

Data Path : Z:\HPCHEM1\BNA G\DATA\BG060817\
 Data File : BG027324.D
 Acq On : 8 Jun 2017 19:39
 Operator : SJ/MA
 Sample : I3460-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 09 05:49:25 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.55	152	43164	20.00	ng	-0.03
21) Naphthalene-d8	11.37	136	199811	20.00	ng	-0.03
38) Acenaphthene-d10	15.14	164	134093	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	345572	20.00	ng	-0.03
75) Chrysene-d12	22.27	240	389096	20.00	ng	-0.04
86) Perylene-d12	25.96	264	361414	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	62860	22.22	ng	-0.01
7) Phenol-d6	7.69	99	69940	16.84	ng	-0.01
23) Nitrobenzene-d5	9.72	82	351510	110.64	ng	-0.03
41) 2,4,6-Tribromophenol	16.62	330	79973	45.29	ng	-0.03
44) 2-Fluorobiphenyl	13.76	172	854457	89.14	ng	-0.03
78) Terphenyl-d14	20.46	244	1502028	98.48	ng	-0.03

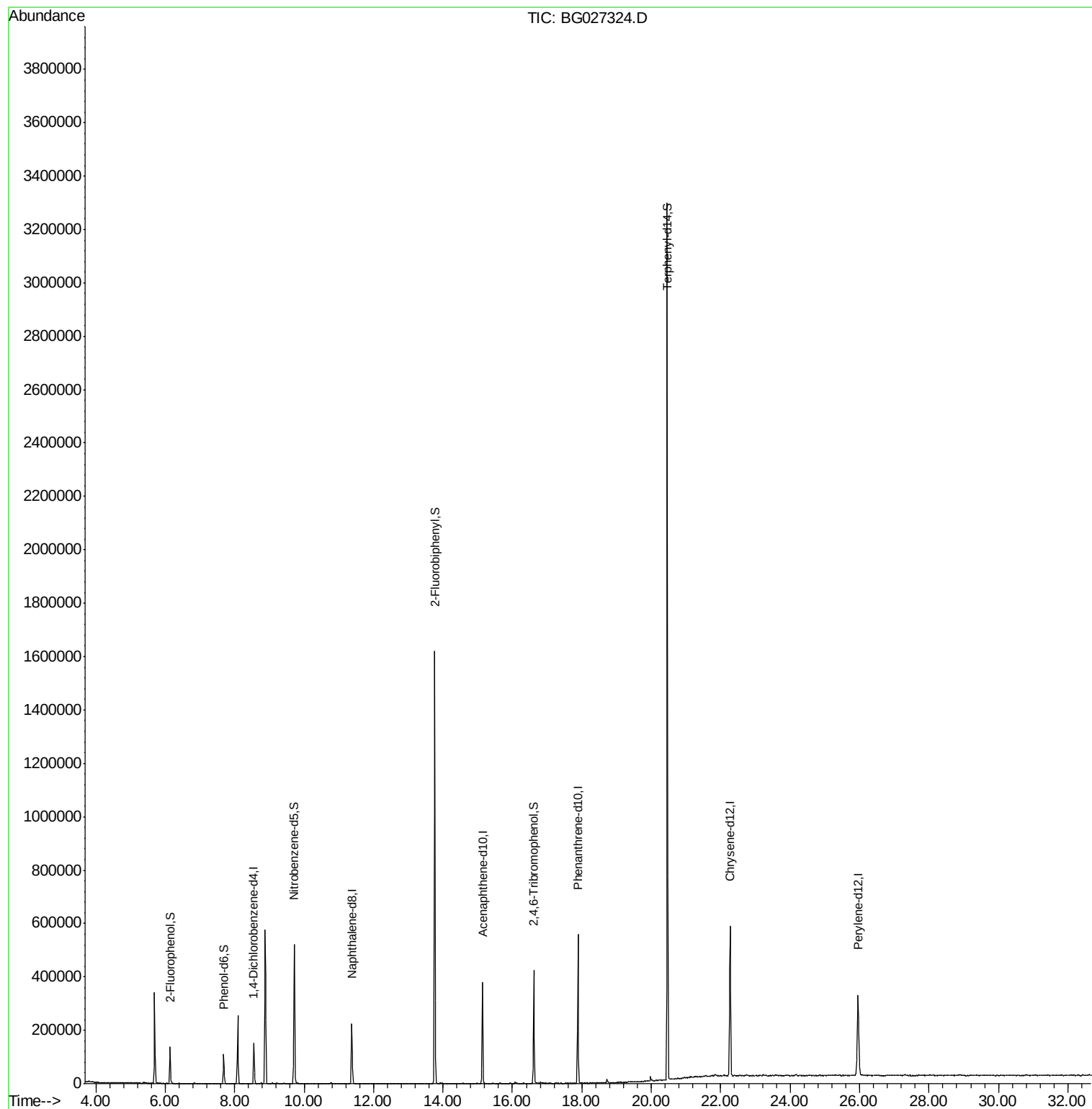
Target Compounds Qvalue

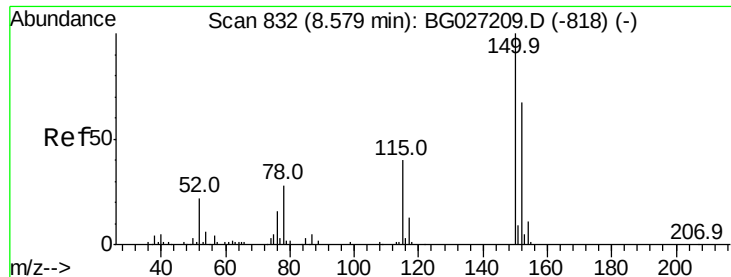
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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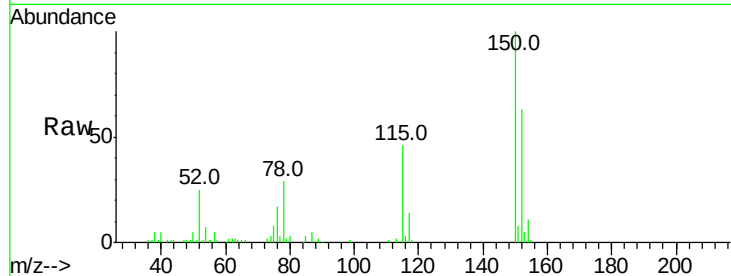


#1

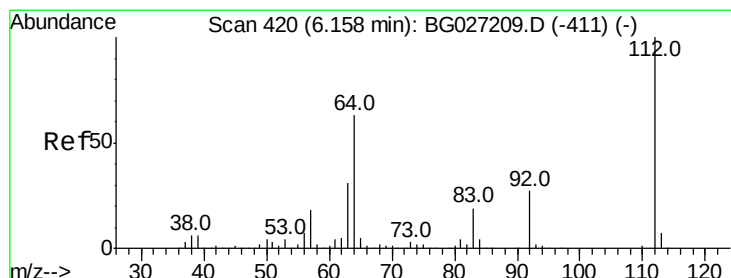
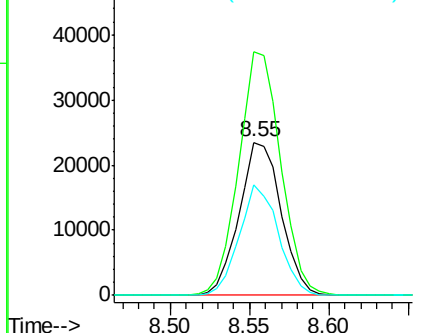
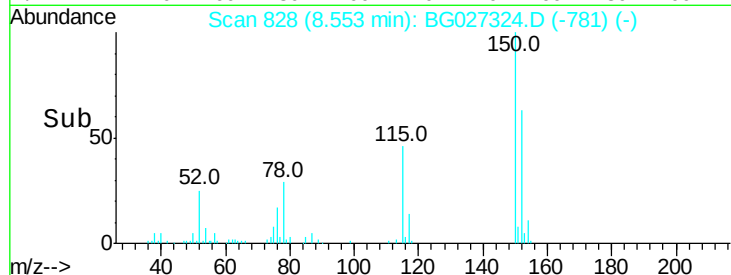
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.55 min Scan# 828
Delta R.T. -0.03 min
Lab File: BG027324.D
Acq: 8 Jun 2017 19:39

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 43164
Ion Ratio Lower Upper
152 100
150 159.0 114.0 171.0
115 72.5 48.1 72.1#



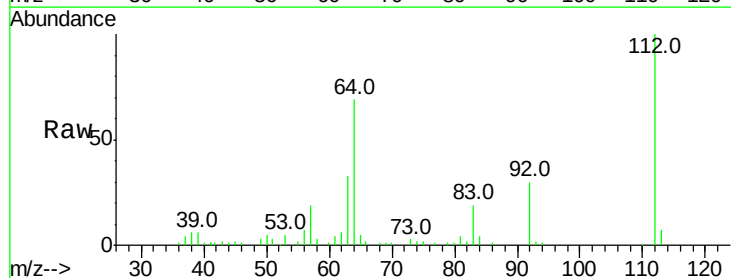
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



