

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027322.D
 Acq On : 8 Jun 2017 18:20
 Operator : SJ/MA
 Sample : I3460-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 08 18:57:42 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 08 17:56:11 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	43524	20.00	ng	0.00
21) Naphthalene-d8	11.38	136	206820	20.00	ng	0.00
38) Acenaphthene-d10	15.14	164	135644	20.00	ng	0.00
63) Phenanthrene-d10	17.89	188	345525	20.00	ng	0.00
75) Chrysene-d12	22.27	240	396668	20.00	ng	0.00
86) Perylene-d12	25.96	264	367622	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	178426	62.56	ng	0.00
7) Phenol-d6	7.69	99	155267	37.09	ng	0.00
23) Nitrobenzene-d5	9.72	82	356655	108.45	ng	0.00
41) 2,4,6-Tribromophenol	16.62	330	296421	165.95	ng	0.00
44) 2-Fluorobiphenyl	13.76	172	852951	87.97	ng	0.00
78) Terphenyl-d14	20.47	244	1545278	99.38	ng	0.00

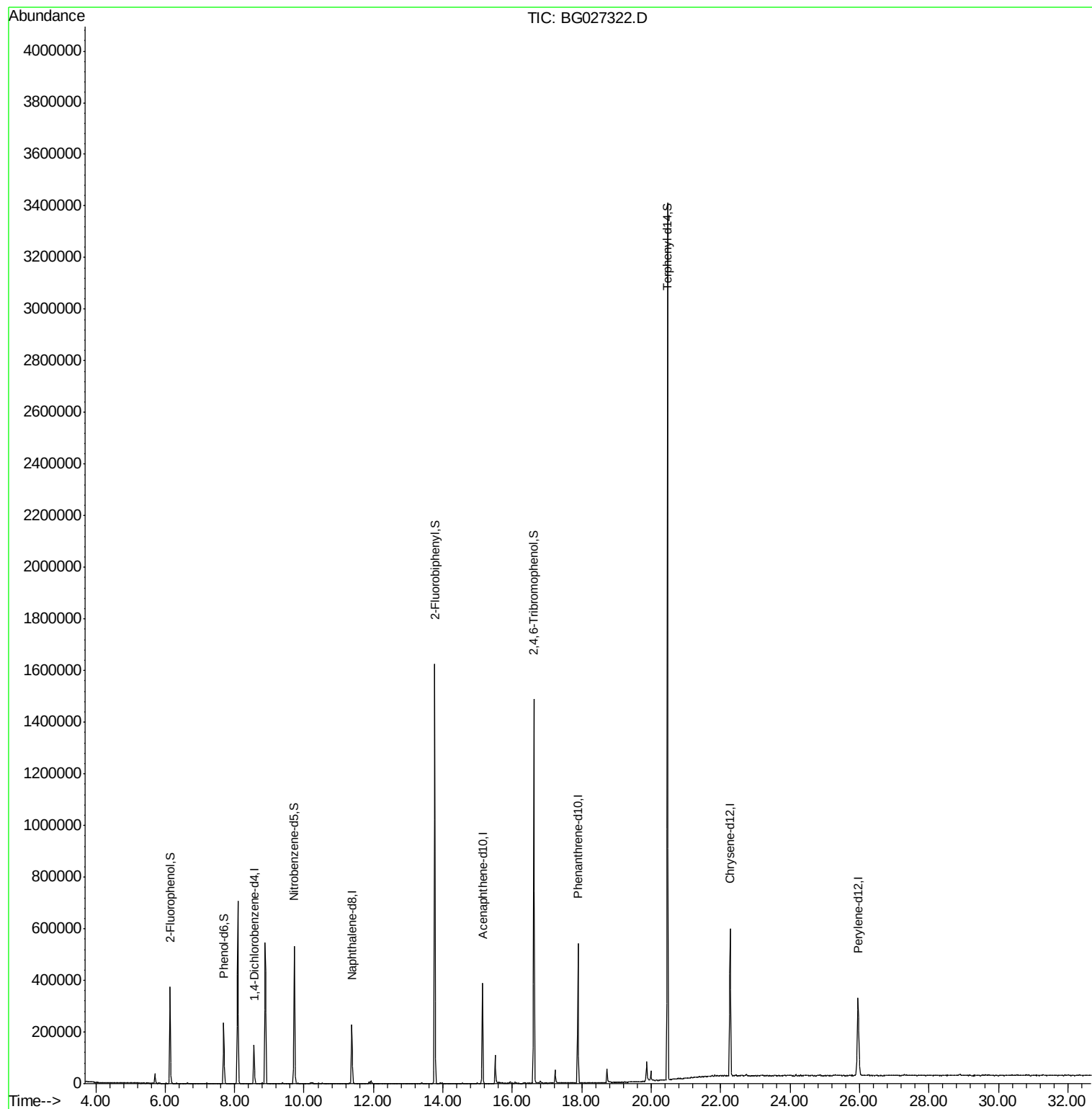
Target Compounds Qvalue

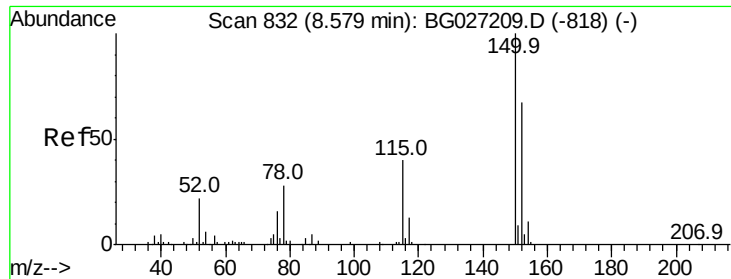
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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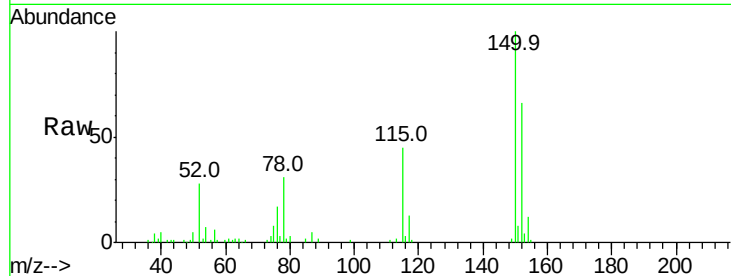


#1

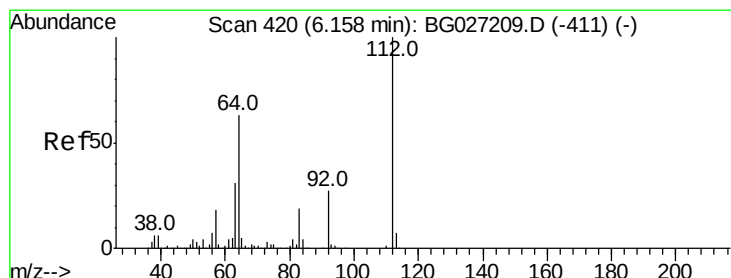
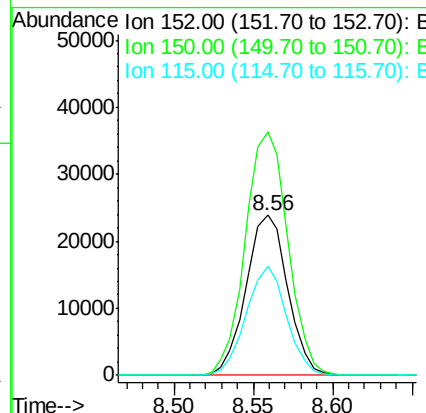
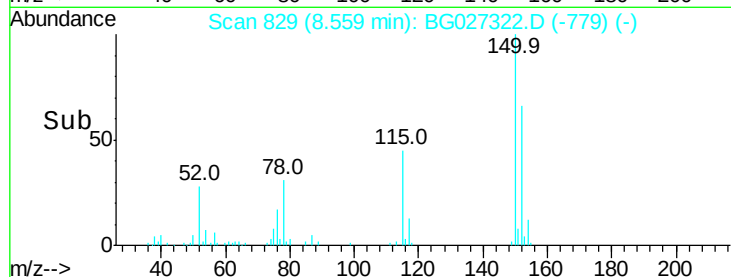
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG027322.D
Acq: 8 Jun 2017 18:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 43524
Ion Ratio Lower Upper
152 100
150 152.0 114.0 171.0
115 68.0 48.1 72.1



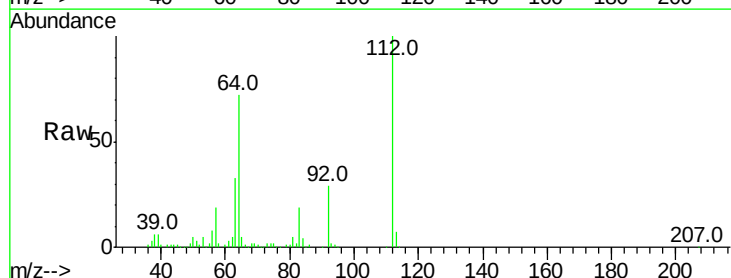
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



