

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070717\
 Data File : BG027874.D
 Acq On : 7 Jul 2017 18:39
 Operator : SJ/JU
 Sample : I4062-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-070517

Quant Time: Jul 08 02:12:20 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

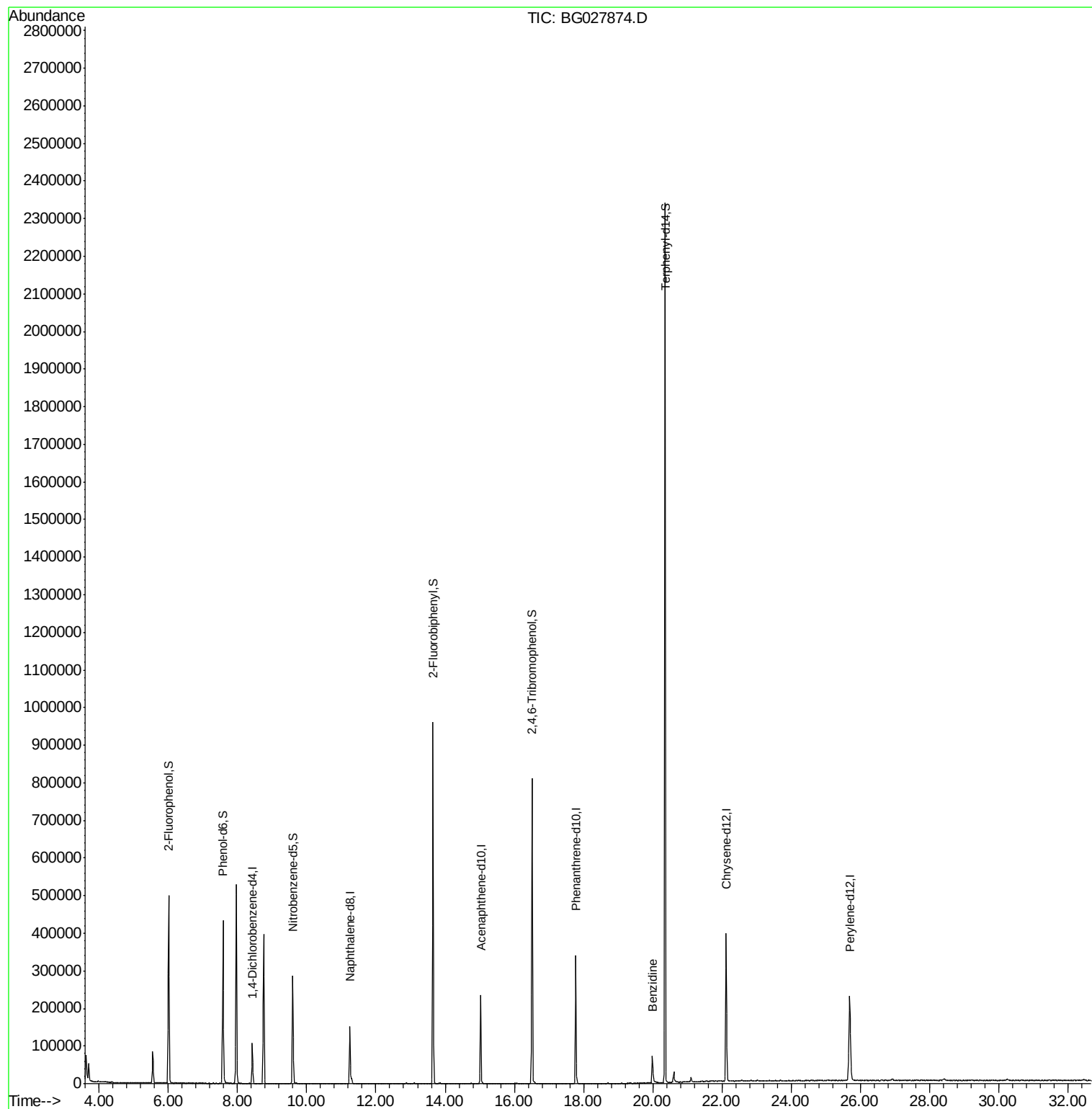
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	35570	20.00	ng	0.00
21) Naphthalene-d8	11.25	136	154338	20.00	ng	0.00
38) Acenaphthene-d10	15.03	164	85114	20.00	ng	0.00
63) Phenanthrene-d10	17.78	188	220464	20.00	ng	0.00
75) Chrysene-d12	22.13	240	264935	20.00	ng	0.00
86) Perylene-d12	25.69	264	250958	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.01	112	283789	122.86	ng	0.00
7) Phenol-d6	7.58	99	354634	100.50	ng	0.00
23) Nitrobenzene-d5	9.59	82	209601	75.70	ng	0.00
41) 2,4,6-Tribromophenol	16.51	330	190090	162.83	ng	0.00
44) 2-Fluorobiphenyl	13.65	172	536033	89.94	ng	0.00
78) Terphenyl-d14	20.36	244	1101402	97.46	ng	0.00
Target Compounds						
76) Benzidine	19.99	184	67764	13.242	ng	Qvalue 95

