

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070117\
 Data File : BG027803.D
 Acq On : 2 Jul 2017 4:00
 Operator : SJ/JU
 Sample : I4018-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 06:59:44 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 19:26:37 2017
 Response via : Initial Calibration

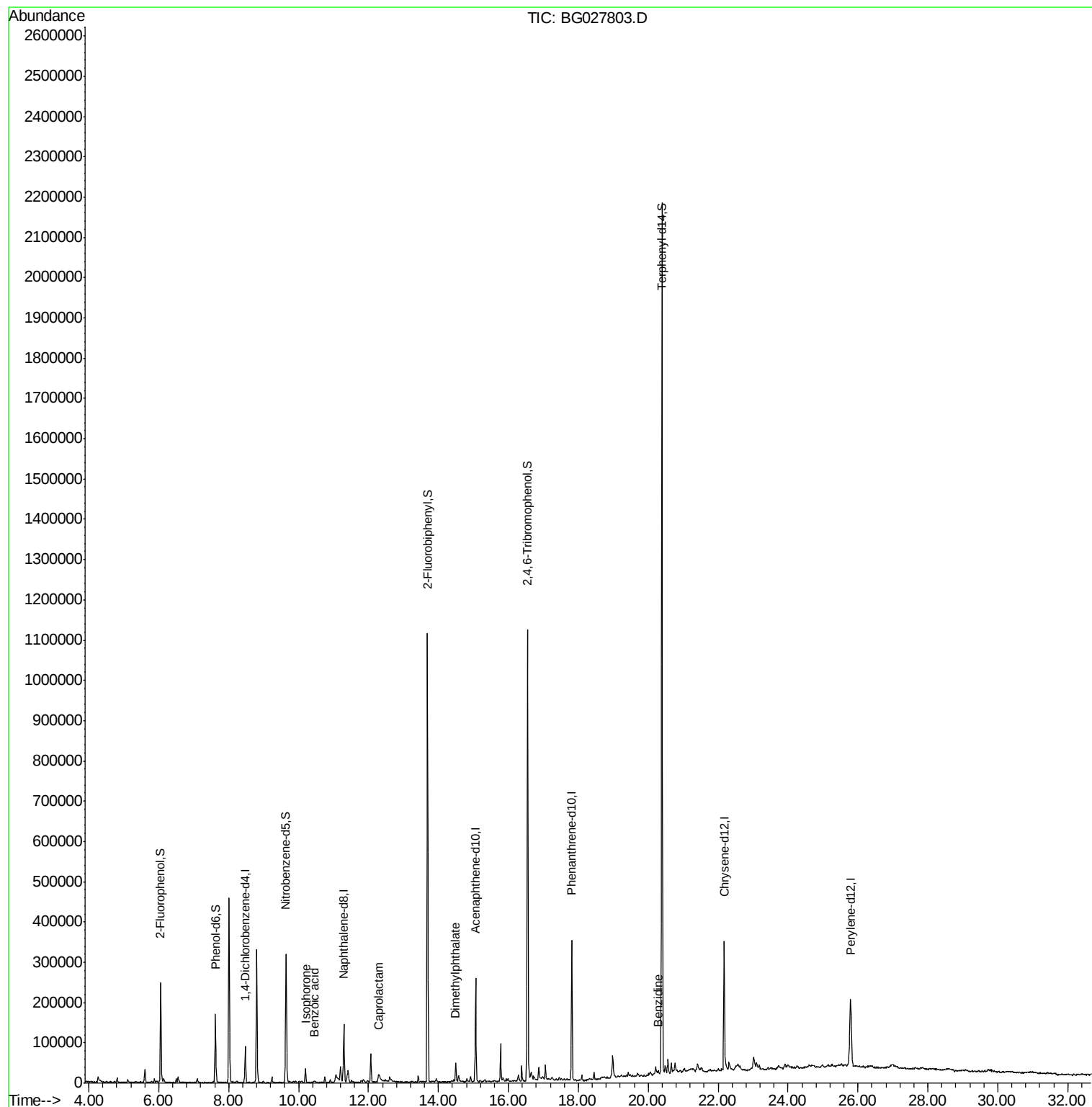
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	25274	20.00	ng	0.00
21) Naphthalene-d8	11.30	136	129680	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	89696	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	215025	20.00	ng	0.00
75) Chrysene-d12	22.17	240	216189	20.00	ng	0.00
86) Perylene-d12	25.79	264	216150	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	110575	67.37	ng	0.00
7) Phenol-d6	7.62	99	103769	41.39	ng	0.00
23) Nitrobenzene-d5	9.64	82	201989	86.82	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	215417	175.10	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	583271	92.87	ng	0.00
78) Terphenyl-d14	20.39	244	959081	104.00	ng	0.00
Target Compounds						
25) Isophorone	10.20	82	26497	5.23	ng	# 92
32) Benzoic acid	10.44	122	1856	10.07	ng	# 1
35) Caprolactam	12.28	113	3020	3.33	ng	90
49) Dimethylphthalate	14.49	163	32117	4.20	ng	97
76) Benzidine	20.27	184	67	3.23	ng	# 64

