

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070217\
 Data File : BG027822.D
 Acq On : 2 Jul 2017 17:12
 Operator : SJ/JU
 Sample : I3977-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 03 08:07:37 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

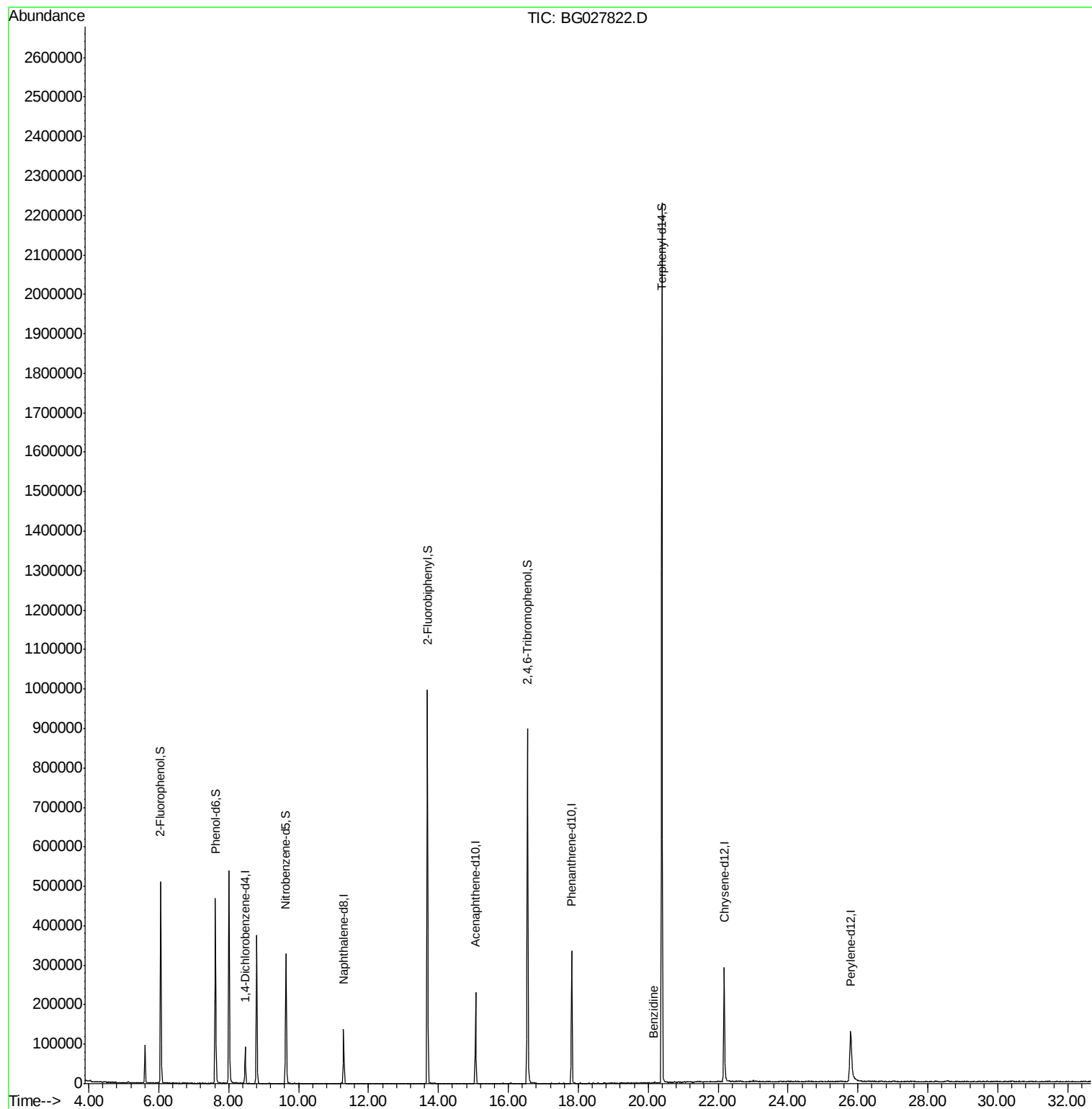
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	27119	20.00	ng	0.00
21) Naphthalene-d8	11.29	136	128697	20.00	ng	0.00
38) Acenaphthene-d10	15.06	164	85313	20.00	ng	0.00
63) Phenanthrene-d10	17.81	188	222290	20.00	ng	0.00
75) Chrysene-d12	22.18	240	220986	20.00	ng	0.00
86) Perylene-d12	25.79	264	196853	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.06	112	232640	132.10	ng	0.00
7) Phenol-d6	7.62	99	288749	107.33	ng	0.00
23) Nitrobenzene-d5	9.64	82	201792	87.40	ng	0.00
41) 2,4,6-Tribromophenol	16.55	330	203601	173.99	ng	0.00
44) 2-Fluorobiphenyl	13.69	172	554789	92.87	ng	0.00
78) Terphenyl-d14	20.39	244	1040274	110.36	ng	0.00
Target Compounds						
76) Benzidine	20.15	184	802	3.36	ng	Qvalue # 64

