

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)

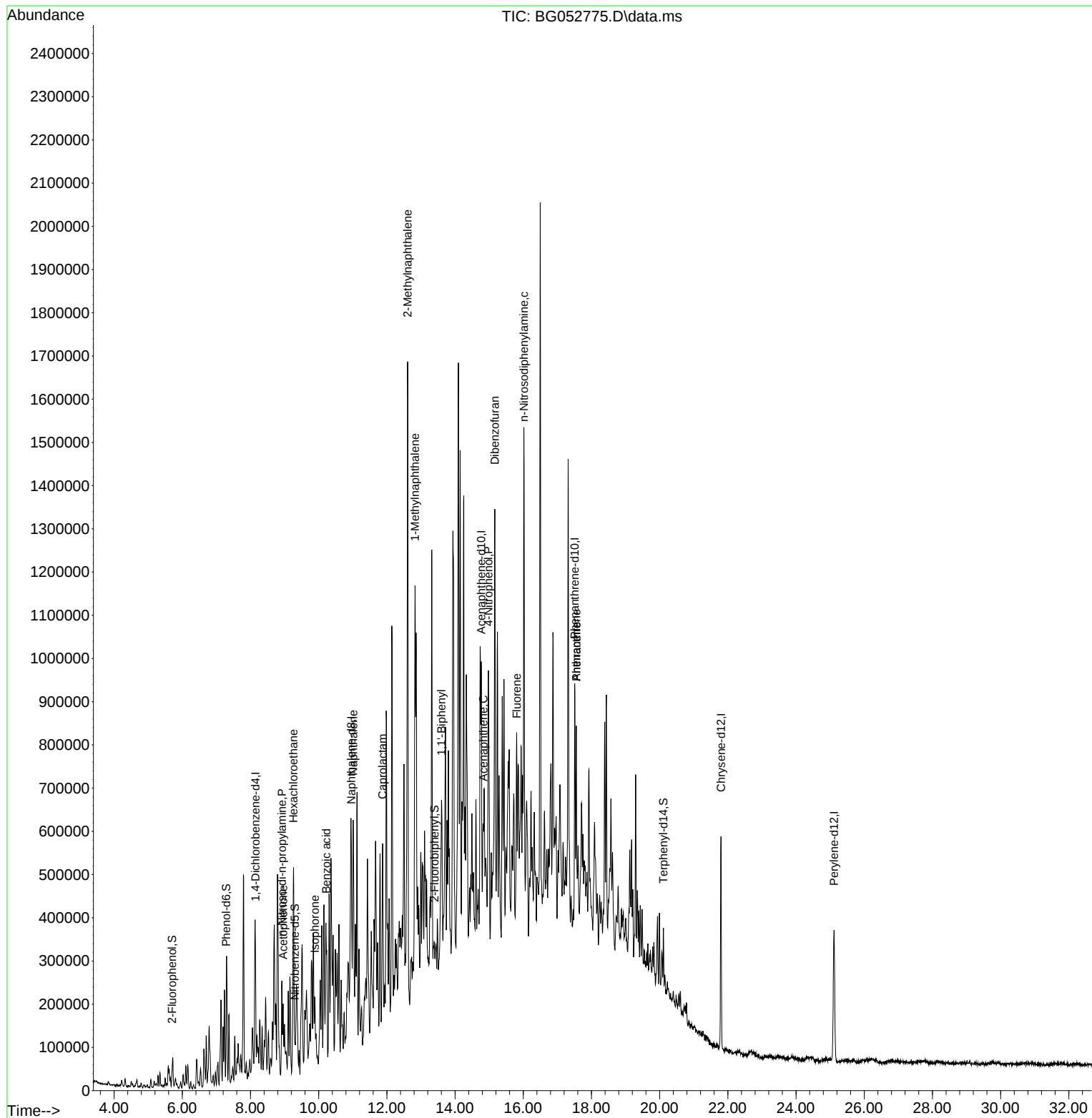
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.146	152	59888	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	227770	20.000	ng	#-0.01
39) Acenaphthene-d10	14.772	164	151251	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	293507	20.000	ng	0.00
76) Chrysene-d12	21.798	240	309655	20.000	ng	-0.01
86) Perylene-d12	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
18) Hexachloroethane	9.262	117	43422	27.075	ng	# 1
19) n-Nitroso-di-n-propyla...	8.921	70	8984	2.447	ng	# 50
22) Acetophenone	8.956	105	102626	17.411	ng	# 59
25) Isophorone	9.890	82	18557	2.112	ng	# 1
31) Naphthalene	11.012	128	257961	21.901	ng	# 94
32) Benzoic acid	10.219	122	275	5.774	ng	# 1
35) Caprolactam	11.876	113	3085	3.112	ng	# 1
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
55) Dibenzofuran	15.166	168	45095	3.246	ng	# 1
56) 4-Nitrophenol	14.978	139	30315	16.734	ng	# 39
58) Fluorene	15.812	166	93908	8.293	ng	# 88
66) n-Nitrosodiphenylamine	16.023	169	97611	11.813	ng	# 52
71) Phenanthrene	17.556	178	267899	17.062	ng	99
72) Anthracene	17.556	178	267899	17.259	ng	96

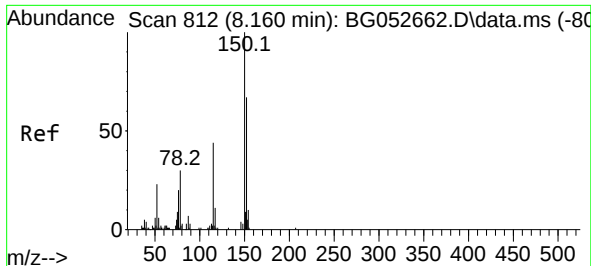
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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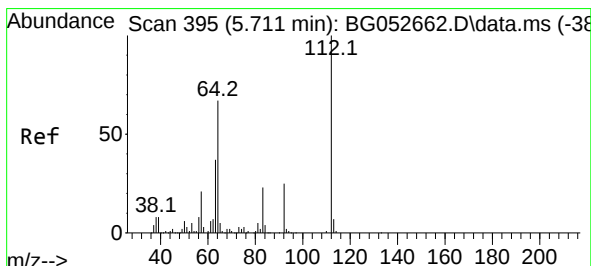
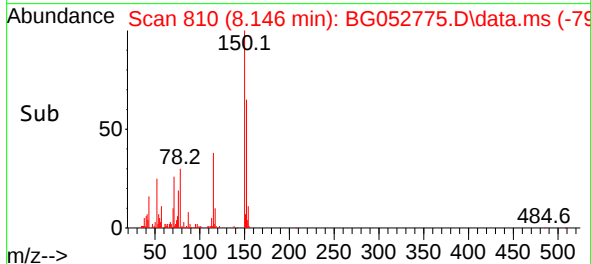
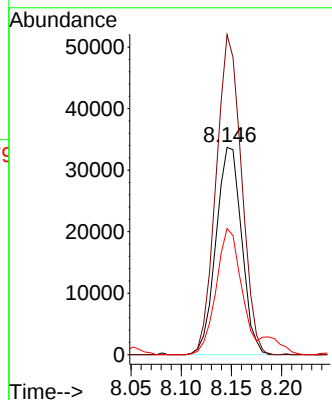
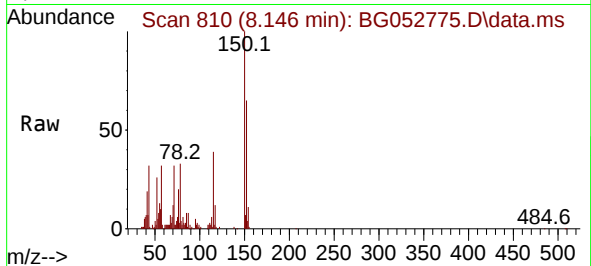




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.146 min Scan# 812
Delta R.T. -0.014 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

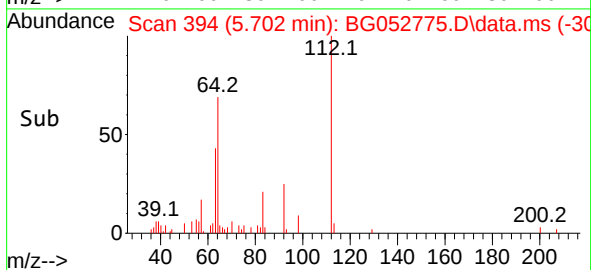
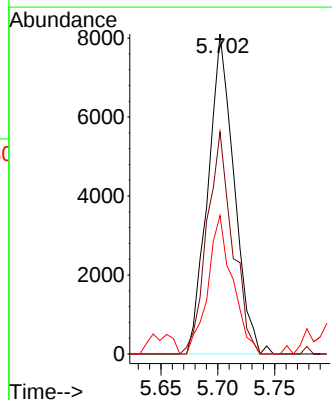
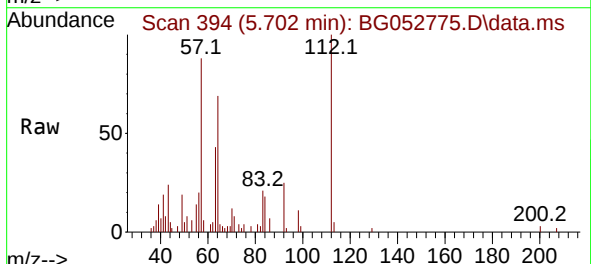
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

