

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027280.D
 Acq On : 7 Jun 2017 12:46
 Operator : SJ/MA
 Sample : I3482-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

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

Quant Time: Jun 07 14:18:41 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	53794	20.00	ng	-0.01
21) Naphthalene-d8	11.38	136	245047	20.00	ng	-0.02
38) Acenaphthene-d10	15.15	164	156263	20.00	ng	-0.01
63) Phenanthrene-d10	17.89	188	377102	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	433182	20.00	ng	-0.03
86) Perylene-d12	25.97	264	397649	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.14	112	512657	145.42	ng	-0.01
7) Phenol-d6	7.70	99	661126	127.76	ng	0.00
23) Nitrobenzene-d5	9.72	82	434801	111.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	339381	164.93	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1069993	95.79	ng	-0.02
78) Terphenyl-d14	20.47	244	1715118	101.00	ng	-0.02

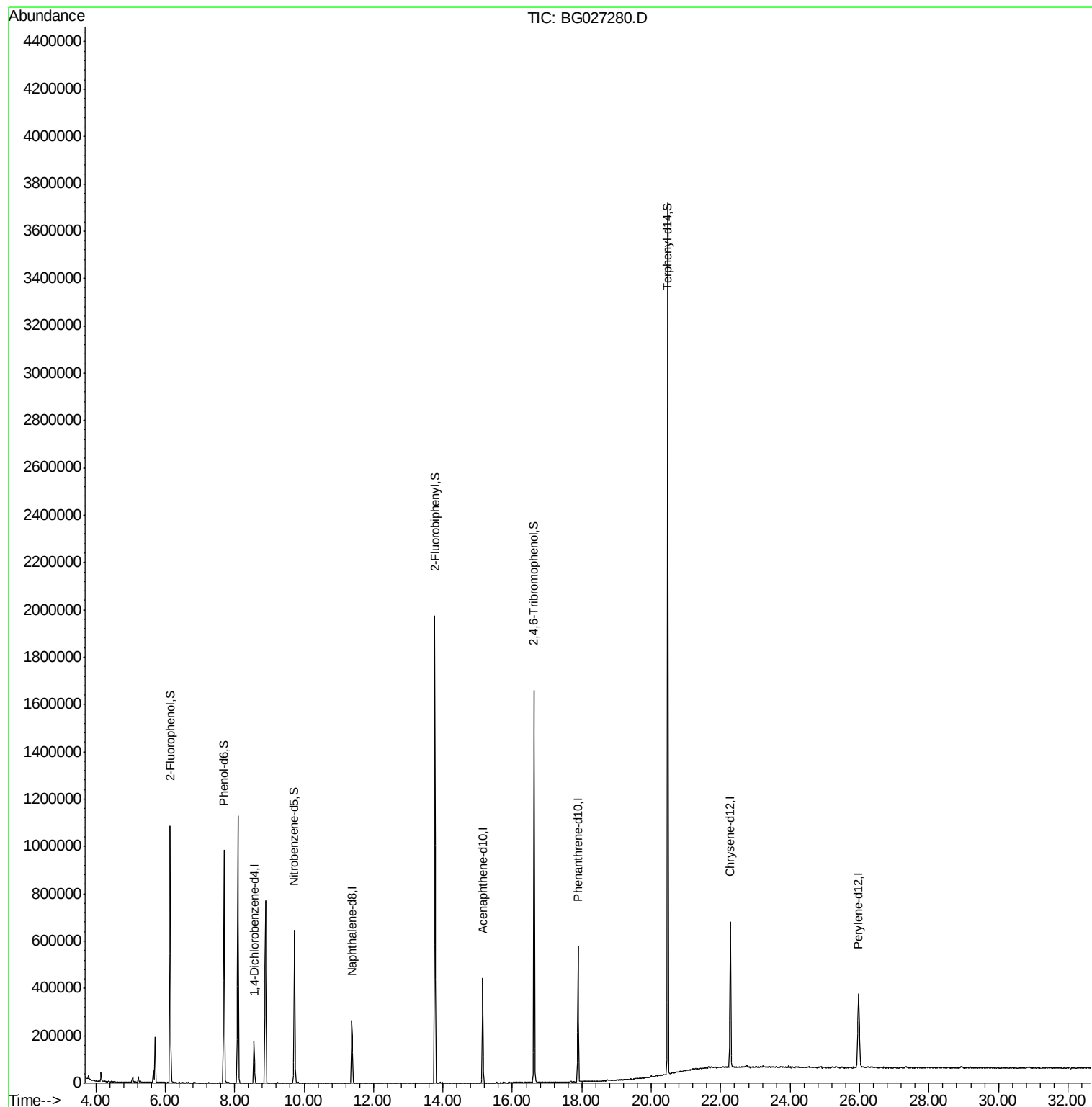
Target Compounds	Qvalue
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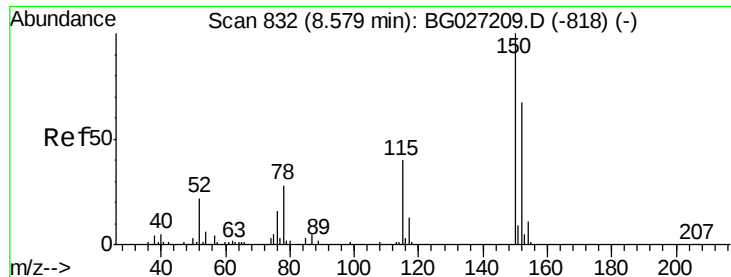
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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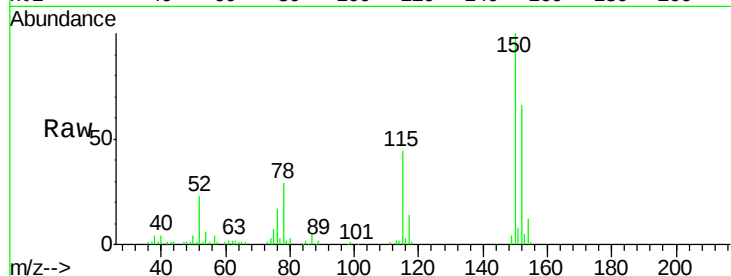


