

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052771.D
 Acq On : 21 Mar 2022 17:10
 Operator : CG/JU
 Sample : N1709-14 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B17-23.5-24.0

Quant Time: Mar 22 02:54:28 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)

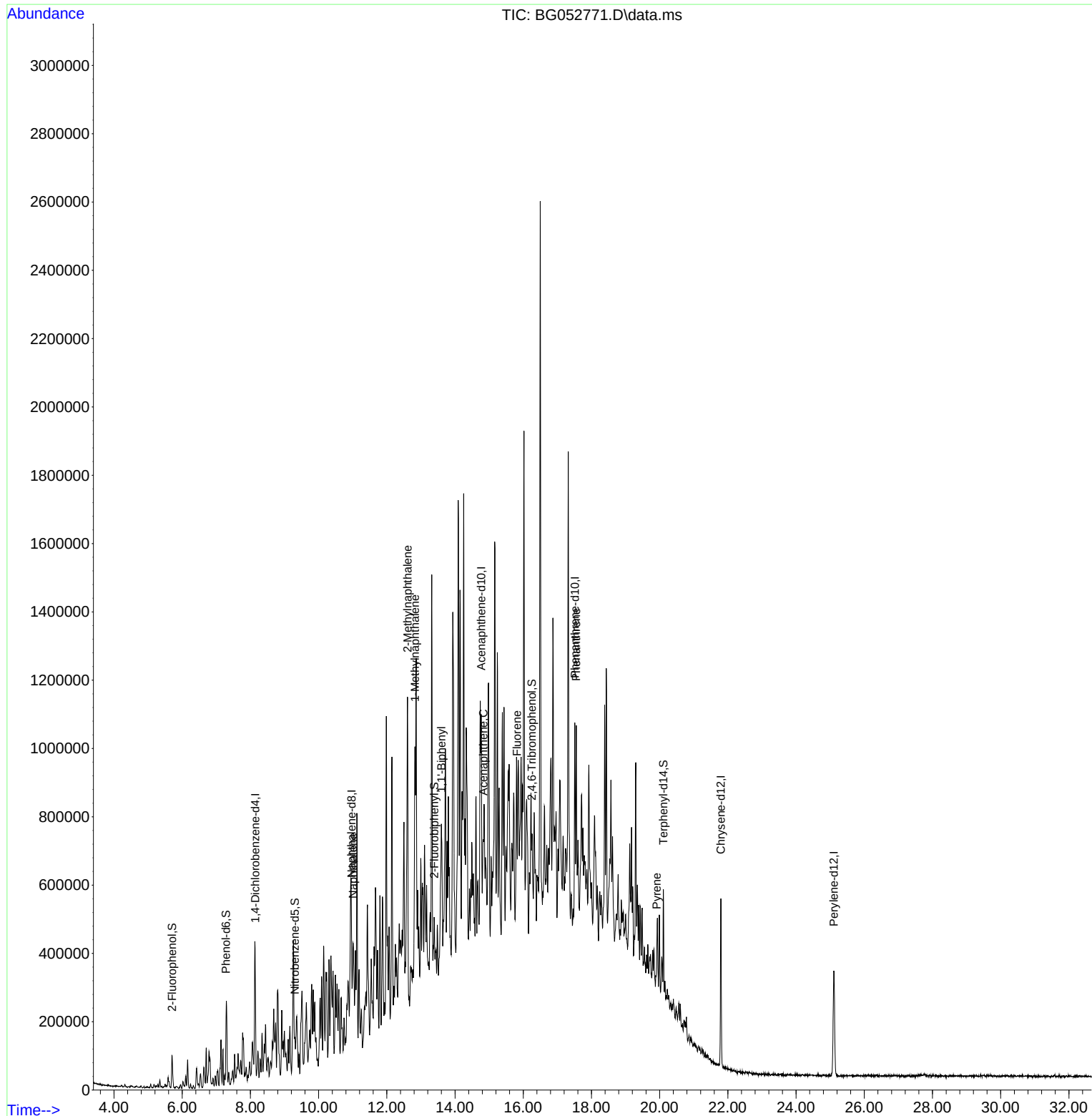
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	52372	20.000	ng	-0.02
21) Naphthalene-d8	10.962	136	197746	20.000	ng	#-0.01
39) Acenaphthene-d10	14.769	164	137284	20.000	ng	0.00
64) Phenanthrene-d10	17.512	188	275096	20.000	ng	0.00
76) Chrysene-d12	21.795	240	314474	20.000	ng	-0.02
86) Perylene-d12	25.108	264	356482	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.705	112	38849	12.918	ng	0.00
7) Phenol-d6	7.285	99	57339	12.647	ng	-0.01
23) Nitrobenzene-d5	9.306	82	46704	11.854	ng	-0.01
42) 2,4,6-Tribromophenol	16.249	330	17484	9.478	ng	-0.01
45) 2-Fluorobiphenyl	13.395	172	75065	8.064	ng	-0.01
79) Terphenyl-d14	20.109	244	125452	7.096	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	11.009	128	96816	9.468	ng	# 93
37) 2-Methylnaphthalene	12.607	142	407305	54.389	ng	# 95
38) 1-Methylnaphthalene	12.825	142	310509	42.485	ng	# 94
46) 1,1'-Biphenyl	13.606	154	100517	10.470	ng	97
52) Acenaphthene	14.828	154	30630	3.967	ng	# 88
58) Fluorene	15.815	166	100006	9.730	ng	# 89
71) Phenanthrene	17.554	178	307933	20.924	ng	98
78) Pyrene	19.915	202	58470	2.680	ng	# 90

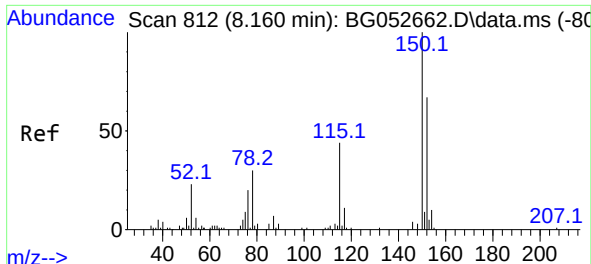
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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Quant Time: Mar 22 02:54:28 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

