

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070717\
 Data File : BG027879.D
 Acq On : 7 Jul 2017 21:58
 Operator : SJ/JU
 Sample : I4070-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 08 02:13:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 17:43:21 2017
 Response via : Initial Calibration

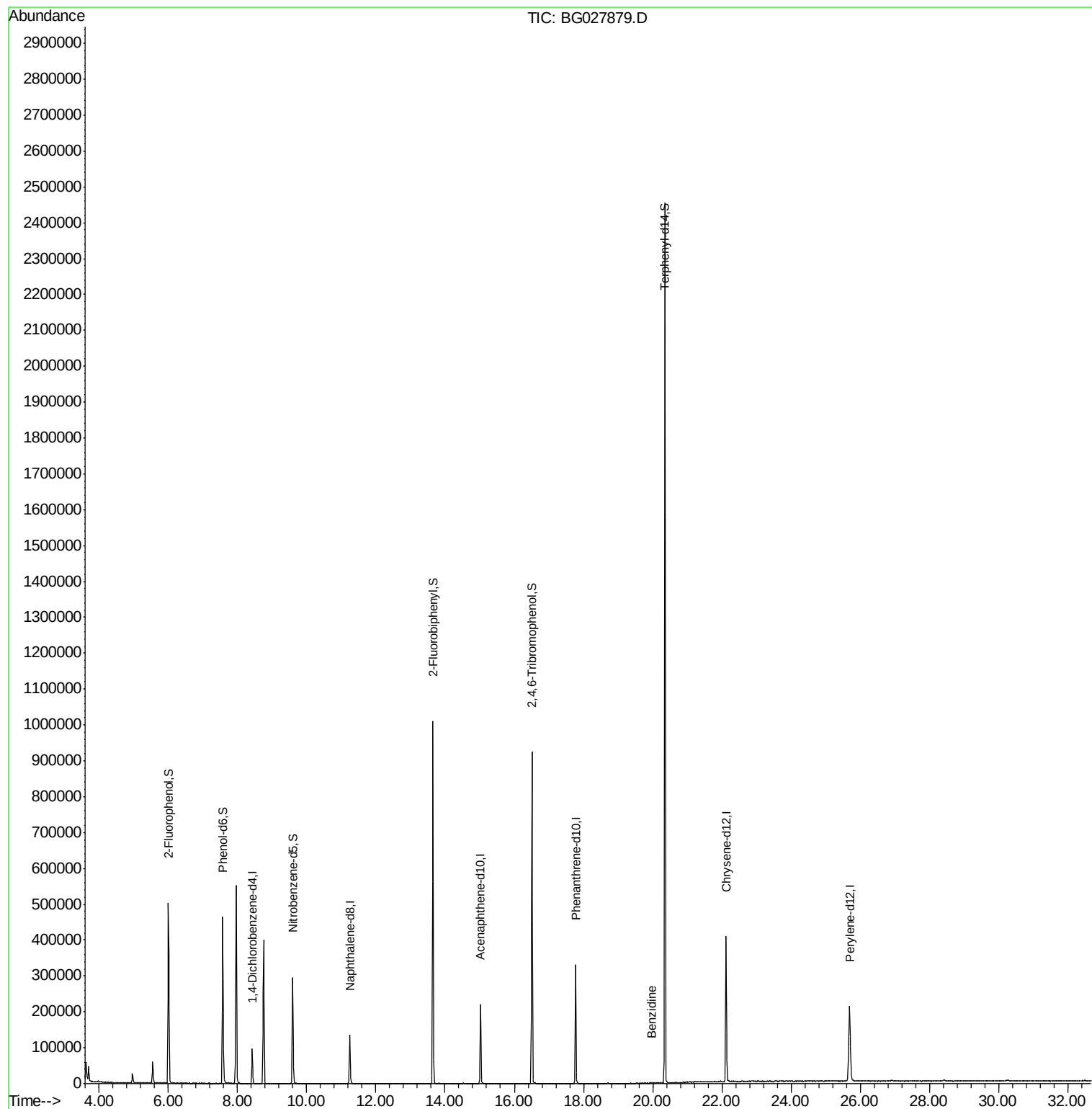
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	32555	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	143363	20.00	ng	0.00
38) Acenaphthene-d10	15.02	164	79397	20.00	ng	0.00
63) Phenanthrene-d10	17.77	188	214291	20.00	ng	0.00
75) Chrysene-d12	22.12	240	260750	20.00	ng	0.00
86) Perylene-d12	25.69	264	238101	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	291655	137.96	ng	0.00
7) Phenol-d6	7.57	99	374072	115.82	ng	0.00
23) Nitrobenzene-d5	9.60	82	215033	83.61	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	213748	196.28	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	558802	100.52	ng	0.00
78) Terphenyl-d14	20.35	244	1107608	99.58	ng	0.00
Target Compounds						
76) Benzidine	19.98	184	160	3.24	ng	Qvalue # 64

