

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052775.D
 Acq On : 21 Mar 2022 19:46
 Operator : CG/JU
 Sample : N1709-07 20X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B13-25.5-26.0

Quant Time: Mar 22 02:54:58 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)

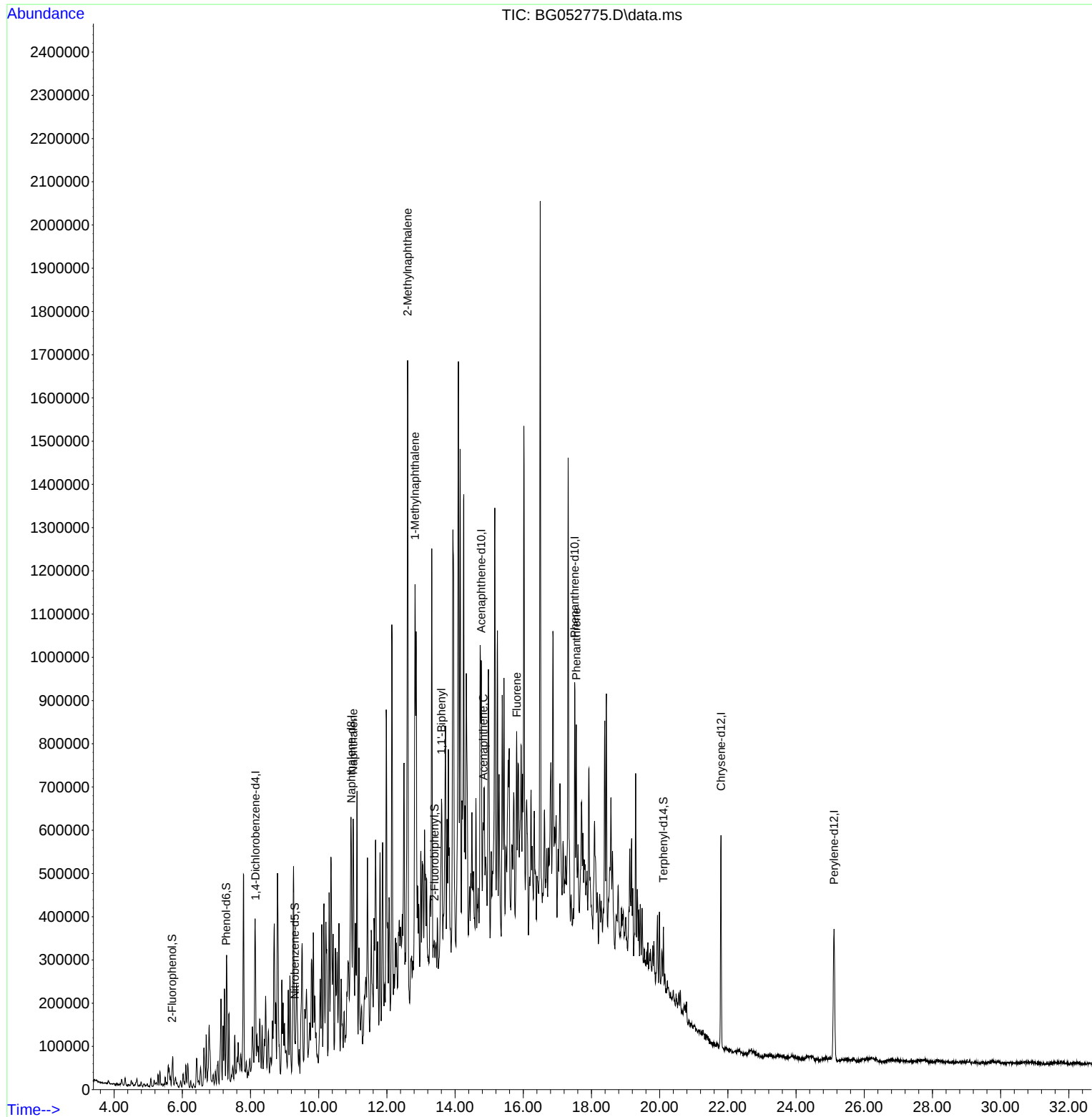
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	59888	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	227770	20.000	ng	#-0.01
39) Acenaphthene-d10	14.772	164	151251	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	293507	20.000	ng	0.00
76) Chrysene-d12	21.798	240	309655	20.000	ng	-0.01
86) Perylene-d12	25.117	264	343929	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	12950	3.766	ng	0.00
7) Phenol-d6	7.288	99	19752	3.810	ng	0.00
23) Nitrobenzene-d5	9.303	82	19448	4.285	ng	-0.01
42) 2,4,6-Tribromophenol	16.246	330	3999	1.968	ng	-0.01
45) 2-Fluorobiphenyl	13.397	172	30207	2.945	ng	0.00
79) Terphenyl-d14	20.112	244	46466	2.669	ng	-0.01
Target Compounds						
						Qvalue
31) Naphthalene	11.012	128	257961	21.901	ng	# 94
37) 2-Methylnaphthalene	12.610	142	703867	81.601	ng	# 94
38) 1-Methylnaphthalene	12.828	142	410966	48.818	ng	# 95
46) 1,1'-Biphenyl	13.603	154	119895	11.335	ng	99
52) Acenaphthene	14.831	154	29212	3.434	ng	# 77
58) Fluorene	15.812	166	93908	8.293	ng	# 88
71) Phenanthrene	17.556	178	267899	17.062	ng	99

