

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030563.D
 Acq On : 29 Oct 2017 16:02
 Operator : SJ/JU
 Sample : I6171-06
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-C

Quant Time: Oct 30 08:22:28 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

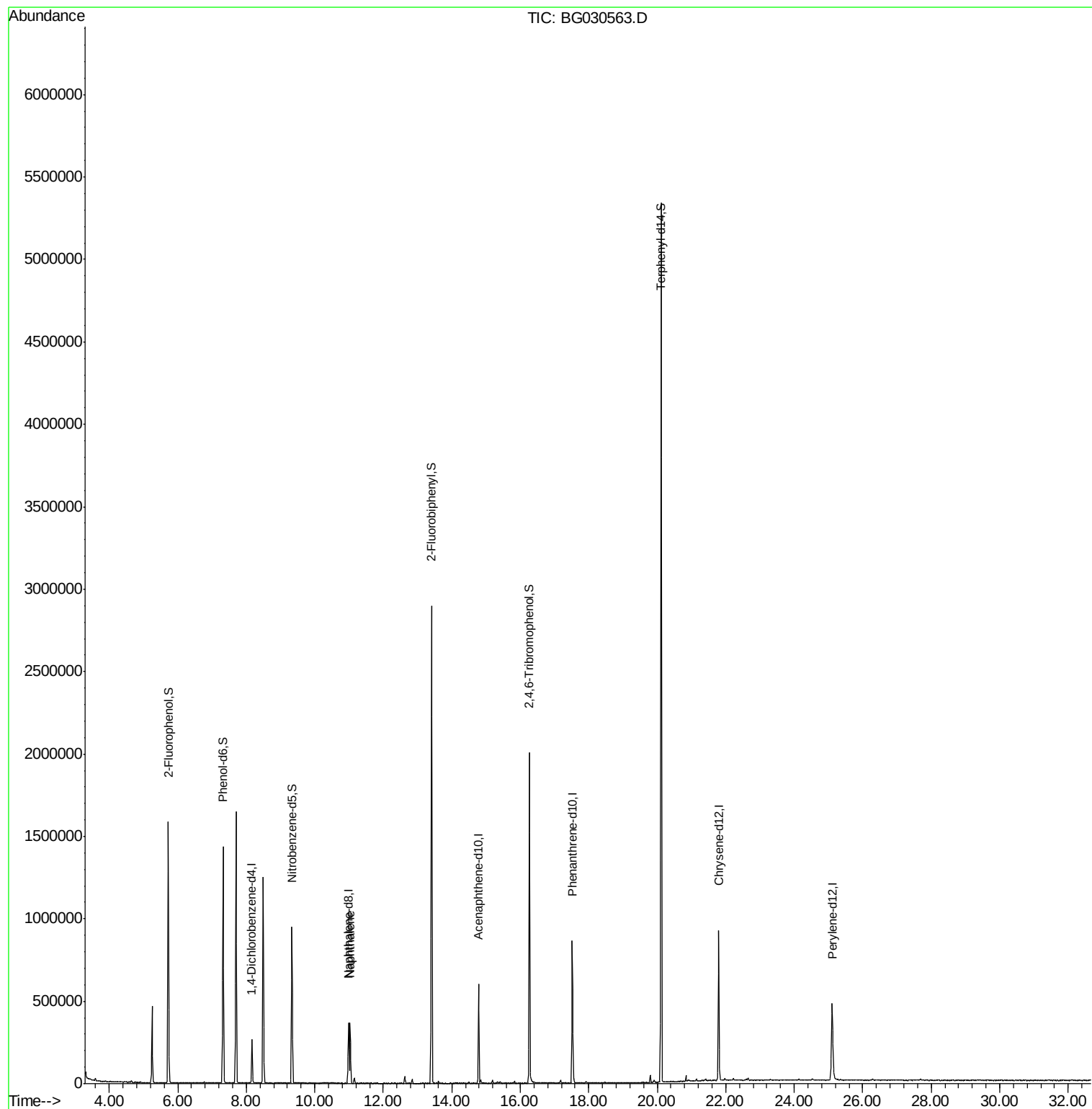
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	76441	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	327290	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	218369	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	539452	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	584304	20.00	ng	0.00
86) Perylene-d12	25.11	264	578640	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	715023	156.26	ng	0.00
7) Phenol-d6	7.32	99	891506	138.80	ng	0.00
23) Nitrobenzene-d5	9.33	82	582407	113.08	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	414790	147.12	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1520238	102.11	ng	0.00
78) Terphenyl-d14	20.11	244	2391622	93.12	ng	0.00
Target Compounds						
31) Naphthalene	11.03	128	316722	19.417	ng	Qvalue 97

