

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061417\
 Data File : BG027441.D
 Acq On : 15 Jun 2017 7:42
 Operator : SJ/MA
 Sample : I3660-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-132

Quant Time: Jun 15 08:18:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

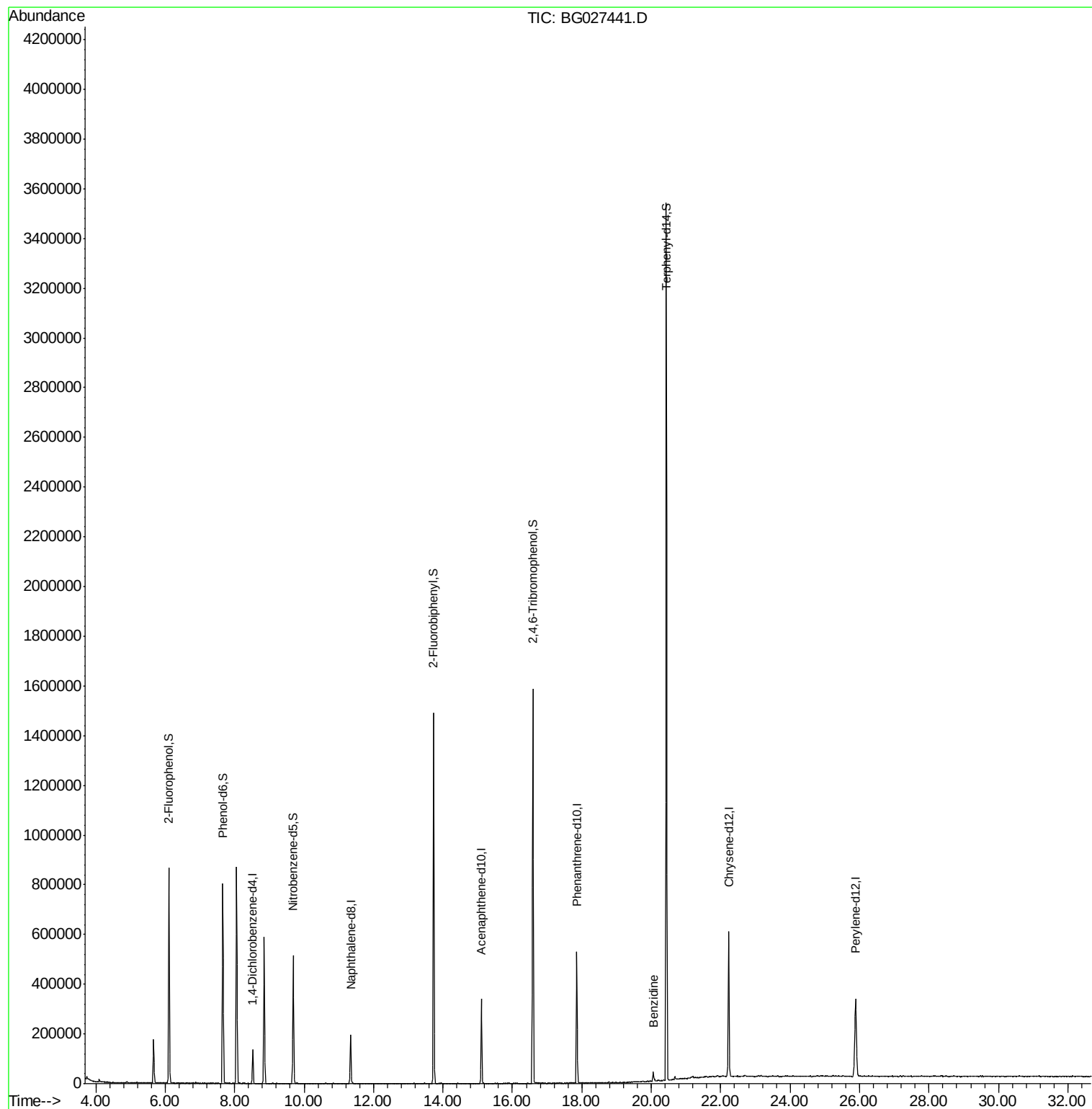
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	38177	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	174936	20.00	ng	0.00
38) Acenaphthene-d10	15.11	164	115411	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	331323	20.00	ng	0.00
75) Chrysene-d12	22.23	240	385391	20.00	ng	0.00
86) Perylene-d12	25.88	264	374128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	376121	139.23	ng	0.00
7) Phenol-d6	7.66	99	493082	118.77	ng	0.00
23) Nitrobenzene-d5	9.69	82	339405	98.92	ng	0.00
41) 2,4,6-Tribromophenol	16.59	330	314168	181.38	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	772562	96.70	ng	0.00
78) Terphenyl-d14	20.43	244	1597886	106.27	ng	0.00
Target Compounds						
76) Benzidine	20.06	184	23991	2.84	ng	Qvalue 95