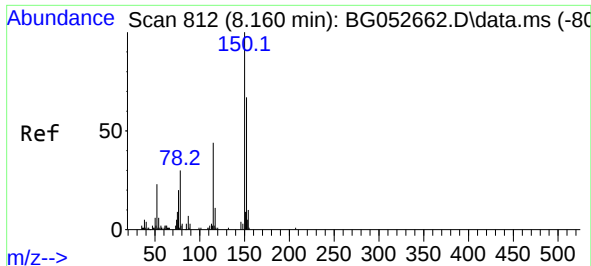
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
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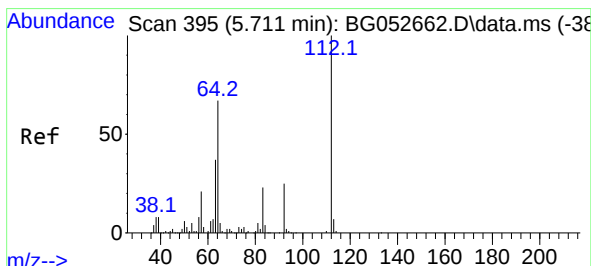
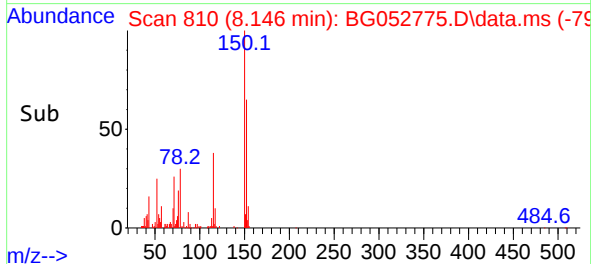
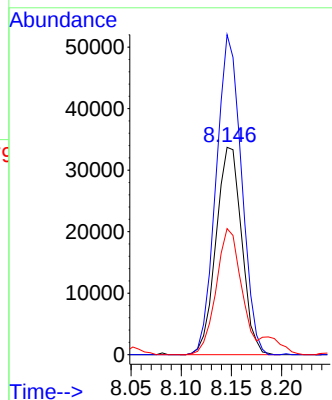
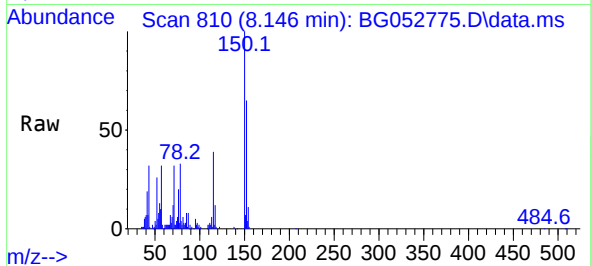




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 81
Delta R.T. -0.014 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

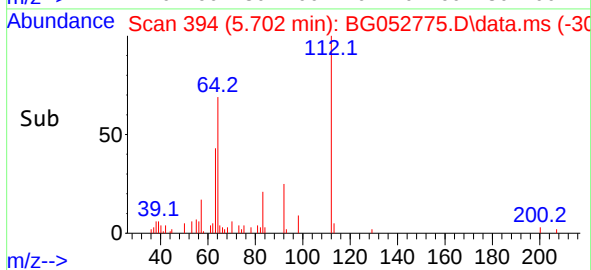
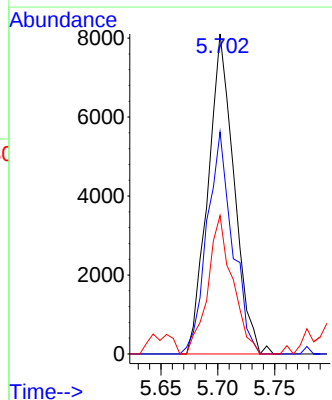
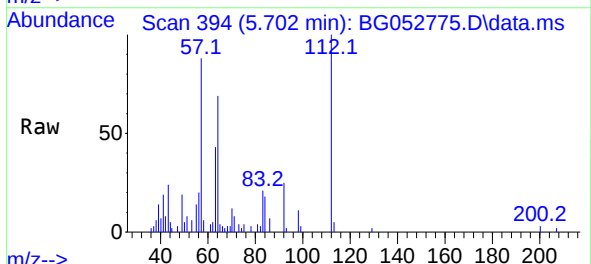
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

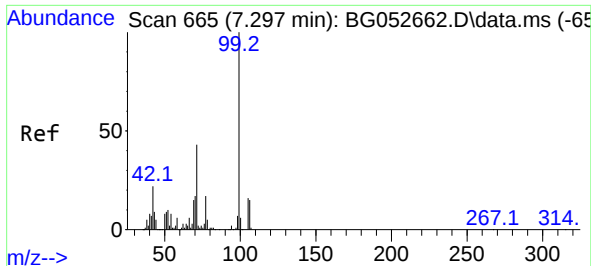
Tgt Ion:152 Resp: 59888
Ion Ratio Lower Upper
152 100
150 154.3 114.6 172.0
115 60.8 45.9 68.9



#5
2-Fluorophenol
Concen: 3.766 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:112 Resp: 12950
Ion Ratio Lower Upper
112 100
64 69.4 48.0 72.0
63 43.3 26.5 39.7#

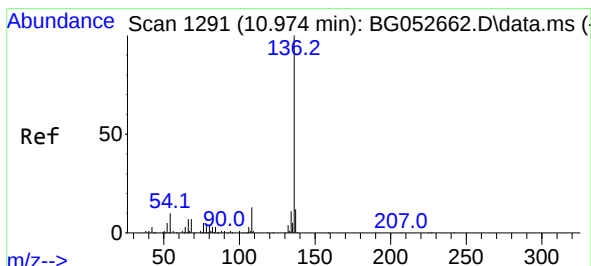
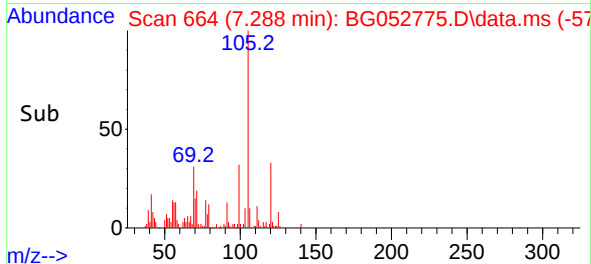
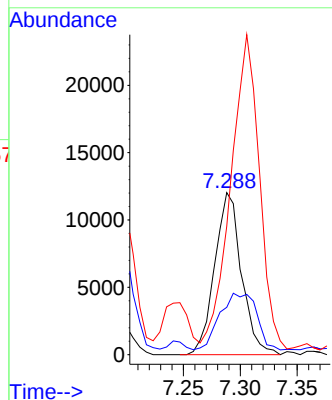
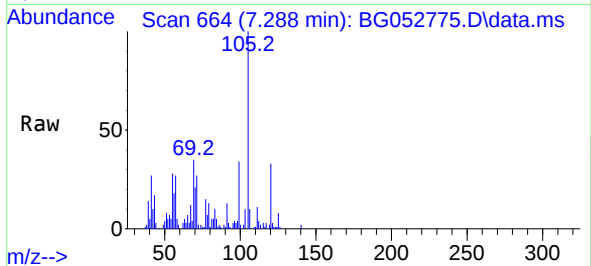