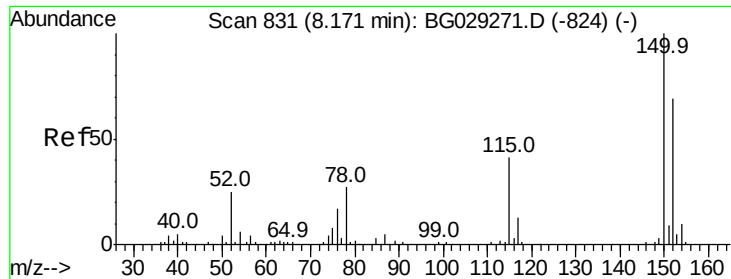
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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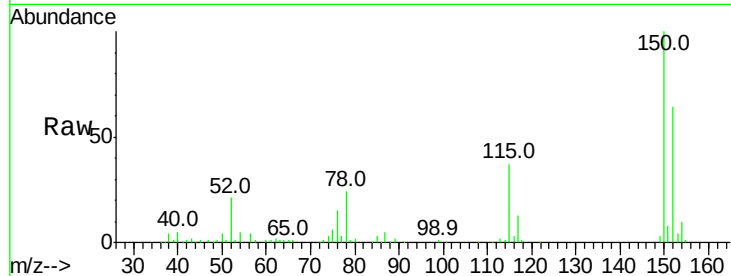


#1

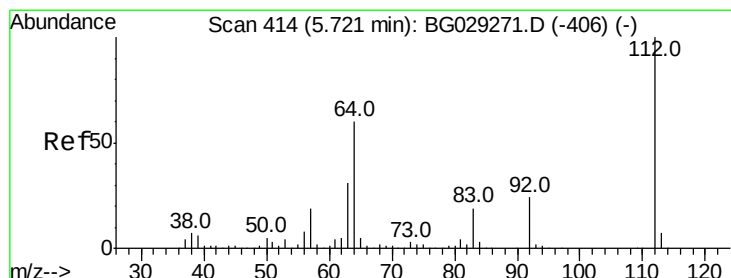
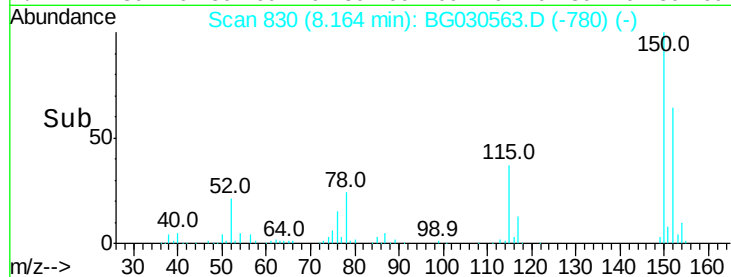
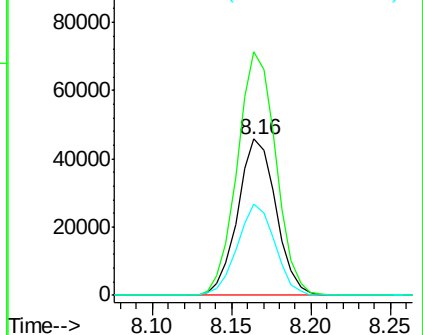
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :
CL-01-102617-C

Tot Ion:152 Resp: 76441
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 58.2 53.0 79.4



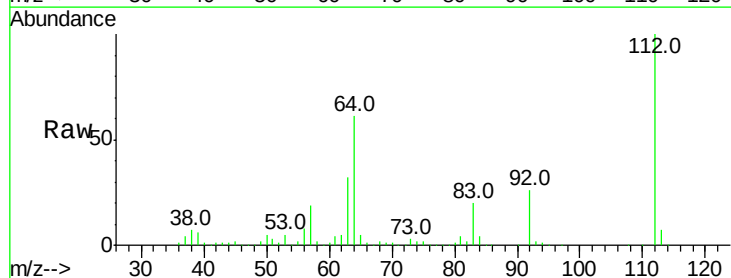
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



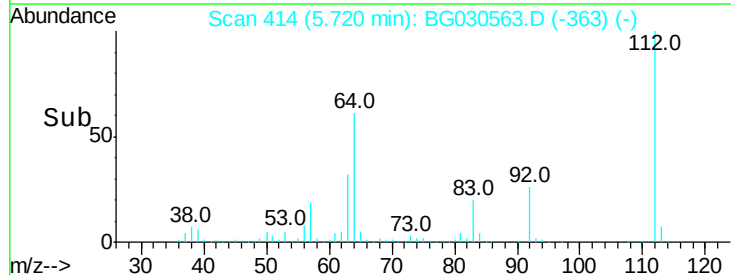
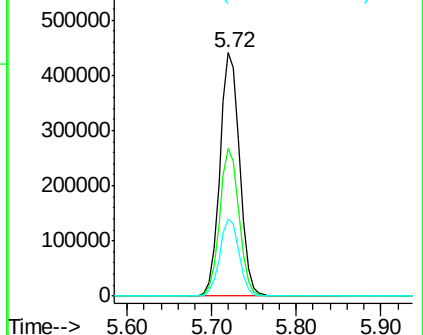
#5