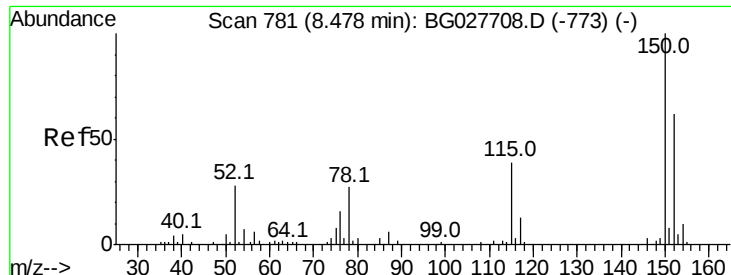
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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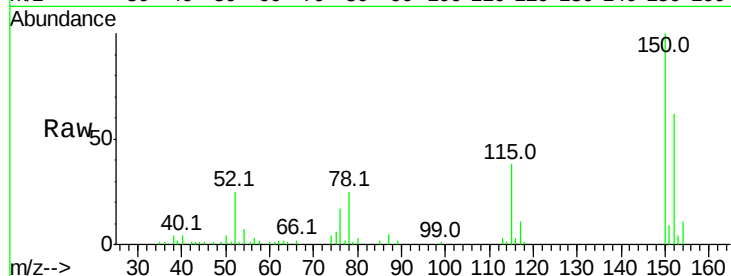


#1

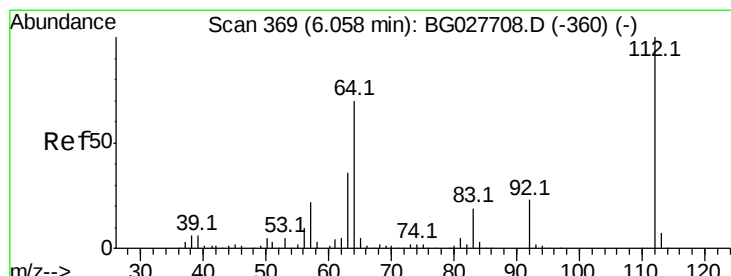
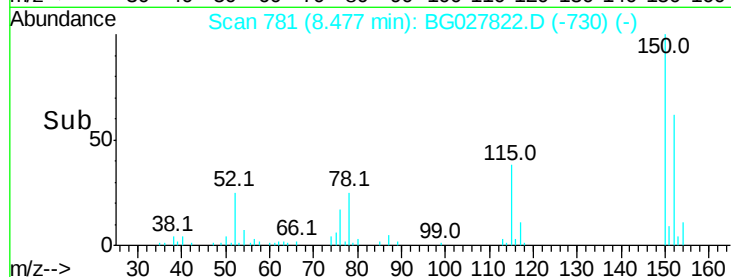
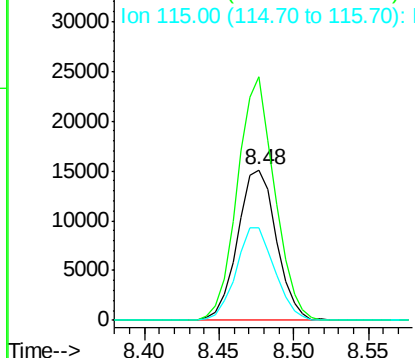
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.48 min Scan# 781
Delta R.T. -0.00 min
Lab File: BG027822.D
Acq: 2 Jul 2017 17:12

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 27119
Ion Ratio Lower Upper
152 100
150 161.5 114.0 171.0
115 61.4 48.1 72.1



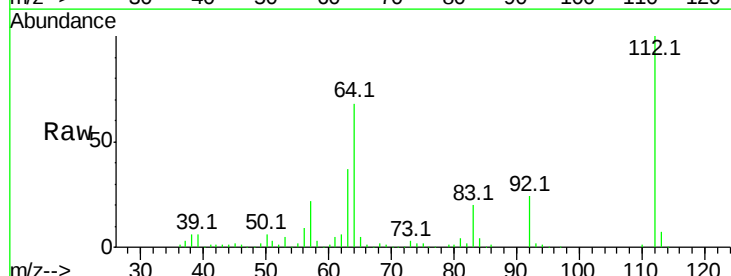
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