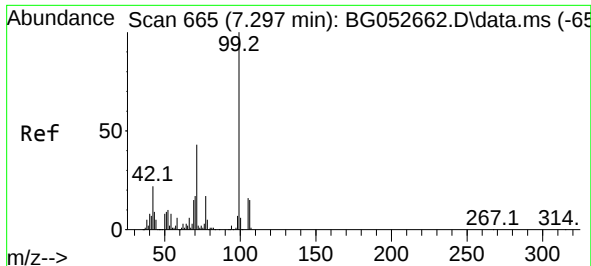
Tgt Ion:152 Resp: 59888
Ion Ratio Lower Upper
152 100
150 154.3 114.6 172.0
115 60.8 45.9 68.9



#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#

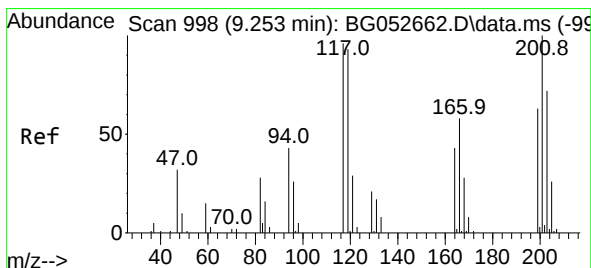
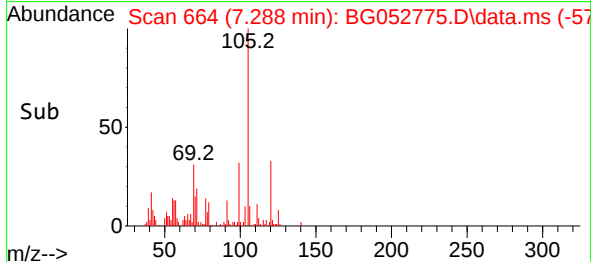
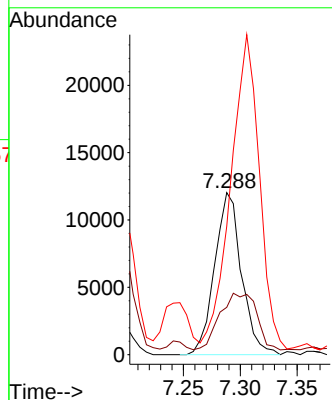
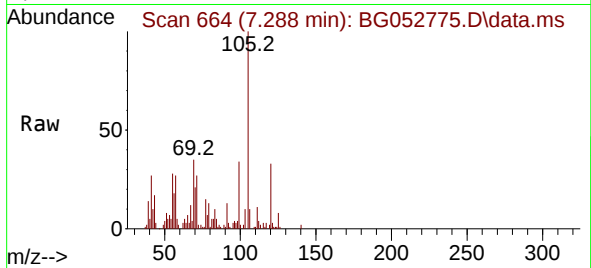




#7
Phenol-d6
Concen: 3.810 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

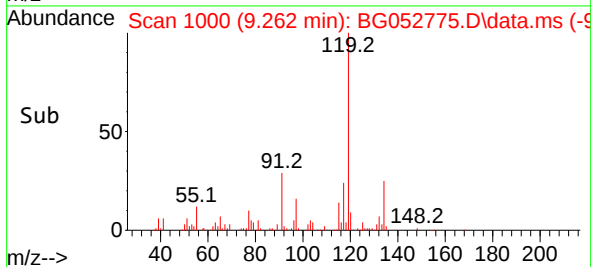
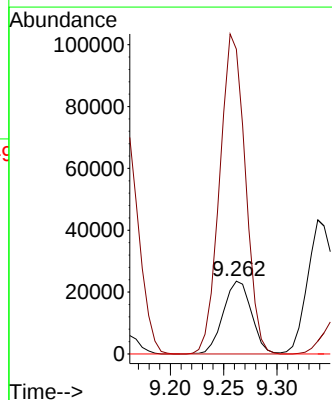
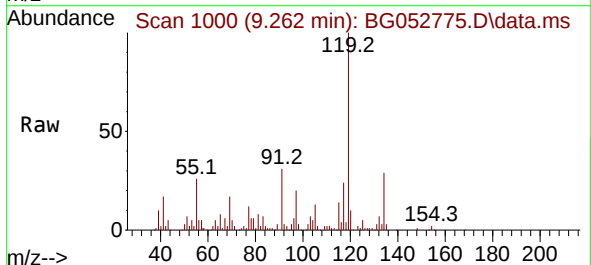
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

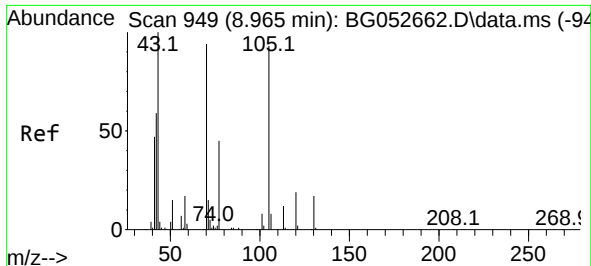
Tgt Ion: 99 Resp: 19752
Ion Ratio Lower Upper
99 100
42 29.2 14.7 22.1#
71 79.3 29.2 43.8#



#18
Hexachloroethane
Concen: 27.075 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion: 117 Resp: 43422
Ion Ratio Lower Upper
117 100
119 418.6 75.1 112.7#
201 0.0 96.6 145.0#

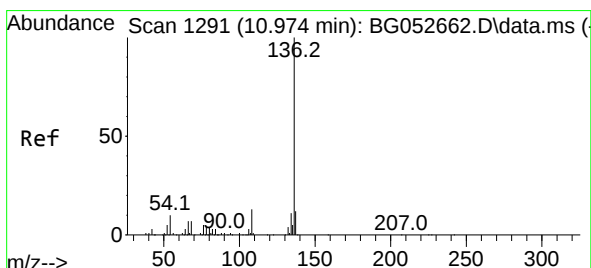
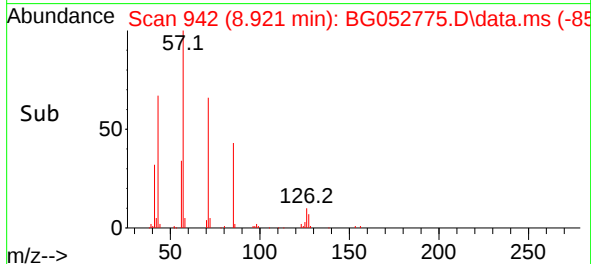
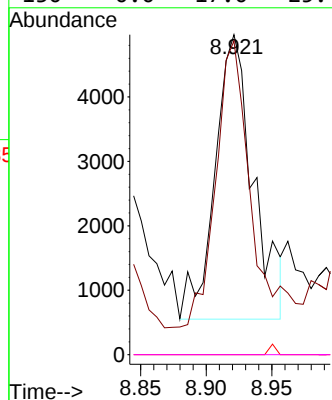
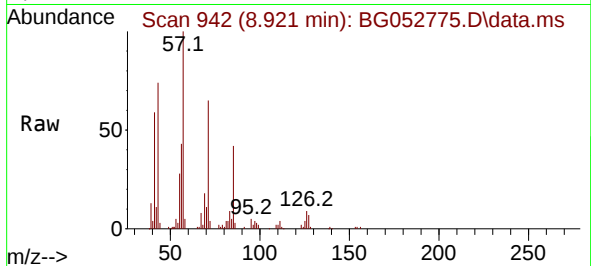




#19
n-Nitroso-di-n-propylamine
Concen: 2.447 ng
RT: 8.921 min Scan# 949
Delta R.T. -0.044 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