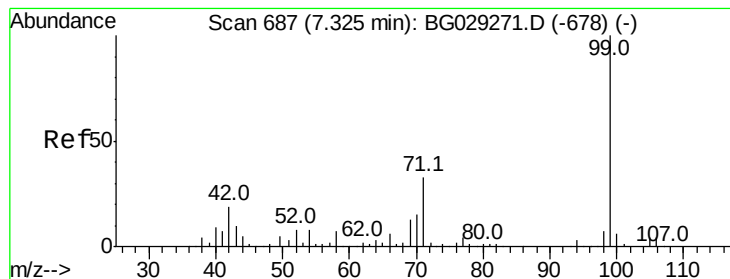
2-Fluorophenol
Concen: 156.262 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Tgt Ion:112 Resp: 715023
Ion Ratio Lower Upper
112 100
64 60.5 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 138.802 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-C

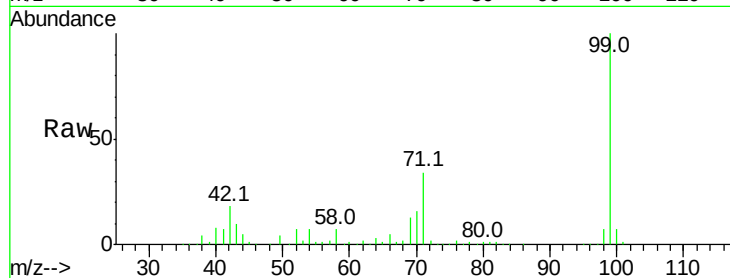
Tot Ion: 99 Resp: 891506

Ion Ratio Lower Upper

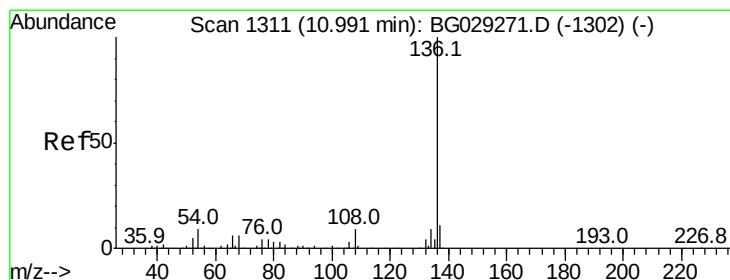
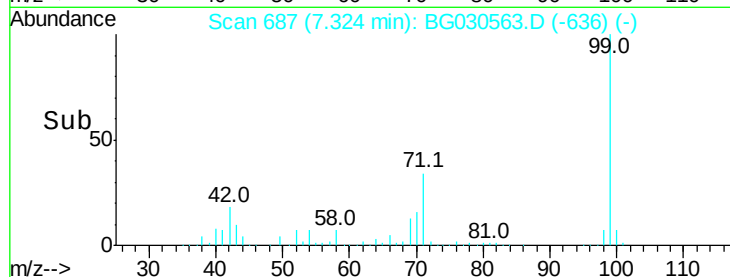
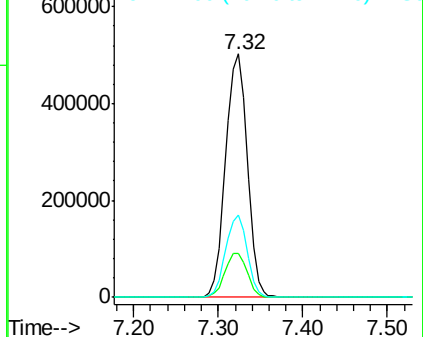
99 100

42 18.3 14.1 21.1

71 33.6 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# 1310

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

Tgt Ion: 136 Resp: 327290

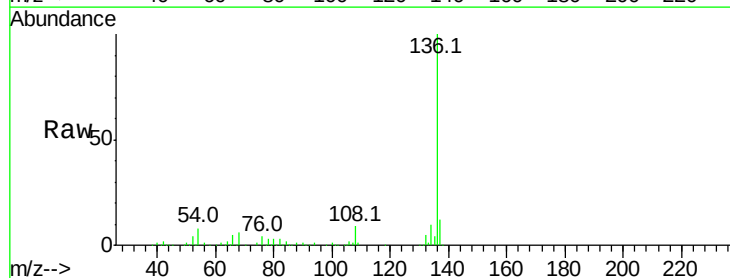
Ion Ratio Lower Upper

136 100

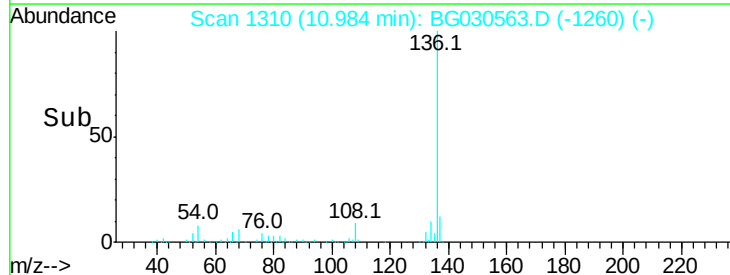
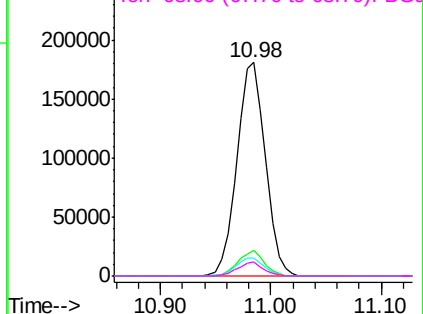
137 12.0 9.2 13.8