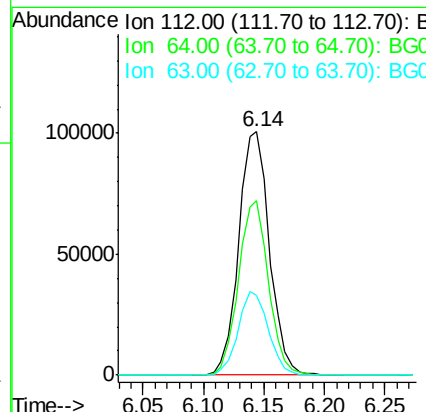
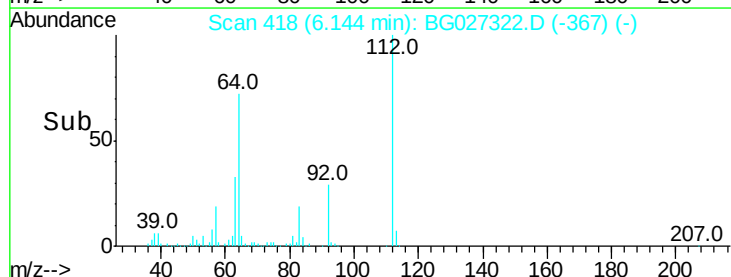
#5

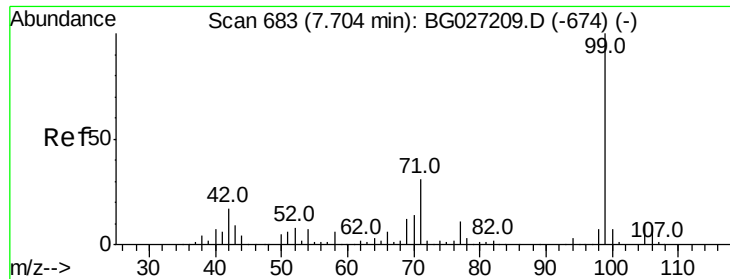
2-Fluorophenol
Concen: 62.56 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG027322.D
Acq: 8 Jun 2017 18:20

Tgt Ion:112 Resp: 178426
Ion Ratio Lower Upper
112 100
64 71.6 61.8 92.6
63 33.0 37.2 55.8#



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: 37.09 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.00 min

Lab File: BG027322.D

Acq: 8 Jun 2017 18:20

Instrument :

BNA_G

ClientSampleId :

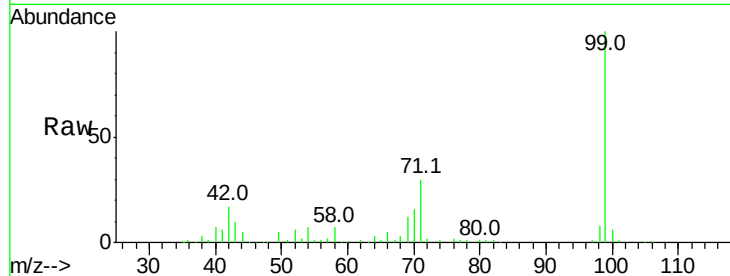
Tot Ion: 99 Resp: 155267

Ion Ratio Lower Upper

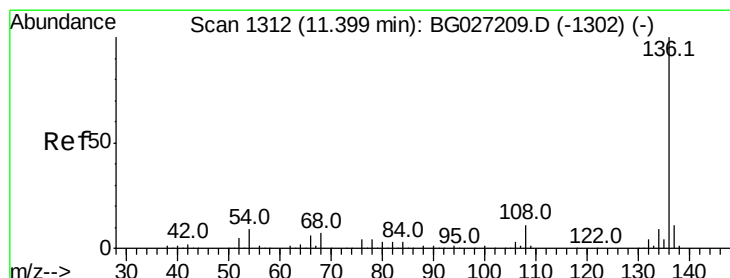
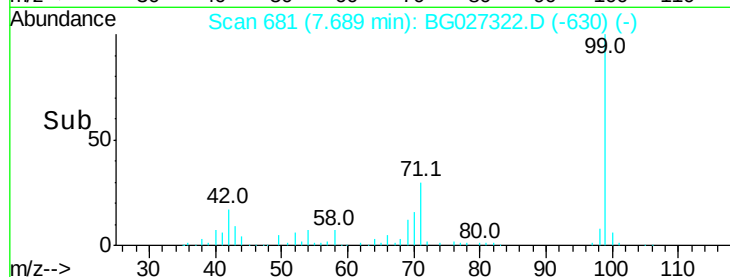
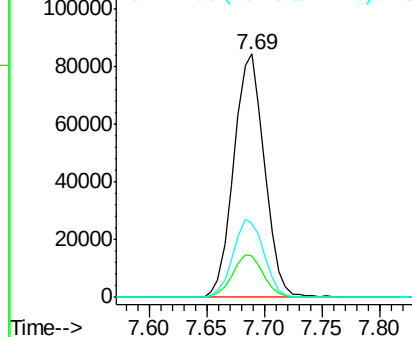
99 100