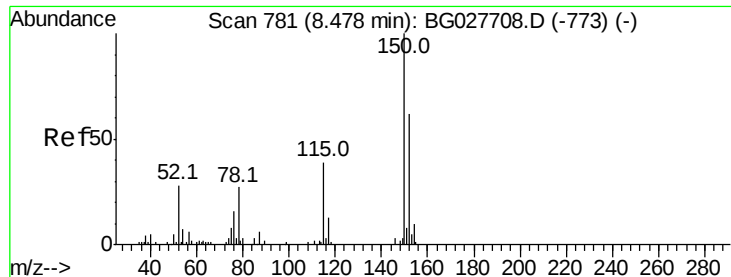
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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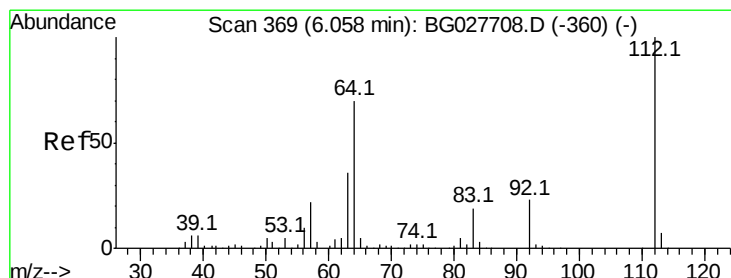
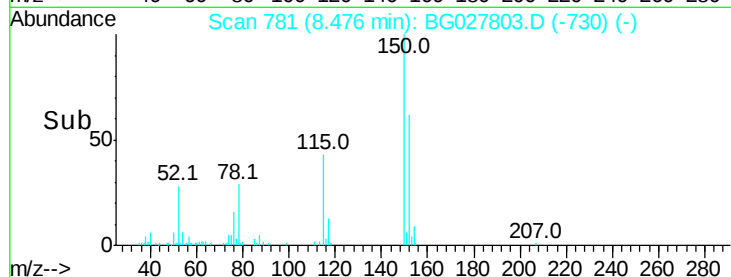
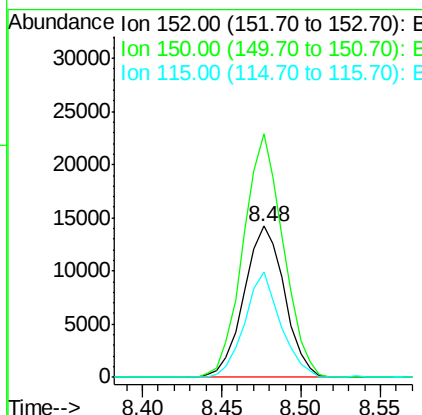
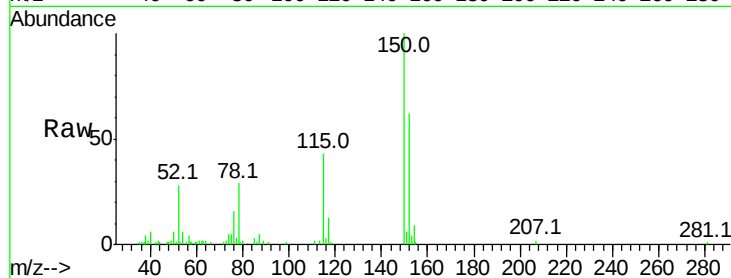


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Instrument :
BNA_G
ClientSampleId :

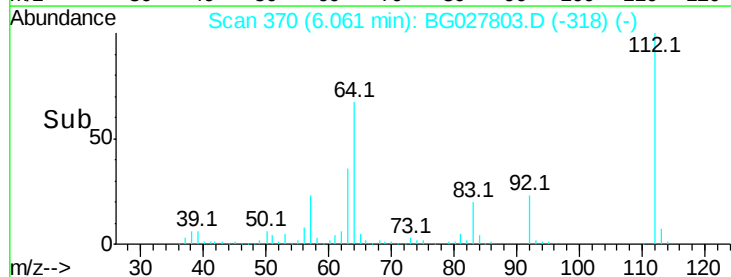
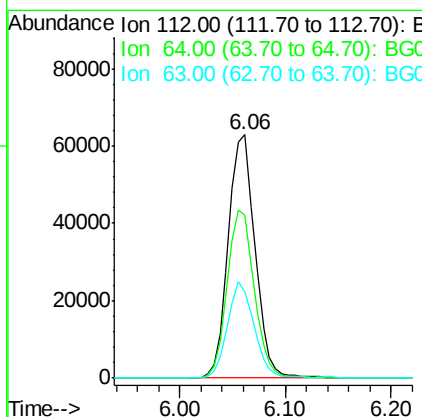
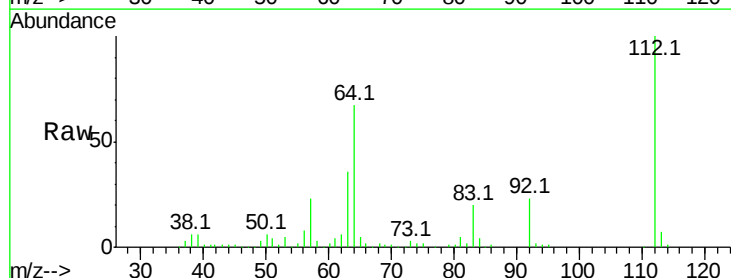
Tot Ion:152 Resp: 25274
Ion Ratio Lower Upper
152 100
150 161.1 114.0 171.0
115 69.5 48.1 72.1

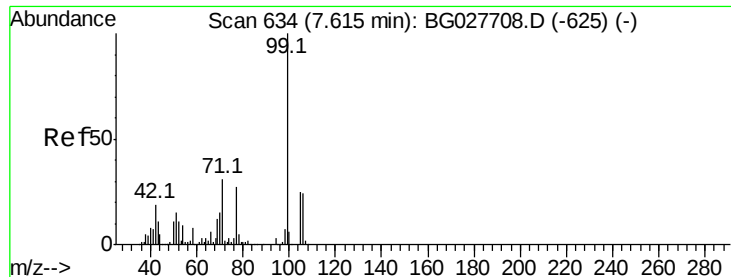


#5

2-Fluorophenol
Concen: 67.37 ng
RT: 6.06 min Scan# 370
Delta R.T. 0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Tgt Ion:112 Resp: 110575
Ion Ratio Lower Upper
112 100
64 67.0 61.8 92.6
63 35.5 37.2 55.8#





#7

Phenol-d6

Concen: 41.39 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Instrument :

BNA_G

ClientSampleId :

