

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062717\
 Data File : BG027696.D
 Acq On : 27 Jun 2017 10:36
 Operator : SJ/JU
 Sample : I3899-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 28 01:08:56 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 21 18:52:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.49	152	13530	20.00	ng	-0.02
21) Naphthalene-d8	11.30	136	58677	20.00	ng	-0.02
38) Acenaphthene-d10	15.08	164	38288	20.00	ng	-0.02
63) Phenanthrene-d10	17.82	188	124520	20.00	ng	-0.02
75) Chrysene-d12	22.18	240	145077	20.00	ng	-0.03
86) Perylene-d12	25.80	264	132089	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.07	112	141685	149.04	ng	-0.01
7) Phenol-d6	7.63	99	178548	126.87	ng	-0.01
23) Nitrobenzene-d5	9.65	82	123875	99.90	ng	-0.02
41) 2,4,6-Tribromophenol	16.56	330	112521	197.12	ng	-0.02
44) 2-Fluorobiphenyl	13.69	172	289359	103.23	ng	-0.02
78) Terphenyl-d14	20.40	244	727584	118.16	ng	-0.02

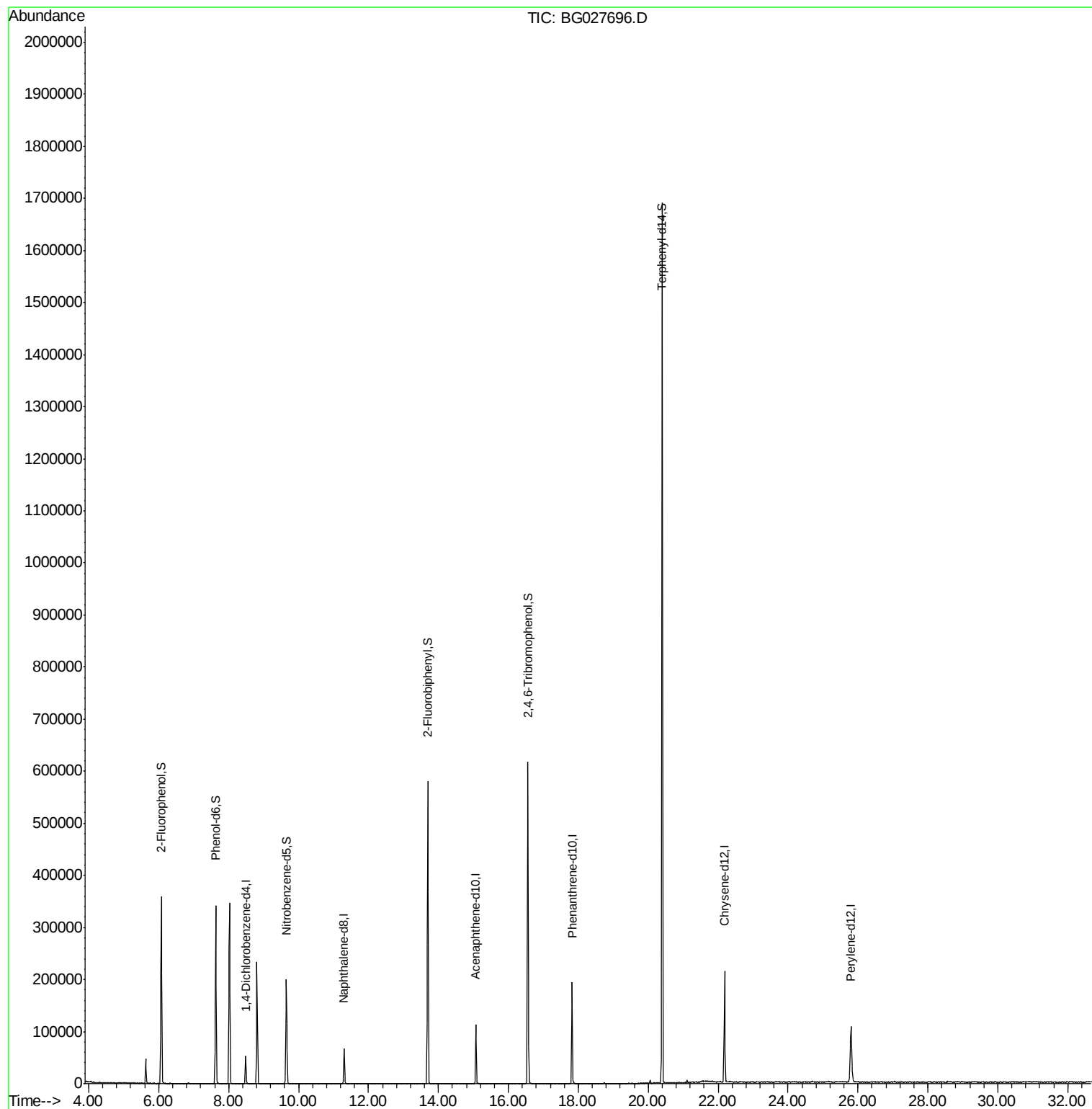
Target Compounds Qvalue

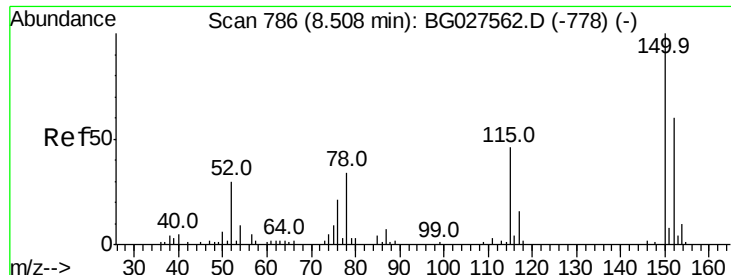
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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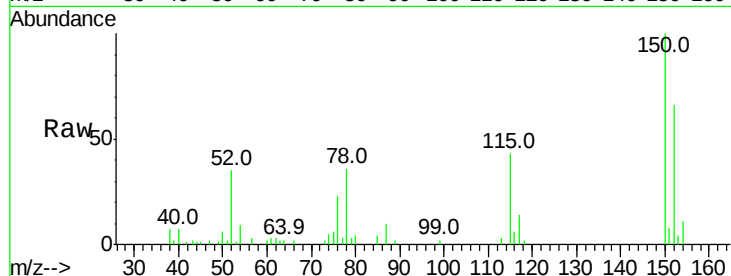


#1

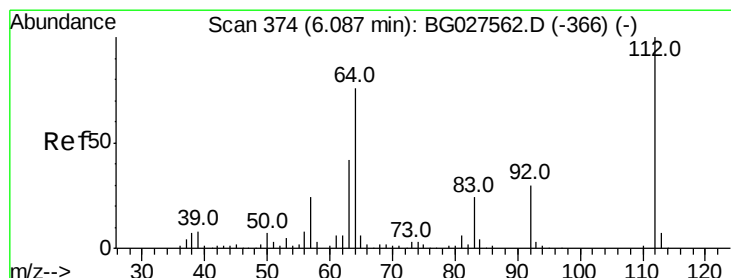
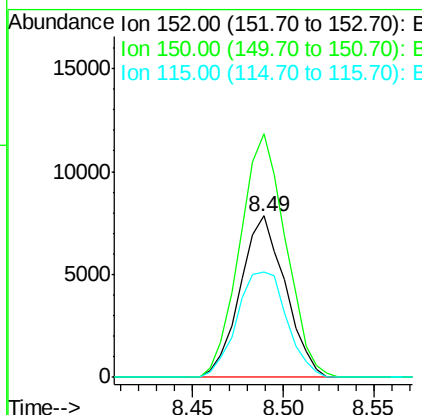
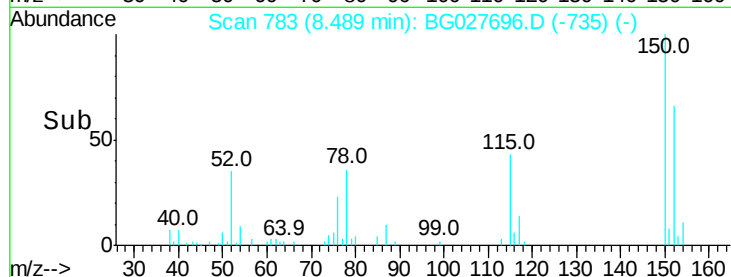
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.49 min Scan# 783
Delta R.T. -0.02 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 13530
Ion Ratio Lower Upper
152 100
150 150.9 114.0 171.0
115 65.6 48.1 72.1



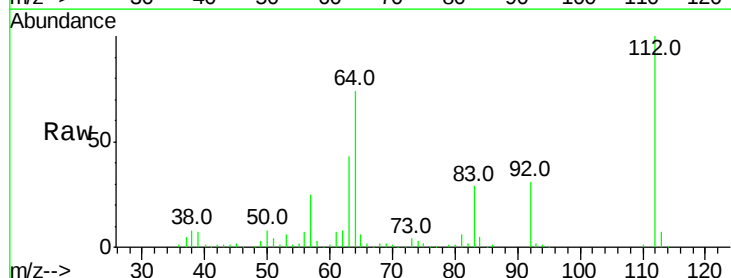
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