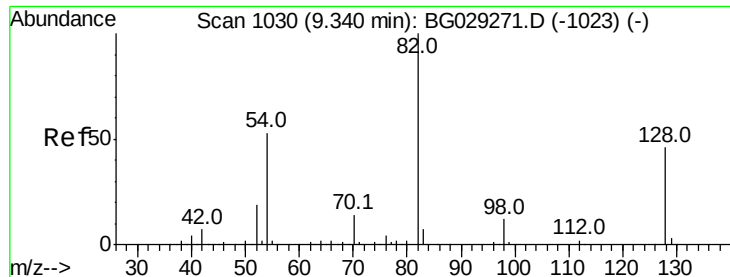
54 8.3 10.3 15.5#

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

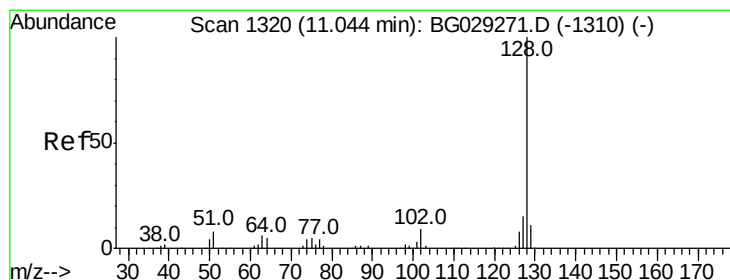
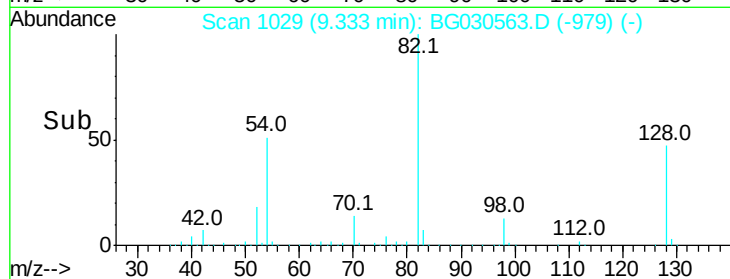
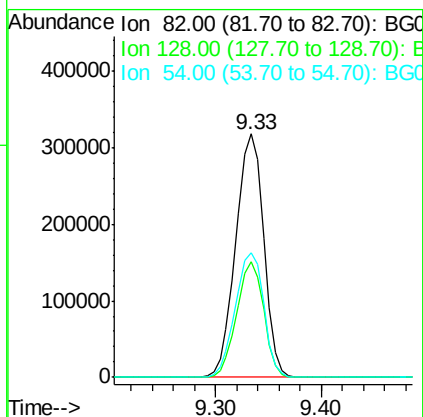
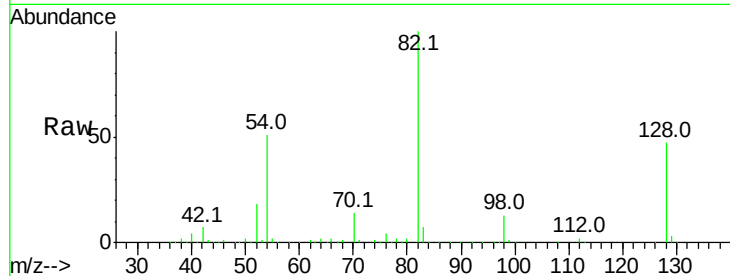




#23
Nitrobenzene-d5
Concen: 113.081 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

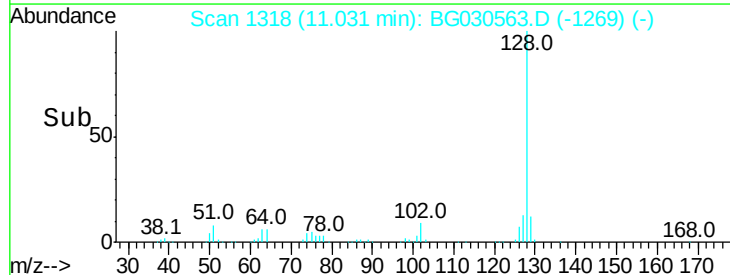
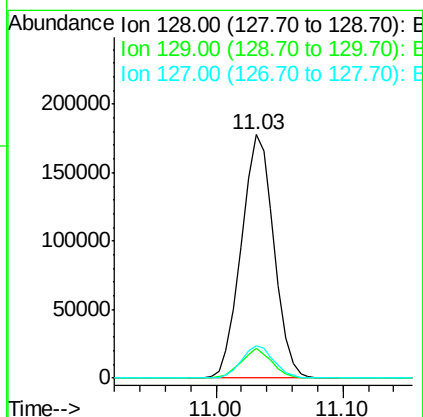
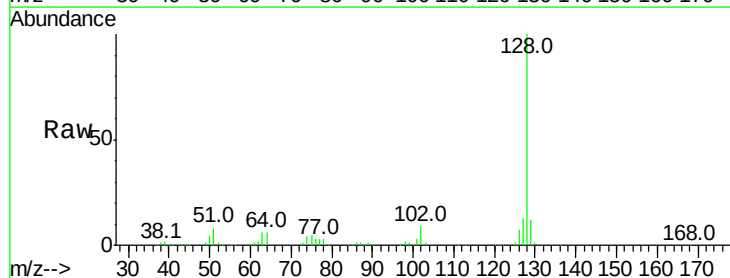
Instrument :
BNA_G
ClientSampleId :
CL-01-102617-C