#7
Phenol-d6
Concen: 3.810 ng
RT: 7.288 min Scan# 61
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

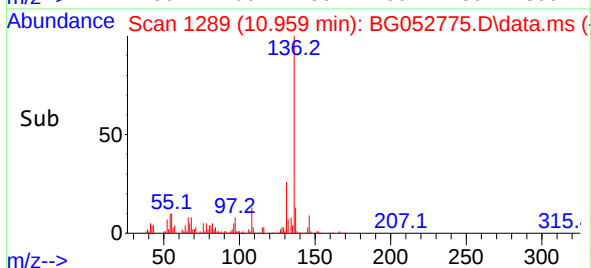
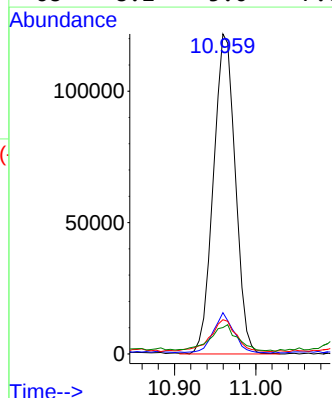
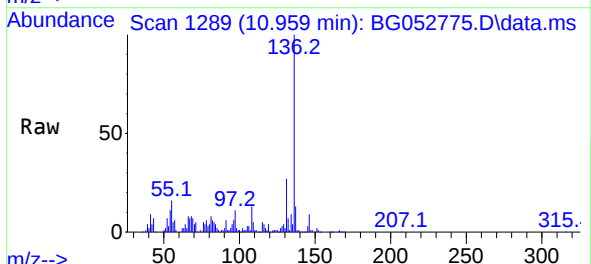
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

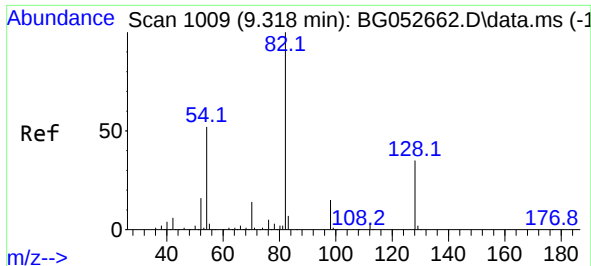
Tgt Ion: 99 Resp: 19752
Ion Ratio Lower Upper
99 100
42 29.2 14.7 22.1#
71 79.3 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 1289
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:136 Resp: 227770
Ion Ratio Lower Upper
136 100
137 12.9 9.4 14.2
54 10.7 6.4 9.6#
68 8.2 5.0 7.6#

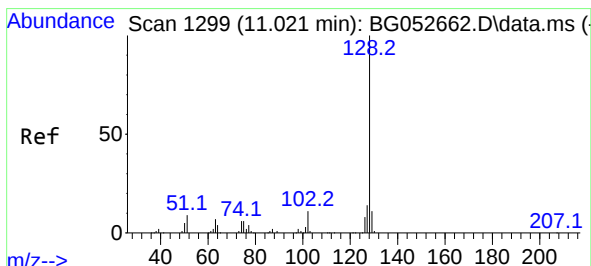
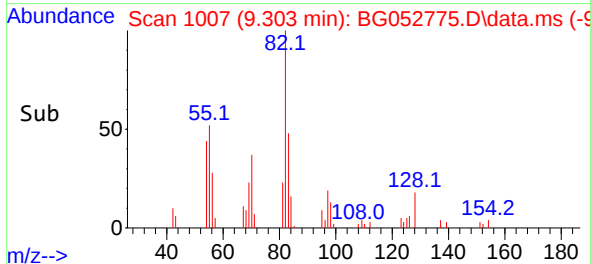
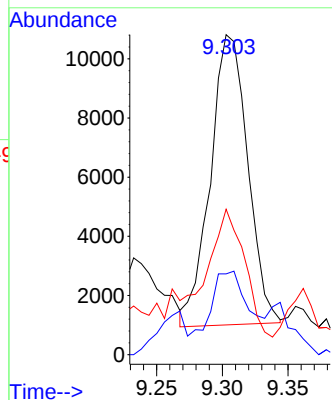
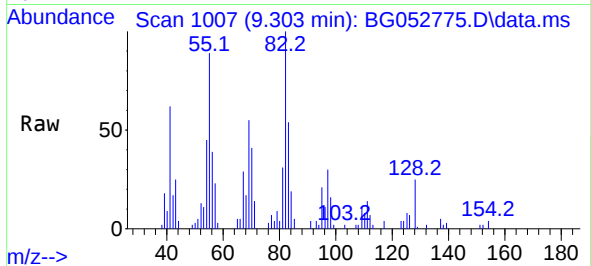




#23
Nitrobenzene-d5
Concen: 4.285 ng
RT: 9.303 min Scan# 1009
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