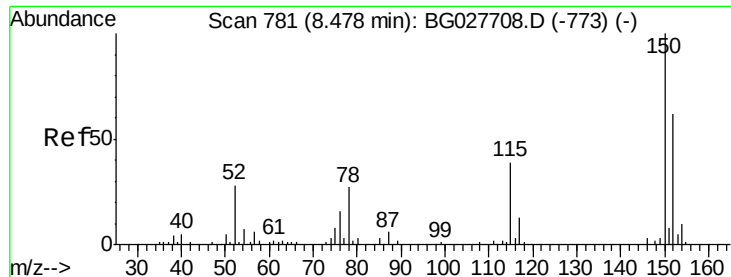
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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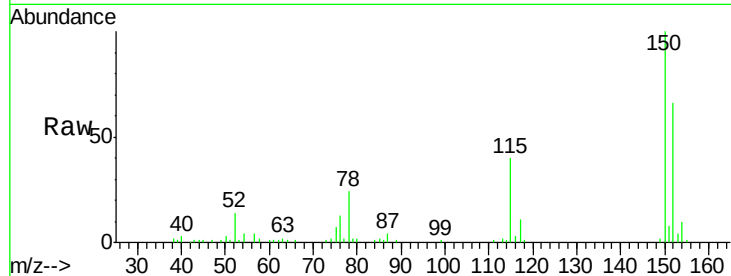


#1

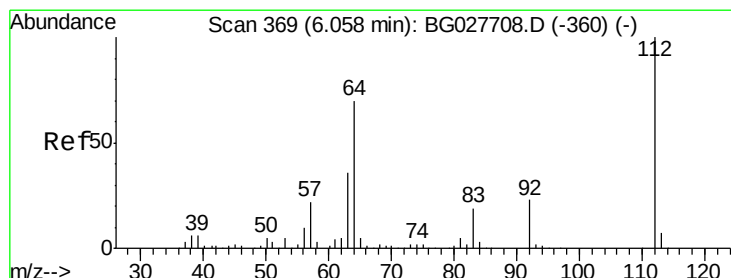
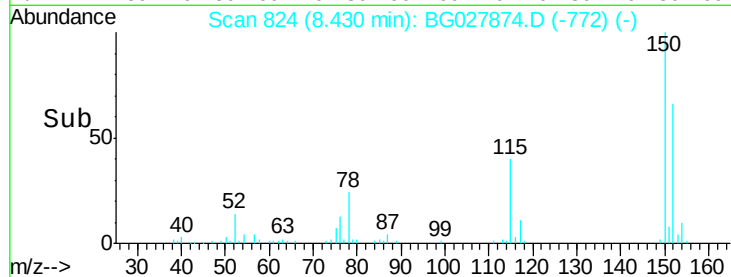
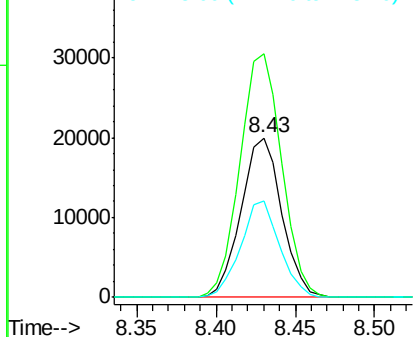
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.43 min Scan# 824
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Instrument :
BNA_G
ClientSampleId :
SU-02-070517

Tgt Ion:152 Resp: 35570
Ion Ratio Lower Upper
152 100
150 152.6 114.0 171.0
115 60.7 48.1 72.1



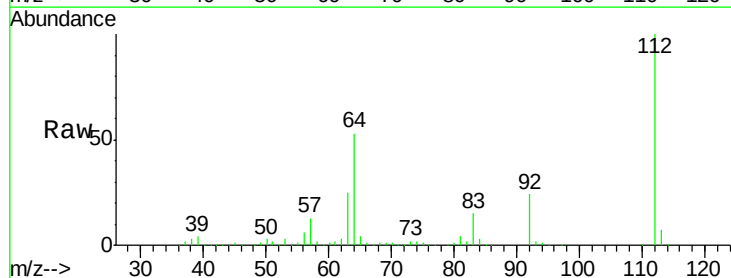
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



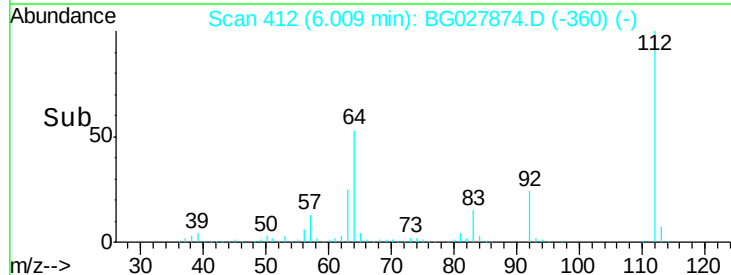
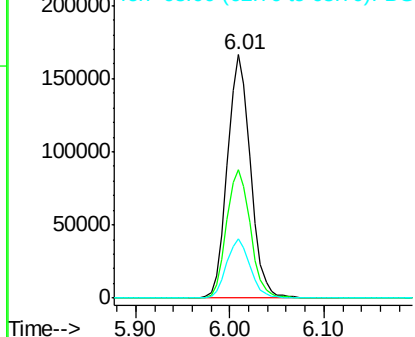
#5