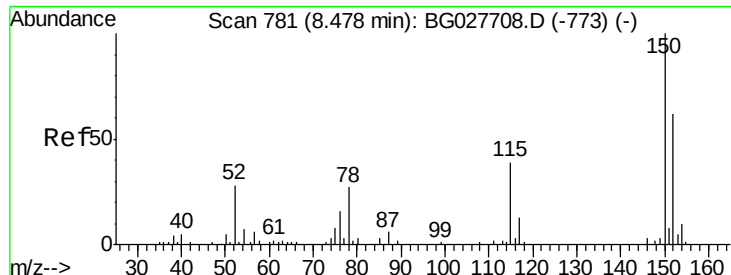
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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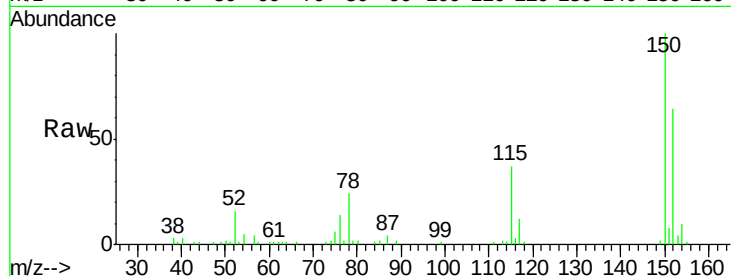


#1

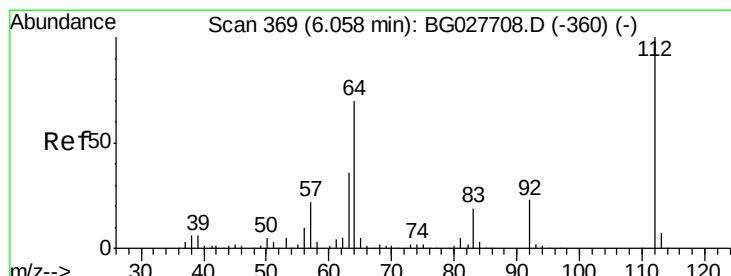
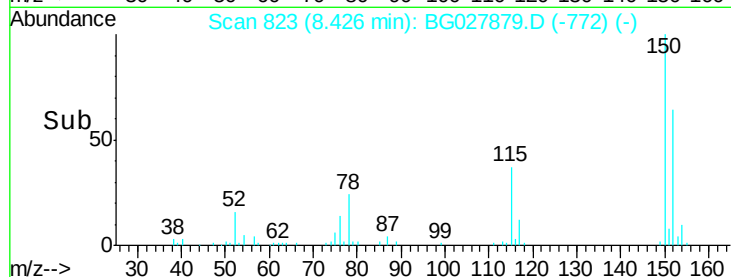
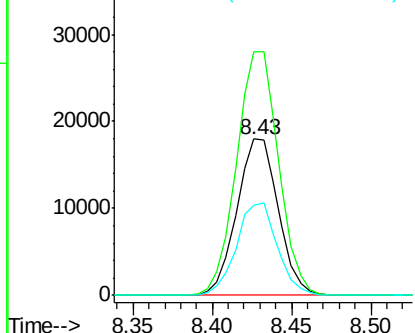
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.43 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027879.D
Acq: 7 Jul 2017 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32555
Ion Ratio Lower Upper
152 100
150 155.6 114.0 171.0
115 57.2 48.1 72.1



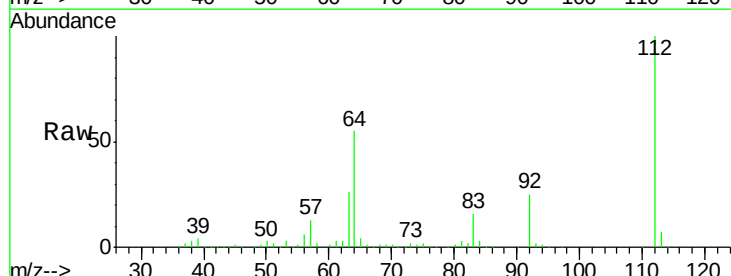
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



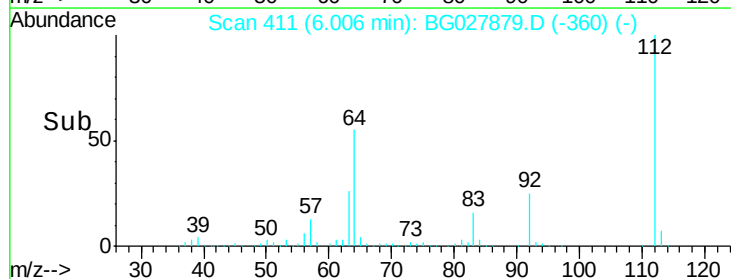
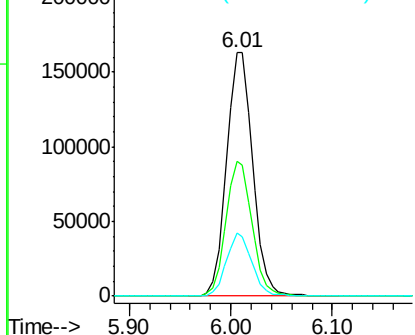
#5