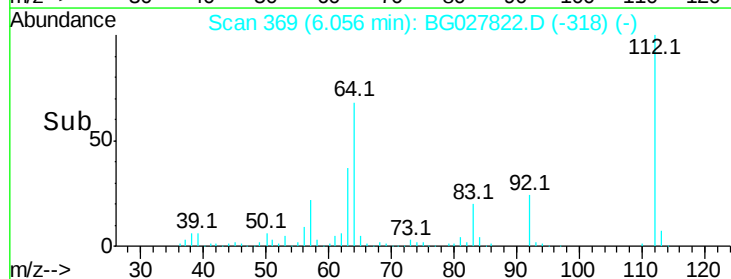
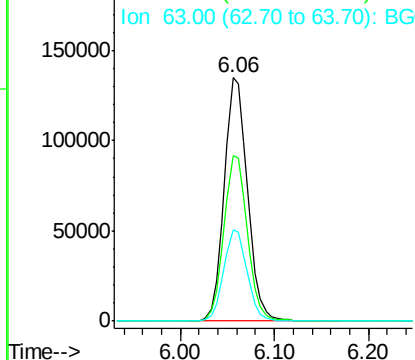
#5

2-Fluorophenol
Concen: 132.10 ng
RT: 6.06 min Scan# 369
Delta R.T. -0.00 min
Lab File: BG027822.D
Acq: 2 Jul 2017 17:12

Tgt Ion:112 Resp: 232640
Ion Ratio Lower Upper
112 100
64 68.1 61.8 92.6
63 37.4 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: 107.33 ng

RT: 7.62 min Scan# 635

Delta R.T. 0.00 min

Lab File: BG027822.D

Acq: 2 Jul 2017 17:12

Instrument :

BNA_G

ClientSampleId :

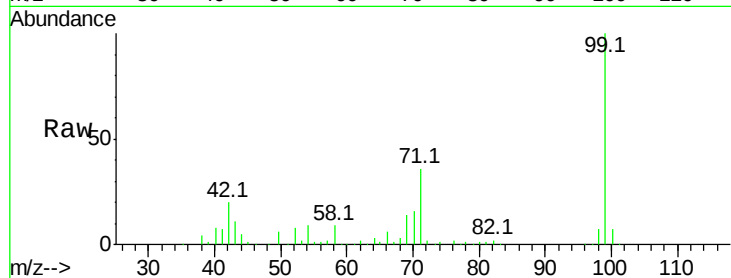
Tot Ion: 99 Resp: 288749

Ion Ratio Lower Upper

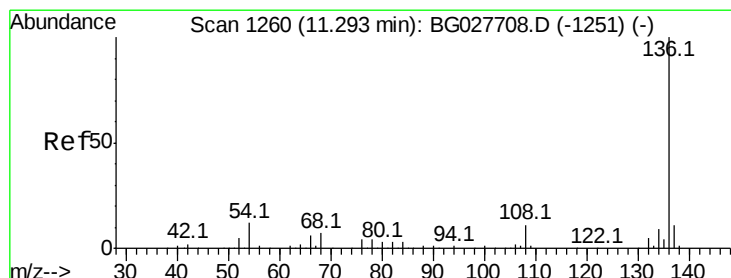
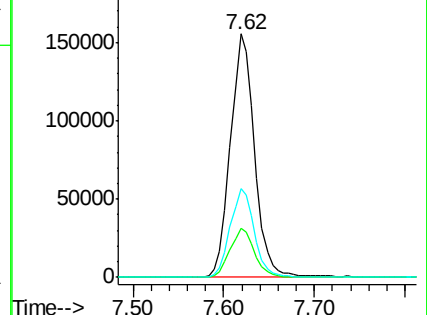
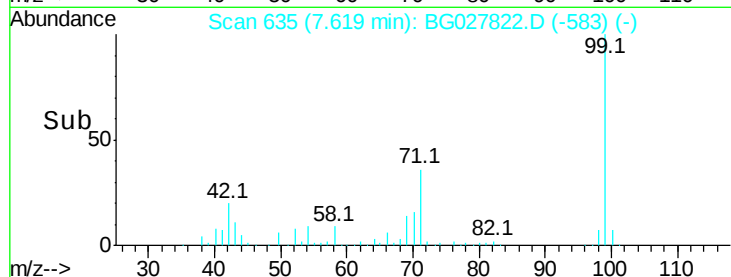
99 100

42 20.2 20.5 30.7#

71 36.3 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: 11.29 min Scan# 1260

