

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070517\
 Data File : BG027852.D
 Acq On : 5 Jul 2017 17:51
 Operator : SJ/JU
 Sample : I4035-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50

Quant Time: Jul 06 07:10:02 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	8.45	152	30164	20.00	ng	-0.02
21) Naphthalene-d8	11.27	136	126230	20.00	ng	-0.02
38) Acenaphthene-d10	15.04	164	11296	20.00	ng	-0.02
63) Phenanthrene-d10	17.79	188	55906	20.00	ng	-0.02
75) Chrysene-d12	0.00	240	0m	20.00	ng	-22.17
86) Perylene-d12	0.00	264	0	0.00	ng	-25.79
System Monitoring Compounds						
5) 2-Fluorophenol	6.03	112	230645	117.75	ng	-0.02
7) Phenol-d6	7.60	99	73896	24.69	ng	-0.02
23) Nitrobenzene-d5	9.62	82	239616	105.81	ng	-0.02
41) 2,4,6-Tribromophenol	16.53	330	201985	1303.66	ng	-0.02
44) 2-Fluorobiphenyl	13.66	172	577120	729.66	ng	-0.02
78) Terphenyl-d14	20.36	244	6829	0.00	ng	-0.02

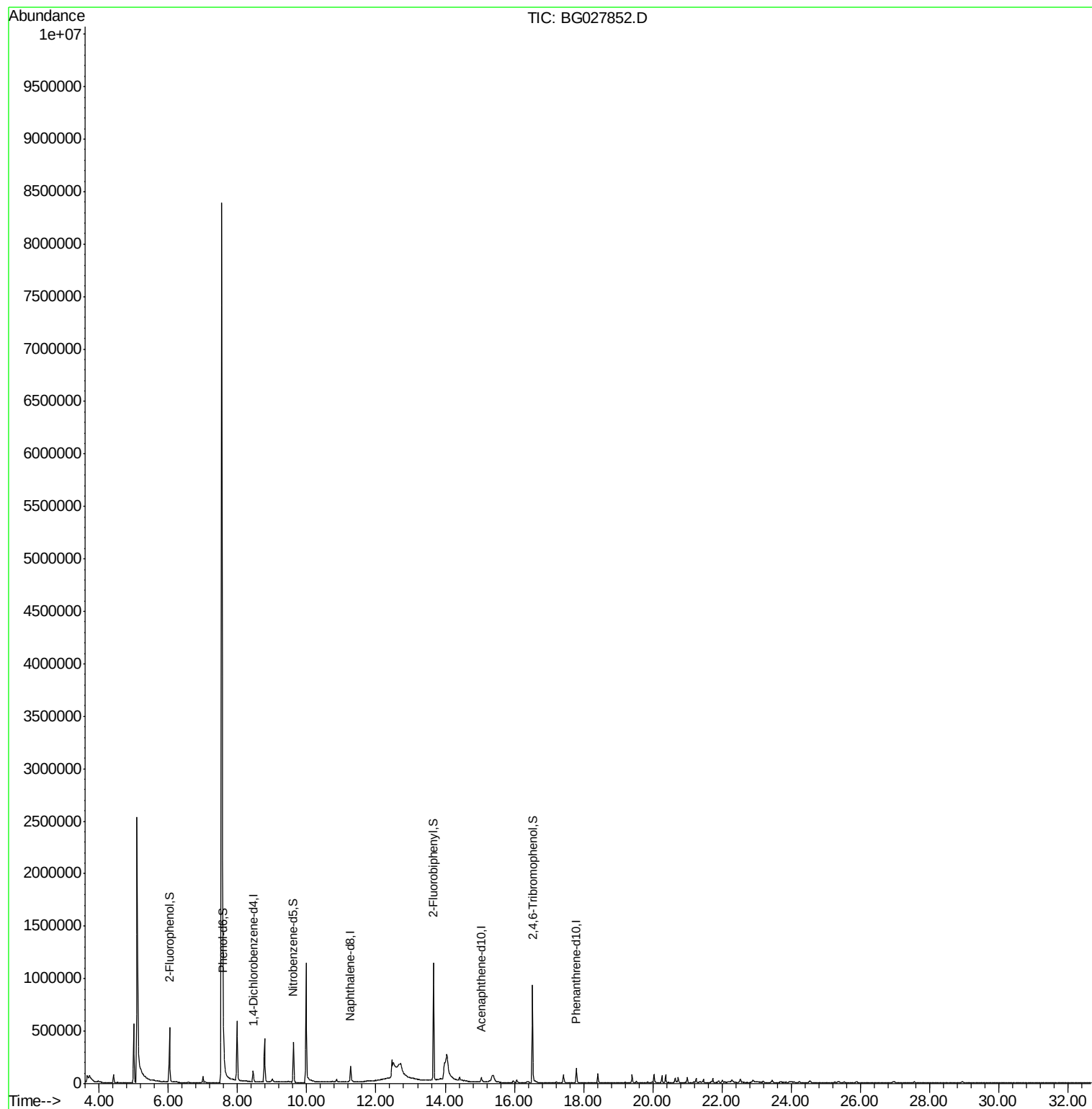
Target Compounds	Qvalue
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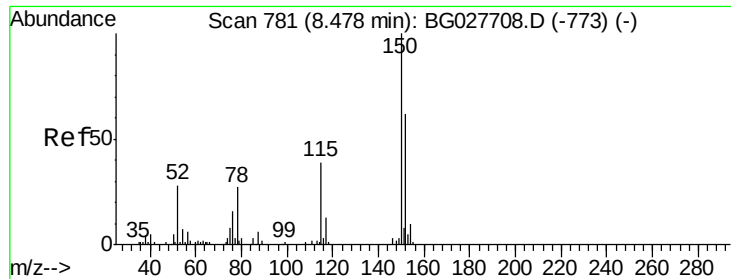
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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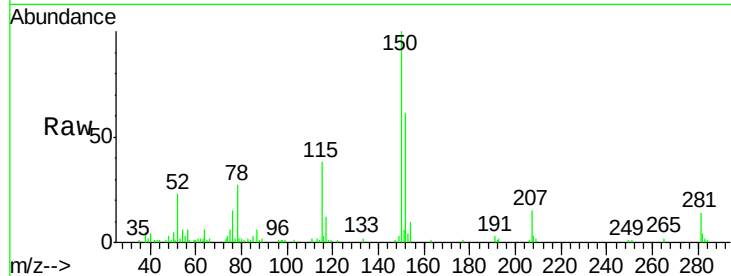