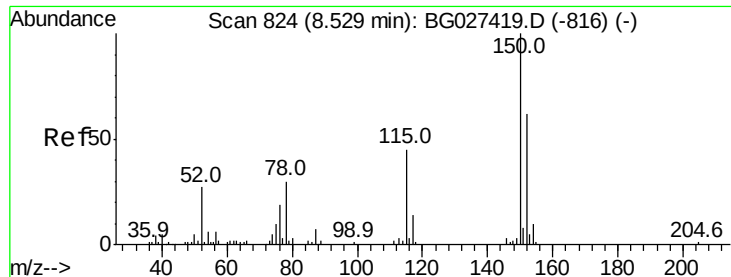
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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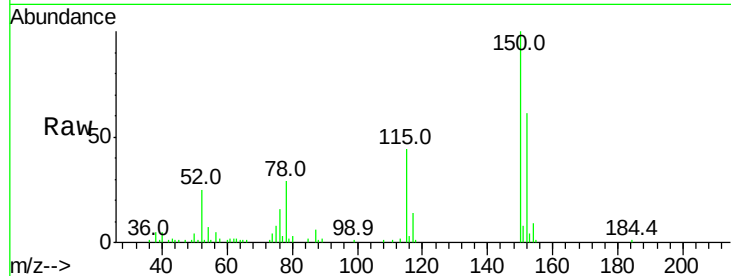


#1

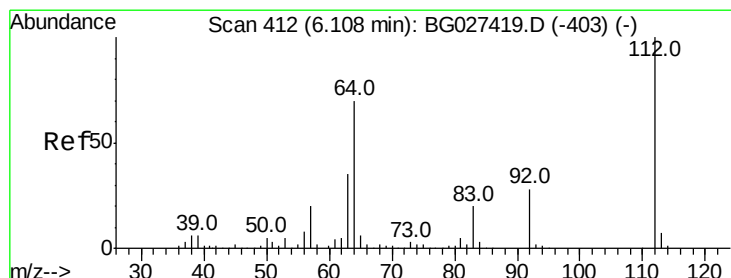
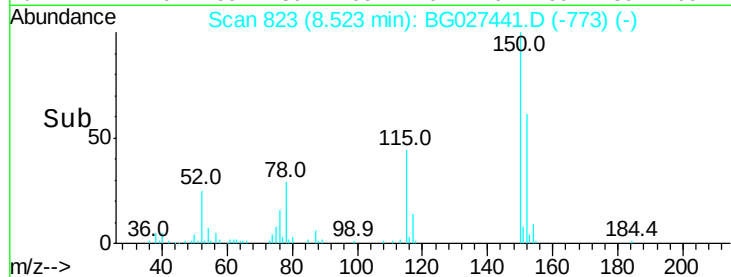
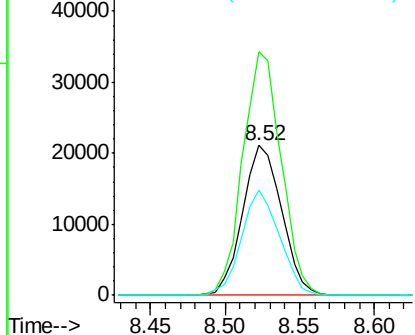
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.01 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

Instrument :
BNA_G
ClientSampleId :
RO-132

Tot Ion:152 Resp: 38177
Ion Ratio Lower Upper
152 100
150 162.7 114.0 171.0
115 70.8 48.1 72.1



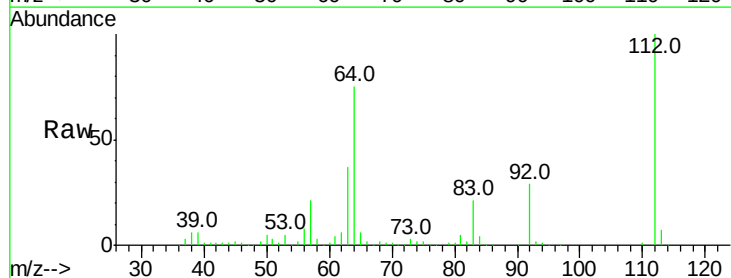
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



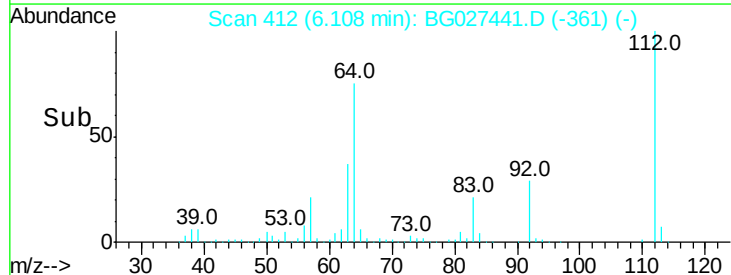
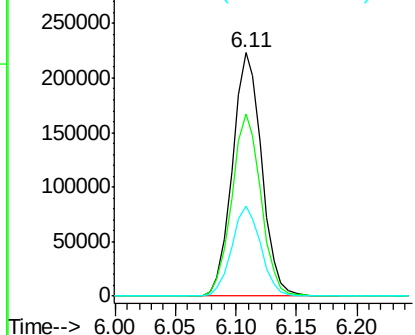
#5