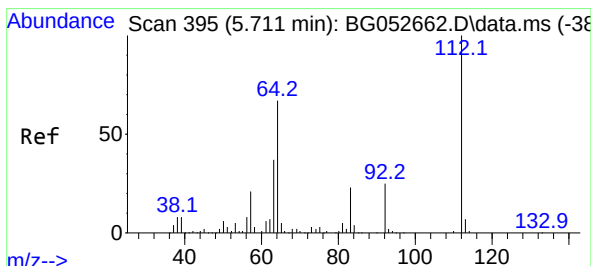
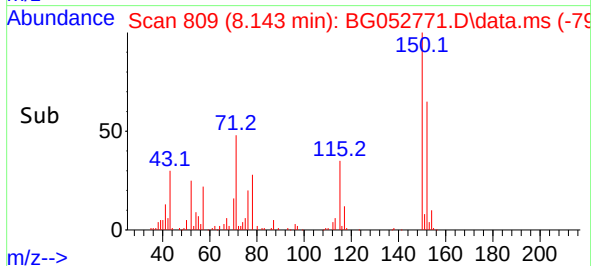
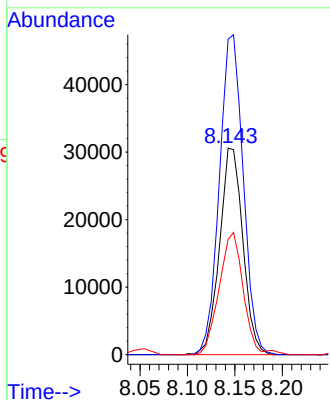
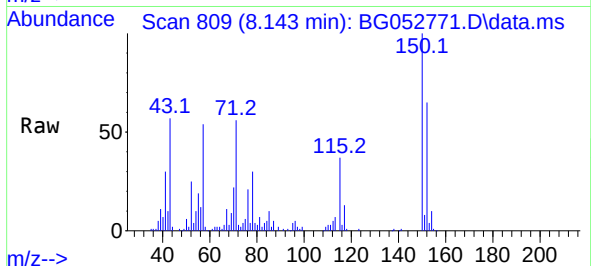




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.143 min Scan# 809
Delta R.T. -0.017 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

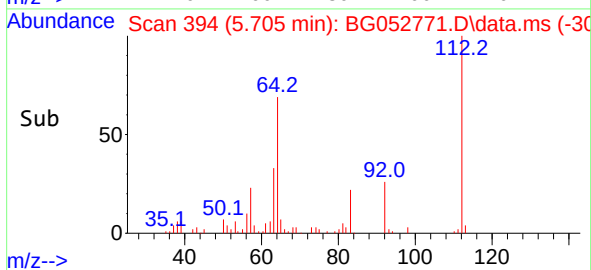
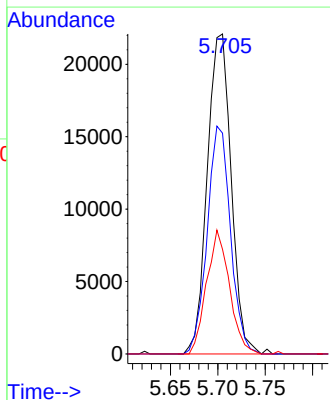
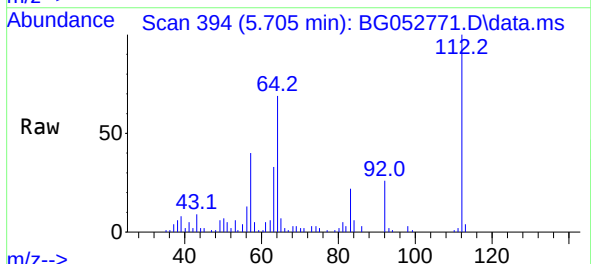
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

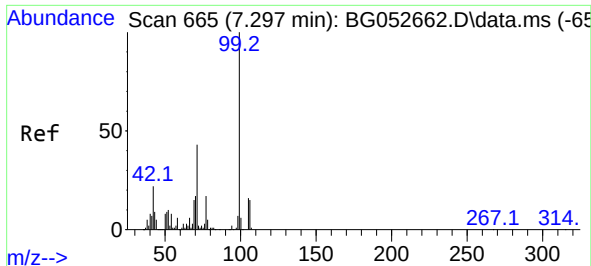
Tgt Ion:152 Resp: 52372
Ion Ratio Lower Upper
152 100
150 152.7 114.6 172.0
115 55.9 45.9 68.9



#5
2-Fluorophenol
Concen: 12.918 ng
RT: 5.705 min Scan# 394
Delta R.T. -0.006 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion:112 Resp: 38849
Ion Ratio Lower Upper
112 100
64 69.0 48.0 72.0
63 32.7 26.5 39.7

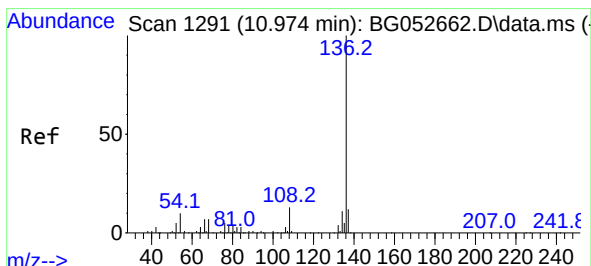
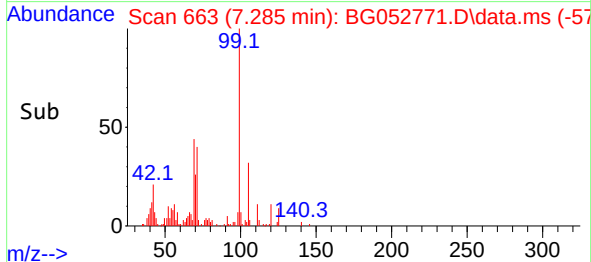
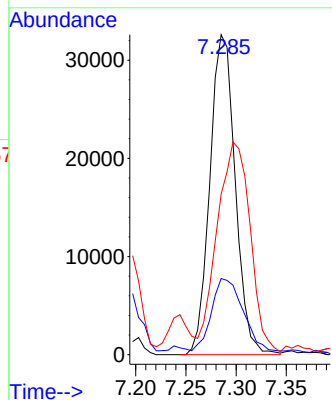
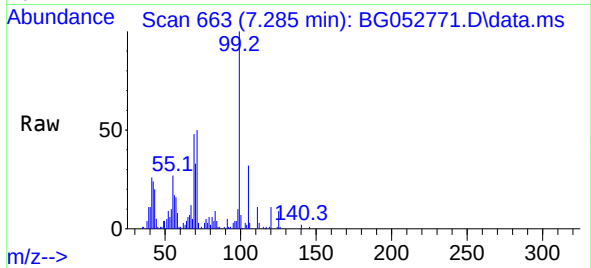




