

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027281.D
 Acq On : 7 Jun 2017 13:25
 Operator : SJ/MA
 Sample : I3482-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-B

Quant Time: Jun 07 14:36:55 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	8.56	152	51712	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	240375	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	155374	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	377764	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	429187	20.00	ng	-0.03
86) Perylene-d12	25.97	264	400234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	425452	125.55	ng	-0.01
7) Phenol-d6	7.69	99	554178	111.41	ng	-0.01
23) Nitrobenzene-d5	9.72	82	357647	93.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	283361	138.49	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	894001	80.50	ng	-0.02
78) Terphenyl-d14	20.47	244	1529806	90.93	ng	-0.02

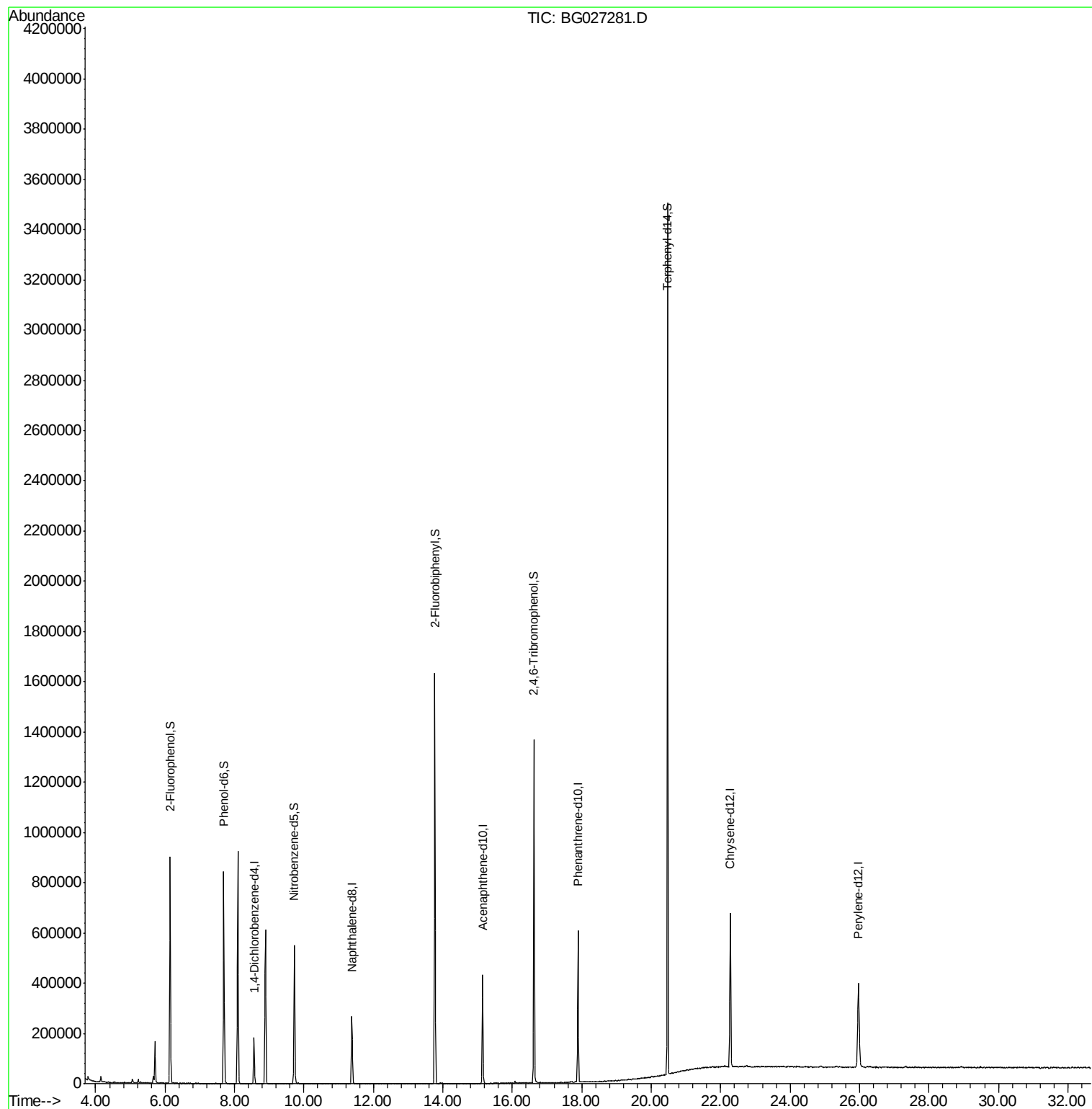
Target Compounds	Qvalue
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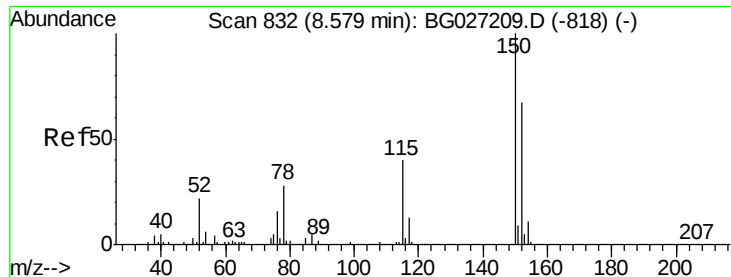
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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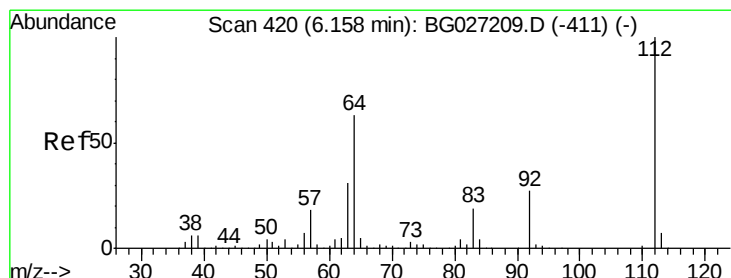
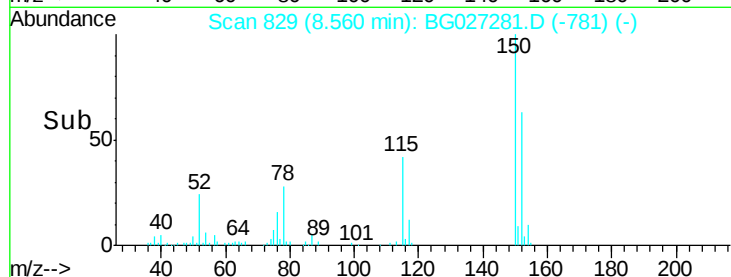
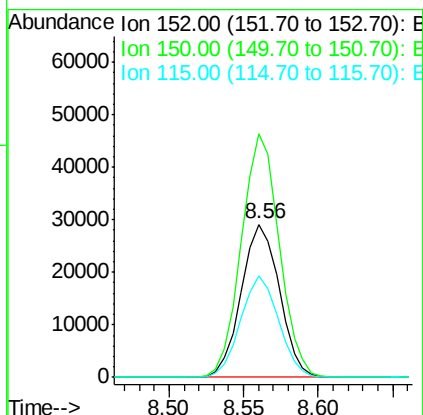
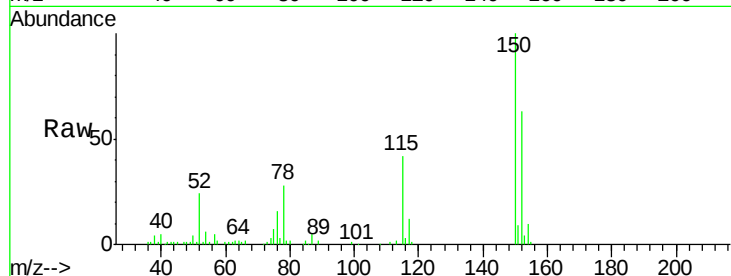