#1

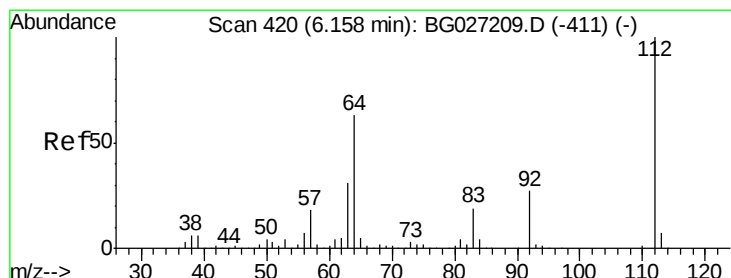
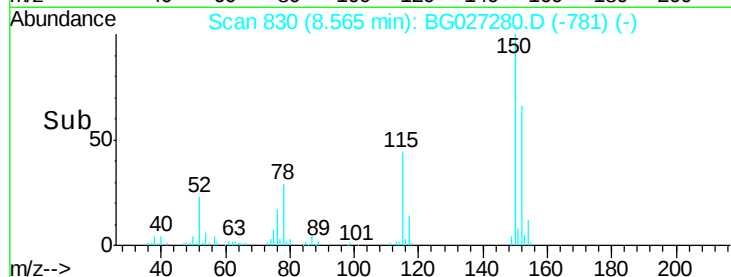
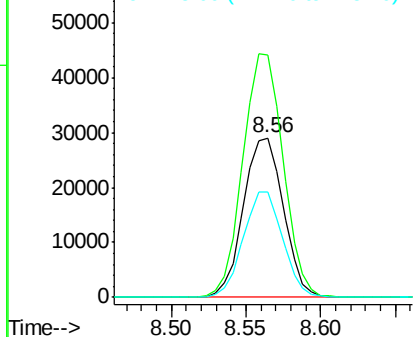
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG027280.D
Acq: 7 Jun 2017 12:46

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

Tgt Ion:152 Resp: 53794
Ion Ratio Lower Upper
152 100
150 151.6 114.0 171.0
115 66.0 48.1 72.1



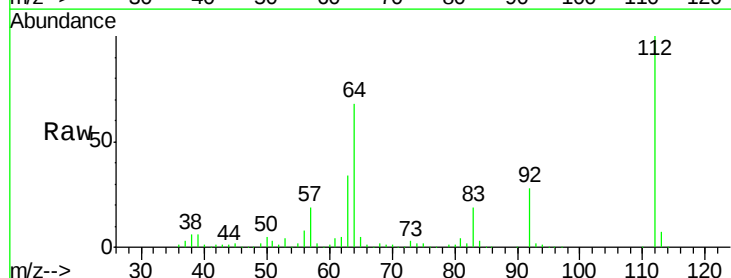
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