#7
Phenol-d6
Concen: 12.647 ng
RT: 7.285 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

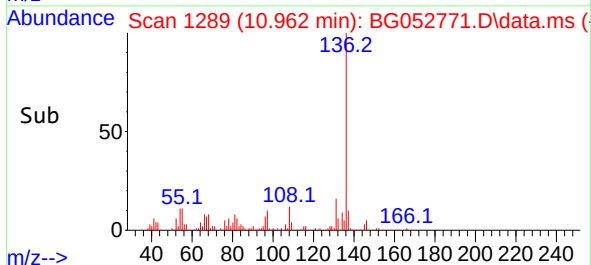
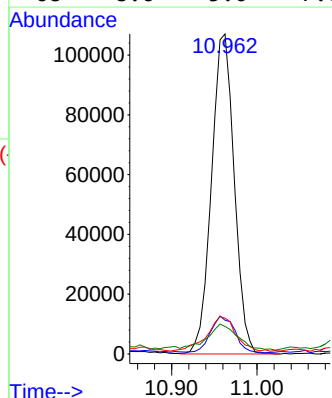
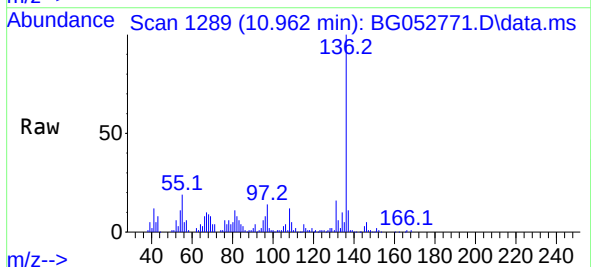
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

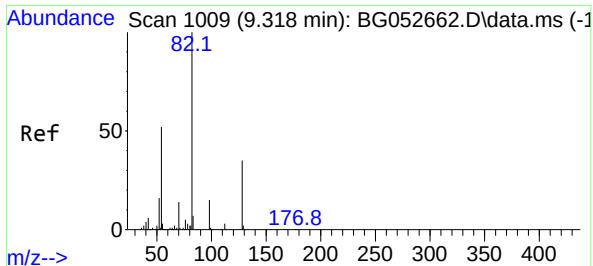
Tgt Ion: 99 Resp: 57339
Ion Ratio Lower Upper
99 100
42 23.8 14.7 22.1#
71 50.2 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.962 min Scan# 1289
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion: 136 Resp: 197746
Ion Ratio Lower Upper
136 100
137 10.6 9.4 14.2
54 11.2 6.4 9.6#
68 8.6 5.0 7.6#

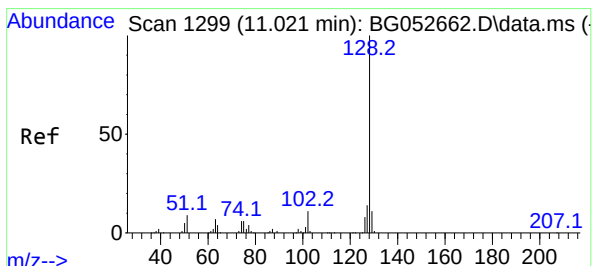
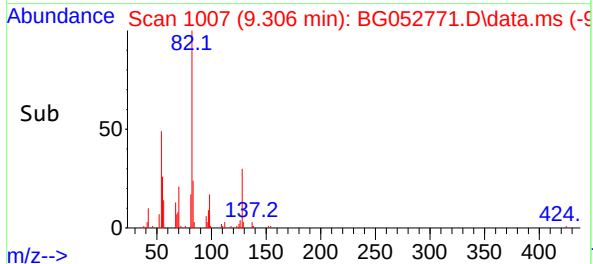
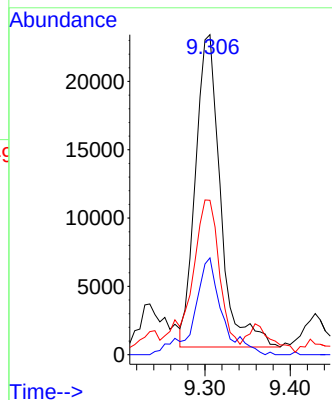
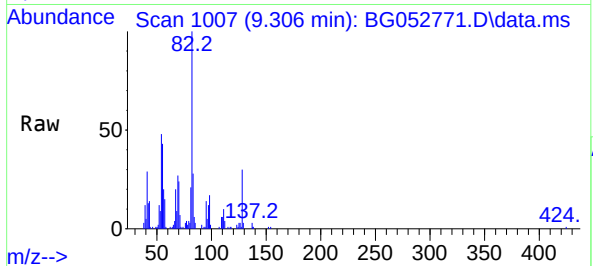




#23
Nitrobenzene-d5
Concen: 11.854 ng
RT: 9.306 min Scan# 1009
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

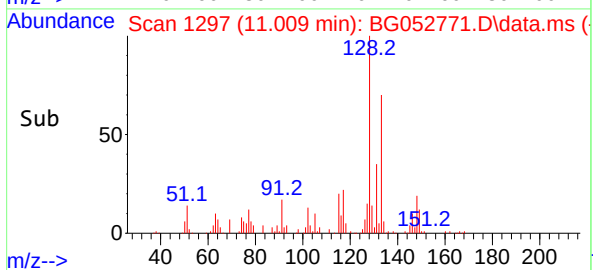
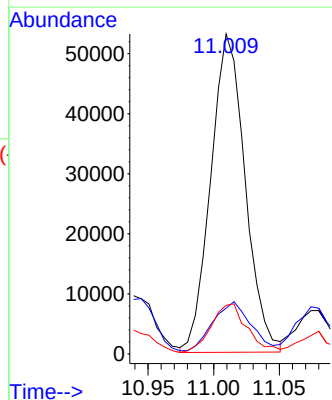
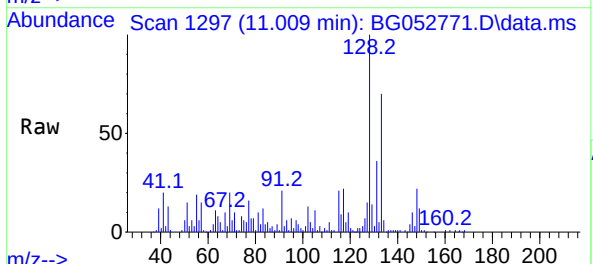
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

