

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052769.D
 Acq On : 21 Mar 2022 15:52
 Operator : CG/JU
 Sample : N1708-18DL 20X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B10-25.5-26.0

Quant Time: Mar 21 16:27:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 15 15:56:10 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

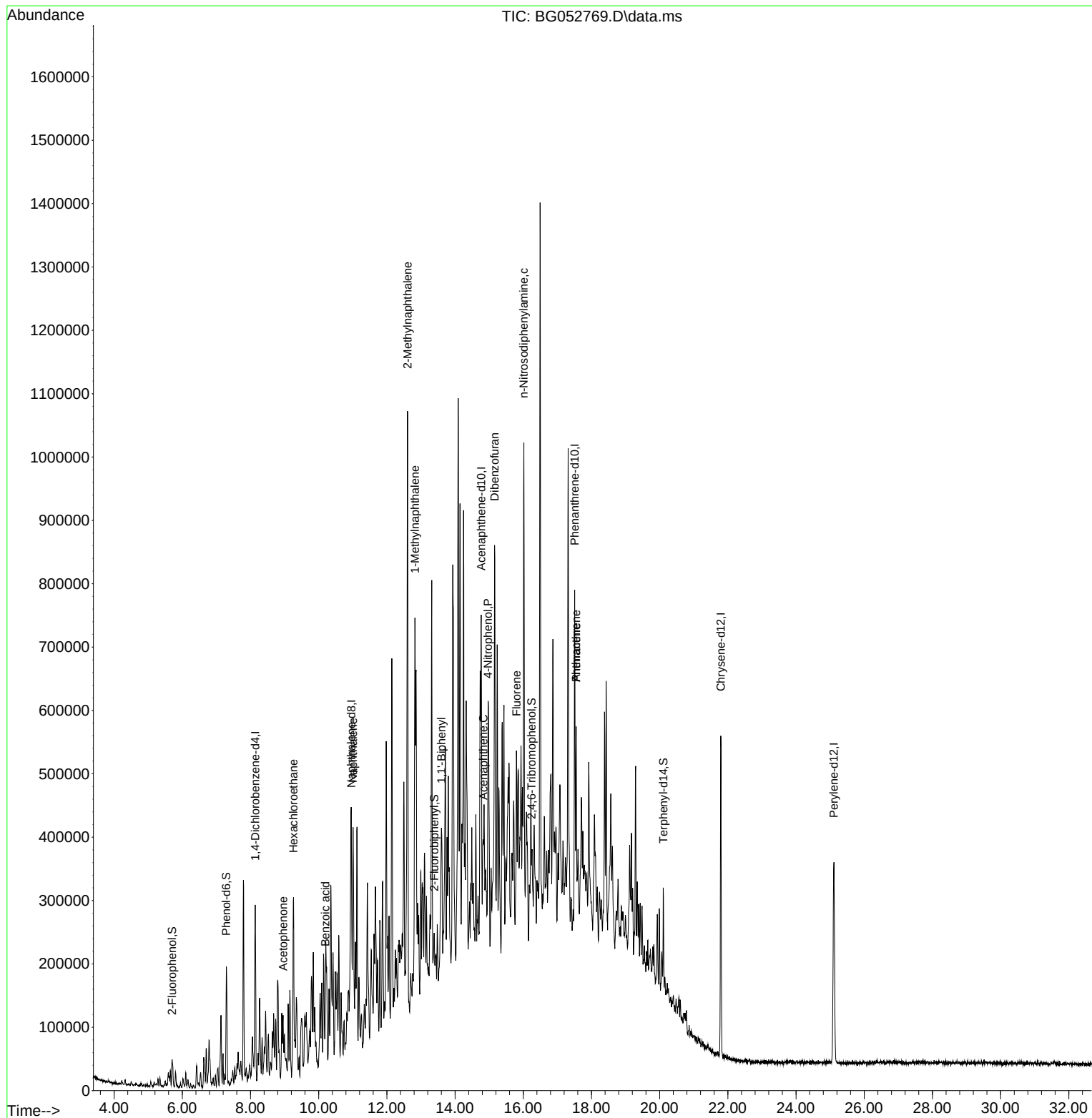
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.140	152	53941	20.000	ng	-0.02
21) Naphthalene-d8	10.960	136	204647	20.000	ng	#-0.01
39) Acenaphthene-d10	14.766	164	134852	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	289775	20.000	ng	0.00
76) Chrysene-d12	21.792	240	329364	20.000	ng	-0.02
86) Perylene-d12	25.111	264	361388	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	16121	5.205	ng	0.00
7) Phenol-d6	7.288	99	24599	5.268	ng	0.00
23) Nitrobenzene-d5	9.615	82	1102	0.270	ng	0.30
42) 2,4,6-Tribromophenol	16.241	330	5801	3.201	ng	-0.02
45) 2-Fluorobiphenyl	13.392	172	36741	4.018	ng	-0.01
79) Terphenyl-d14	20.106	244	63512	3.430	ng	-0.02
Target Compounds						Qvalue
18) Hexachloroethane	9.262	117	26587	18.405	ng	# 1
22) Acetophenone	8.957	105	58845	11.111	ng	# 60
31) Naphthalene	11.007	128	187443	17.712	ng	97
32) Benzoic acid	10.196	122	1155	6.146	ng	# 1
37) 2-Methylnaphthalene	12.611	142	452882	58.436	ng	96
38) 1-Methylnaphthalene	12.822	142	263464	34.832	ng	# 95
46) 1,1'-Biphenyl	13.603	154	76507	8.113	ng	98
52) Acenaphthene	14.831	154	18557	2.447	ng	# 71
55) Dibenzofuran	15.160	168	29731	2.400	ng	# 1
56) 4-Nitrophenol	14.966	139	19962	12.359	ng	# 33
58) Fluorene	15.806	166	61697	6.111	ng	# 90
66) n-Nitrosodiphenylamine	16.018	169	61024	7.480	ng	# 54
71) Phenanthrene	17.551	178	173998	11.224	ng	96
72) Anthracene	17.551	178	173998	11.354	ng	97

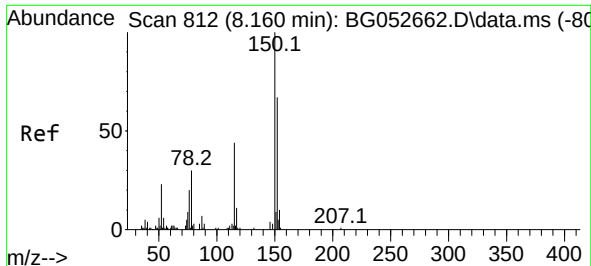
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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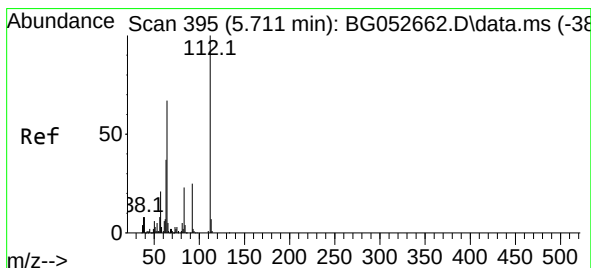
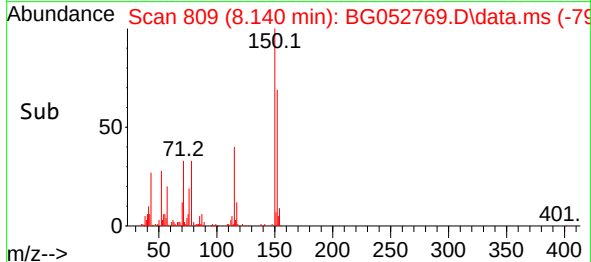
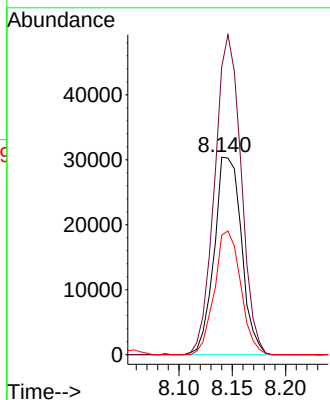
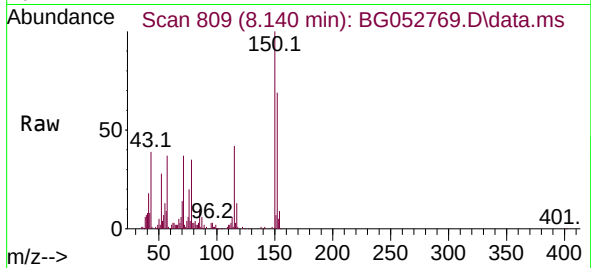