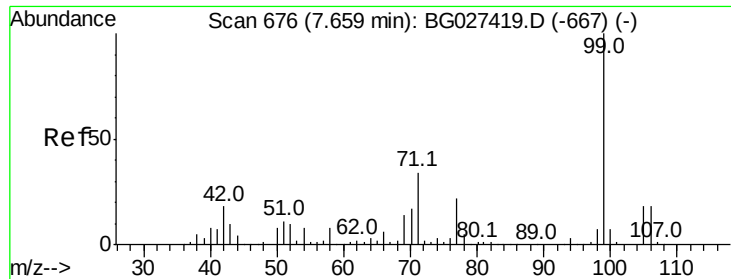
2-Fluorophenol
Concen: 139.23 ng
RT: 6.11 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

Tgt Ion:112 Resp: 376121
Ion Ratio Lower Upper
112 100
64 74.6 61.8 92.6
63 36.8 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: 118.77 ng

RT: 7.66 min Scan# 676

Delta R.T. 0.00 min

Lab File: BG027441.D

Acq: 15 Jun 2017 7:42

Instrument :

BNA_G

ClientSampled :

RO-132

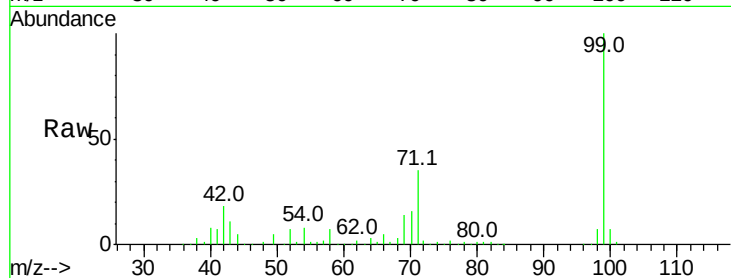
Tot Ion: 99 Resp: 493082

Ion Ratio Lower Upper

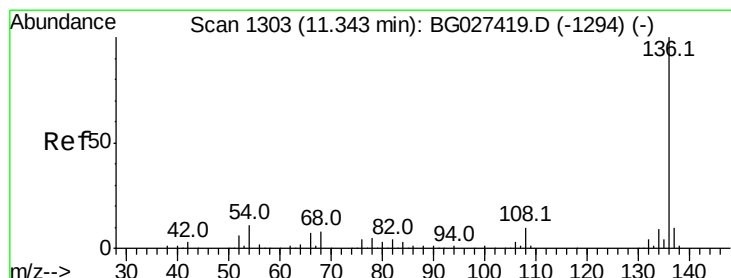
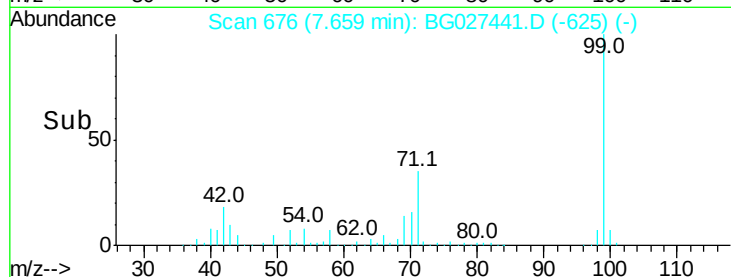
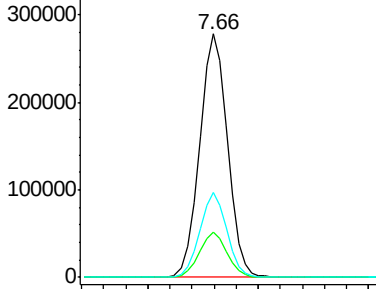
99 100

