

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027282.D
 Acq On : 7 Jun 2017 14:04
 Operator : SJ/MA
 Sample : I3482-09
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

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

Quant Time: Jun 07 15:23:45 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

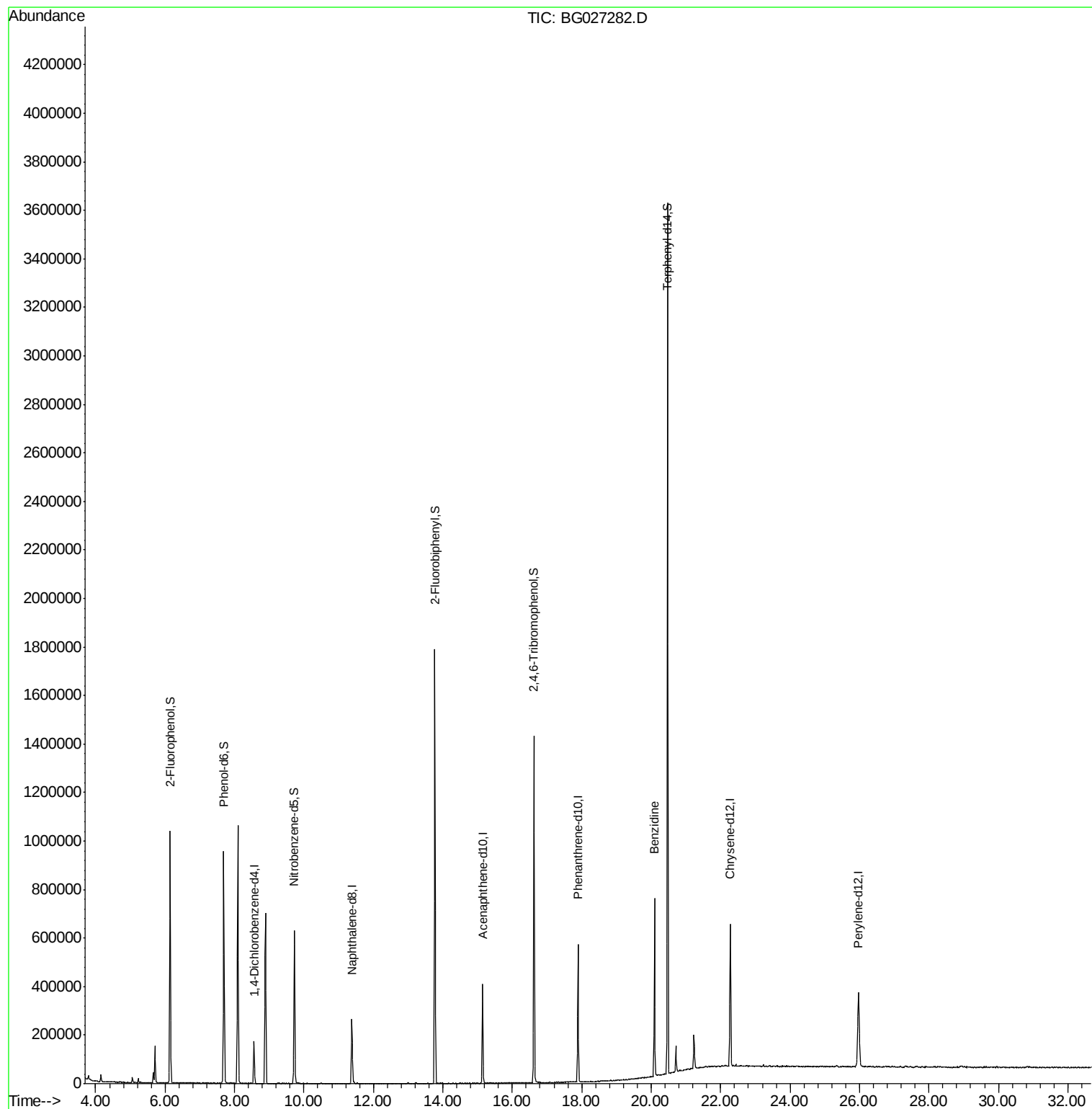
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	50423	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	237626	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	150566	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	359802	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	414690	20.00	ng	-0.03
86) Perylene-d12	25.97	264	381408	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	491829	148.84	ng	-0.01
7) Phenol-d6	7.69	99	643583	132.69	ng	-0.01
23) Nitrobenzene-d5	9.72	82	414340	109.66	ng	-0.02
41) 2,4,6-Tribromophenol	16.63	330	292481	147.52	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	995095	92.46	ng	-0.02
78) Terphenyl-d14	20.47	244	1621358	99.74	ng	-0.02
Target Compounds						
76) Benzidine	20.09	184	433060	34.667	ng	Qvalue 97