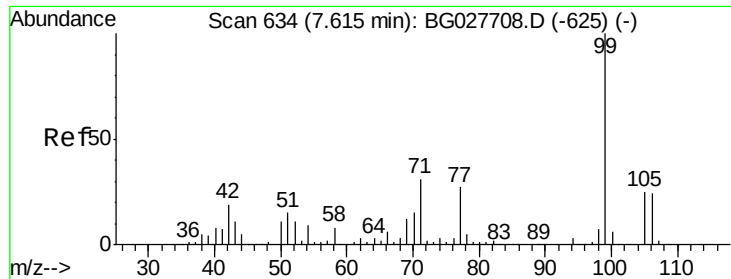
2-Fluorophenol
Concen: 122.859 ng
RT: 6.01 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Tgt Ion:112 Resp: 283789
Ion Ratio Lower Upper
112 100
64 52.7 61.8 92.6#
63 24.6 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: 100.498 ng

RT: 7.58 min Scan# 679

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Instrument :

BNA_G

ClientSampleId :

SU-02-070517

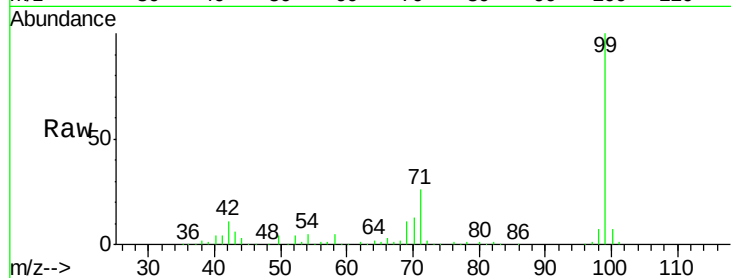
Tgt Ion: 99 Resp: 354634

Ion Ratio Lower Upper

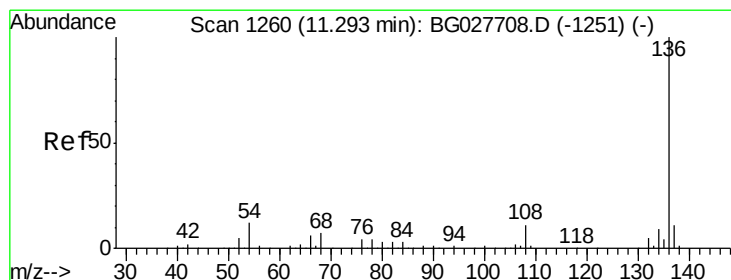
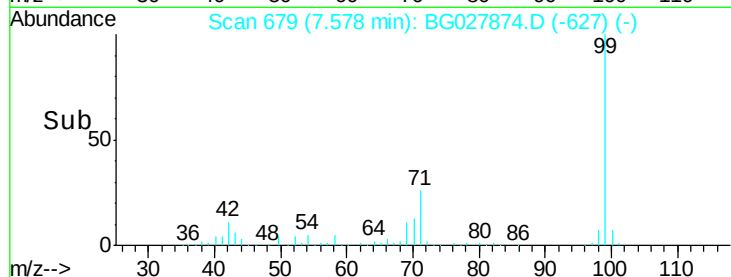
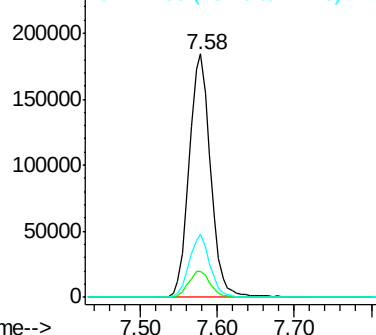
99 100