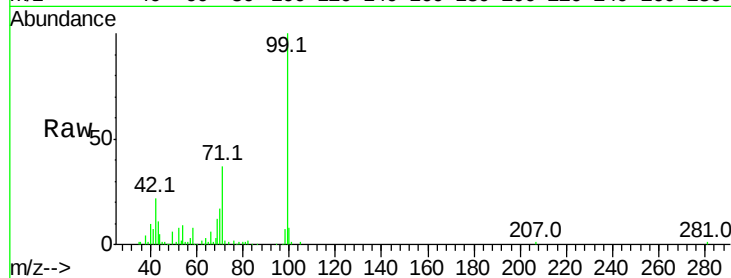
Tot Ion: 99 Resp: 103769

Ion Ratio Lower Upper

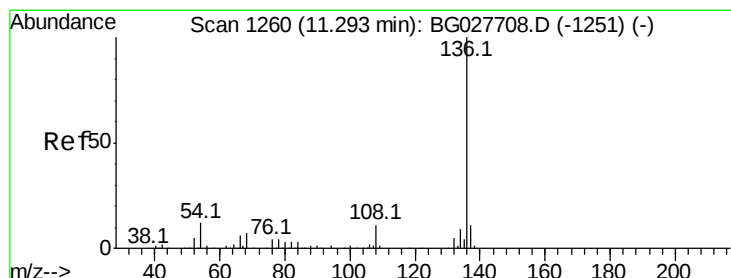
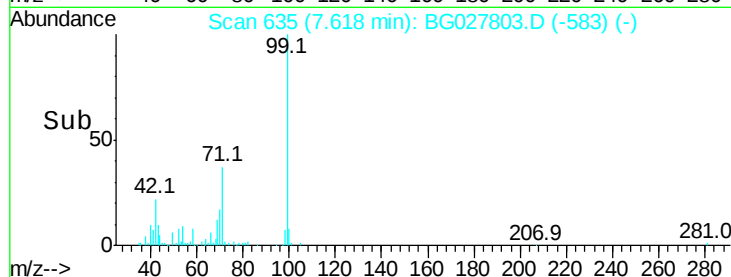
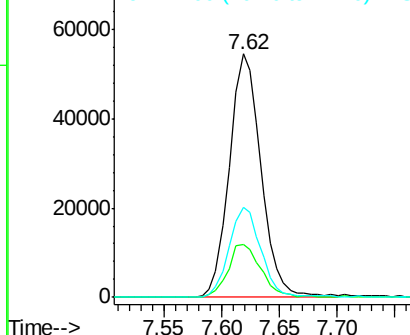
99 100

42 21.5 20.5 30.7

71 36.8 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: 11.30 min Scan# 1261

Delta R.T. 0.00 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Tgt Ion: 136 Resp: 129680

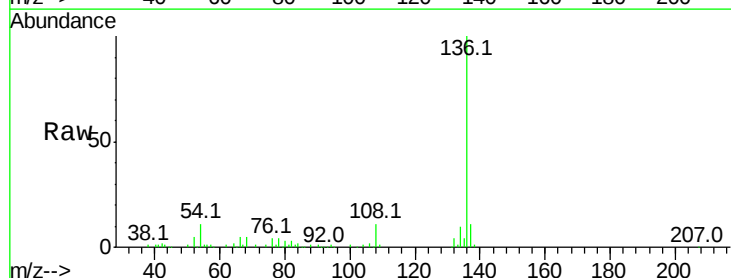
Ion Ratio Lower Upper

136 100

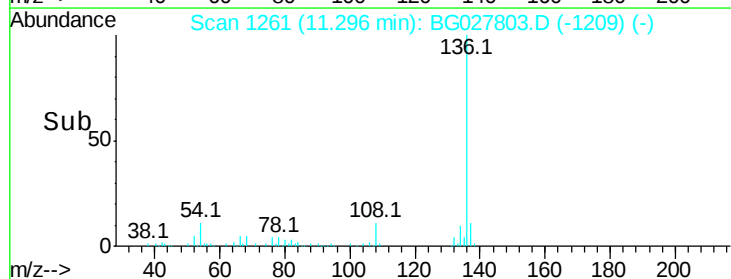
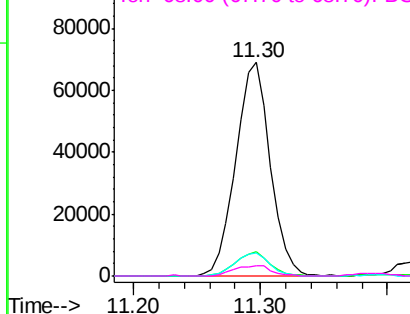
137 11.5 8.9 13.3

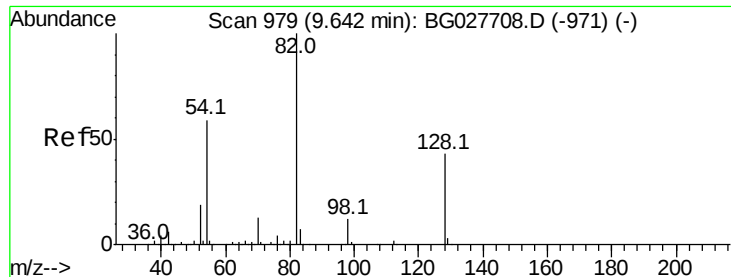
54 10.5 9.3 13.9

68 4.8 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

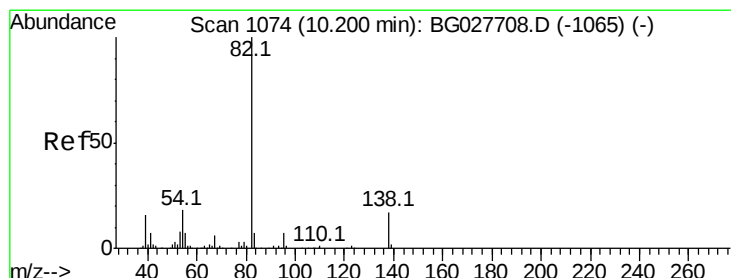
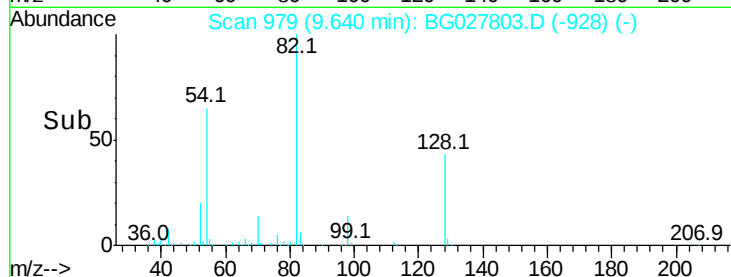
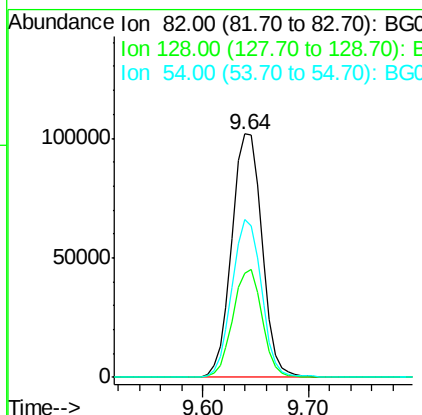
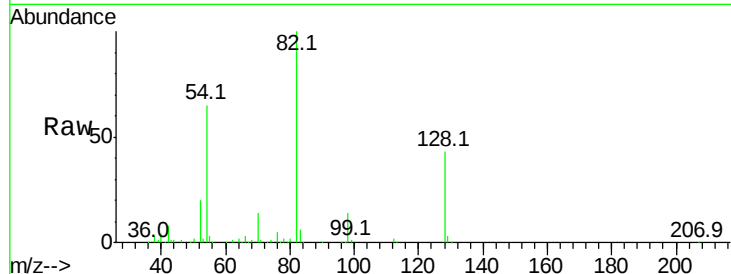