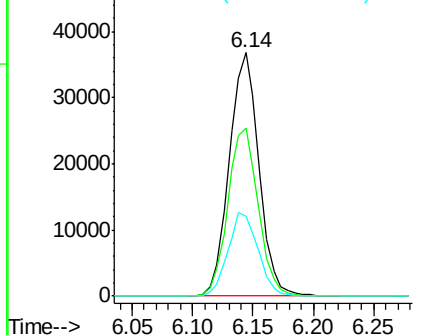
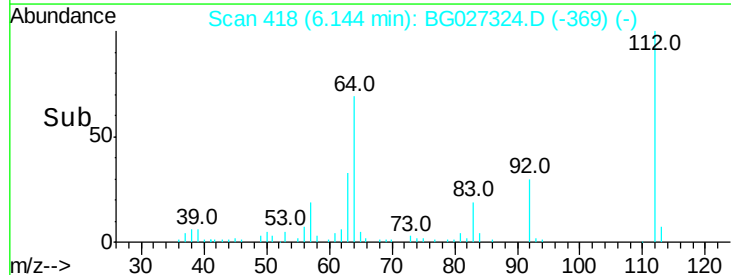
#5

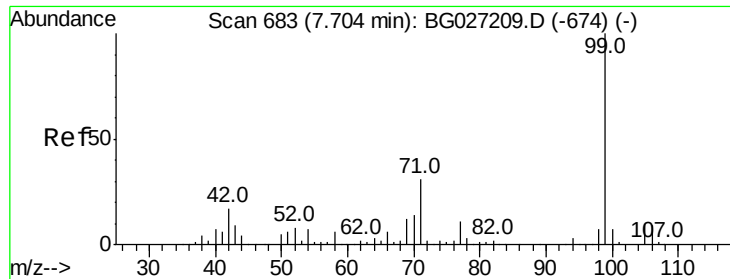
2-Fluorophenol
Concen: 22.22 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027324.D
Acq: 8 Jun 2017 19:39

Tgt Ion:112 Resp: 62860
Ion Ratio Lower Upper
112 100
64 68.9 61.8 92.6
63 32.9 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: 16.84 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027324.D

Acq: 8 Jun 2017 19:39

Instrument :

BNA_G

ClientSampled :

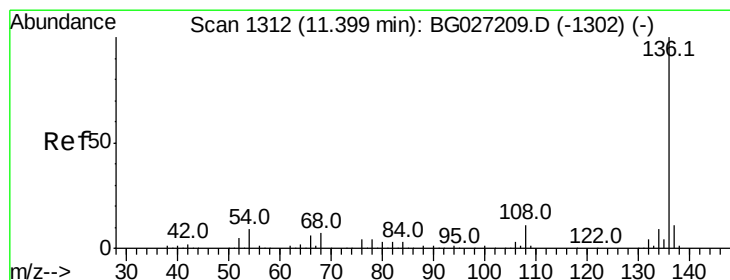
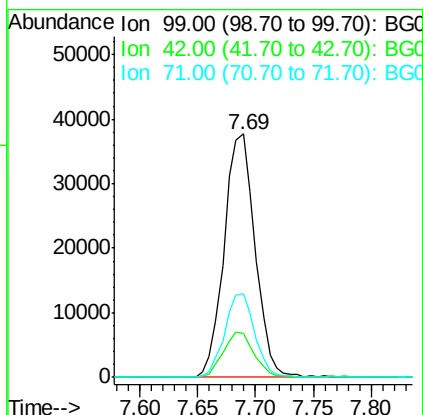
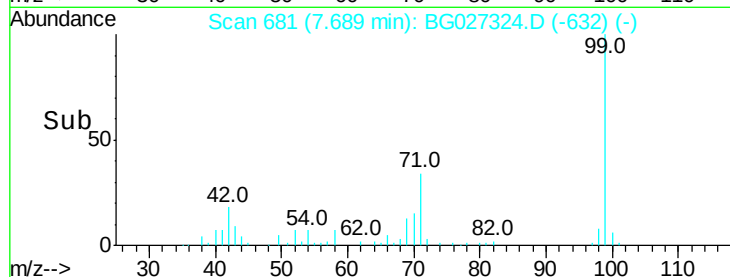
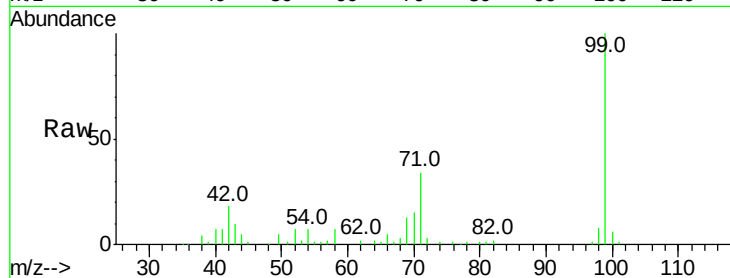
Tot Ion: 99 Resp: 69940