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.140 min Scan# 80
Delta R.T. -0.020 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

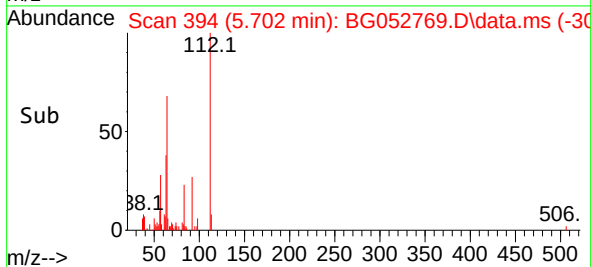
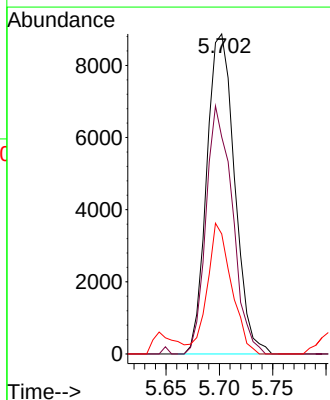
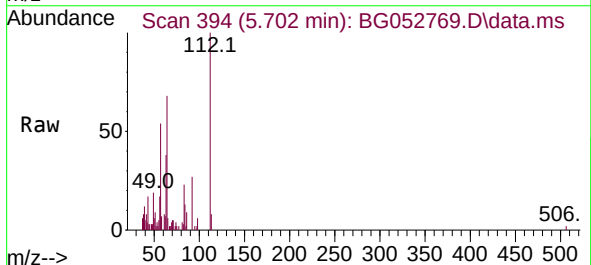
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

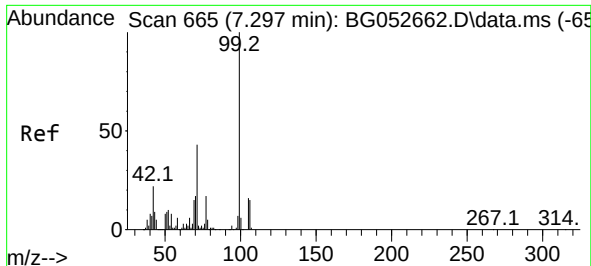
Tgt Ion:152 Resp: 53941
Ion Ratio Lower Upper
152 100
150 145.8 114.6 172.0
115 60.6 45.9 68.9



#5
2-Fluorophenol
Concen: 5.205 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:112 Resp: 16121
Ion Ratio Lower Upper
112 100
64 67.8 48.0 72.0
63 37.5 26.5 39.7

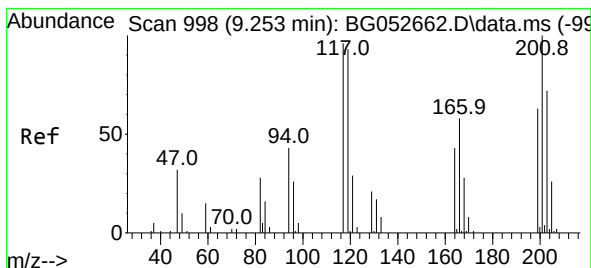
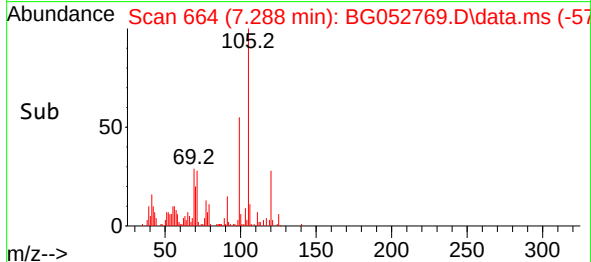
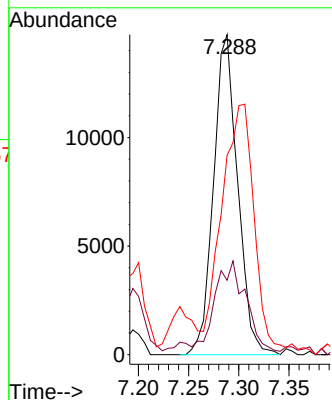
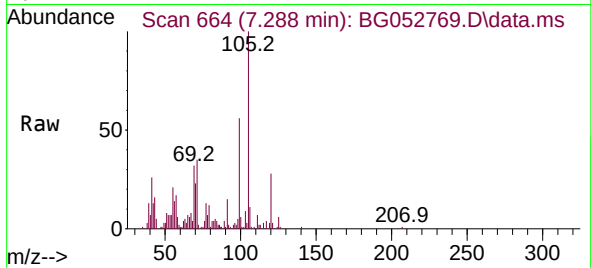




#7
Phenol-d6
Concen: 5.268 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

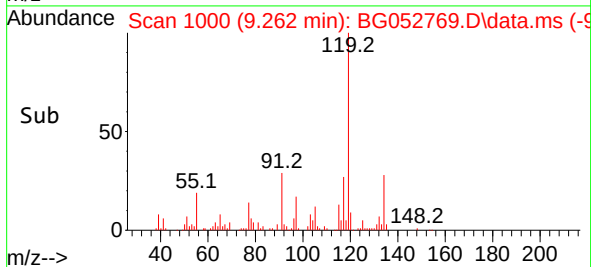
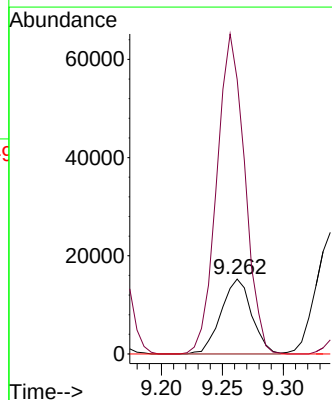
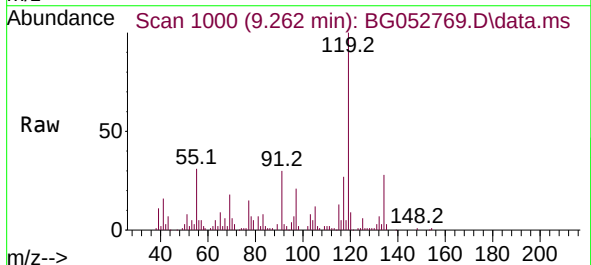
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

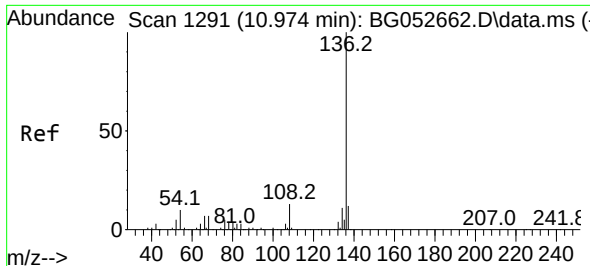
Tgt Ion: 99 Resp: 24599
Ion Ratio Lower Upper
99 100
42 23.3 14.7 22.1#
71 62.3 29.2 43.8#



#18
Hexachloroethane
Concen: 18.405 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion: 117 Resp: 26587
Ion Ratio Lower Upper
117 100
119 366.8 75.1 112.7#
201 0.0 96.6 145.0#