#1

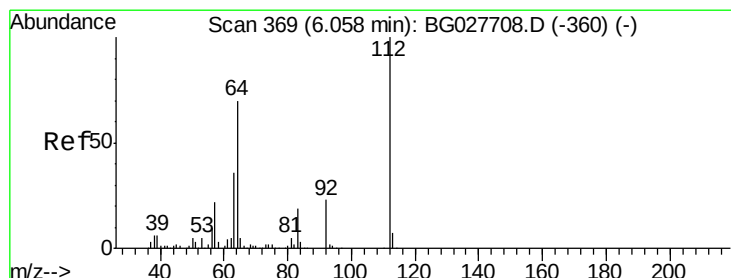
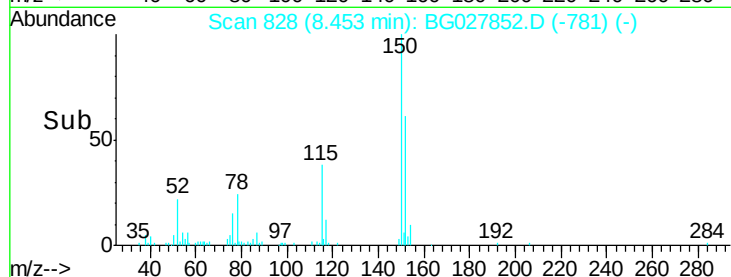
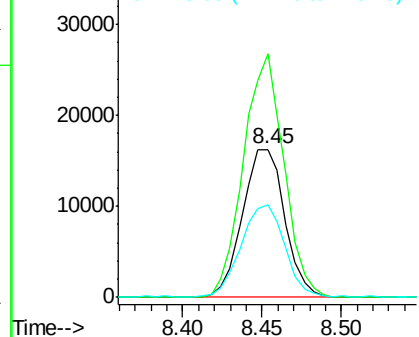
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.45 min Scan# 828
Delta R.T. -0.02 min
Lab File: BG027852.D
Acq: 5 Jul 2017 17:51

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50

Tgt Ion:152 Resp: 30164
Ion Ratio Lower Upper
152 100
150 164.6 114.0 171.0
115 62.8 48.1 72.1



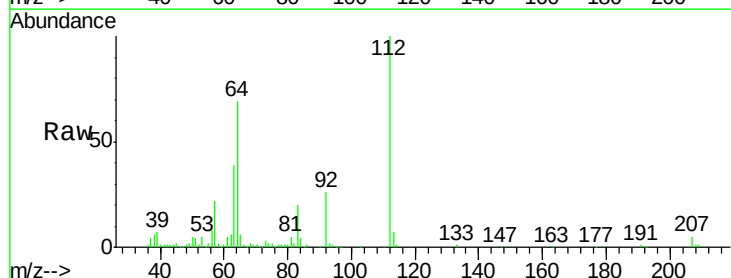
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