42 18.4 20.5 30.7#

71 34.9 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: 20.00 ng

RT: 11.34 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BG027441.D

Acq: 15 Jun 2017 7:42

Tgt Ion: 136 Resp: 174936

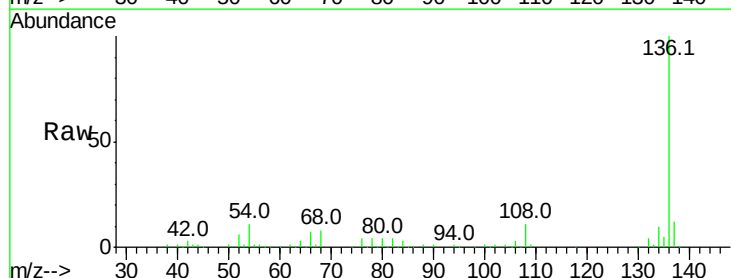
Ion Ratio Lower Upper

136 100

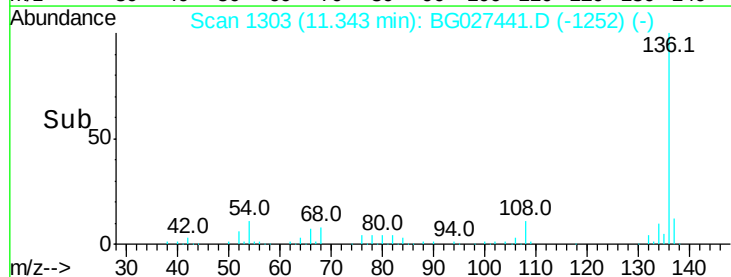
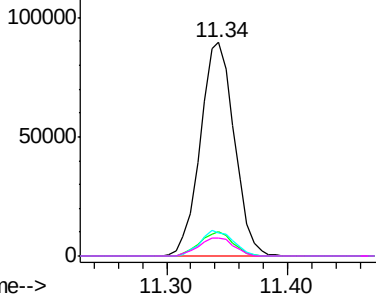
137 11.6 8.9 13.3

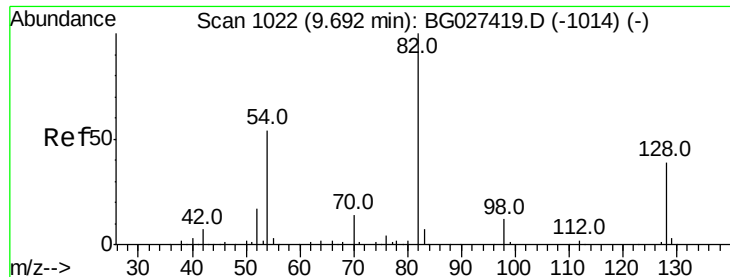
54 11.0 9.3 13.9

68 8.5 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

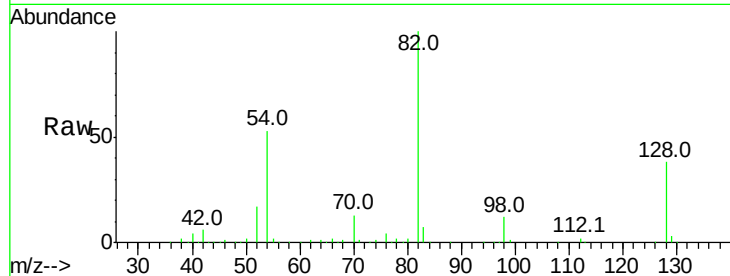




#23
 Nitrobenzene-d5
 Concen: 98.92 ng
 RT: 9.69 min Scan# 1021
 Delta R.T. -0.01 min
 Lab File: BG027441.D
 Acq: 15 Jun 2017 7:42

Instrument :
 BNA_G
 ClientSampled :
 RO-132

Tot Ion	Ratio	Lower	Upper
82	100		
128	37.7	26.4	39.6
54	53.3	49.4	74.2

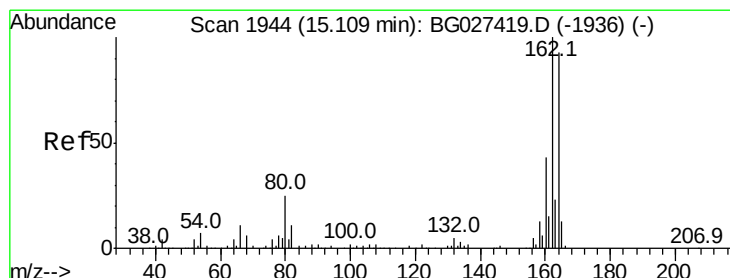
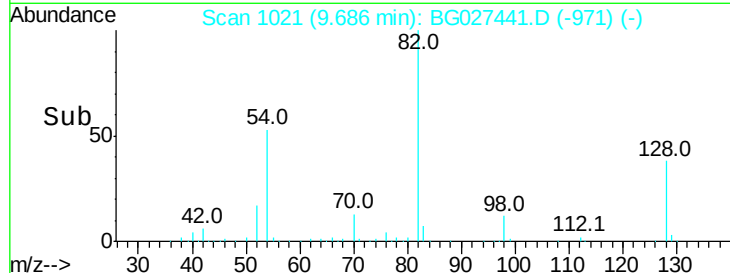
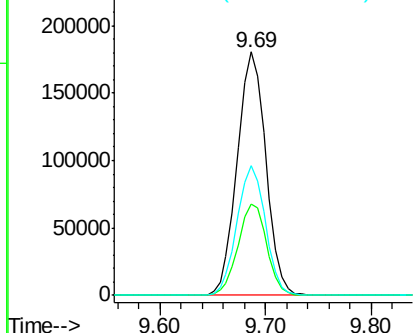