42 16.8 20.5 30.7#

71 30.1 37.6 56.4#



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: 11.38 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BG027322.D

Acq: 8 Jun 2017 18:20

Tgt Ion: 136 Resp: 206820

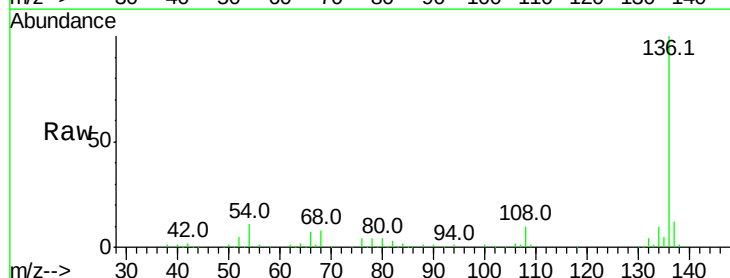
Ion Ratio Lower Upper

136 100

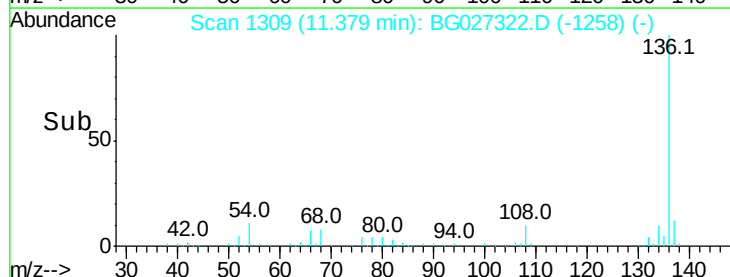
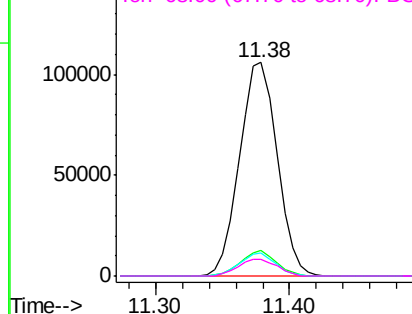
137 11.7 8.9 13.3

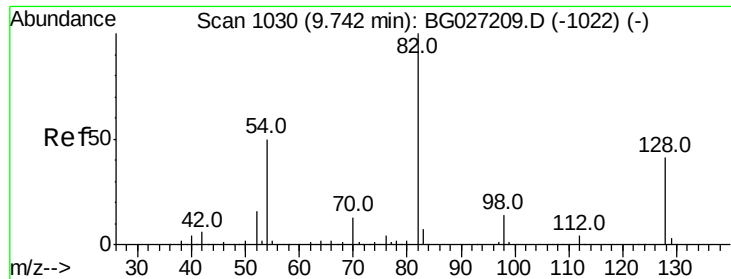
54 10.6 9.3 13.9

68 8.1 5.1 7.7#



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

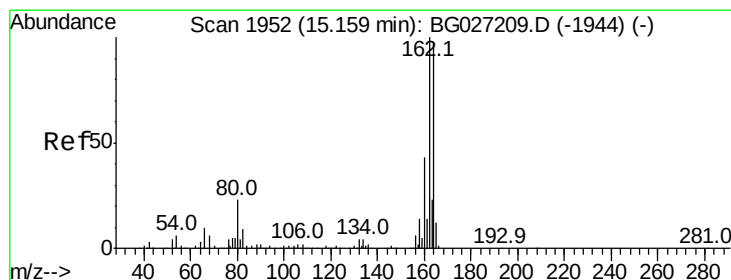
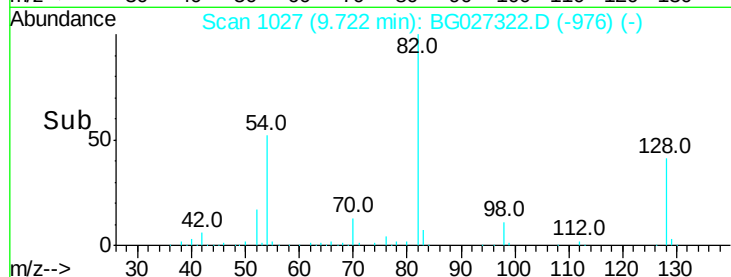
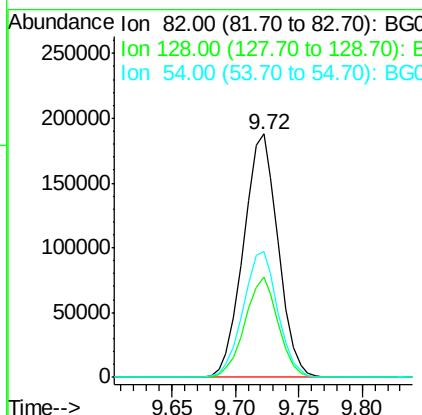
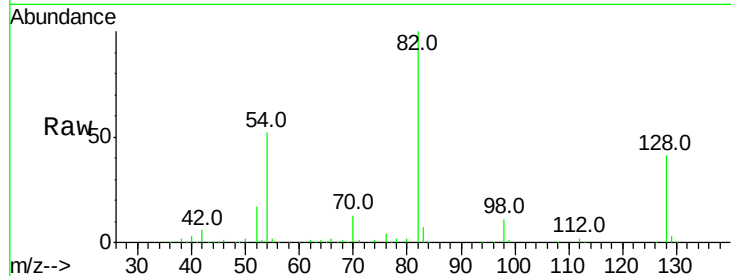