Delta R.T. -0.00 min

Lab File: BG027822.D

Acq: 2 Jul 2017 17:12

Tgt Ion: 136 Resp: 128697

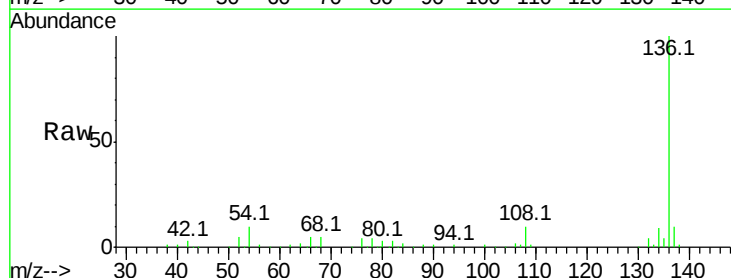
Ion Ratio Lower Upper

136 100

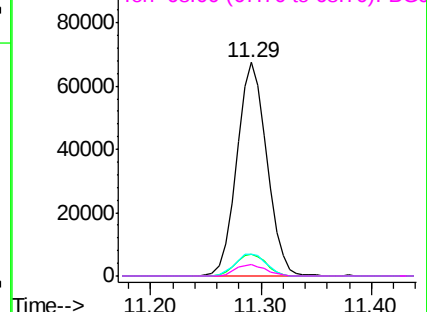
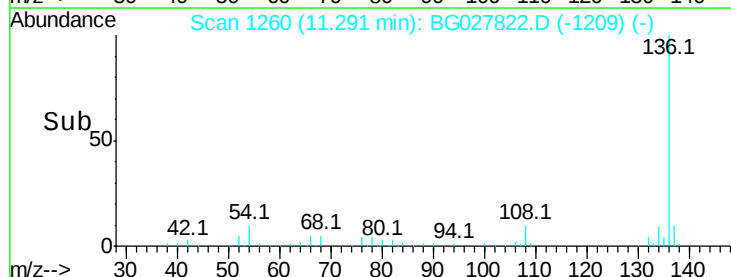
137 10.3 8.9 13.3

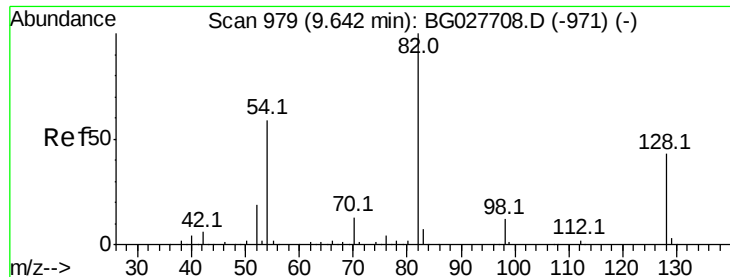
54 10.3 9.3 13.9

68 5.2 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

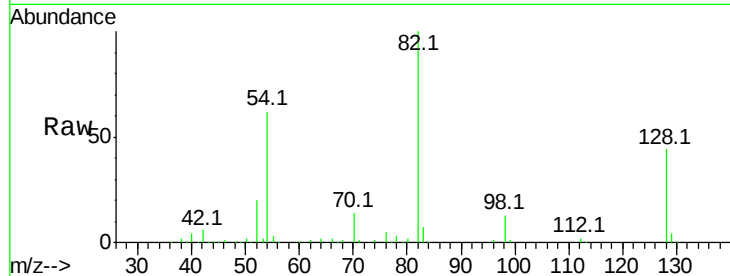




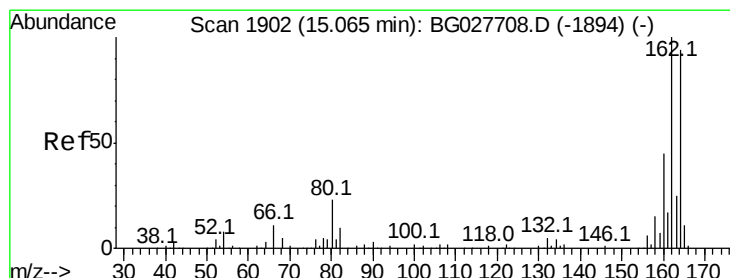
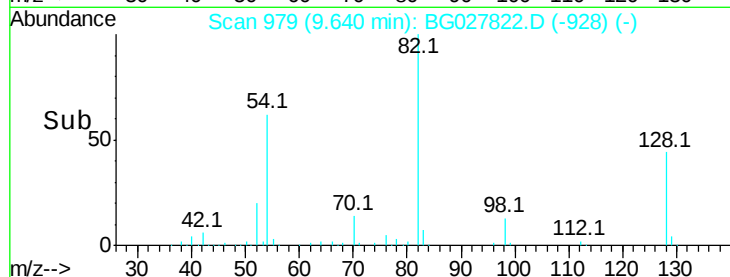
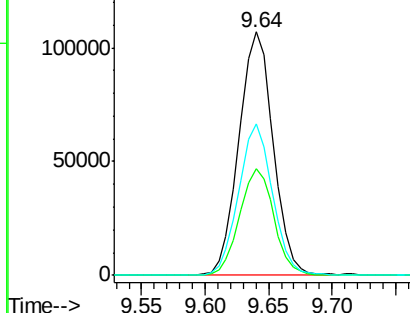
#23
Nitrobenzene-d5
Concen: 87.40 ng
RT: 9.64 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG027822.D
Acq: 2 Jul 2017 17:12

Instrument :
BNA_G
ClientSampled :

Tot Ion: 82 Resp: 201792
Ion Ratio Lower Upper
82 100
128 43.9 26.4 39.6#
54 62.1 49.4 74.2

