

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032122\
 Data File : BG052776.D
 Acq On : 21 Mar 2022 20:25
 Operator : CG/JU
 Sample : N2007-02 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP2

Quant Time: Mar 22 02:55:06 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)

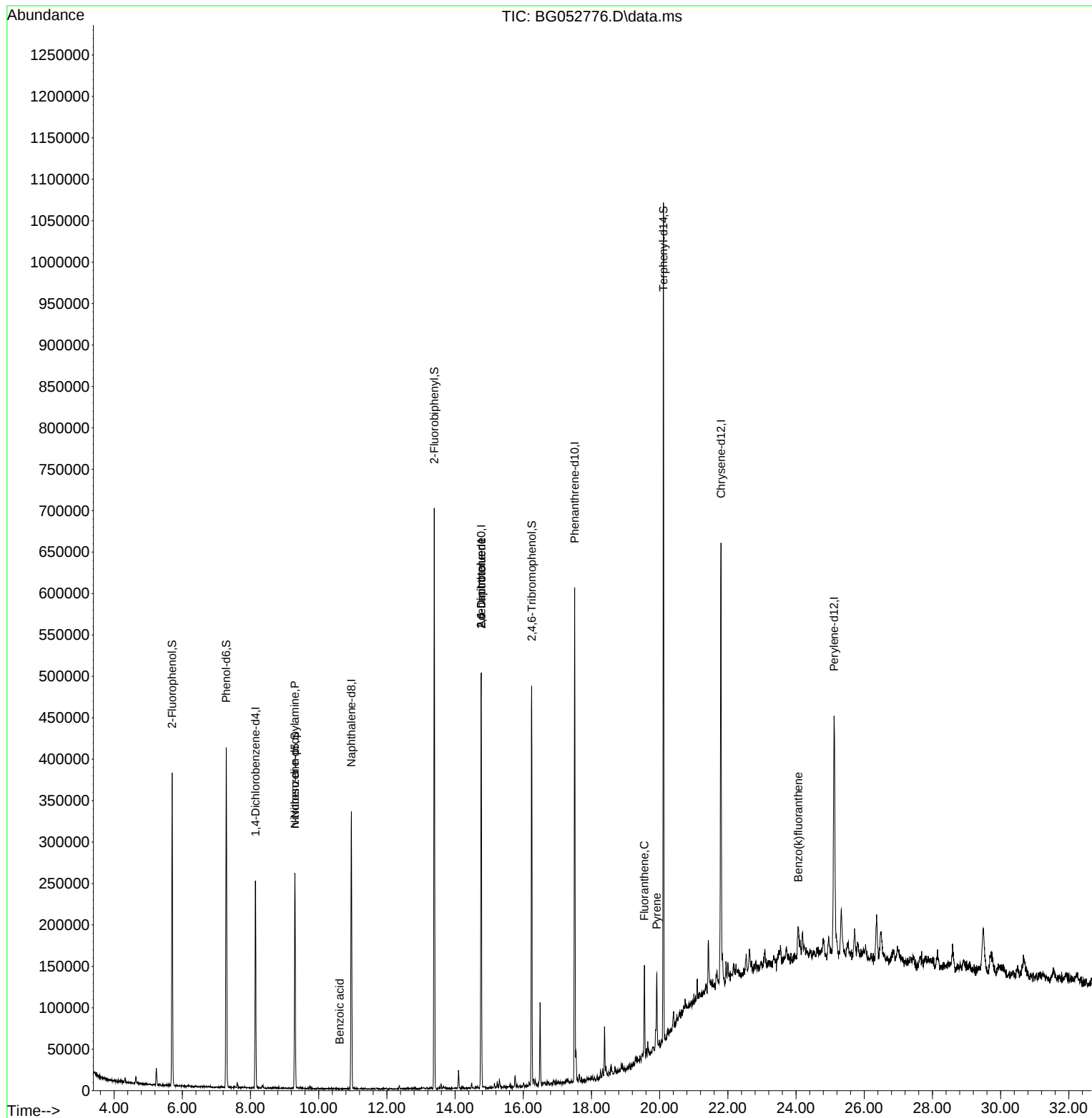
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.145	152	68977	20.000	ng	-0.01
21) Naphthalene-d8	10.959	136	276178	20.000	ng	-0.01
39) Acenaphthene-d10	14.766	164	180542	20.000	ng	0.00
64) Phenanthrene-d10	17.509	188	366702	20.000	ng	0.00
76) Chrysene-d12	21.798	240	326803	20.000	ng	-0.02
86) Perylene-d12	25.117	264	333257	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.702	112	163572	41.298	ng	0.00
7) Phenol-d6	7.288	99	237160	39.717	ng	0.00
23) Nitrobenzene-d5	9.303	82	159733	29.029	ng	-0.02
42) 2,4,6-Tribromophenol	16.246	330	96424	39.746	ng	-0.02
45) 2-Fluorobiphenyl	13.391	172	366707	29.956	ng	-0.02
79) Terphenyl-d14	20.112	244	514049	27.981	ng	-0.02
Target Compounds						
						Qvalue
9) Benzaldehyde	7.282	77	2175	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	9.303	70	21585	5.104	ng	# 79
32) Benzoic acid	10.613	122	61	5.692	ng	# 1
51) 2,6-Dinitrotoluene	14.766	165	24778	10.937	ng	# 25
57) 2,4-Dinitrotoluene	14.766	165	24778	7.883	ng	# 23
75) Fluoranthene	19.554	202	65748	2.640	ng	96
78) Pyrene	19.912	202	57151	2.521	ng	99
89) Benzo(k)fluoranthene	24.065	252	41120	2.020	ng	# 84

