

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052768.D
 Acq On : 21 Mar 2022 15:13
 Operator : CG/JU
 Sample : N1708-09DL 20X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B15-25.0-25.5

Quant Time: Mar 21 16:27:33 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)

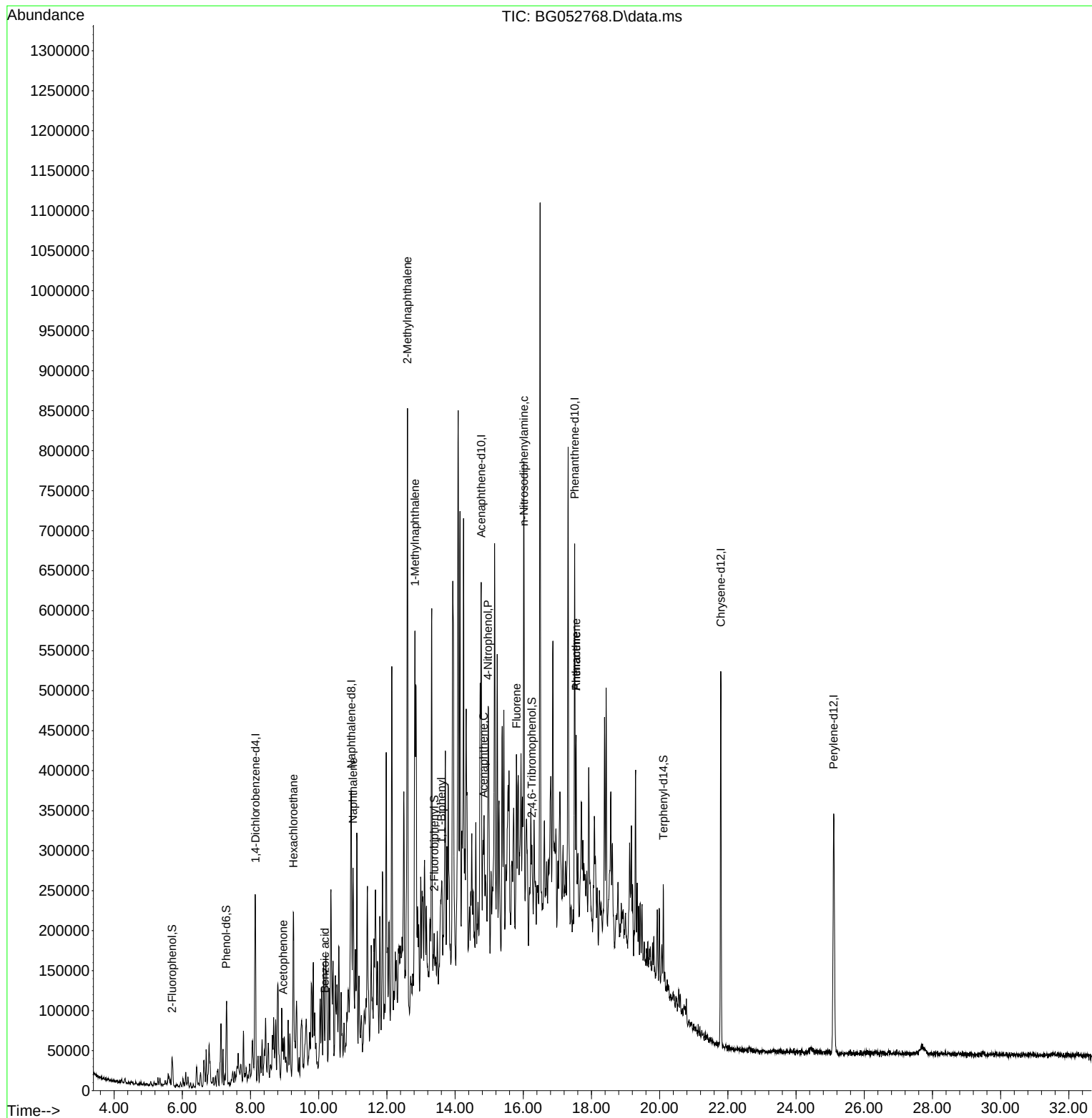
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	51443	20.000	ng	-0.01
21) Naphthalene-d8	10.960	136	192379	20.000	ng	#-0.01
39) Acenaphthene-d10	14.767	164	126611	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	267001	20.000	ng	0.00
76) Chrysene-d12	21.793	240	305063	20.000	ng	-0.02
86) Perylene-d12	25.106	264	331829	20.000	ng	#-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.703	112	13644	4.619	ng	0.00
7) Phenol-d6	7.289	99	20927	4.699	ng	0.00
23) Nitrobenzene-d5	9.621	82	1063	0.277	ng	0.30
42) 2,4,6-Tribromophenol	16.247	330	6480	3.809	ng	-0.01
45) 2-Fluorobiphenyl	13.392	172	31164	3.630	ng	-0.01
79) Terphenyl-d14	20.107	244	52874	3.083	ng	-0.02
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.301	77	1736	Below Cal	#	1
18) Hexachloroethane	9.257	117	19854	14.412	ng	# 1
22) Acetophenone	8.957	105	29210	5.867	ng	# 60
31) Naphthalene	11.007	128	108577	10.914	ng	# 98
32) Benzoic acid	10.185	122	967	6.095	ng	# 1
37) 2-Methylnaphthalene	12.605	142	346100	47.506	ng	# 97
38) 1-Methylnaphthalene	12.822	142	202909	28.537	ng	# 95
46) 1,1'-Biphenyl	13.604	154	19544	2.207	ng	# 93
52) Acenaphthene	14.837	154	14267	2.003	ng	# 51
56) 4-Nitrophenol	14.967	139	14875	9.809	ng	# 37
58) Fluorene	15.807	166	48622	5.129	ng	# 85
66) n-Nitrosodiphenylamine	16.024	169	51148	6.804	ng	# 51
71) Phenanthrene	17.551	178	140232	9.818	ng	# 98
72) Anthracene	17.551	178	140163	9.926	ng	# 98

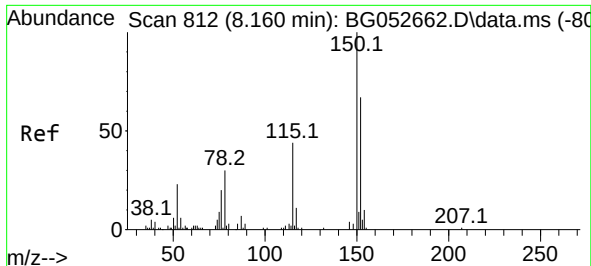
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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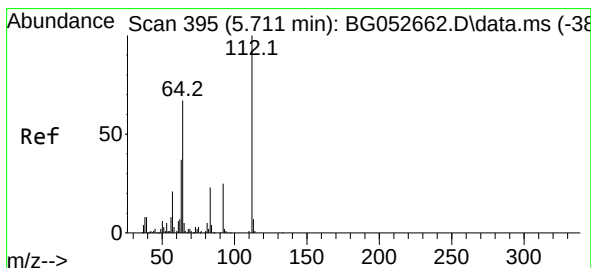
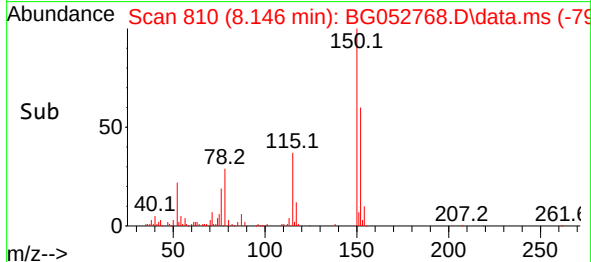
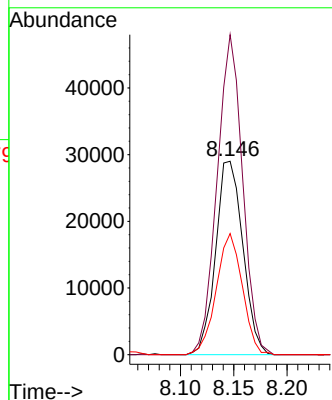
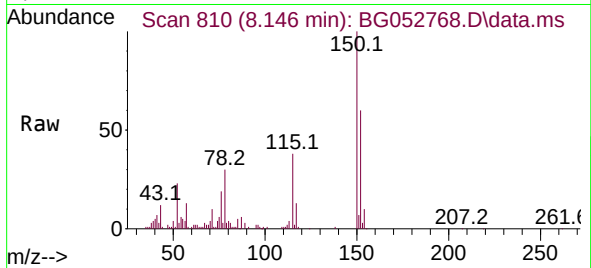