#23
Nitrobenzene-d5
Concen: 86.82 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

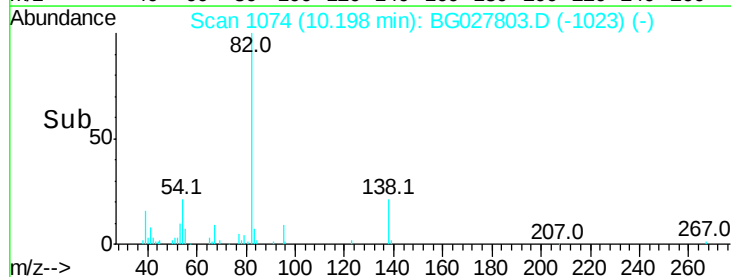
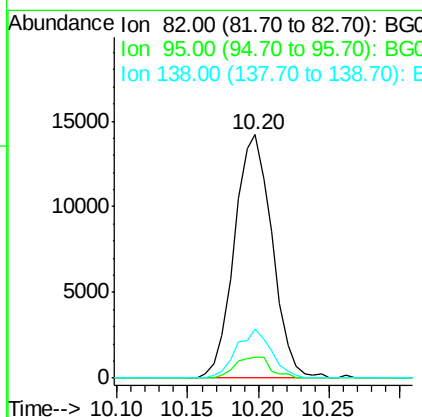
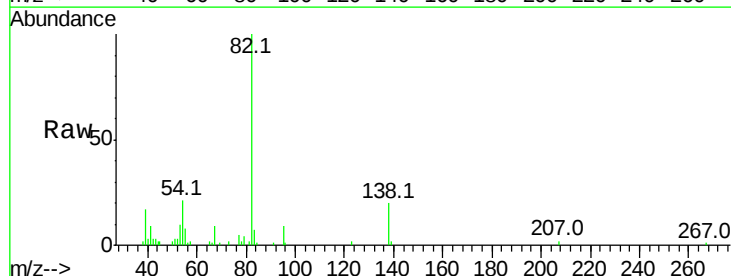
Instrument :
BNA_G
ClientSampleId :

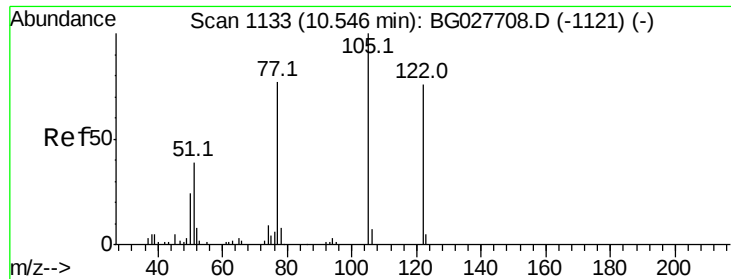
Tot Ion	82	Resp	201989
Ion Ratio	Lower	Upper	
82	100		
128	42.8	26.4	39.6#
54	64.8	49.4	74.2



#25
Isophorone
Concen: 5.23 ng
RT: 10.20 min Scan# 1074
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Tgt Ion	82	Resp	26497
Ion Ratio	Lower	Upper	
82	100		
95	8.7	7.5	11.3
138	20.1	12.3	18.5#





#32

Benzoic acid

Concen: 10.07 ng

RT: 10.44 min Scan# 1115

Delta R.T. -0.11 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

Instrument :

BNA_G

ClientSampleId :

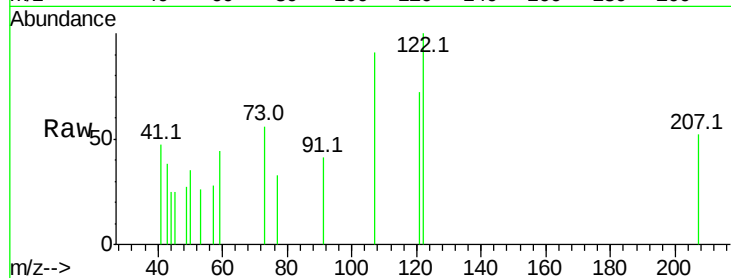
Tot Ion:122 Resp: 1856

Ion Ratio Lower Upper

122 100

105 0.0 120.1 160.1#

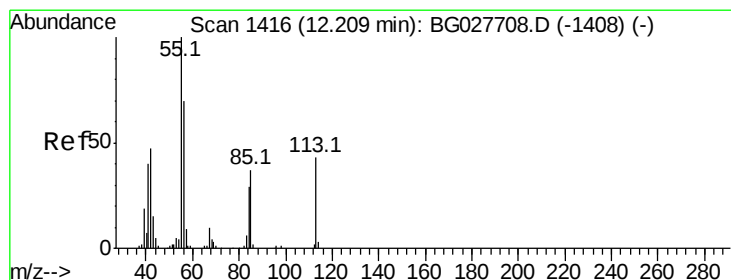
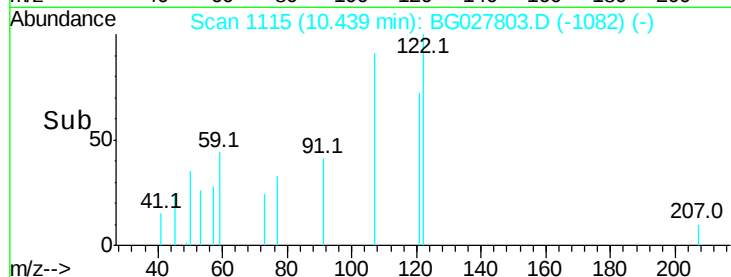
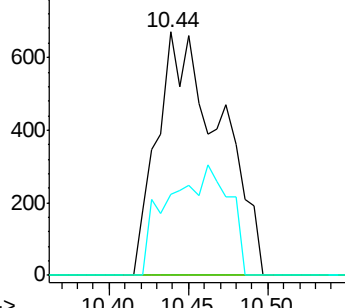
77 33.2 104.6 144.6#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BGC