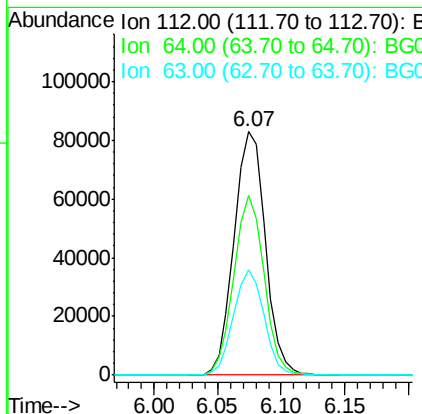
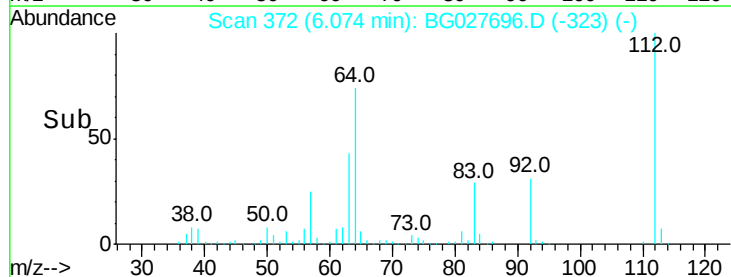
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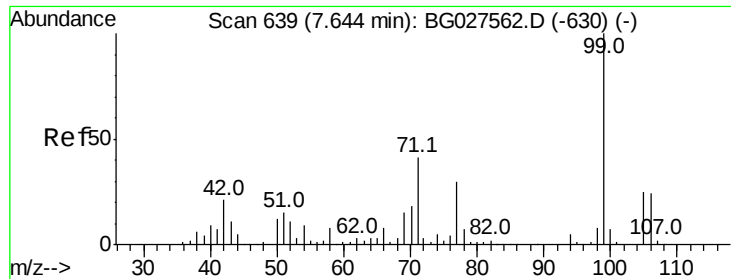
2-Fluorophenol
Concen: 149.04 ng
RT: 6.07 min Scan# 372
Delta R.T. -0.01 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

Tgt Ion:112 Resp: 141685
Ion Ratio Lower Upper
112 100
64 73.6 61.8 92.6
63 43.2 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 126.87 ng

RT: 7.63 min Scan# 637

Delta R.T. -0.01 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

Instrument :

BNA_G

ClientSampleId :

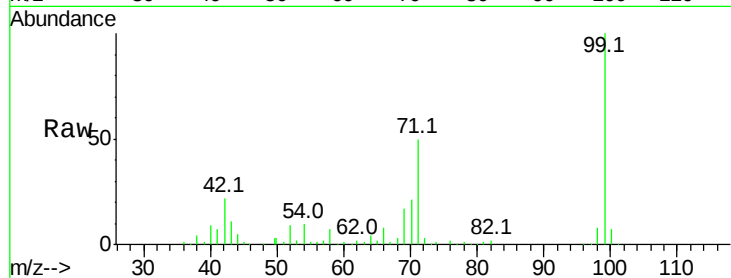
Tot Ion: 99 Resp: 178548

Ion Ratio Lower Upper

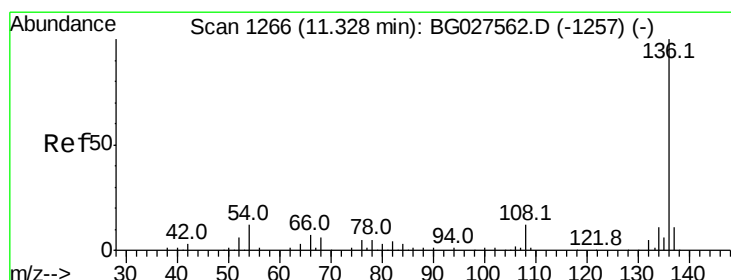
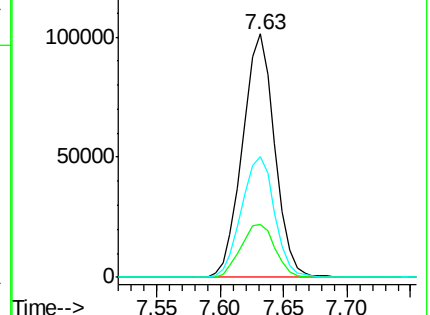
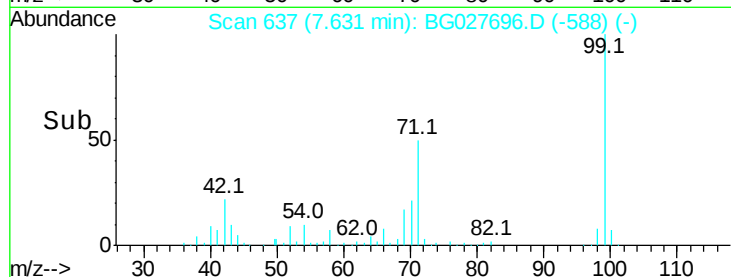
99 100