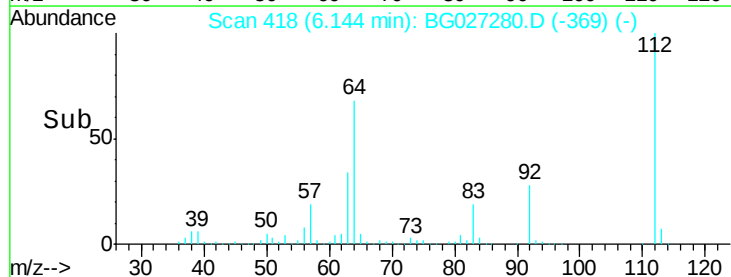
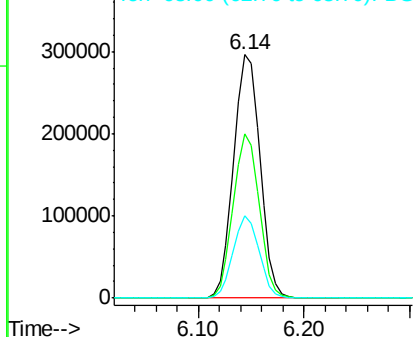
#5

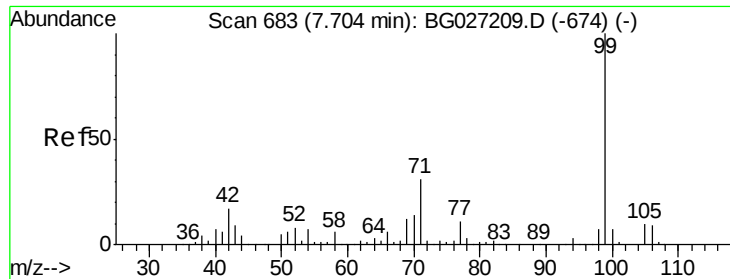
2-Fluorophenol
Concen: 145.425 ng
RT: 6.14 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027280.D
Acq: 7 Jun 2017 12:46

Tgt Ion:112 Resp: 512657
Ion Ratio Lower Upper
112 100
64 67.6 61.8 92.6
63 33.8 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: 127.762 ng

RT: 7.70 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-A

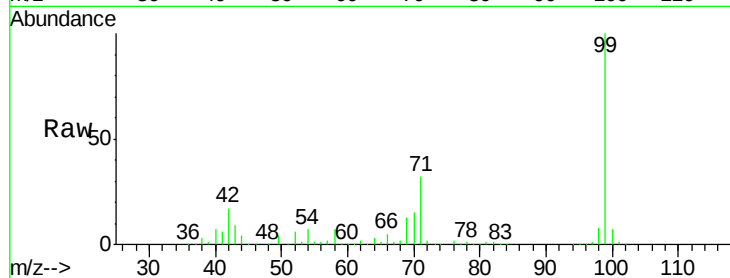
Tgt Ion: 99 Resp: 661126

Ion Ratio Lower Upper

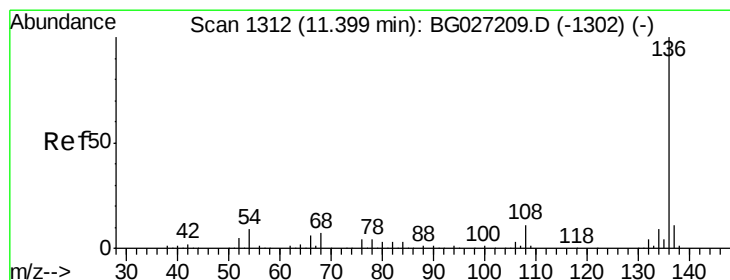
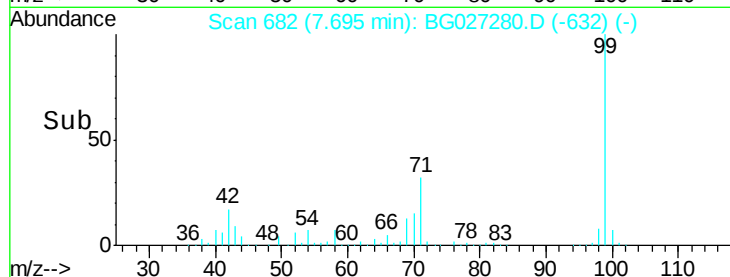
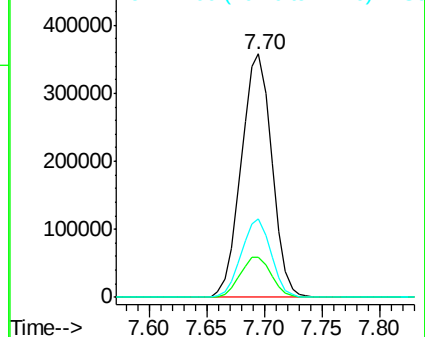
99 100