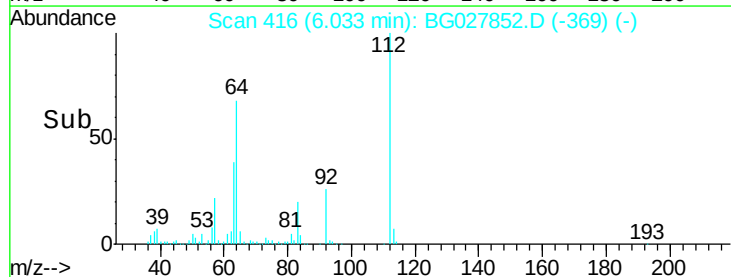
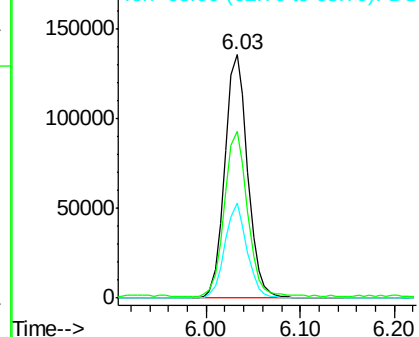
#5

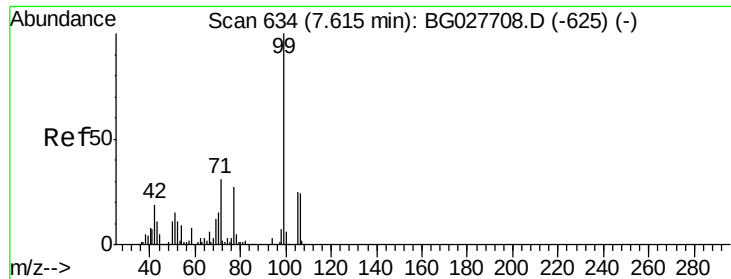
2-Fluorophenol
Concen: 117.747 ng
RT: 6.03 min Scan# 416
Delta R.T. -0.02 min
Lab File: BG027852.D
Acq: 5 Jul 2017 17:51

Tgt Ion:112 Resp: 230645
Ion Ratio Lower Upper
112 100
64 68.5 61.8 92.6
63 38.8 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: 24.694 ng

RT: 7.60 min Scan# 682

Delta R.T. -0.02 min

Lab File: BG027852.D

Acq: 5 Jul 2017 17:51

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50

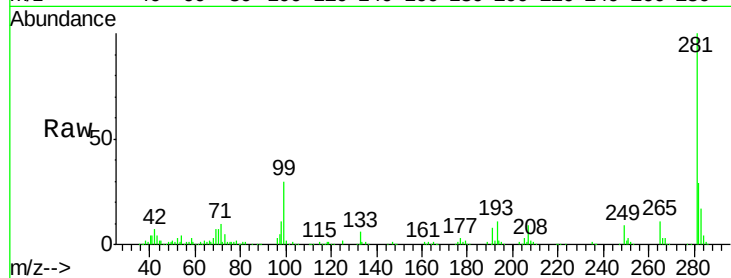
Tgt Ion: 99 Resp: 73896

Ion Ratio Lower Upper

99 100

42 23.8 20.5 30.7

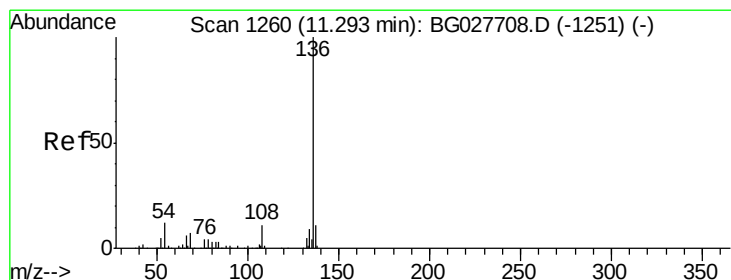
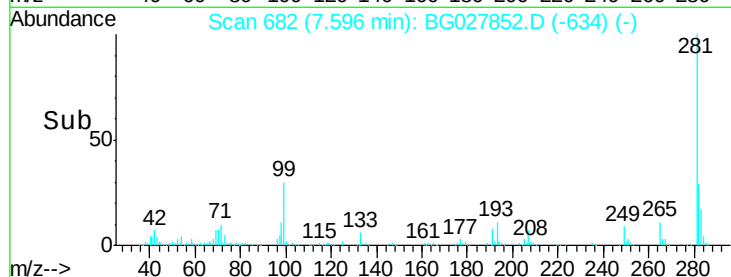
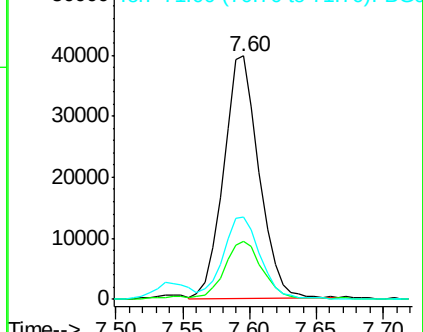
71 34.0 37.6 56.4#