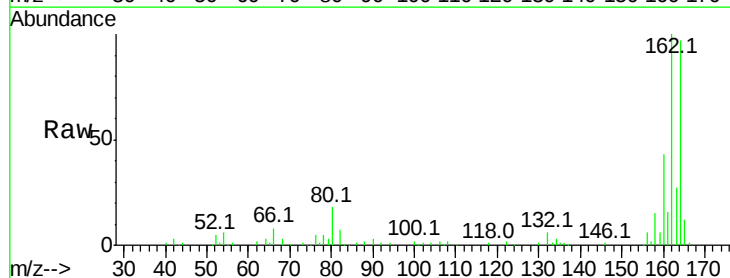


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

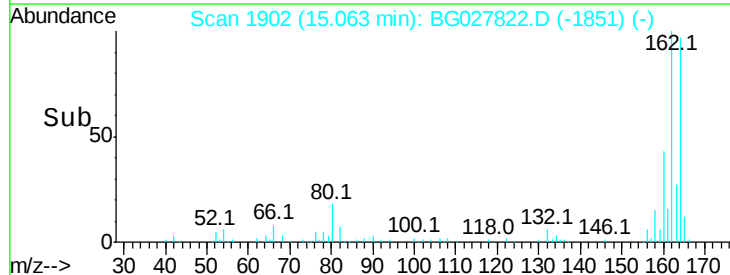
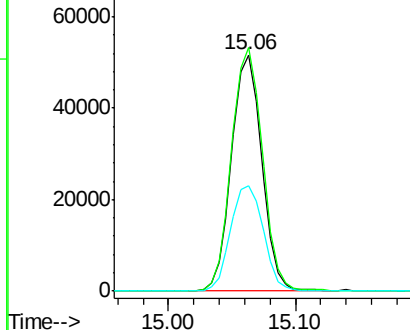


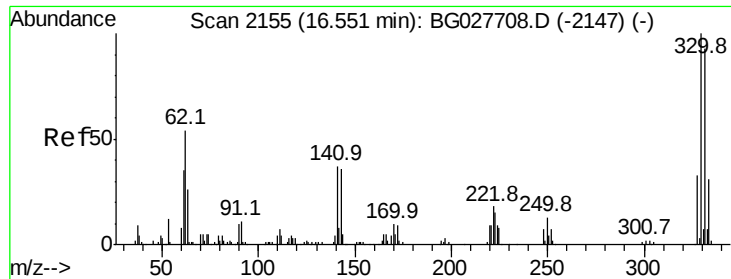
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 15.06 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BG027822.D
Acq: 2 Jul 2017 17:12

Tgt Ion:164 Resp: 85313
Ion Ratio Lower Upper
164 100
162 103.0 85.1 127.7
160 44.5 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

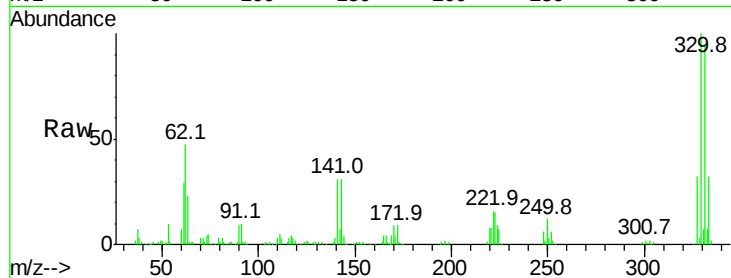




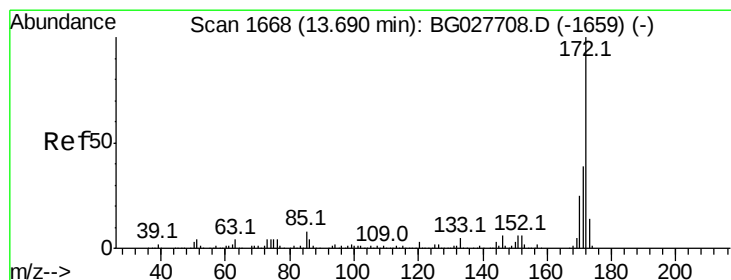
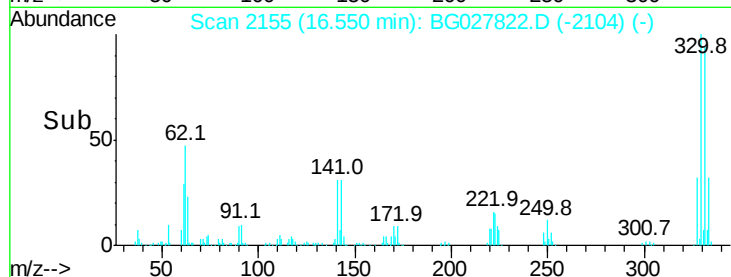
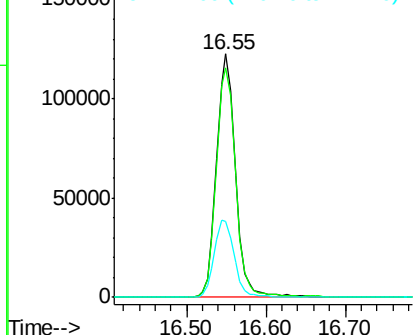
#41
 2,4,6-Tribromophenol
 Concen: 173.99 ng
 RT: 16.55 min Scan# 2155
 Delta R.T. -0.00 min
 Lab File: BG027822.D
 Acq: 2 Jul 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	33.8	32.1	48.1