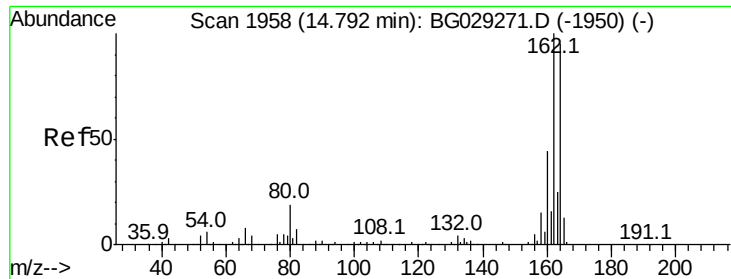
Tot Ion: 82 Resp: 582407
Ion Ratio Lower Upper
82 100
128 47.4 29.7 44.5#
54 51.4 43.1 64.7



#31
Naphthalene
Concen: 19.417 ng
RT: 11.03 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Tgt Ion: 128 Resp: 316722
Ion Ratio Lower Upper
128 100
129 12.0 8.6 12.8
127 13.5 11.6 17.4

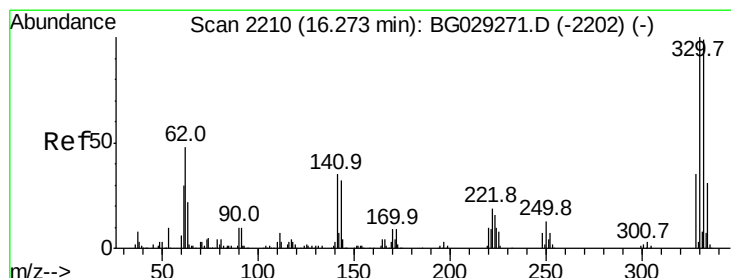
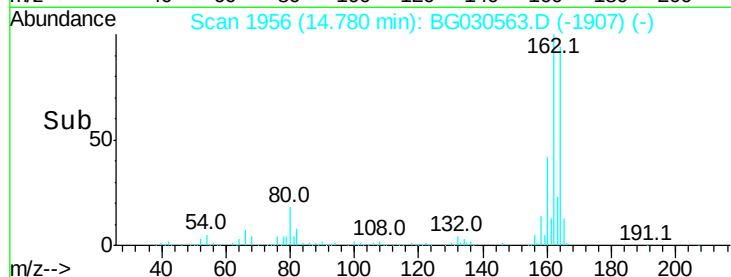
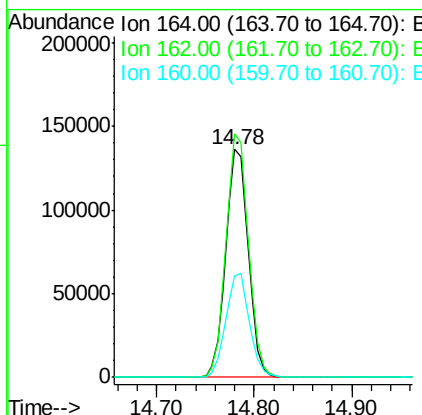
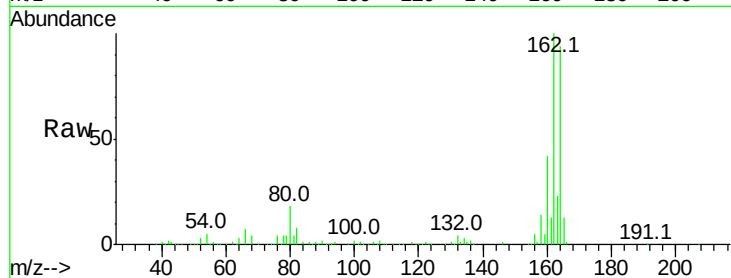




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030563.D
 Acq: 29 Oct 2017 16:02