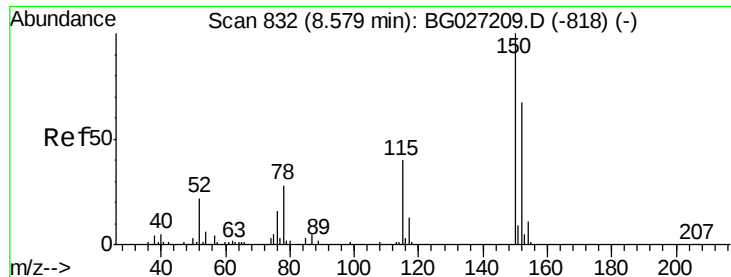
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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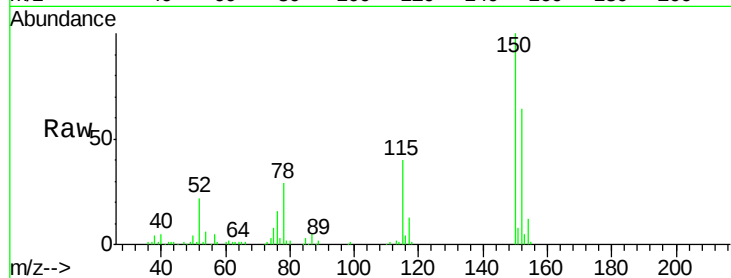


#1

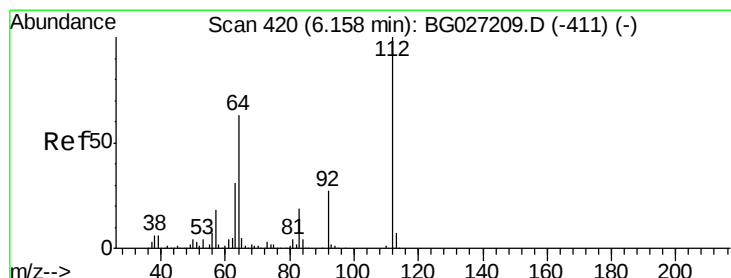
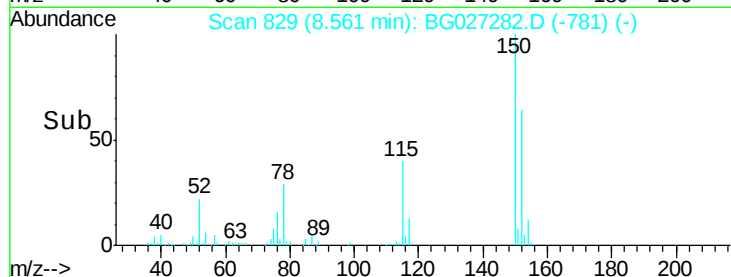
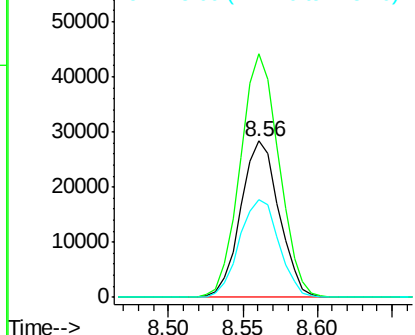
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027282.D
Acq: 7 Jun 2017 14:04

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

Tgt Ion:152 Resp: 50423
Ion Ratio Lower Upper
152 100
150 156.1 114.0 171.0
115 62.8 48.1 72.1



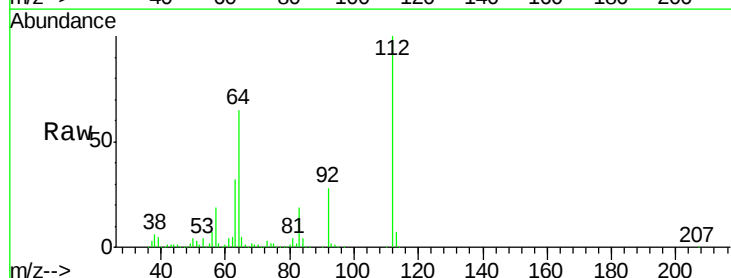
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



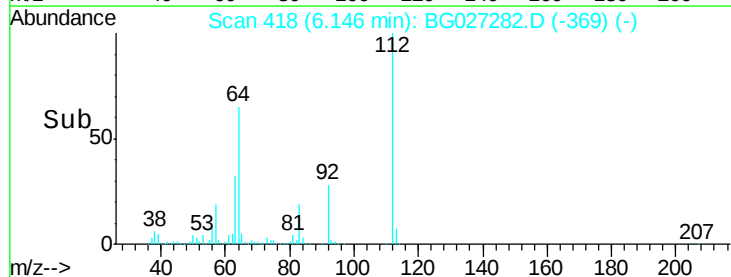
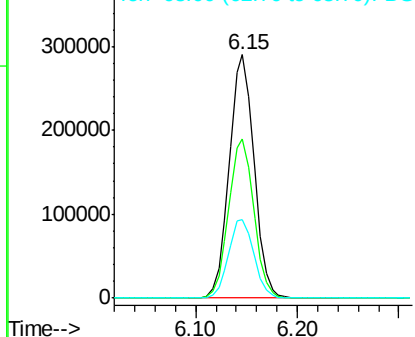
#5