Abundance

Ion 82.00 (81.70 to 82.70): BGC

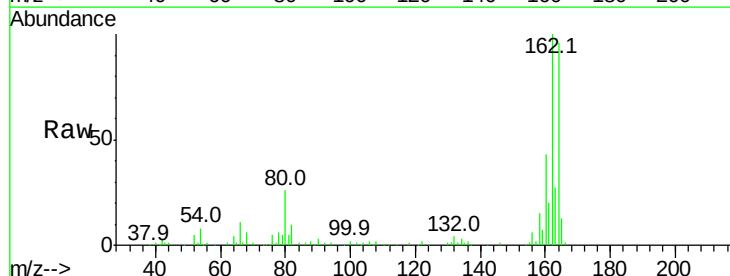
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.11 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: BG027441.D
 Acq: 15 Jun 2017 7:42

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.1	127.7
160	45.0	34.7	52.1

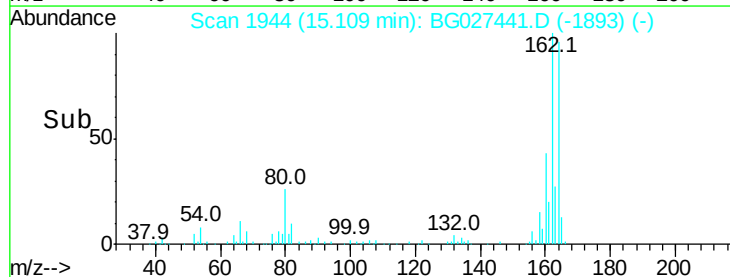
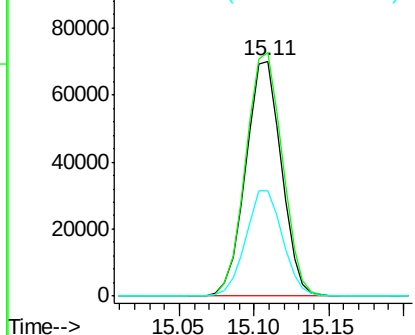


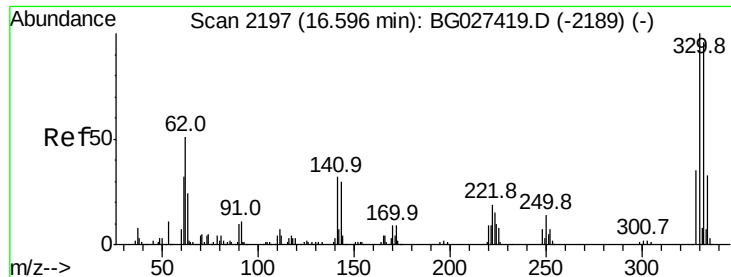
Abundance

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

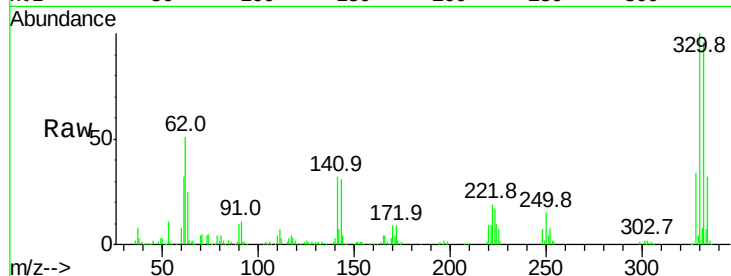




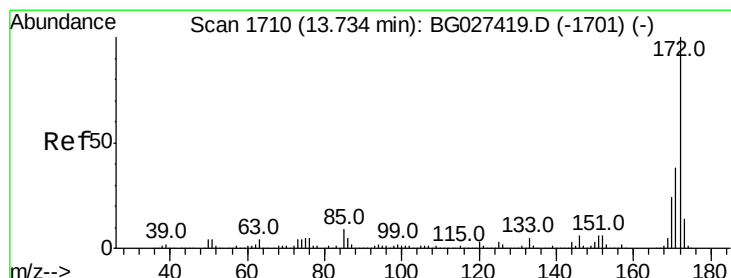
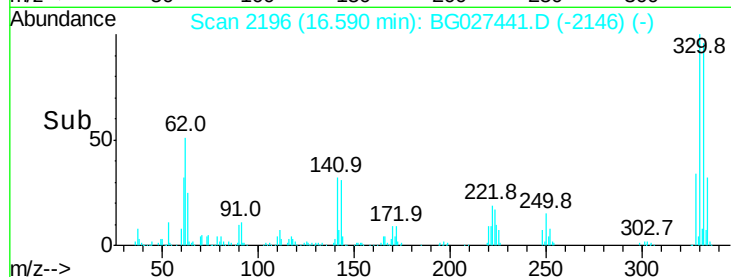
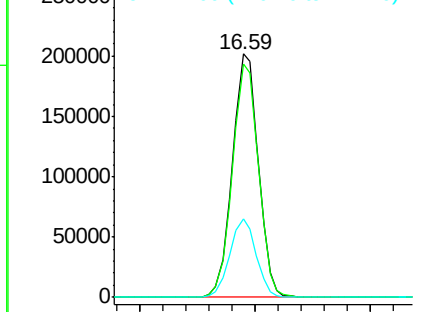
#41
 2,4,6-Tribromophenol
 Concen: 181.38 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.01 min
 Lab File: BG027441.D
 Acq: 15 Jun 2017 7:42