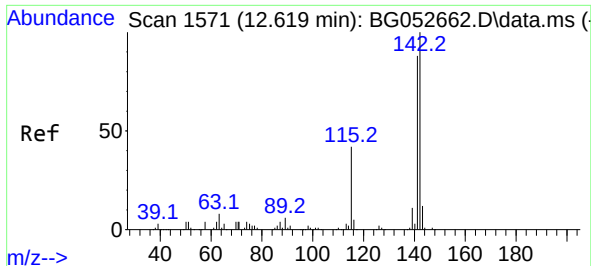
Tgt Ion: 82 Resp: 46704
Ion Ratio Lower Upper
82 100
128 30.3 31.3 46.9#
54 48.2 37.8 56.8



#31
Naphthalene
Concen: 9.468 ng
RT: 11.009 min Scan# 1297
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion: 128 Resp: 96816
Ion Ratio Lower Upper
128 100
129 14.3 8.8 13.2#
127 15.2 10.5 15.7





#37

2-Methylnaphthalene

Concen: 54.389 ng

RT: 12.607 min Scan# 11

Delta R.T. -0.012 min

Lab File: BG052771.D

Acq: 21 Mar 2022 17:10

Instrument :

BNA_G

ClientSampleId :

PPSP-B17-23.5-24.0

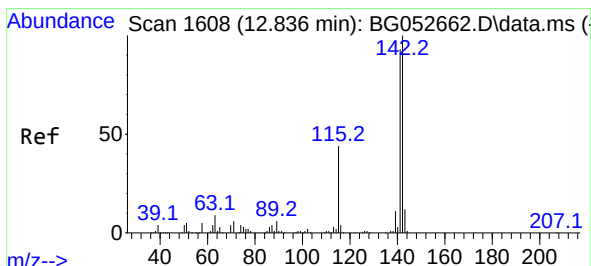
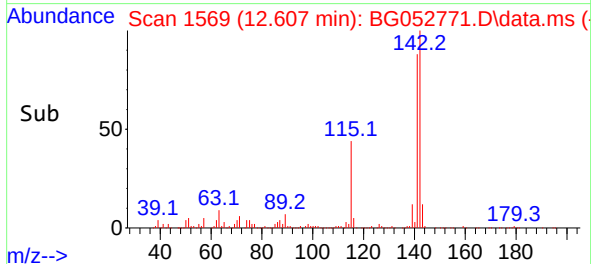
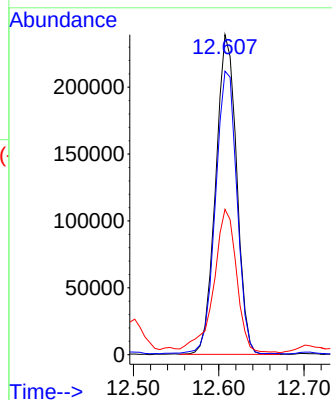
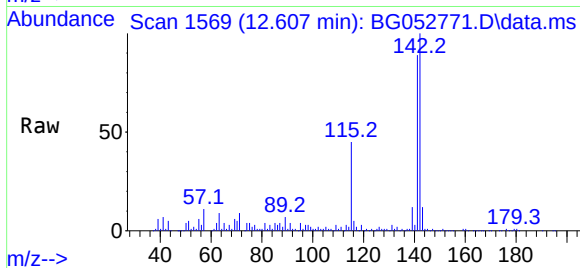
Tgt Ion:142 Resp: 407305

Ion Ratio Lower Upper

142 100

141 88.6 71.3 106.9

115 45.4 29.5 44.3#



#38

1-Methylnaphthalene

Concen: 42.485 ng

RT: 12.825 min Scan# 1606

Delta R.T. -0.012 min

Lab File: BG052771.D

Acq: 21 Mar 2022 17:10

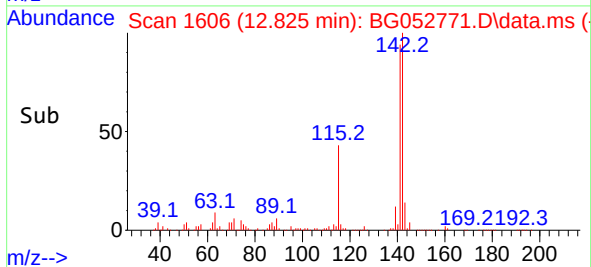
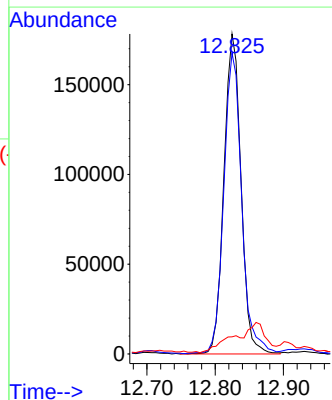
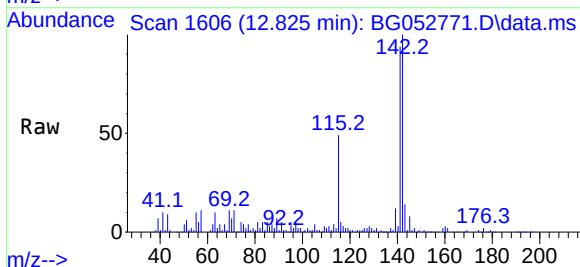
Tgt Ion:142 Resp: 310509