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027281.D
Acq: 7 Jun 2017 13:25

Instrument :
BNA_G
ClientSampleId :
CL-01-060517-B

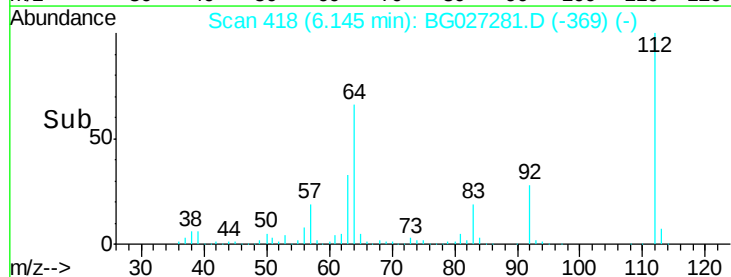
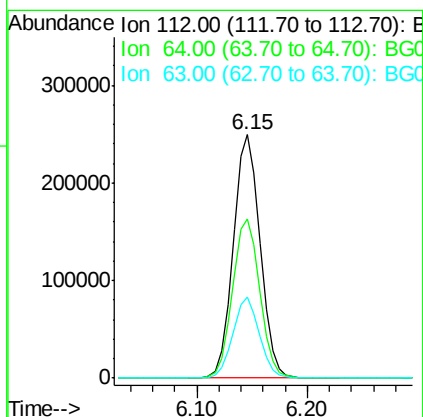
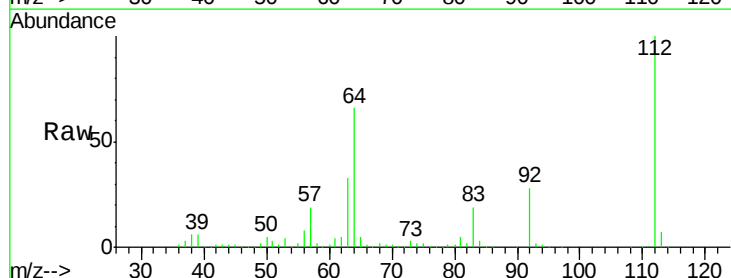
Tgt Ion:152 Resp: 51712
Ion Ratio Lower Upper
152 100
150 159.2 114.0 171.0
115 66.6 48.1 72.1