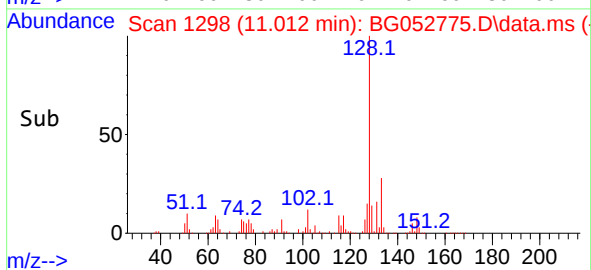
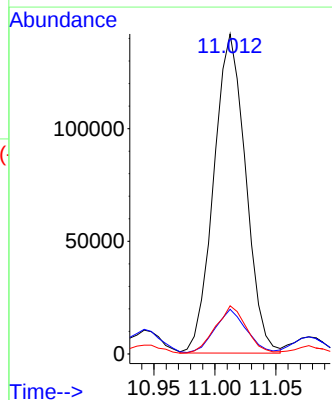
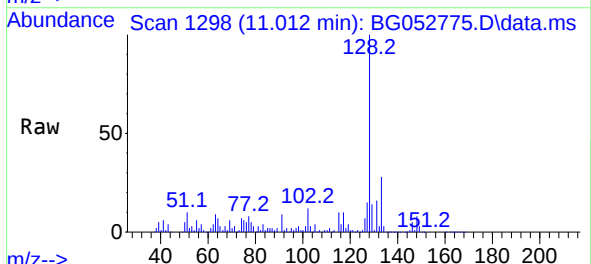
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

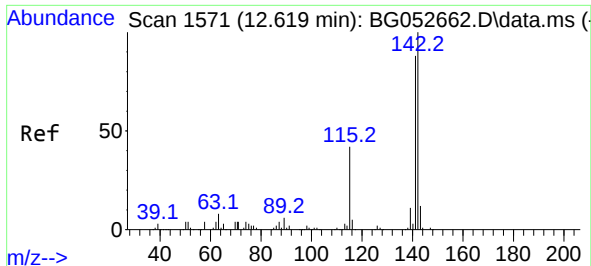
Tgt Ion: 82 Resp: 19448
Ion Ratio Lower Upper
82 100
128 25.2 31.3 46.9#
54 45.4 37.8 56.8



#31
Naphthalene
Concen: 21.901 ng
RT: 11.012 min Scan# 1298
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:128 Resp: 257961
Ion Ratio Lower Upper
128 100
129 14.0 8.8 13.2#
127 15.1 10.5 15.7





#37

2-Methylnaphthalene

Concen: 81.601 ng

RT: 12.610 min Scan# 11

Delta R.T. -0.009 min

Lab File: BG052775.D

Acq: 21 Mar 2022 19:46

Instrument :

BNA_G

ClientSampleId :

PPSP-B13-25.5-26.0

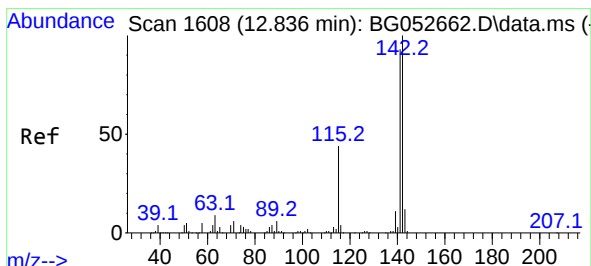
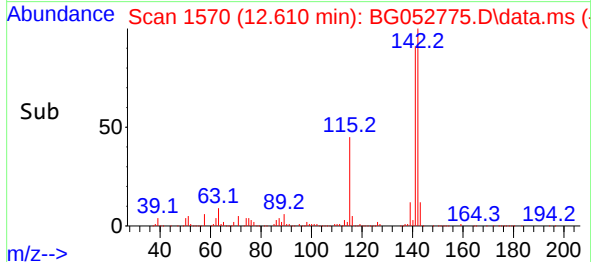
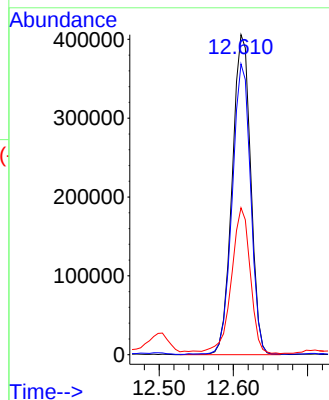
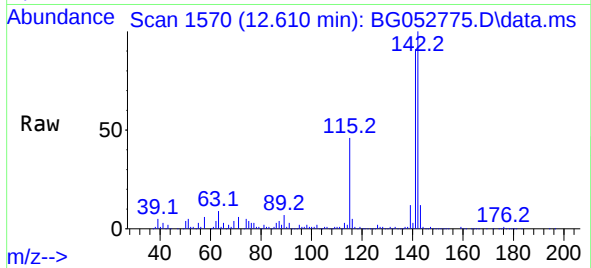
Tgt Ion:142 Resp: 703867

Ion Ratio Lower Upper

142 100

141 90.8 71.3 106.9

115 45.9 29.5 44.3#



#38

1-Methylnaphthalene

Concen: 48.818 ng

RT: 12.828 min Scan# 1607

Delta R.T. -0.009 min

Lab File: BG052775.D

Acq: 21 Mar 2022 19:46

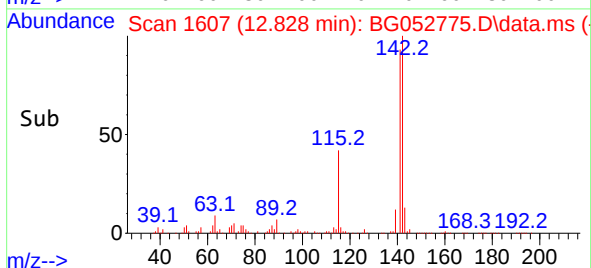
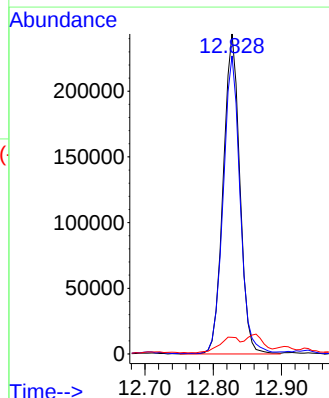
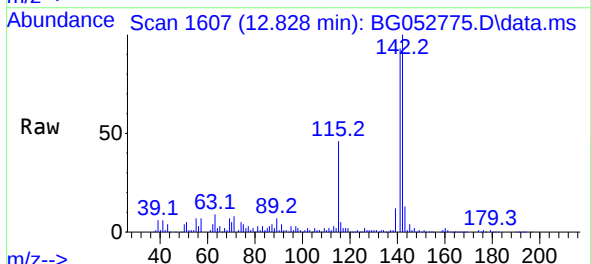
Tgt Ion:142 Resp: 410966