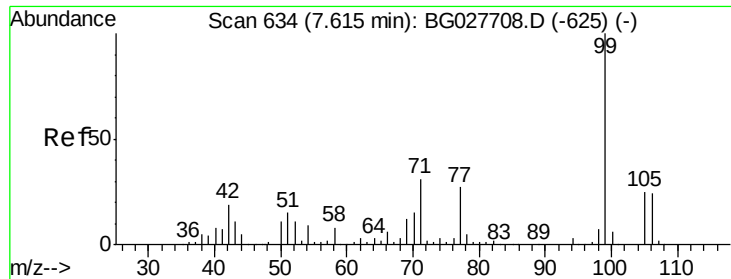
2-Fluorophenol
Concen: 137.96 ng
RT: 6.01 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027879.D
Acq: 7 Jul 2017 21:58

Tgt Ion:112 Resp: 291655
Ion Ratio Lower Upper
112 100
64 55.4 61.8 92.6#
63 25.7 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: 115.82 ng

RT: 7.57 min Scan# 678

Delta R.T. -0.00 min

Lab File: BG027879.D

Acq: 7 Jul 2017 21:58

Instrument :

BNA_G

ClientSampleId :

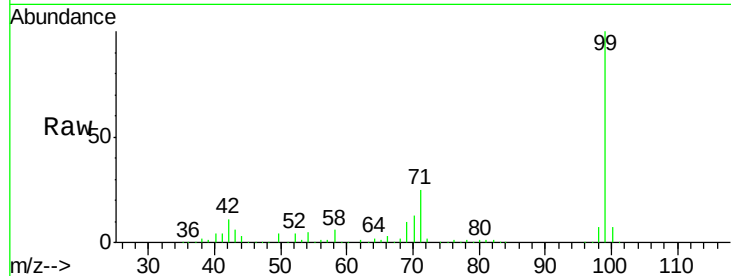
Tot Ion: 99 Resp: 374072

Ion Ratio Lower Upper

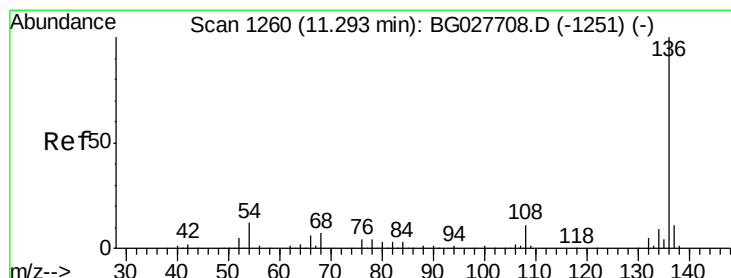
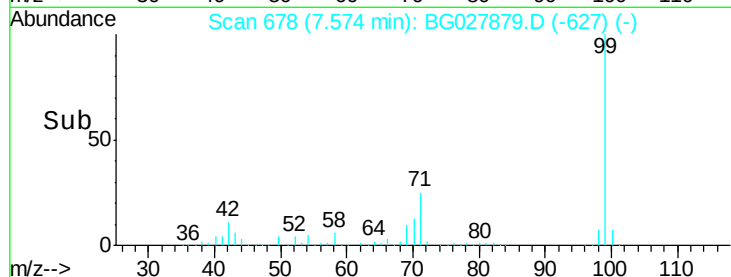
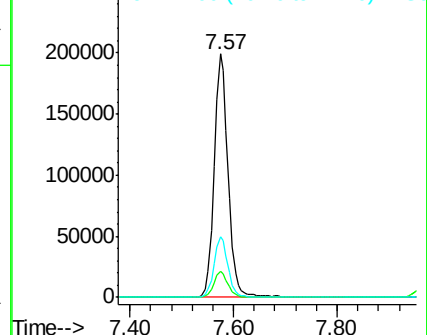
99 100

42 10.6 20.5 30.7#

71 24.8 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: 11.25 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BG027879.D