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

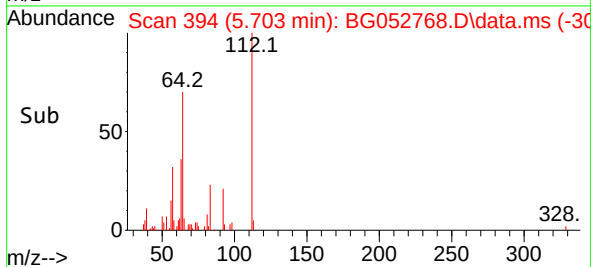
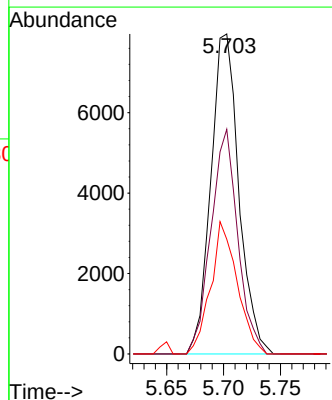
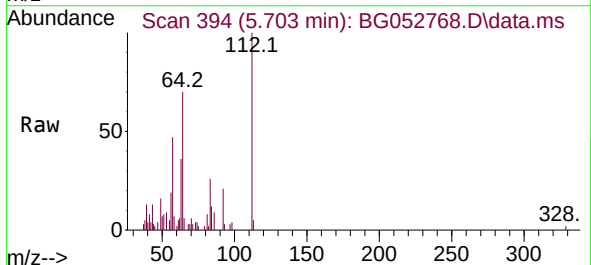
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

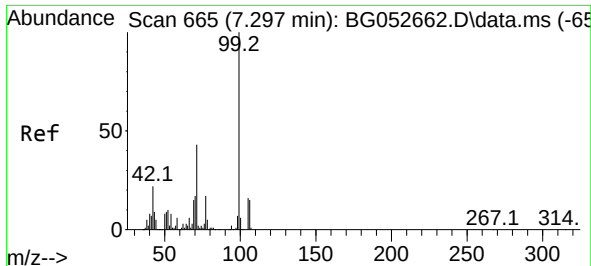
Tgt Ion:152 Resp: 51443
Ion Ratio Lower Upper
152 100
150 165.5 114.6 172.0
115 62.6 45.9 68.9



#5
2-Fluorophenol
Concen: 4.619 ng
RT: 5.703 min Scan# 394
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:112 Resp: 13644
Ion Ratio Lower Upper
112 100
64 70.2 48.0 72.0
63 35.9 26.5 39.7

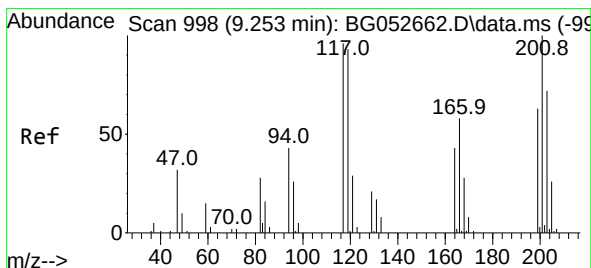
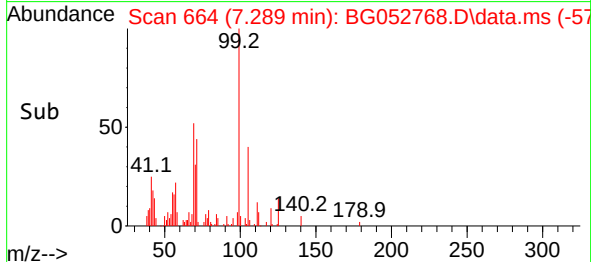
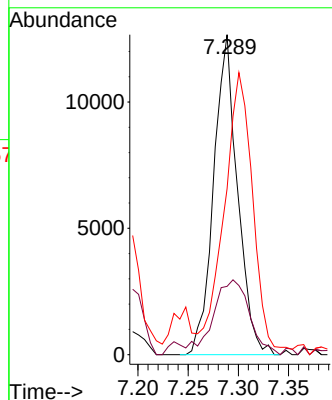
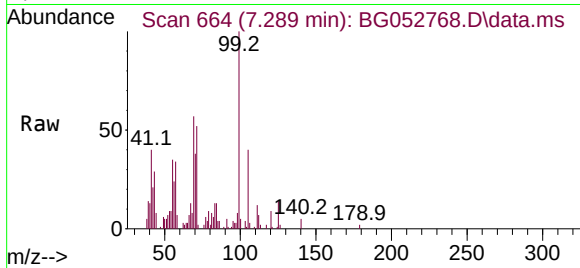




#7
Phenol-d6
Concen: 4.699 ng
RT: 7.289 min Scan# 60
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

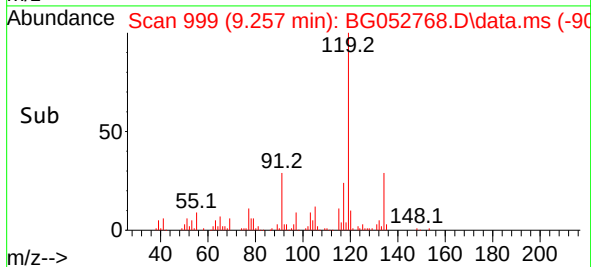
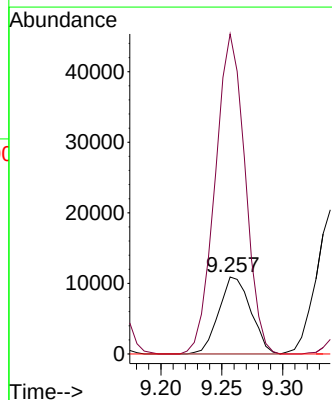
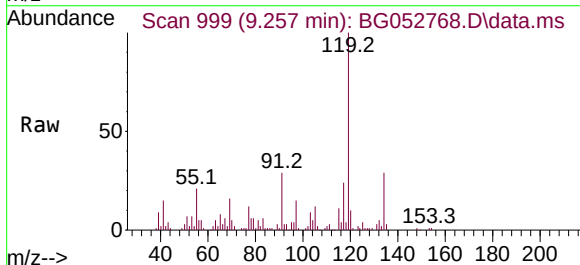
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

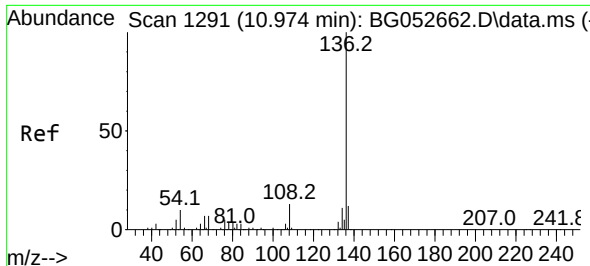
Tgt Ion: 99 Resp: 20927
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 51.9 29.2 43.8#



#18
Hexachloroethane
Concen: 14.412 ng
RT: 9.257 min Scan# 999
Delta R.T. 0.004 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion: 117 Resp: 19854
Ion Ratio Lower Upper
117 100
119 415.5 75.1 112.7#
201 0.0 96.6 145.0#