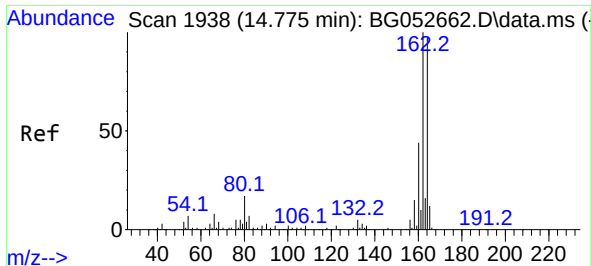
Ion Ratio Lower Upper

142 100

141 94.0 70.5 105.7

116 5.3 3.1 4.7#

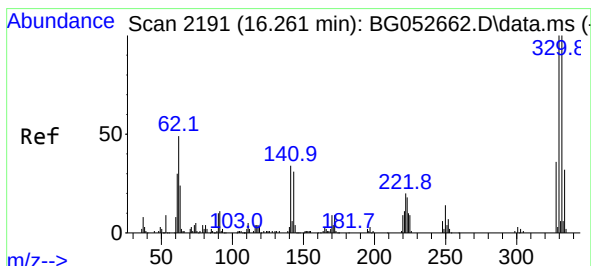
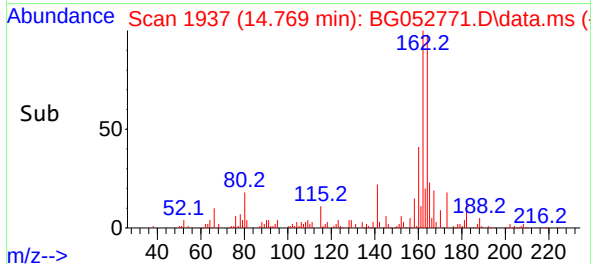
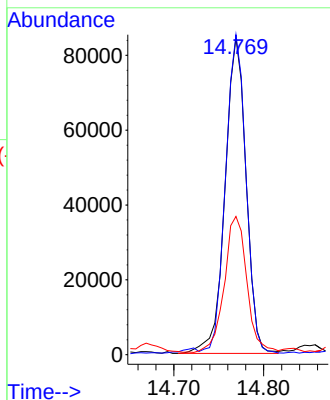
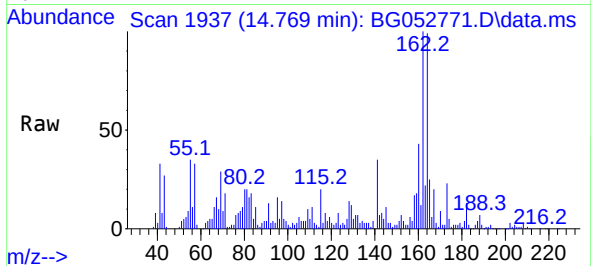




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.769 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

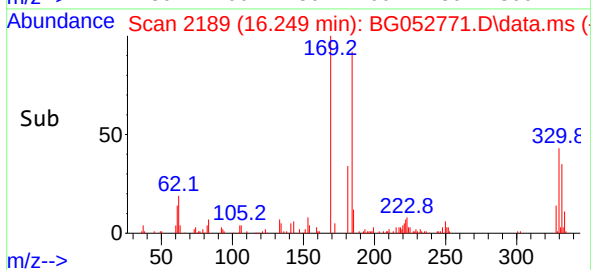
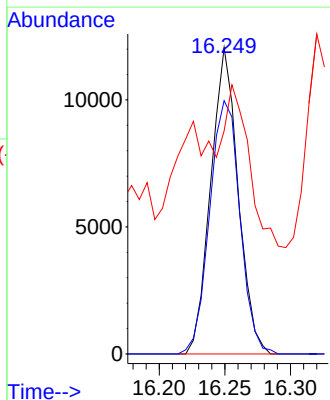
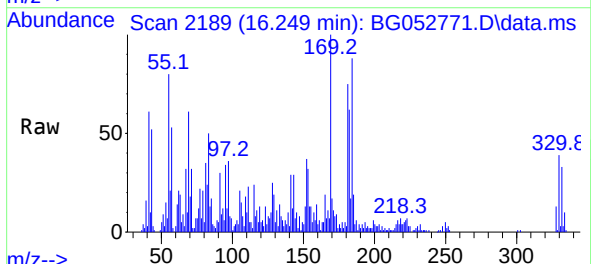
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

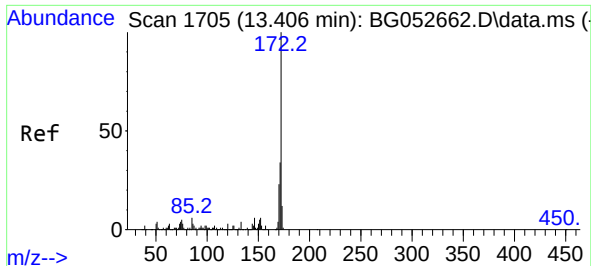
Tgt Ion:164 Resp: 137284
Ion Ratio Lower Upper
164 100
162 101.1 80.0 120.0
160 43.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 9.478 ng
RT: 16.249 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion:330 Resp: 17484
Ion Ratio Lower Upper
330 100
332 91.3 75.8 113.6
141 48.0 24.6 36.8#

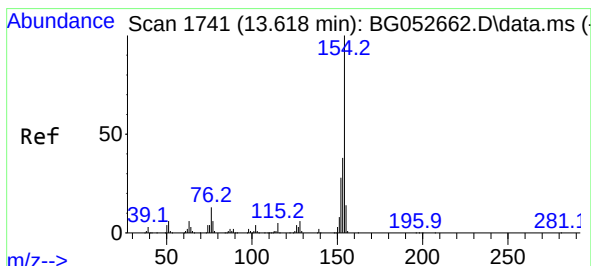
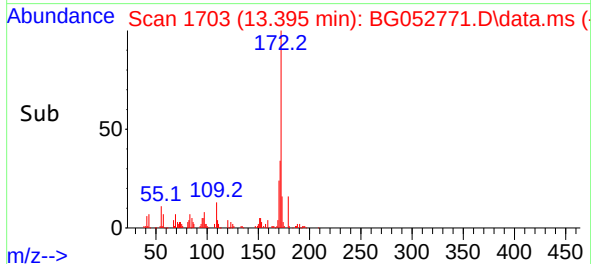
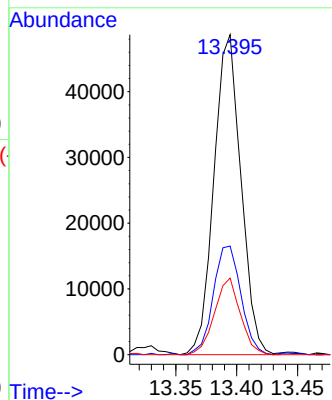
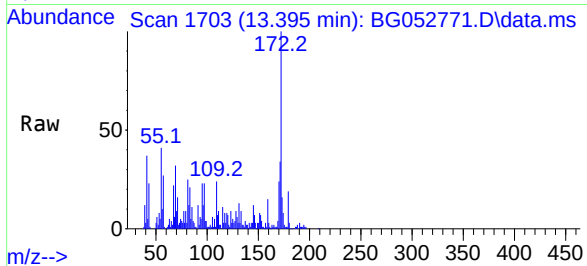




#45
2-Fluorobiphenyl
Concen: 8.064 ng
RT: 13.395 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