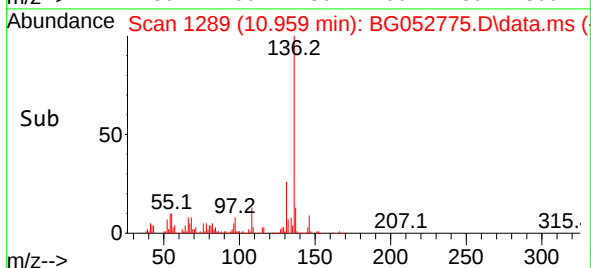
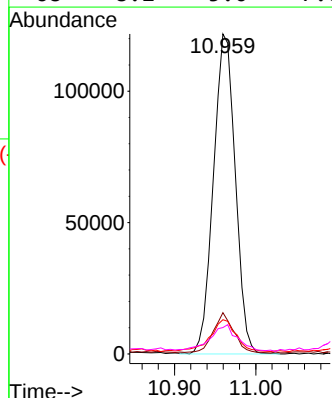
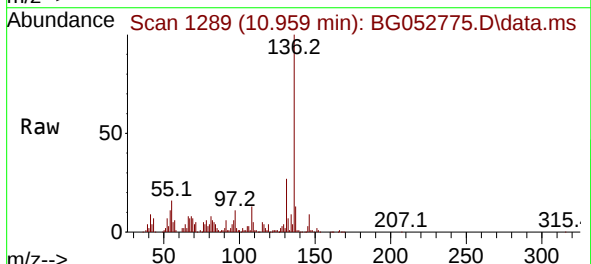
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

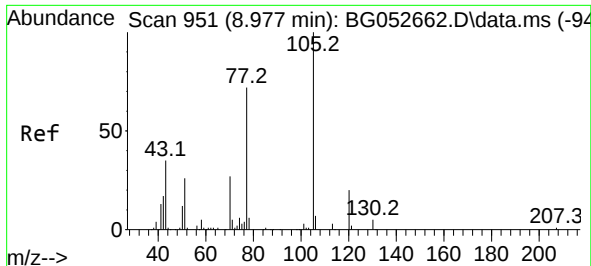
Tgt Ion:	70	Resp:	8984
Ion Ratio	Lower	Upper	
70	100		
42	98.1	46.0	69.0#
101	0.0	6.2	9.4#
130	0.0	17.0	25.4#



#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

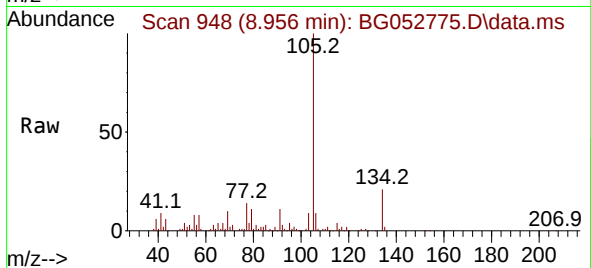
Tgt Ion:	136	Resp:	227770
Ion Ratio	Lower	Upper	
136	100		
137	12.9	9.4	14.2
54	10.7	6.4	9.6#
68	8.2	5.0	7.6#



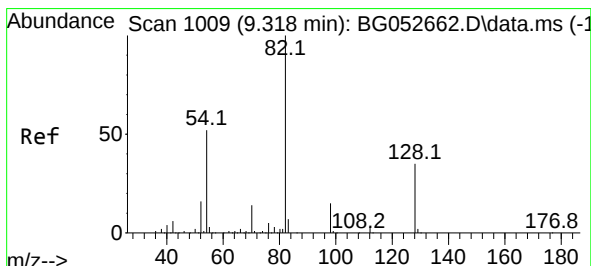
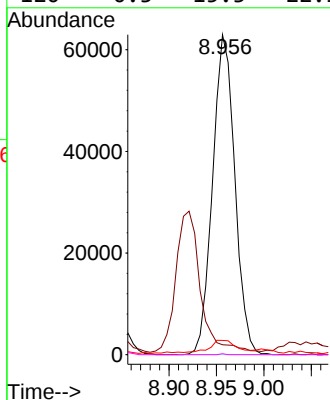
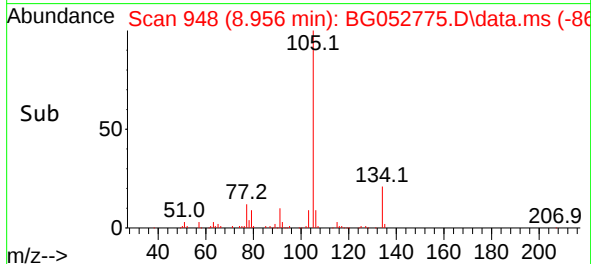


#22
Acetophenone
Concen: 17.411 ng
RT: 8.956 min Scan# 94
Delta R.T. -0.021 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

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

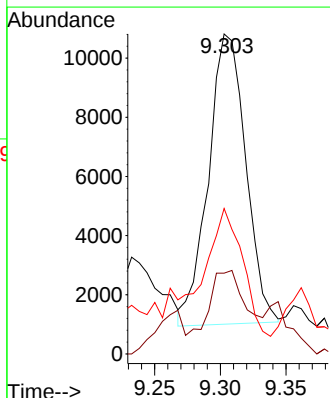
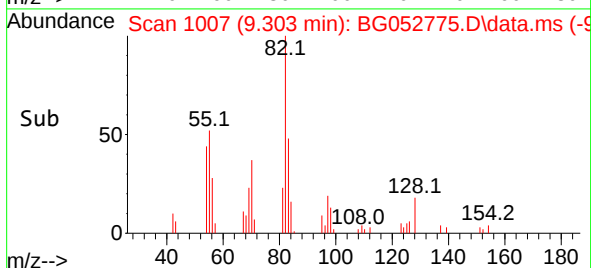
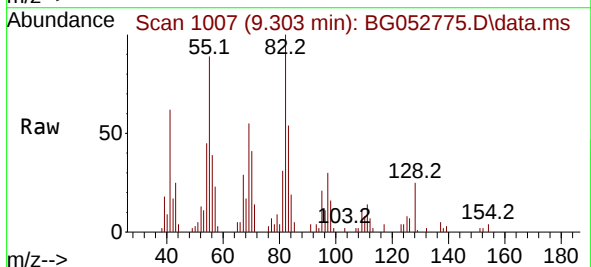


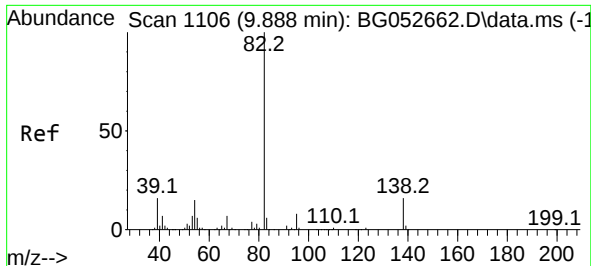
Tgt Ion:105 Resp: 102626
Ion Ratio Lower Upper
105 100
71 3.1 2.1 3.1
51 4.5 21.9 32.9#
120 0.3 15.3 22.9#



#23
Nitrobenzene-d5
Concen: 4.285 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

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

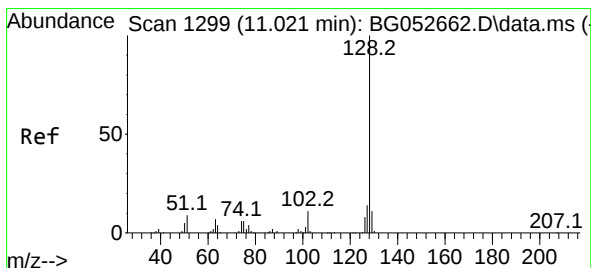
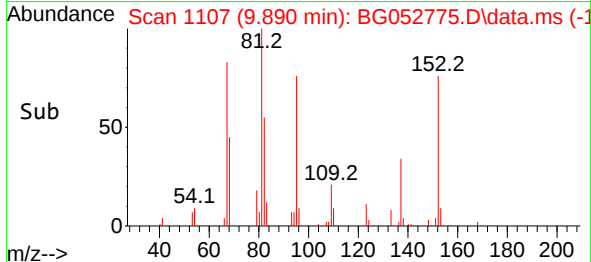
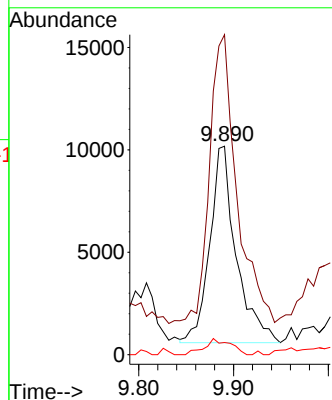
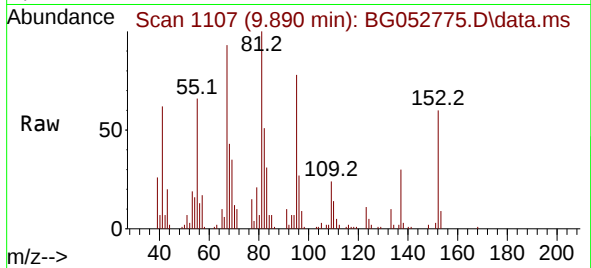




#25
Isophorone
Concen: 2.112 ng
RT: 9.890 min Scan# 1106
Delta R.T. 0.003 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