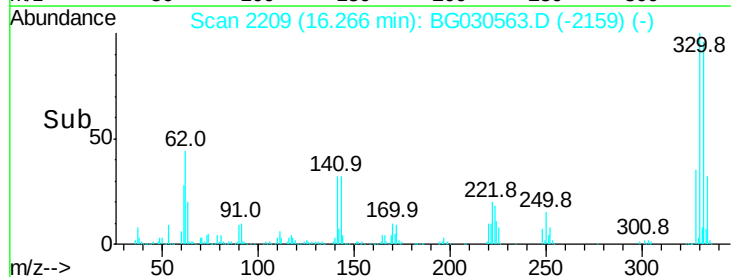
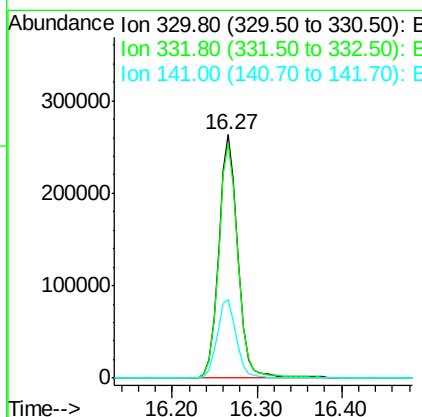
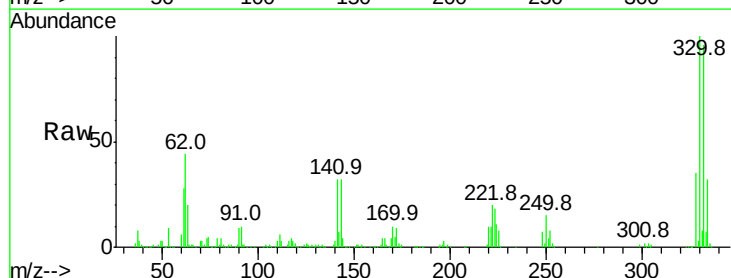
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-C

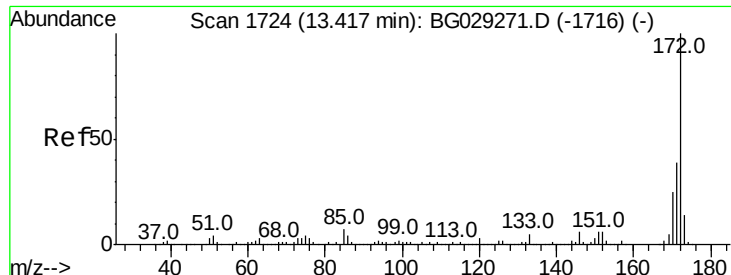
Tot Ion	Ratio	Lower	Upper
164	100		
162	106.9	78.8	118.2
160	44.8	35.4	53.0



#41
 2,4,6-Tribromophenol
 Concen: 147.122 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030563.D
 Acq: 29 Oct 2017 16:02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	32.9	25.2	37.8



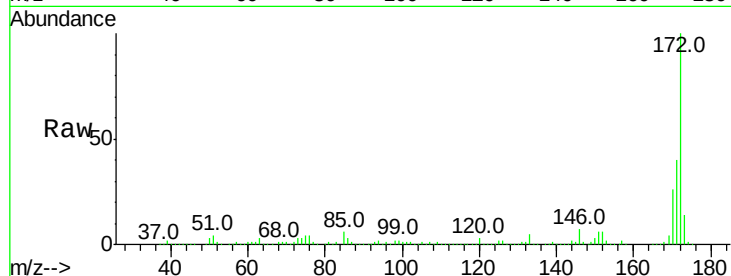


#44
 2-Fluorobiphenyl
 Concen: 102.105 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030563.D
 Acq: 29 Oct 2017 16:02

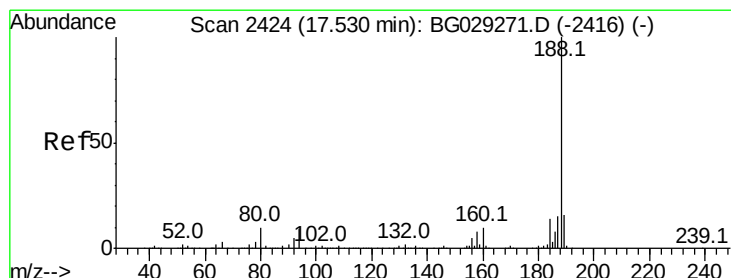
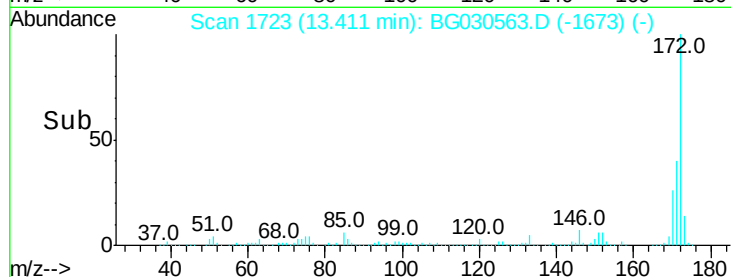
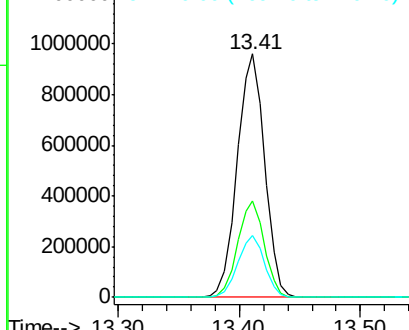
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-C