Instrument :
 BNA_G
 ClientSampleId :
 RO-132

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	32.7	32.1	48.1

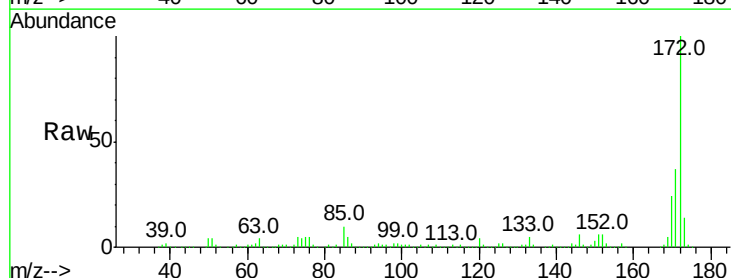


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

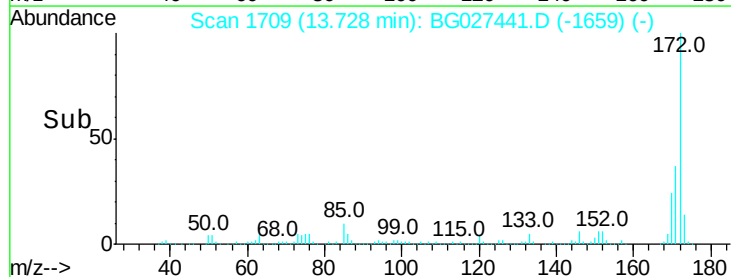
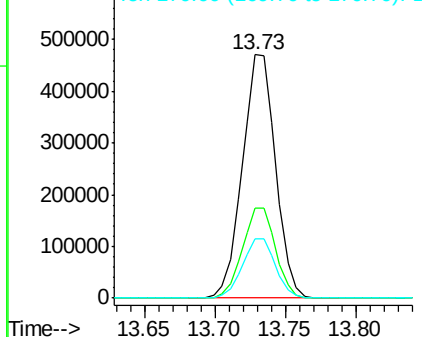


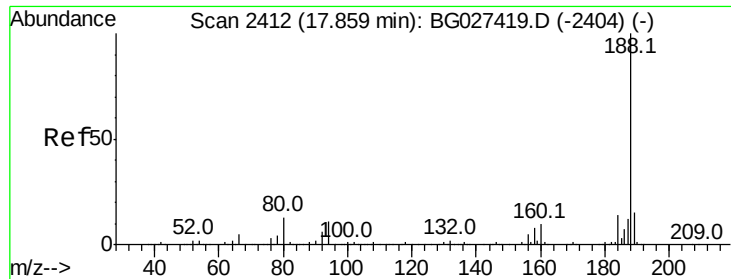
#44
 2-Fluorobiphenyl
 Concen: 96.70 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG027441.D
 Acq: 15 Jun 2017 7:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	32.2	48.2
170	24.3	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

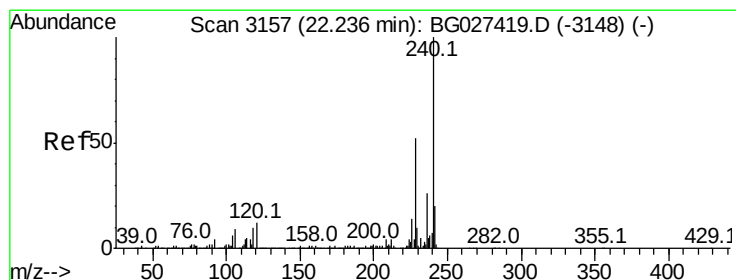
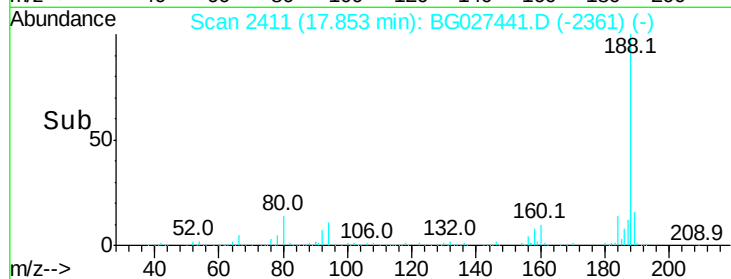
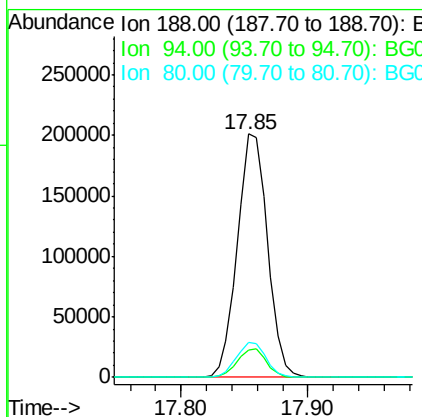
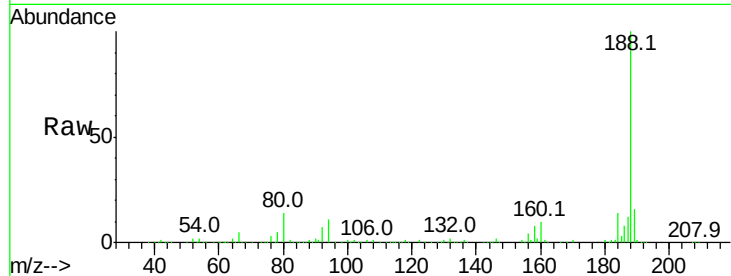