Ion Ratio Lower Upper

99 100

42 17.9 20.5 30.7#

71 34.2 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.37 min Scan# 1308

Delta R.T. -0.03 min

Lab File: BG027324.D

Acq: 8 Jun 2017 19:39

Tgt Ion: 136 Resp: 199811

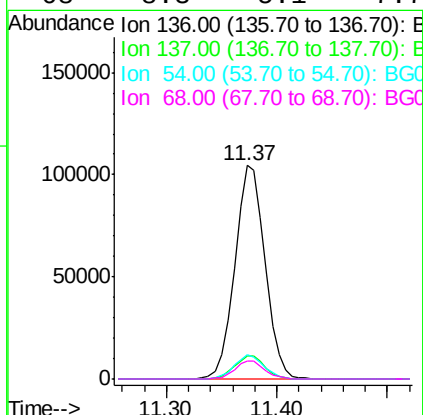
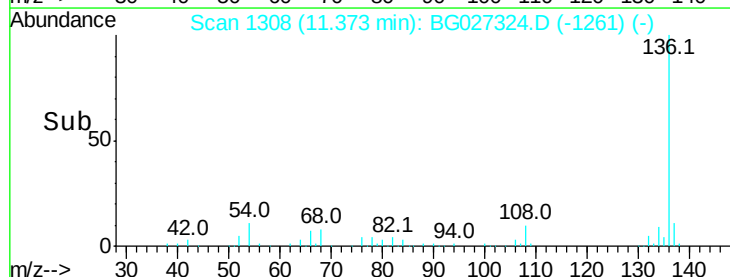
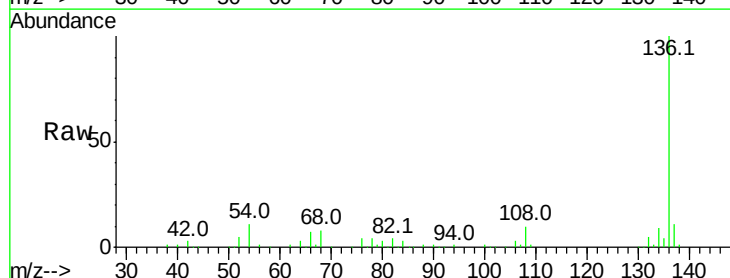
Ion Ratio Lower Upper

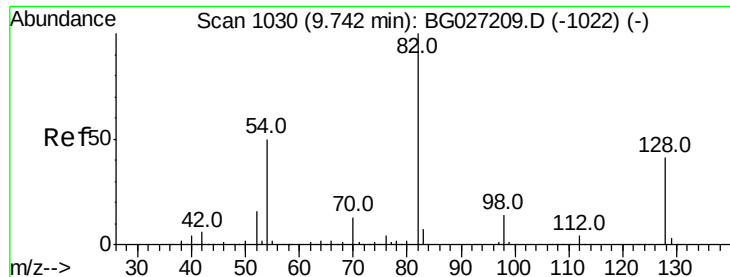
136 100

137 10.8 8.9 13.3

54 11.3 9.3 13.9

68 8.3 5.1 7.7#

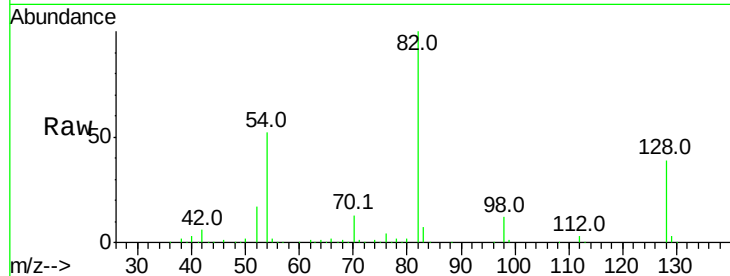




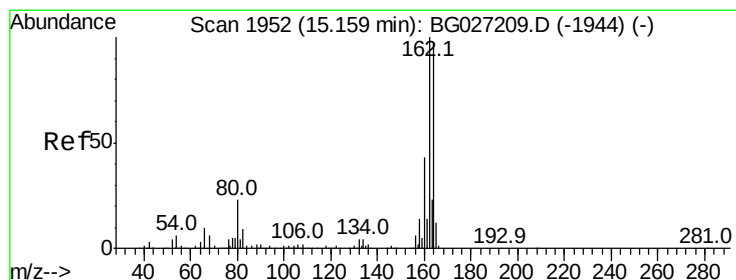
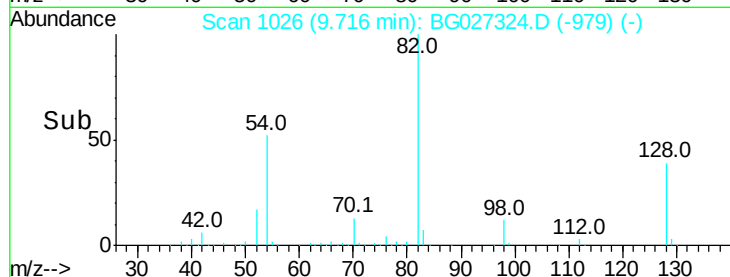
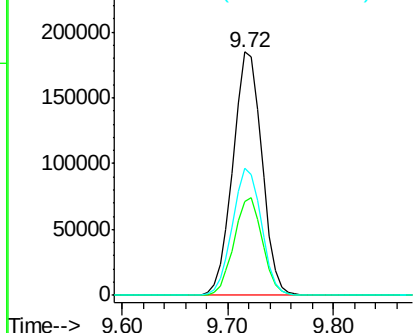
#23
 Nitrobenzene-d5
 Concen: 110.64 ng
 RT: 9.72 min Scan# 1026
 Delta R.T. -0.03 min
 Lab File: BG027324.D
 Acq: 8 Jun 2017 19:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	82	Resp	351510
Ion	Ratio	Lower	Upper
82	100		
128	38.5	26.4	39.6
54	52.1	49.4	74.2