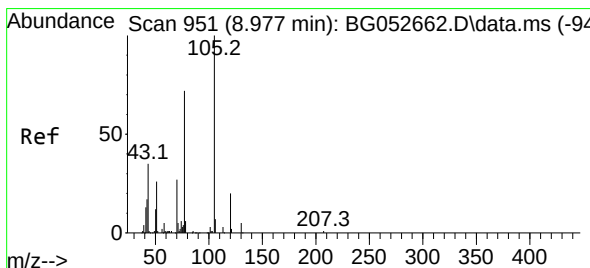
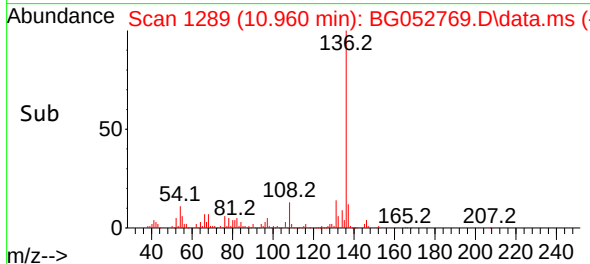
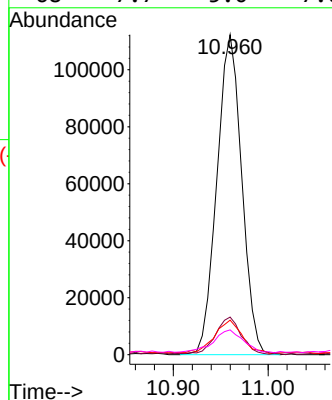
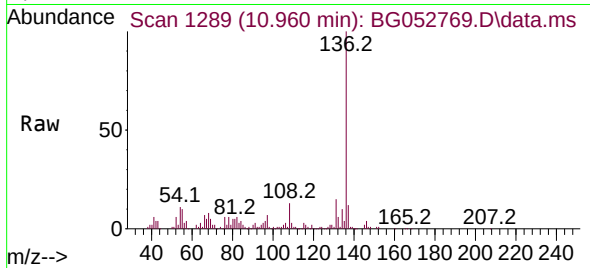




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

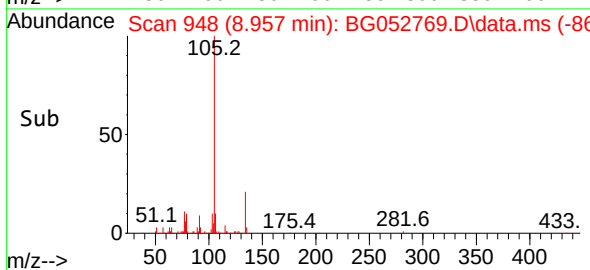
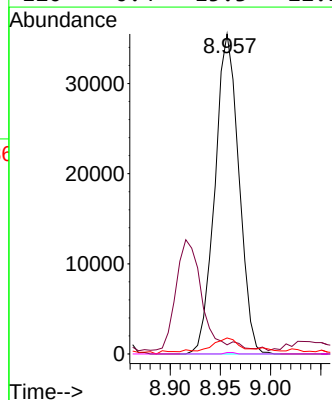
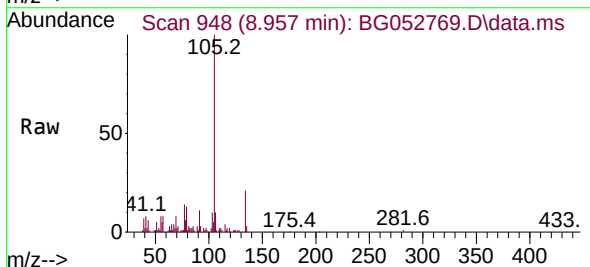
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

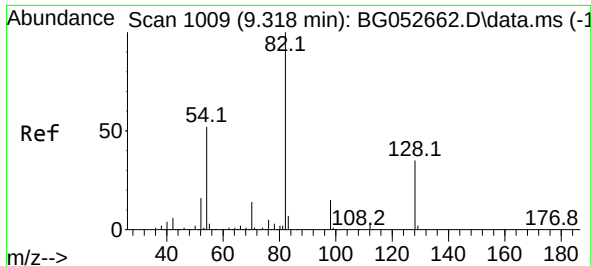
Tgt Ion:136 Resp: 204647
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 10.8 6.4 9.6#
68 7.7 5.0 7.6#



#22
Acetophenone
Concen: 11.111 ng
RT: 8.957 min Scan# 948
Delta R.T. -0.020 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:105 Resp: 58845
Ion Ratio Lower Upper
105 100
71 2.8 2.1 3.1
51 5.0 21.9 32.9#
120 0.4 15.3 22.9#





#23

Nitrobenzene-d5

Concen: 0.270 ng

RT: 9.615 min Scan# 1060

Delta R.T. 0.297 min

Lab File: BG052769.D

Acq: 21 Mar 2022 15:52

Instrument :

BNA_G

ClientSampleId :

PPSP-B10-25.5-26.0

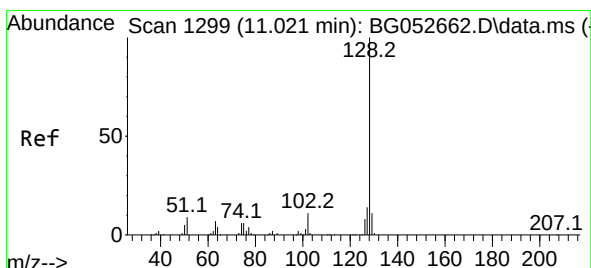
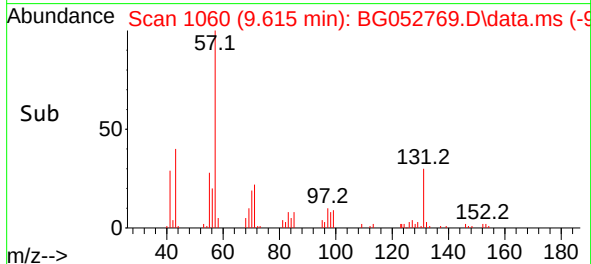
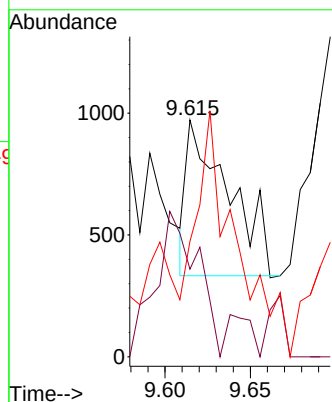
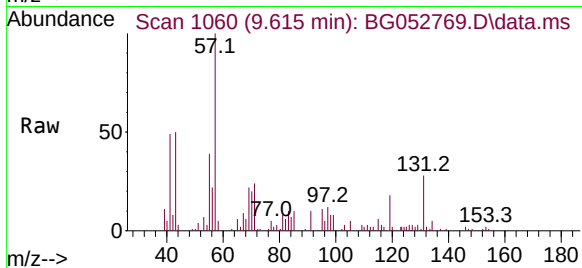
Tgt Ion: 82 Resp: 1102

Ion Ratio Lower Upper

82 100

128 37.0 31.3 46.9

54 48.8 37.8 56.8



#31

Naphthalene

Concen: 17.712 ng

RT: 11.007 min Scan# 1297

Delta R.T. -0.015 min

Lab File: BG052769.D

Acq: 21 Mar 2022 15:52

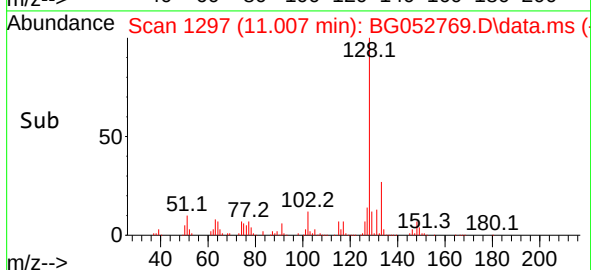
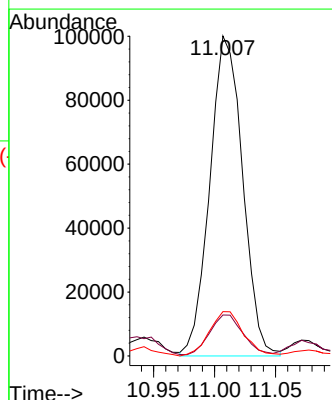
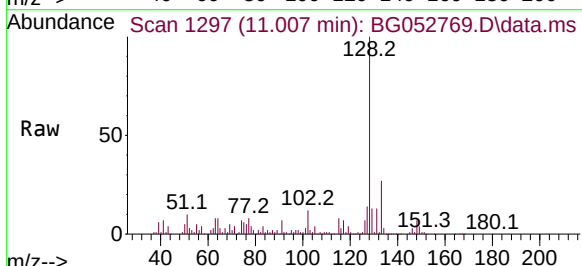
Tgt Ion: 128 Resp: 187443