42 21.8 20.5 30.7

71 49.6 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: 11.30 min Scan# 1262

Delta R.T. -0.02 min

Lab File: BG027696.D

Acq: 27 Jun 2017 10:36

Tgt Ion: 136 Resp: 58677

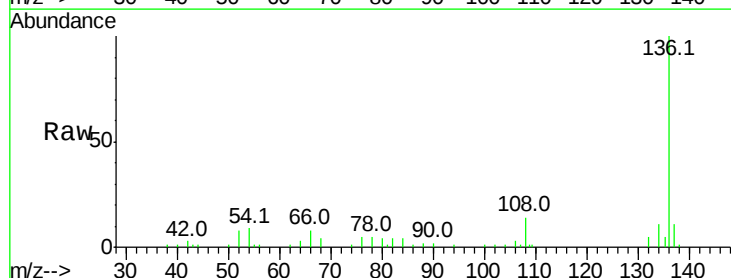
Ion Ratio Lower Upper

136 100

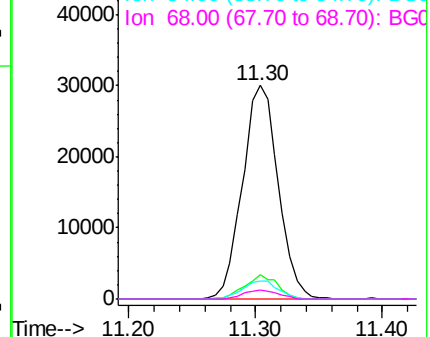
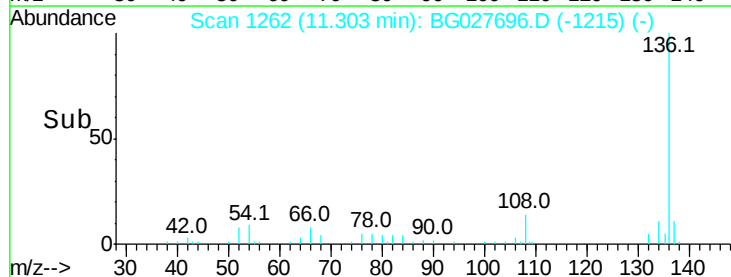
137 11.2 8.9 13.3

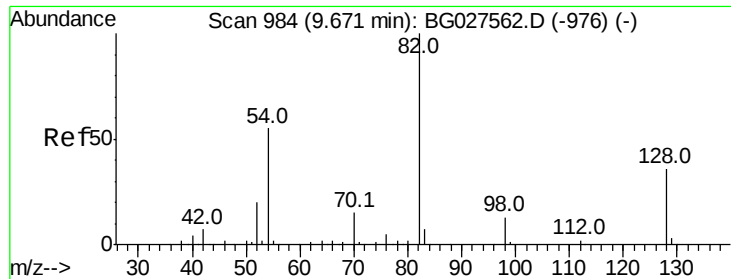
54 8.6 9.3 13.9#

68 4.5 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

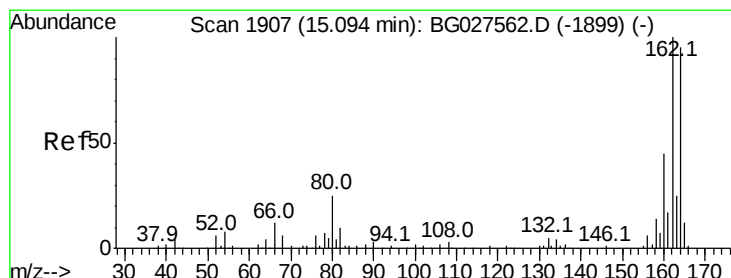
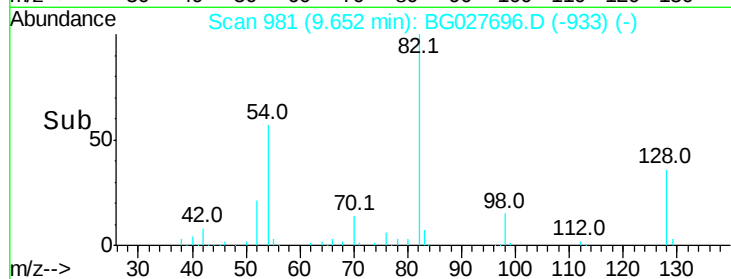
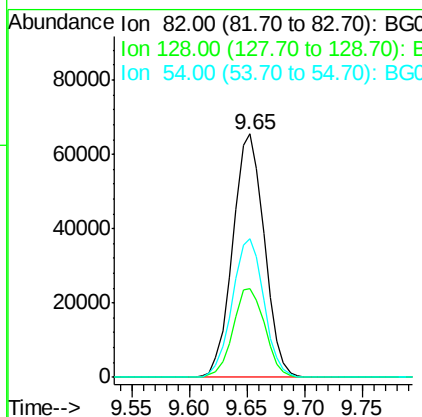
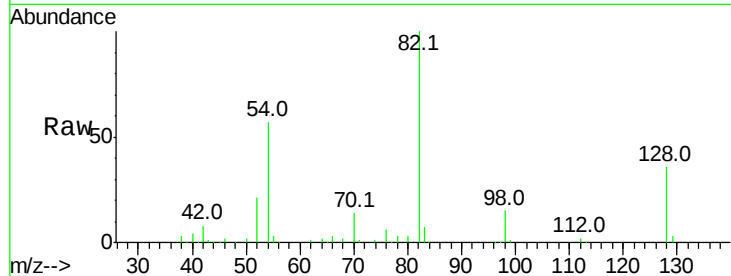