42 16.5 20.5 30.7#

71 32.0 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: BG027280.D

Acq: 7 Jun 2017 12:46

Tgt Ion: 136 Resp: 245047

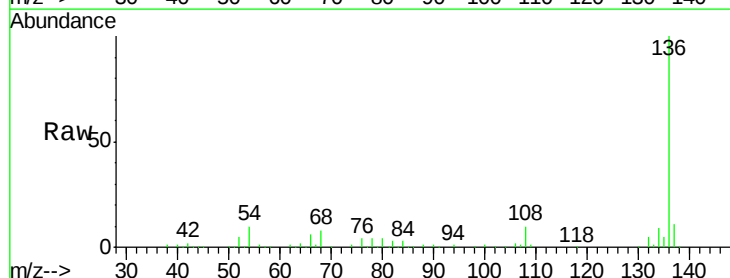
Ion Ratio Lower Upper

136 100

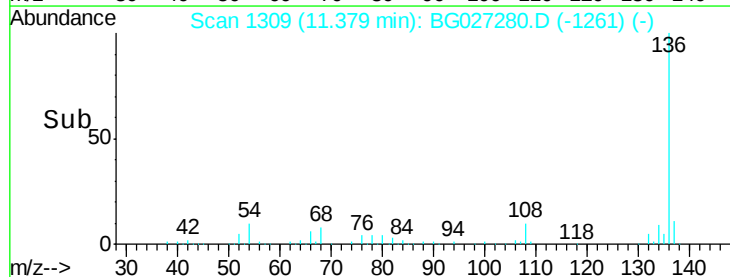
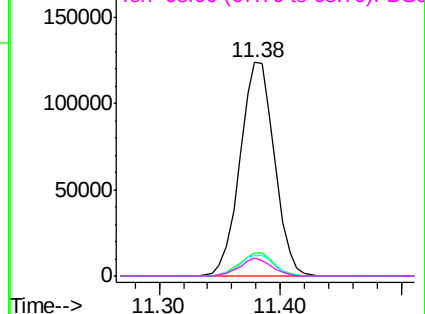
137 11.1 8.9 13.3

