

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060617\
 Data File : BG027284.D
 Acq On : 7 Jun 2017 15:22
 Operator : SJ/MA
 Sample : I3482-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Quant Time: Jun 07 16:35:49 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

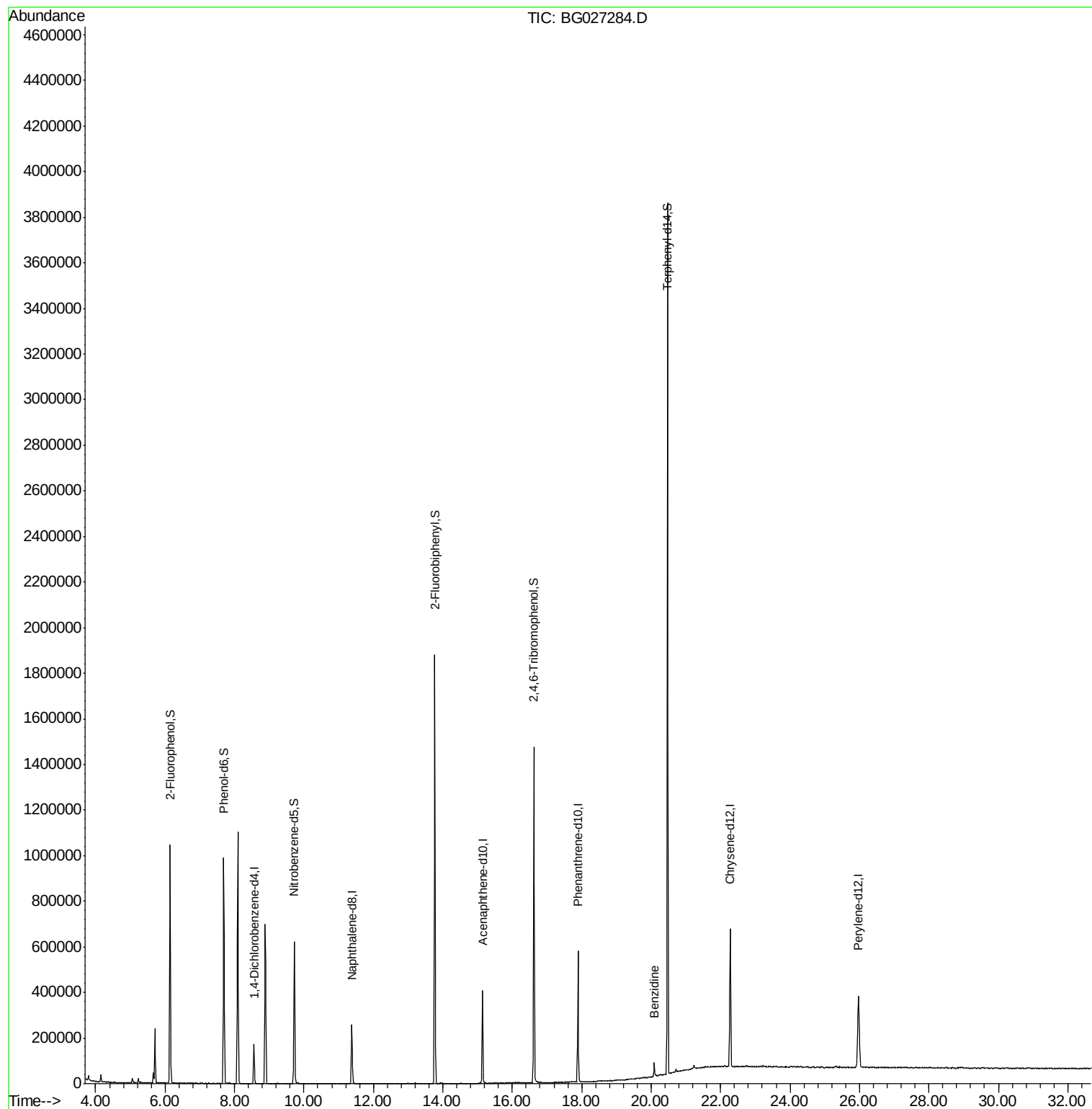
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	51074	20.00	ng	-0.02
21) Naphthalene-d8	11.38	136	234251	20.00	ng	-0.02
38) Acenaphthene-d10	15.14	164	146808	20.00	ng	-0.02
63) Phenanthrene-d10	17.89	188	366057	20.00	ng	-0.02
75) Chrysene-d12	22.28	240	427903	20.00	ng	-0.03
86) Perylene-d12	25.97	264	390576	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	502487	150.13	ng	-0.01
7) Phenol-d6	7.69	99	652849	132.88	ng	-0.01
23) Nitrobenzene-d5	9.73	82	412001	110.61	ng	-0.02
41) 2,4,6-Tribromophenol	16.62	330	299771	155.06	ng	-0.02
44) 2-Fluorobiphenyl	13.77	172	1004250	95.70	ng	-0.02
78) Terphenyl-d14	20.47	244	1720382	102.56	ng	-0.02
Target Compounds						
76) Benzidine	20.09	184	36432	2.826	ng	Qvalue 98