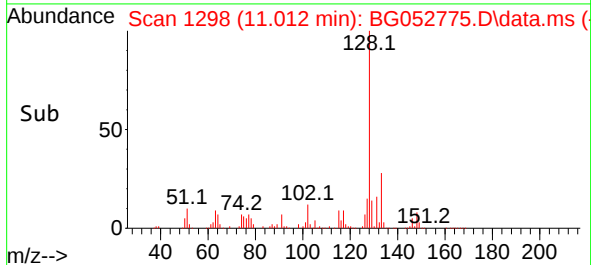
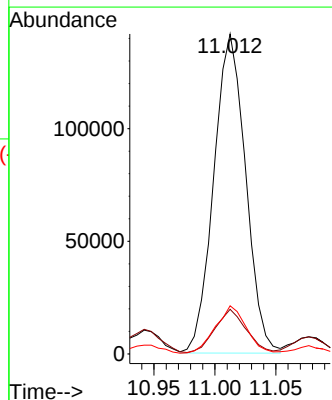
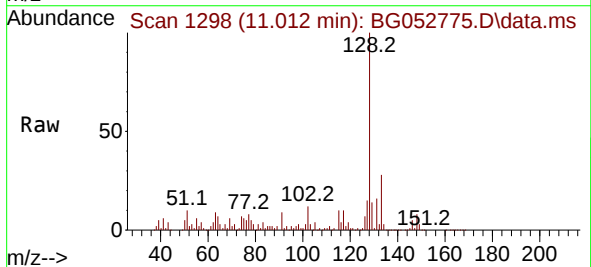
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

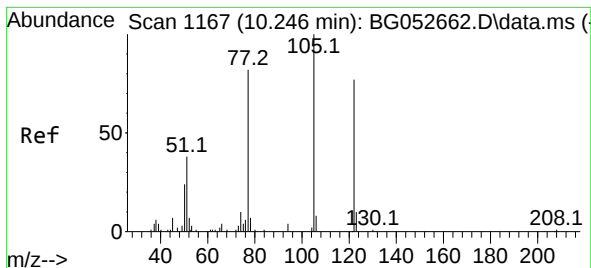
Tgt Ion: 82 Resp: 18557
Ion Ratio Lower Upper
82 100
95 153.5 5.8 8.6#
138 5.8 12.6 18.8#



#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





#32

Benzoic acid

Concen: 5.774 ng

RT: 10.219 min Scan# 1163

Delta R.T. -0.027 min

Lab File: BG052775.D

Acq: 21 Mar 2022 19:46

Instrument :

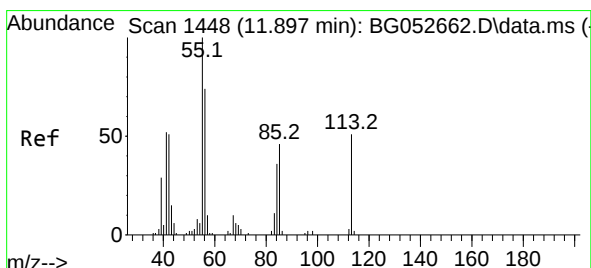
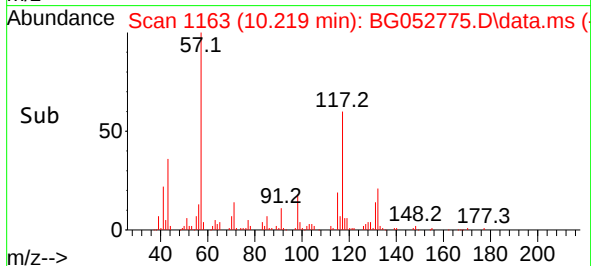
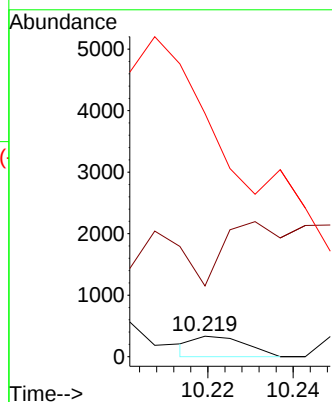
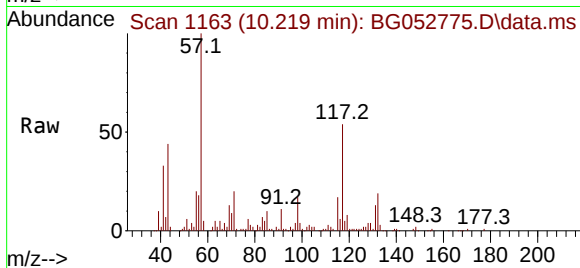
BNA_G

ClientSampleId :

PPSP-B13-25.5-26.0

Tgt Ion:122 Resp: 275

Ion	Ratio	Lower	Upper
122	100		
105	345.3	112.8	152.8#
77	1187.7	78.4	118.4#



#35

Caprolactam

Concen: 3.112 ng

RT: 11.876 min Scan# 1445

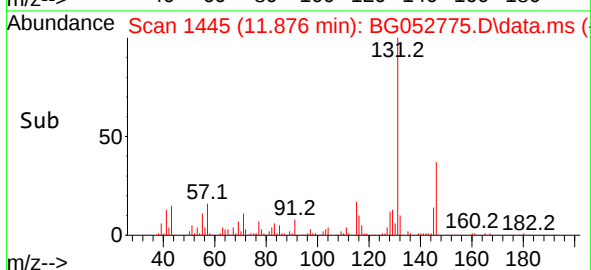
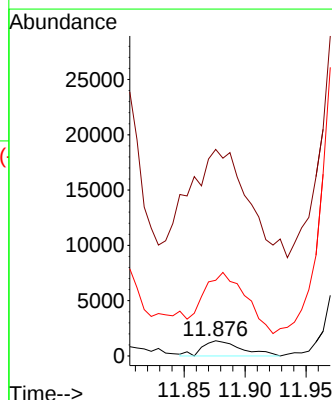
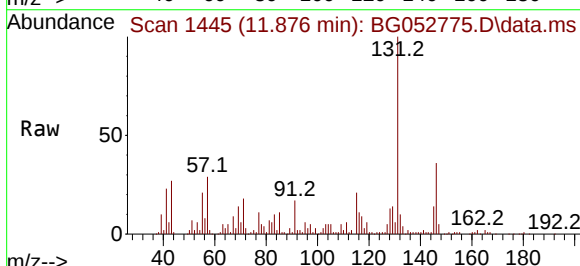
Delta R.T. -0.021 min

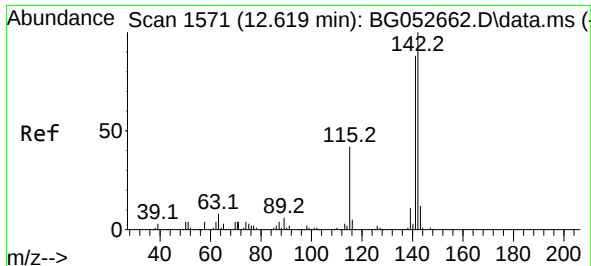
Lab File: BG052775.D

Acq: 21 Mar 2022 19:46

Tgt Ion:113 Resp: 3085

Ion	Ratio	Lower	Upper
113	100		
55	1358.0	151.3	191.3#
56	497.5	128.5	168.5#

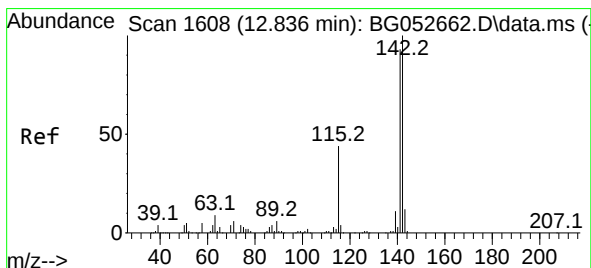
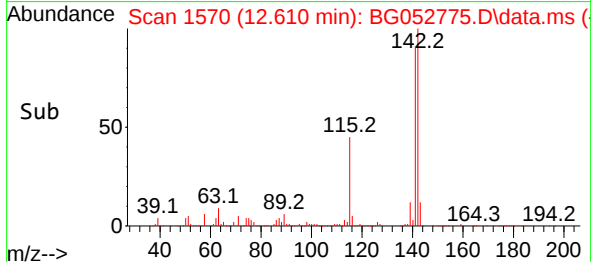
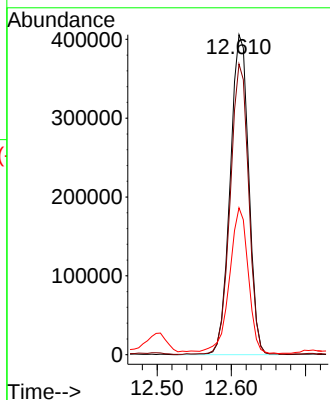
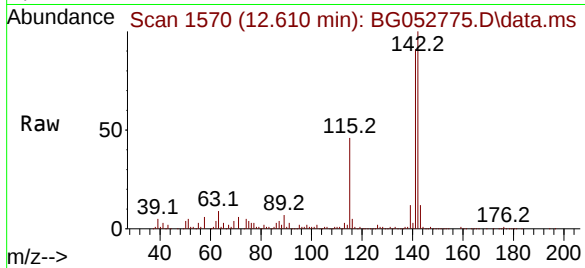