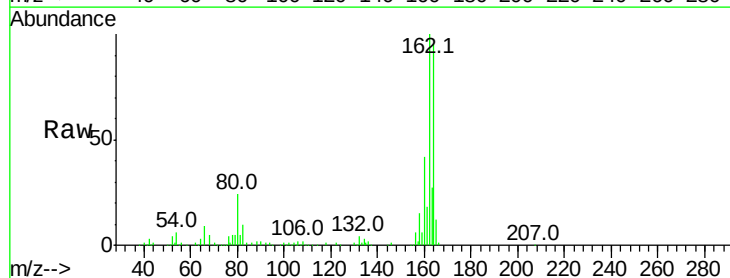


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

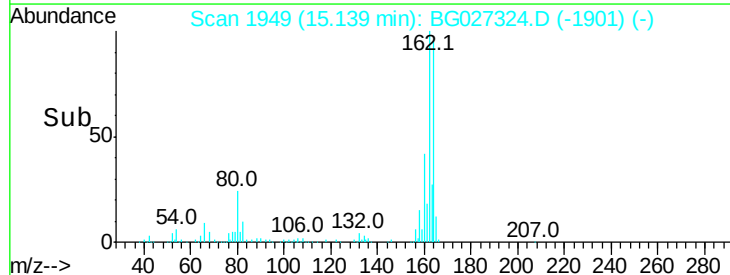
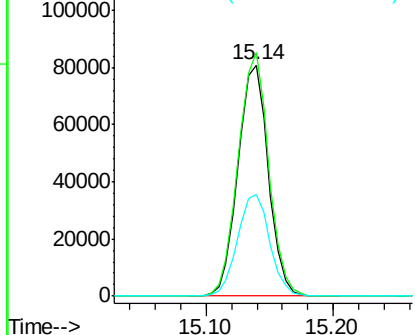


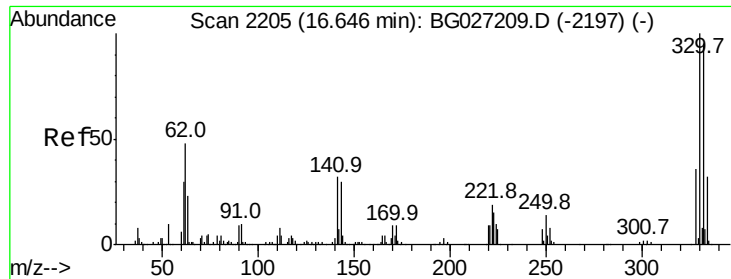
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027324.D
 Acq: 8 Jun 2017 19:39

Tgt Ion	164	Resp	134093
Ion	Ratio	Lower	Upper
164	100		
162	105.2	85.1	127.7
160	44.0	34.7	52.1



Abundance Ion 164.00 (163.70 to 164.70): BGC
 Ion 162.00 (161.70 to 162.70): BGC
 Ion 160.00 (159.70 to 160.70): BGC