#23
Nitrobenzene-d5
Concen: 108.45 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.00 min
Lab File: BG027322.D
Acq: 8 Jun 2017 18:20

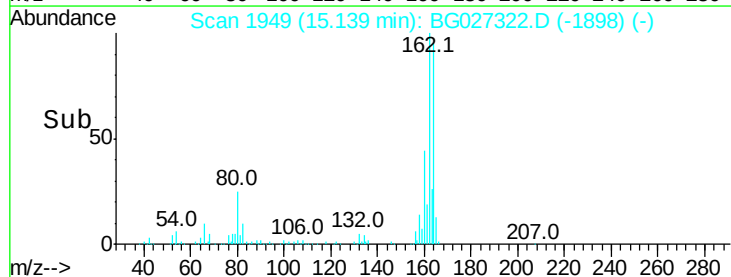
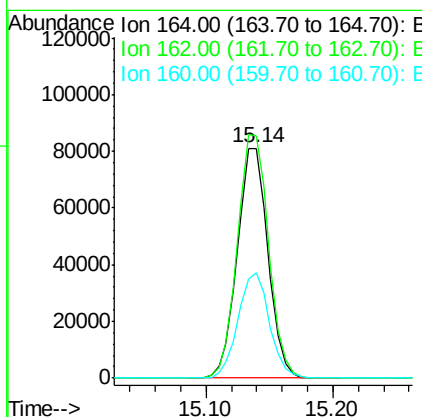
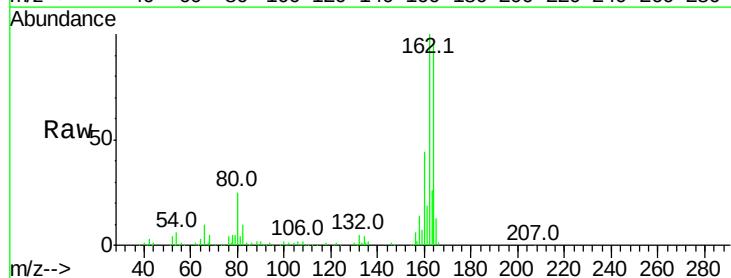
Instrument :
BNA_G
ClientSampleId :

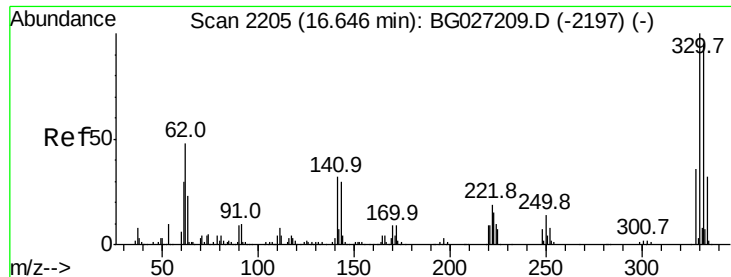
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	26.4	39.6
54	51.8	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.14 min Scan# 1949
Delta R.T. -0.00 min
Lab File: BG027322.D
Acq: 8 Jun 2017 18:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	46.1	34.7	52.1