#23
Nitrobenzene-d5
Concen: 99.90 ng
RT: 9.65 min Scan# 981
Delta R.T. -0.02 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

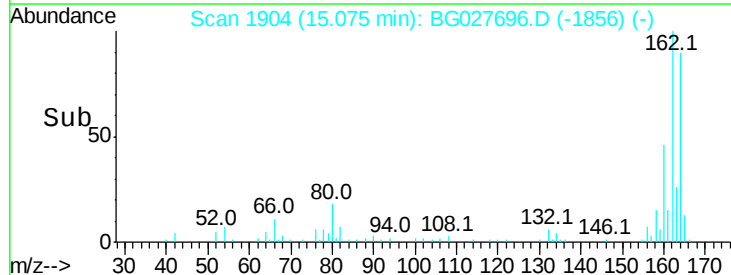
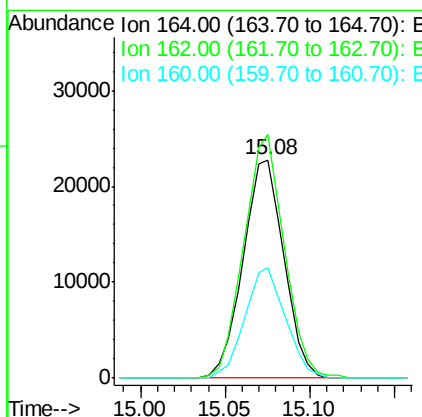
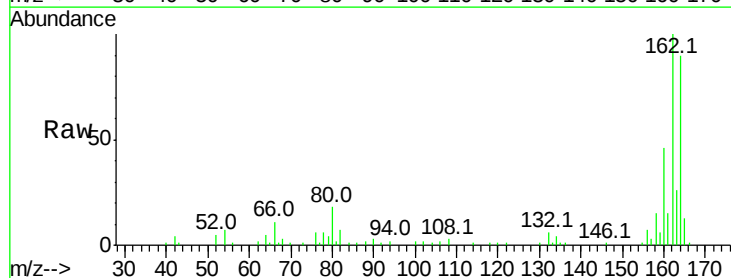
Instrument :
BNA_G
ClientSampleId :

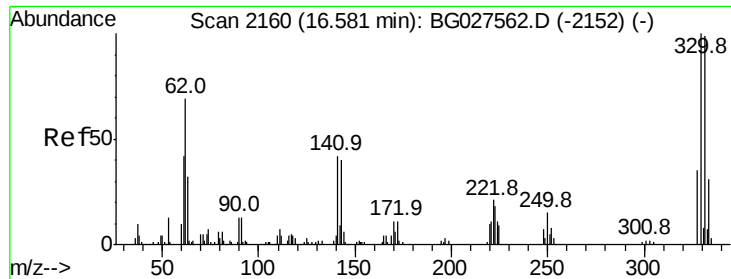
Tot Ion	82	Resp	123875
Ion Ratio	Lower	Upper	
82	100		
128	36.5	26.4	39.6
54	56.9	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.08 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BG027696.D
Acq: 27 Jun 2017 10:36

Tgt Ion	164	Resp	38288
Ion Ratio	Lower	Upper	
164	100		
162	111.4	85.1	127.7
160	50.7	34.7	52.1