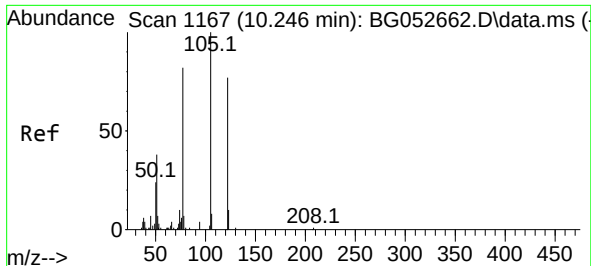
Ion Ratio Lower Upper

128 100

129 12.8 8.8 13.2

127 13.9 10.5 15.7

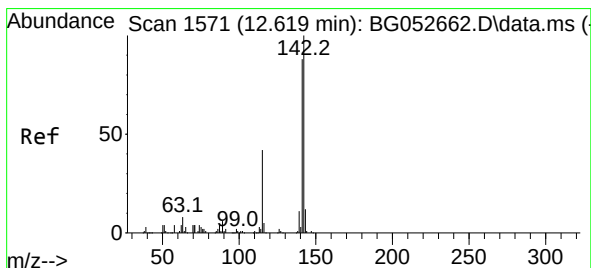
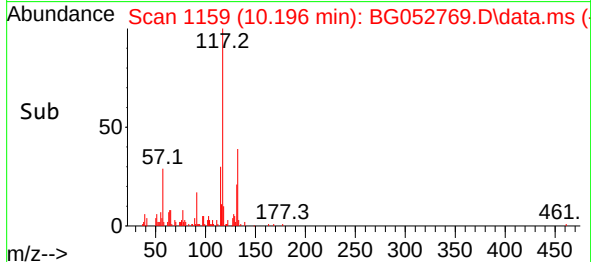
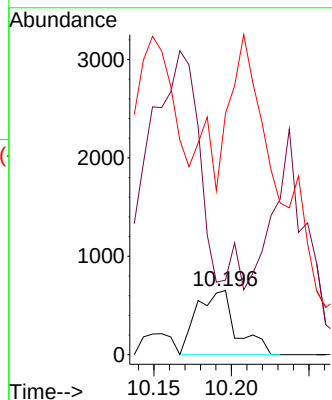
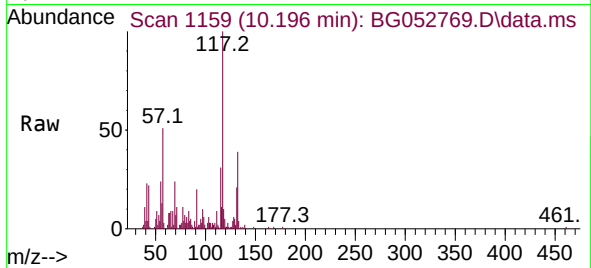




#32
Benzoic acid
Concen: 6.146 ng
RT: 10.196 min Scan# 1167
Delta R.T. -0.050 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

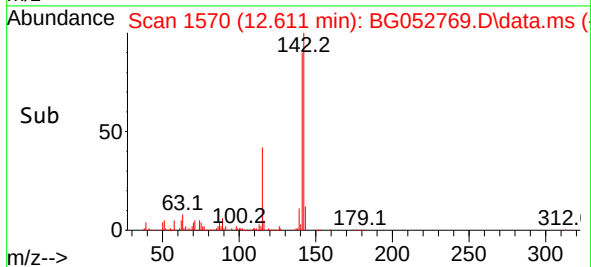
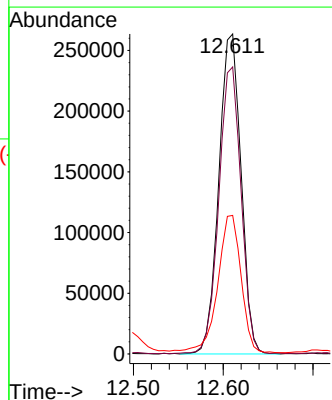
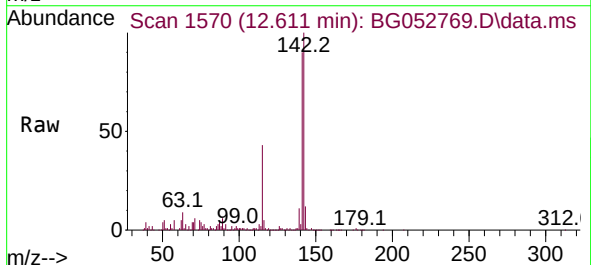
Instrument :
BNA_G
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PPSP-B10-25.5-26.0

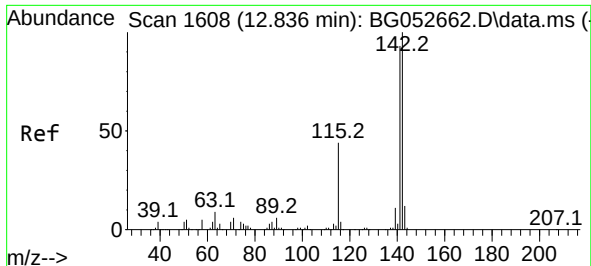
Tgt Ion:122 Resp: 1155
Ion Ratio Lower Upper
122 100
105 116.3 112.8 152.8
77 376.5 78.4 118.4#



#37
2-Methylnaphthalene
Concen: 58.436 ng
RT: 12.611 min Scan# 1570
Delta R.T. -0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:142 Resp: 452882
Ion Ratio Lower Upper
142 100
141 89.7 71.3 106.9
115 43.3 29.5 44.3

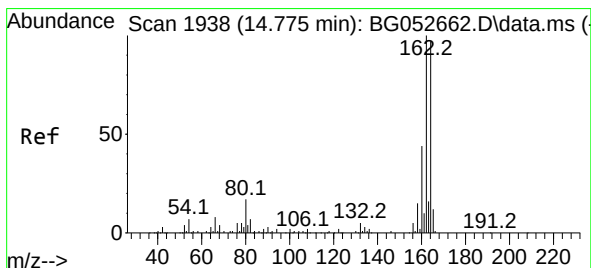
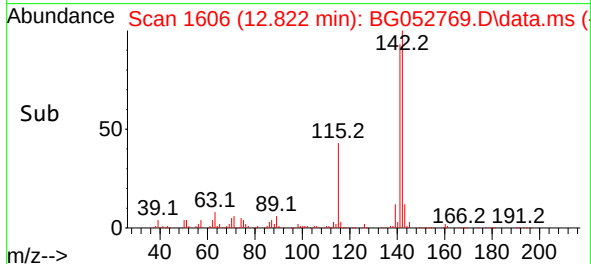
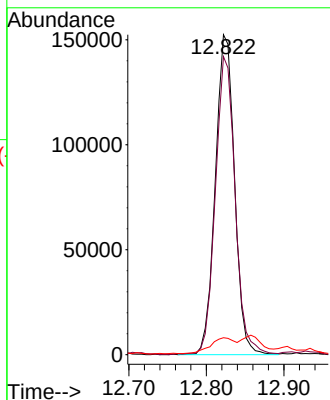
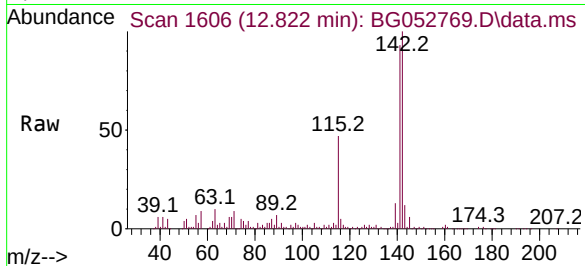




#38
1-Methylnaphthalene
Concen: 34.832 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

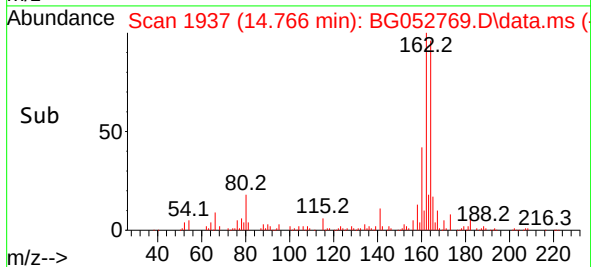
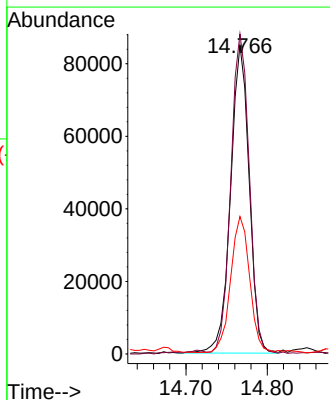
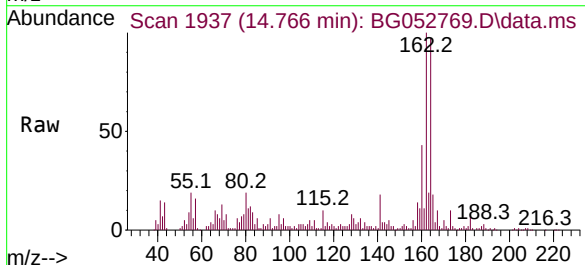
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