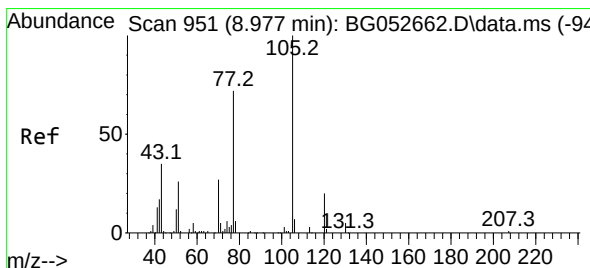
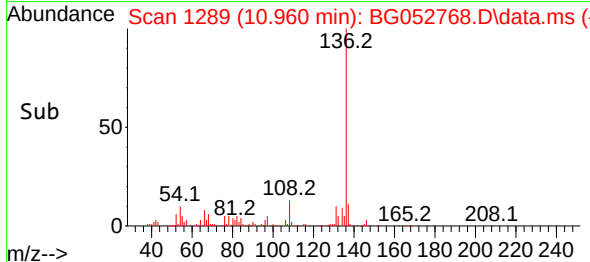
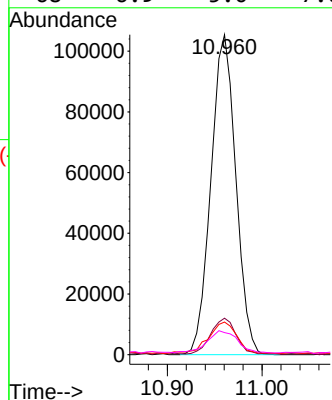
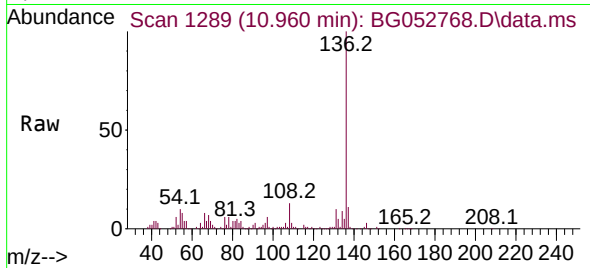




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.960 min Scan# 11
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

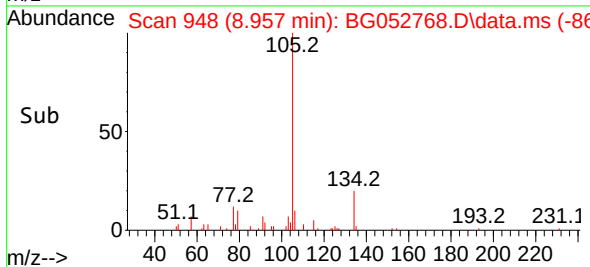
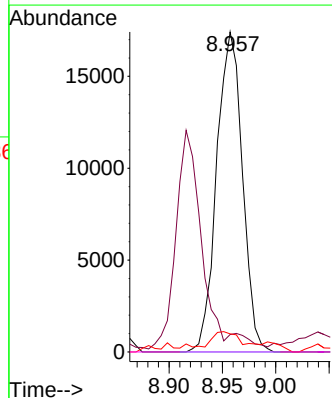
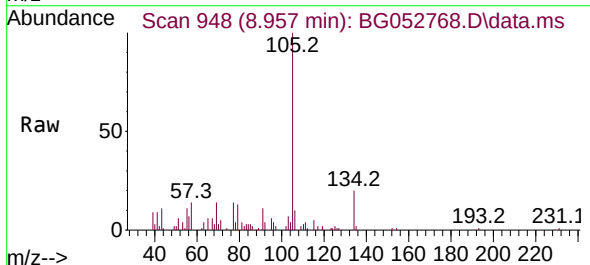
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

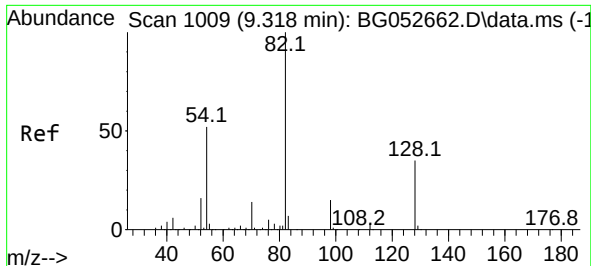
Tgt Ion:136 Resp: 192379
Ion Ratio Lower Upper
136 100
137 11.4 9.4 14.2
54 10.2 6.4 9.6#
68 6.9 5.0 7.6



#22
Acetophenone
Concen: 5.867 ng
RT: 8.957 min Scan# 948
Delta R.T. -0.020 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:105 Resp: 29210
Ion Ratio Lower Upper
105 100
71 5.5 2.1 3.1#
51 5.7 21.9 32.9#
120 0.0 15.3 22.9#





#23

Nitrobenzene-d5

Concen: 0.277 ng

RT: 9.621 min Scan# 1061

Delta R.T. 0.303 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

Instrument :

BNA_G

ClientSampleId :

PPSP-B15-25.0-25.5

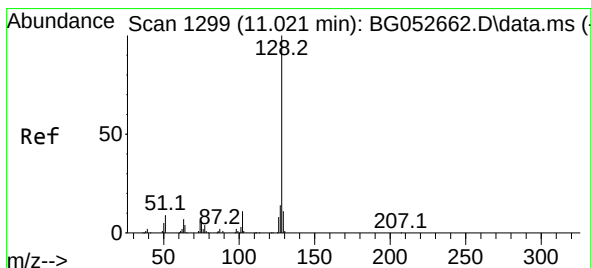
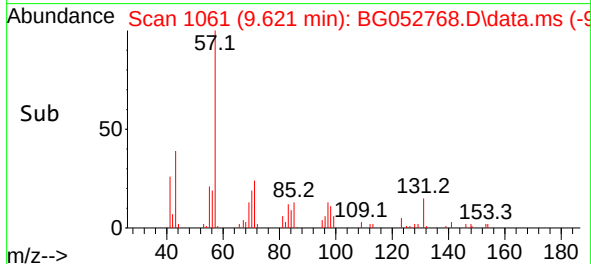
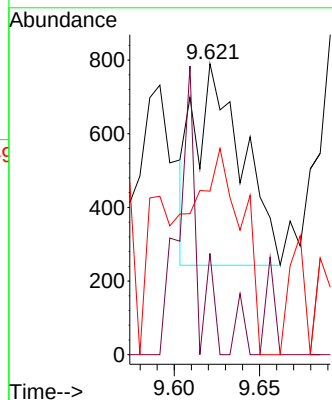
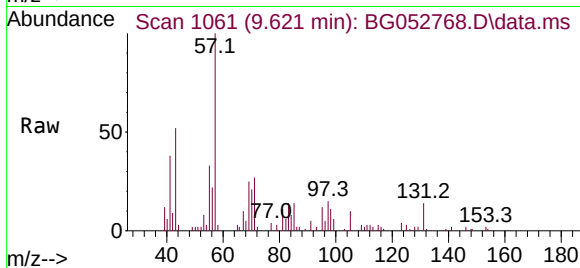
Tgt Ion: 82 Resp: 1063

Ion Ratio Lower Upper

82 100

128 34.8 31.3 46.9

54 56.2 37.8 56.8



#31

Naphthalene

Concen: 10.914 ng

RT: 11.007 min Scan# 1297

Delta R.T. -0.014 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

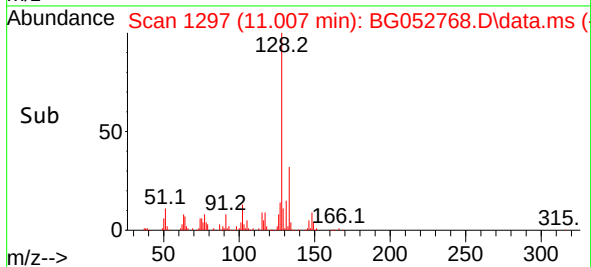
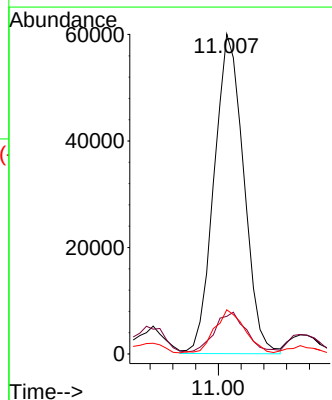
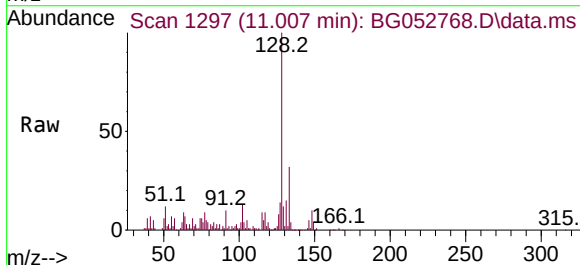
Tgt Ion: 128 Resp: 108577