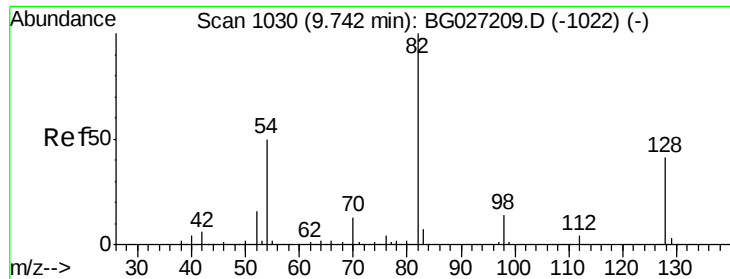
54 9.5 9.3 13.9

68 8.3 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

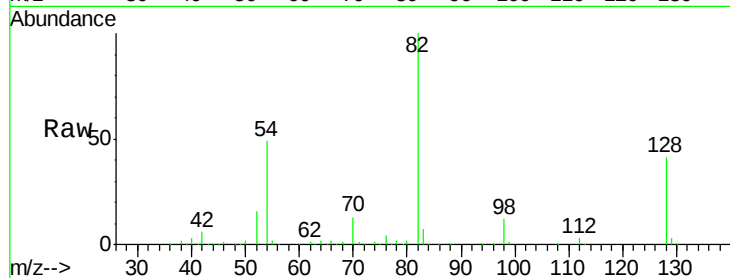




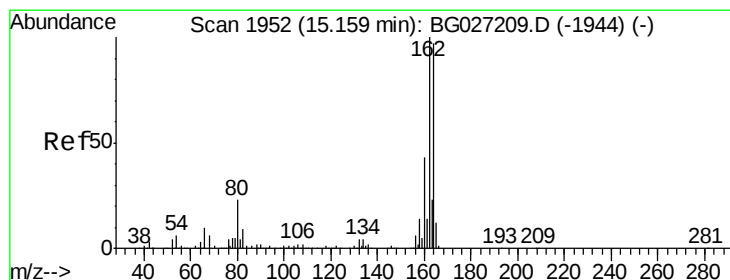
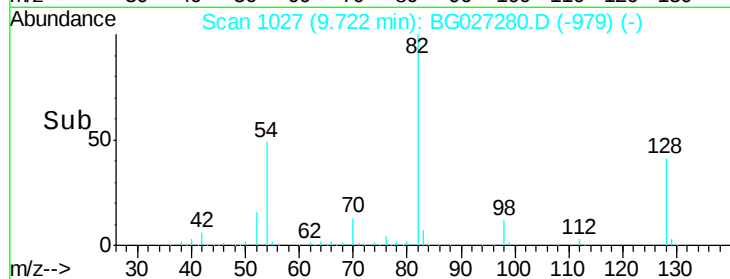
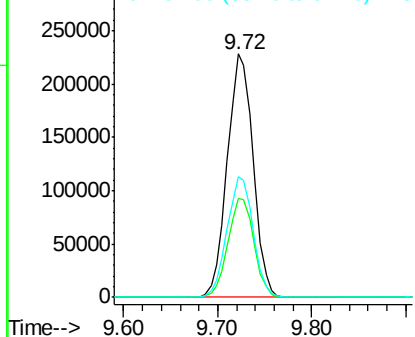
#23
Nitrobenzene-d5
Concen: 111.589 ng
RT: 9.72 min Scan# 1027
Delta R.T. -0.02 min
Lab File: BG027280.D
Acq: 7 Jun 2017 12:46

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

Tgt Ion: 82 Resp: 434801
Ion Ratio Lower Upper
82 100
128 40.8 26.4 39.6#
54 49.5 49.4 74.2

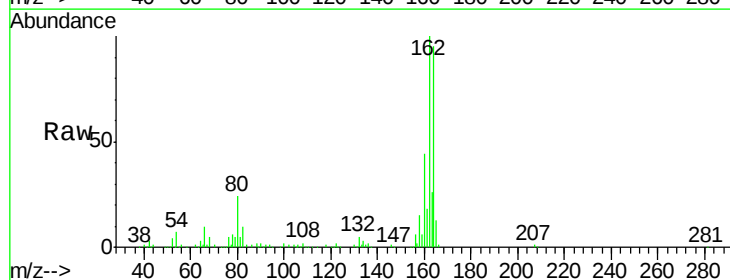


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

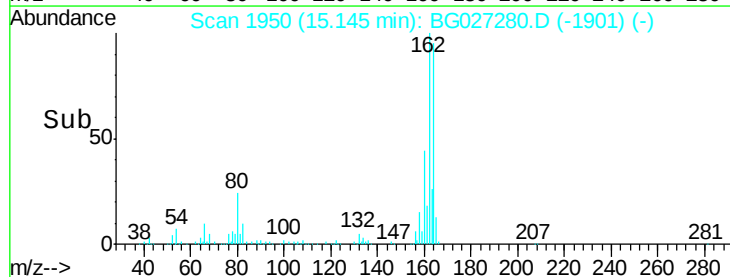
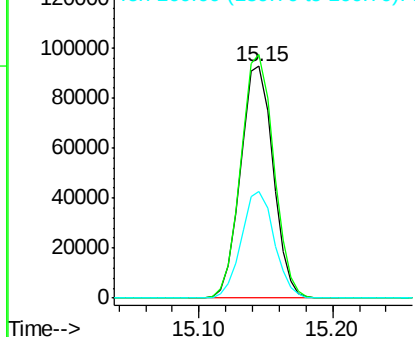


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.15 min Scan# 1950
Delta R.T. -0.01 min
Lab File: BG027280.D
Acq: 7 Jun 2017 12:46

Tgt Ion: 164 Resp: 156263
Ion Ratio Lower Upper
164 100
162 105.0 85.1 127.7
160 46.0 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

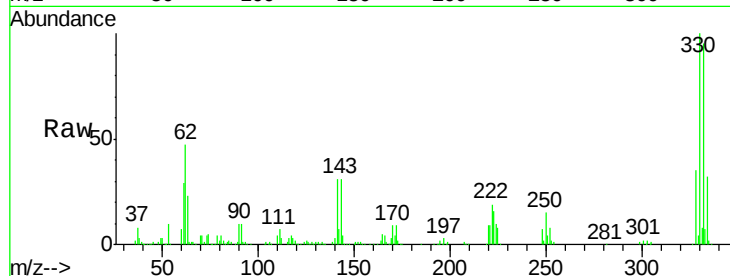




#41
 2,4,6-Tribromophenol
 Concen: 164.931 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027280.D
 Acq: 7 Jun 2017 12:46