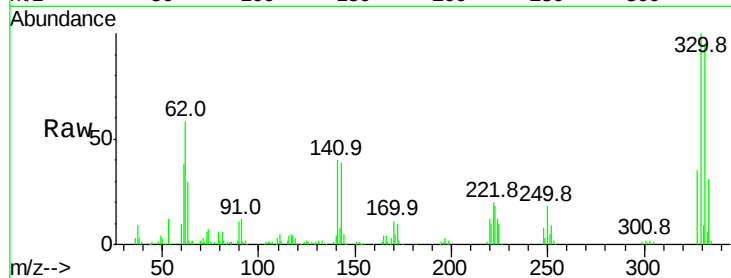




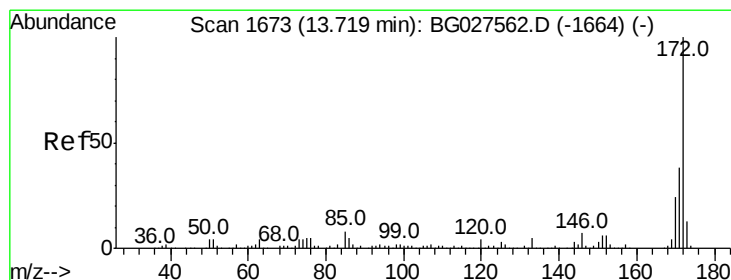
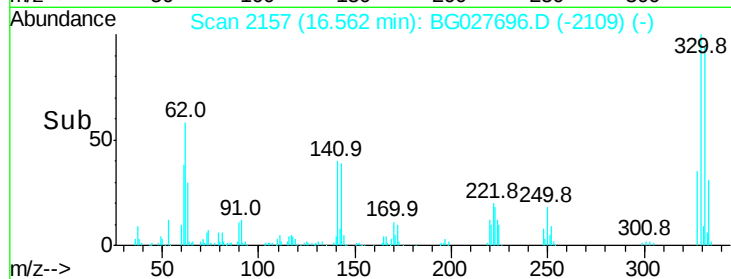
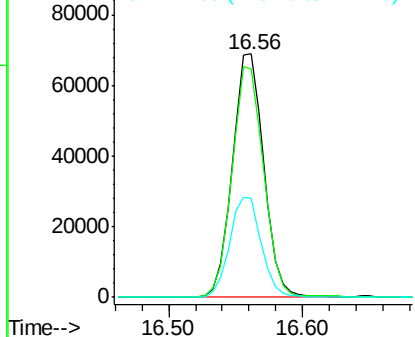
#41
 2,4,6-Tribromophenol
 Concen: 197.12 ng
 RT: 16.56 min Scan# 2157
 Delta R.T. -0.02 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 112521
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.3 115.9
 141 41.4 32.1 48.1

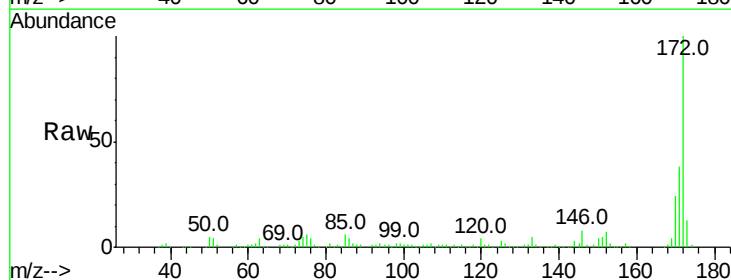


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

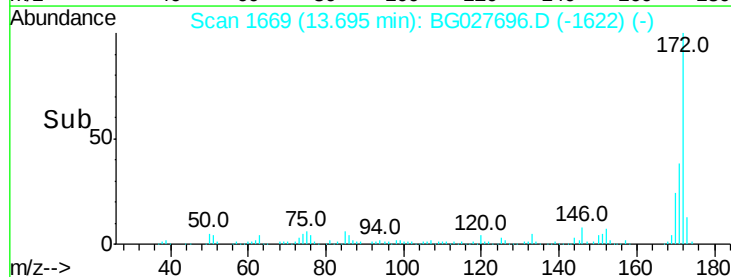
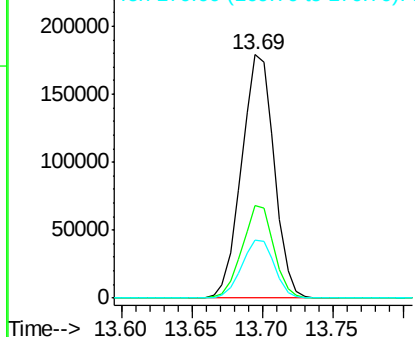