Acq: 7 Jul 2017 21:58

Tgt Ion: 136 Resp: 143363

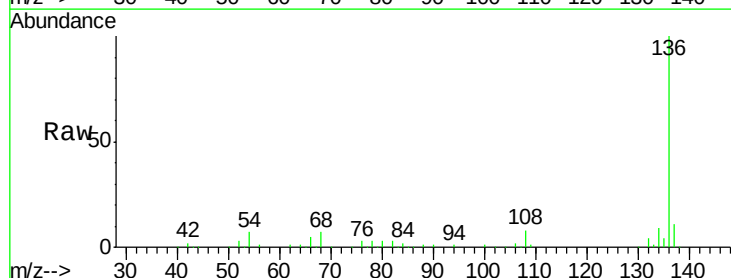
Ion Ratio Lower Upper

136 100

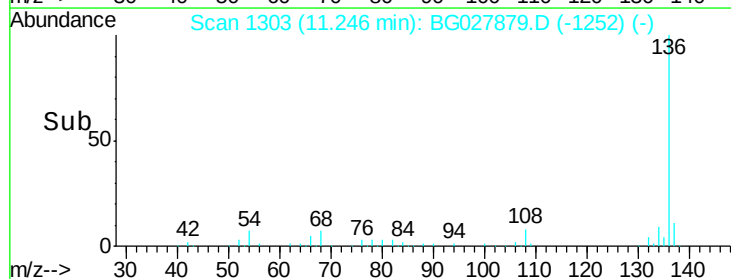
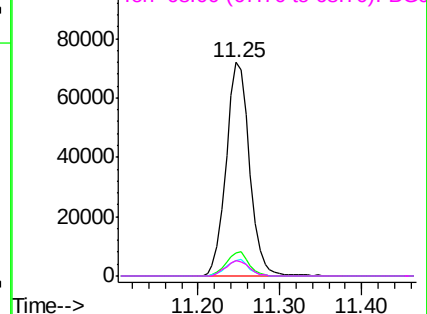
137 10.7 8.9 13.3

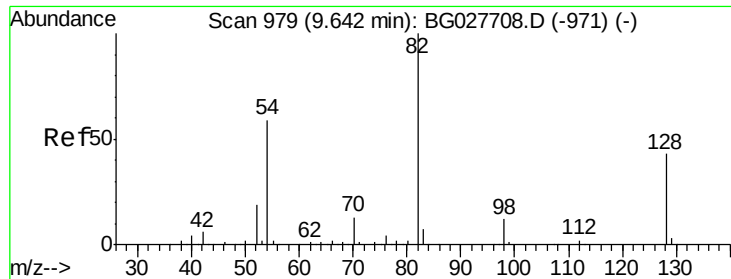
54 7.5 9.3 13.9#

68 7.0 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

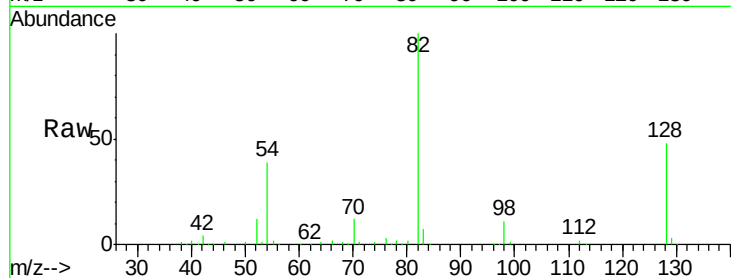




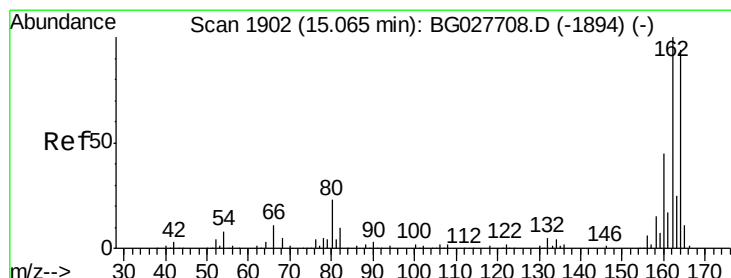
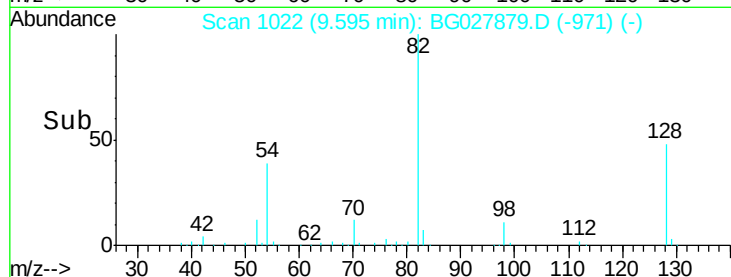
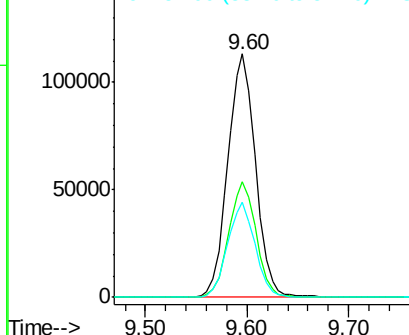
#23
 Nitrobenzene-d5
 Concen: 83.61 ng
 RT: 9.60 min Scan# 1022
 Delta R.T. -0.00 min
 Lab File: BG027879.D
 Acq: 7 Jul 2017 21:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion: 82 Resp: 215033
 Ion Ratio Lower Upper
 82 100
 128 47.7 26.4 39.6#
 54 39.1 49.4 74.2#