#35

Caprolactam

Concen: 3.33 ng

RT: 12.28 min Scan# 1429

Delta R.T. 0.07 min

Lab File: BG027803.D

Acq: 2 Jul 2017 4:00

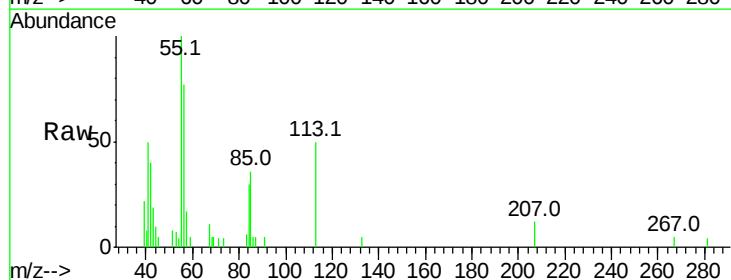
Tgt Ion:113 Resp: 3020

Ion Ratio Lower Upper

113 100

55 198.9 198.6 238.6

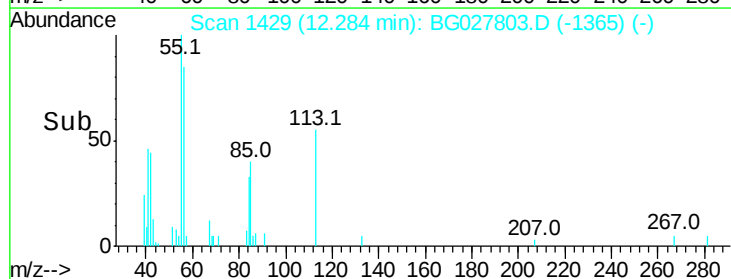
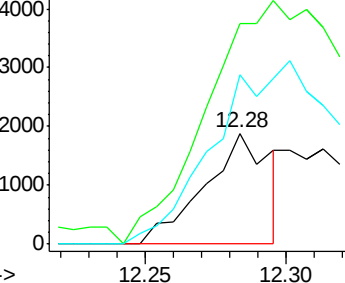
56 152.9 140.4 180.4

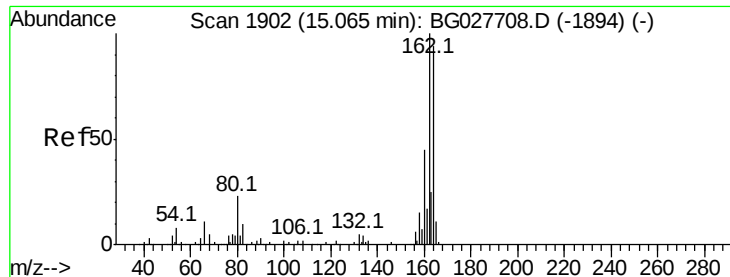


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC

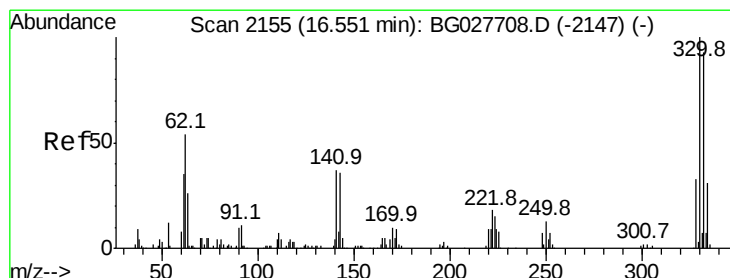
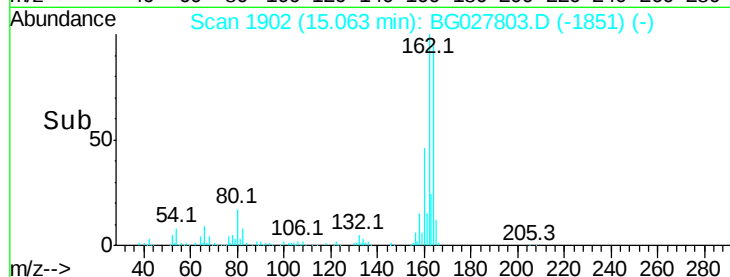
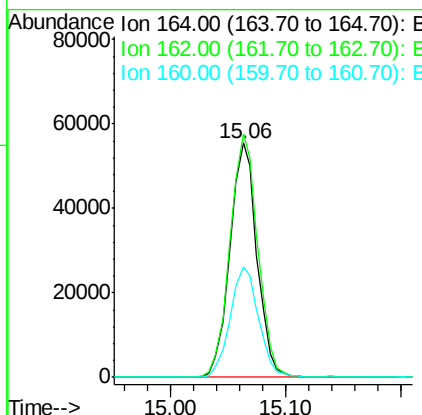
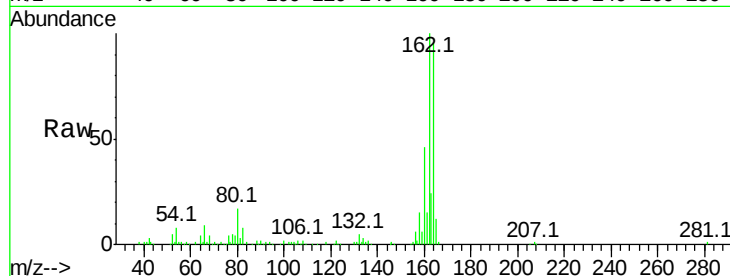




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: BG027803.D
 Acq: 2 Jul 2017 4:00