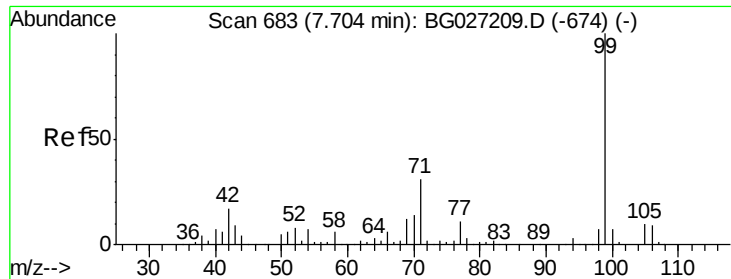


#5

2-Fluorophenol
Concen: 125.546 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027281.D
Acq: 7 Jun 2017 13:25

Tgt Ion:112 Resp: 425452
Ion Ratio Lower Upper
112 100
64 65.6 61.8 92.6
63 33.3 37.2 55.8#





#7

Phenol-d6

Concen: 111.406 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-B

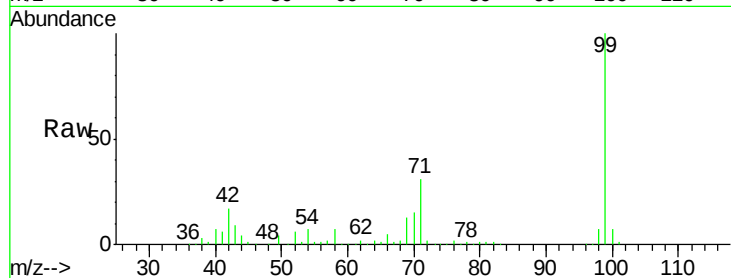
Tgt Ion: 99 Resp: 554178

Ion Ratio Lower Upper

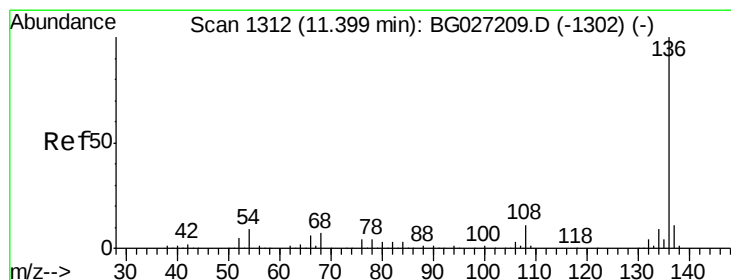
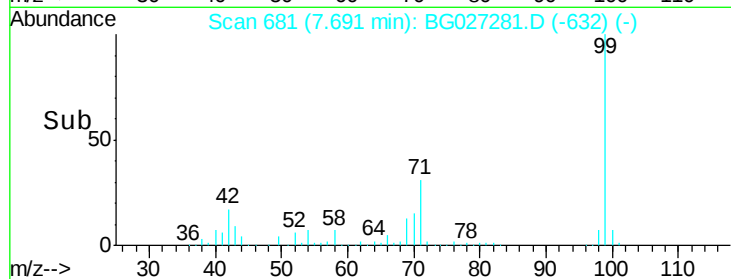
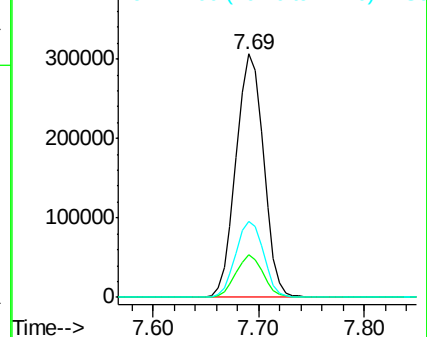
99 100