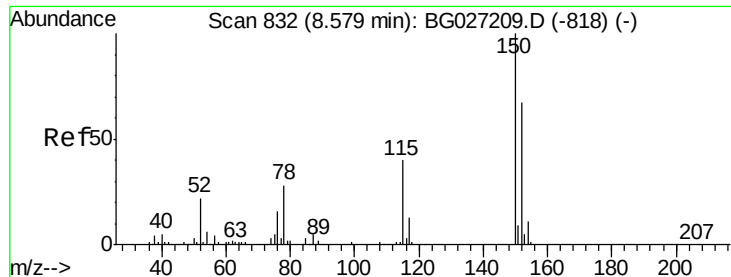
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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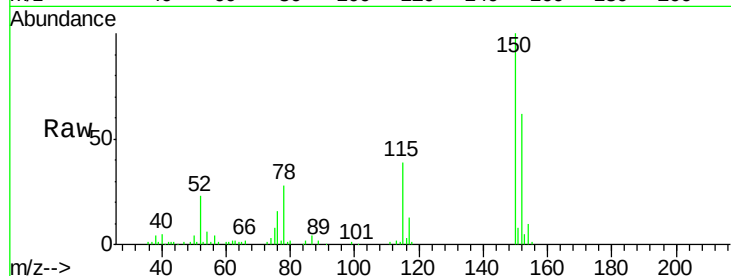


#1

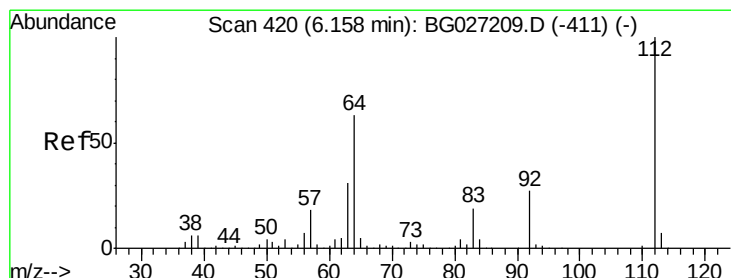
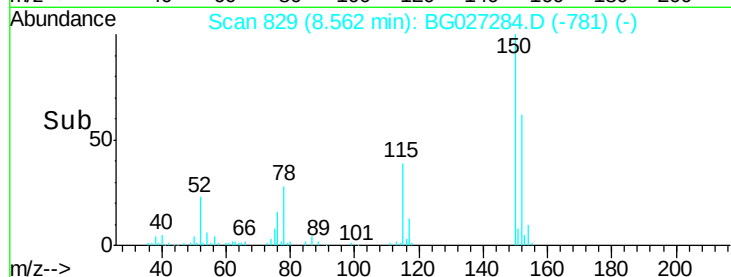
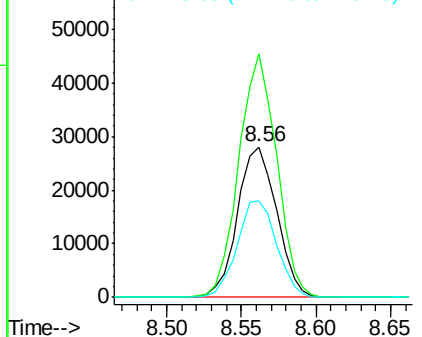
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.56 min Scan# 829
Delta R.T. -0.02 min
Lab File: BG027284.D
Acq: 7 Jun 2017 15:22

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

Tgt Ion:152 Resp: 51074
Ion Ratio Lower Upper
152 100
150 162.1 114.0 171.0
115 63.8 48.1 72.1



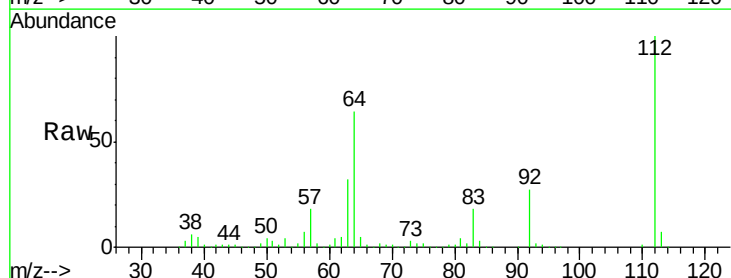
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



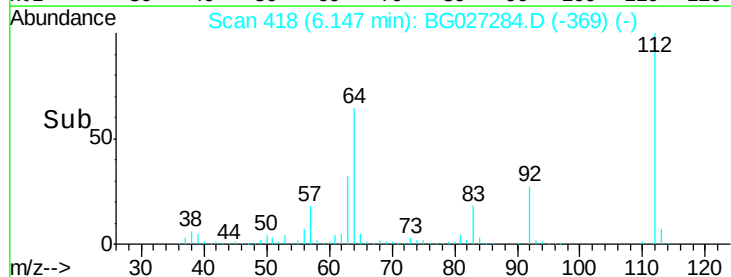
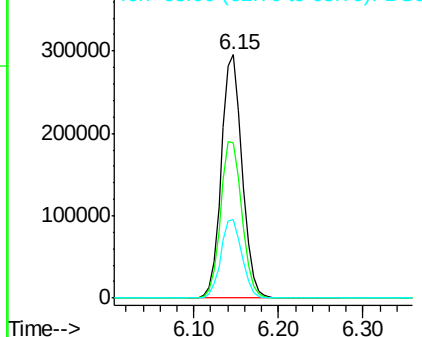
#5