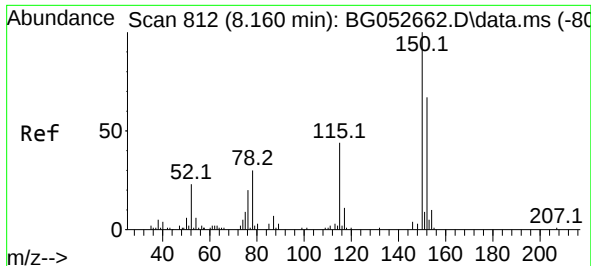
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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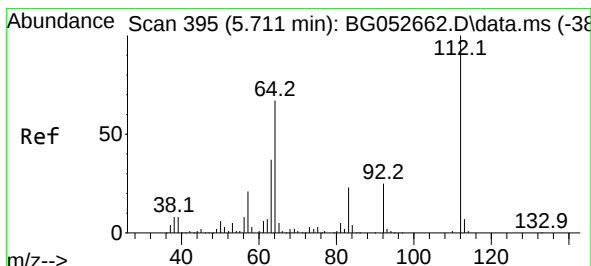
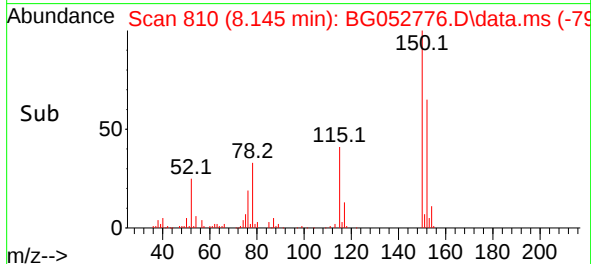
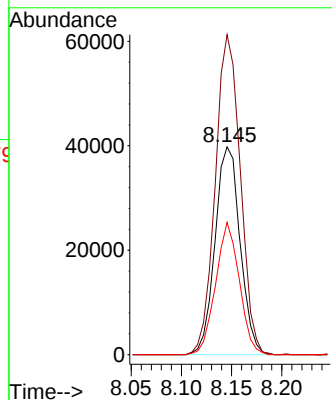
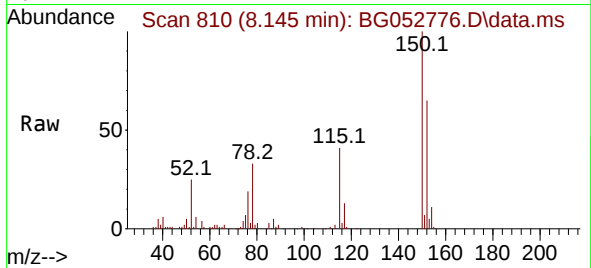




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.145 min Scan# 81
Delta R.T. -0.015 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