42 17.3 20.5 30.7#

71 31.3 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: 20.000 ng

RT: 11.38 min Scan# 1309

Delta R.T. -0.02 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Tgt Ion: 136 Resp: 240375

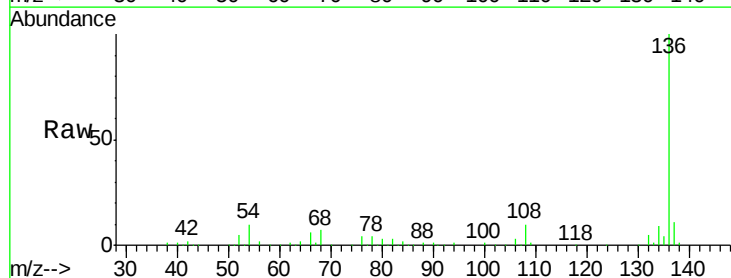
Ion Ratio Lower Upper

136 100

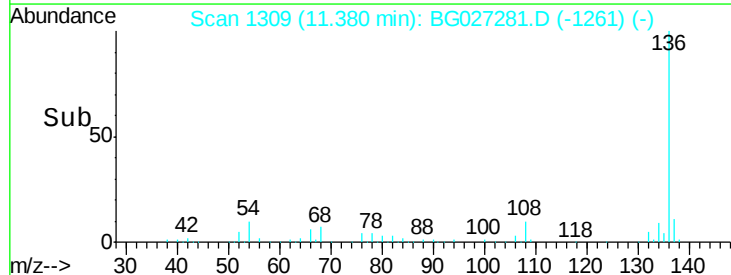
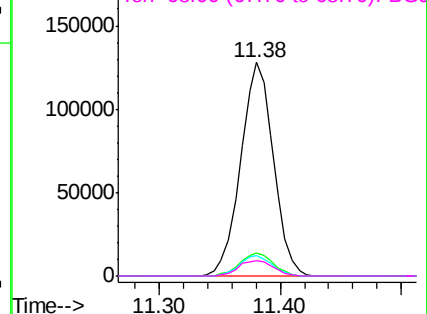
137 11.1 8.9 13.3