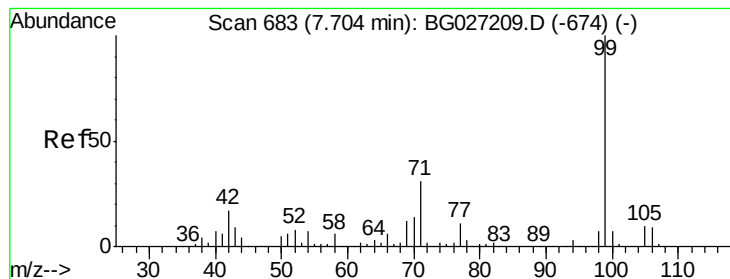
2-Fluorophenol
Concen: 150.131 ng
RT: 6.15 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG027284.D
Acq: 7 Jun 2017 15:22

Tgt Ion:112 Resp: 502487
Ion Ratio Lower Upper
112 100
64 63.9 61.8 92.6
63 32.3 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: 132.881 ng

RT: 7.69 min Scan# 681

Delta R.T. -0.01 min

Lab File: BG027284.D

Acq: 7 Jun 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-E

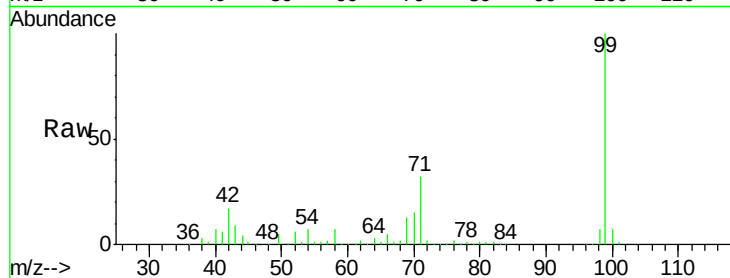
Tgt Ion: 99 Resp: 652849

Ion Ratio Lower Upper

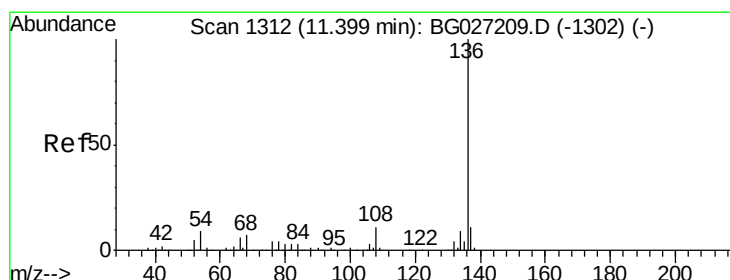
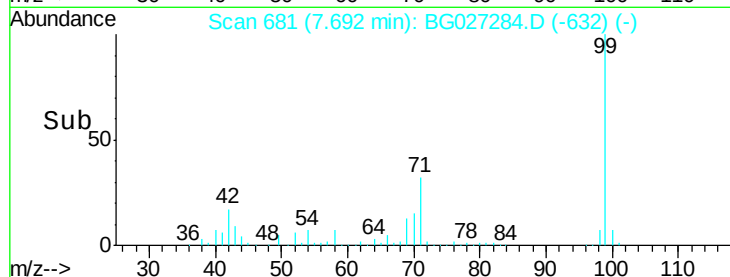
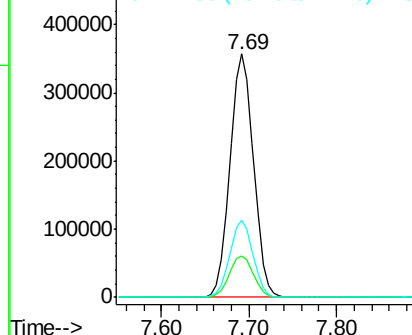
99 100