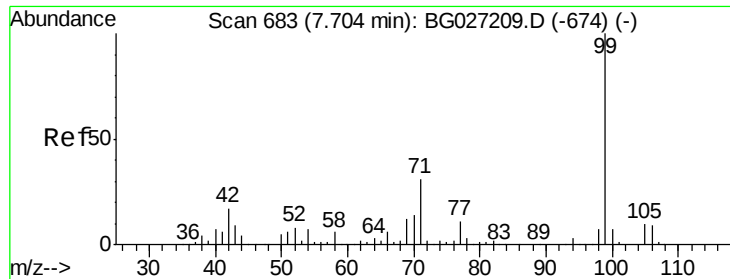
2-Fluorophenol
Concen: 148.844 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027282.D
Acq: 7 Jun 2017 14:04

Tgt Ion:112 Resp: 491829
Ion Ratio Lower Upper
112 100
64 65.4 61.8 92.6
63 32.0 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: 132.686 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

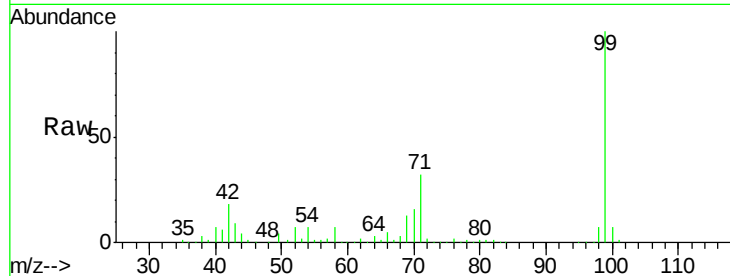
Tgt Ion: 99 Resp: 643583

Ion Ratio Lower Upper

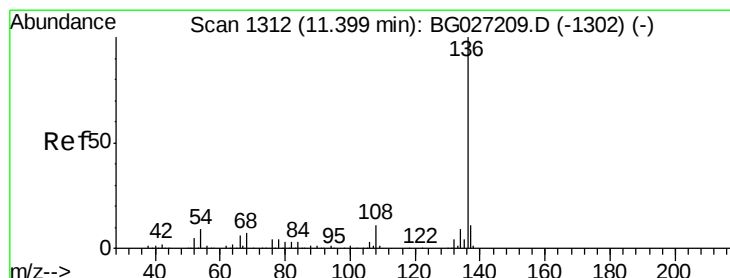
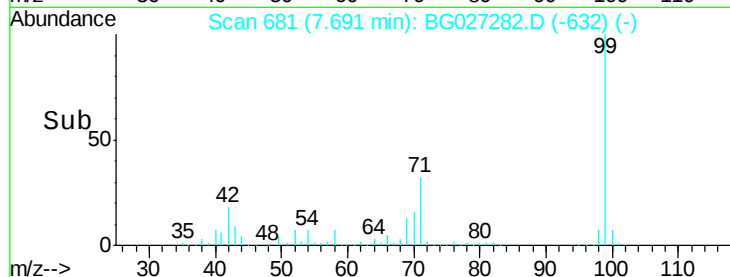
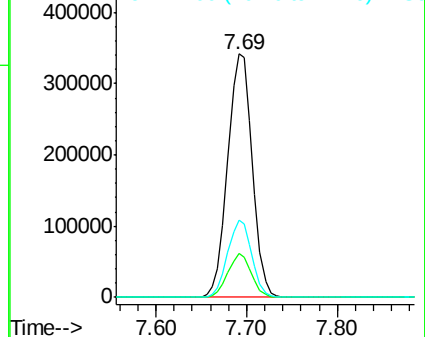
99 100