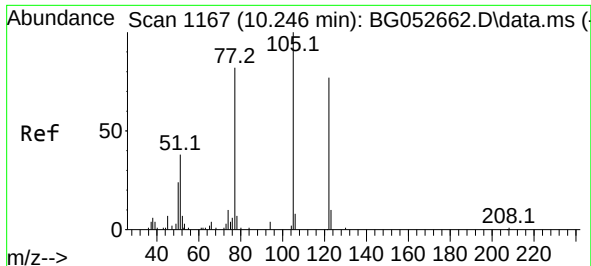
Ion Ratio Lower Upper

128 100

129 11.7 8.8 13.2

127 13.8 10.5 15.7

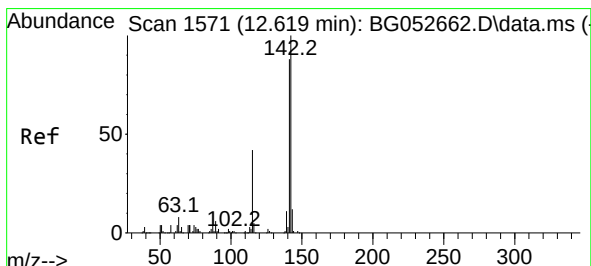
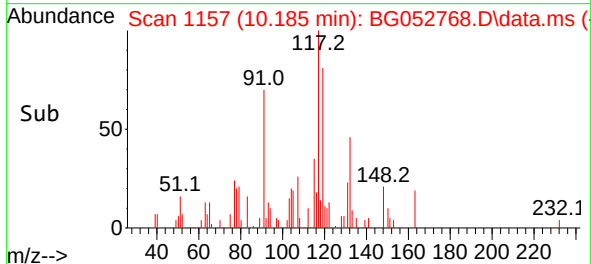
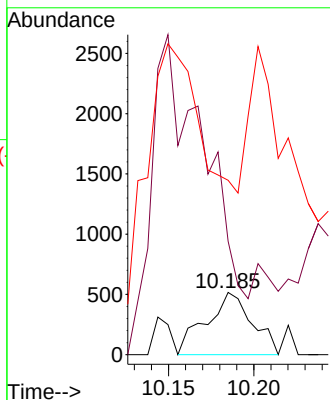
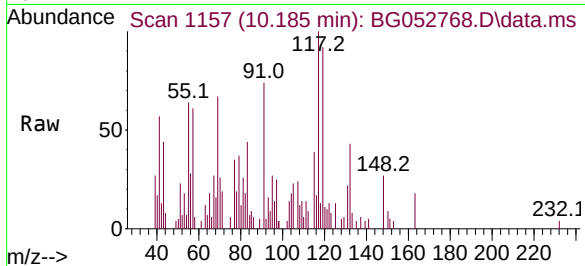




#32
Benzoic acid
Concen: 6.095 ng
RT: 10.185 min Scan# 1167
Delta R.T. -0.061 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

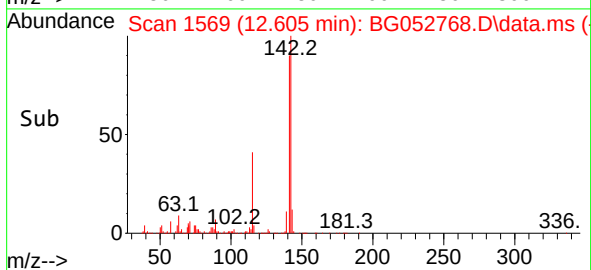
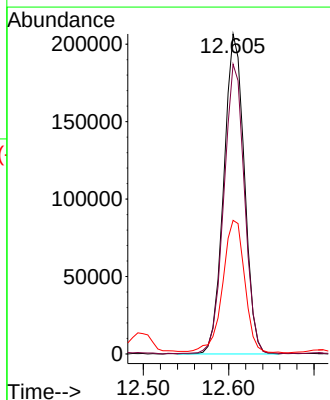
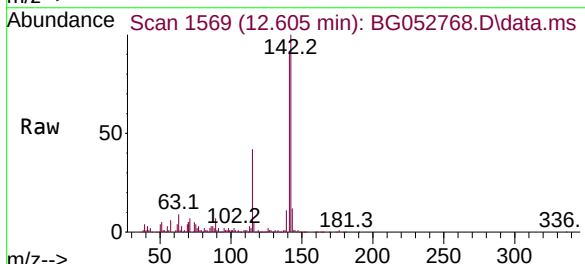
Instrument :
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ClientSampleId :
PPSP-B15-25.0-25.5

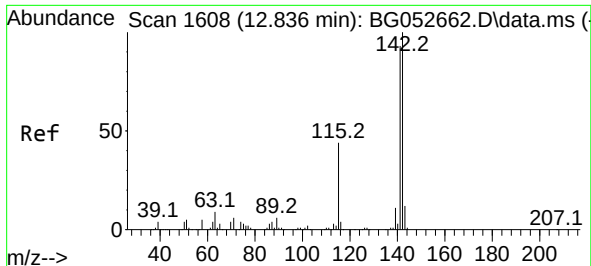
Tgt Ion:122 Resp: 967
Ion Ratio Lower Upper
122 100
105 182.4 112.8 152.8#
77 280.6 78.4 118.4#



#37
2-Methylnaphthalene
Concen: 47.506 ng
RT: 12.605 min Scan# 1569
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:142 Resp: 346100
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 41.7 29.5 44.3

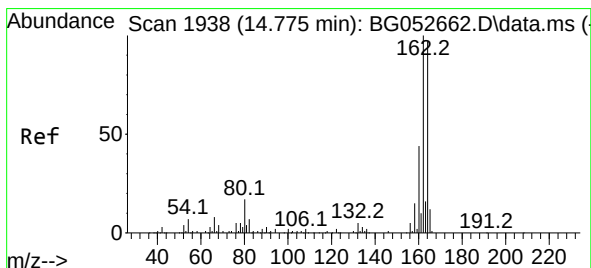
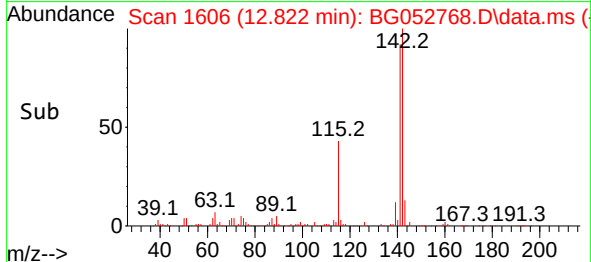
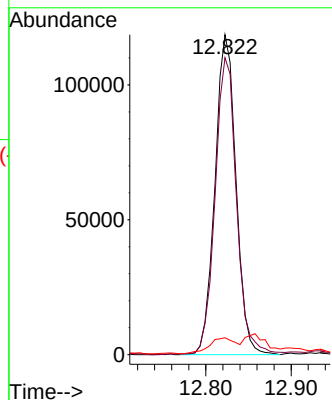
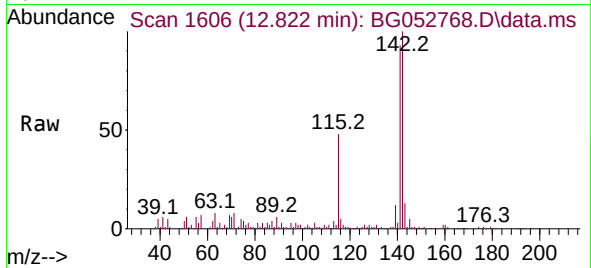