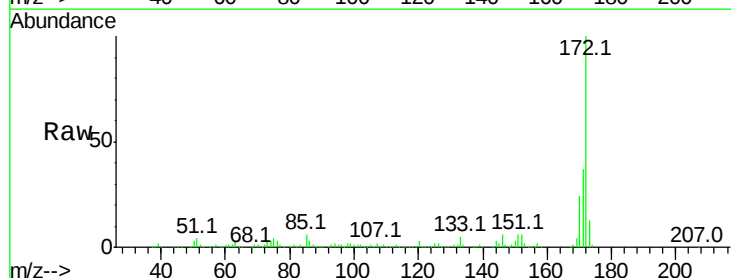


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

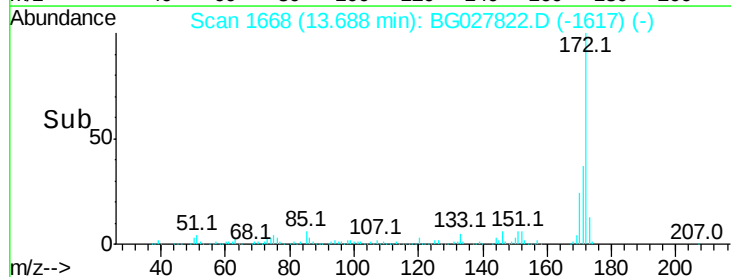
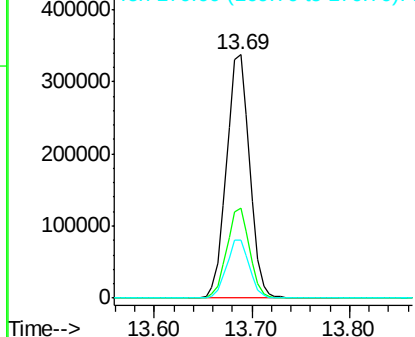


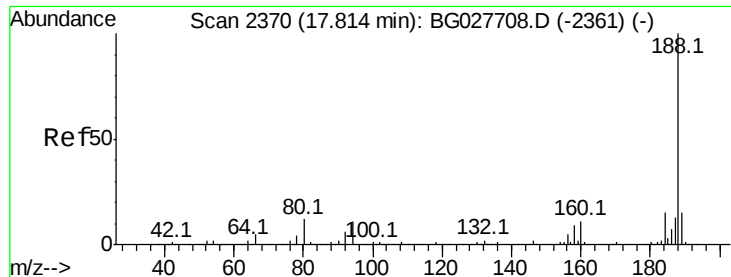
#44
 2-Fluorobiphenyl
 Concen: 92.87 ng
 RT: 13.69 min Scan# 1668
 Delta R.T. -0.00 min
 Lab File: BG027822.D
 Acq: 2 Jul 2017 17:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	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: 20.00 ng

RT: 17.81 min Scan# 2370

Delta R.T. -0.00 min

Lab File: BG027822.D

Acq: 2 Jul 2017 17:12

Instrument :

BNA_G

ClientSampleId :