42 17.8 20.5 30.7#

71 31.7 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: BG027282.D

Acq: 7 Jun 2017 14:04

Tgt Ion: 136 Resp: 237626

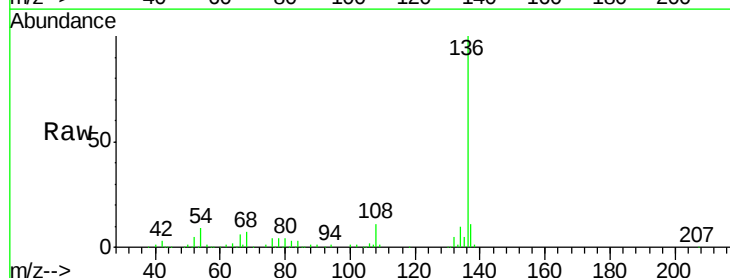
Ion Ratio Lower Upper

136 100

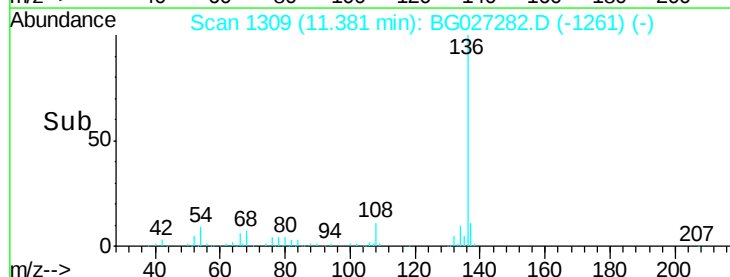
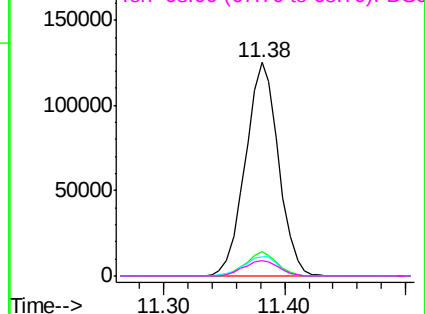
137 11.4 8.9 13.3

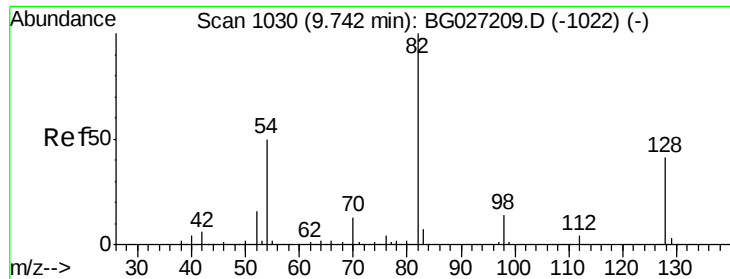
54 9.2 9.3 13.9#

68 7.4 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

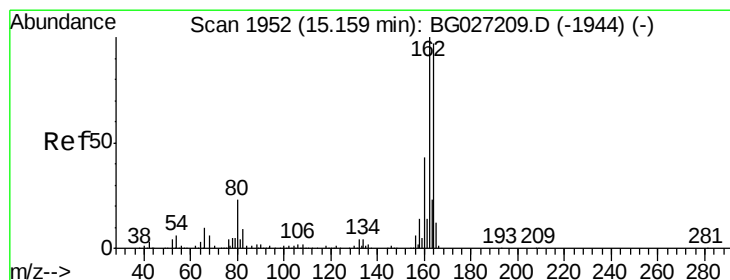
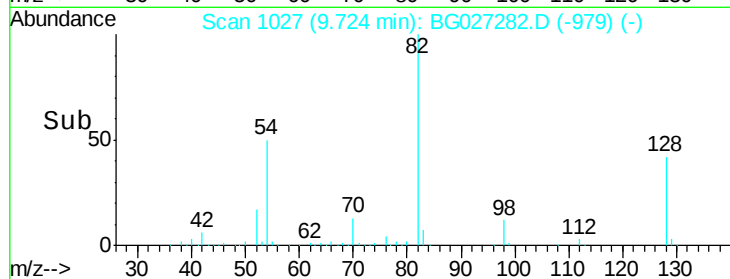
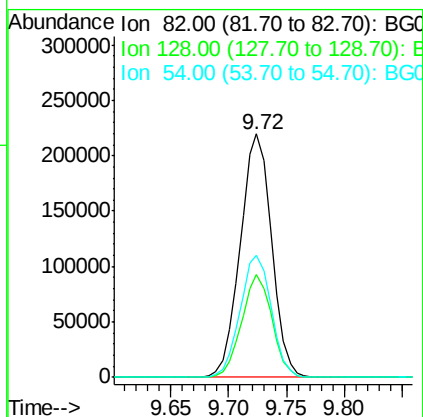
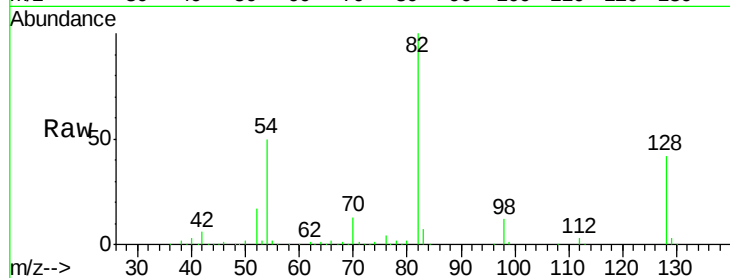




#23
 Nitrobenzene-d5
 Concen: 109.658 ng
 RT: 9.72 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