42 10.6 20.5 30.7#

71 25.8 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: 20.000 ng

RT: 11.25 min Scan# 1304

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Tgt Ion: 136 Resp: 154338

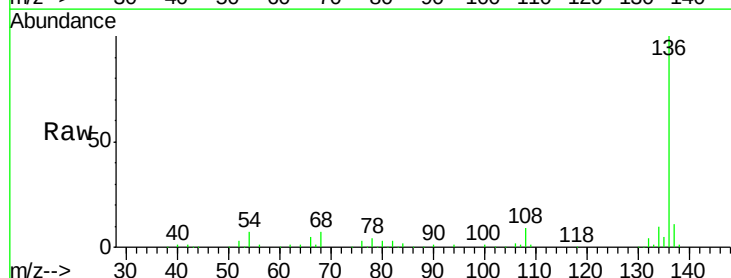
Ion Ratio Lower Upper

136 100

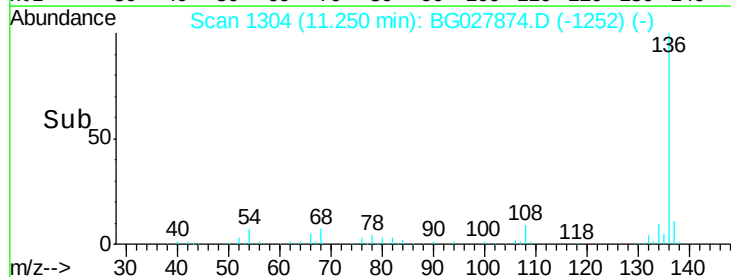
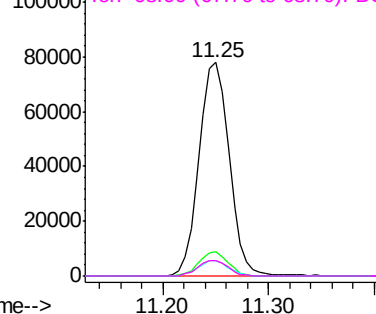
137 11.2 8.9 13.3

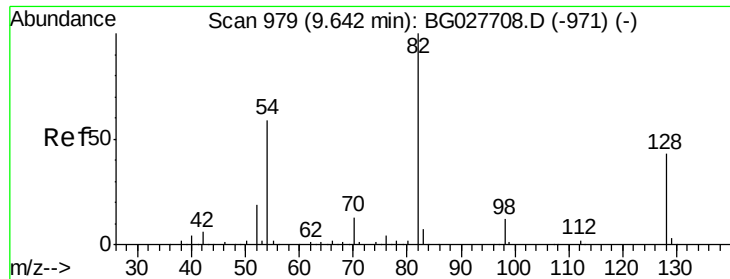
54 7.4 9.3 13.9#

68 7.3 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: 75.700 ng

RT: 9.59 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Instrument :

BNA_G

ClientSampleId :

SU-02-070517

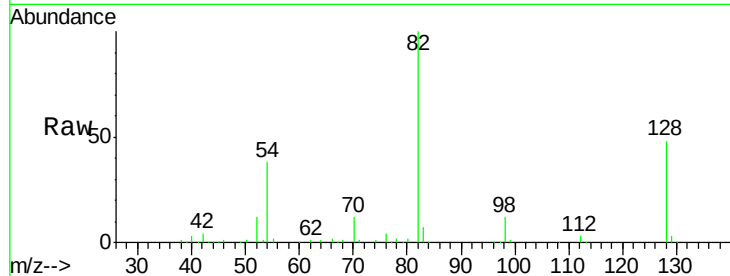
Tgt Ion: 82 Resp: 209601

Ion Ratio Lower Upper

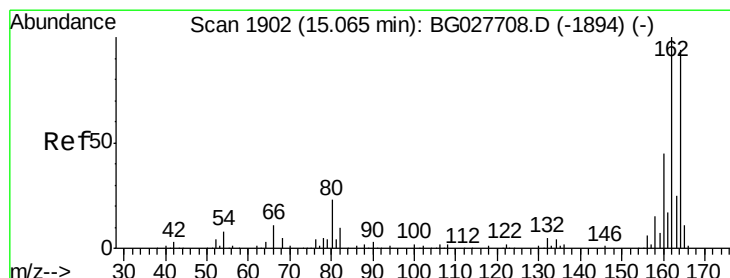
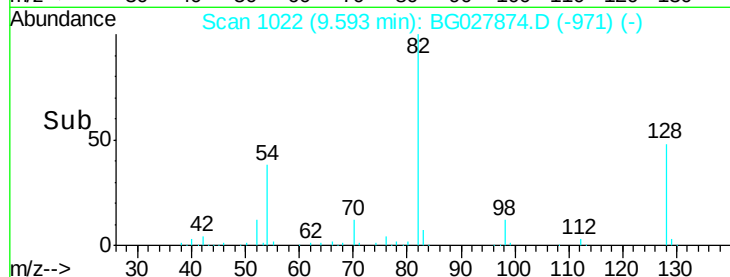
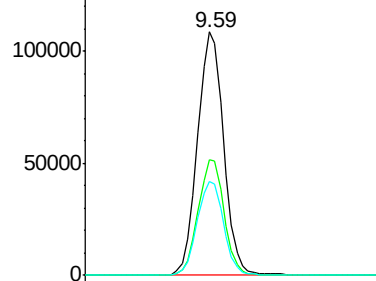
82 100