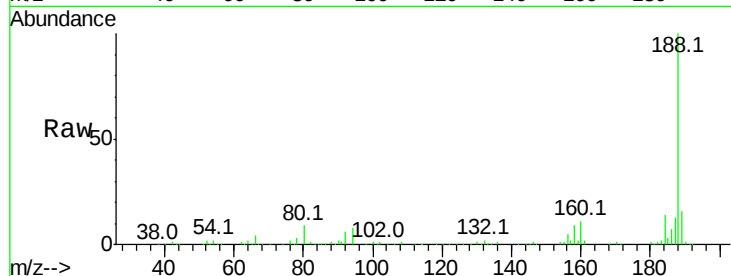
Tot Ion:188 Resp: 222290

Ion Ratio Lower Upper

188 100

94 8.3 5.8 8.8

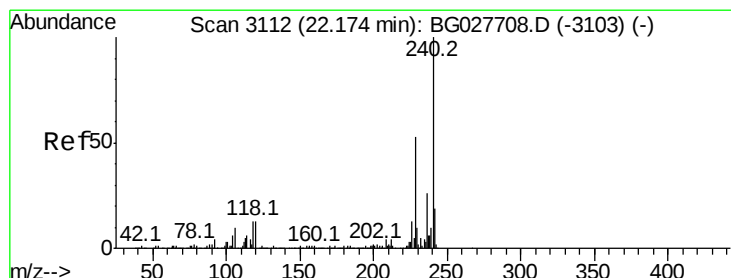
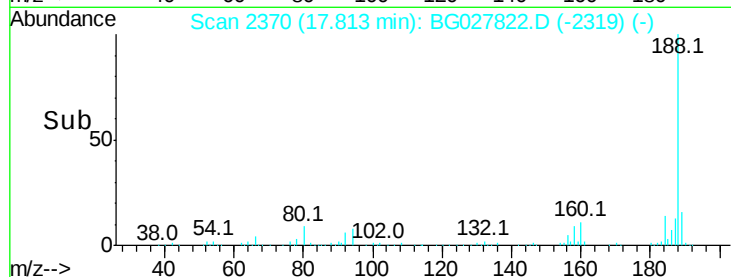
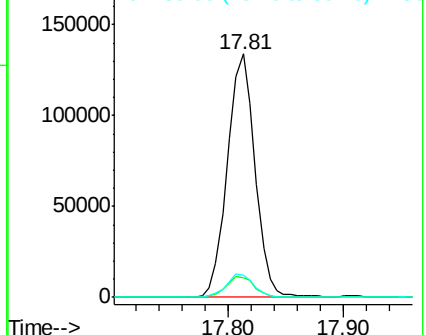
80 9.0 7.5 11.3



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# 3113

Delta R.T. 0.00 min

Lab File: BG027822.D

Acq: 2 Jul 2017 17:12

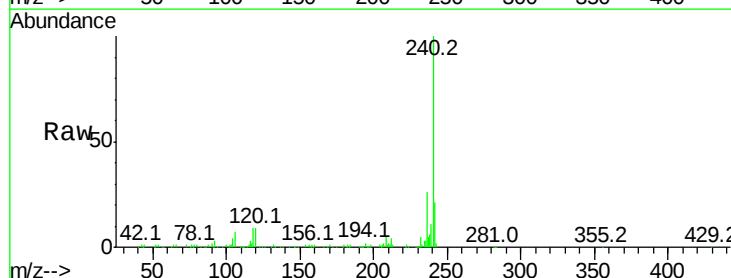
Tgt Ion:240 Resp: 220986

Ion Ratio Lower Upper

240 100

120 9.3 5.7 8.5#

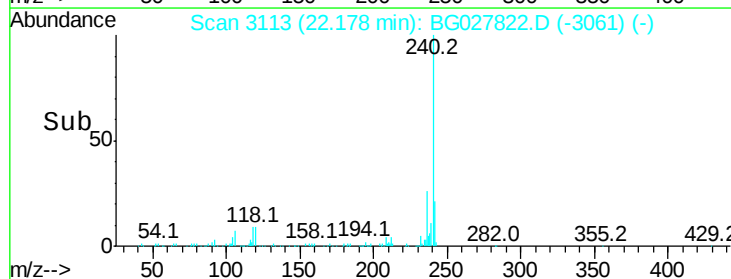
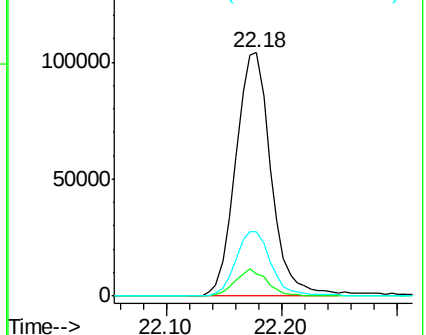
236 26.4 22.2 33.4

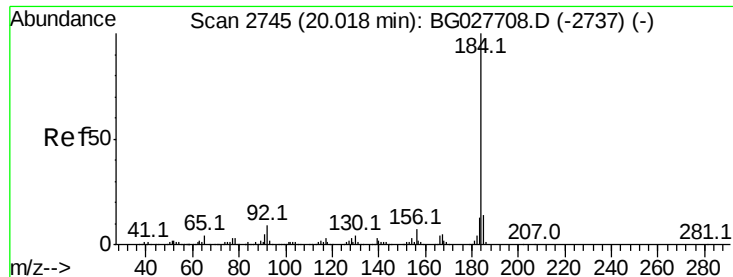


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 3.36 ng

RT: 20.15 min Scan# 2768

Delta R.T. 0.13 min

Lab File: BG027822.D

Acq: 2 Jul 2017 17:12

Instrument :

BNA_G

ClientSampleId :