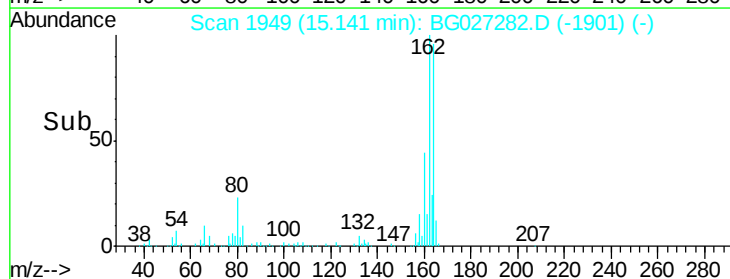
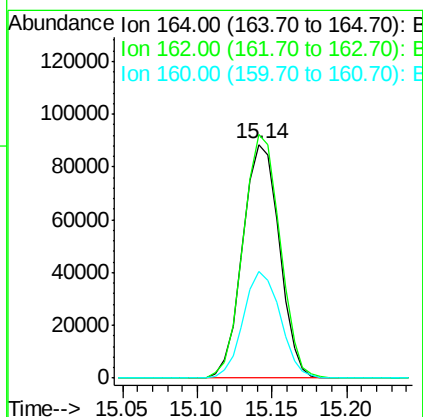
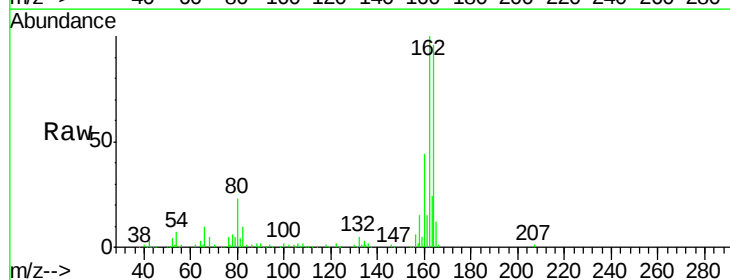
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-C

Tgt Ion: 82 Resp: 414340
 Ion Ratio Lower Upper
 82 100
 128 42.2 26.4 39.6#
 54 50.1 49.4 74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

Tgt Ion: 164 Resp: 150566
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.1 127.7
 160 45.9 34.7 52.1

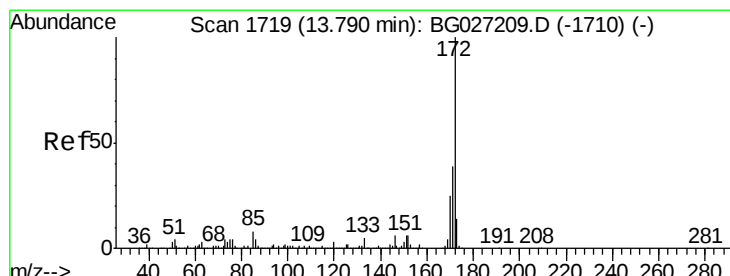
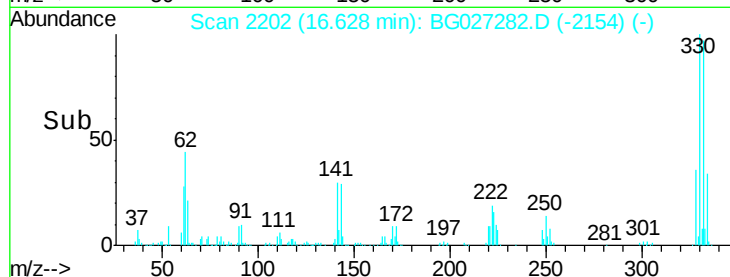
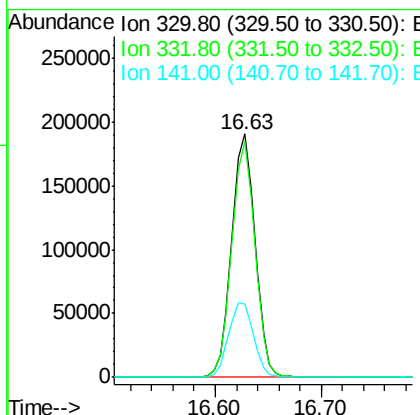
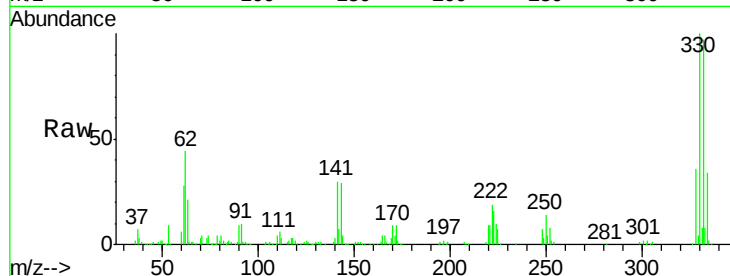




#41
 2,4,6-Tribromophenol
 Concen: 147.517 ng
 RT: 16.63 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