#38
1-Methylnaphthalene
Concen: 28.537 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

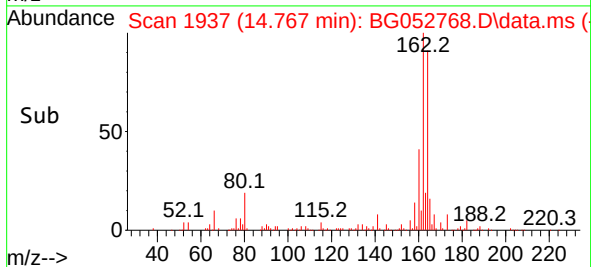
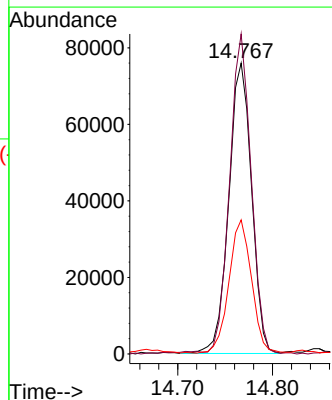
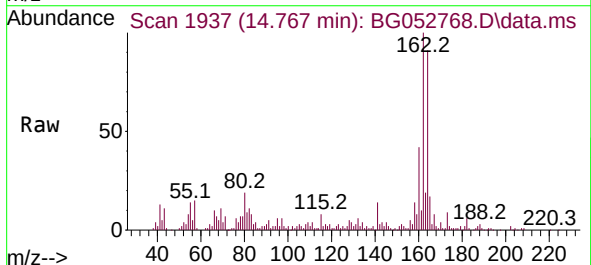
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

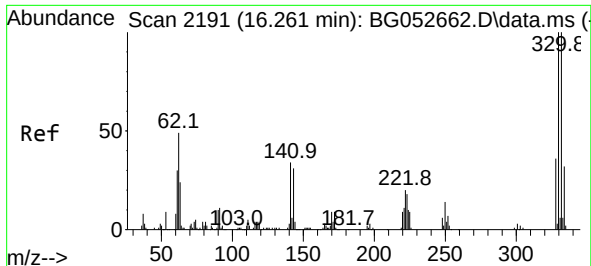
Tgt Ion:142 Resp: 202909
Ion Ratio Lower Upper
142 100
141 92.8 70.5 105.7
116 5.3 3.1 4.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.767 min Scan# 1937
Delta R.T. -0.008 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:164 Resp: 126611
Ion Ratio Lower Upper
164 100
162 110.0 80.0 120.0
160 46.1 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 3.809 ng

RT: 16.247 min Scan# 21

Delta R.T. -0.014 min

Lab File: BG052768.D

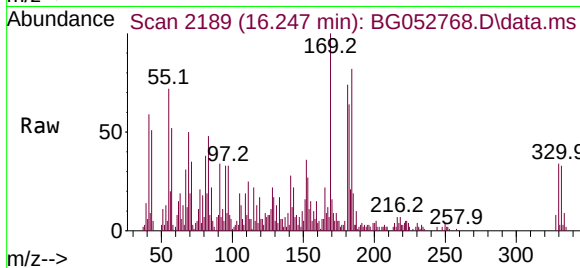
Acq: 21 Mar 2022 15:13

Instrument :

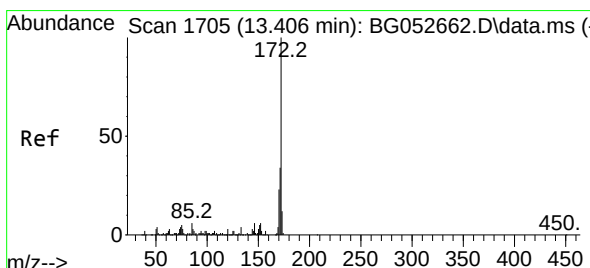
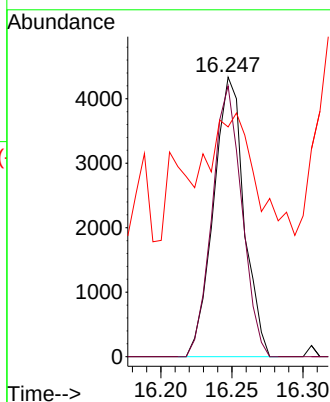
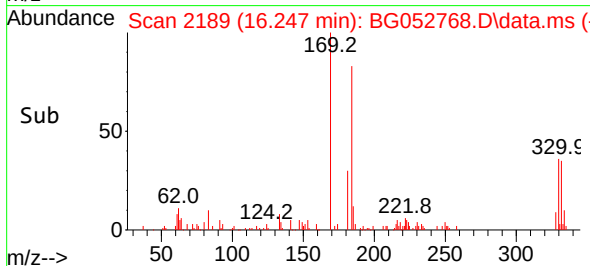
BNA_G

ClientSampleId :

PPSP-B15-25.0-25.5



Tgt Ion:	330	Resp:	6480
Ion Ratio	Lower	Upper	
330	100		
332	94.2	75.8	113.6
141	63.6	24.6	36.8#



#45

2-Fluorobiphenyl

Concen: 3.630 ng

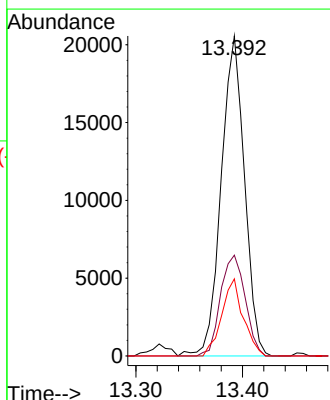
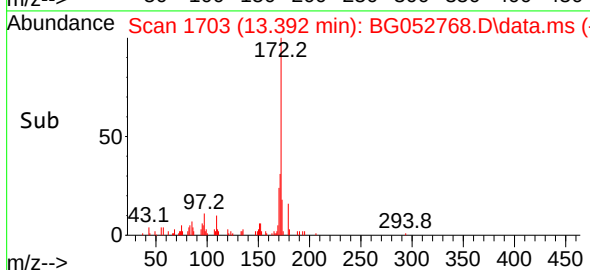
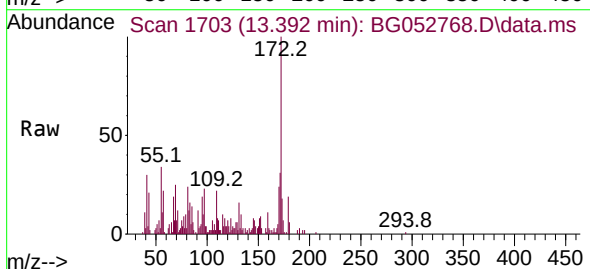
RT: 13.392 min Scan# 1703

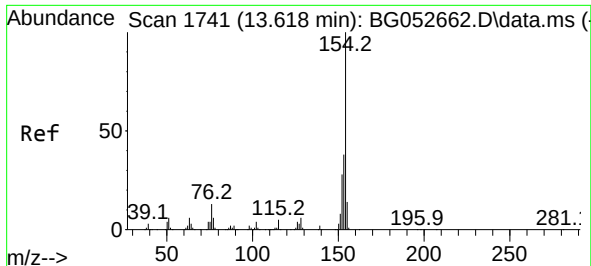
Delta R.T. -0.014 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

Tgt Ion:	172	Resp:	31164
Ion Ratio	Lower	Upper	
172	100		
171	31.5	28.3	42.5
170	24.1	18.0	27.0

