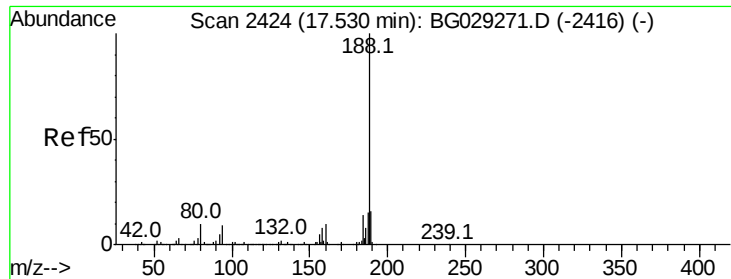
#44
 2-Fluorobiphenyl
 Concen: 97.925 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG029391.D
 Acq: 21 Oct 2017 14:44

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 :

COMP-1

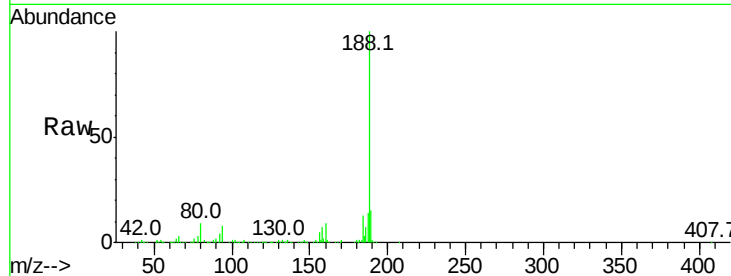
Tot Ion:188 Resp: 425732

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

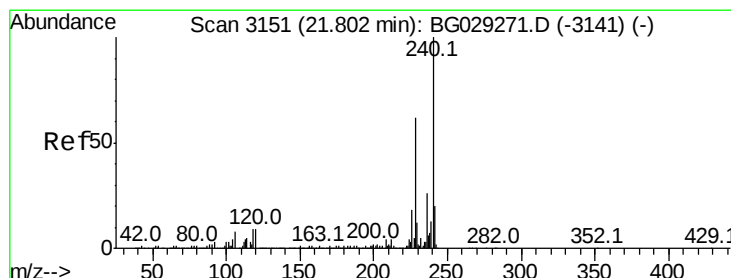
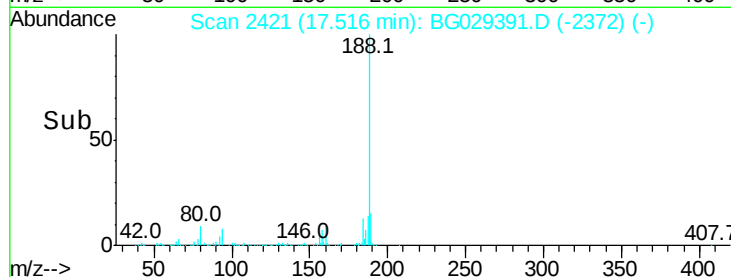
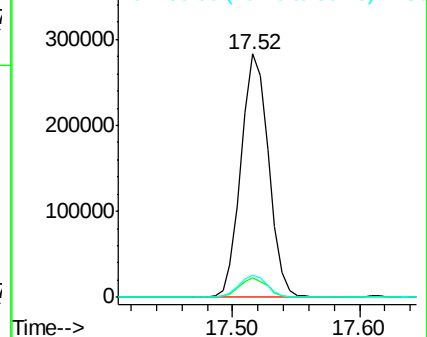
80 9.1 7.7 11.5



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

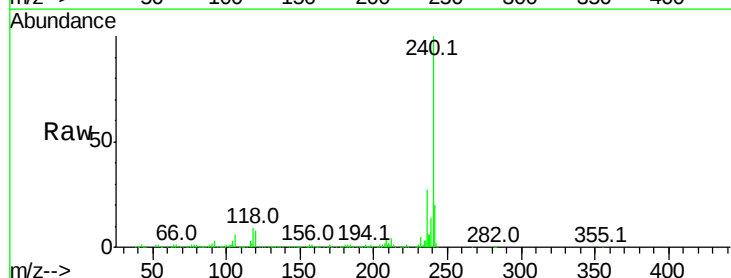
Tgt Ion:240 Resp: 484000

Ion Ratio Lower Upper

240 100

120 8.3 6.8 10.2

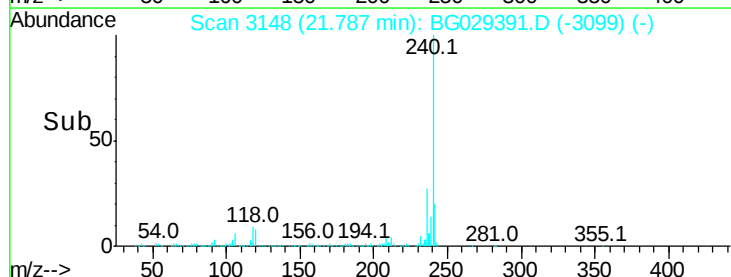
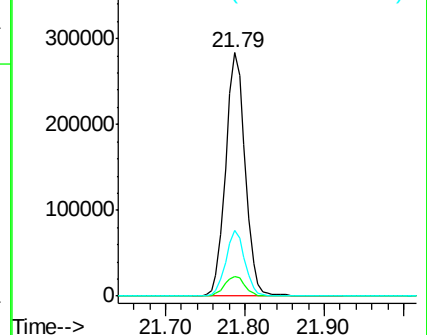
236 26.9 20.9 31.3