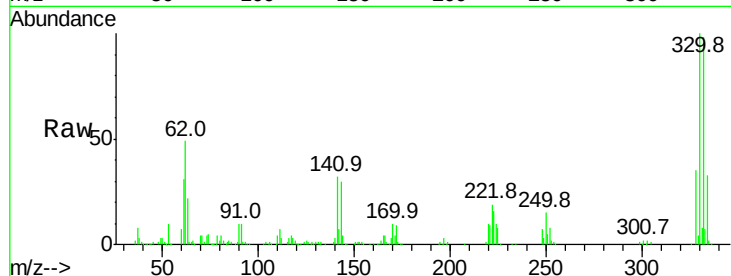




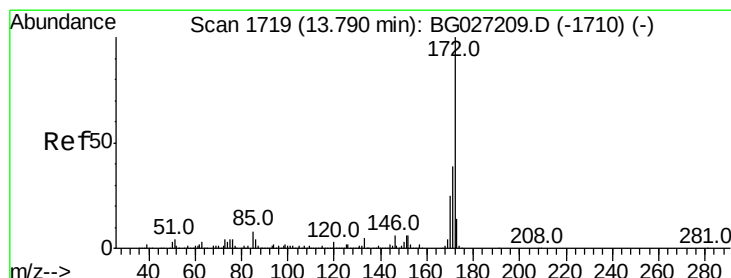
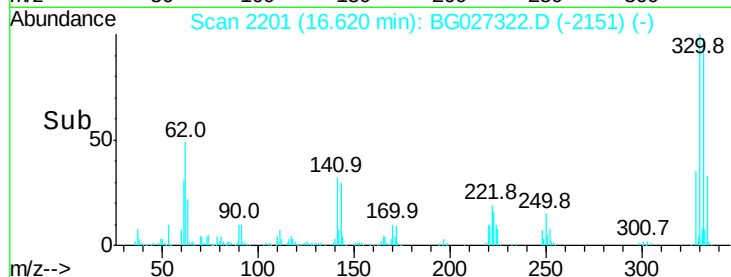
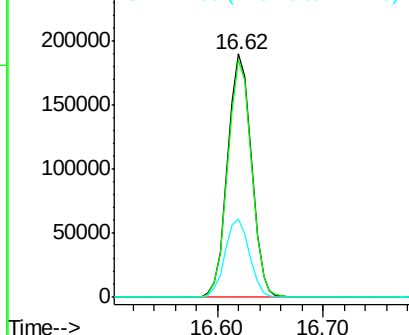
#41
 2,4,6-Tribromophenol
 Concen: 165.95 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG027322.D
 Acq: 8 Jun 2017 18:20

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 296421
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 33.0 32.1 48.1

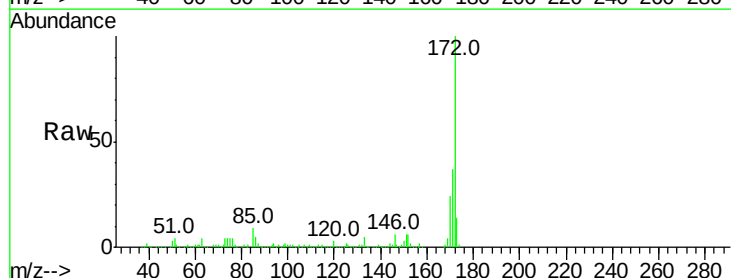


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

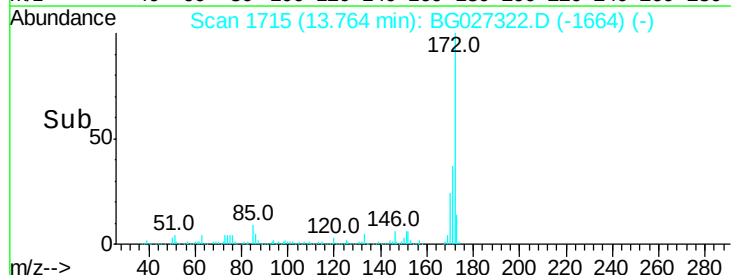
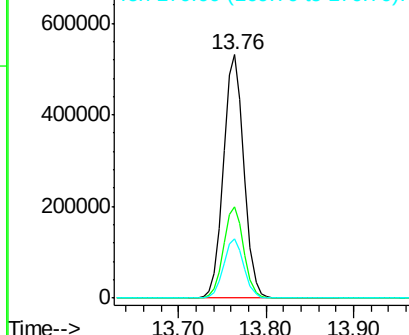


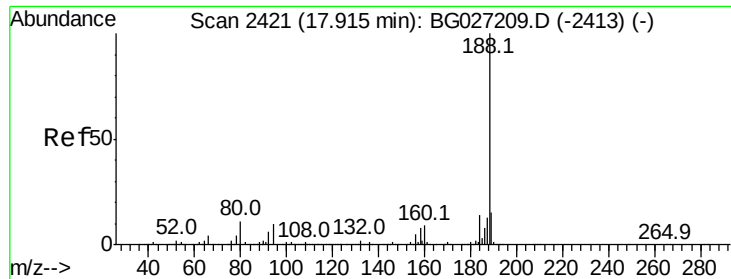
#44
 2-Fluorobiphenyl
 Concen: 87.97 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG027322.D
 Acq: 8 Jun 2017 18:20