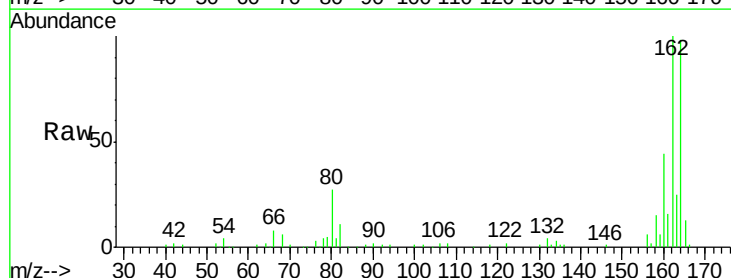


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

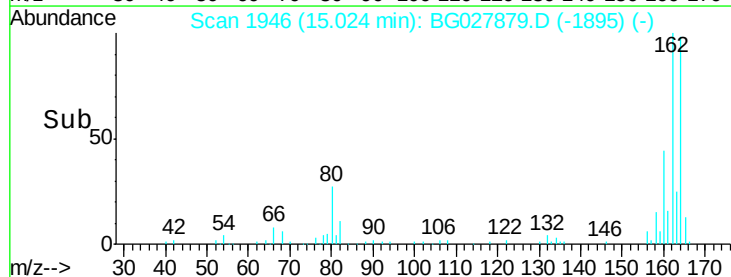
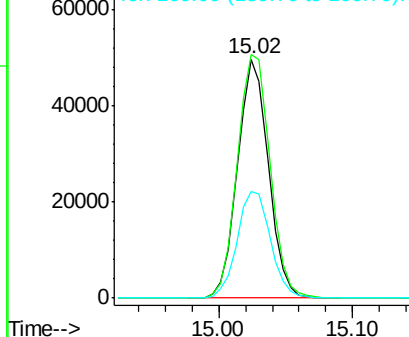


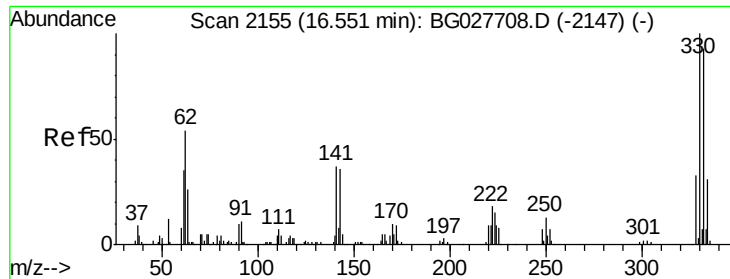
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.02 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: BG027879.D
 Acq: 7 Jul 2017 21:58

Tgt Ion:164 Resp: 79397
 Ion Ratio Lower Upper
 164 100
 162 101.9 85.1 127.7
 160 44.8 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