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

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	32.3	32.1	48.1

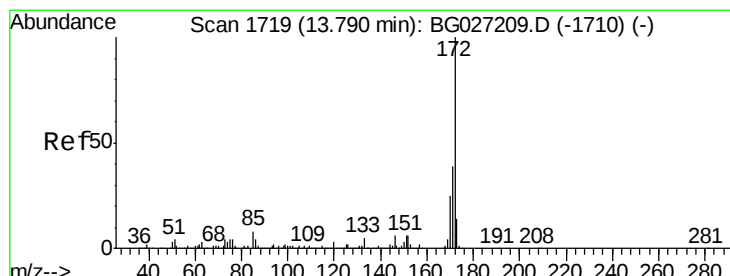
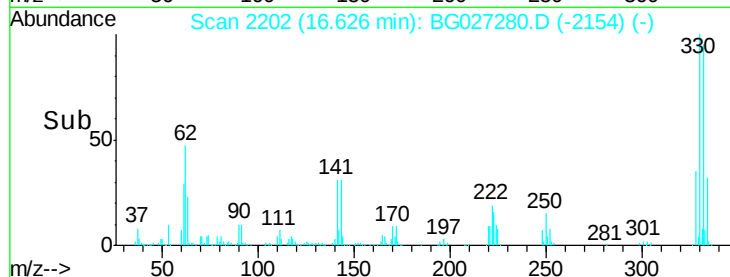
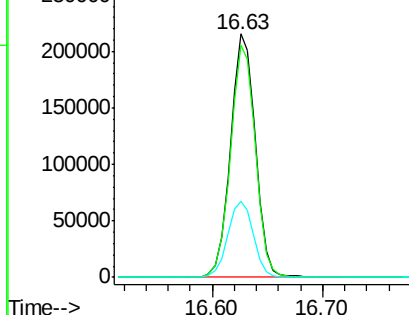


Abundance

Ion 329.80 (329.50 to 330.50): E

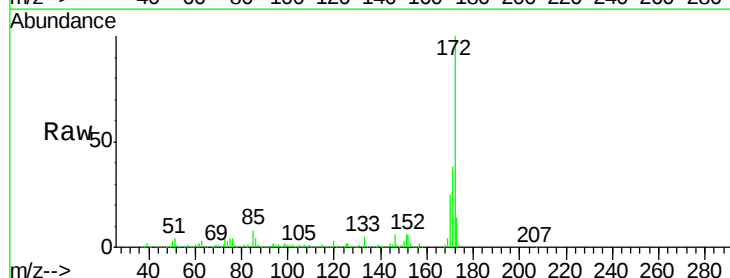
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.793 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027280.D
 Acq: 7 Jun 2017 12:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.8	21.8	32.6

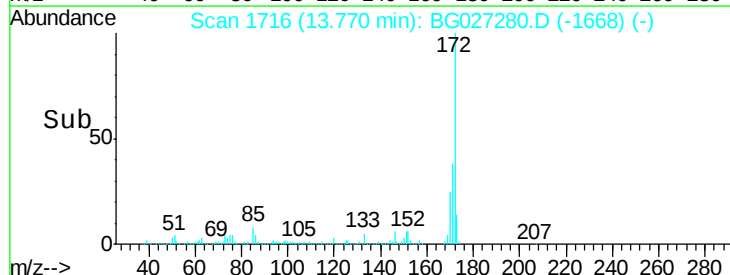
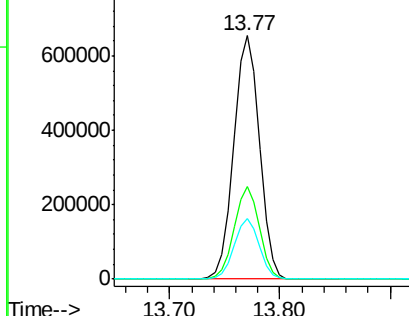