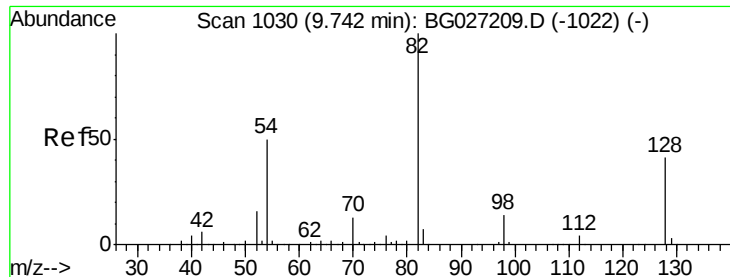
54 9.9 9.3 13.9

68 7.2 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

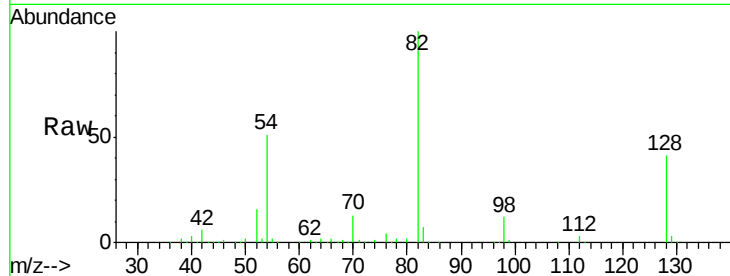




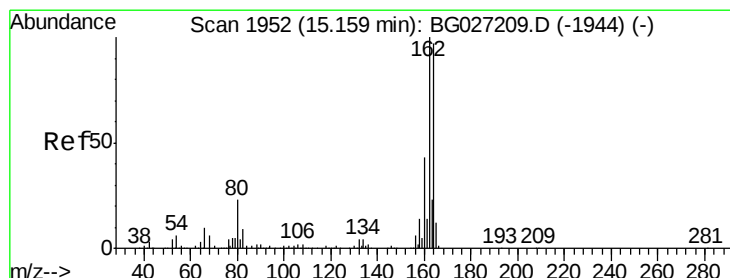
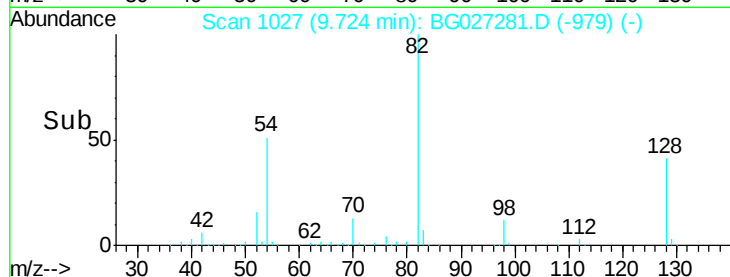
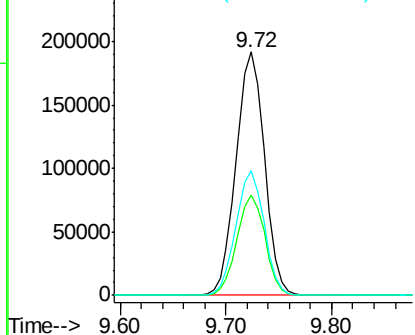
#23
 Nitrobenzene-d5
 Concen: 93.572 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-B

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.2	26.4	39.6
54	51.0	49.4	74.2

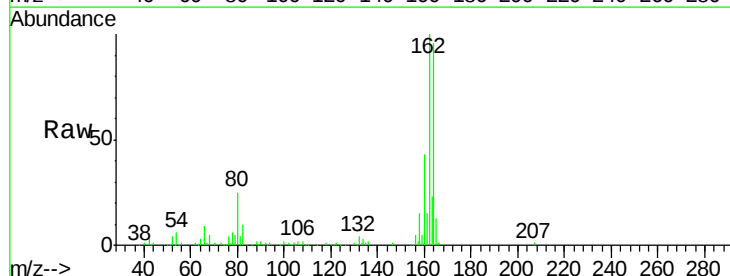


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

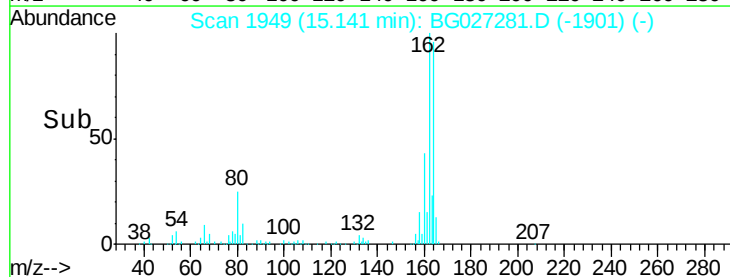
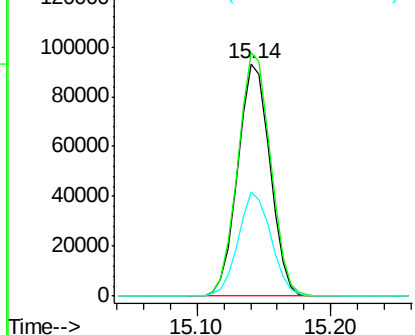


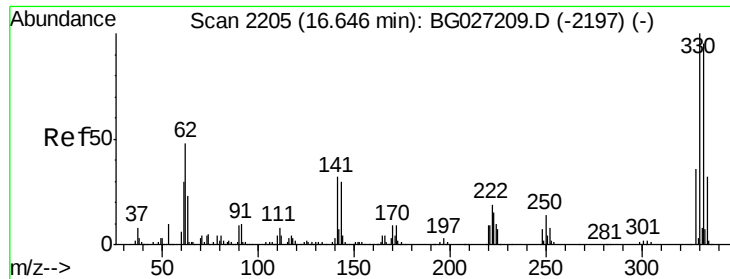
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.7	85.1	127.7
160	44.8	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