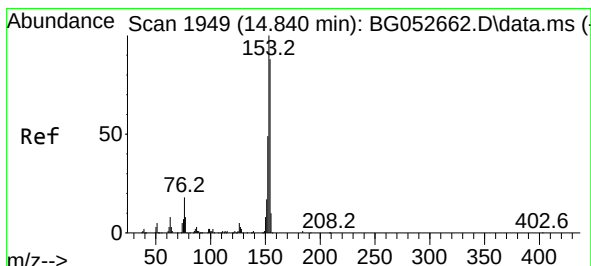
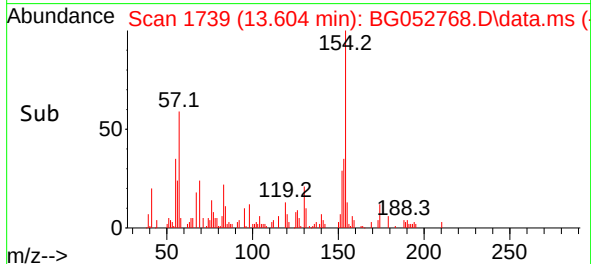
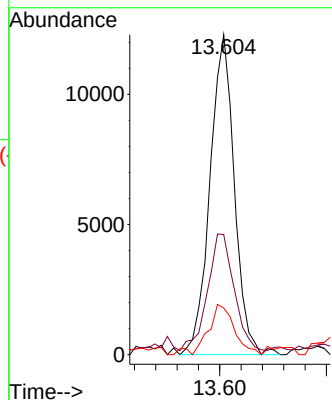
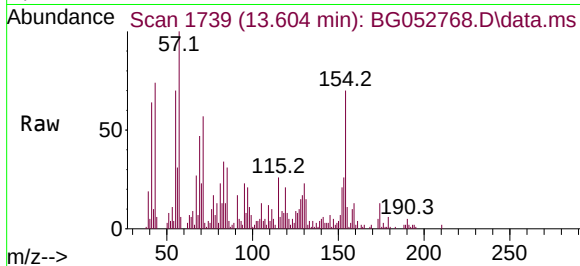




#46
1,1'-Biphenyl
Concen: 2.207 ng
RT: 13.604 min Scan# 1739
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

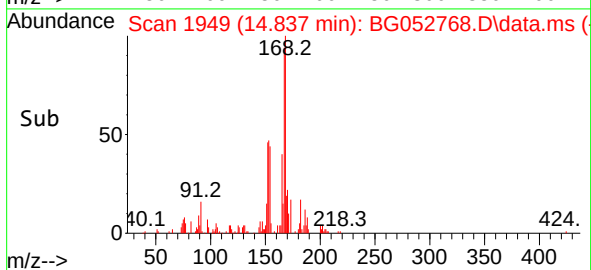
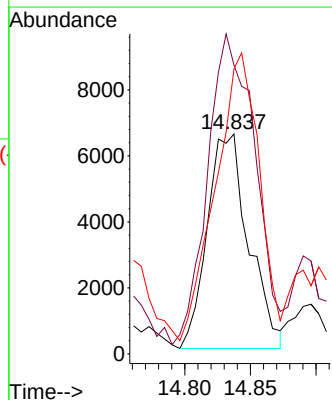
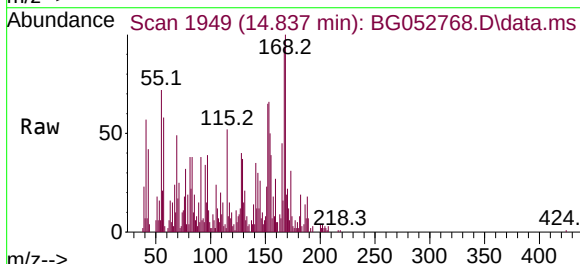
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

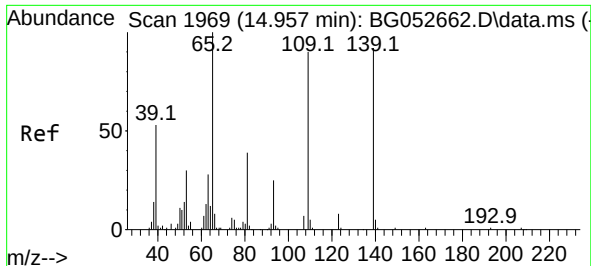
Tgt Ion:154	Resp:	19544
Ion Ratio	Lower	Upper
154	100	
153	37.6	21.6 61.6
76	14.6	0.0 31.5



#52
Acenaphthene
Concen: 2.003 ng
RT: 14.837 min Scan# 1949
Delta R.T. -0.002 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:154	Resp:	14267
Ion Ratio	Lower	Upper
154	100	
153	131.4	89.0 133.4
152	129.6	40.5 60.7#

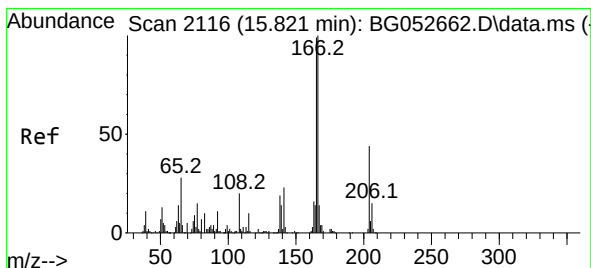
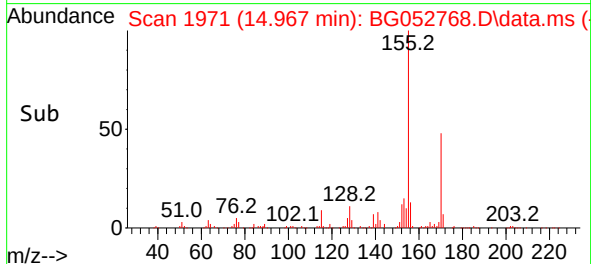
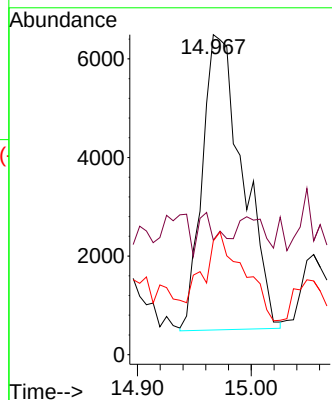
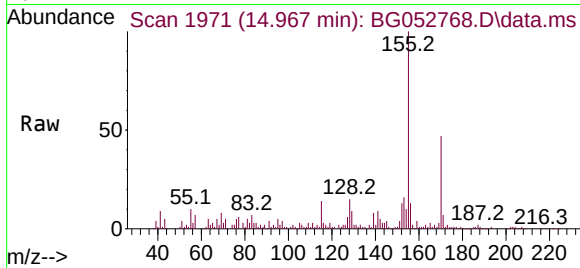




#56
4-Nitrophenol
Concen: 9.809 ng
RT: 14.967 min Scan# 1969
Delta R.T. 0.009 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

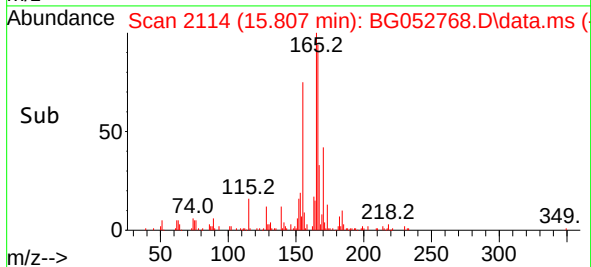
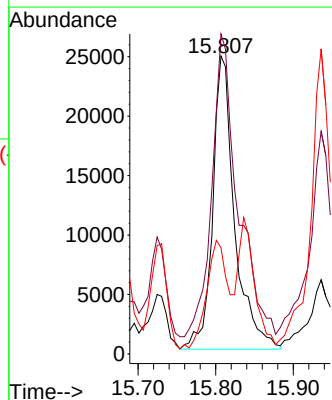
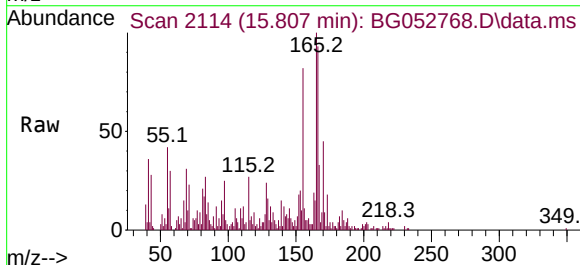
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