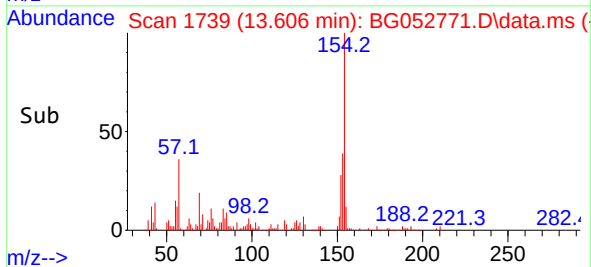
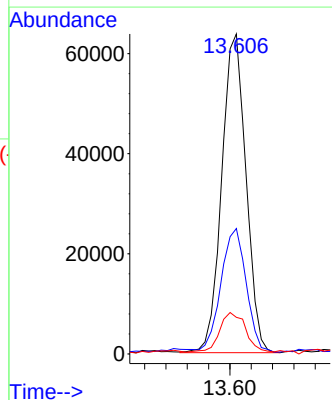
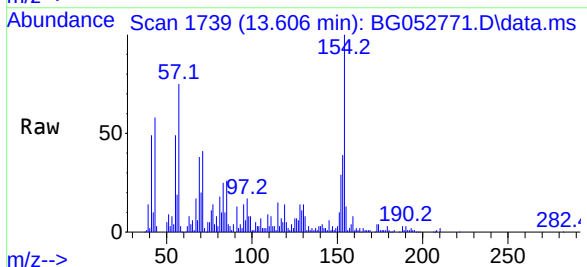
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

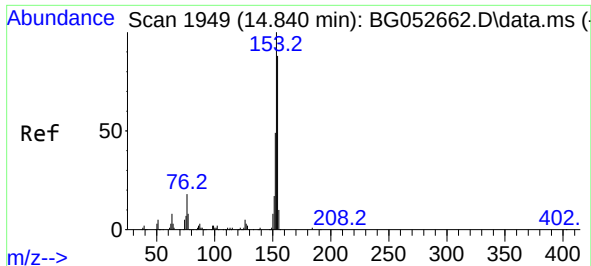
Tgt Ion:172 Resp: 75065
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 23.9 18.0 27.0



#46
1,1'-Biphenyl
Concen: 10.470 ng
RT: 13.606 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion:154 Resp: 100517
Ion Ratio Lower Upper
154 100
153 39.2 21.6 61.6
76 11.5 0.0 31.5

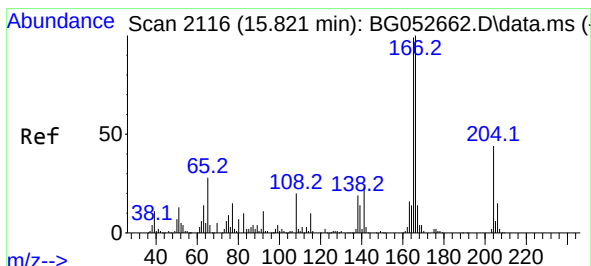
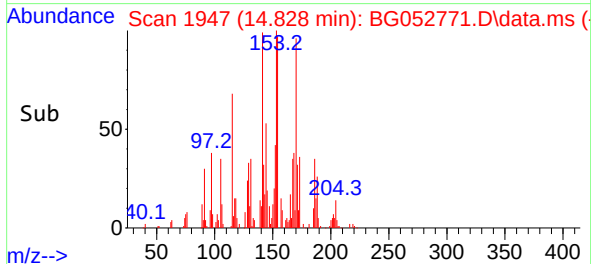
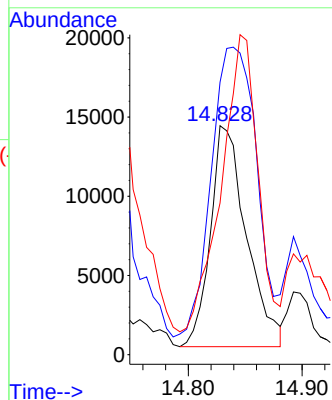
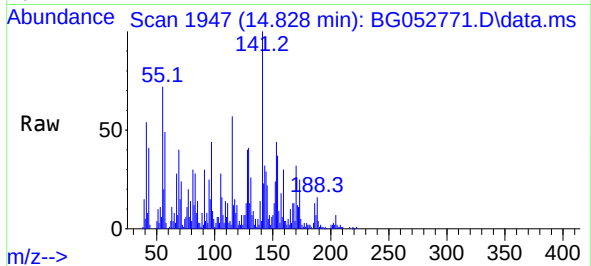




#52
Acenaphthene
Concen: 3.967 ng
RT: 14.828 min Scan# 1947
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

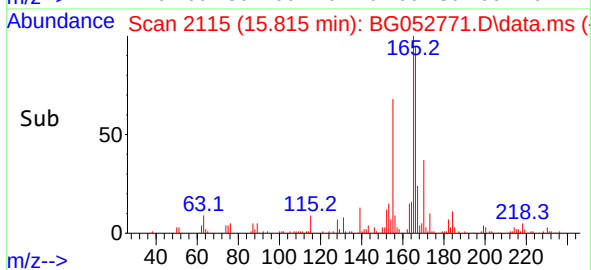
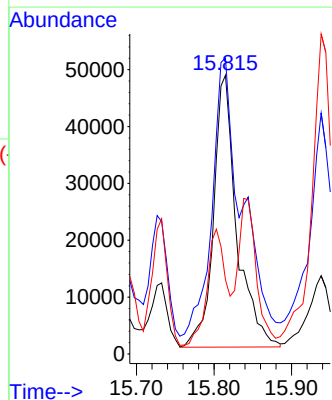
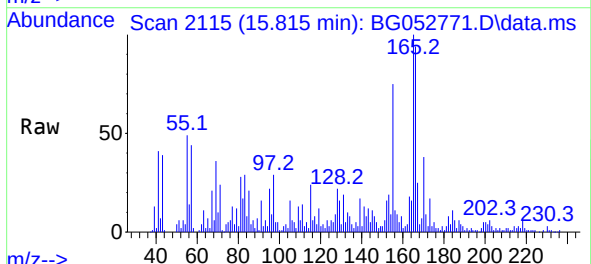
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