128 47.7 26.4 39.6#

54 38.3 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: 20.000 ng

RT: 15.03 min Scan# 1947

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

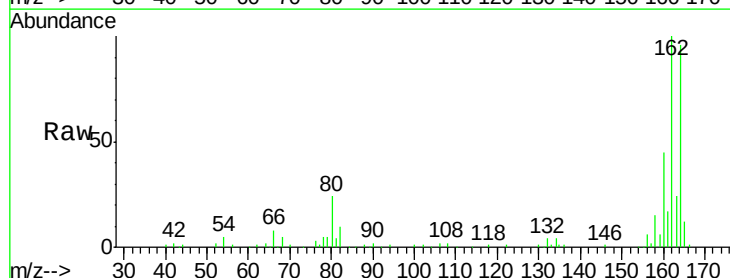
Tgt Ion: 164 Resp: 85114

Ion Ratio Lower Upper

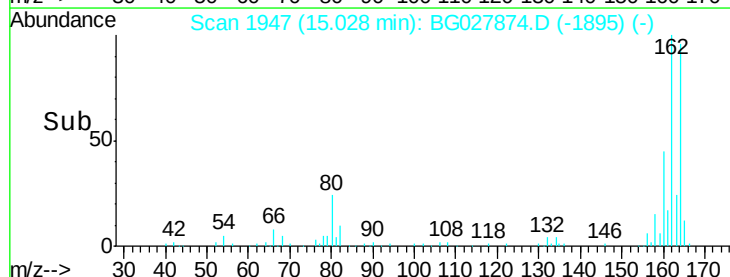
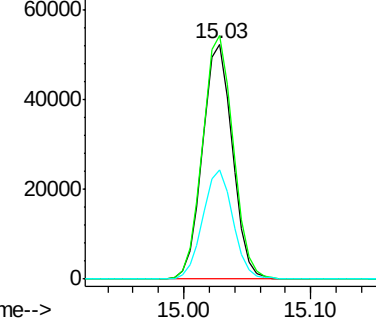
164 100

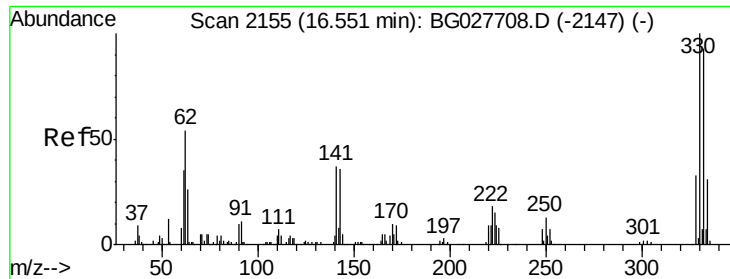
162 103.8 85.1 127.7

160 46.6 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

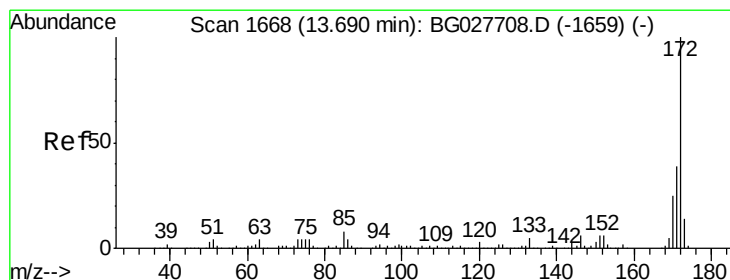
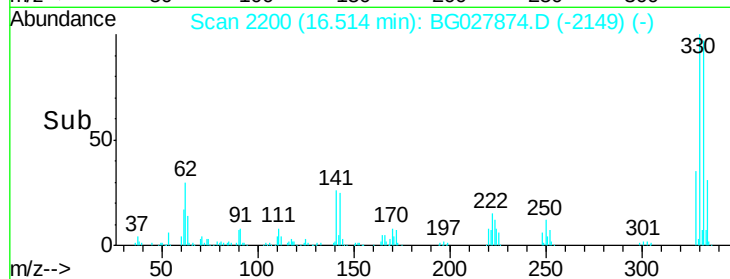
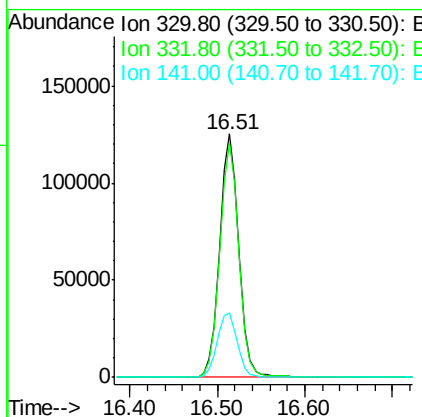
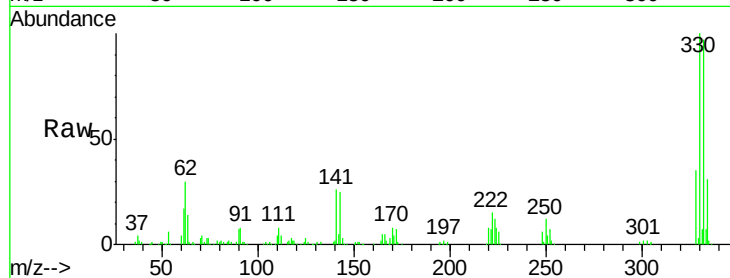