42 17.2 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: BG027284.D

Acq: 7 Jun 2017 15:22

Tgt Ion: 136 Resp: 234251

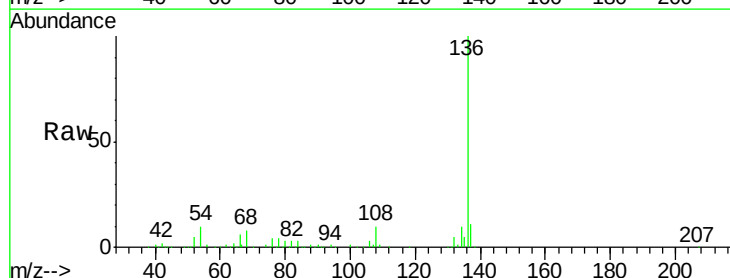
Ion Ratio Lower Upper

136 100

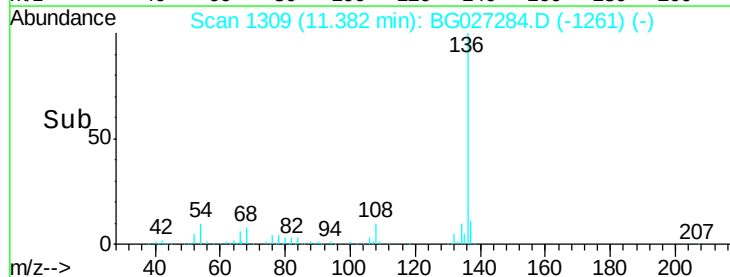
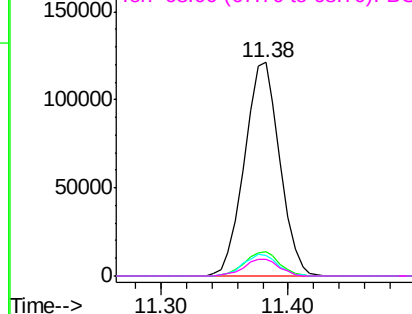
137 11.3 8.9 13.3

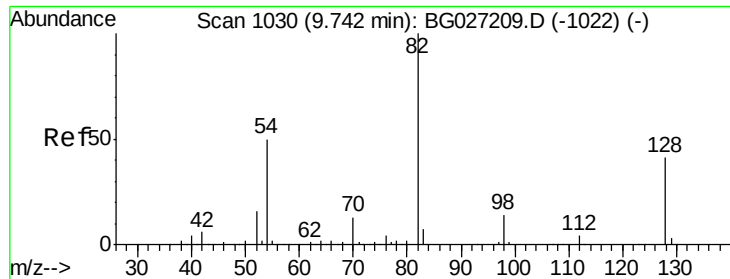
54 9.5 9.3 13.9

68 7.9 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

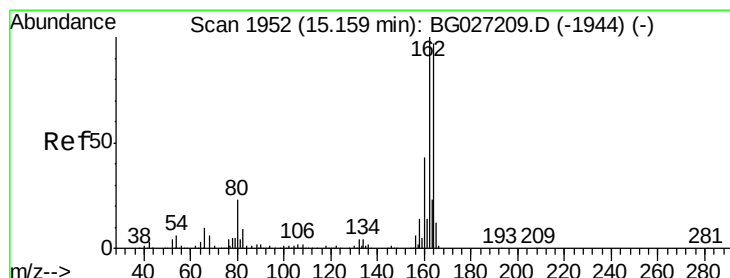
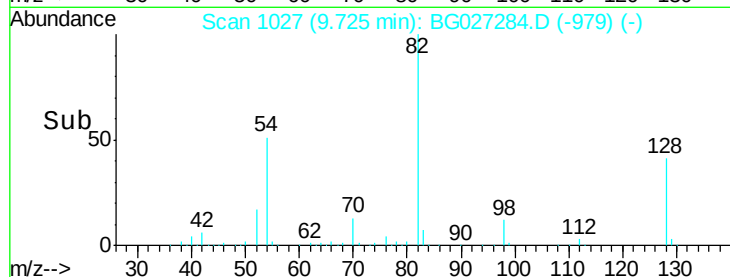
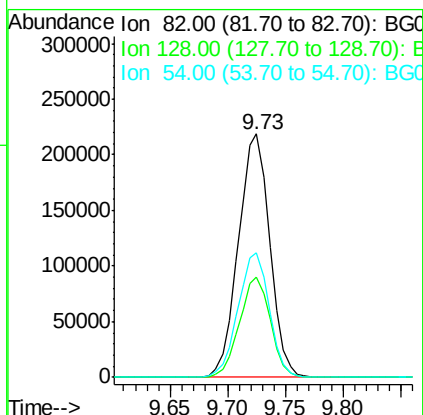
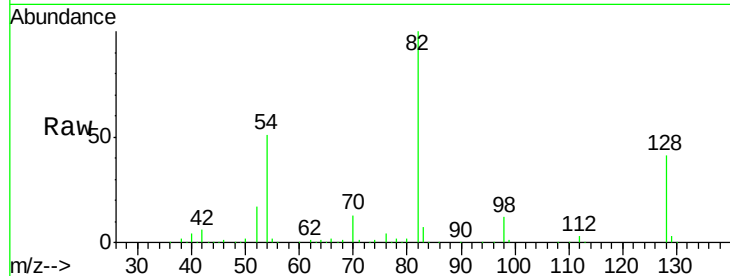




#23
 Nitrobenzene-d5
 Concen: 110.610 ng
 RT: 9.73 min Scan# 1027
 Delta R.T. -0.02 min
 Lab File: BG027284.D
 Acq: 7 Jun 2017 15:22