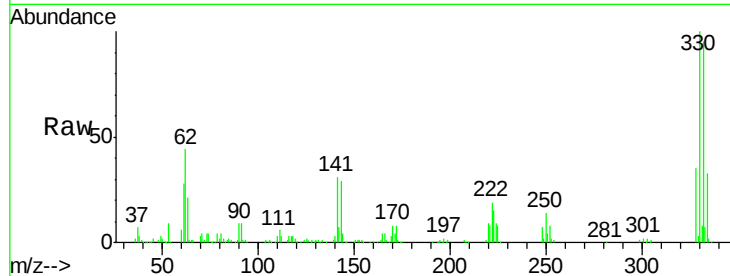




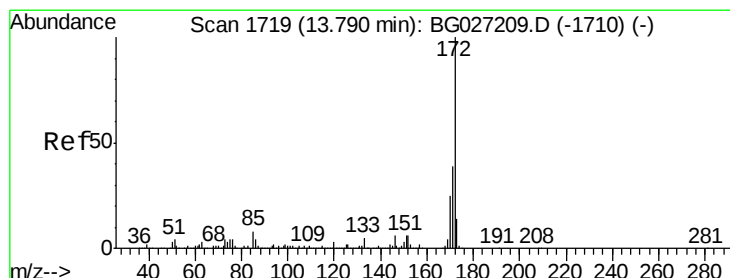
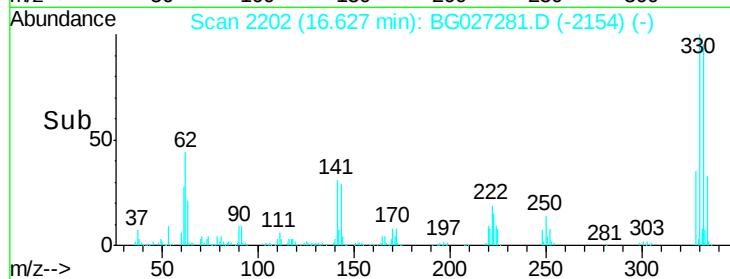
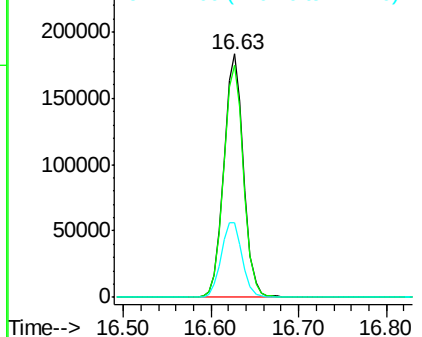
#41
 2,4,6-Tribromophenol
 Concen: 138.495 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-B

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.1	32.1	48.1

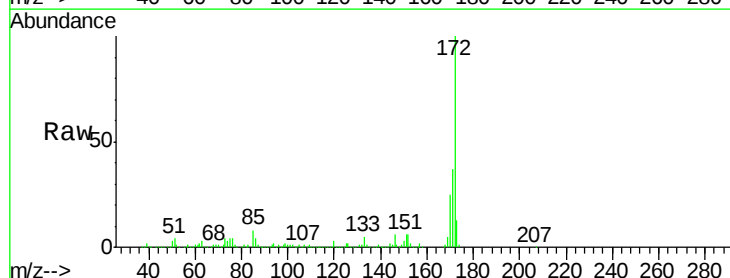


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

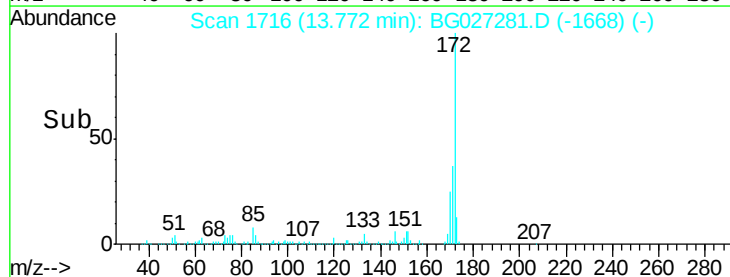
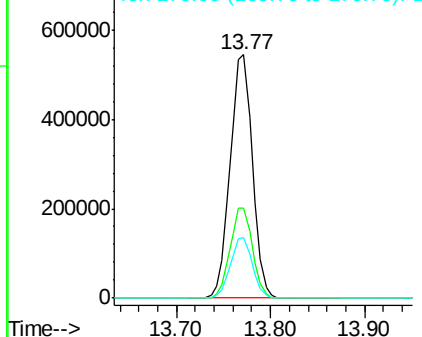


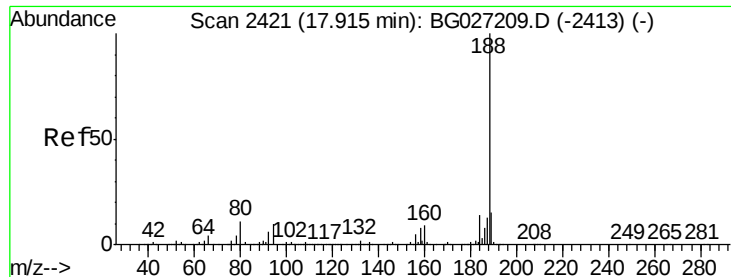
#44
 2-Fluorobiphenyl
 Concen: 80.495 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.8	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