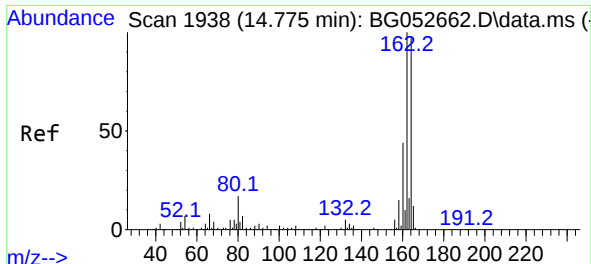
Ion Ratio Lower Upper

142 100

141 93.2 70.5 105.7

116 5.2 3.1 4.7#

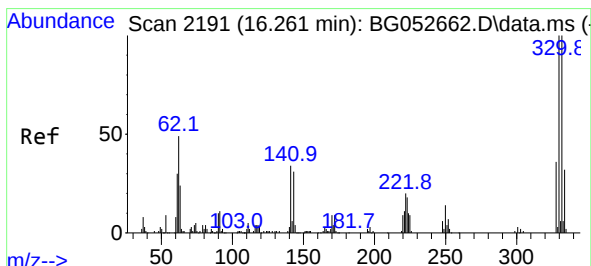
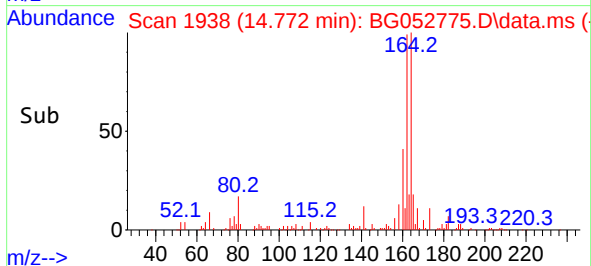
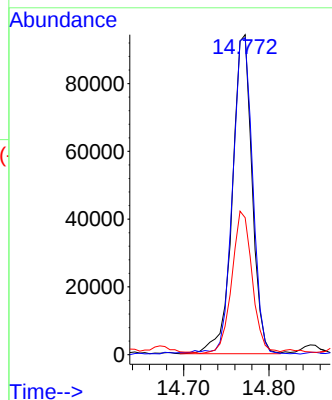
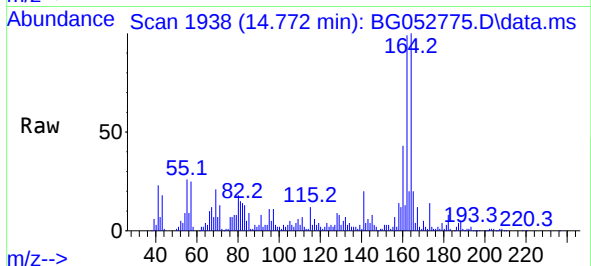




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

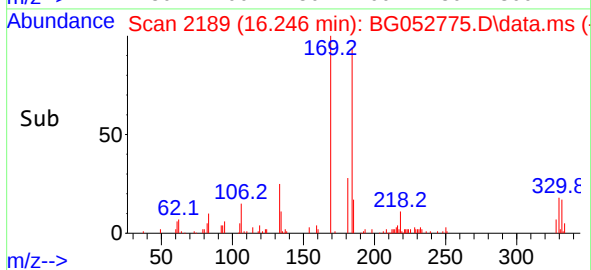
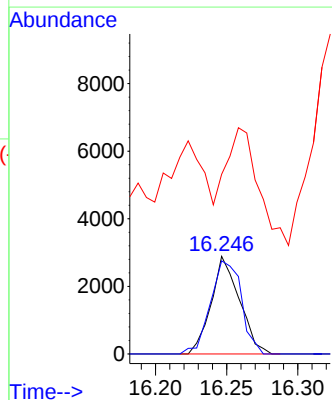
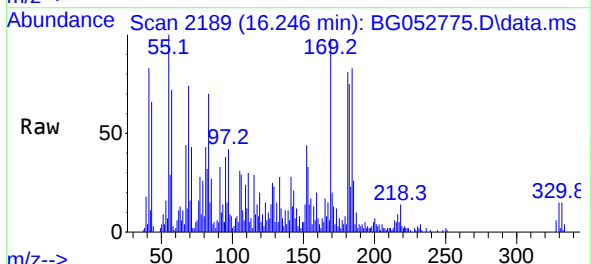
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

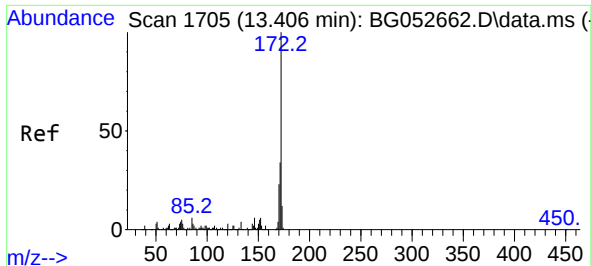
Tgt Ion:164 Resp: 151251
Ion Ratio Lower Upper
164 100
162 99.1 80.0 120.0
160 42.8 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 1.968 ng
RT: 16.246 min Scan# 2189
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:330 Resp: 3999
Ion Ratio Lower Upper
330 100
332 103.5 75.8 113.6
141 139.8 24.6 36.8#