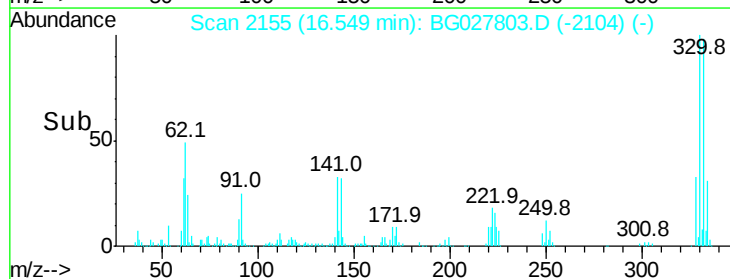
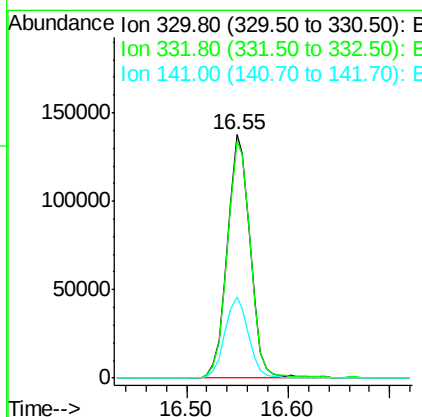
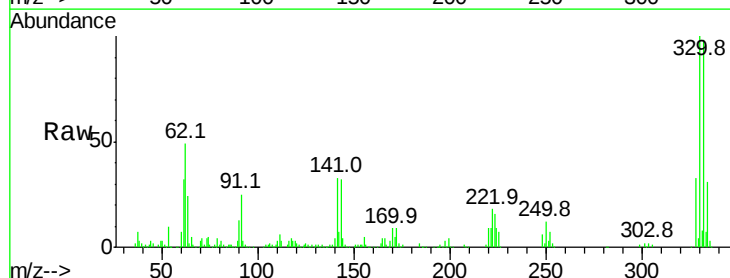
Instrument :
 BNA_G
 ClientSampleId :

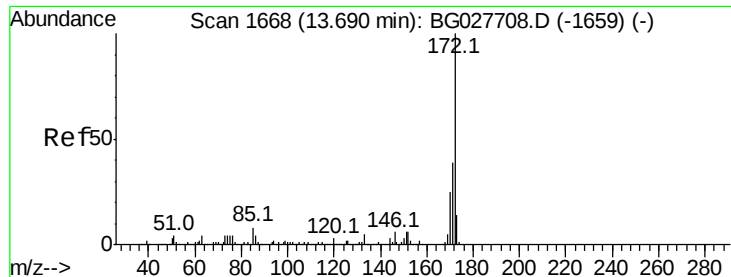
Tot Ion:164 Resp: 89696
 Ion Ratio Lower Upper
 164 100
 162 103.9 85.1 127.7
 160 47.4 34.7 52.1



#41
 2,4,6-Tribromophenol
 Concen: 175.10 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027803.D
 Acq: 2 Jul 2017 4:00

Tgt Ion:330 Resp: 215417
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.3 115.9
 141 34.7 32.1 48.1

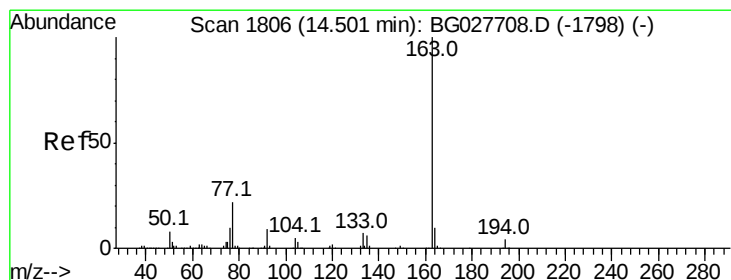
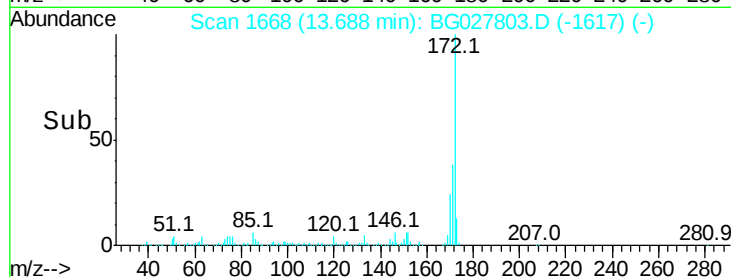
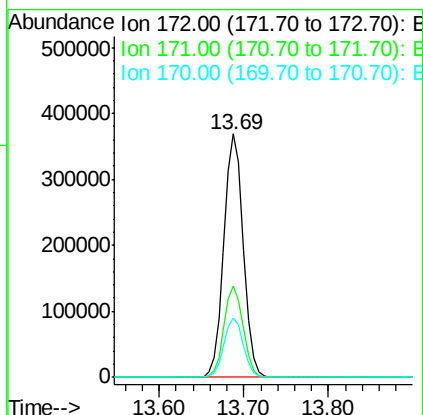
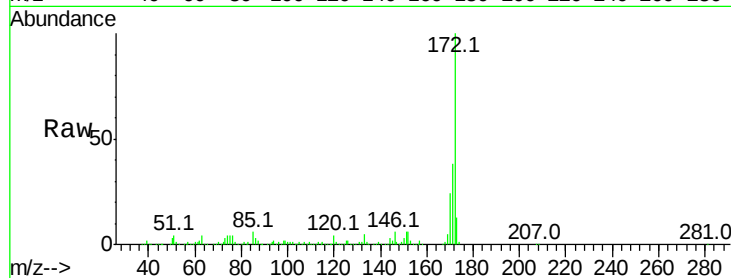




#44
2-Fluorobiphenyl
Concen: 92.87 ng
RT: 13.69 min Scan# 1668
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

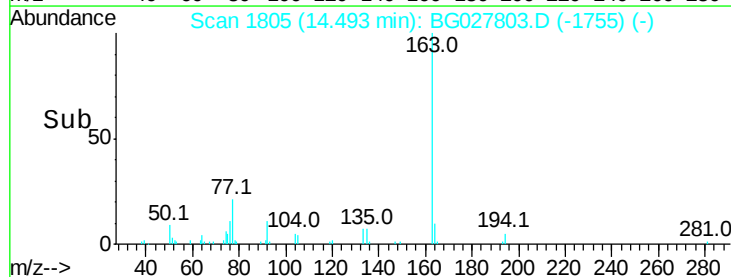
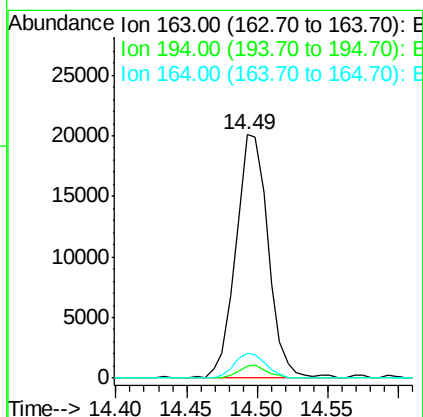
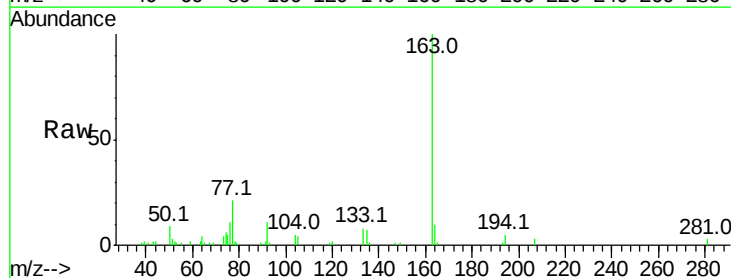
Instrument :
BNA_G
ClientSampleId :