Tot Ion:172 Resp: 1520238

Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.7	19.5	29.3



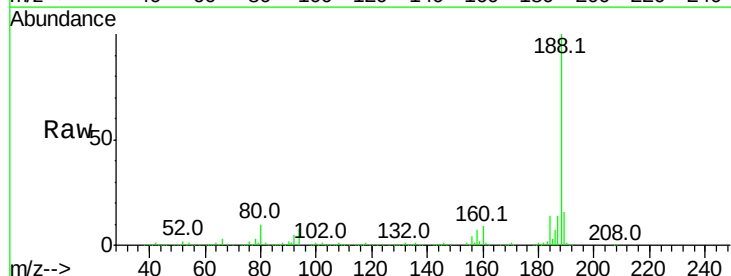
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



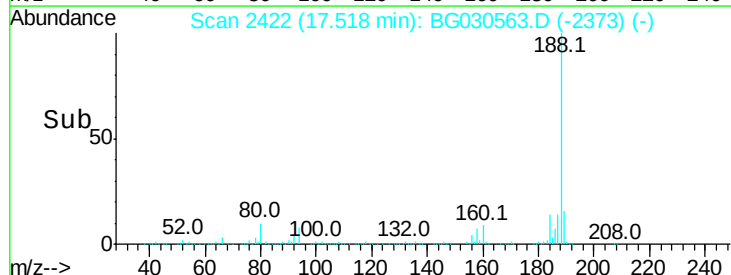
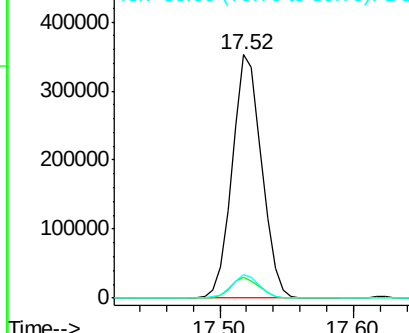
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2422
 Delta R.T. -0.01 min
 Lab File: BG030563.D
 Acq: 29 Oct 2017 16:02

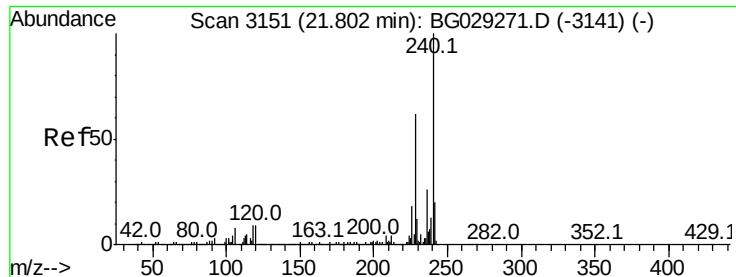
Tgt Ion:188 Resp: 539452

Ion	Ratio	Lower	Upper
188	100		
94	8.4	6.9	10.3
80	9.6	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: 21.80 min Scan# 3150

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-C

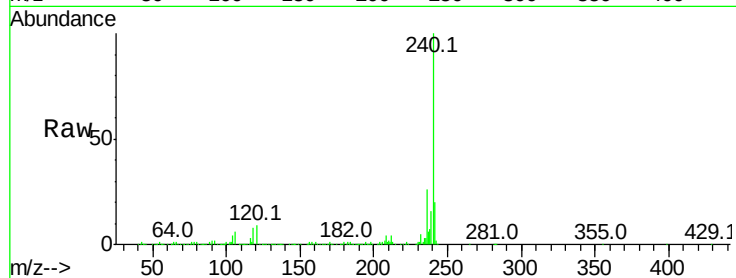
Tot Ion:240 Resp: 584304

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

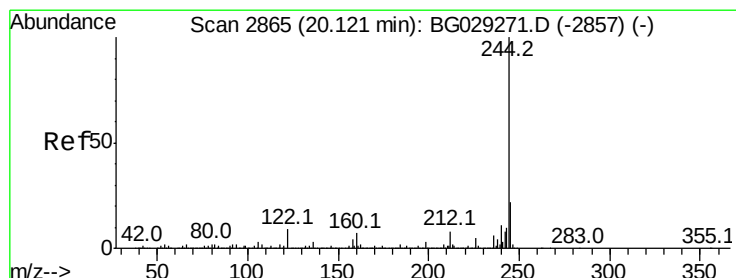
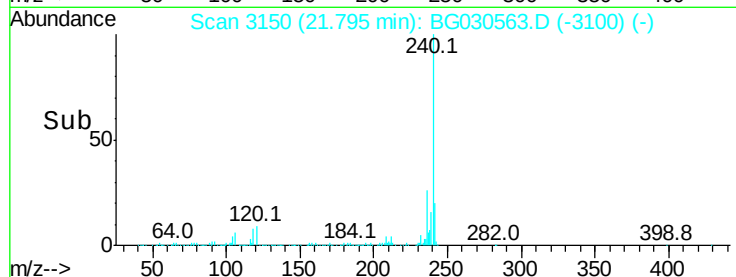
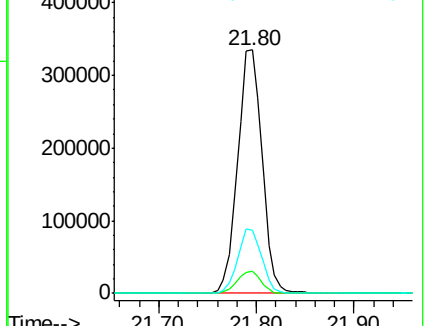
236 26.1 20.9 31.3