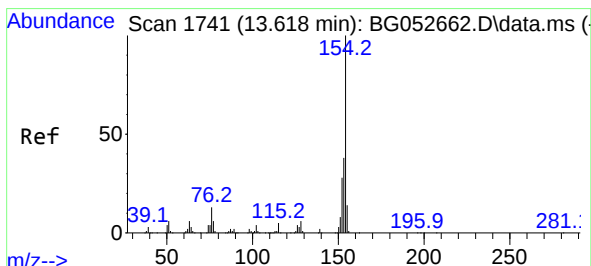
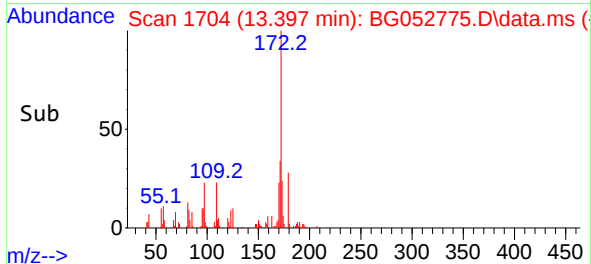
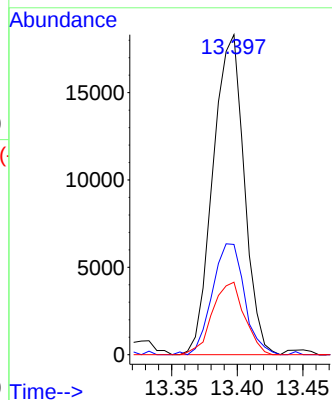
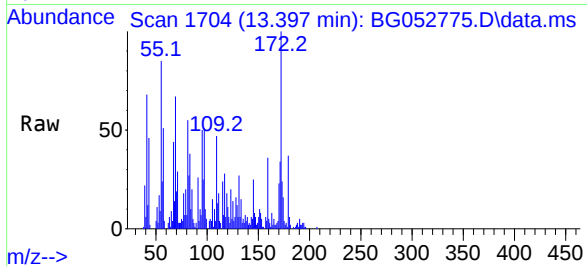




#45
2-Fluorobiphenyl
Concen: 2.945 ng
RT: 13.397 min Scan# 1704
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

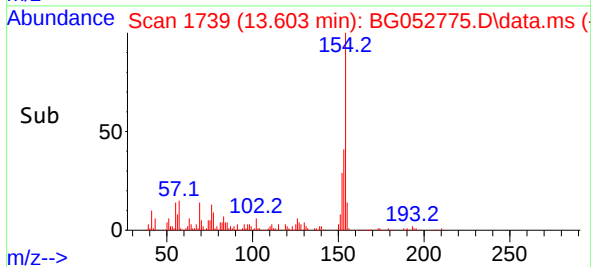
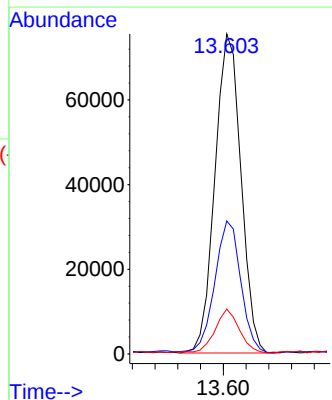
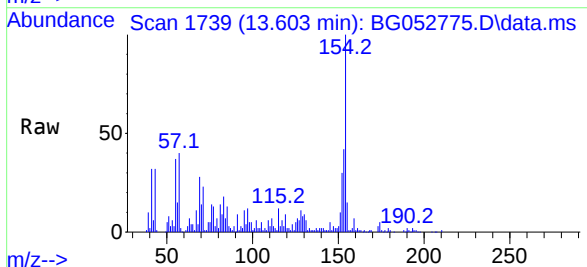
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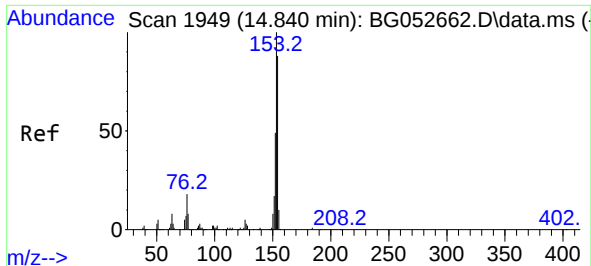
Tgt Ion:172 Resp: 30207
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.7 18.0 27.0



#46
1,1'-Biphenyl
Concen: 11.335 ng
RT: 13.603 min Scan# 1739
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:154 Resp: 119895
Ion Ratio Lower Upper
154 100
153 41.6 21.6 61.6
76 14.0 0.0 31.5

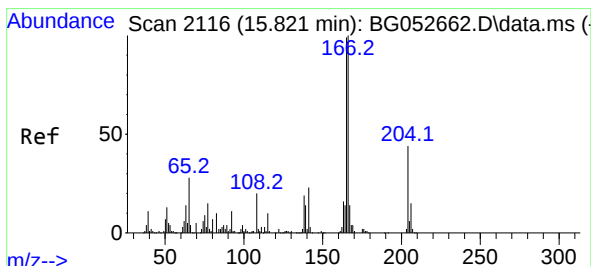
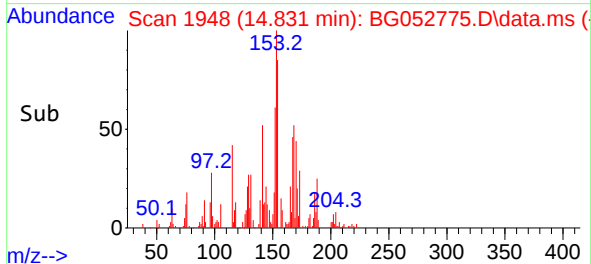
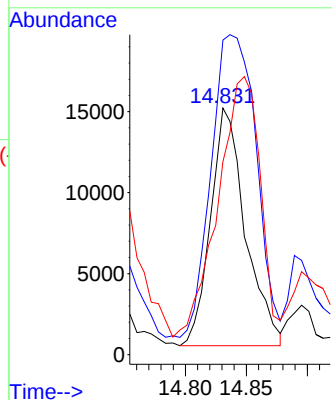
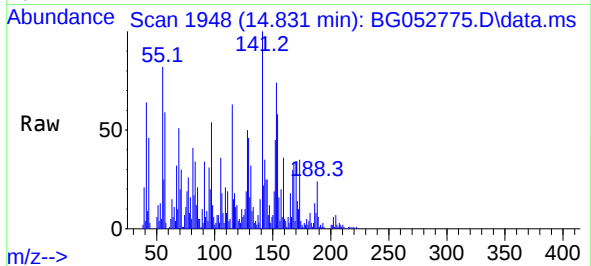