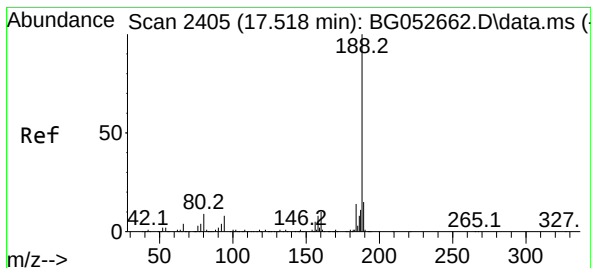
Tgt Ion:139 Resp: 14875
Ion Ratio Lower Upper
139 100
109 35.8 67.1 107.1#
65 35.6 88.2 128.2#



#58
Fluorene
Concen: 5.129 ng
RT: 15.807 min Scan# 2114
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:166 Resp: 48622
Ion Ratio Lower Upper
166 100
165 107.3 78.6 117.8
167 35.6 10.9 16.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.510 min Scan# 2405

Delta R.T. -0.008 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

Instrument :

BNA_G

ClientSampleId :

PPSP-B15-25.0-25.5

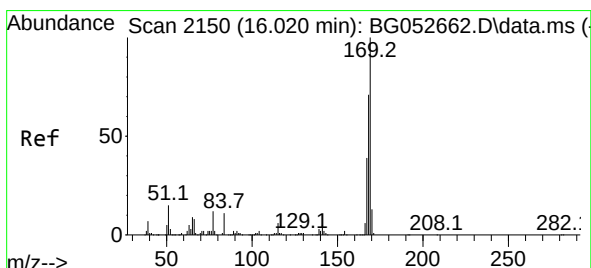
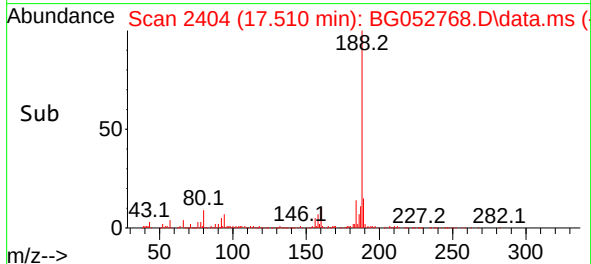
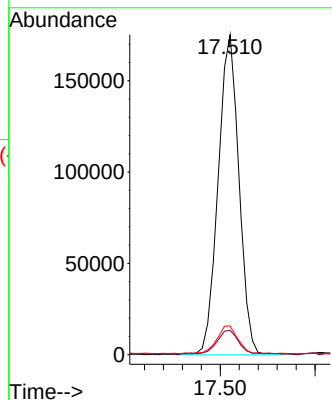
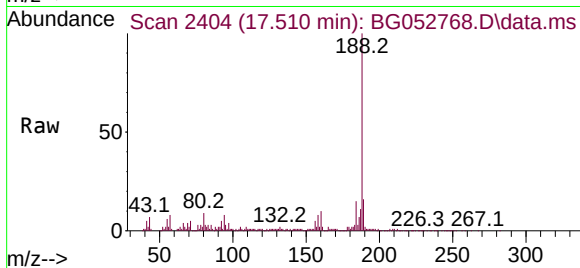
Tgt Ion:188 Resp: 267001

Ion Ratio Lower Upper

188 100

94 7.6 5.7 8.5

80 9.0 7.2 10.8



#66

n-Nitrosodiphenylamine

Concen: 6.804 ng

RT: 16.024 min Scan# 2151

Delta R.T. 0.004 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

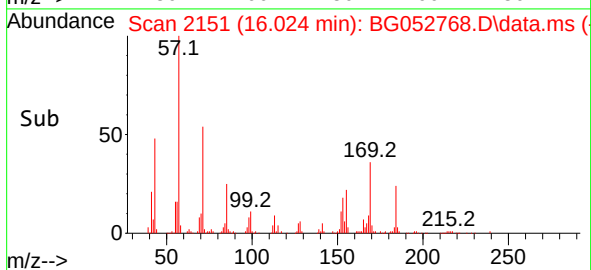
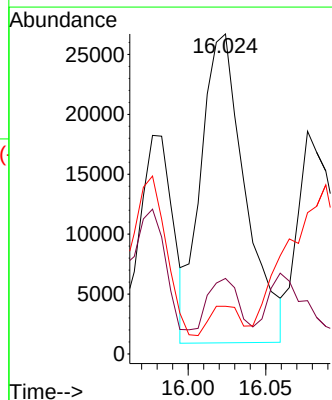
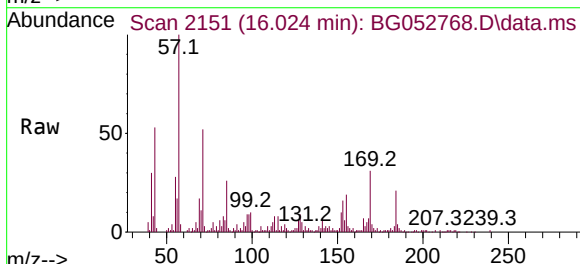
Tgt Ion:169 Resp: 51148

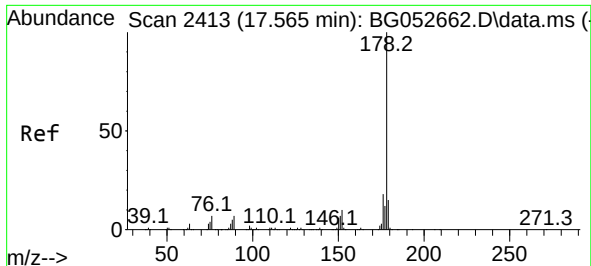
Ion Ratio Lower Upper

169 100

168 23.6 54.5 81.7#

167 14.9 29.6 44.4#

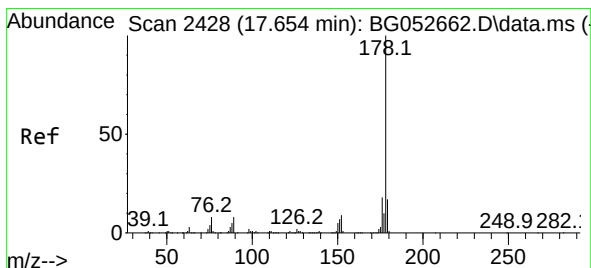
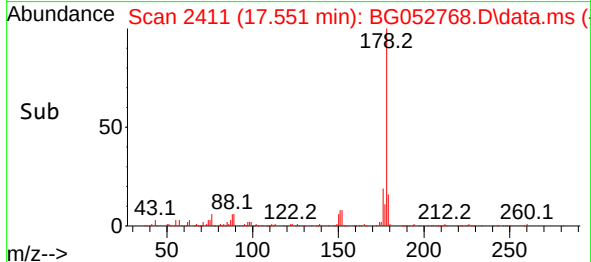
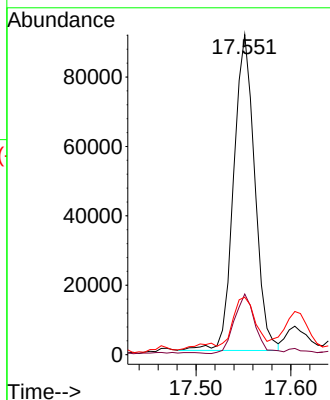
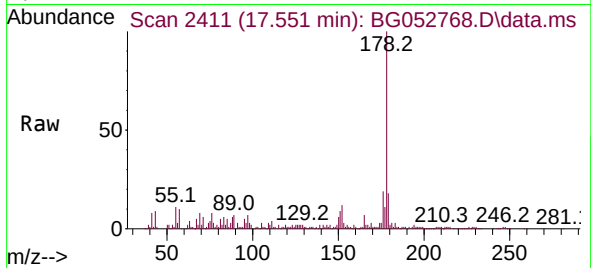




#71
Phenanthrene
Concen: 9.818 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.014 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