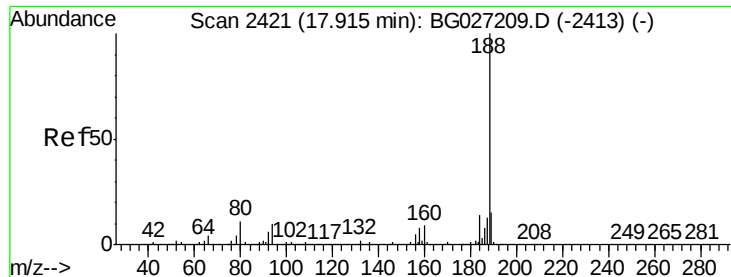
Abundance

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

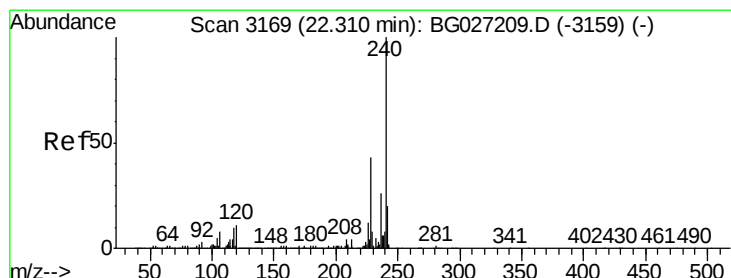
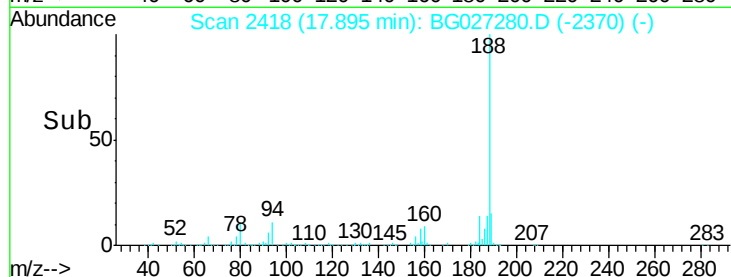
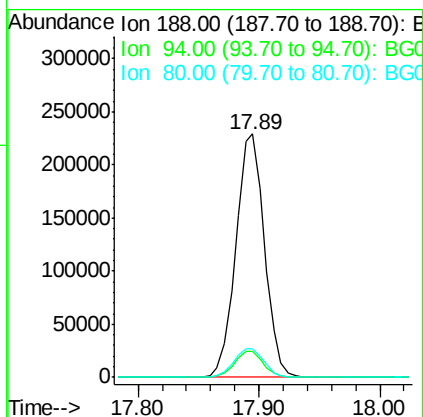
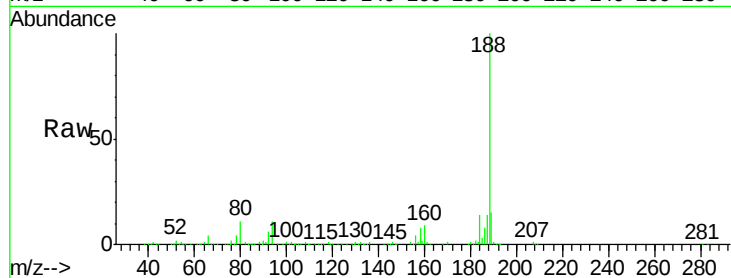




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BG027280.D
Acq: 7 Jun 2017 12:46

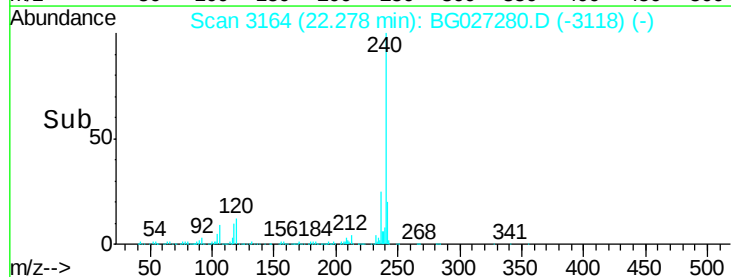
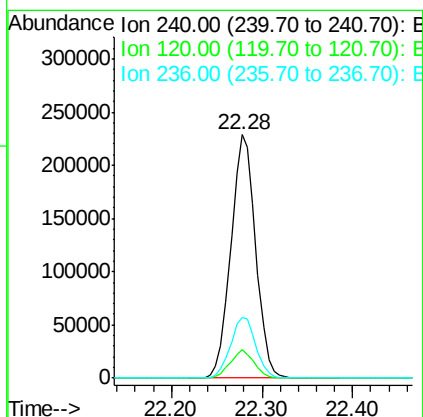
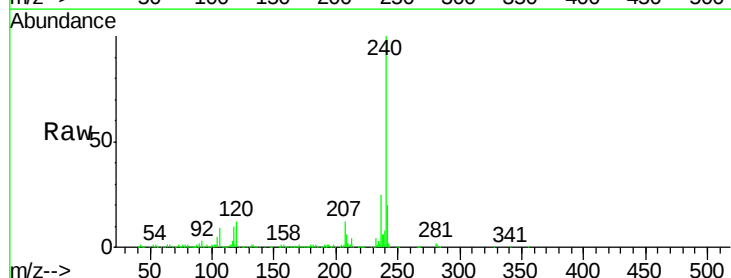
Instrument :
BNA_G
ClientSampleId :
CL-01-060517-A