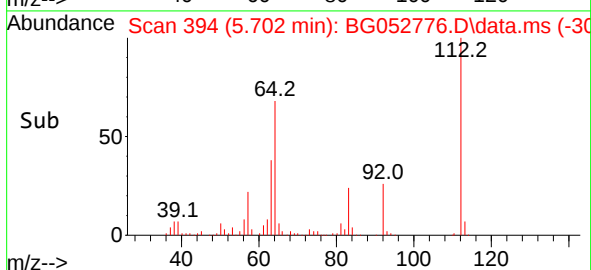
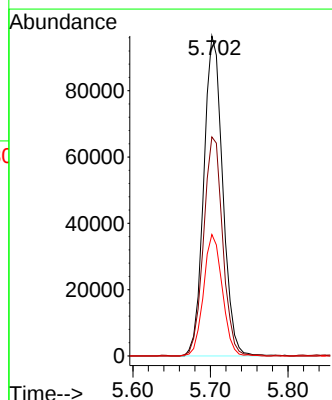
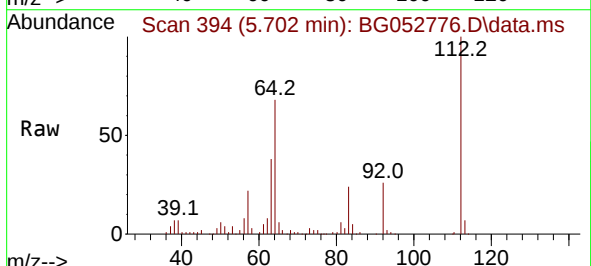
Instrument :
BNA_G
ClientSampleId :
SP2

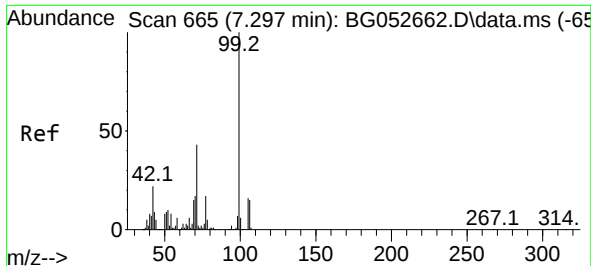
Tgt Ion:152 Resp: 68977
Ion Ratio Lower Upper
152 100
150 153.9 114.6 172.0
115 63.7 45.9 68.9



#5
2-Fluorophenol
Concen: 41.298 ng
RT: 5.702 min Scan# 394
Delta R.T. -0.009 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

Tgt Ion:112 Resp: 163572
Ion Ratio Lower Upper
112 100
64 68.5 48.0 72.0
63 38.0 26.5 39.7

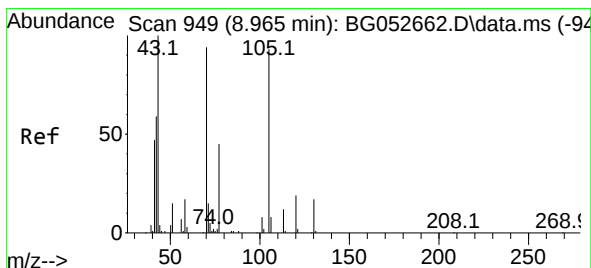
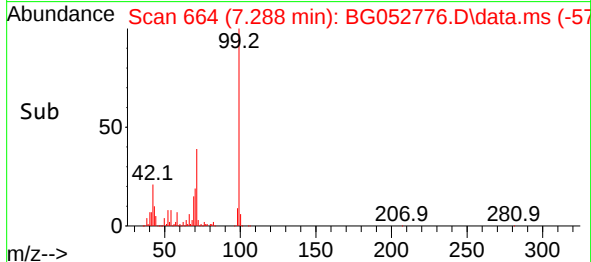
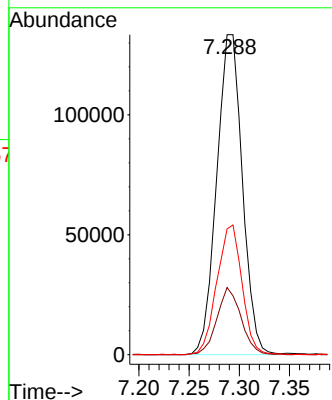
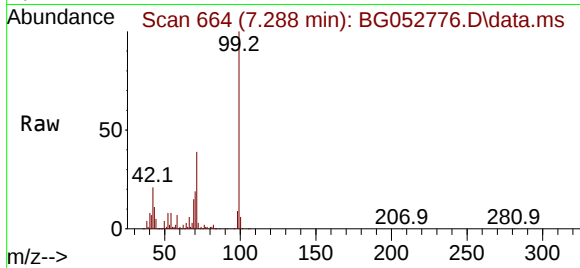




#7
Phenol-d6
Concen: 39.717 ng
RT: 7.288 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