#37
2-Methylnaphthalene
Concen: 81.601 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

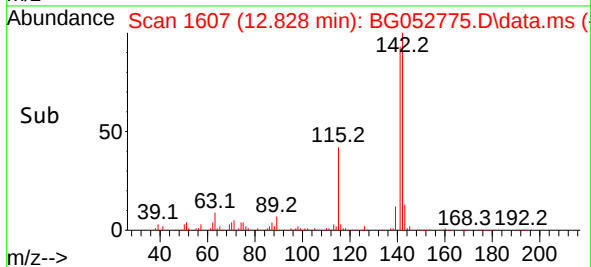
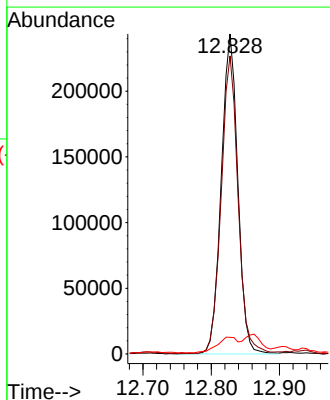
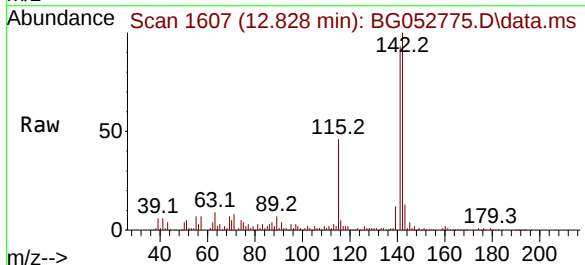
Instrument :
BNA_G
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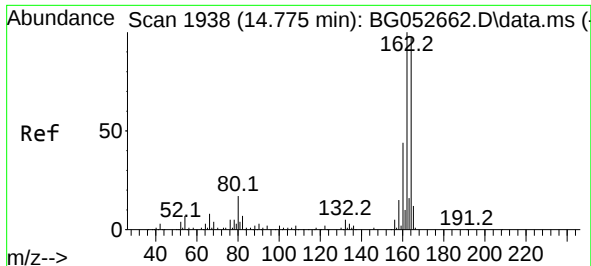
Tgt Ion:142 Resp: 703867
Ion Ratio Lower Upper
142 100
141 90.8 71.3 106.9
115 45.9 29.5 44.3#



#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#

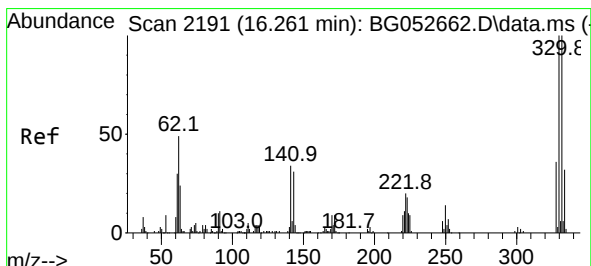
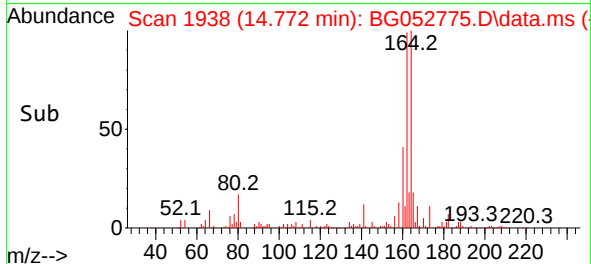
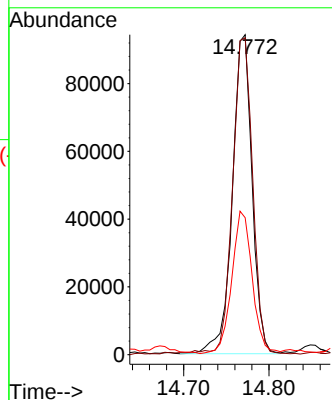
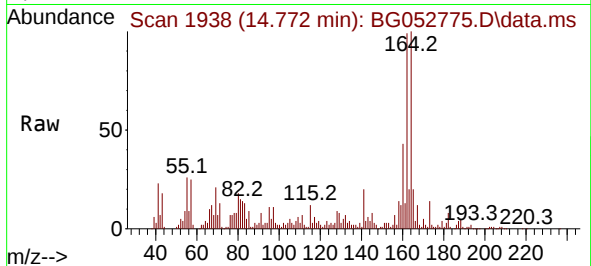




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.772 min Scan# 1938
Delta R.T. -0.003 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

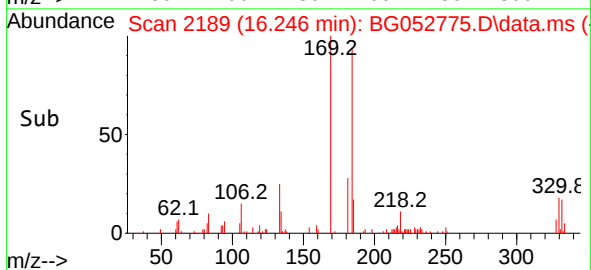
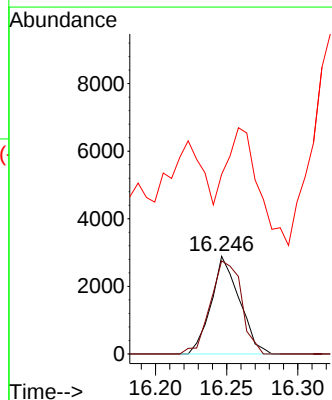
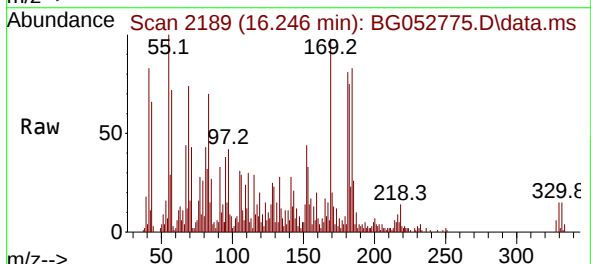
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

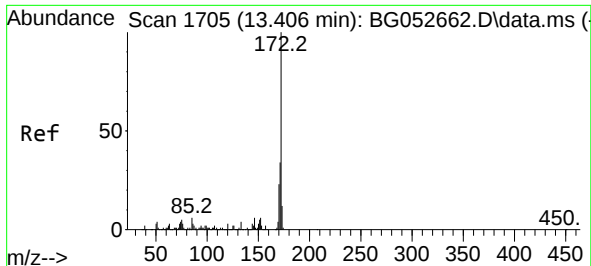
Tgt Ion:164 Resp: 151251
Ion Ratio Lower Upper
164 100
162 99.1 80.0 120.0
160 42.8 38.8 58.2



#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#

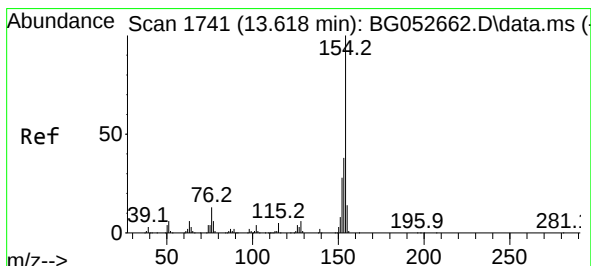
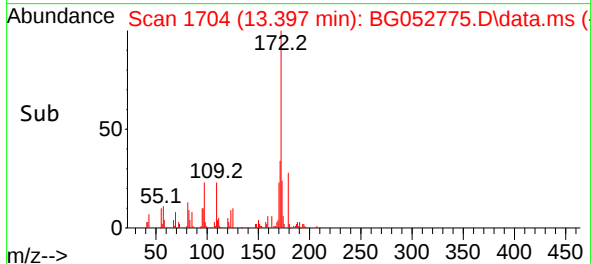
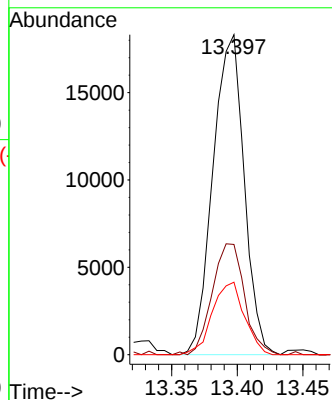
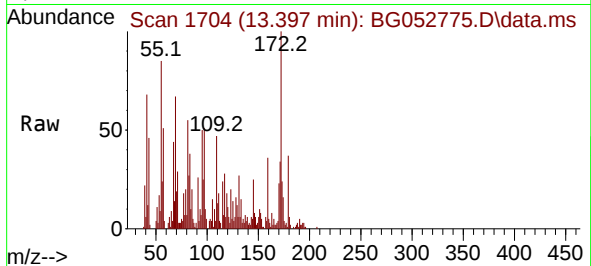