#41
 2,4,6-Tribromophenol
 Concen: 162.828 ng
 RT: 16.51 min Scan# 2200
 Delta R.T. -0.00 min
 Lab File: BG027874.D
 Acq: 7 Jul 2017 18:39

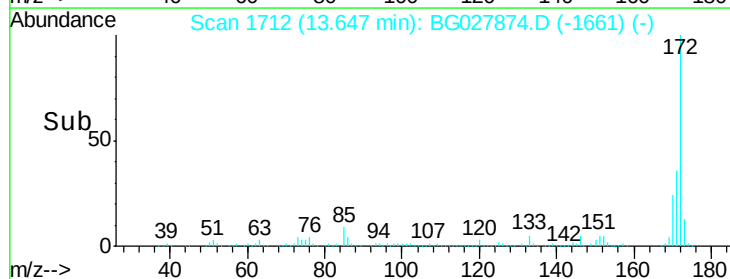
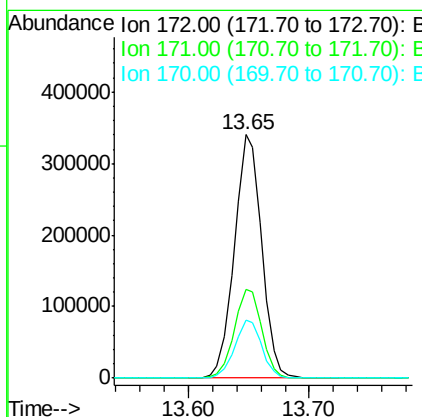
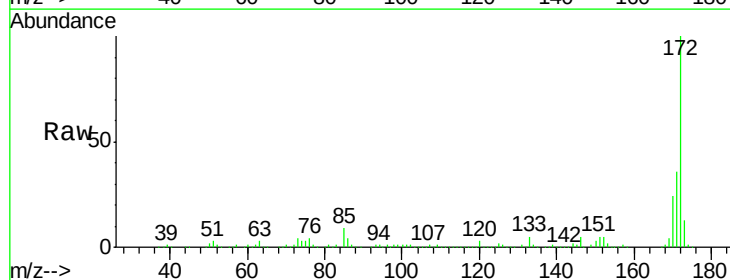
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-070517

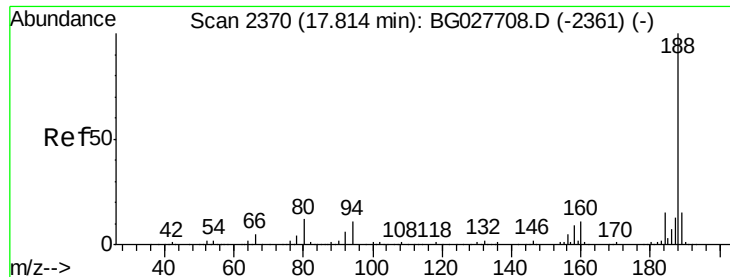
Tgt Ion:330 Resp: 190090
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.3 115.9
 141 28.0 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 89.944 ng
 RT: 13.65 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG027874.D
 Acq: 7 Jul 2017 18:39

Tgt Ion:172 Resp: 536033
 Ion Ratio Lower Upper
 172 100
 171 36.3 32.2 48.2
 170 23.6 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.78 min Scan# 2415

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Instrument :

BNA_G

ClientSampleId :