#52
Acenaphthene
Concen: 3.434 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

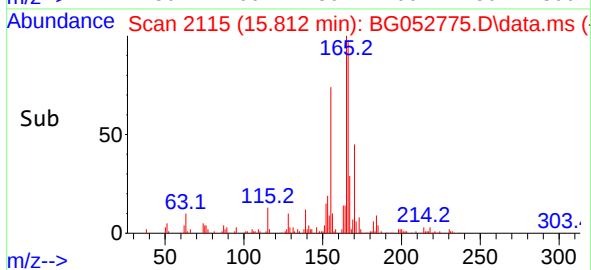
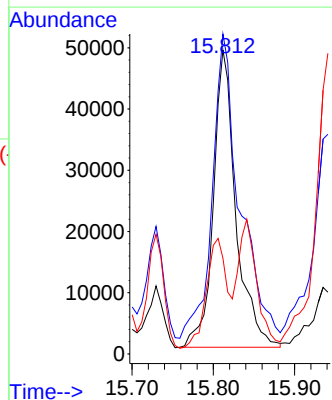
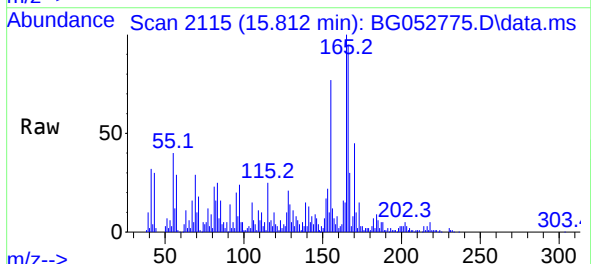
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

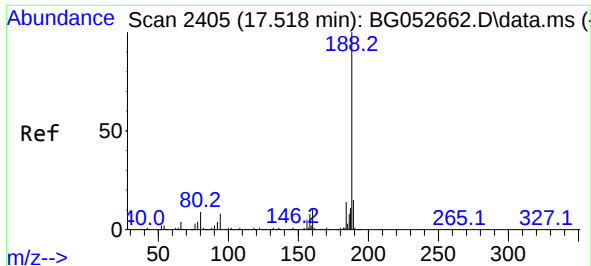
Tgt Ion:154 Resp: 29212
Ion Ratio Lower Upper
154 100
153 127.6 89.0 133.4
152 78.3 40.5 60.7#



#58
Fluorene
Concen: 8.293 ng
RT: 15.812 min Scan# 2115
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:166 Resp: 93908
Ion Ratio Lower Upper
166 100
165 105.3 78.6 117.8
167 31.5 10.9 16.3#

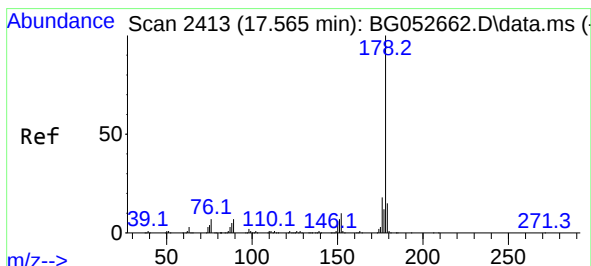
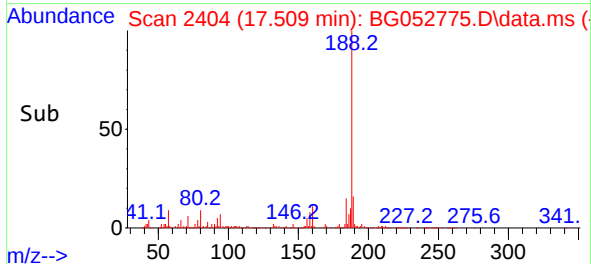
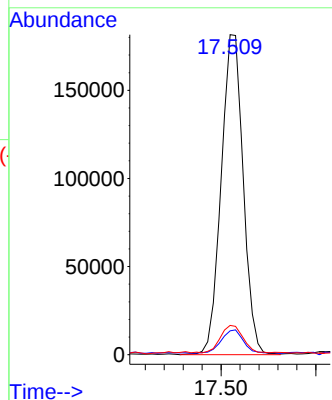
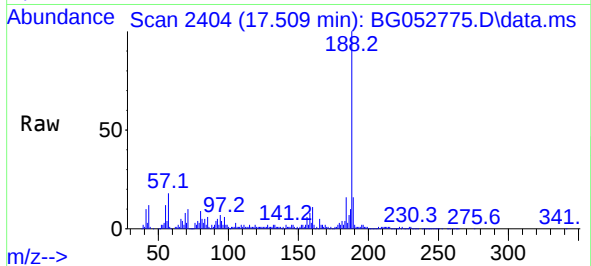




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

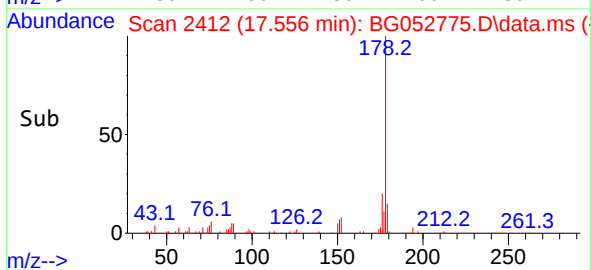
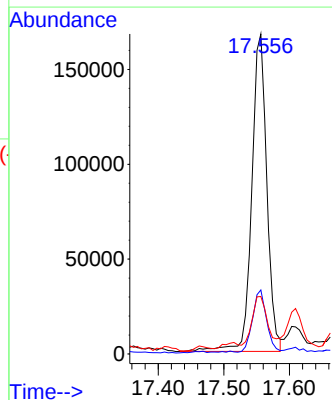
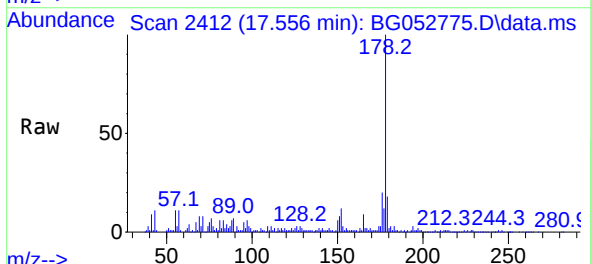
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