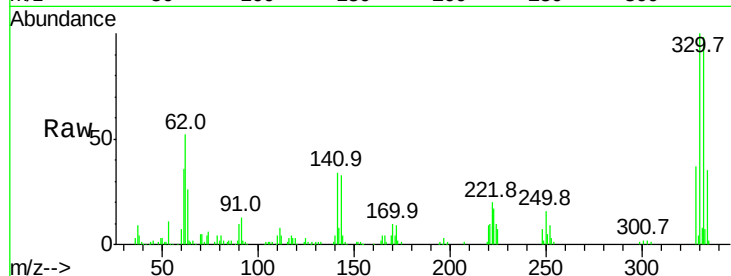




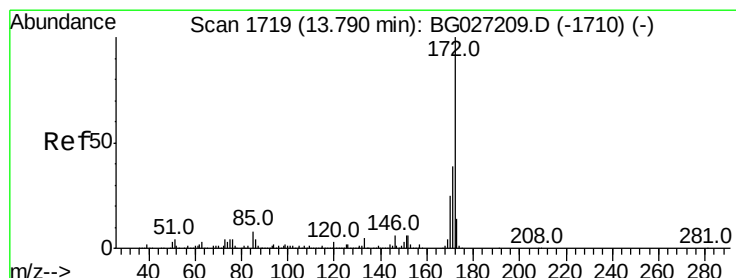
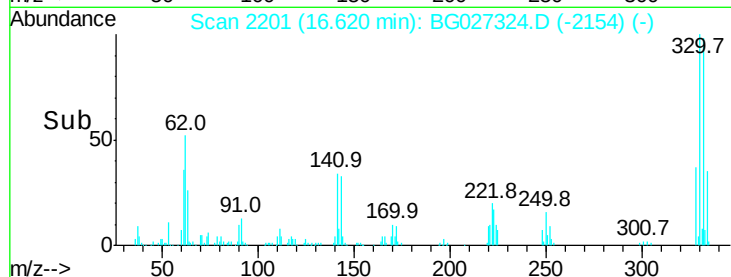
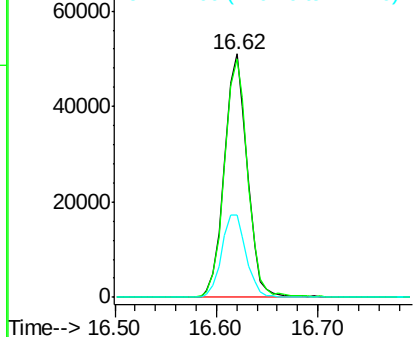
#41
 2,4,6-Tribromophenol
 Concen: 45.29 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.03 min
 Lab File: BG027324.D
 Acq: 8 Jun 2017 19:39

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:330 Resp: 79973
 Ion Ratio Lower Upper
 330 100
 332 99.6 77.3 115.9
 141 36.3 32.1 48.1

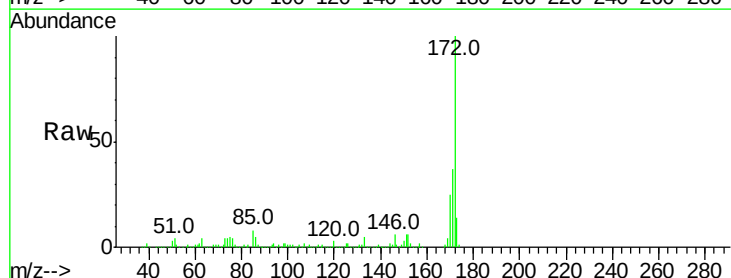


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

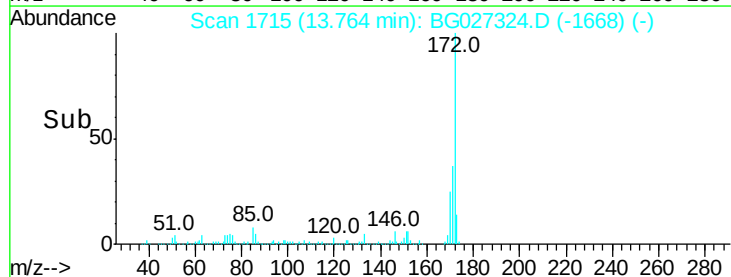
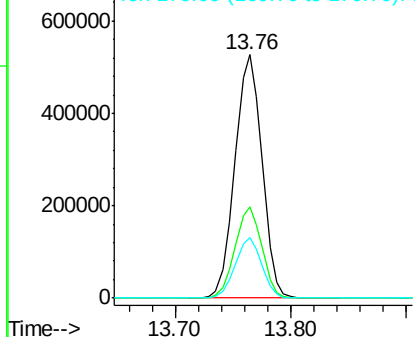


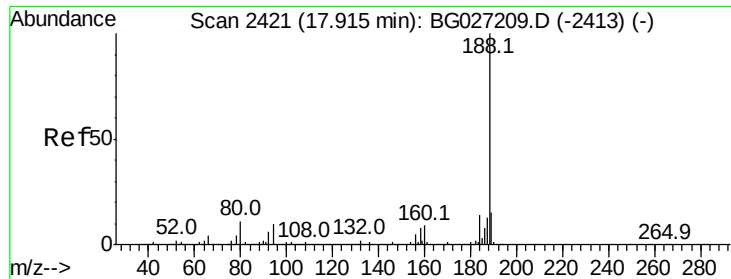
#44
 2-Fluorobiphenyl
 Concen: 89.14 ng
 RT: 13.76 min Scan# 1715
 Delta R.T. -0.03 min
 Lab File: BG027324.D
 Acq: 8 Jun 2017 19:39

Tgt Ion:172 Resp: 854457
 Ion Ratio Lower Upper
 172 100
 171 37.4 32.2 48.2
 170 24.7 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