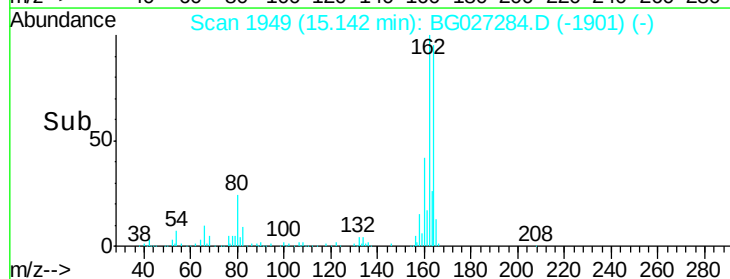
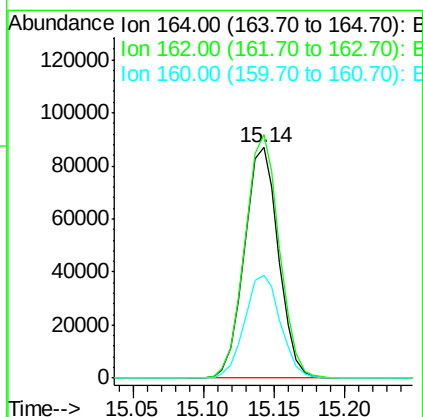
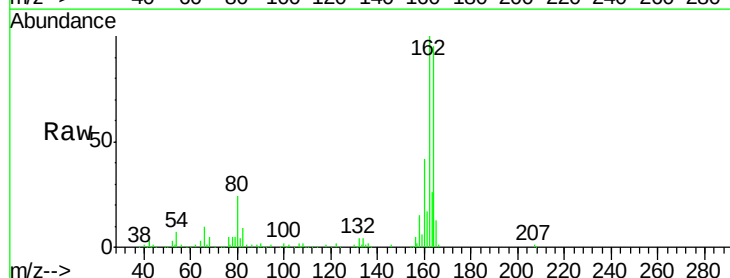
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-060517-E

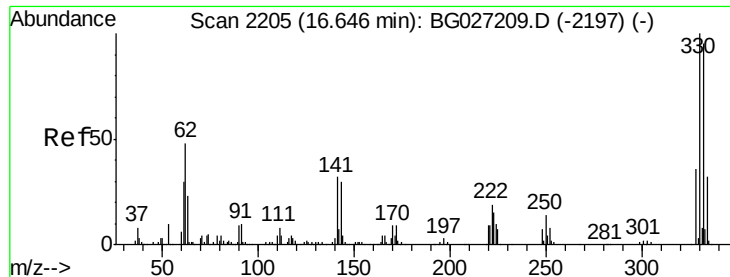
Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	26.4	39.6
54	51.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.14 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BG027284.D
 Acq: 7 Jun 2017 15:22

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	85.1	127.7
160	44.6	34.7	52.1

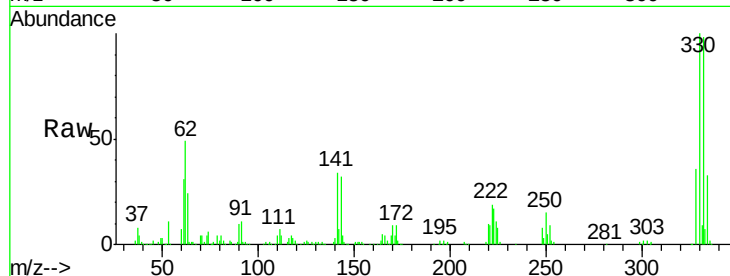




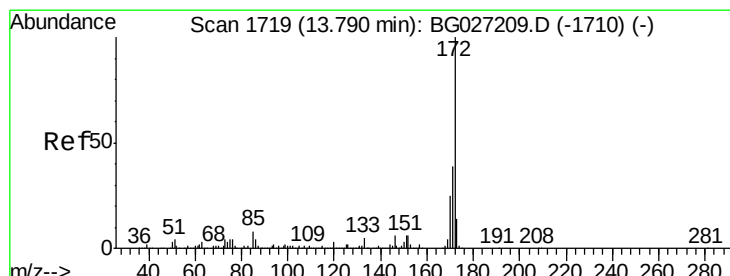
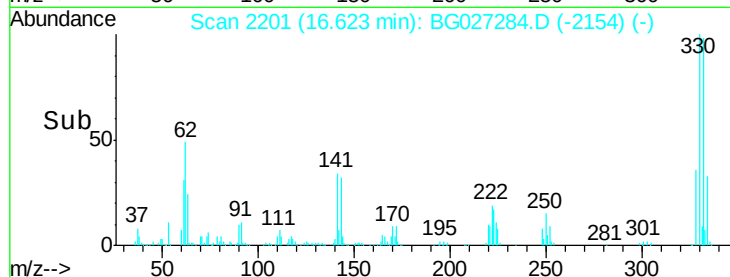
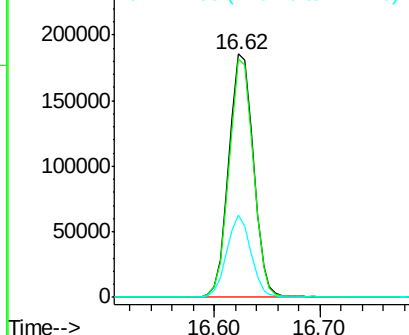
#41
 2,4,6-Tribromophenol
 Concen: 155.064 ng
 RT: 16.62 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BG027284.D
 Acq: 7 Jun 2017 15:22