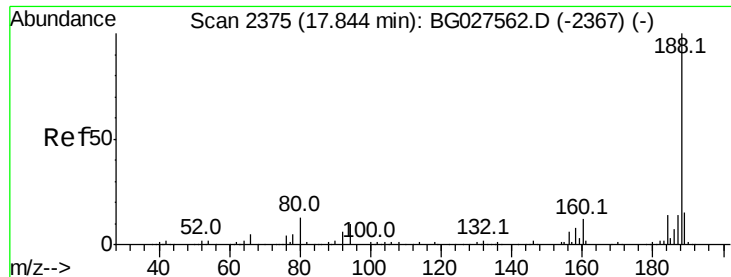
#44
 2-Fluorobiphenyl
 Concen: 103.23 ng
 RT: 13.69 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Tgt Ion:172 Resp: 289359
 Ion Ratio Lower Upper
 172 100
 171 38.2 32.2 48.2
 170 24.0 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

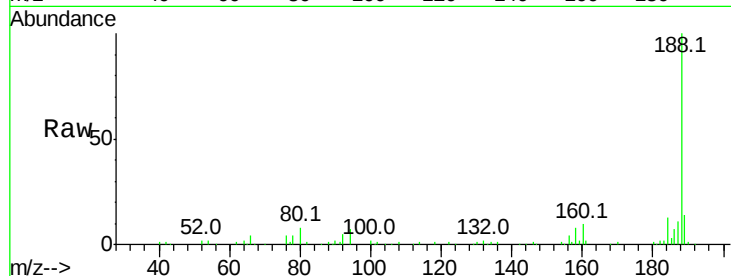




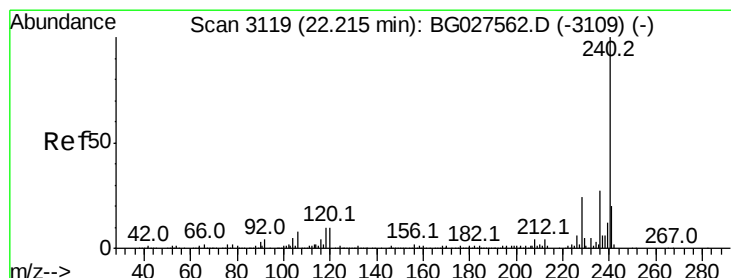
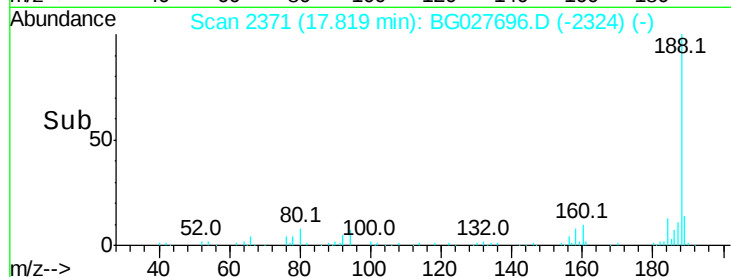
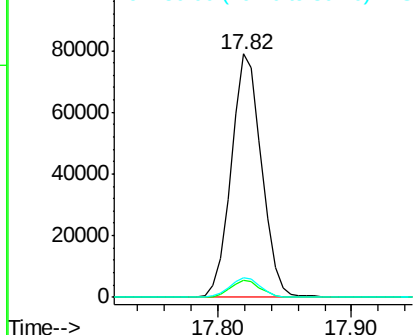
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.82 min Scan# 2371
 Delta R.T. -0.02 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:188 Resp: 124520
 Ion Ratio Lower Upper
 188 100
 94 7.0 5.8 8.8
 80 8.0 7.5 11.3

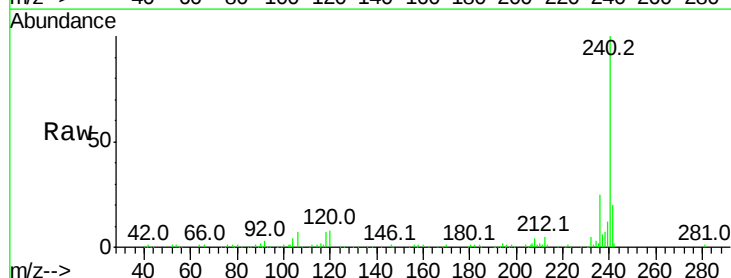


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BGC
 Ion 80.00 (79.70 to 80.70): BGC