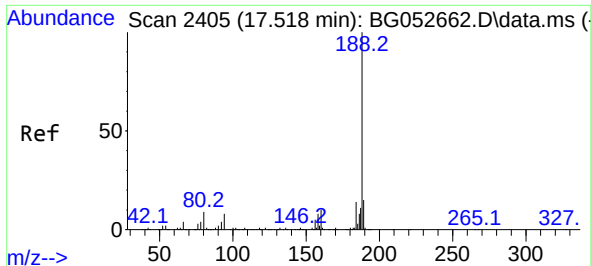
Tgt Ion:154 Resp: 30630
Ion Ratio Lower Upper
154 100
153 119.0 89.0 133.4
152 66.2 40.5 60.7#



#58
Fluorene
Concen: 9.730 ng
RT: 15.815 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion:166 Resp: 100006
Ion Ratio Lower Upper
166 100
165 106.2 78.6 117.8
167 26.6 10.9 16.3#

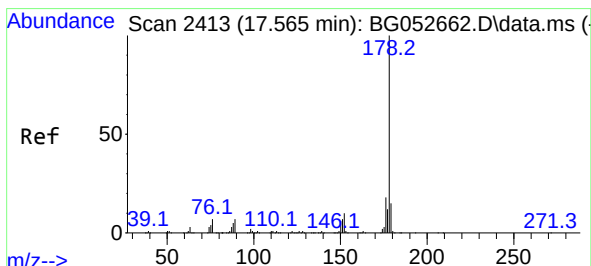
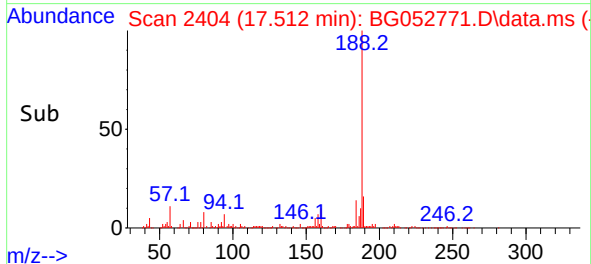
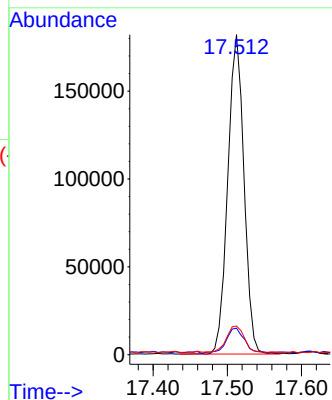
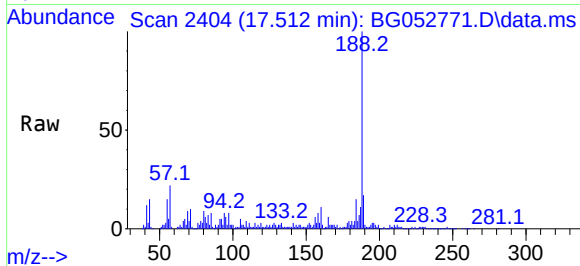




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.512 min Scan# 2404
Delta R.T. -0.006 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

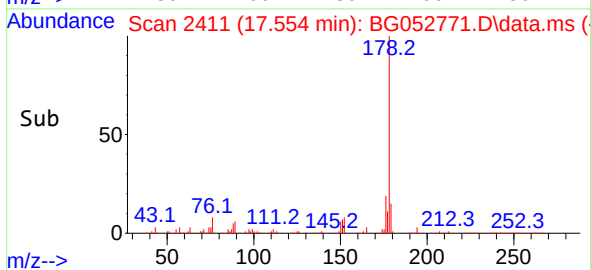
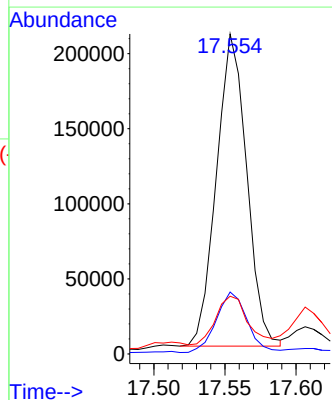
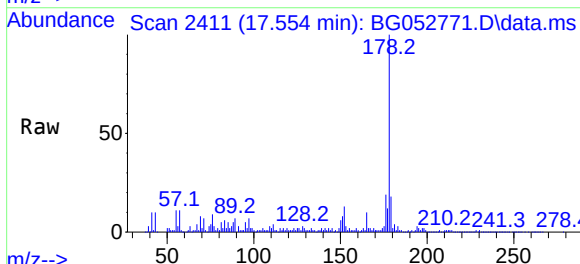
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

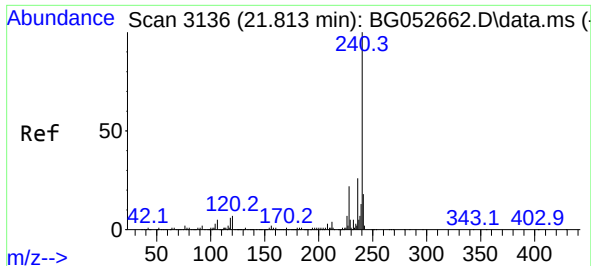
Tgt Ion:188 Resp: 275096
Ion Ratio Lower Upper
188 100
94 8.3 5.7 8.5
80 9.0 7.2 10.8



#71
Phenanthrene
Concen: 20.924 ng
RT: 17.554 min Scan# 2411
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion:178 Resp: 307933
Ion Ratio Lower Upper
178 100
176 19.3 15.9 23.9
179 18.0 13.4 20.2