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

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

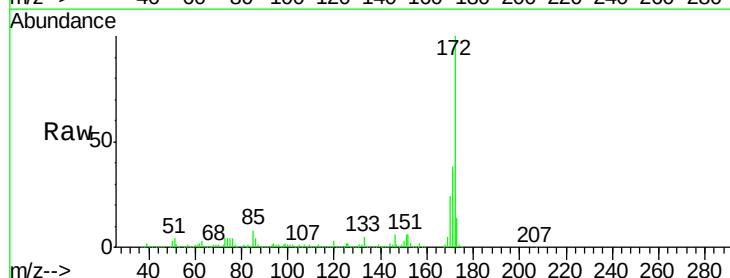


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

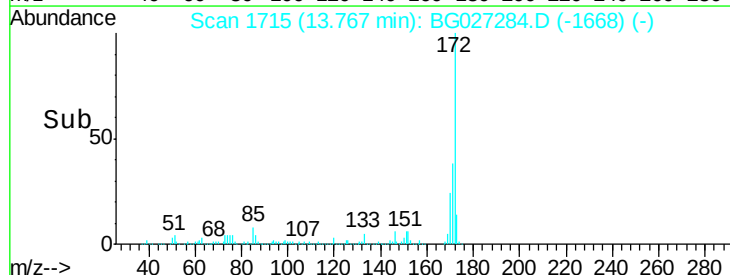
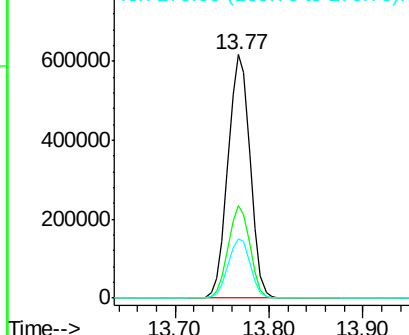


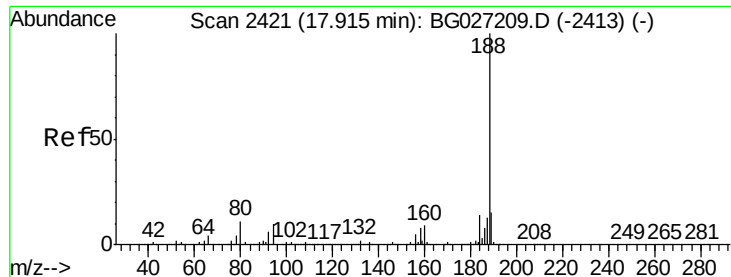
#44
 2-Fluorobiphenyl
 Concen: 95.698 ng
 RT: 13.77 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027284.D
 Acq: 7 Jun 2017 15:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	32.2	48.2
170	24.1	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

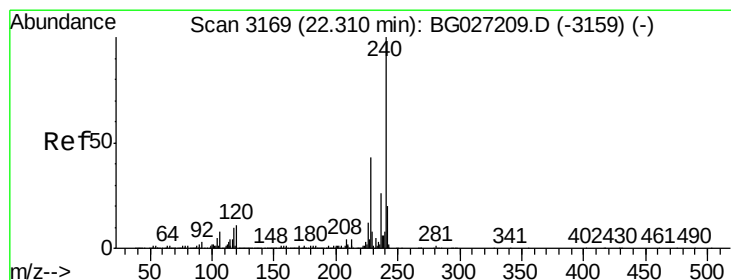
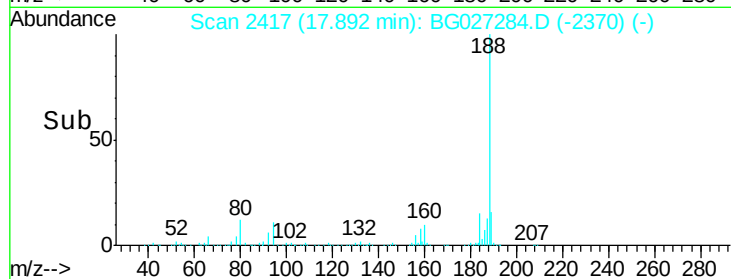
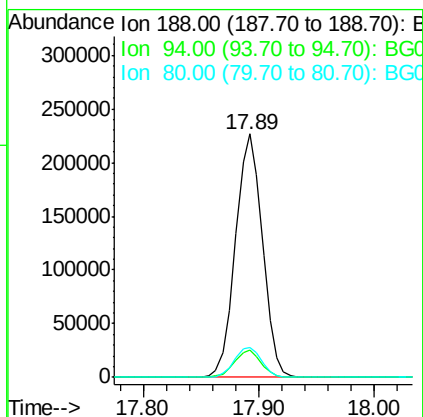
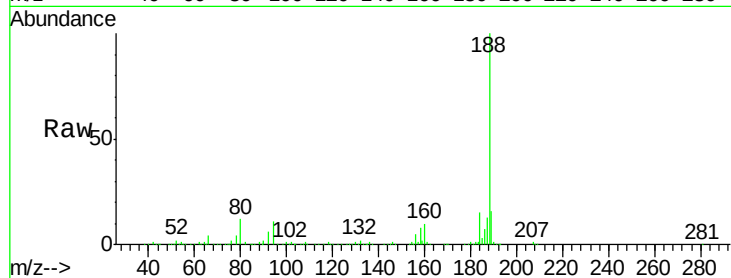