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: 11.27 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BG027852.D

Acq: 5 Jul 2017 17:51

Tgt Ion: 136 Resp: 126230

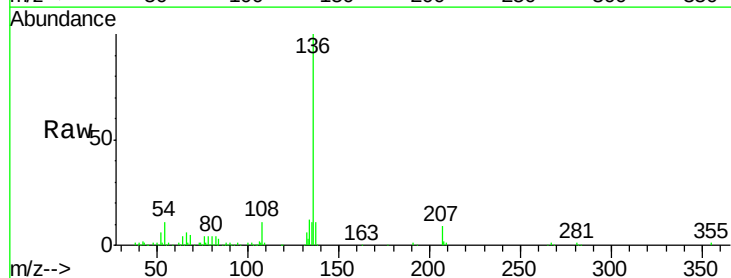
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 11.4 9.3 13.9

68 4.7 5.1 7.7#

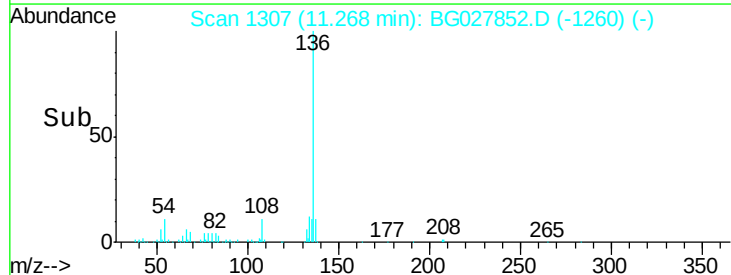
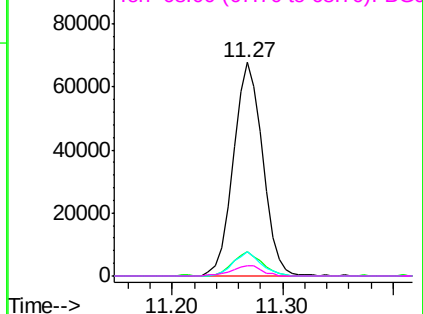


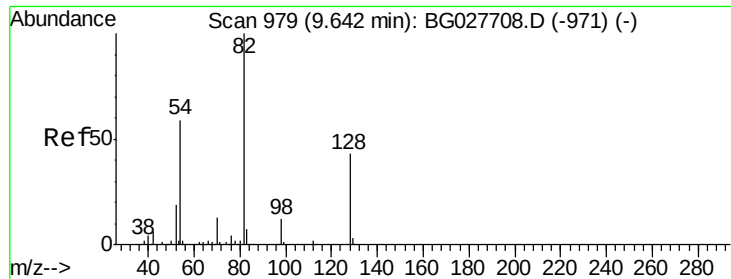
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

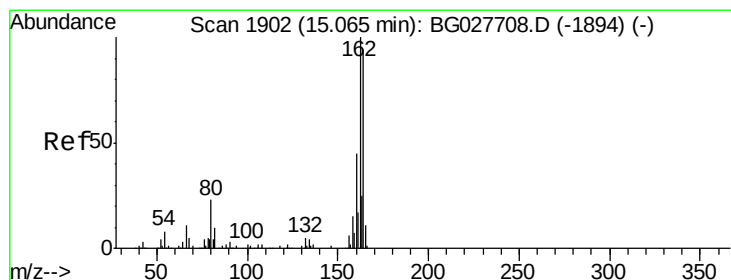
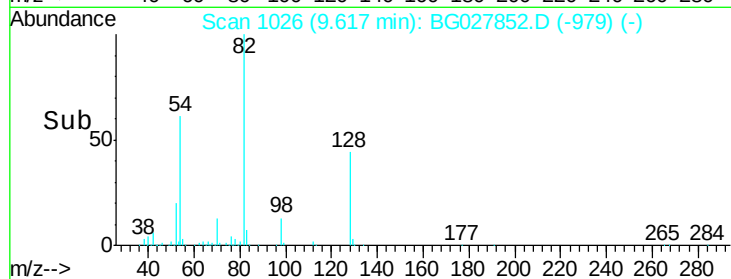
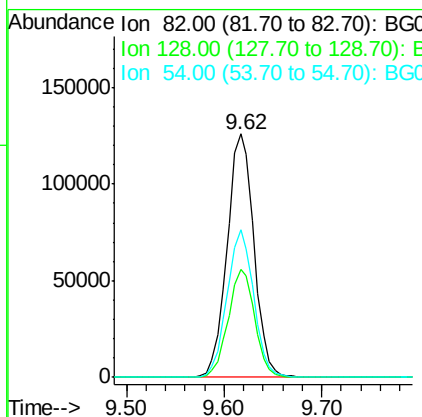
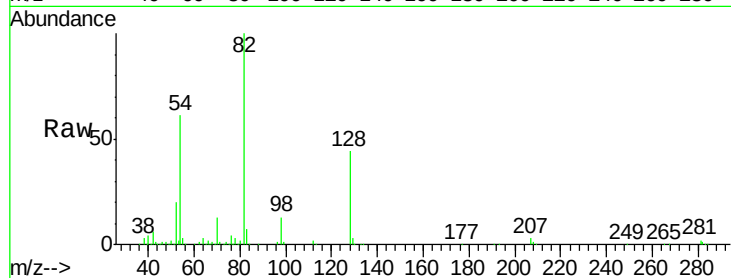