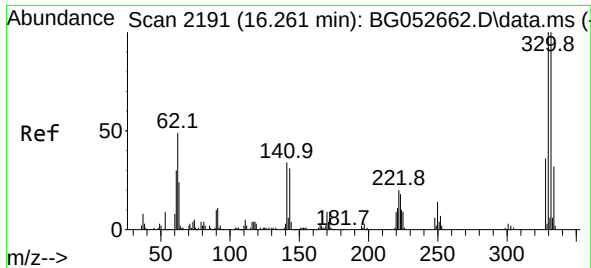
Tgt Ion:142 Resp: 263464
Ion Ratio Lower Upper
142 100
141 93.2 70.5 105.7
116 5.3 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.766 min Scan# 1937
Delta R.T. -0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:164 Resp: 134852
Ion Ratio Lower Upper
164 100
162 103.6 80.0 120.0
160 44.5 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 3.201 ng

RT: 16.241 min Scan# 21

Delta R.T. -0.020 min

Lab File: BG052769.D

Acq: 21 Mar 2022 15:52

Instrument :

BNA_G

ClientSampleId :

PPSP-B10-25.5-26.0

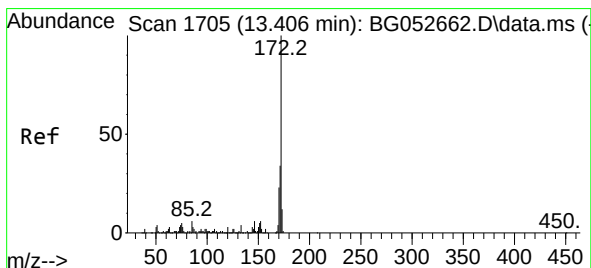
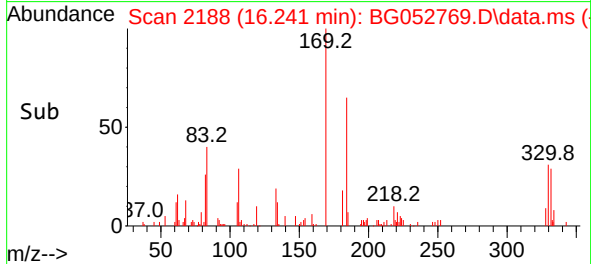
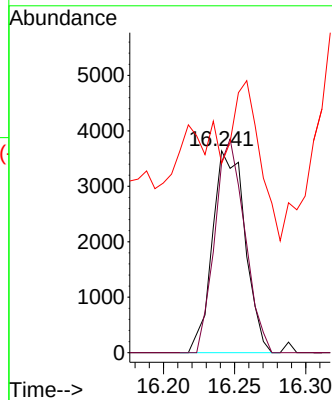
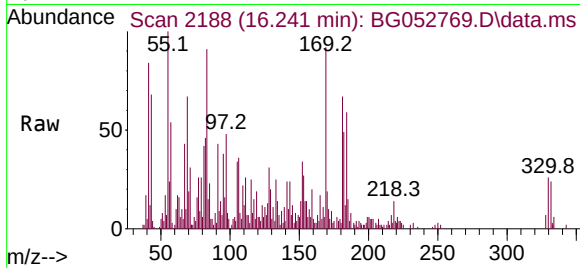
Tgt Ion:330 Resp: 5801

Ion Ratio Lower Upper

330 100

332 97.3 75.8 113.6

141 68.3 24.6 36.8#



#45

2-Fluorobiphenyl

Concen: 4.018 ng

RT: 13.392 min Scan# 1703

Delta R.T. -0.015 min

Lab File: BG052769.D

Acq: 21 Mar 2022 15:52

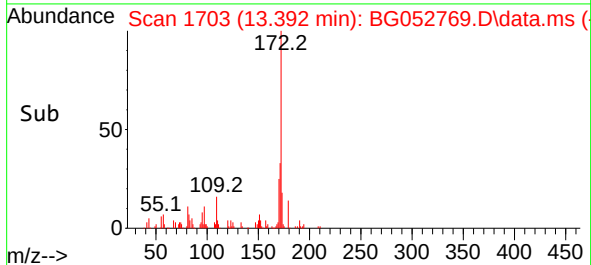
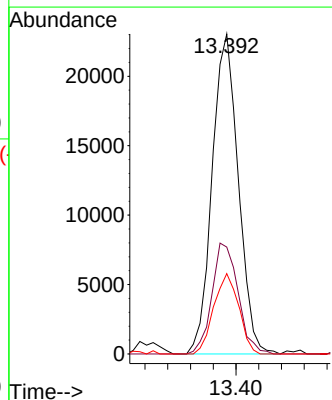
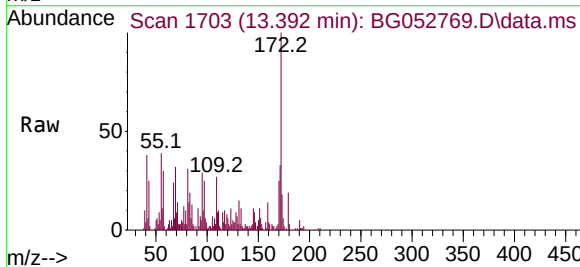
Tgt Ion:172 Resp: 36741

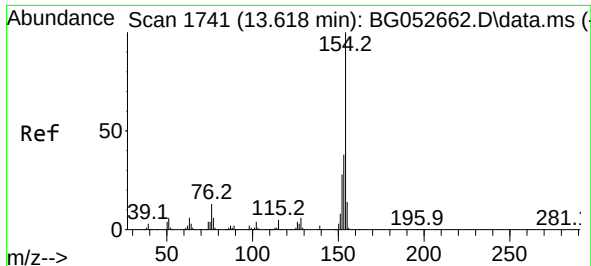
Ion Ratio Lower Upper

172 100

171 33.4 28.3 42.5

170 25.1 18.0 27.0

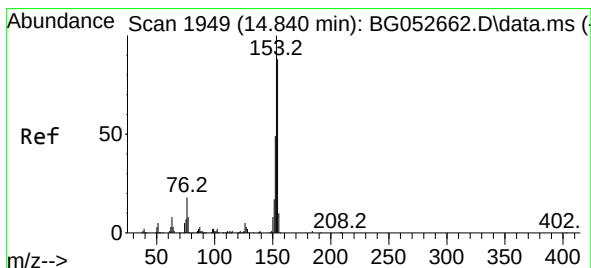
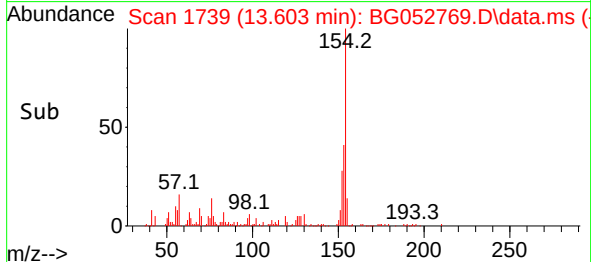
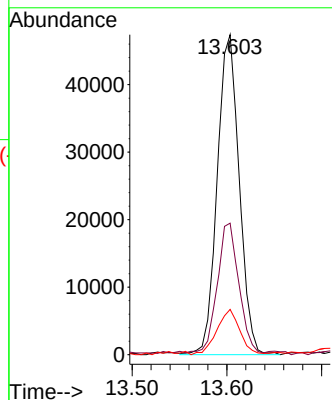
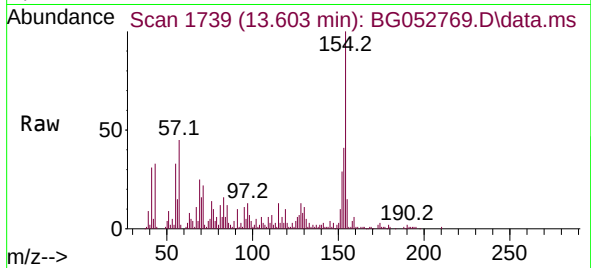