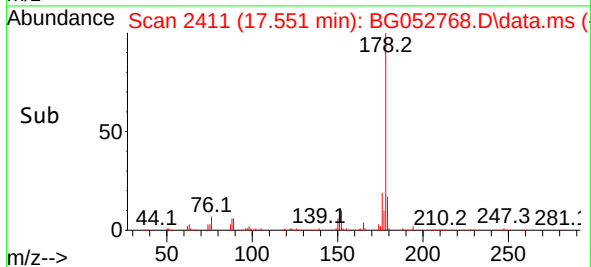
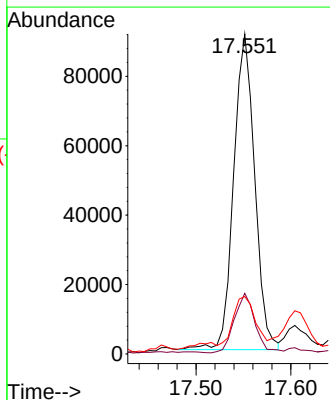
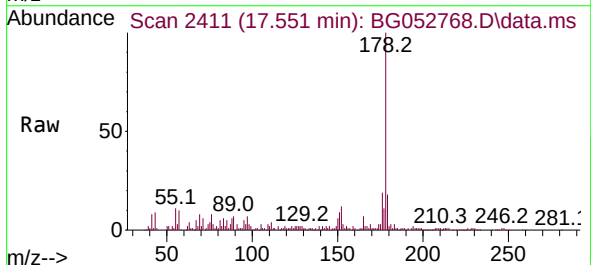
Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5

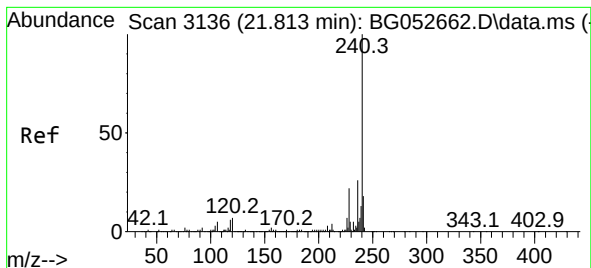
Tgt Ion:178 Resp: 140232
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 18.0 13.4 20.2



#72
Anthracene
Concen: 9.926 ng
RT: 17.551 min Scan# 2411
Delta R.T. -0.102 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Tgt Ion:178 Resp: 140163
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 18.0 13.2 19.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.793 min Scan# 31

Delta R.T. -0.020 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

Instrument :

BNA_G

ClientSampleId :

PPSP-B15-25.0-25.5

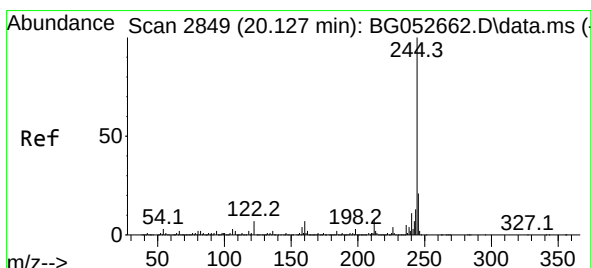
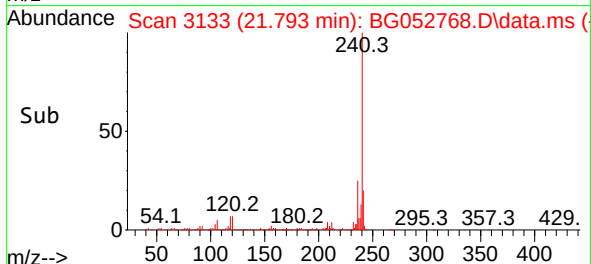
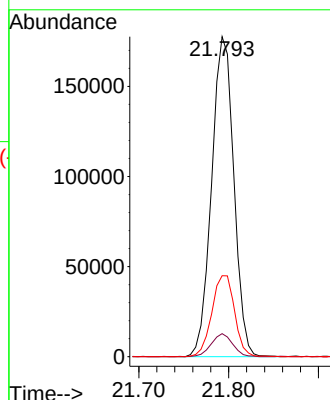
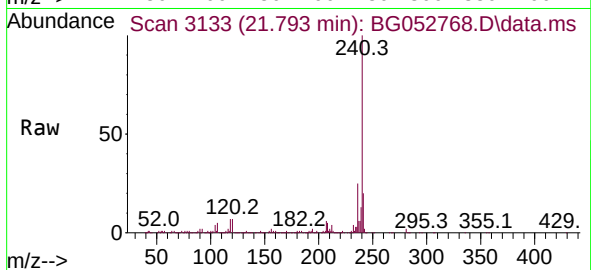
Tgt Ion:240 Resp: 305063

Ion Ratio Lower Upper

240 100

120 7.2 5.4 8.0

236 25.3 19.8 29.6



#79

Terphenyl-d14

Concen: 3.083 ng

RT: 20.107 min Scan# 2846

Delta R.T. -0.020 min

Lab File: BG052768.D

Acq: 21 Mar 2022 15:13

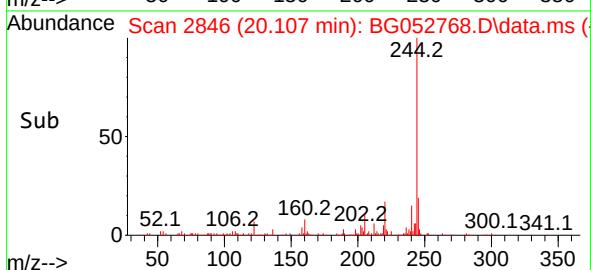
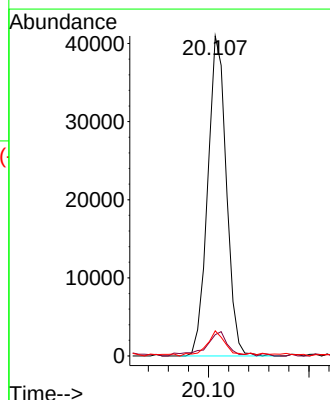
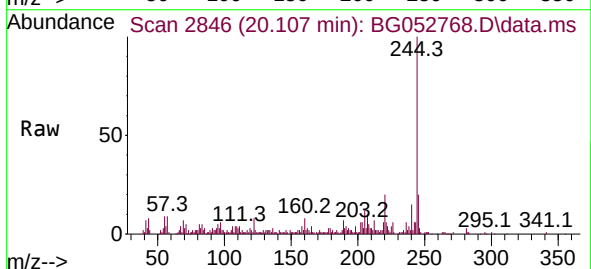
Tgt Ion:244 Resp: 52874

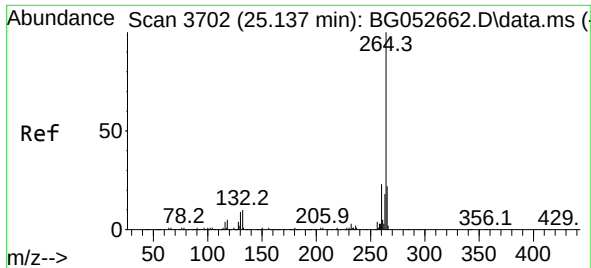
Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

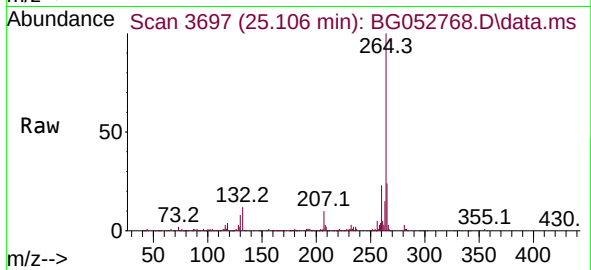
122 7.8 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.106 min Scan# 30
Delta R.T. -0.032 min
Lab File: BG052768.D
Acq: 21 Mar 2022 15:13

Instrument :
BNA_G
ClientSampleId :
PPSP-B15-25.0-25.5



Tgt Ion:264 Resp: 331829

Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.2	27.2
265	23.6	15.1	22.7