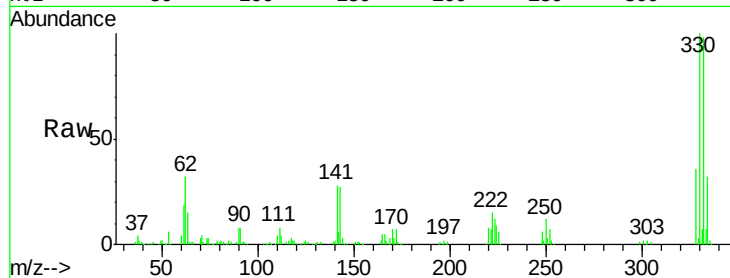




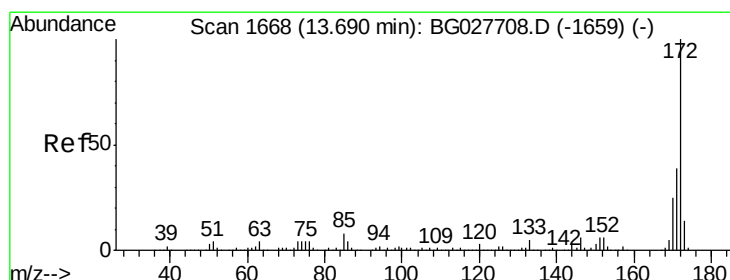
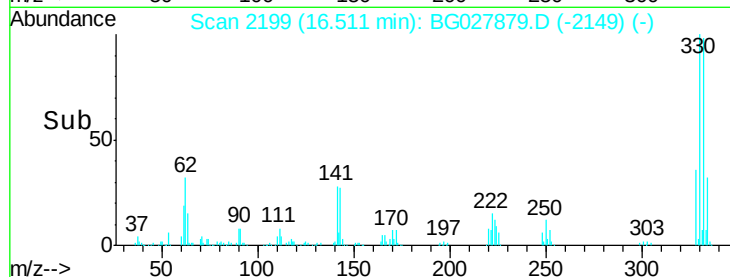
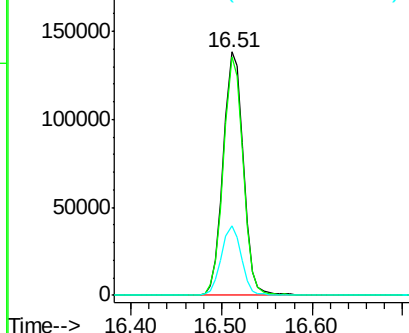
#41
 2,4,6-Tribromophenol
 Concen: 196.28 ng
 RT: 16.51 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG027879.D
 Acq: 7 Jul 2017 21:58

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.3	115.9
141	28.4	32.1	48.1#

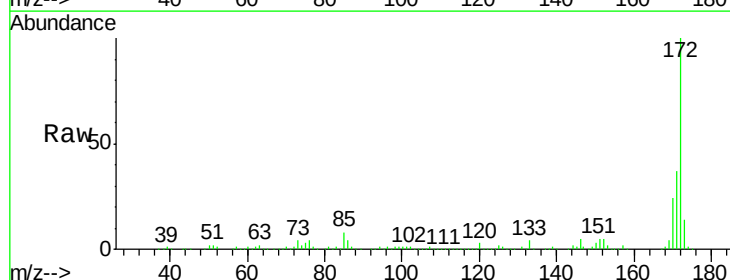


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

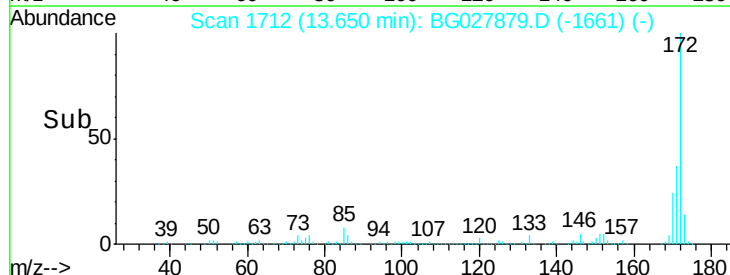
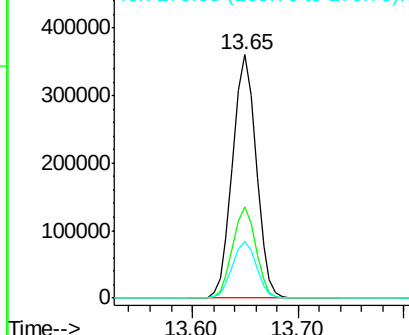


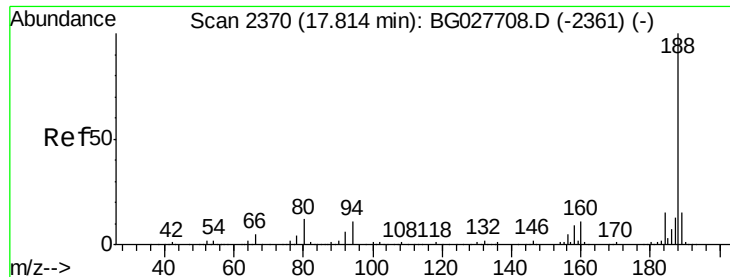
#44
 2-Fluorobiphenyl
 Concen: 100.52 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027879.D
 Acq: 7 Jul 2017 21:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	23.5	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