#46
1,1'-Biphenyl
Concen: 8.113 ng
RT: 13.603 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

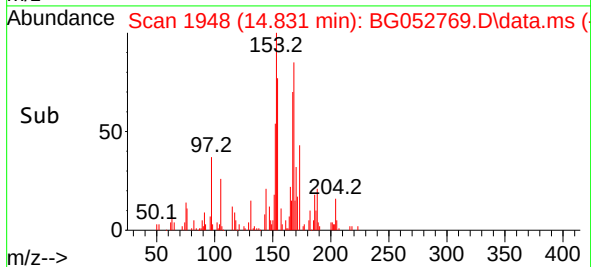
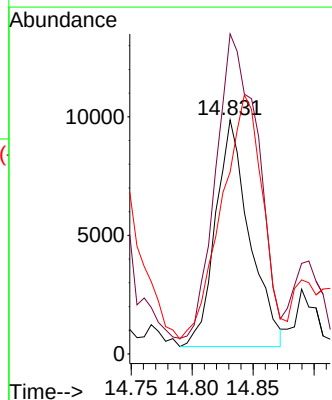
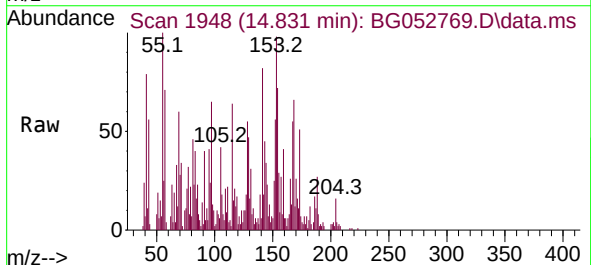
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

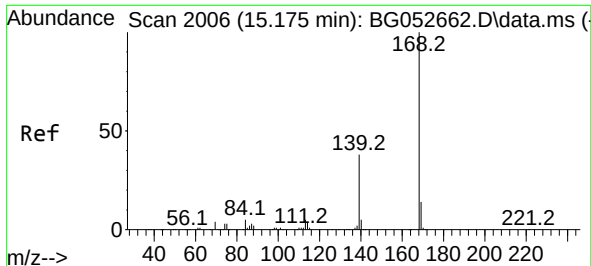
Tgt Ion:154 Resp: 76507
Ion Ratio Lower Upper
154 100
153 41.1 21.6 61.6
76 14.1 0.0 31.5



#52
Acenaphthene
Concen: 2.447 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:154 Resp: 18557
Ion Ratio Lower Upper
154 100
153 136.7 89.0 133.4#
152 77.7 40.5 60.7#

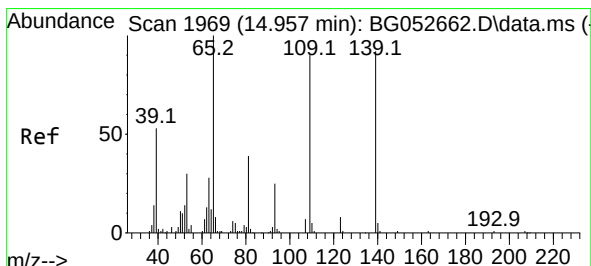
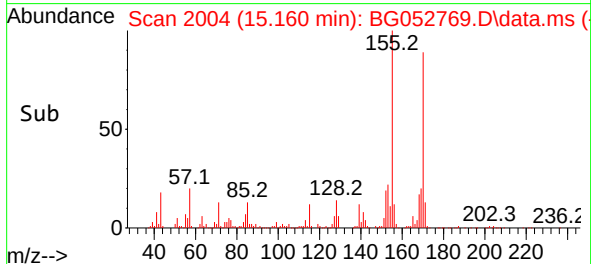
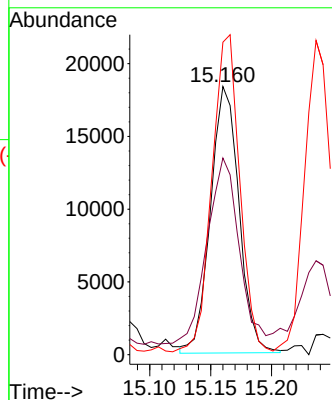
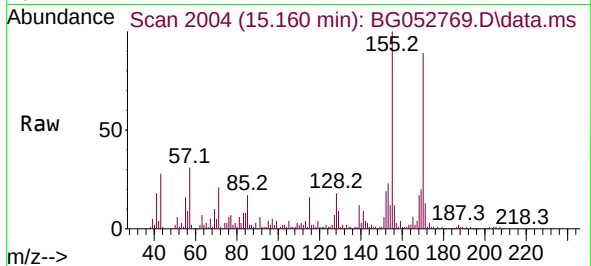




#55
Dibenzenofuran
Concen: 2.400 ng
RT: 15.160 min Scan# 20
Delta R.T. -0.014 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

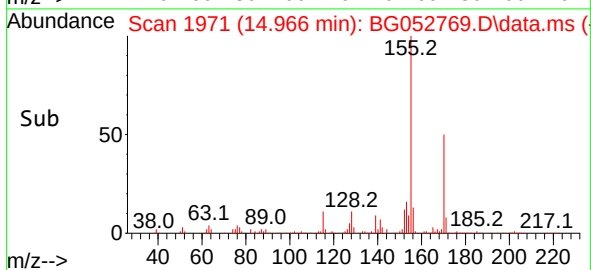
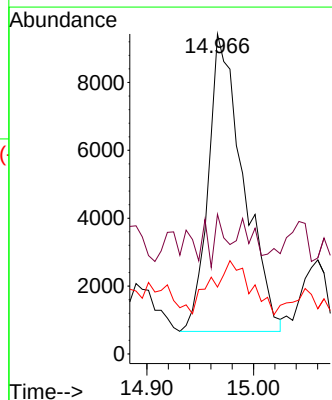
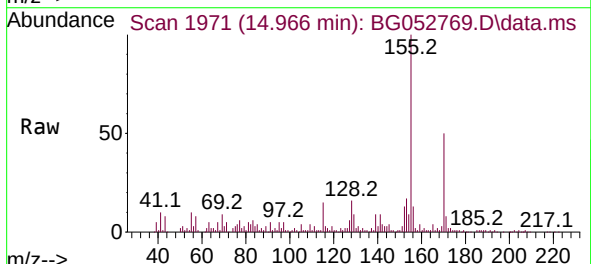
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

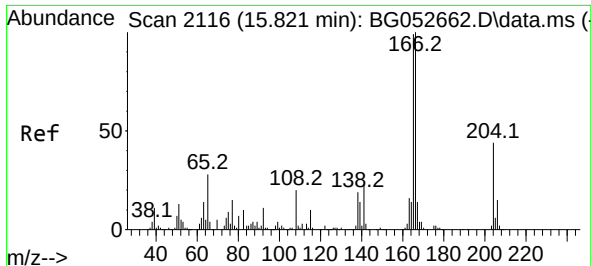
Tgt Ion:168 Resp: 29731
Ion Ratio Lower Upper
168 100
139 73.3 30.2 45.4#
169 116.5 10.7 16.1#



#56
4-Nitrophenol
Concen: 12.359 ng
RT: 14.966 min Scan# 1971
Delta R.T. 0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:139 Resp: 19962
Ion Ratio Lower Upper
139 100
109 43.6 67.1 107.1#
65 20.9 88.2 128.2#