#45
2-Fluorobiphenyl
Concen: 2.945 ng
RT: 13.397 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

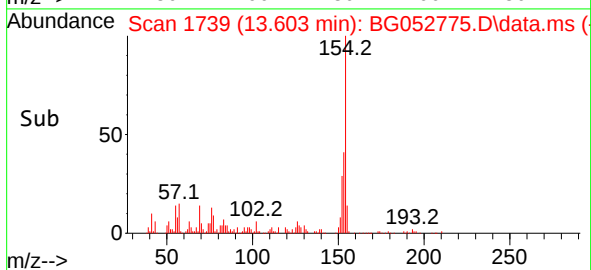
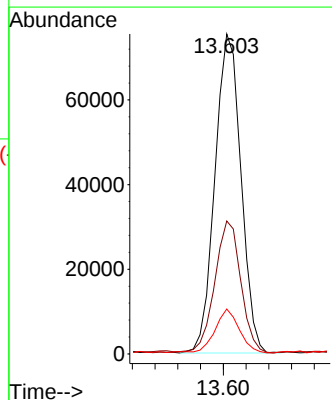
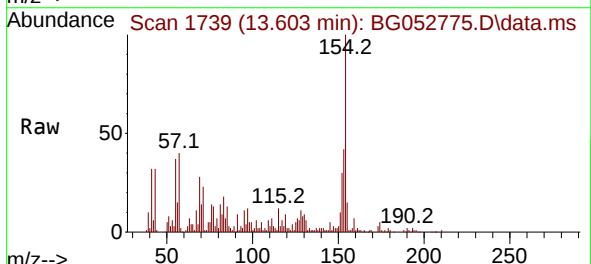
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

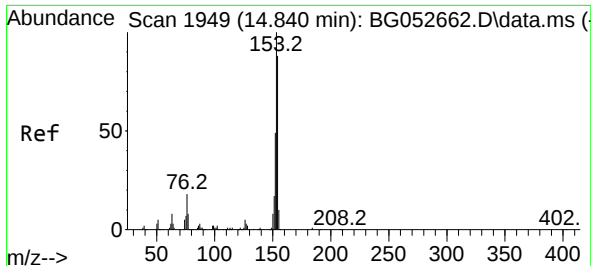
Tgt Ion:172 Resp: 30207
Ion Ratio Lower Upper
172 100
171 34.4 28.3 42.5
170 22.7 18.0 27.0



#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

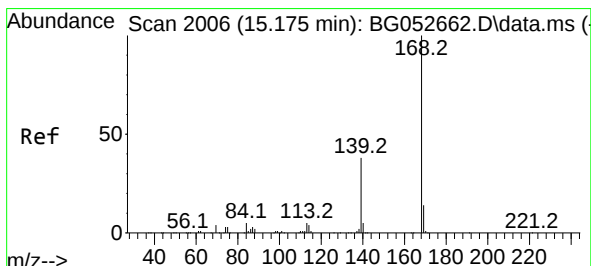
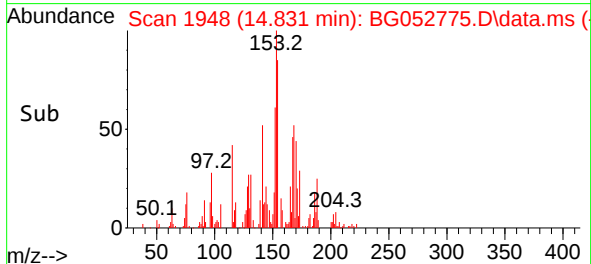
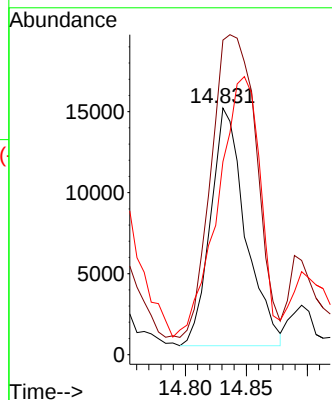
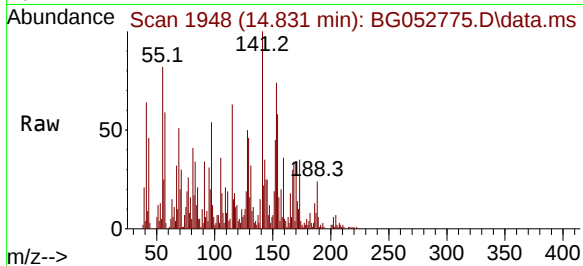




#52
Acenaphthene
Concen: 3.434 ng
RT: 14.831 min Scan# 1948
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

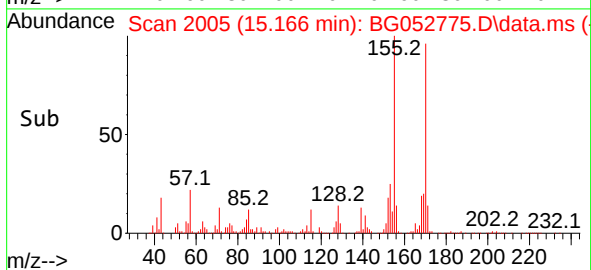
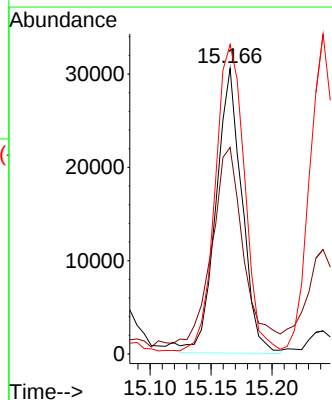
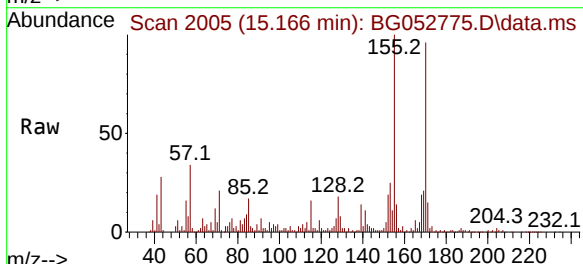
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

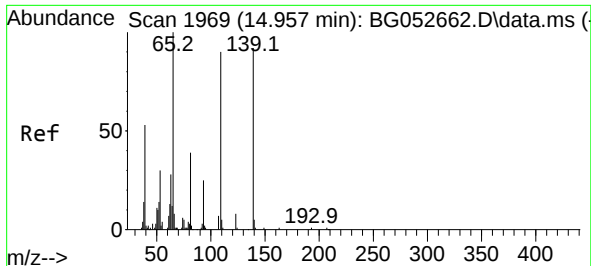
Tgt Ion:154 Resp: 29212
Ion Ratio Lower Upper
154 100
153 127.6 89.0 133.4
152 78.3 40.5 60.7#



#55
Dibenzofuran
Concen: 3.246 ng
RT: 15.166 min Scan# 2005
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:168 Resp: 45095
Ion Ratio Lower Upper
168 100
139 72.3 30.2 45.4#
169 108.3 10.7 16.1#

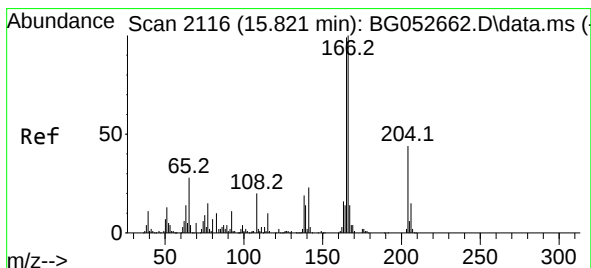
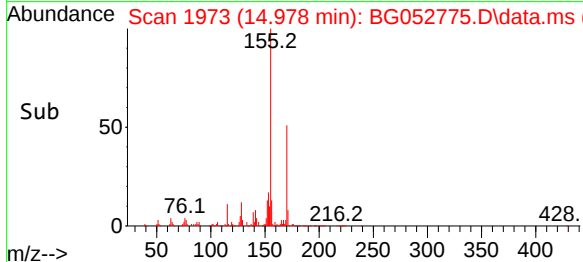
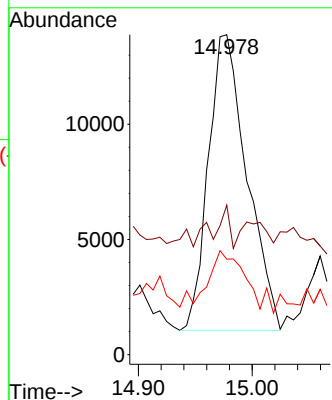
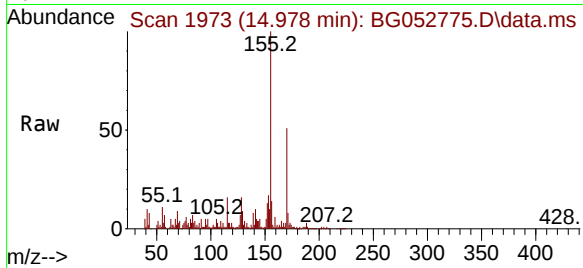