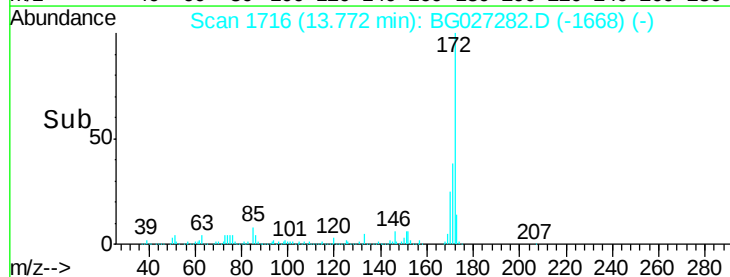
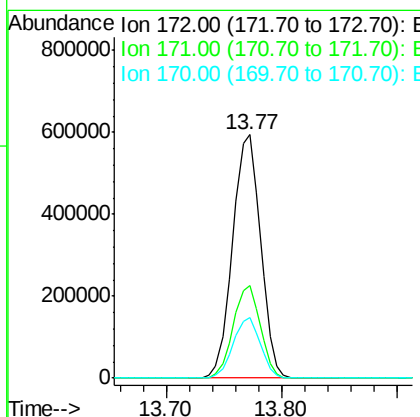
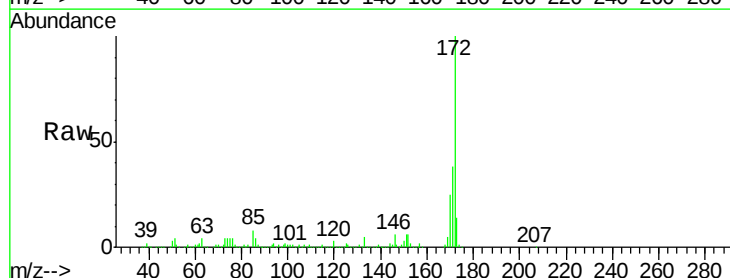
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-C

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.3	115.9
141	32.6	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 92.459 ng
 RT: 13.77 min Scan# 1716
 Delta R.T. -0.02 min
 Lab File: BG027282.D
 Acq: 7 Jun 2017 14:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	32.2	48.2
170	25.1	21.8	32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.89 min Scan# 2417

Delta R.T. -0.02 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

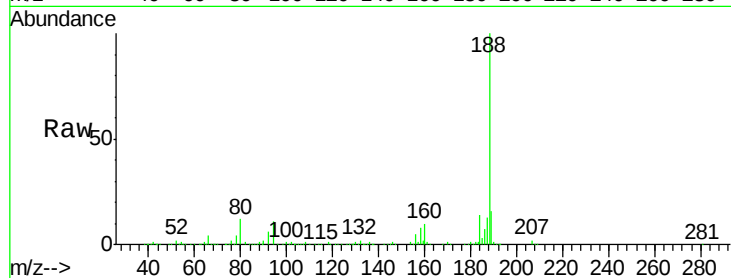
Tgt Ion:188 Resp: 359802

Ion Ratio Lower Upper

188 100

94 11.2 5.8 8.8#

80 12.5 7.5 11.3#

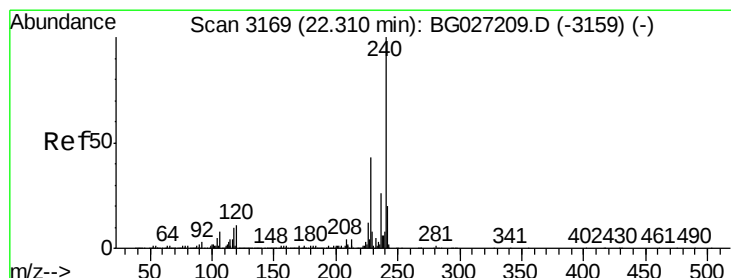
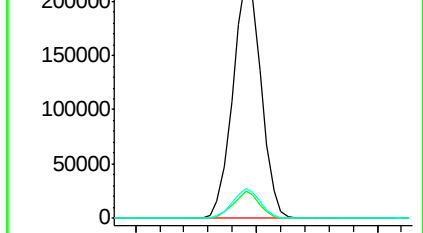
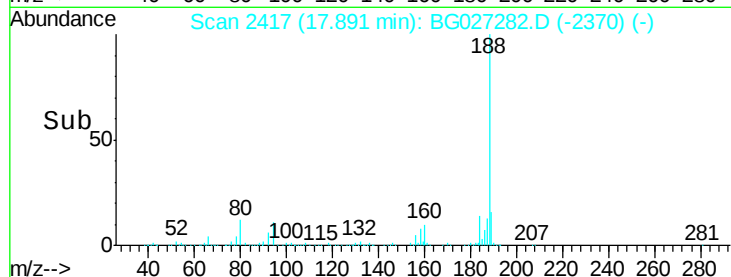