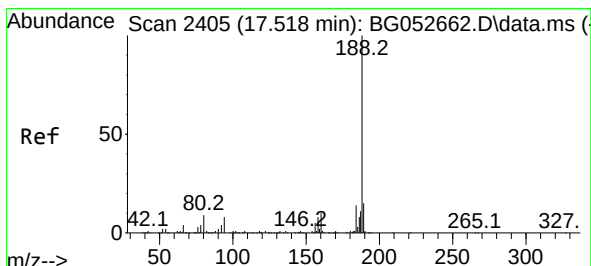
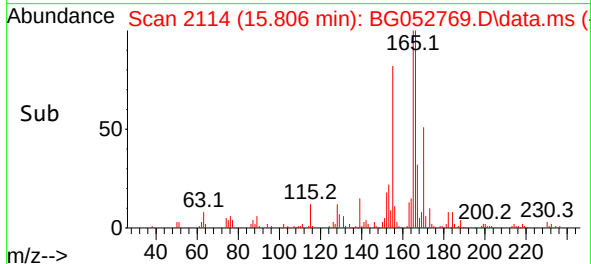
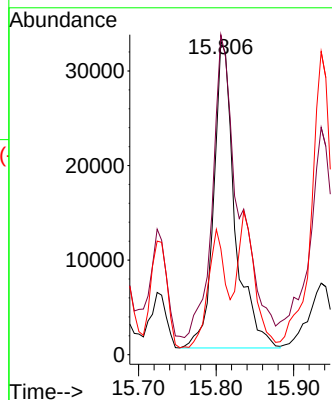
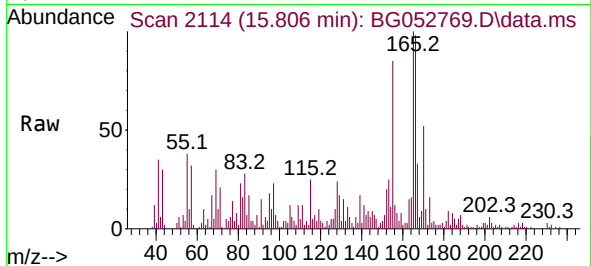




#58
Fluorene
Concen: 6.111 ng
RT: 15.806 min Scan# 2116
Delta R.T. -0.015 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

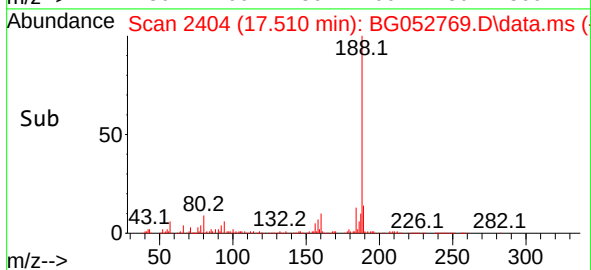
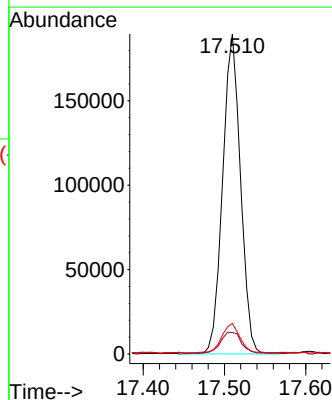
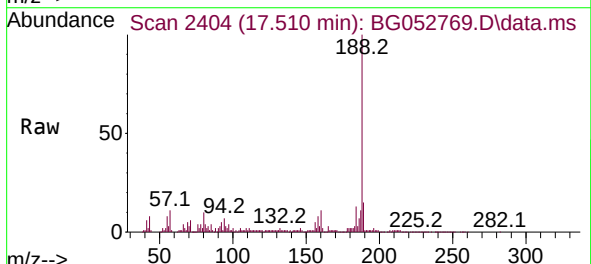
Instrument :
BNA_G
ClientSampleId :
PPSP-B10-25.5-26.0

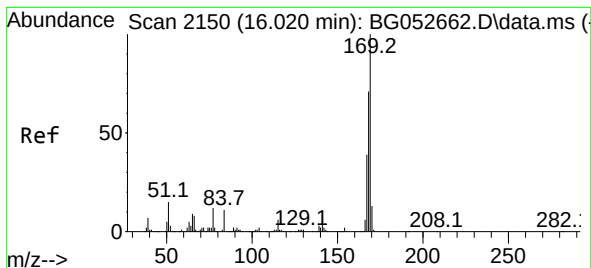
Tgt Ion:166 Resp: 61697
Ion Ratio Lower Upper
166 100
165 102.1 78.6 117.8
167 33.8 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG052769.D
Acq: 21 Mar 2022 15:52

Tgt Ion:188 Resp: 289775
Ion Ratio Lower Upper
188 100
94 6.7 5.7 8.5
80 9.6 7.2 10.8

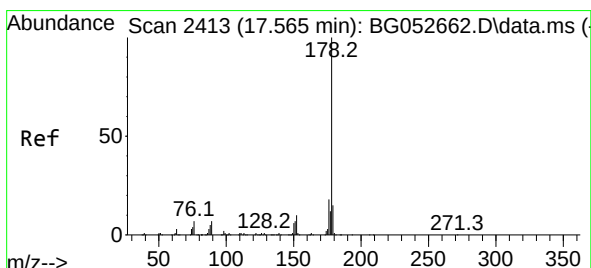
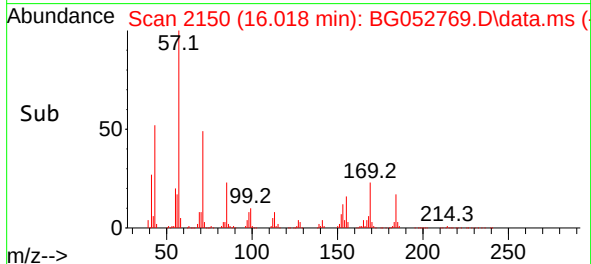
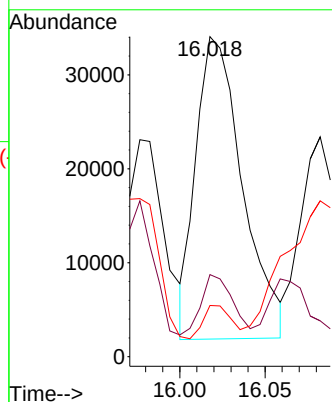
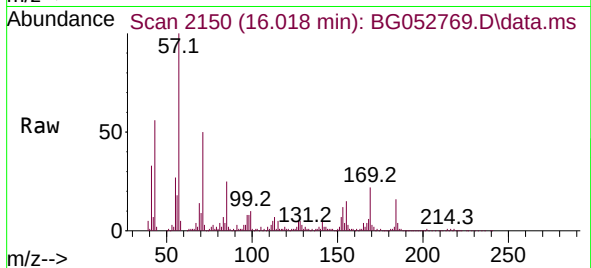




#66
 n-Nitrosodiphenylamine
 Concen: 7.480 ng
 RT: 16.018 min Scan# 2150
 Delta R.T. -0.003 min
 Lab File: BG052769.D
 Acq: 21 Mar 2022 15:52

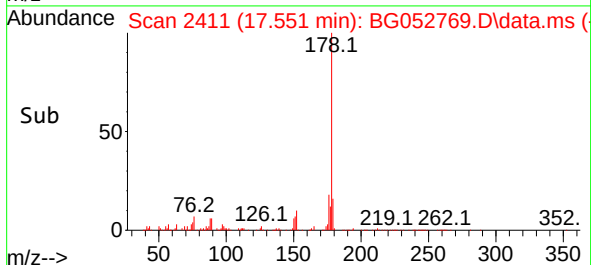
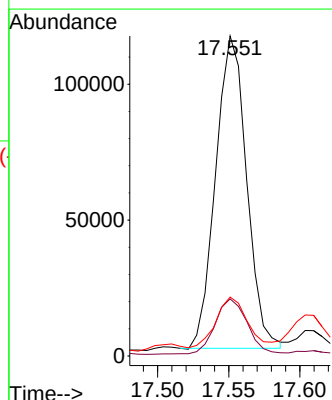
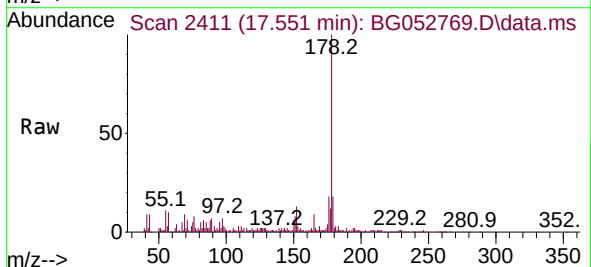
Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B10-25.5-26.0