#56
4-Nitrophenol
Concen: 16.734 ng
RT: 14.978 min Scan# 1969
Delta R.T. 0.020 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

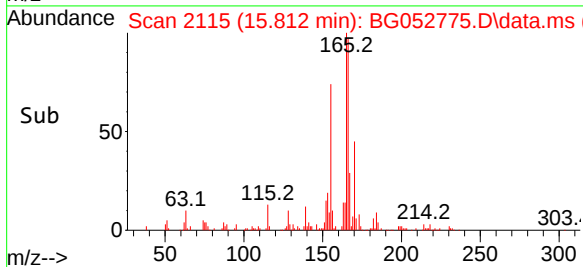
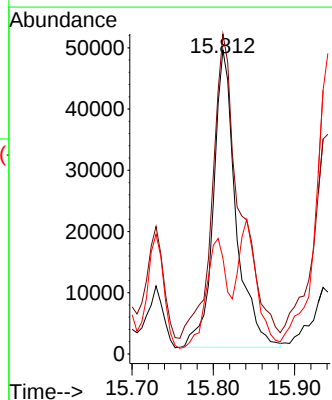
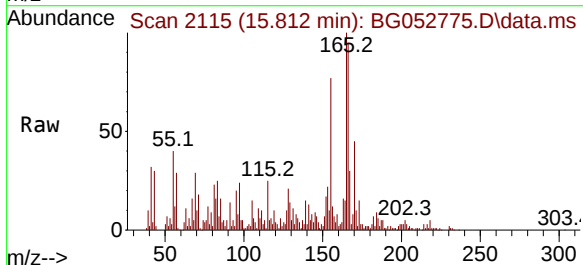
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

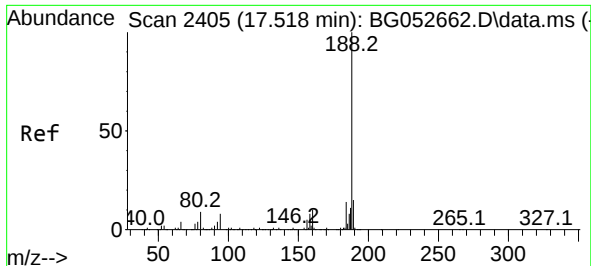
Tgt Ion:139 Resp: 30315
Ion Ratio Lower Upper
139 100
109 46.8 67.1 107.1#
65 29.8 88.2 128.2#



#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#

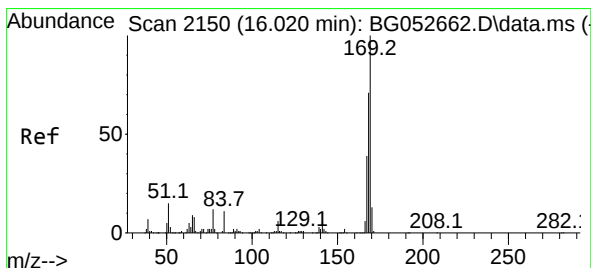
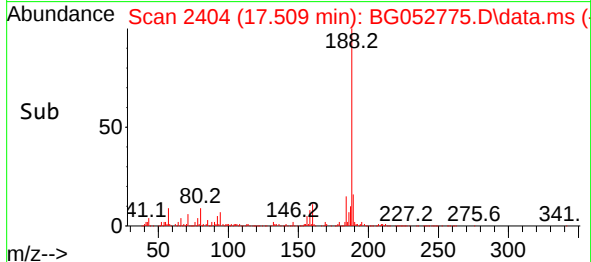
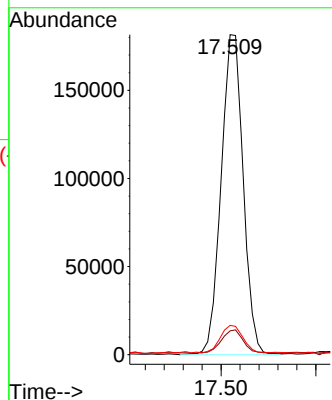
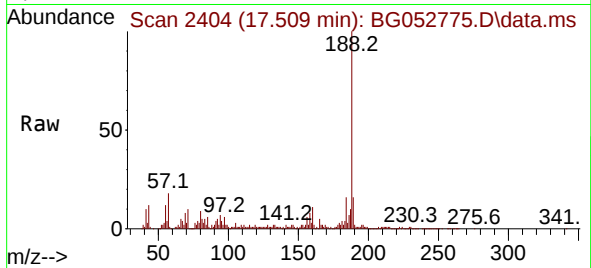




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2405
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

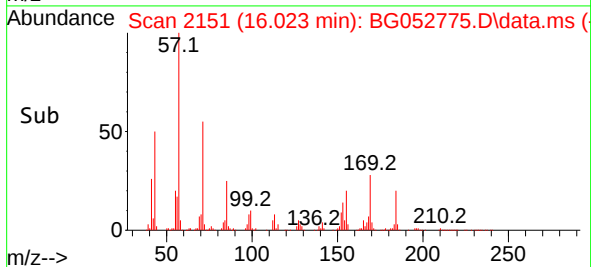
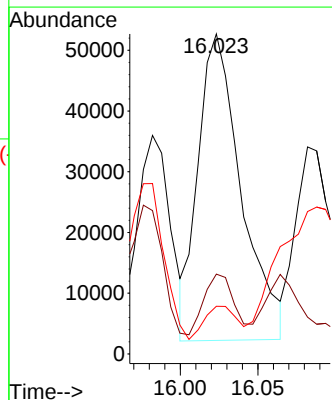
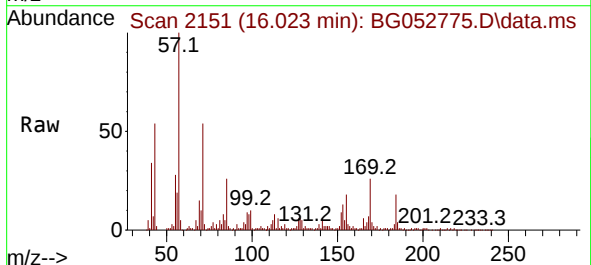
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

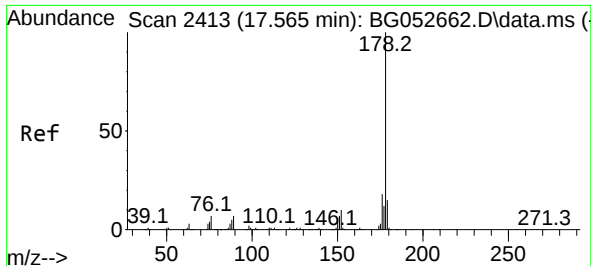
Tgt Ion:188 Resp: 293507
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 9.1 7.2 10.8



#66
n-Nitrosodiphenylamine
Concen: 11.813 ng
RT: 16.023 min Scan# 2151
Delta R.T. 0.003 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

Tgt Ion:169 Resp: 97611
Ion Ratio Lower Upper
169 100
168 24.9 54.5 81.7#
167 14.9 29.6 44.4#