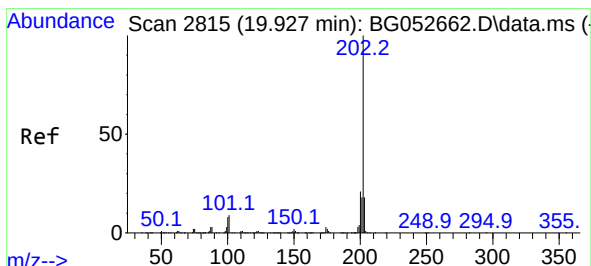
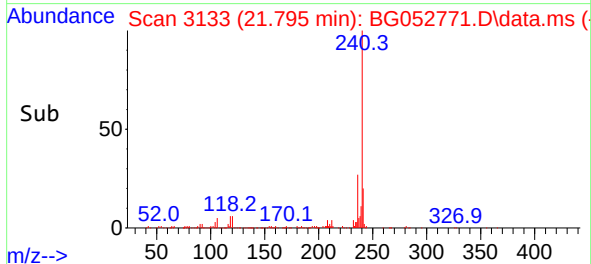
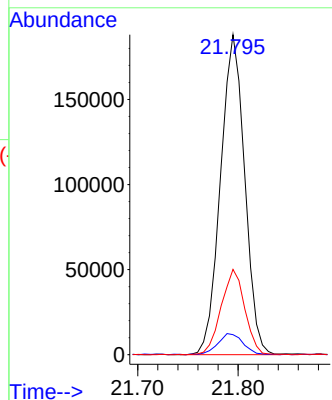
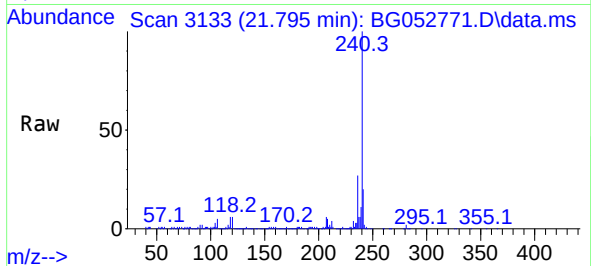




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.795 min Scan# 31
Delta R.T. -0.018 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

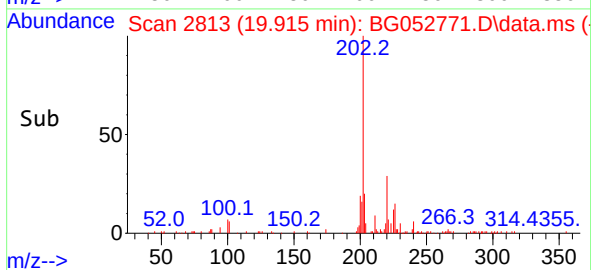
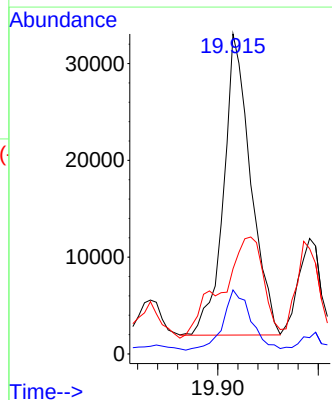
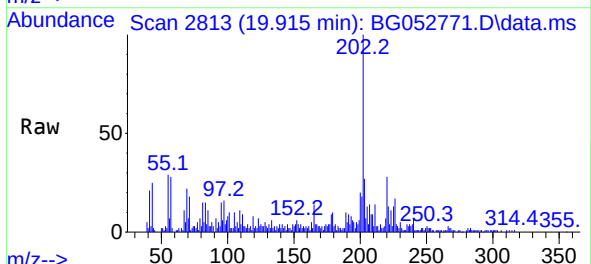
Instrument :
BNA_G
ClientSampleId :
PPSP-B17-23.5-24.0

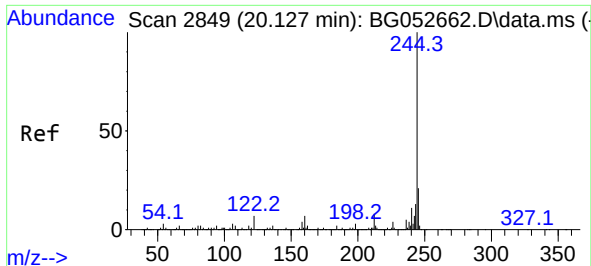
Tgt Ion:240 Resp: 314474
Ion Ratio Lower Upper
240 100
120 6.2 5.4 8.0
236 26.6 19.8 29.6



#78
Pyrene
Concen: 2.680 ng
RT: 19.915 min Scan# 2813
Delta R.T. -0.012 min
Lab File: BG052771.D
Acq: 21 Mar 2022 17:10

Tgt Ion:202 Resp: 58470
Ion Ratio Lower Upper
202 100
200 20.0 17.0 25.6
203 26.6 15.0 22.6#

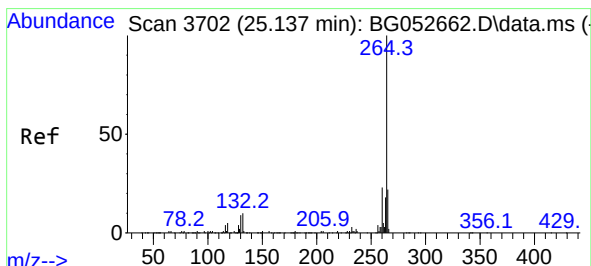
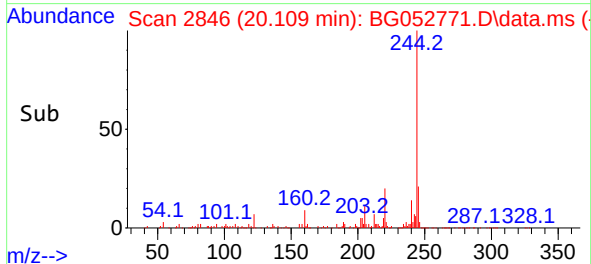
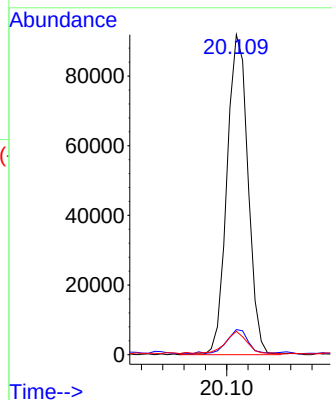
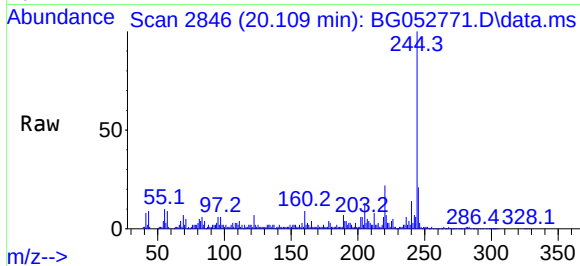




#79
 Terphenyl-d14
 Concen: 7.096 ng
 RT: 20.109 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG052771.D
 Acq: 21 Mar 2022 17:10

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B17-23.5-24.0

Tgt Ion:244 Resp: 125452
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 7.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.108 min Scan# 3697
 Delta R.T. -0.029 min
 Lab File: BG052771.D
 Acq: 21 Mar 2022 17:10

Tgt Ion:264 Resp: 356482
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 22.0 15.1 22.7