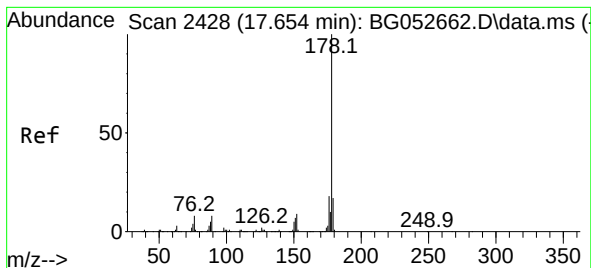
Tgt Ion:169 Resp: 61024
 Ion Ratio Lower Upper
 169 100
 168 25.7 54.5 81.7#
 167 16.0 29.6 44.4#



#71
 Phenanthrene
 Concen: 11.224 ng
 RT: 17.551 min Scan# 2411
 Delta R.T. -0.015 min
 Lab File: BG052769.D
 Acq: 21 Mar 2022 15:52

Tgt Ion:178 Resp: 173998
 Ion Ratio Lower Upper
 178 100
 176 17.9 15.9 23.9
 179 18.4 13.4 20.2





#72

Anthracene

Concen: 11.354 ng

RT: 17.551 min Scan# 24

Delta R.T. -0.103 min

Lab File: BG052769.D

Acq: 21 Mar 2022 15:52

Instrument :

BNA_G

ClientSampleId :

PPSP-B10-25.5-26.0

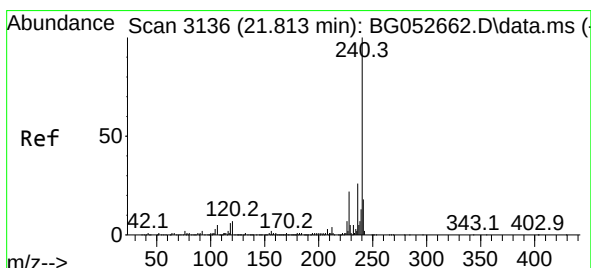
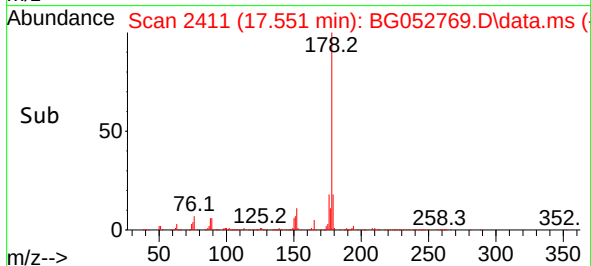
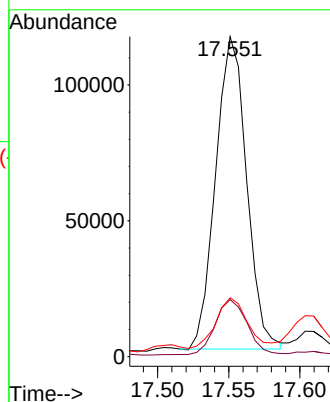
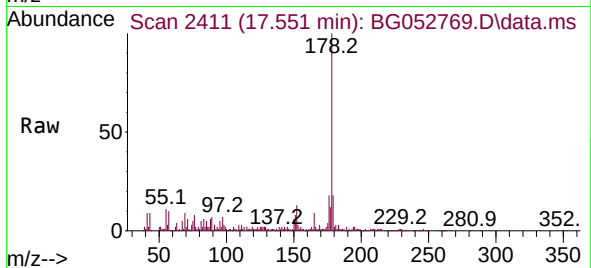
Tgt Ion:178 Resp: 173998

Ion Ratio Lower Upper

178 100

176 17.9 14.7 22.1

179 18.4 13.2 19.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.792 min Scan# 3133

Delta R.T. -0.020 min

Lab File: BG052769.D

Acq: 21 Mar 2022 15:52

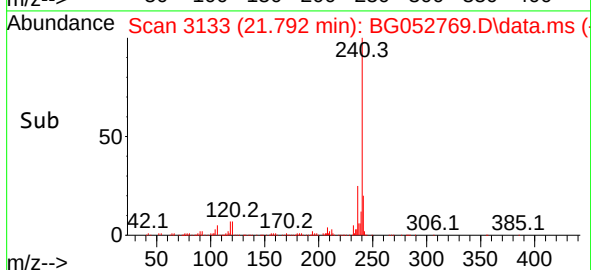
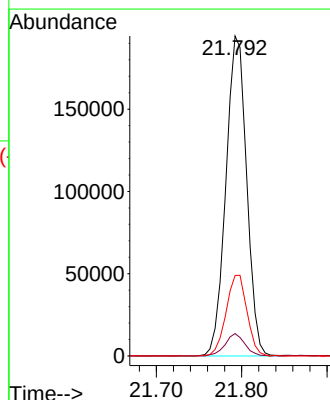
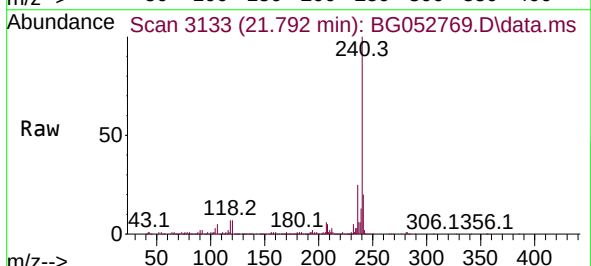
Tgt Ion:240 Resp: 329364

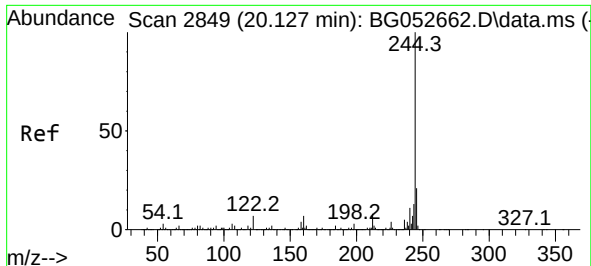
Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.0

236 25.2 19.8 29.6

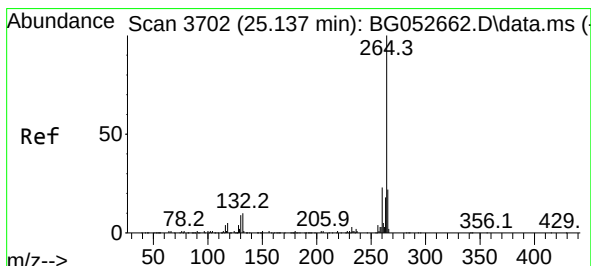
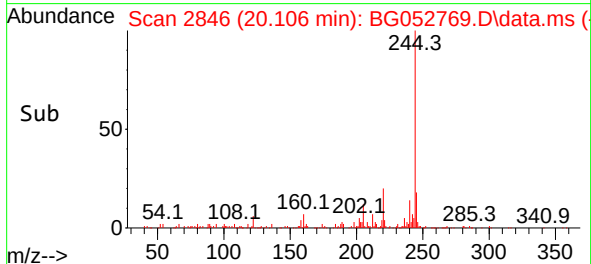
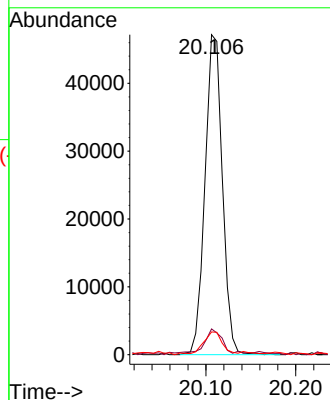
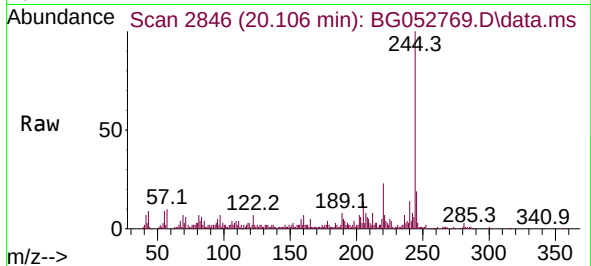




#79
 Terphenyl-d14
 Concen: 3.430 ng
 RT: 20.106 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG052769.D
 Acq: 21 Mar 2022 15:52

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B10-25.5-26.0

Tgt Ion:244 Resp: 63512
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.4 8.2
 122 7.1 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.111 min Scan# 3698
 Delta R.T. -0.026 min
 Lab File: BG052769.D
 Acq: 21 Mar 2022 15:52

Tgt Ion:264 Resp: 361388
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.2 27.2
 265 21.3 15.1 22.7