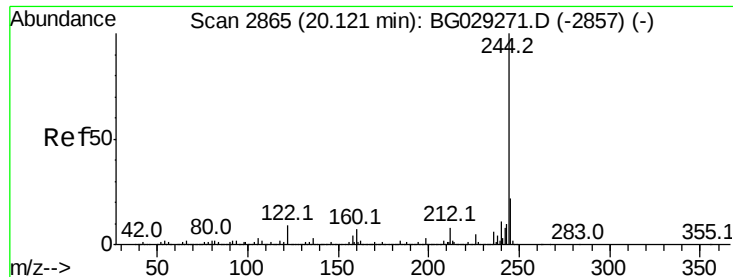


Abundance Ion 240.00 (239.70 to 240.70): E

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 :

COMP-1

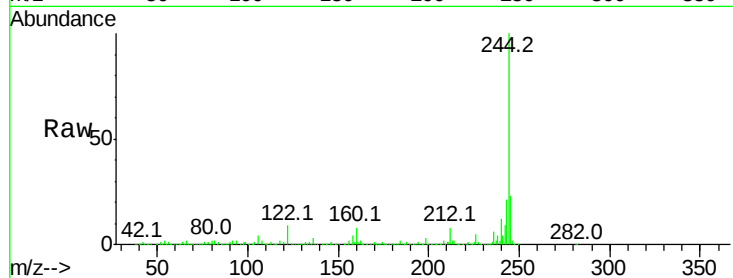
Tot Ion:244 Resp: 2031935

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

244 100

212 8.4 5.8 8.8

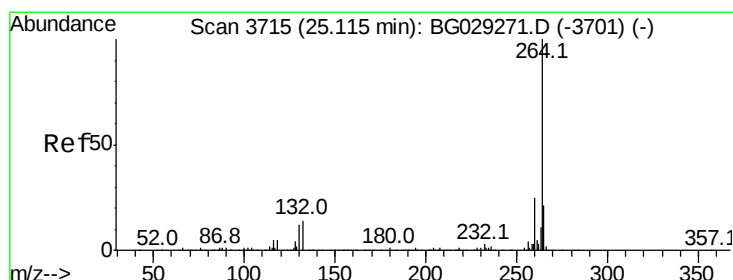
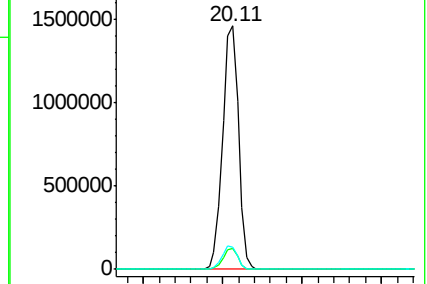
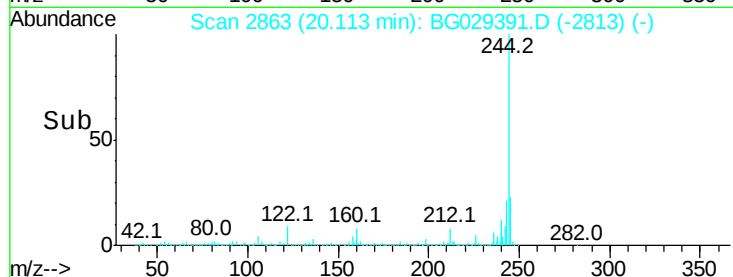
122 9.3 7.0 10.4



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

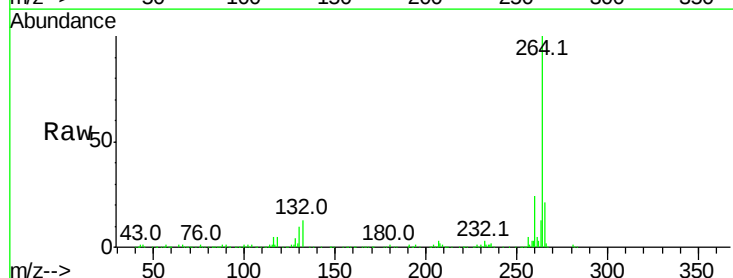
Tgt Ion:264 Resp: 495944

Ion	Ratio	Lower	Upper
264	100		
260	24.4	17.4	26.0
265	21.3	17.7	26.5

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