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

Time--> 17.80 17.90 18.00



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.28 min Scan# 3164

Delta R.T. -0.03 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

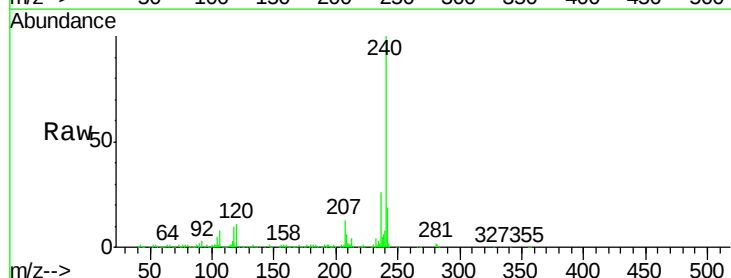
Tgt Ion:240 Resp: 414690

Ion Ratio Lower Upper

240 100

120 11.0 5.7 8.5#

236 25.5 22.2 33.4

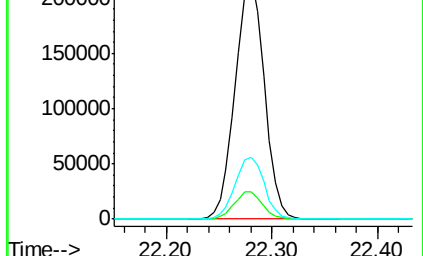
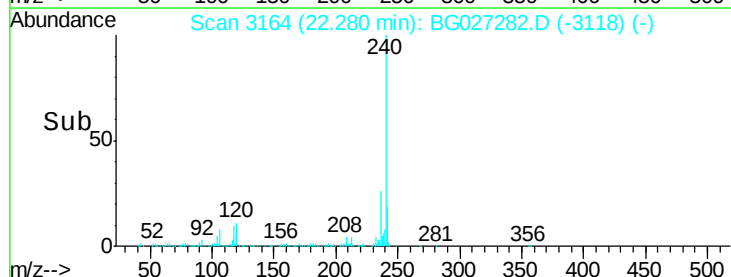


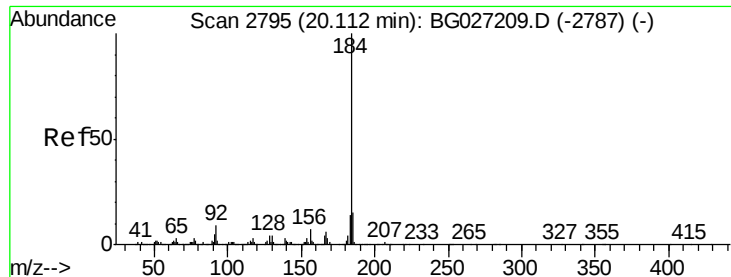
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time--> 22.20 22.30 22.40





#76

Benzidine

Concen: 34.667 ng

RT: 20.09 min Scan# 2792

Delta R.T. -0.02 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

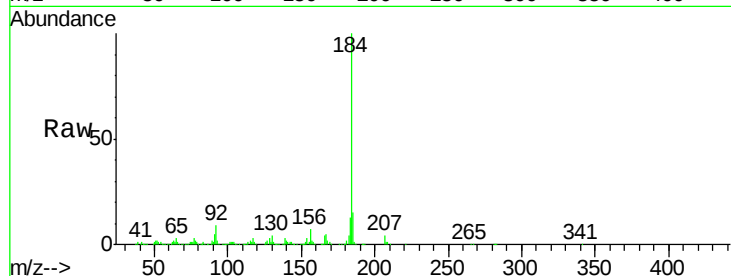
Tgt Ion:184 Resp: 433060

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

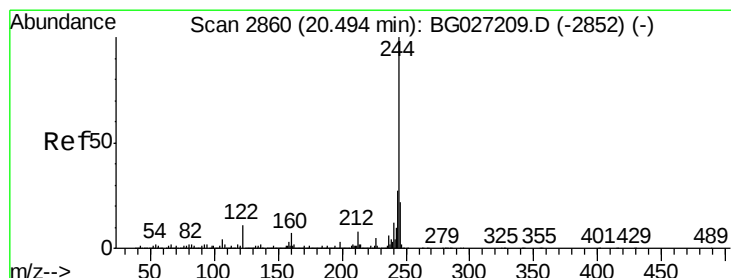
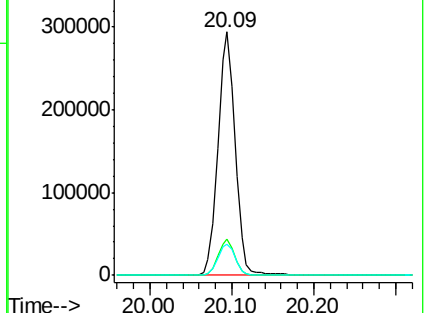
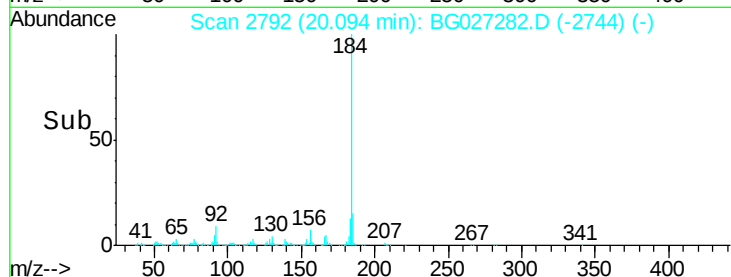
183 12.7 11.0 16.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 99.739 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027282.D