#23
Nitrobenzene-d5
Concen: 105.810 ng
RT: 9.62 min Scan# 1026
Delta R.T. -0.02 min
Lab File: BG027852.D
Acq: 5 Jul 2017 17:51

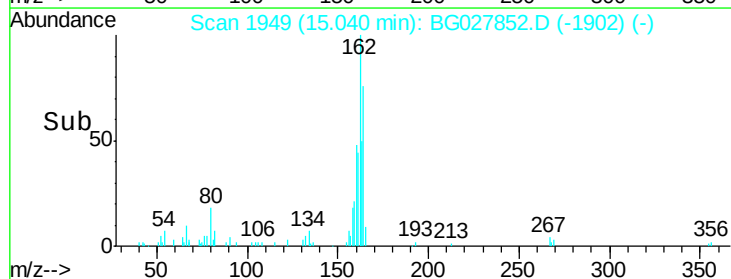
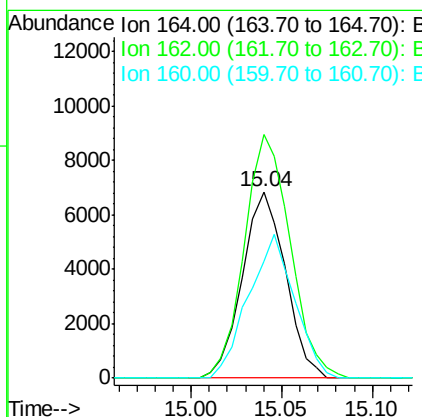
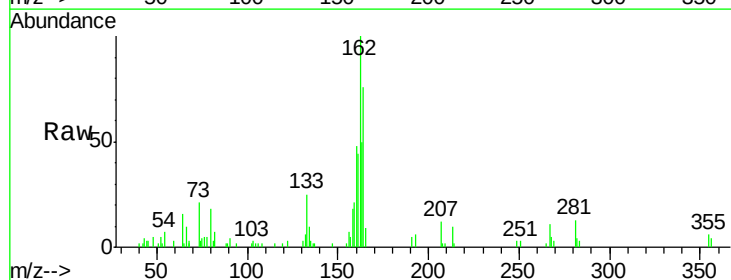
Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50

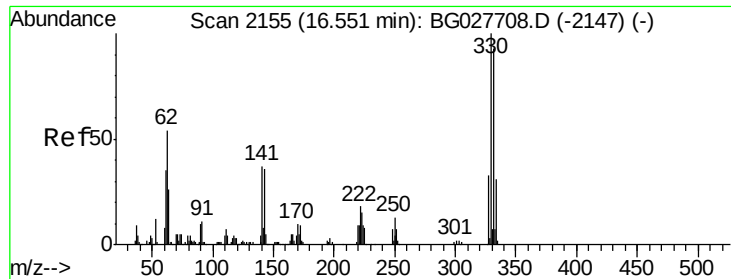
Tgt Ion: 82 Resp: 239616
Ion Ratio Lower Upper
82 100
128 44.1 26.4 39.6#
54 60.9 49.4 74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.04 min Scan# 1949
Delta R.T. -0.02 min
Lab File: BG027852.D
Acq: 5 Jul 2017 17:51

Tgt Ion: 164 Resp: 11296
Ion Ratio Lower Upper
164 100
162 130.8 85.1 127.7#
160 63.0 34.7 52.1#