SU-02-070517

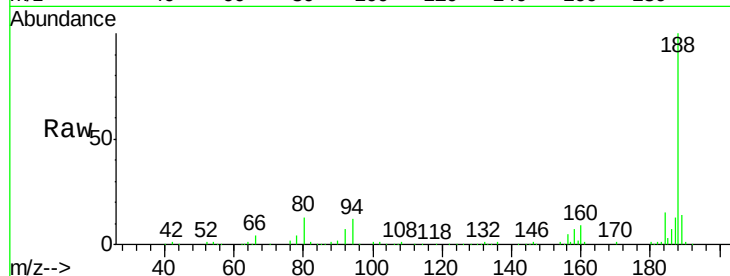
Tgt Ion:188 Resp: 220464

Ion Ratio Lower Upper

188 100

94 12.0 5.8 8.8#

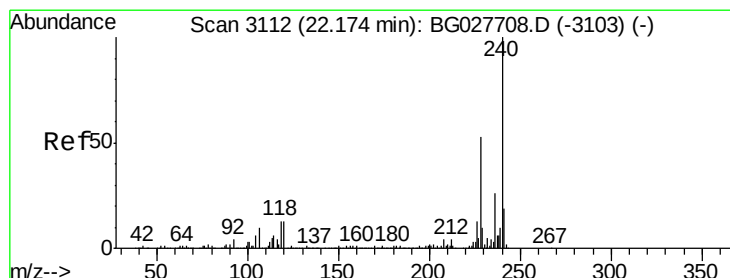
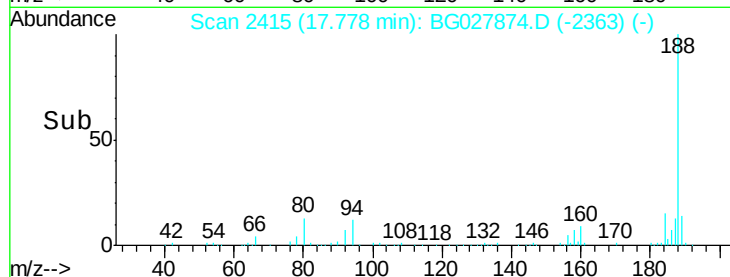
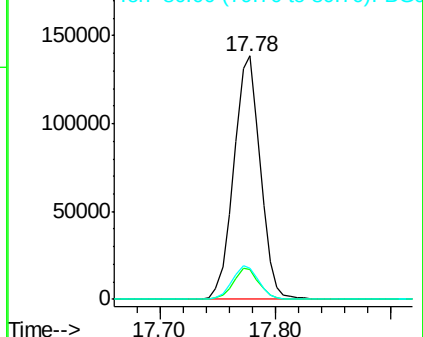
80 12.6 7.5 11.3#



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: 20.000 ng

RT: 22.13 min Scan# 3155

Delta R.T. -0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

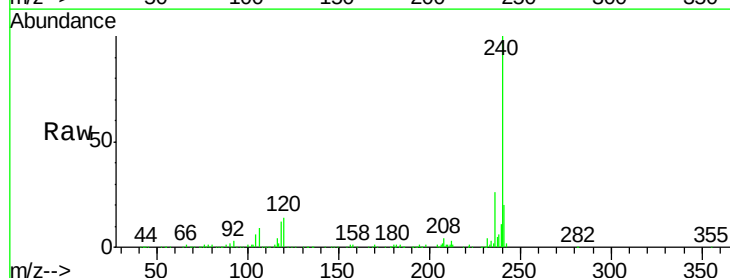
Tgt Ion:240 Resp: 264935

Ion Ratio Lower Upper

240 100

120 13.9 5.7 8.5#

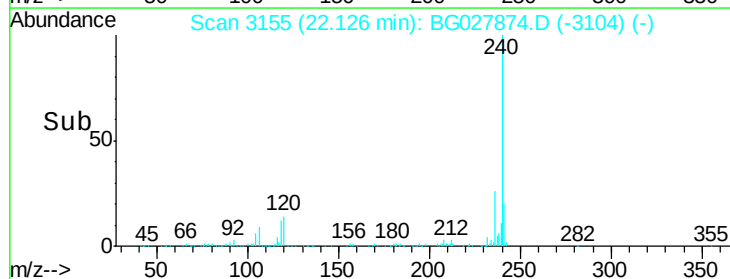
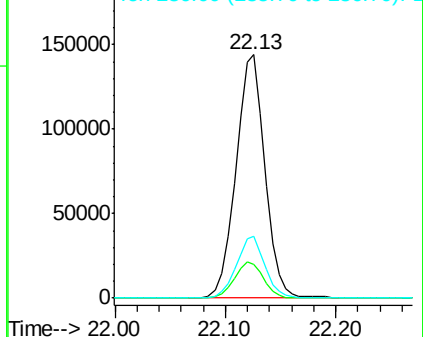
236 25.6 22.2 33.4

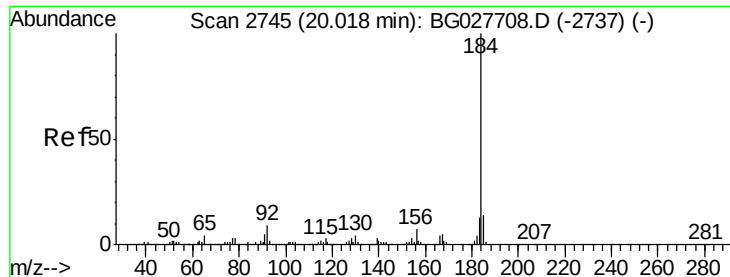


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 13.242 ng

RT: 19.99 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

Instrument :

BNA_G

ClientSampleId :