Tgt Ion:172 Resp: 852951
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 24.5 21.8 32.6



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

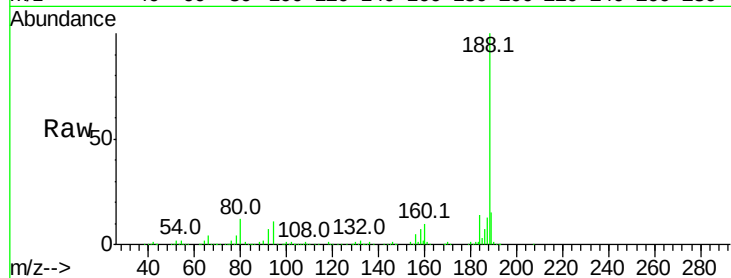




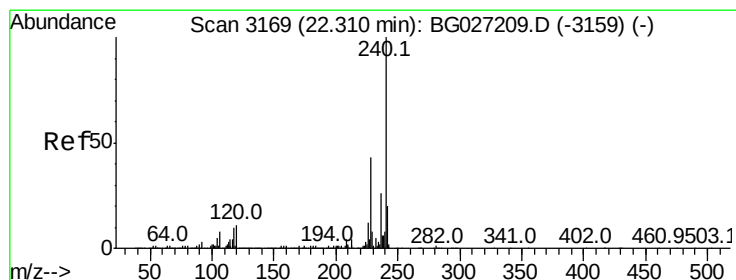
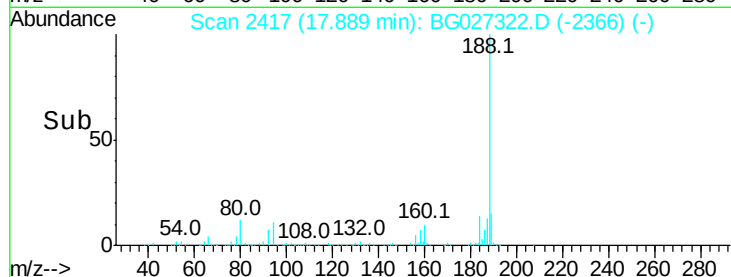
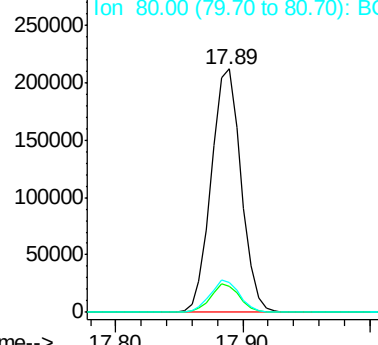
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BG027322.D
Acq: 8 Jun 2017 18:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 345525
Ion Ratio Lower Upper
188 100
94 10.9 5.8 8.8#
80 12.5 7.5 11.3#

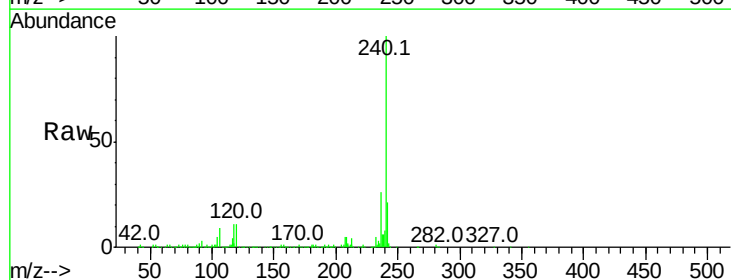


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

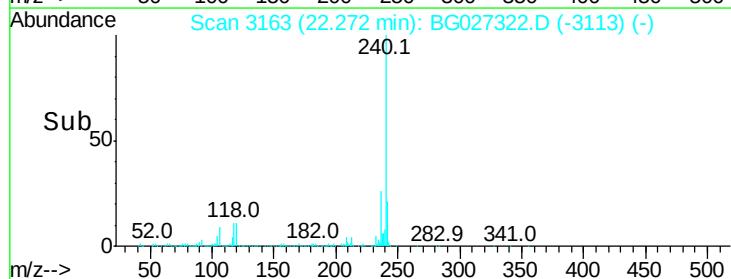
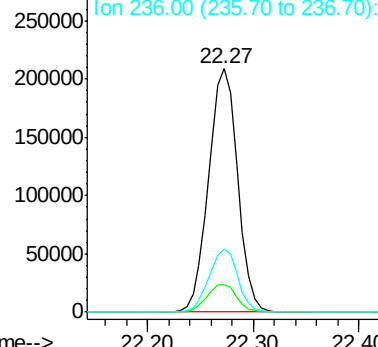