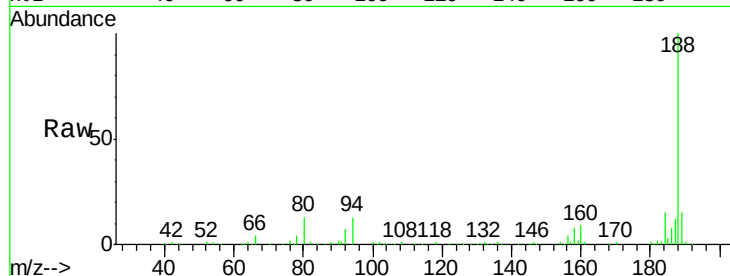




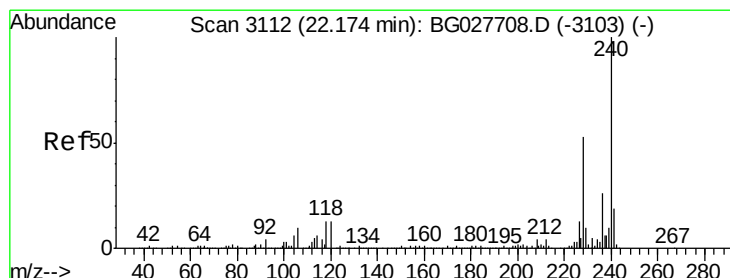
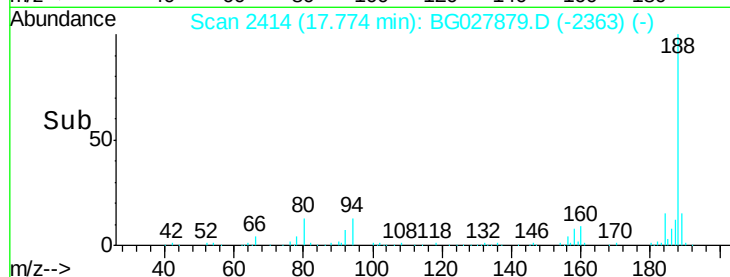
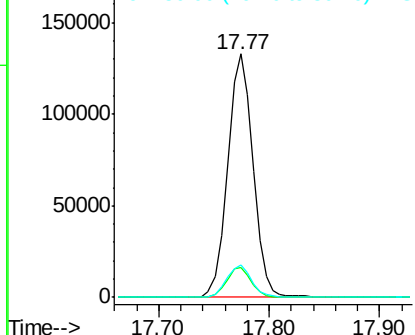
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.77 min Scan# 2414
Delta R.T. -0.00 min
Lab File: BG027879.D
Acq: 7 Jul 2017 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 214291
Ion Ratio Lower Upper
188 100
94 12.5 5.8 8.8#
80 13.4 7.5 11.3#

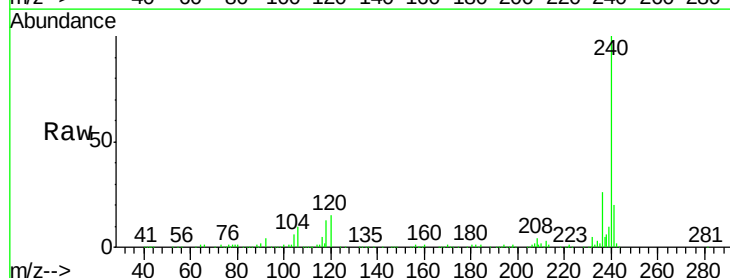


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

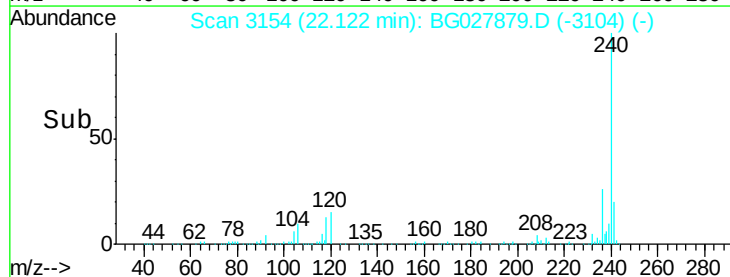
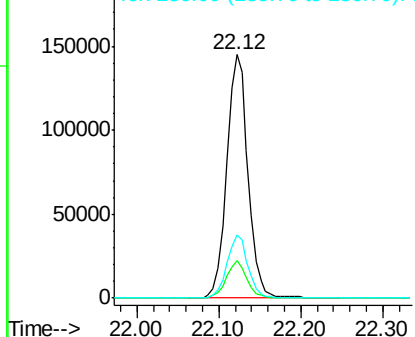


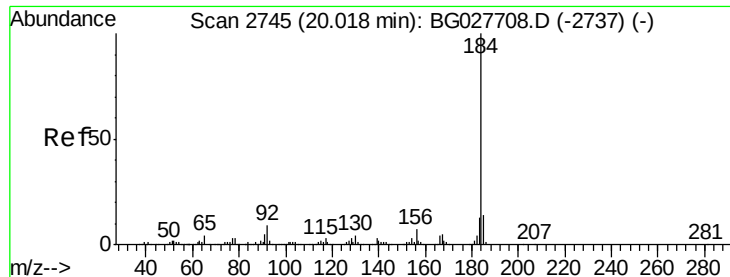
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.12 min Scan# 3154
Delta R.T. -0.01 min
Lab File: BG027879.D
Acq: 7 Jul 2017 21:58

Tgt Ion:240 Resp: 260750
Ion Ratio Lower Upper
240 100
120 15.2 5.7 8.5#
236 25.7 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





#76

Benzidine

Concen: 3.24 ng

RT: 19.98 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BG027879.D

Acq: 7 Jul 2017 21:58

Instrument :