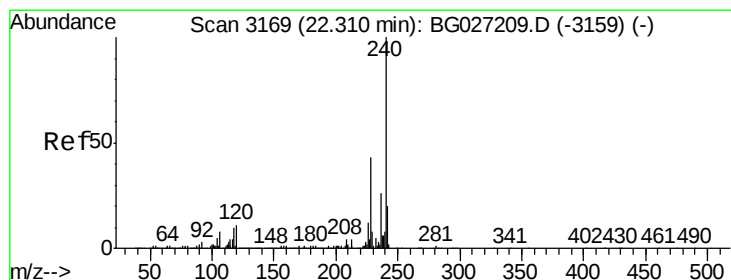
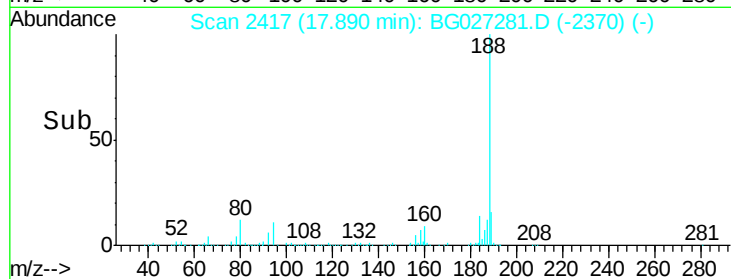
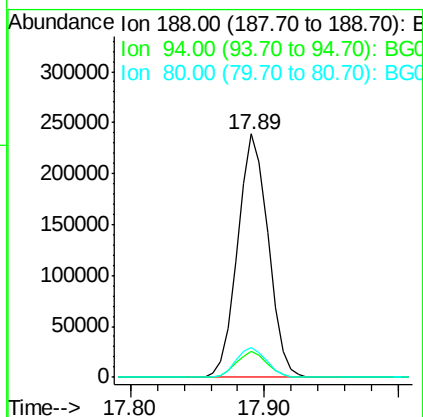
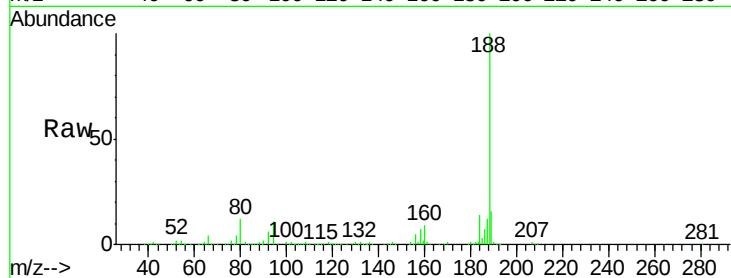




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027281.D
Acq: 7 Jun 2017 13:25

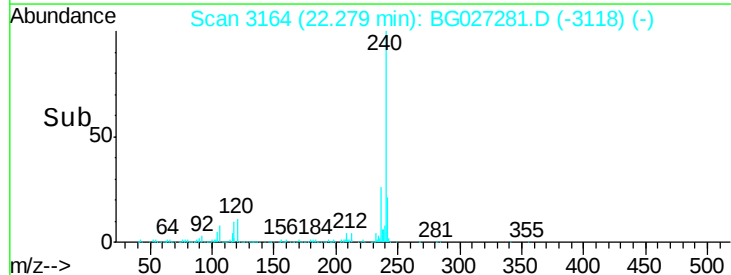
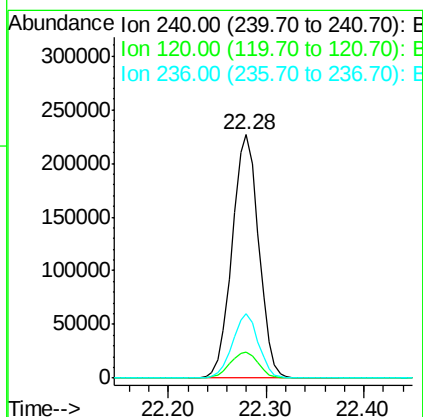
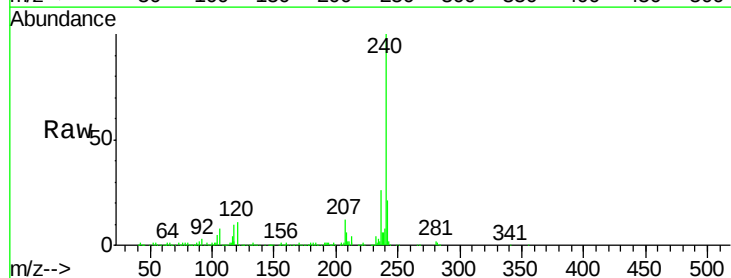
Instrument :
BNA_G
ClientSampleId :
CL-01-060517-B