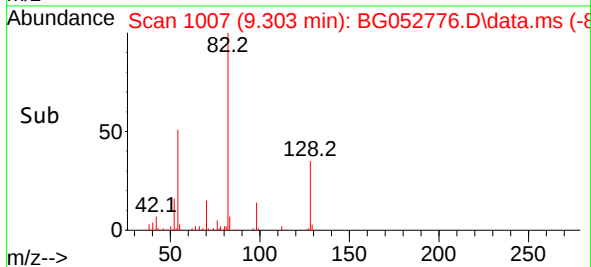
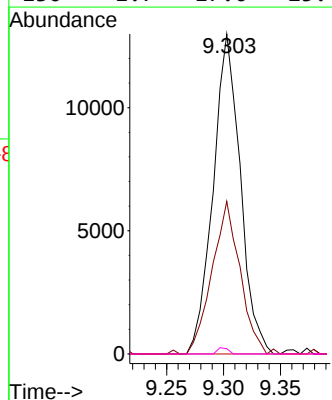
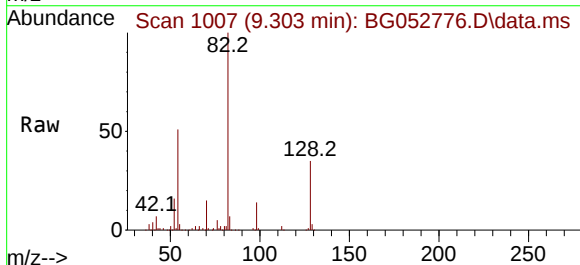
Instrument :
BNA_G
ClientSampleId :
SP2

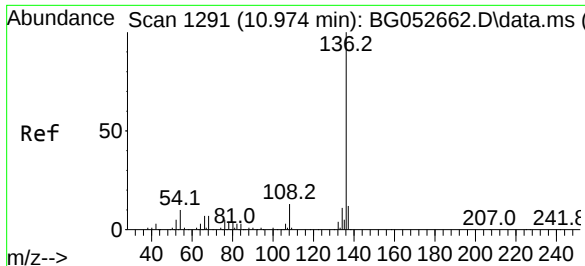
Tgt Ion: 99 Resp: 237160
Ion Ratio Lower Upper
99 100
42 21.0 14.7 22.1
71 39.3 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 5.104 ng
RT: 9.303 min Scan# 1007
Delta R.T. 0.337 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

Tgt Ion: 70 Resp: 21585
Ion Ratio Lower Upper
70 100
42 47.7 46.0 69.0
101 0.0 6.2 9.4#
130 1.7 17.0 25.4#



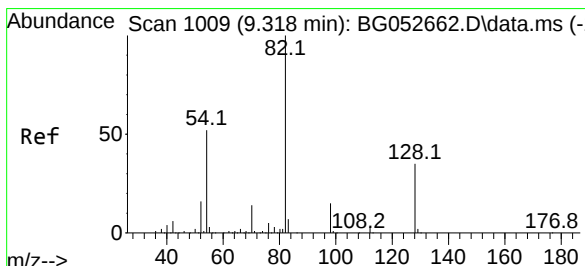
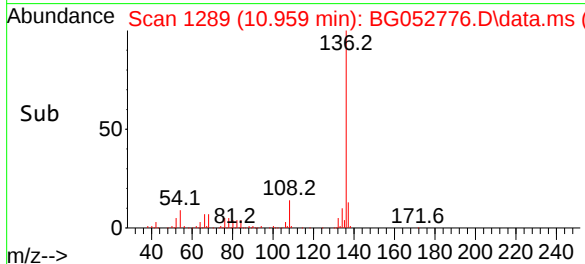
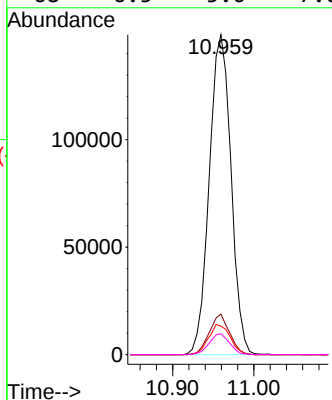
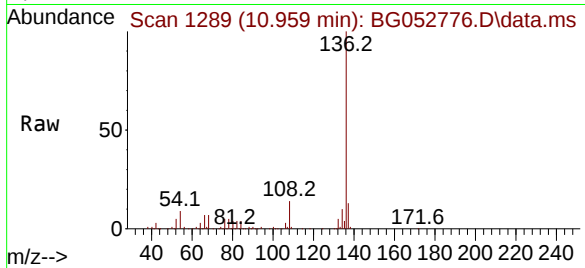


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.959 min Scan# 11
Delta R.T. -0.015 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