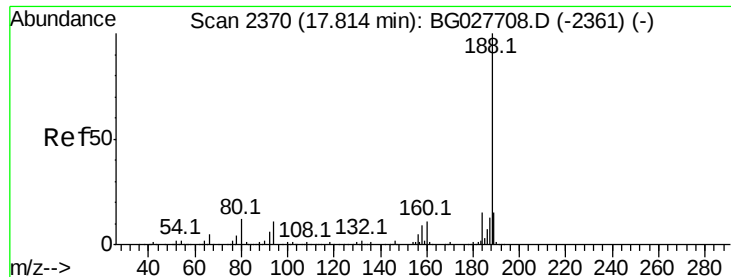
Tot Ion:172 Resp: 583271
Ion Ratio Lower Upper
172 100
171 37.6 32.2 48.2
170 24.4 21.8 32.6



#49
Dimethylphthalate
Concen: 4.20 ng
RT: 14.49 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Tgt Ion:163 Resp: 32117
Ion Ratio Lower Upper
163 100
194 5.1 3.8 5.6
164 10.0 9.3 13.9

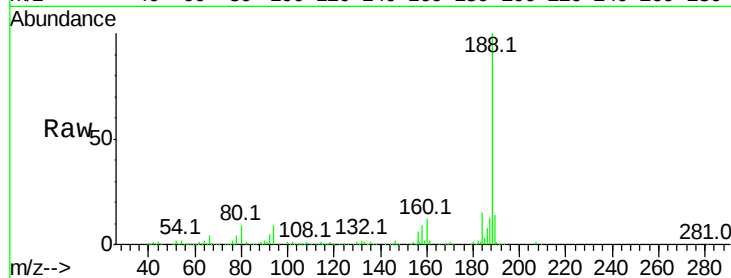




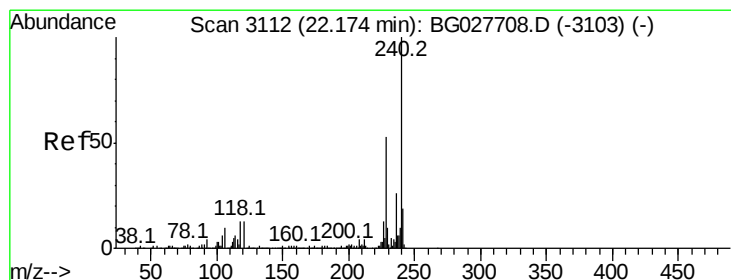
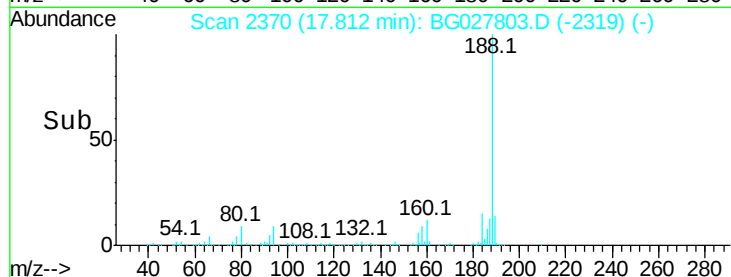
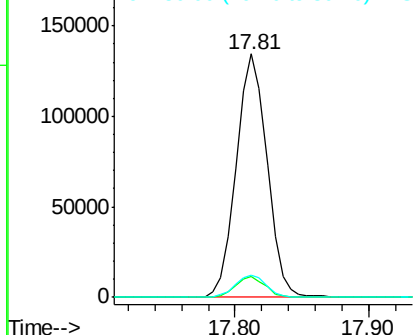
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.81 min Scan# 2370
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 215025
Ion Ratio Lower Upper
188 100
94 8.8 5.8 8.8#
80 9.3 7.5 11.3

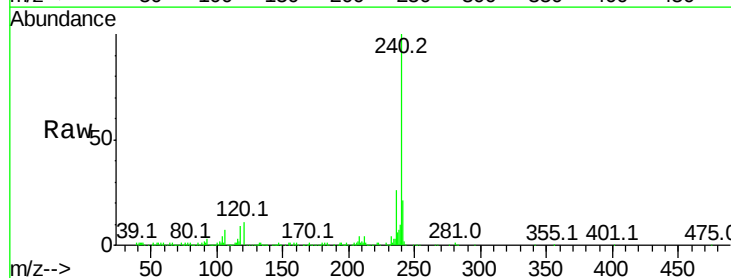


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

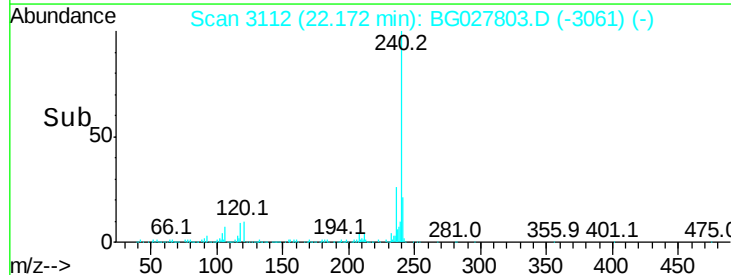
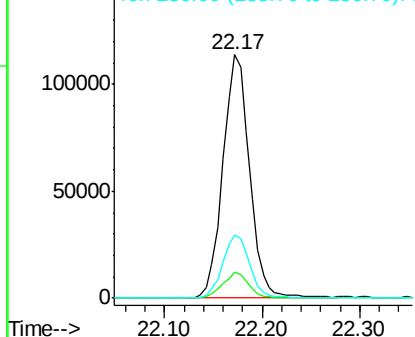