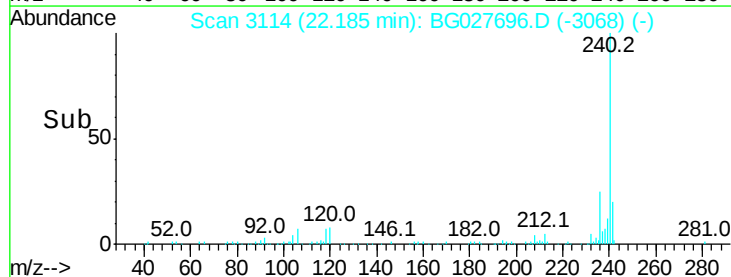
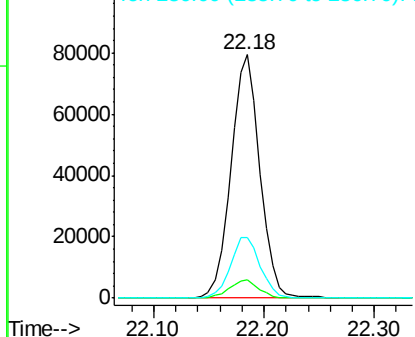


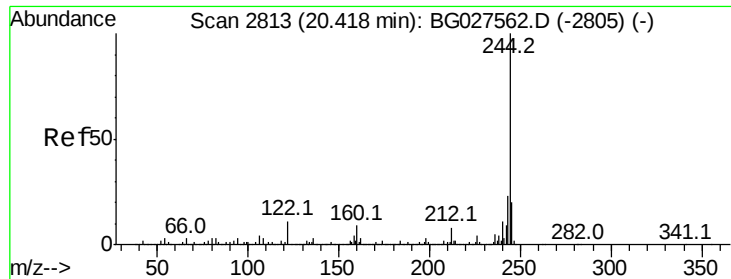
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 22.18 min Scan# 3114
 Delta R.T. -0.03 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Tgt Ion:240 Resp: 145077
 Ion Ratio Lower Upper
 240 100
 120 7.6 5.7 8.5
 236 24.6 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

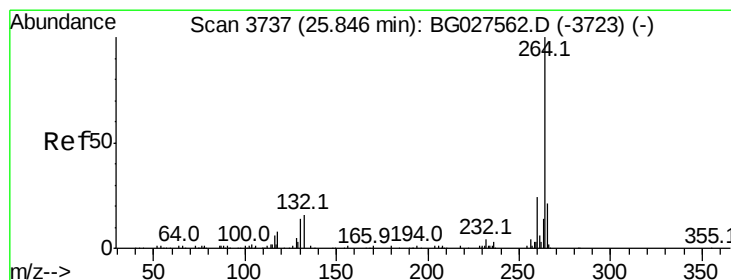
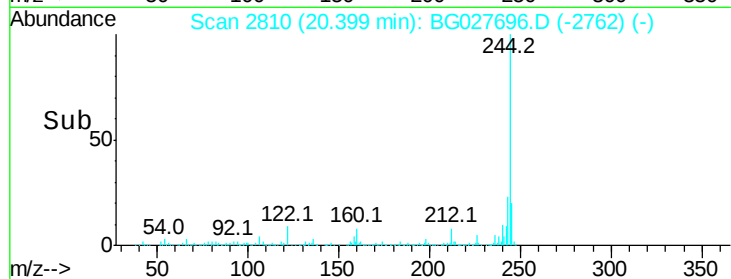
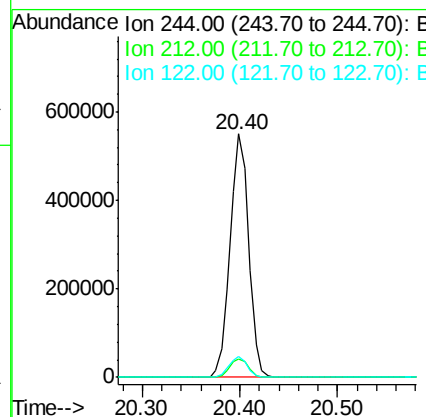
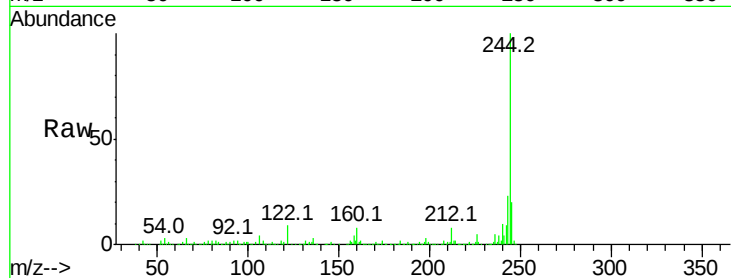




#78
 Terphenyl-d14
 Concen: 118.16 ng
 RT: 20.40 min Scan# 2810
 Delta R.T. -0.02 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	10.0	15.0#
122	8.6	8.6	12.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.80 min Scan# 3729
 Delta R.T. -0.05 min
 Lab File: BG027696.D
 Acq: 27 Jun 2017 10:36

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	22.3	18.2	27.4