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.89 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027284.D
Acq: 7 Jun 2017 15:22

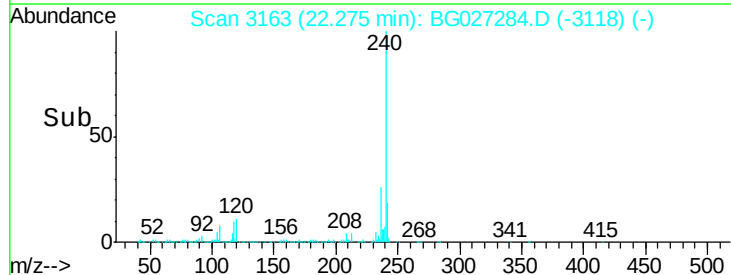
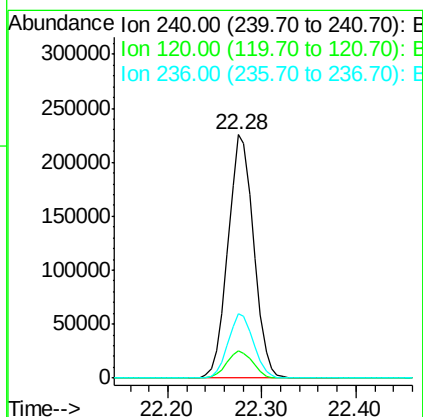
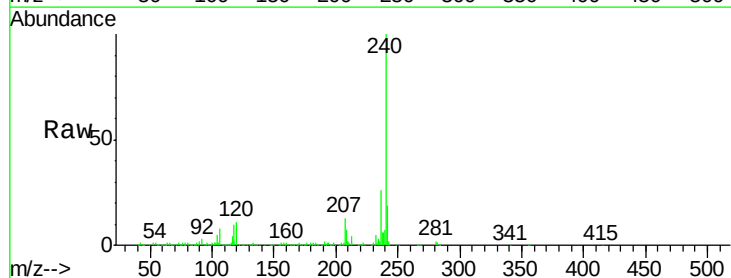
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ClientSampleId :
CL-01-060517-E

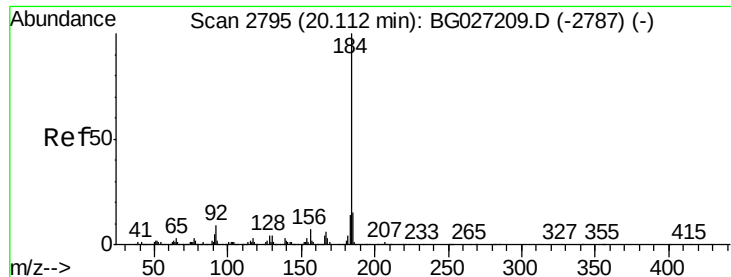
Tgt Ion:188 Resp: 366057
Ion Ratio Lower Upper
188 100
94 11.0 5.8 8.8#
80 12.2 7.5 11.3#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.28 min Scan# 3163
Delta R.T. -0.03 min
Lab File: BG027284.D
Acq: 7 Jun 2017 15:22

Tgt Ion:240 Resp: 427903
Ion Ratio Lower Upper
240 100
120 11.3 5.7 8.5#
236 26.2 22.2 33.4





#76

Benzidine

Concen: 2.826 ng

RT: 20.09 min Scan# 2791

Delta R.T. -0.02 min

Lab File: BG027284.D

Acq: 7 Jun 2017 15:22

Instrument :

BNA_G

ClientSampleId :