Tgt Ion:188 Resp: 377102
Ion Ratio Lower Upper
188 100
94 10.6 5.8 8.8#
80 11.5 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: BG027280.D
Acq: 7 Jun 2017 12:46

Tgt Ion:240 Resp: 433182
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.0 22.2 33.4





#78

Terphenyl-d14

Concen: 101.003 ng

RT: 20.47 min Scan# 2857

Delta R.T. -0.02 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-A

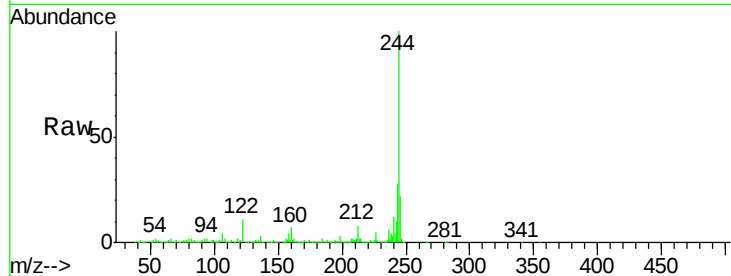
Tgt Ion:244 Resp: 1715118

Ion Ratio Lower Upper

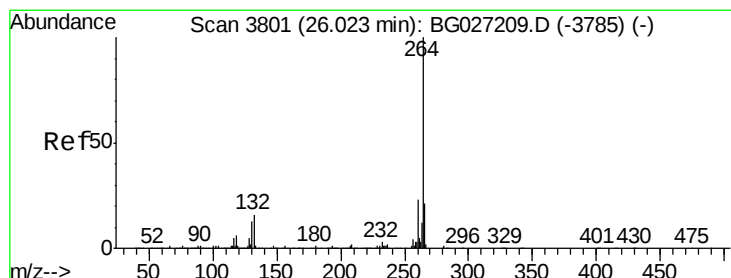
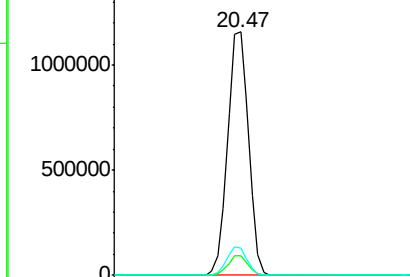
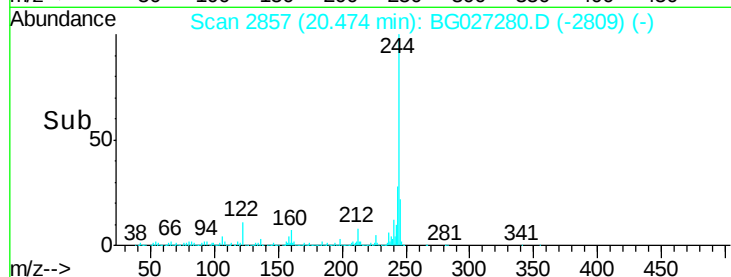
244 100

212 8.3 10.0 15.0#

122 11.4 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. -0.06 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

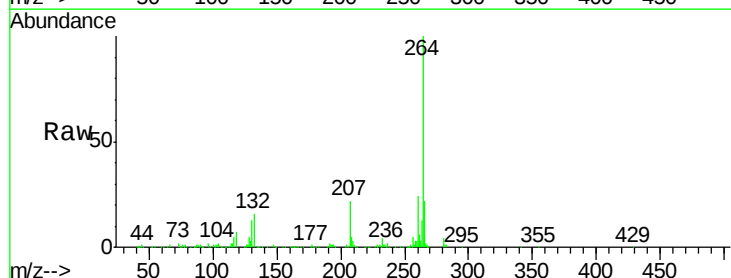
Tgt Ion:264 Resp: 397649

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.9 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