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: 93.115 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030563.D

Acq: 29 Oct 2017 16:02

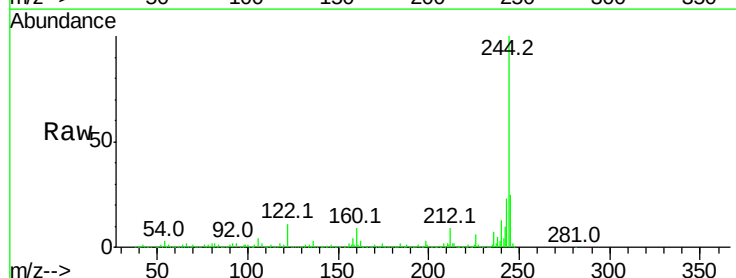
Tgt Ion:244 Resp: 2391622

Ion Ratio Lower Upper

244 100

212 9.0 5.8 8.8#

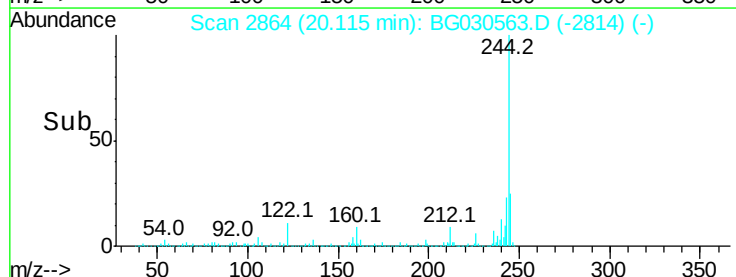
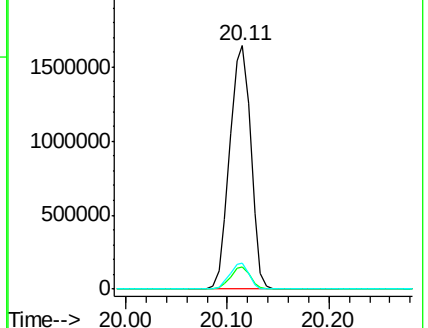
122 10.6 7.0 10.4#

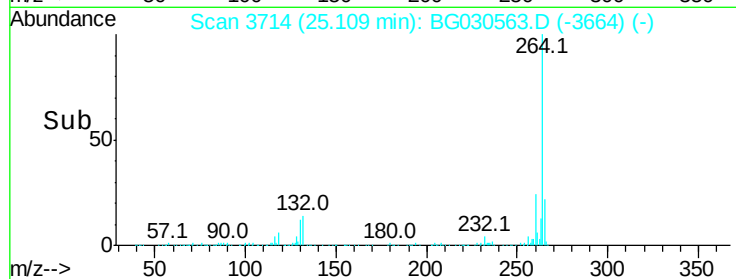
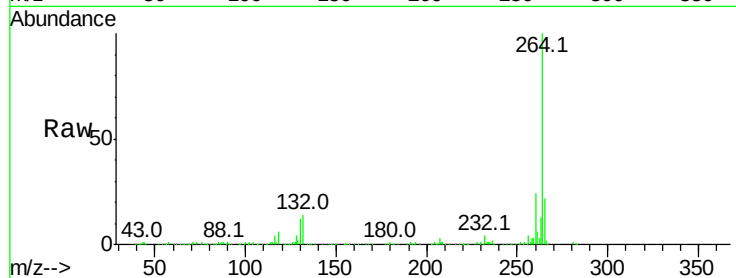
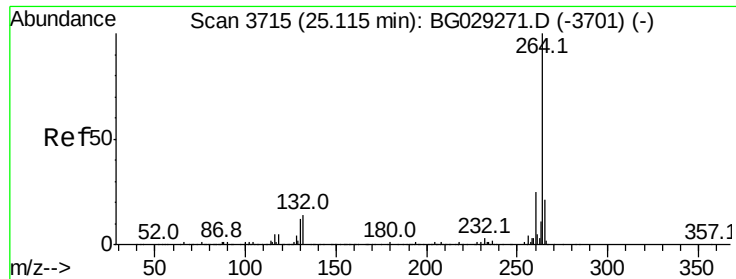


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG030563.D
Acq: 29 Oct 2017 16:02

Instrument :
BNA_G
ClientSampleId :
CL-01-102617-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	17.4	26.0
265	21.9	17.7	26.5