CL-01-060517-E

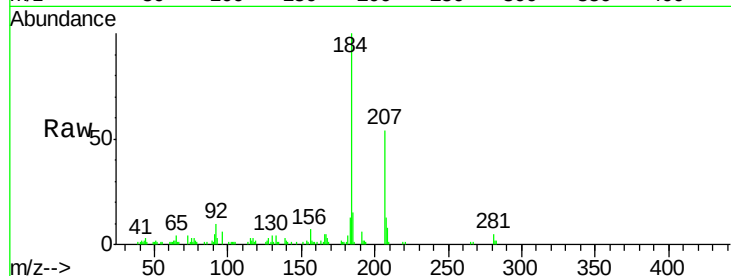
Tgt Ion:184 Resp: 36432

Ion Ratio Lower Upper

184 100

185 15.2 13.0 19.6

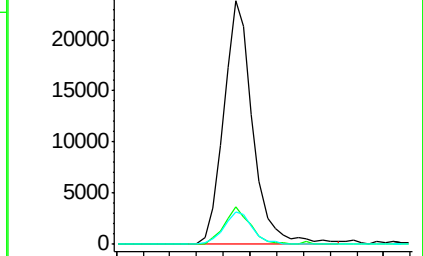
183 13.5 11.0 16.6



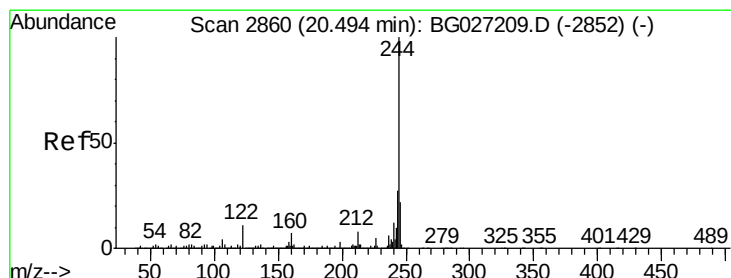
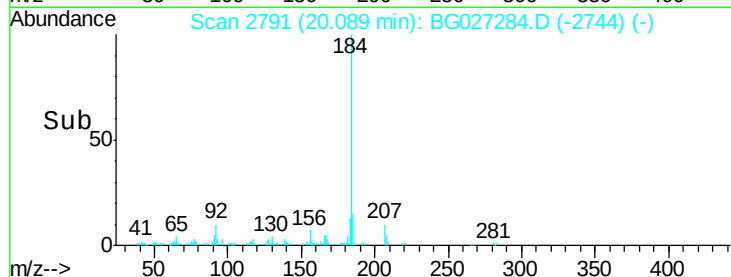
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time--> 20.00 20.10 20.20



#78

Terphenyl-d14

Concen: 102.563 ng

RT: 20.47 min Scan# 2856

Delta R.T. -0.02 min

Lab File: BG027284.D

Acq: 7 Jun 2017 15:22

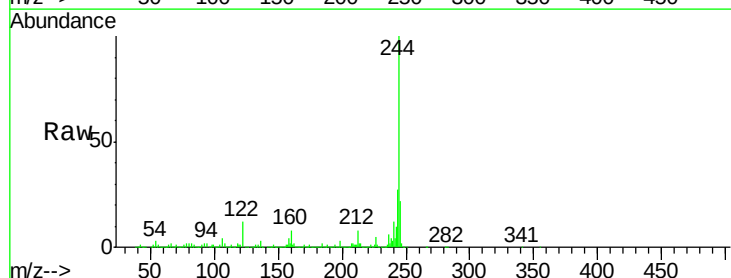
Tgt Ion:244 Resp: 1720382

Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

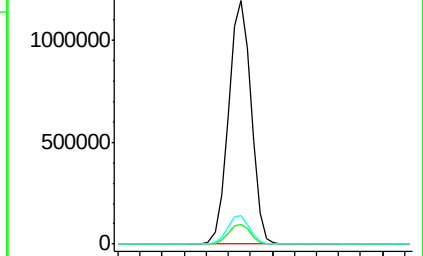
122 11.5 8.6 12.8



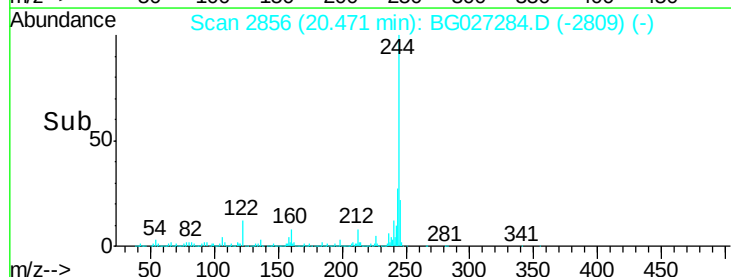
Abundance Ion 244.00 (243.70 to 244.70): E

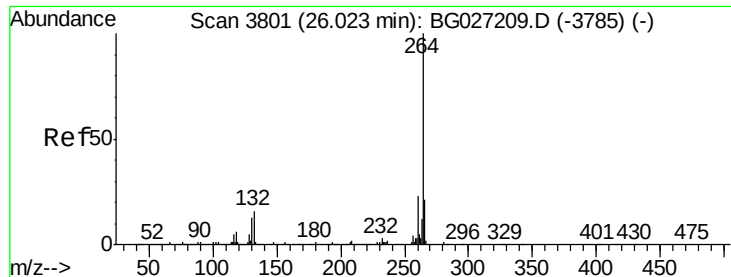
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 20.40 20.50 20.60





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.97 min Scan# 3792
Delta R.T. -0.05 min
Lab File: BG027284.D
Acq: 7 Jun 2017 15:22

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

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	23.2	18.2	27.4