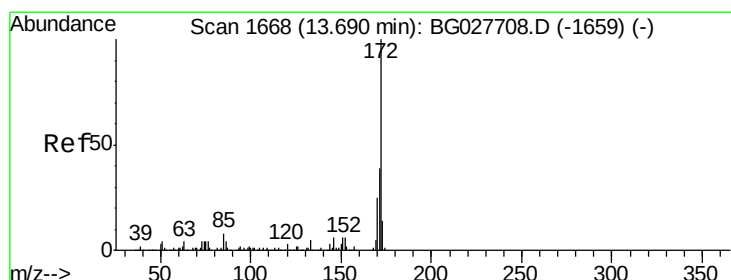
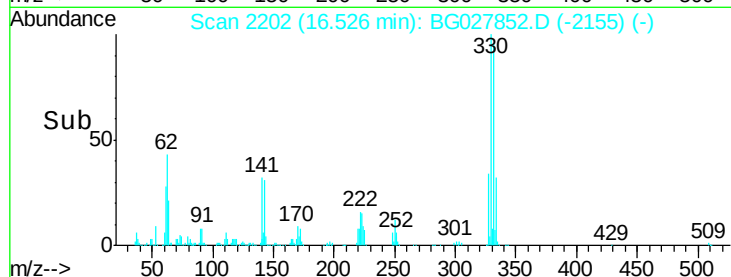
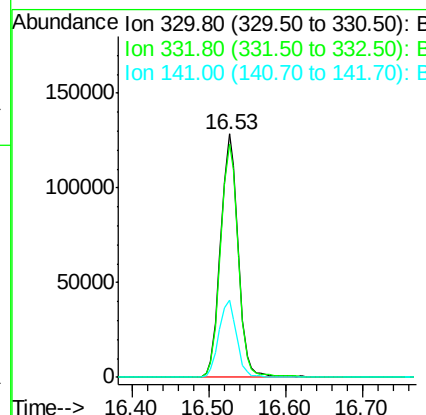
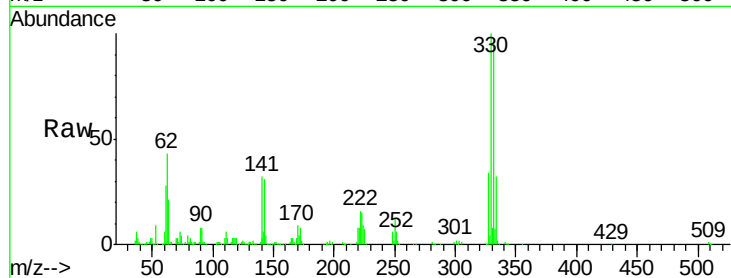




#41
 2,4,6-Tribromophenol
 Concen: 1303.660 ng
 RT: 16.53 min Scan# 2202
 Delta R.T. -0.02 min
 Lab File: BG027852.D
 Acq: 5 Jul 2017 17:51

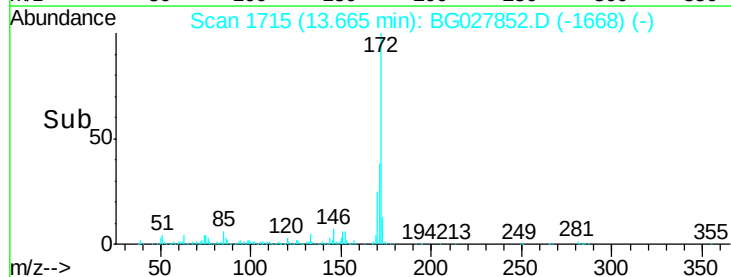
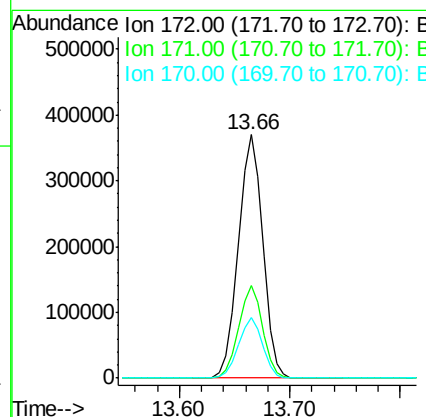
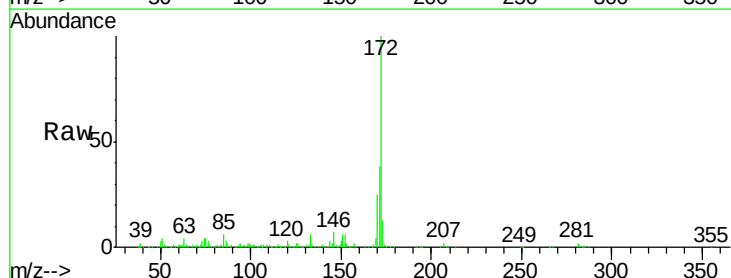
Instrument :
 BNA_G
 ClientSampleId :
 CIY-SB-WC-S-2-10-50

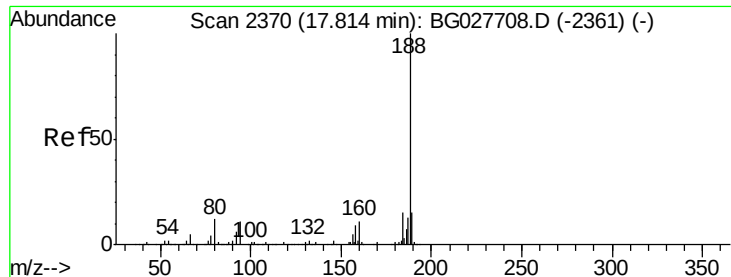
Tgt Ion:330 Resp: 201985
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.3 115.9
 141 31.8 32.1 48.1#