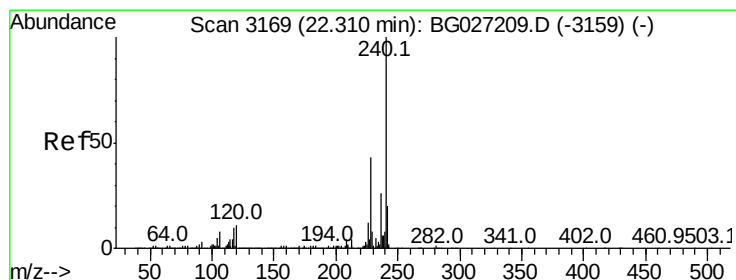
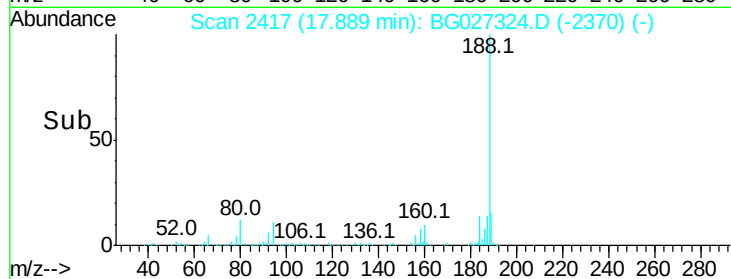
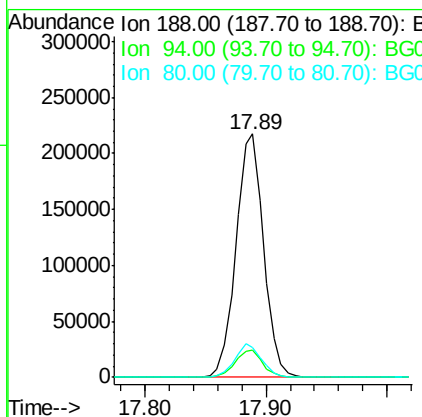
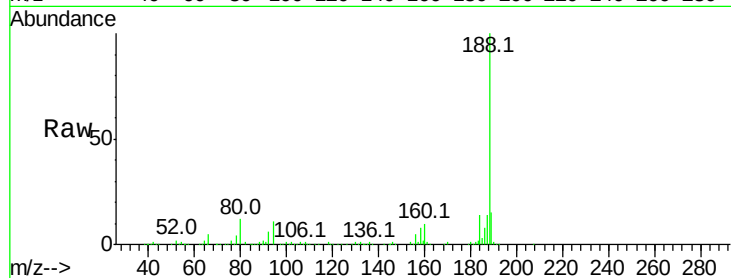




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.03 min
Lab File: BG027324.D
Acq: 8 Jun 2017 19:39

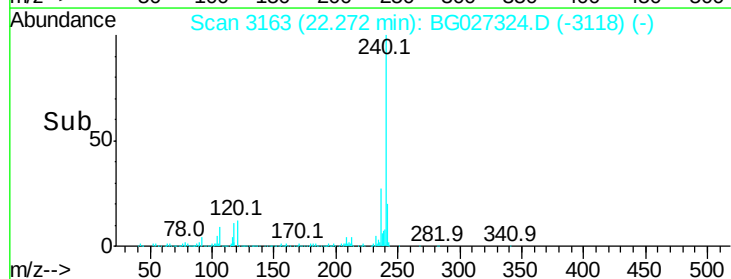
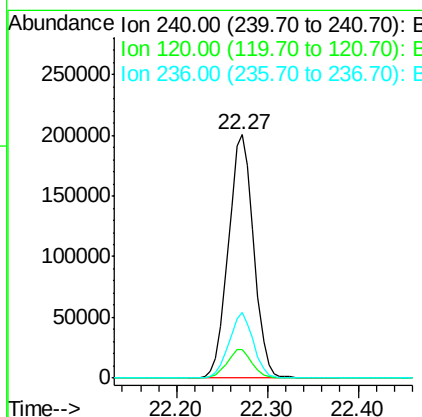
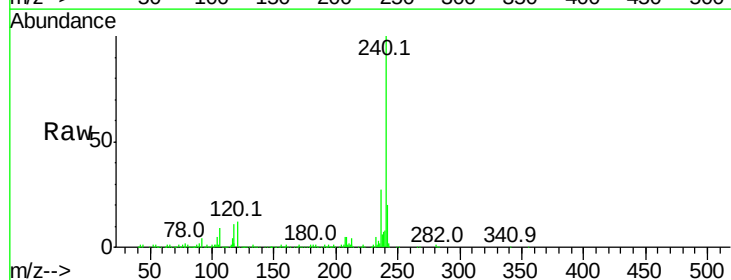
Instrument :
BNA_G
ClientSampled :