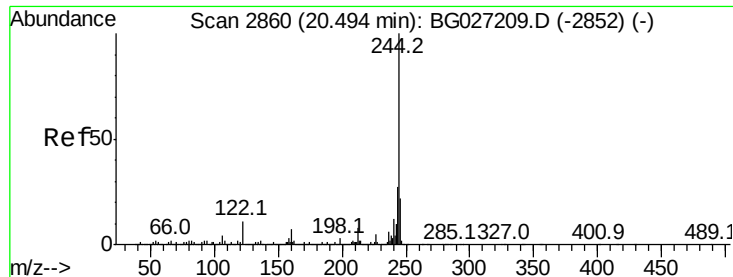
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.01 min
Lab File: BG027322.D
Acq: 8 Jun 2017 18:20

Tgt Ion:240 Resp: 396668
Ion Ratio Lower Upper
240 100
120 11.0 5.7 8.5#
236 26.1 22.2 33.4



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: 99.38 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG027322.D

Acq: 8 Jun 2017 18:20

Instrument :

BNA_G

ClientSampleId :

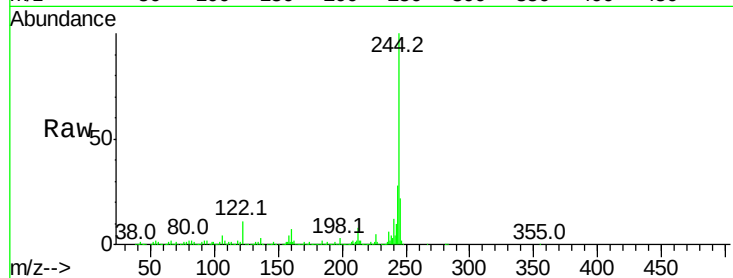
Tot Ion:244 Resp: 1545278

Ion Ratio Lower Upper

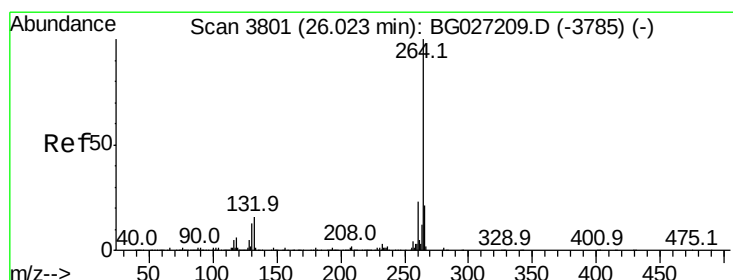
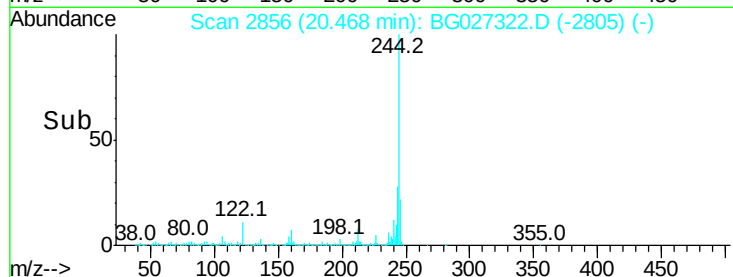
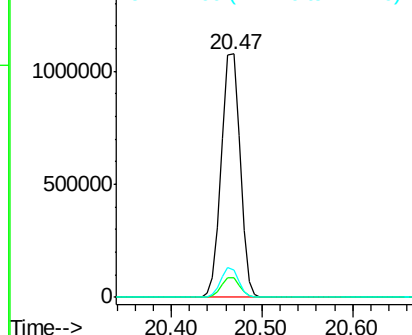
244 100

212 8.2 10.0 15.0#

122 11.1 8.6 12.8



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: 25.96 min Scan# 3790

Delta R.T. -0.01 min

Lab File: BG027322.D

Acq: 8 Jun 2017 18:20

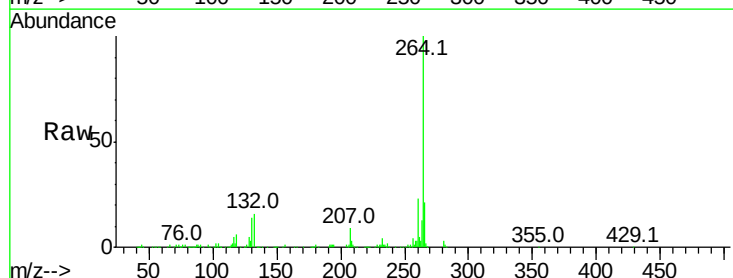
Tgt Ion:264 Resp: 367622

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 21.0 18.2 27.4



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