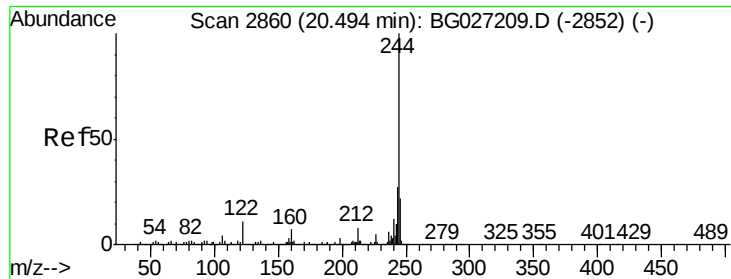
Tgt Ion:188 Resp: 377764
Ion Ratio Lower Upper
188 100
94 10.6 5.8 8.8#
80 12.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3164
Delta R.T. -0.03 min
Lab File: BG027281.D
Acq: 7 Jun 2017 13:25

Tgt Ion:240 Resp: 429187
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 26.2 22.2 33.4





#78

Terphenyl-d14

Concen: 90.929 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-B

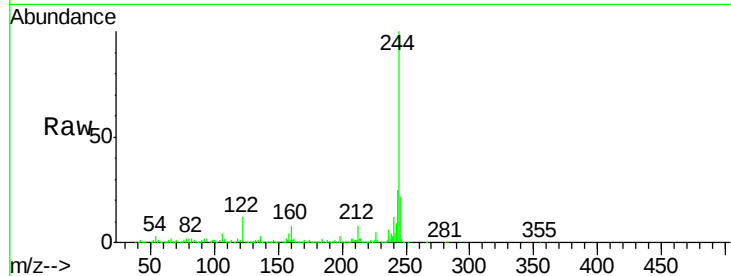
Tgt Ion:244 Resp: 1529806

Ion Ratio Lower Upper

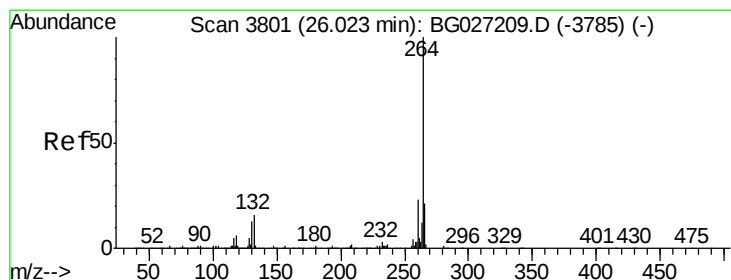
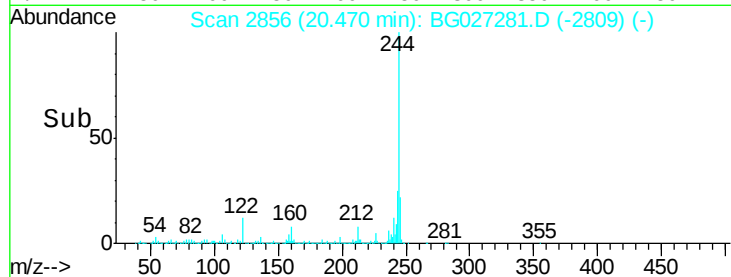
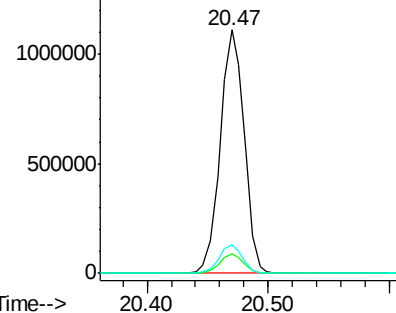
244 100

212 8.2 10.0 15.0#

122 11.5 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: 20.000 ng

RT: 25.97 min Scan# 3792

Delta R.T. -0.05 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

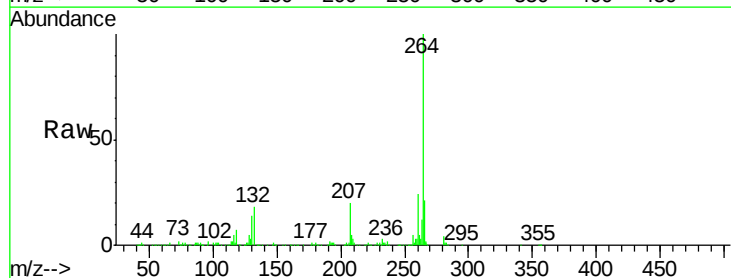
Tgt Ion:264 Resp: 400234

Ion Ratio Lower Upper

264 100

260 24.4 21.8 32.8

265 21.1 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