#44
 2-Fluorobiphenyl
 Concen: 729.661 ng
 RT: 13.66 min Scan# 1715
 Delta R.T. -0.02 min
 Lab File: BG027852.D
 Acq: 5 Jul 2017 17:51

Tgt Ion:172 Resp: 577120
 Ion Ratio Lower Upper
 172 100
 171 37.8 32.2 48.2
 170 24.9 21.8 32.6

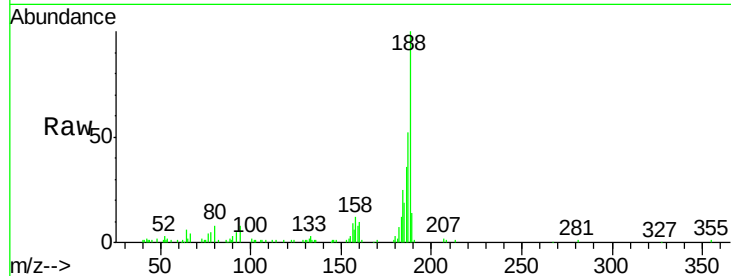




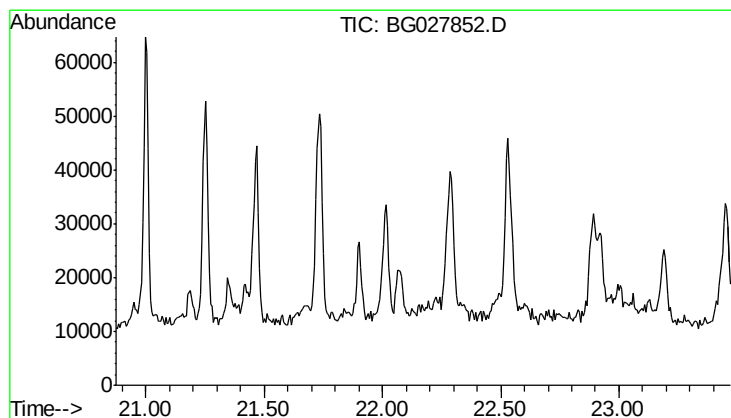
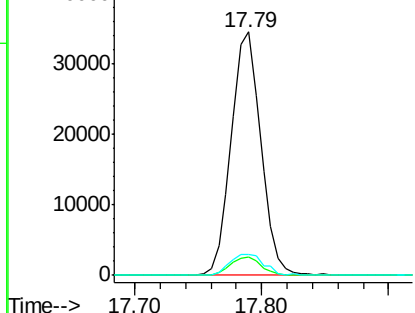
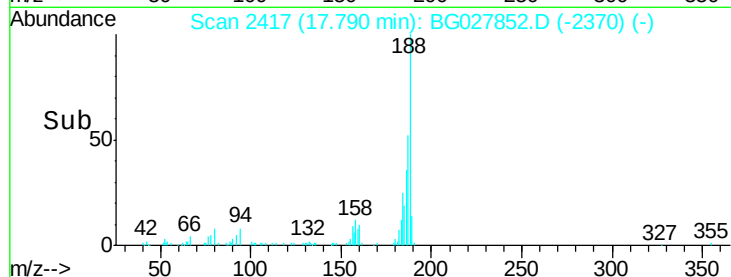
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.79 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG027852.D
Acq: 5 Jul 2017 17:51

Instrument :
BNA_G
ClientSampleId :
CIY-SB-WC-S-2-10-50

Tgt Ion: 188 Resp: 55906
Ion Ratio Lower Upper
188 100
94 7.8 5.8 8.8
80 8.4 7.5 11.3



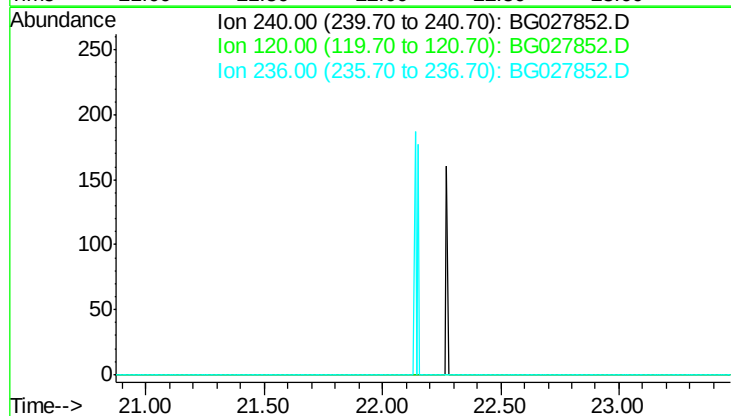
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG0
Ion 80.00 (79.70 to 80.70): BG0