Instrument :
BNA_G
ClientSampleId :
SP2

Tgt Ion:136 Resp: 276178

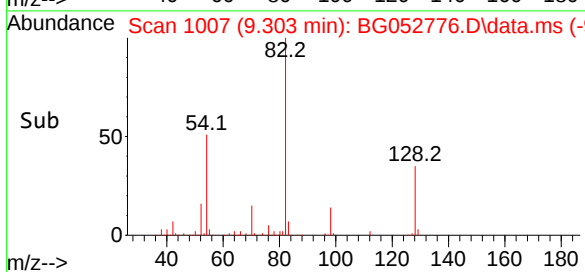
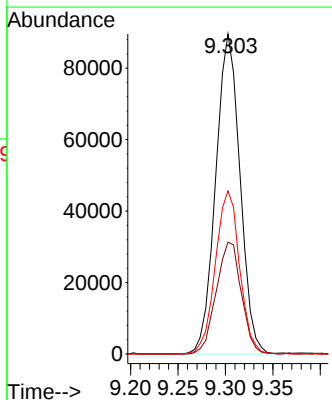
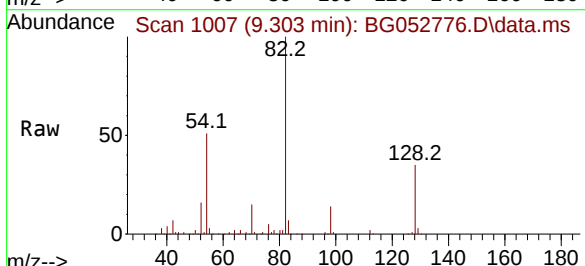
Ion	Ratio	Lower	Upper
136	100		
137	12.7	9.4	14.2
54	8.9	6.4	9.6
68	6.5	5.0	7.6

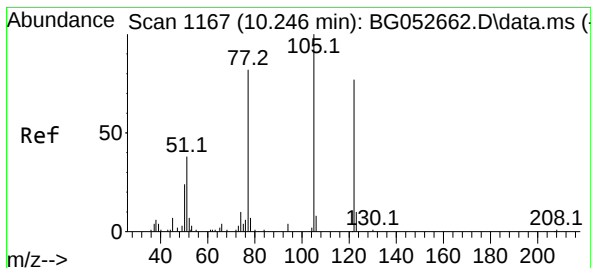


#23
Nitrobenzene-d5
Concen: 29.029 ng
RT: 9.303 min Scan# 1007
Delta R.T. -0.015 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

Tgt Ion: 82 Resp: 159733

Ion	Ratio	Lower	Upper
82	100		
128	34.9	31.3	46.9
54	51.0	37.8	56.8





#32

Benzoic acid

Concen: 5.692 ng

RT: 10.613 min Scan# 1167

Delta R.T. 0.367 min

Lab File: BG052776.D

Acq: 21 Mar 2022 20:25

Instrument :

BNA_G

ClientSampleId :

SP2

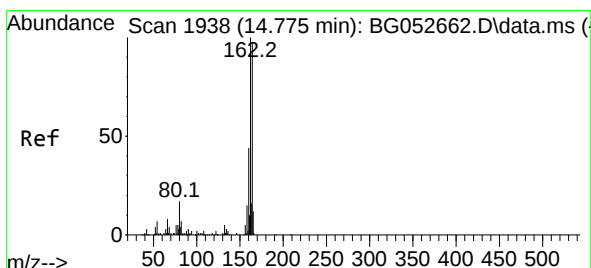
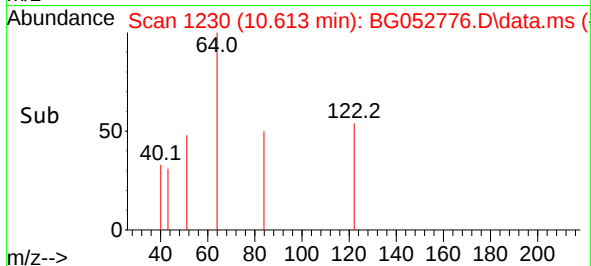
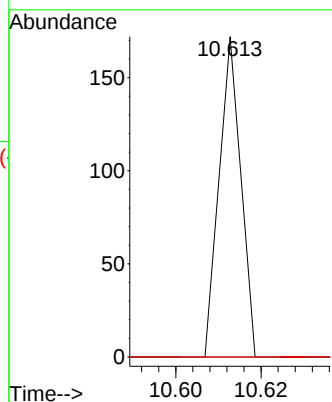
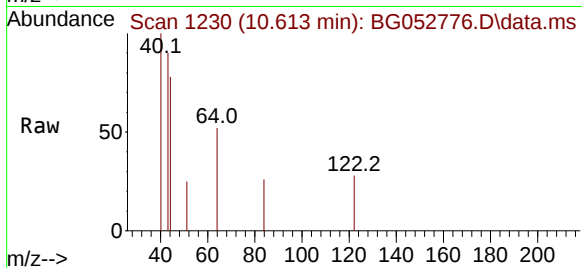
Tgt Ion:122 Resp: 61

Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 0.0 78.4 118.4#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.766 min Scan# 1937

Delta R.T. -0.009 min

Lab File: BG052776.D

Acq: 21 Mar 2022 20:25

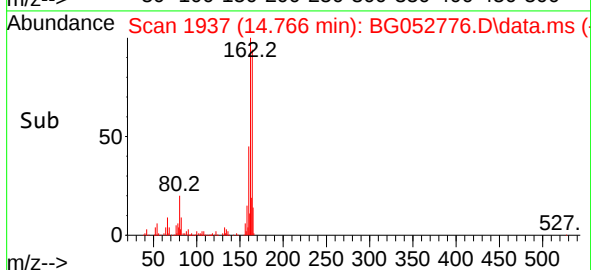
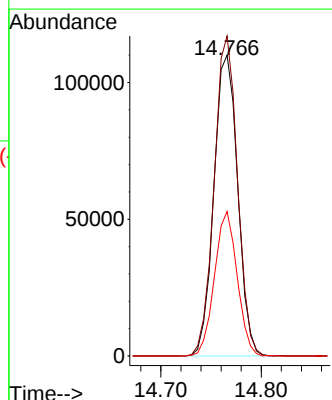
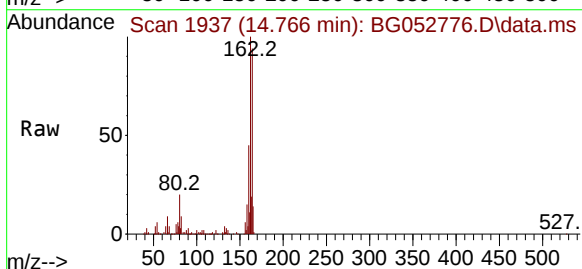
Tgt Ion:164 Resp: 180542

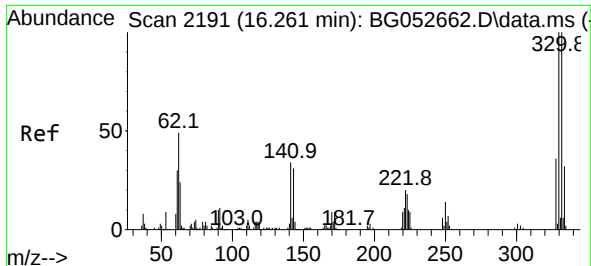
Ion Ratio Lower Upper

164 100

162 106.4 80.0 120.0

160 48.0 38.8 58.2





#42

2,4,6-Tribromophenol

Concen: 39.746 ng

RT: 16.246 min Scan# 21

Delta R.T. -0.015 min

Lab File: BG052776.D

Acq: 21 Mar 2022 20:25

Instrument :

BNA_G

ClientSampleId :

SP2

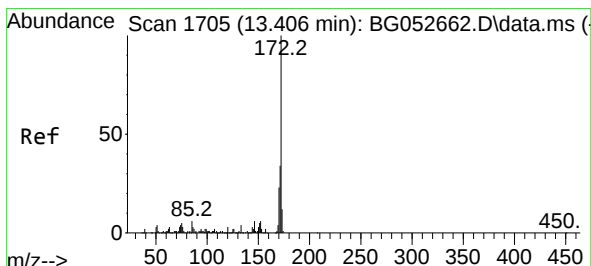
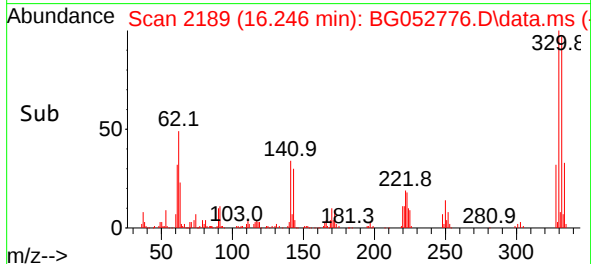
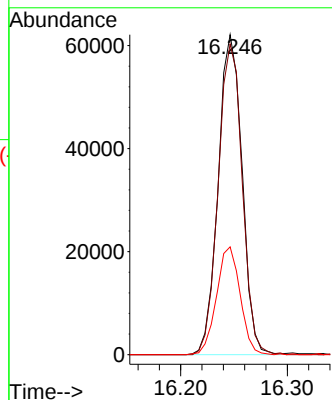
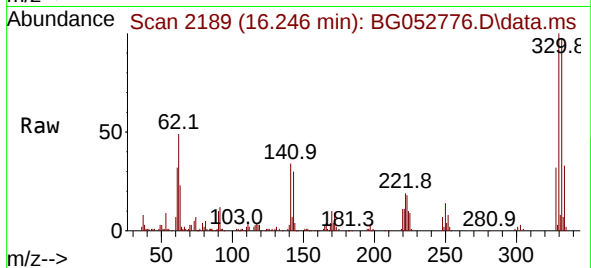
Tgt Ion:330 Resp: 96424