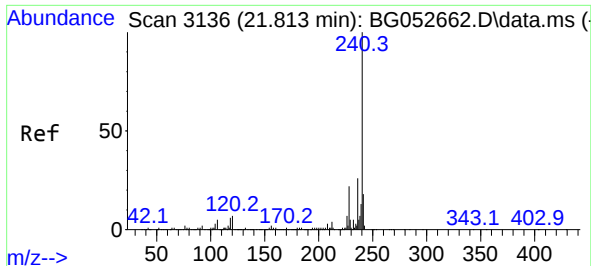
Tgt Ion:188 Resp: 293507
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 9.1 7.2 10.8



#71
Phenanthrene
Concen: 17.062 ng
RT: 17.556 min Scan# 2412
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:178 Resp: 267899
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 18.0 13.4 20.2

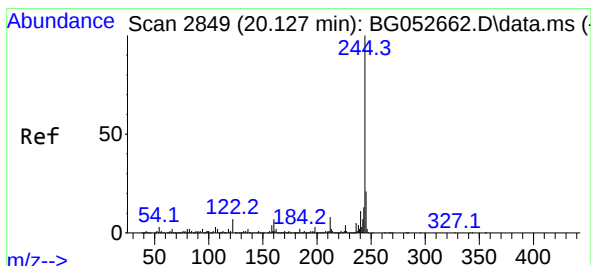
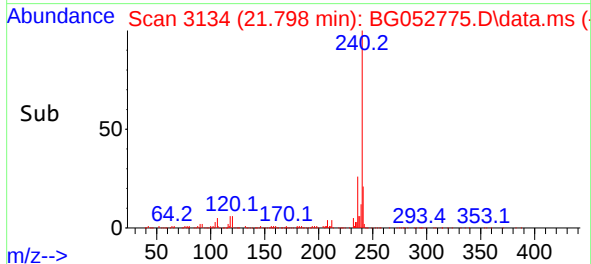
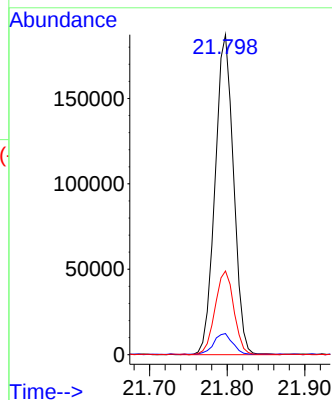
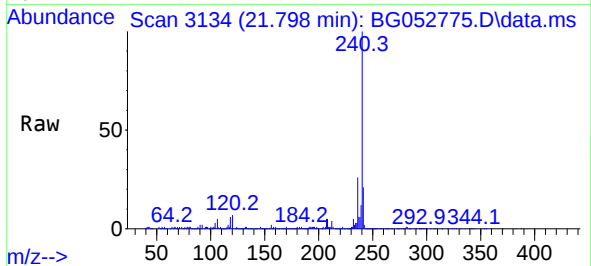




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3136
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

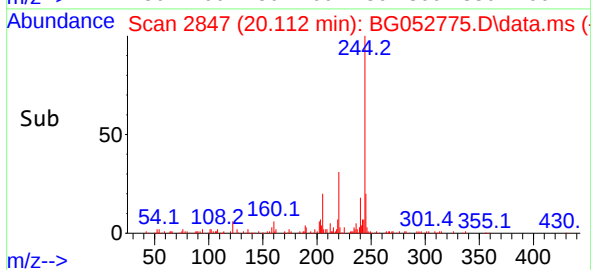
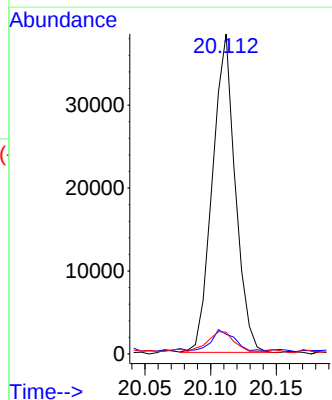
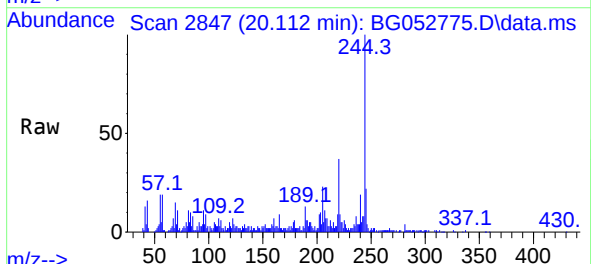
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

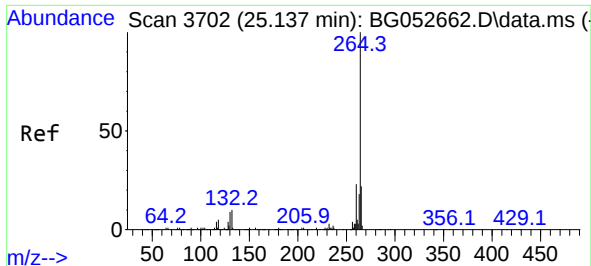
Tgt Ion:240 Resp: 309655
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.2 19.8 29.6



#79
Terphenyl-d14
Concen: 2.669 ng
RT: 20.112 min Scan# 2847
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:244 Resp: 46466
Ion Ratio Lower Upper
244 100
212 6.2 5.4 8.2
122 6.8 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.117 min Scan# 30
 Delta R.T. -0.021 min
 Lab File: BG052775.D
 Acq: 21 Mar 2022 19:46

Instrument :
 BNA_G
 ClientSampleId :
 PPSP-B13-25.5-26.0

Tgt Ion:264 Resp: 343929
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.5 15.1 22.7