SU-02-070517

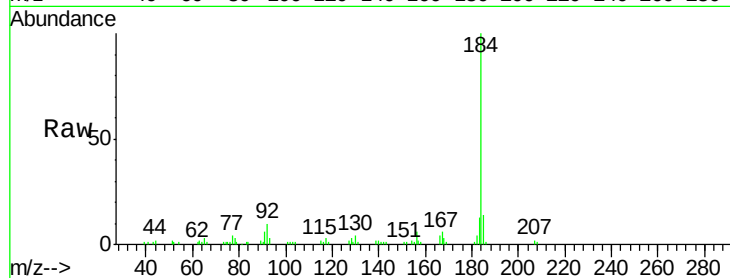
Tgt Ion:184 Resp: 67764

Ion Ratio Lower Upper

184 100

185 13.5 13.0 19.6

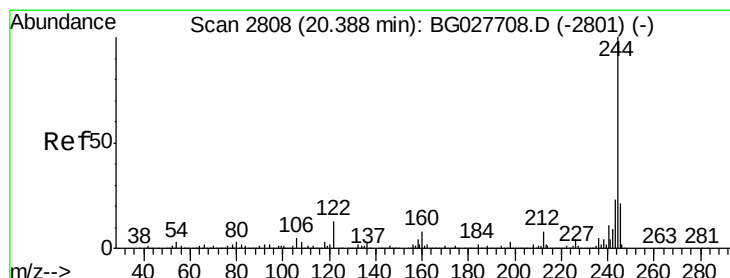
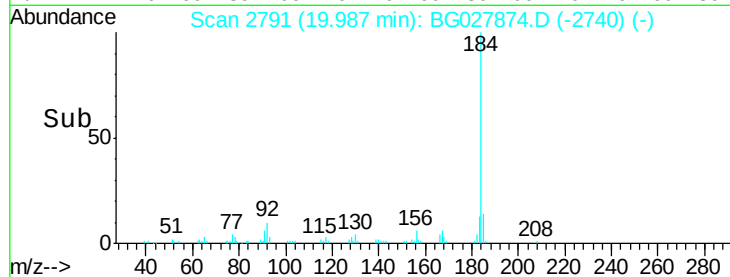
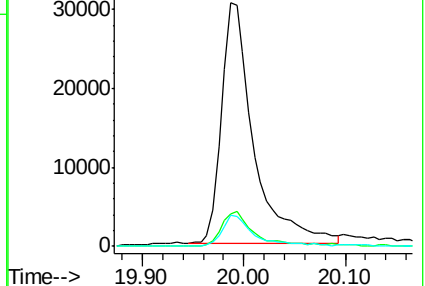
183 12.8 11.0 16.6



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: 97.461 ng

RT: 20.36 min Scan# 2854

Delta R.T. 0.00 min

Lab File: BG027874.D

Acq: 7 Jul 2017 18:39

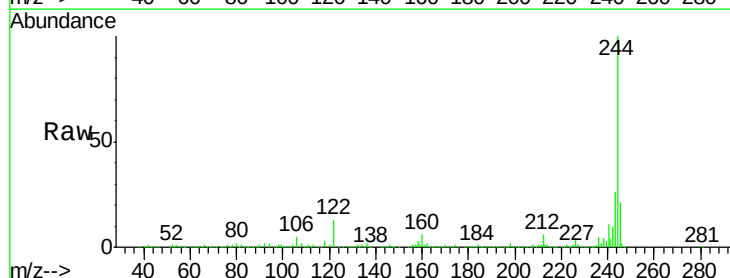
Tgt Ion:244 Resp: 1101402

Ion Ratio Lower Upper

244 100

212 6.2 10.0 15.0#

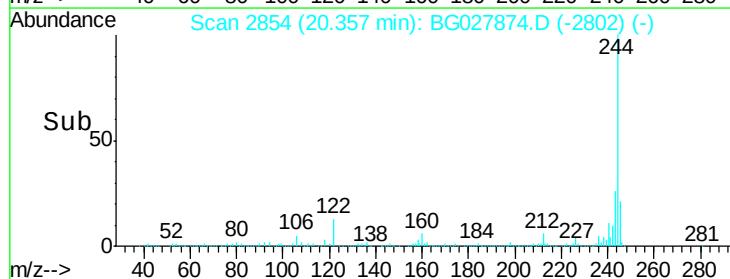
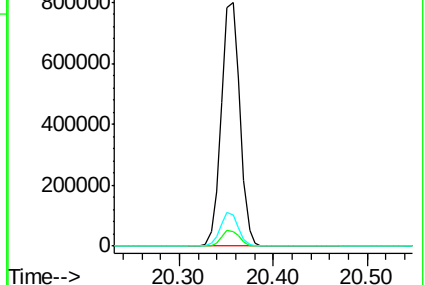
122 12.9 8.6 12.8#

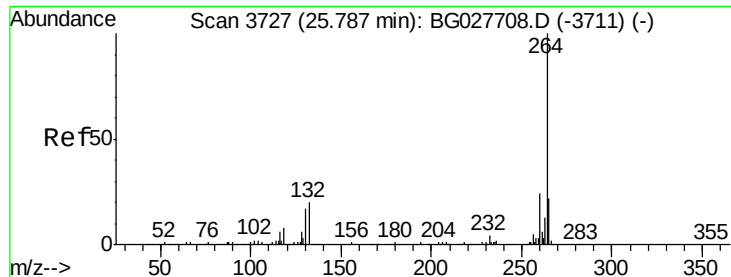


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.69 min Scan# 3762
Delta R.T. -0.01 min
Lab File: BG027874.D
Acq: 7 Jul 2017 18:39

Instrument :
BNA_G
ClientSampleId :
SU-02-070517

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	21.8	32.8
265	21.5	18.2	27.4