Ion Ratio Lower Upper

330 100

332 97.7 75.8 113.6

141 33.3 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 29.956 ng

RT: 13.391 min Scan# 1703

Delta R.T. -0.015 min

Lab File: BG052776.D

Acq: 21 Mar 2022 20:25

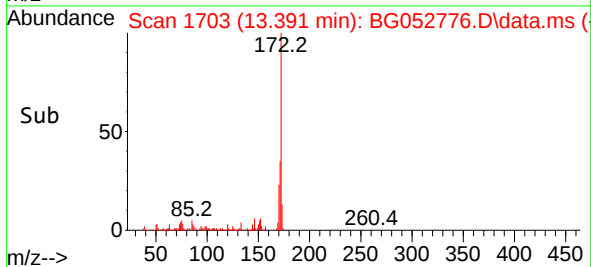
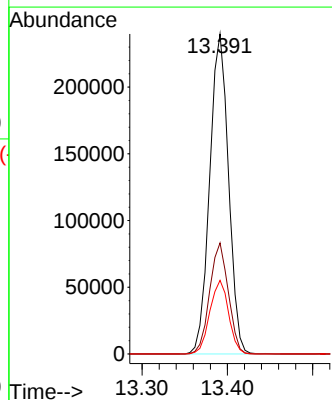
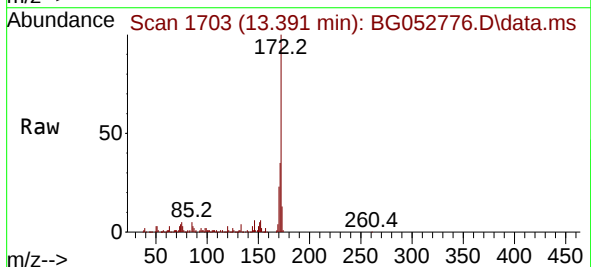
Tgt Ion:172 Resp: 366707

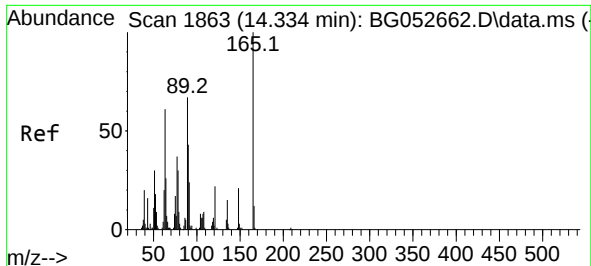
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 18.0 27.0

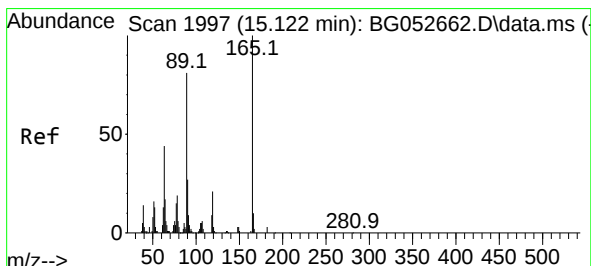
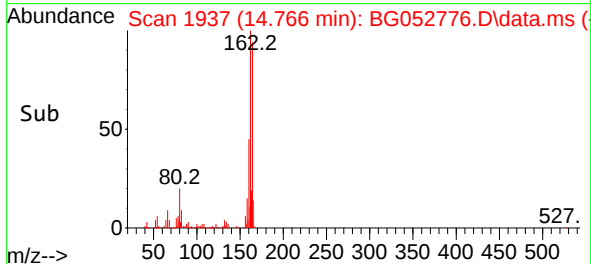
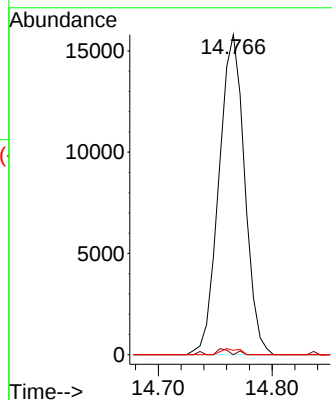
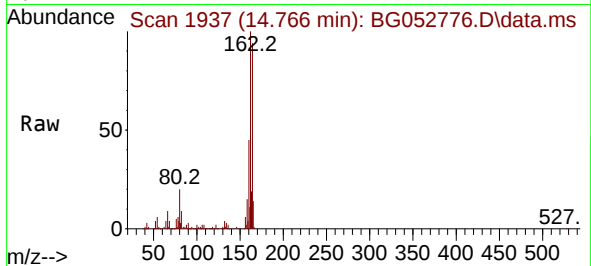