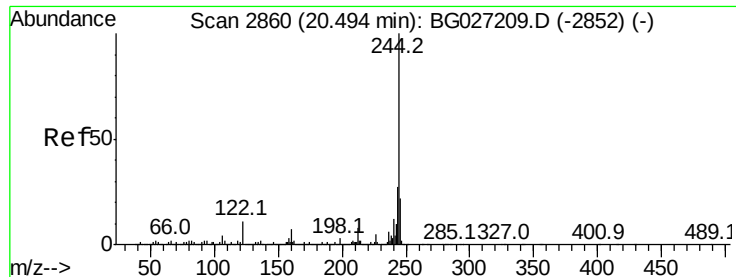
Tot Ion:188 Resp: 345572
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 12.5 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.27 min Scan# 3163
Delta R.T. -0.04 min
Lab File: BG027324.D
Acq: 8 Jun 2017 19:39

Tgt Ion:240 Resp: 389096
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 27.1 22.2 33.4





#78

Terphenyl-d14

Concen: 98.48 ng

RT: 20.46 min Scan# 2855

Delta R.T. -0.03 min

Lab File: BG027324.D

Acq: 8 Jun 2017 19:39

Instrument :

BNA_G

ClientSampleId :

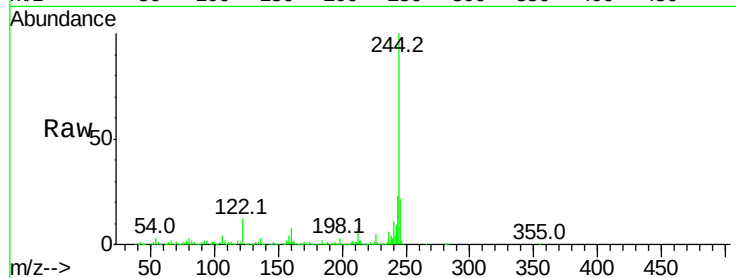
Tot Ion:244 Resp: 1502028

Ion	Ratio	Lower	Upper
244	100		
212	8.0	10.0	15.0#
122	11.9	8.6	12.8

244 100

212 8.0 10.0 15.0#

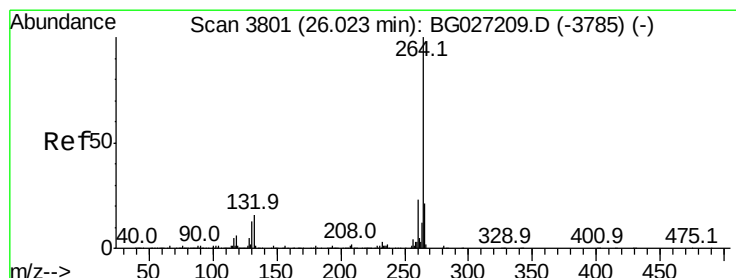
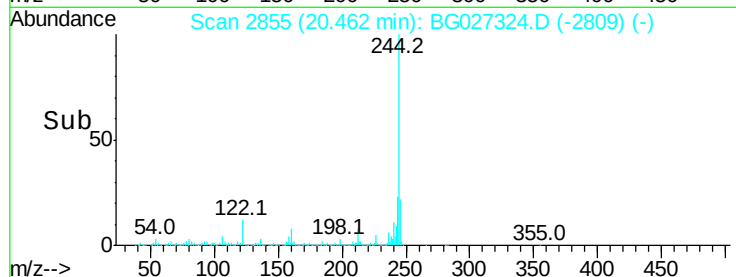
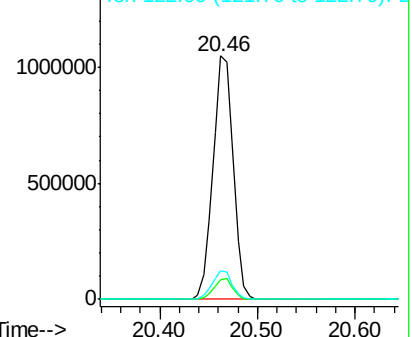
122 11.9 8.6 12.8



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. -0.07 min

Lab File: BG027324.D

Acq: 8 Jun 2017 19:39

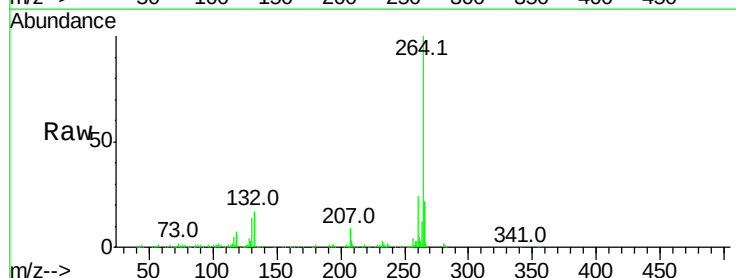
Tgt Ion:264 Resp: 361414

Ion	Ratio	Lower	Upper
264	100		
260	24.3	21.8	32.8
265	21.5	18.2	27.4

264 100

260 24.3 21.8 32.8

265 21.5 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