BNA_G

ClientSampled :

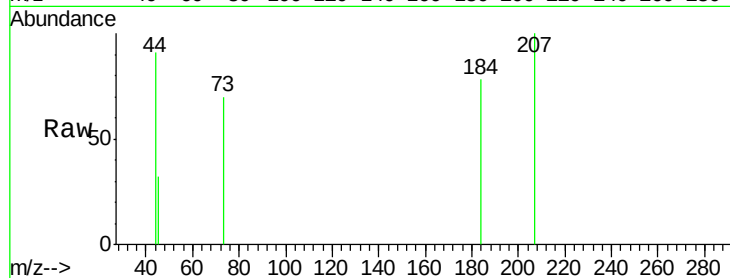
Tot Ion:184 Resp: 160

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

183 0.0 11.0 16.6#



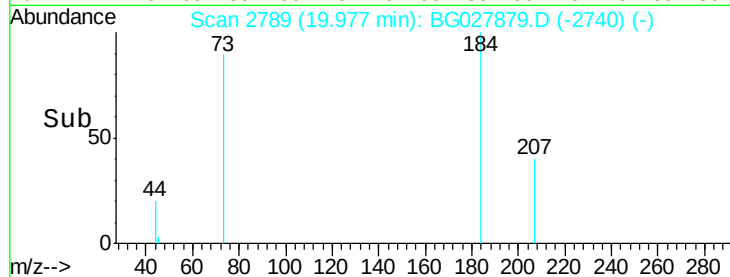
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

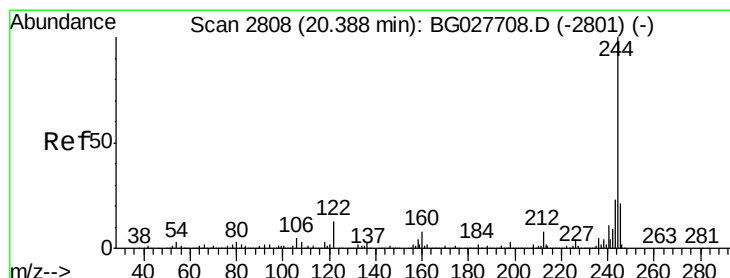
Ion 183.00 (182.70 to 183.70): E

19.98

Time-->



Time-->



#78

Terphenyl-d14

Concen: 99.58 ng

RT: 20.35 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG027879.D

Acq: 7 Jul 2017 21:58

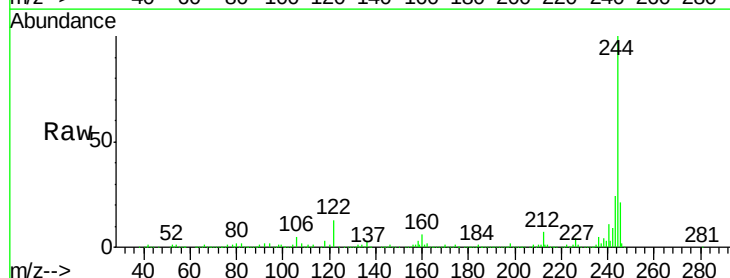
Tgt Ion:244 Resp: 1107608

Ion Ratio Lower Upper

244 100

212 6.6 10.0 15.0#

122 13.4 8.6 12.8#



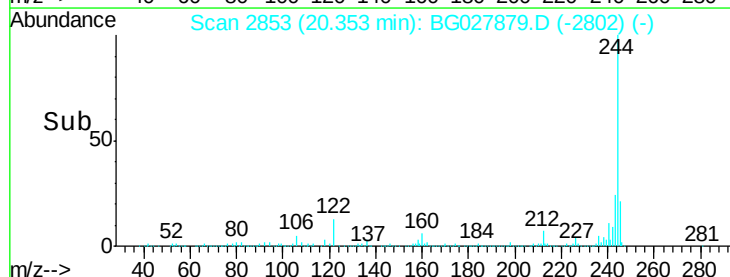
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

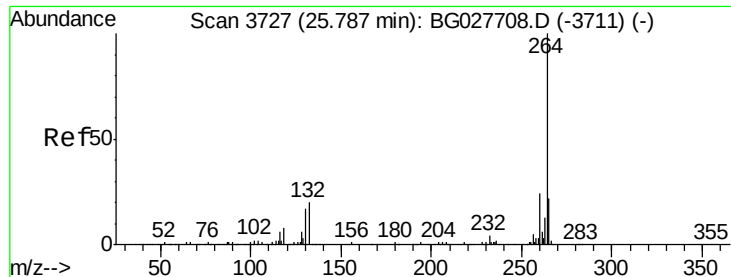
Ion 122.00 (121.70 to 122.70): E

20.35

Time-->



Time-->



#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027879.D
Acq: 7 Jul 2017 21:58

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	21.8	18.2	27.4