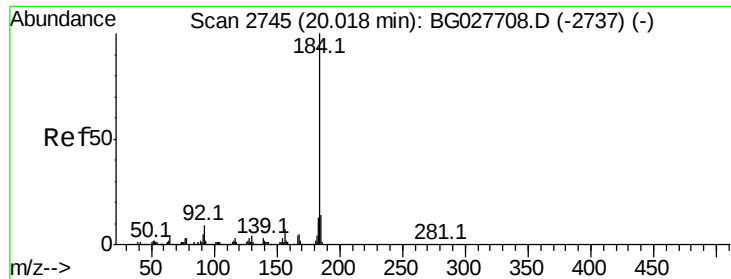
#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.17 min Scan# 3112
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Tgt Ion:240 Resp: 216189
Ion Ratio Lower Upper
240 100
120 10.6 5.7 8.5#
236 25.9 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

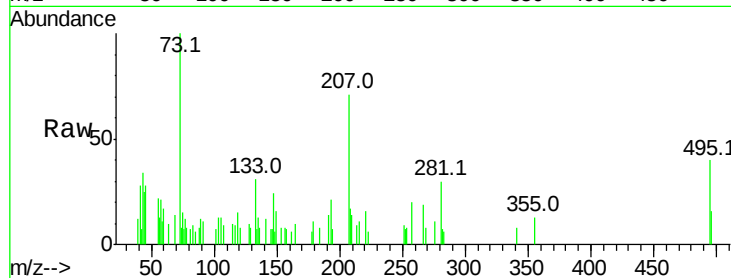




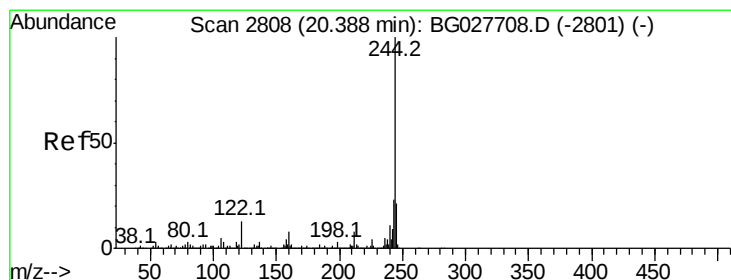
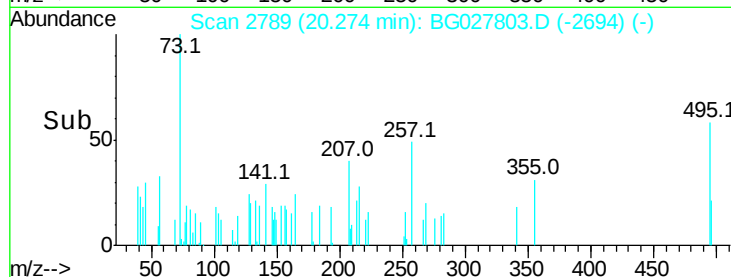
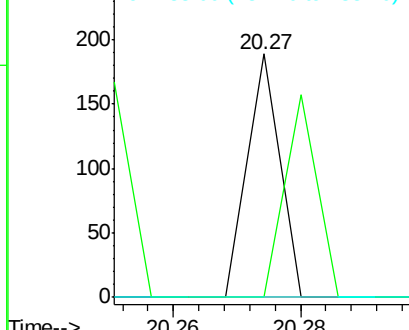
#76
Benzidine
Concen: 3.23 ng
RT: 20.27 min Scan# 2789
Delta R.T. 0.26 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Instrument :
BNA_G
ClientSampled :

Tot Ion	Ratio	Lower	Upper
184	100		
185	0.0	13.0	19.6#
183	0.0	11.0	16.6#

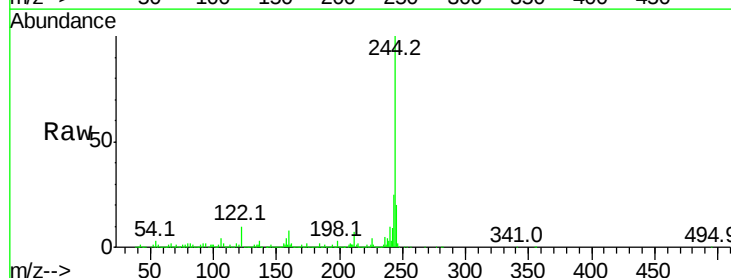


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

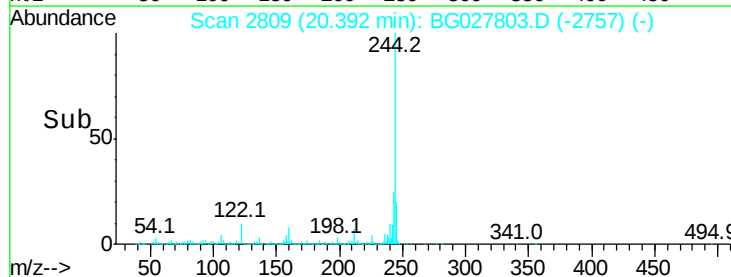
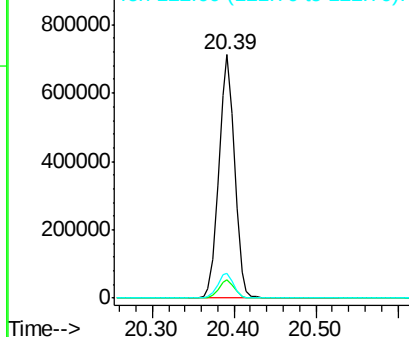


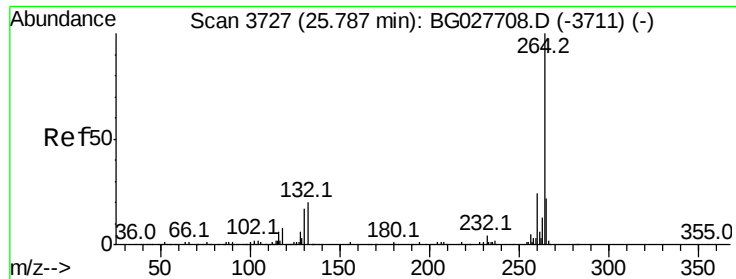
#78
Terphenyl-d14
Concen: 104.00 ng
RT: 20.39 min Scan# 2809
Delta R.T. 0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	10.0	15.0#
122	9.9	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
Pervlene-d12
Concen: 20.00 ng
RT: 25.79 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BG027803.D
Acq: 2 Jul 2017 4:00

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	21.8	32.8
265	22.0	18.2	27.4