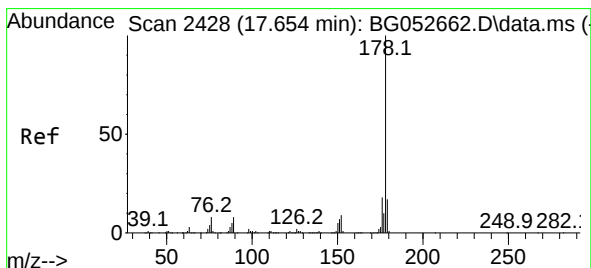
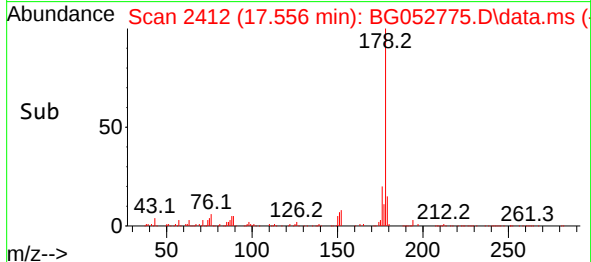
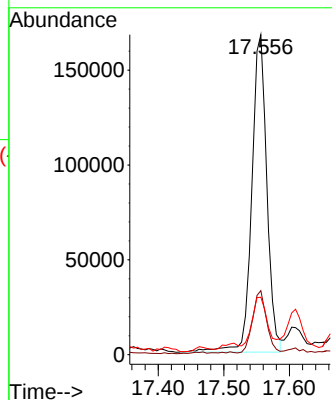
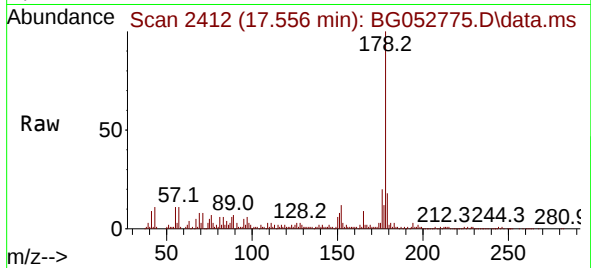




#71
Phenanthrene
Concen: 17.062 ng
RT: 17.556 min Scan# 2413
Delta R.T. -0.009 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

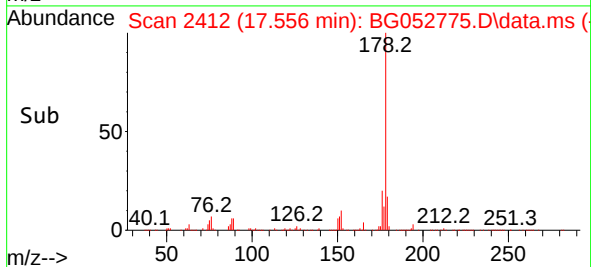
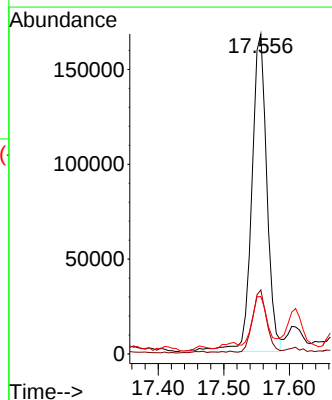
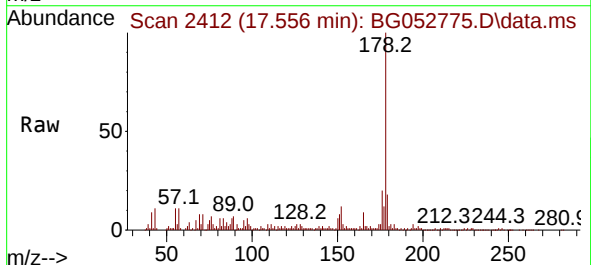
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

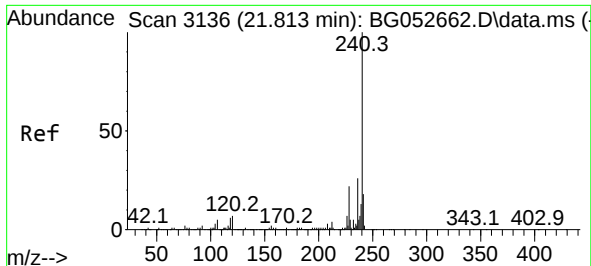
Tgt Ion:178 Resp: 267899
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 18.0 13.4 20.2



#72
Anthracene
Concen: 17.259 ng
RT: 17.556 min Scan# 2412
Delta R.T. -0.097 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 14.7 22.1
179 18.0 13.2 19.8

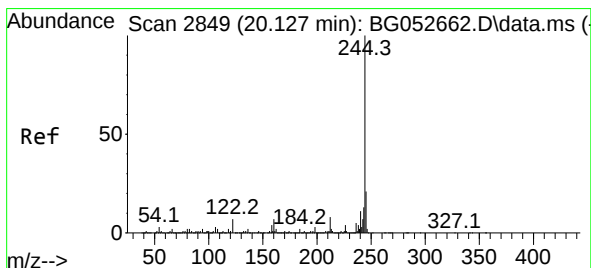
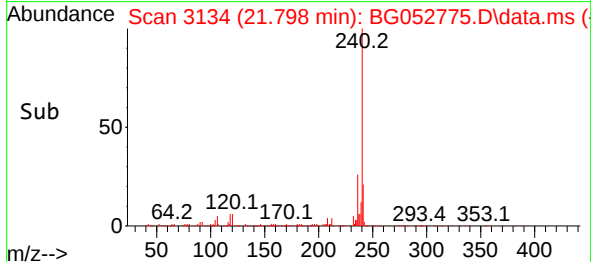
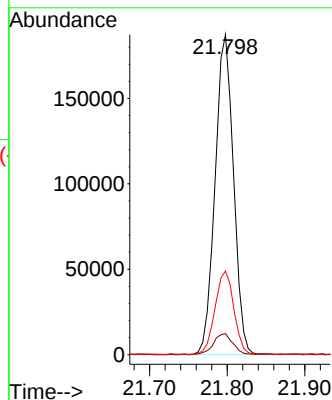
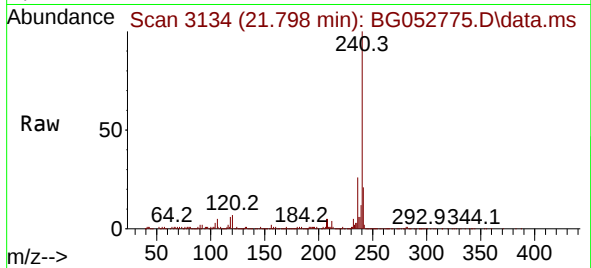




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.798 min Scan# 3136
Delta R.T. -0.015 min
Lab File: BG052775.D
Acq: 21 Mar 2022 19:46

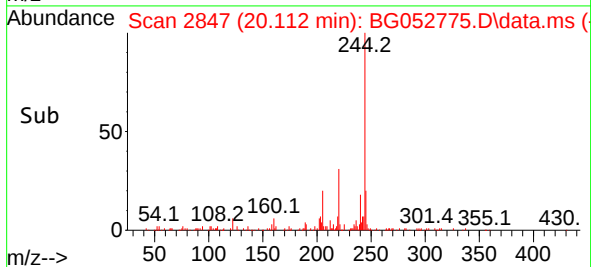
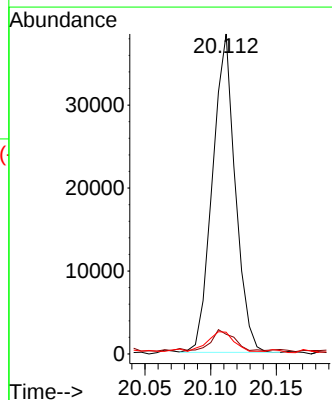
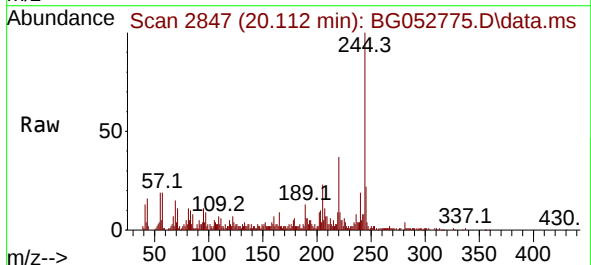
Instrument :
BNA_G
ClientSampleId :
PPSP-B13-25.5-26.0

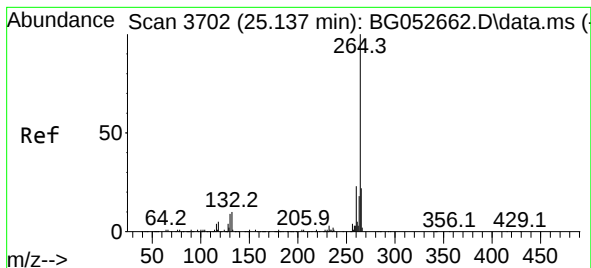
Tgt Ion:240 Resp: 309655
Ion Ratio Lower Upper
240 100
120 6.6 5.4 8.0
236 26.2 19.8 29.6



#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

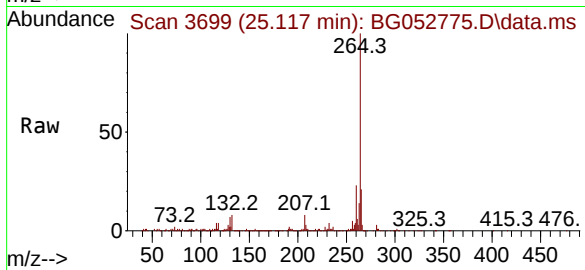
Acq: 21 Mar 2022 19:46

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