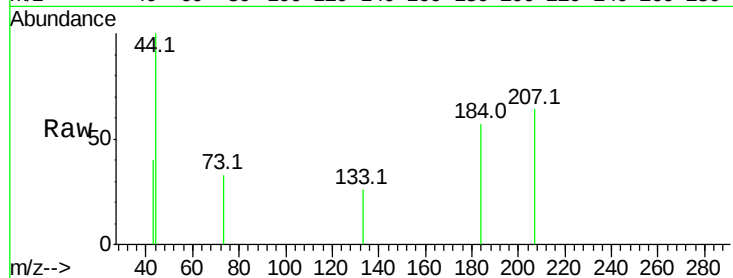
Tot Ion:184 Resp: 802

Ion Ratio Lower Upper

184 100

185 0.0 13.0 19.6#

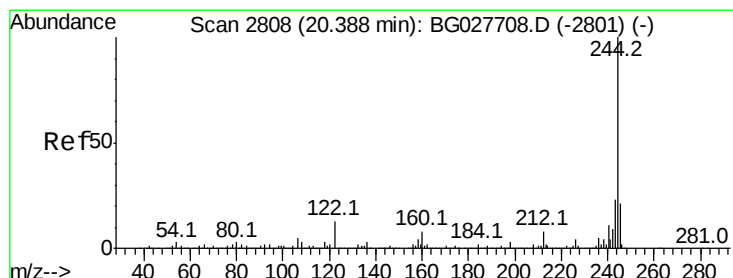
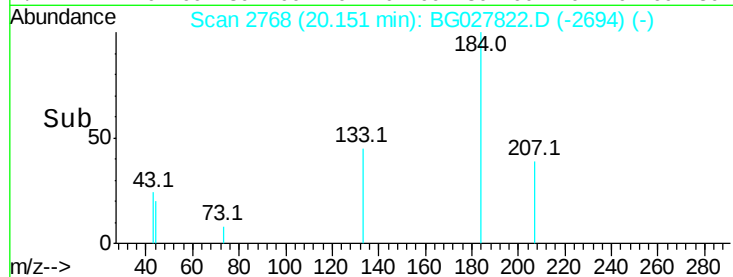
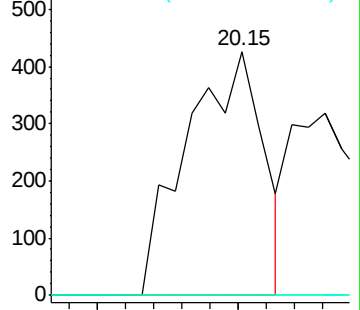
183 0.0 11.0 16.6#



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: 110.36 ng

RT: 20.39 min Scan# 2809

Delta R.T. 0.00 min

Lab File: BG027822.D

Acq: 2 Jul 2017 17:12

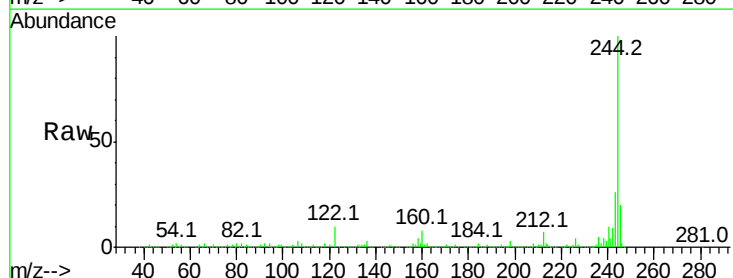
Tgt Ion:244 Resp: 1040274

Ion Ratio Lower Upper

244 100

212 7.4 10.0 15.0#

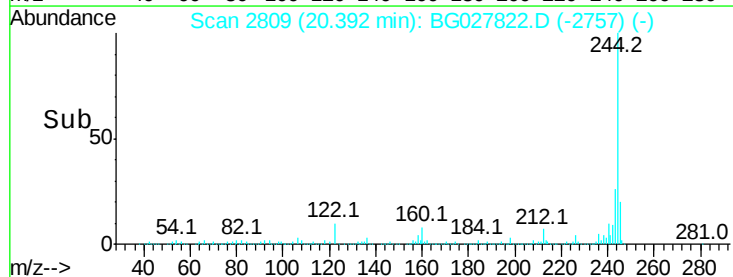
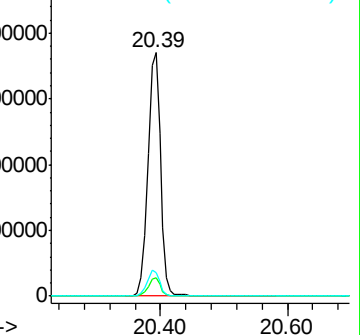
122 9.8 8.6 12.8

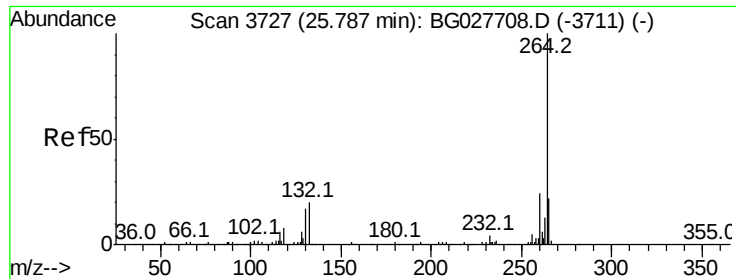


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG027822.D
 Acq: 2 Jul 2017 17:12

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	21.8	32.8
265	19.9	18.2	27.4