Acq: 7 Jun 2017 14:04

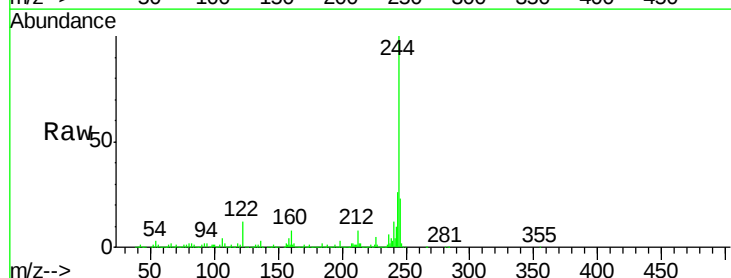
Tgt Ion:244 Resp: 1621358

Ion Ratio Lower Upper

244 100

212 8.5 10.0 15.0#

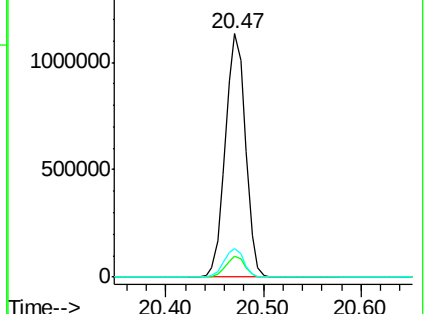
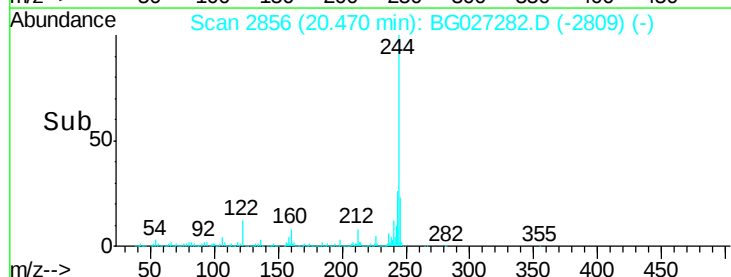
122 11.8 8.6 12.8

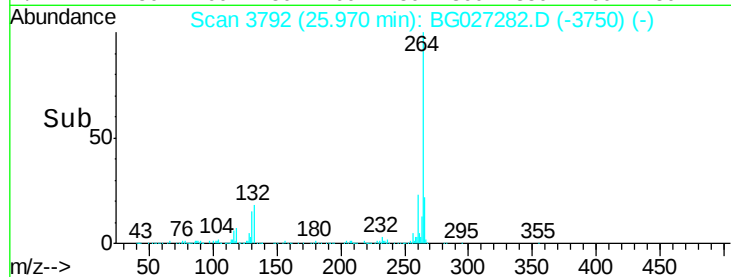
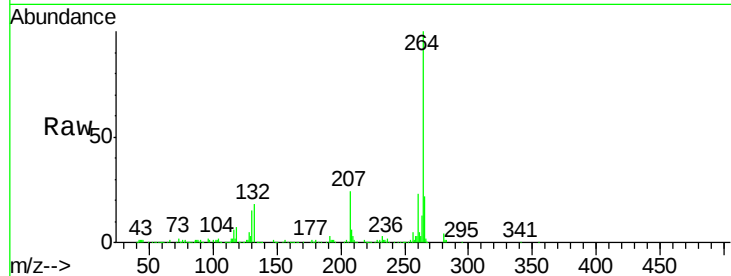
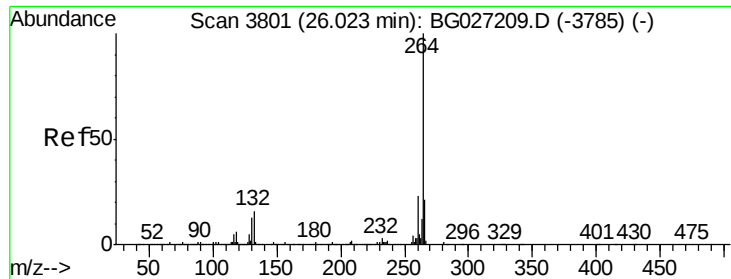


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG027282.D

Acq: 7 Jun 2017 14:04

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-C

Tgt Ion: 264 Resp: 381408

Ion Ratio Lower Upper

264 100

260 23.4 21.8 32.8

265 22.2 18.2 27.4