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.85 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

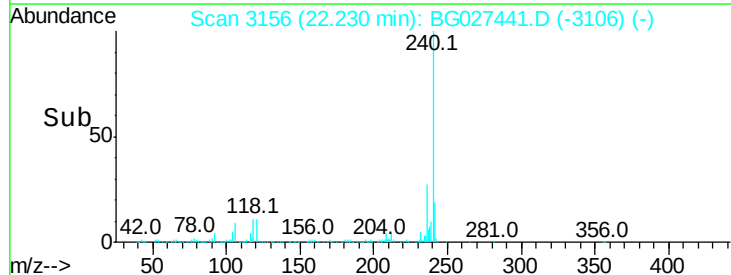
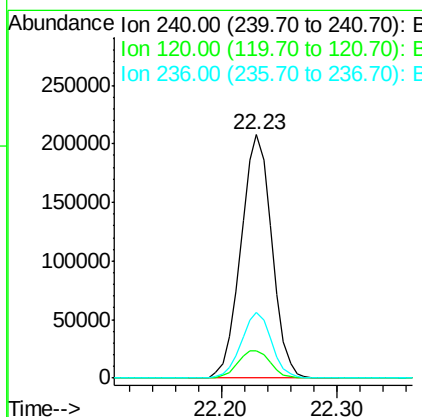
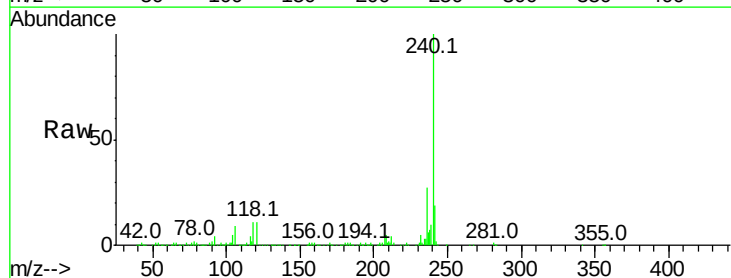
Instrument :
BNA_G
ClientSampleId :
RO-132

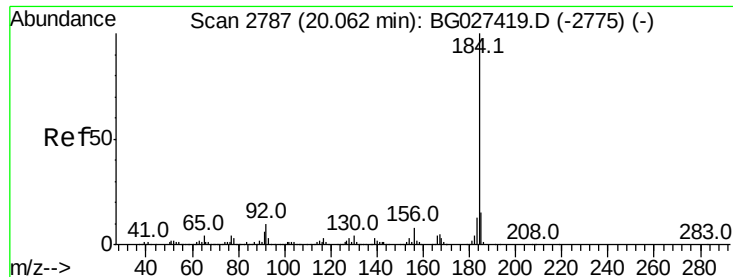
Tot Ion:188 Resp: 331323
Ion Ratio Lower Upper
188 100
94 11.4 5.8 8.8#
80 14.3 7.5 11.3#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.23 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

Tgt Ion:240 Resp: 385391
Ion Ratio Lower Upper
240 100
120 11.1 5.7 8.5#
236 26.8 22.2 33.4