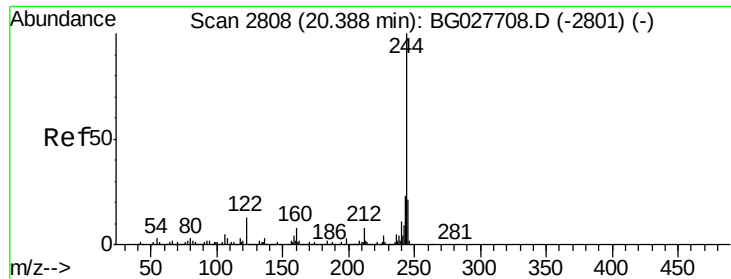


#75
Chrysene-d12
Concen: 0.000 ng
Expected RT: 22.17 min

Lab File: BG027852.D
Acq: 5 Jul 2017 17:51

Tgt Ion: 240
Sig Exp Ratio
240 100
120 7.1
236 27.8





#78

Terphenyl-d14

Concen: 0.000 ng

RT: 20.36 min Scan# 2855

Delta R.T. -0.02 min

Lab File: BG027852.D

Acq: 5 Jul 2017 17:51

Instrument :

BNA_G

ClientSampleId :

CIY-SB-WC-S-2-10-50

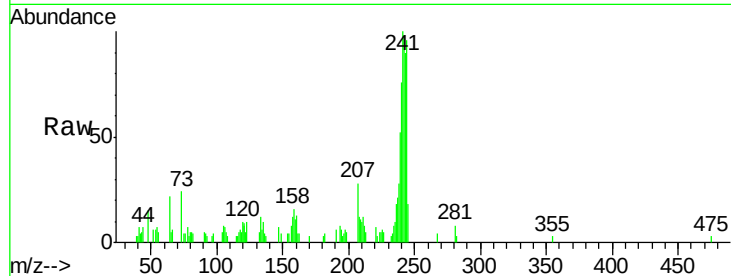
Tgt Ion: 244 Resp: 6829

Ion Ratio Lower Upper

244 100

212 8.0 10.0 15.0#

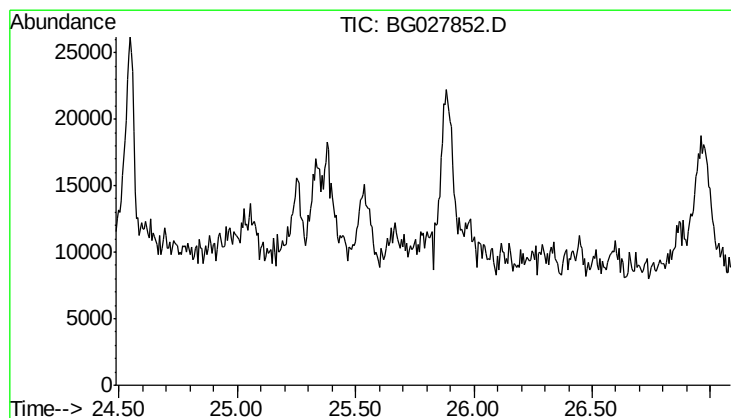
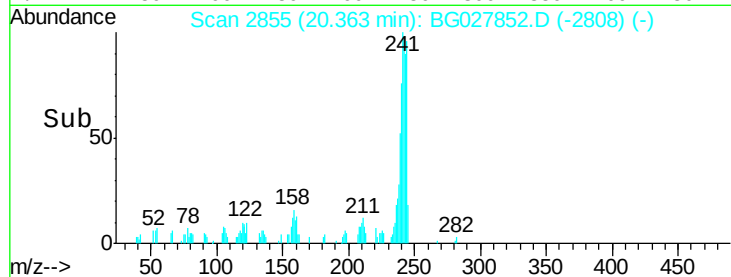
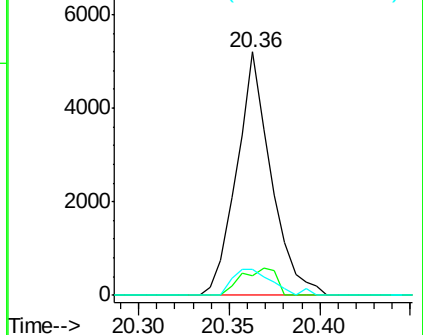
122 10.6 8.6 12.8



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: 0.000 ng

Expected RT: 25.79 min

Lab File: BG027852.D

Acq: 5 Jul 2017 17:51

Tgt Ion: 264

Sig Exp Ratio

264 100

260 27.3

265 22.8