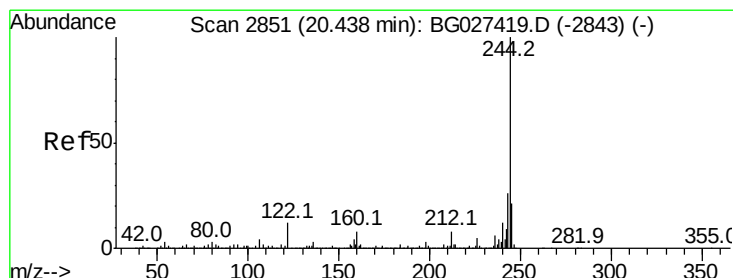
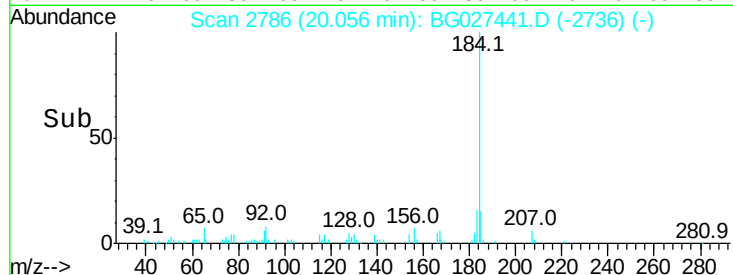
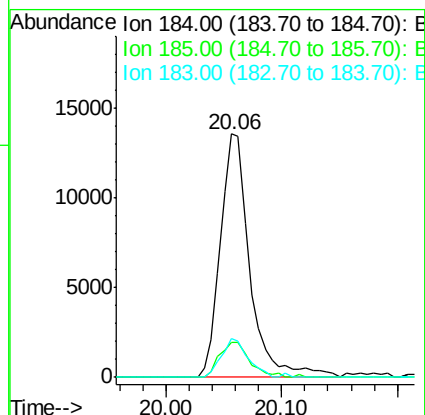
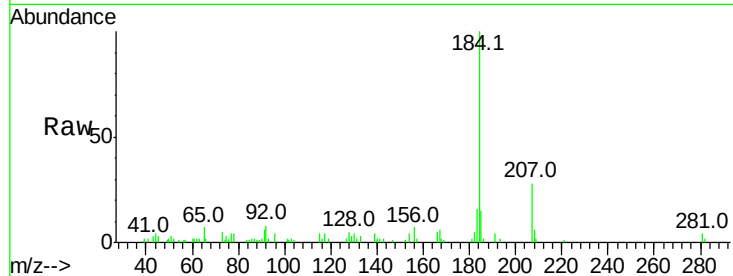




#76
Benzidine
Concen: 2.84 ng
RT: 20.06 min Scan# 2786
Delta R.T. -0.01 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

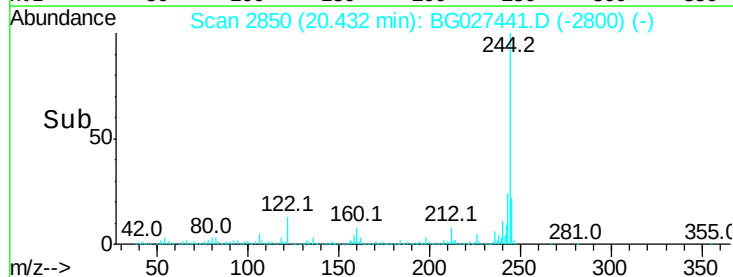
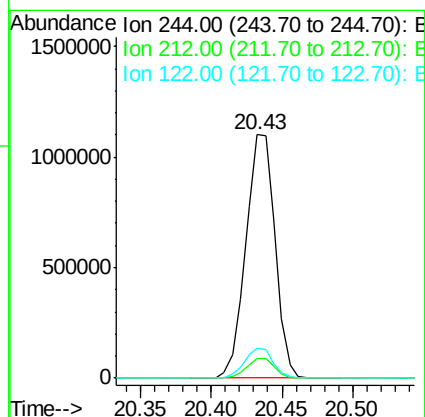
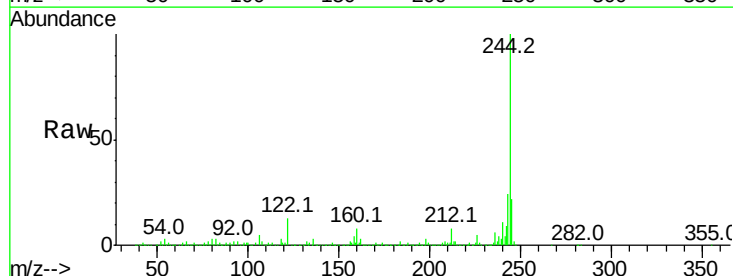
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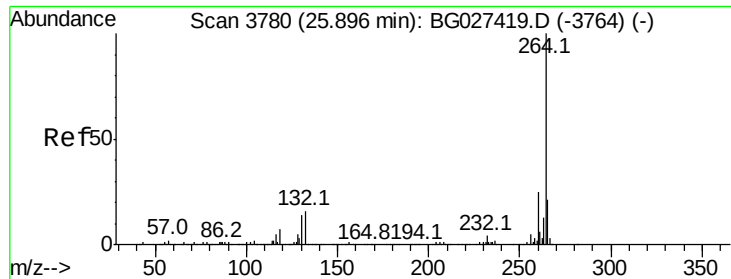
Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.0	19.6
183	16.2	11.0	16.6



#78
Terphenyl-d14
Concen: 106.27 ng
RT: 20.43 min Scan# 2850
Delta R.T. -0.01 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	12.5	8.6	12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.88 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BG027441.D
Acq: 15 Jun 2017 7:42

Instrument :
BNA_G
ClientSampleId :
RO-132

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	21.8	32.8
265	20.5	18.2	27.4