#51
2,6-Dinitrotoluene
Concen: 10.937 ng
RT: 14.766 min Scan# 1937
Delta R.T. 0.431 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

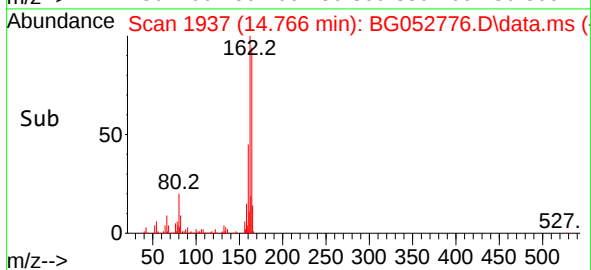
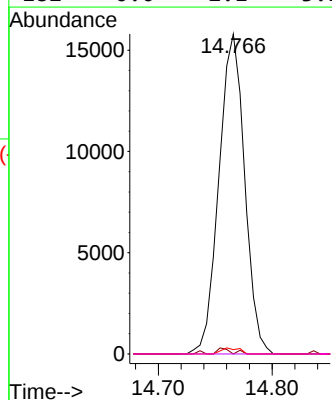
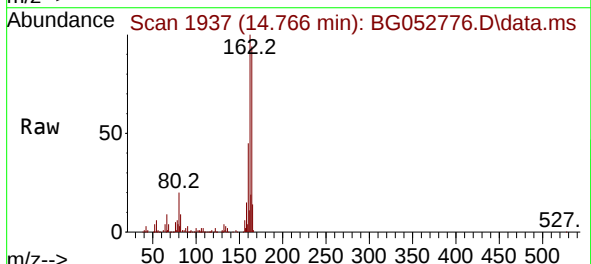
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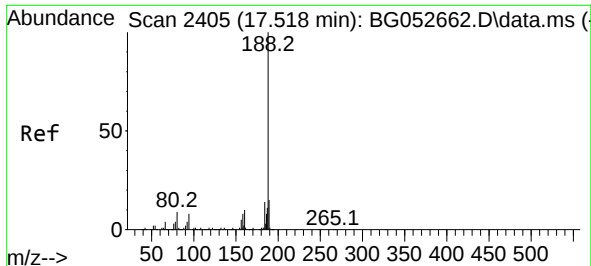
Tgt Ion:165 Resp: 24778
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 1.4 45.0 67.4#



#57
2,4-Dinitrotoluene
Concen: 7.883 ng
RT: 14.766 min Scan# 1937
Delta R.T. -0.356 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

Tgt Ion:165 Resp: 24778
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 1.4 57.4 86.0#
182 0.0 2.1 3.1#

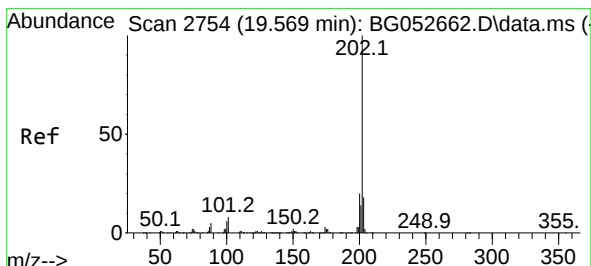
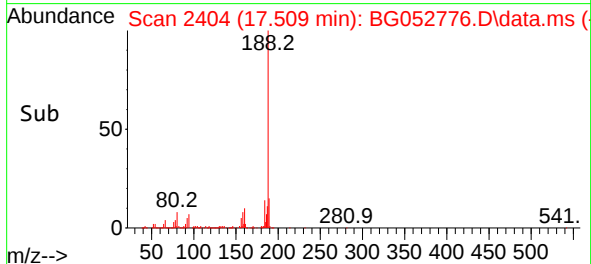
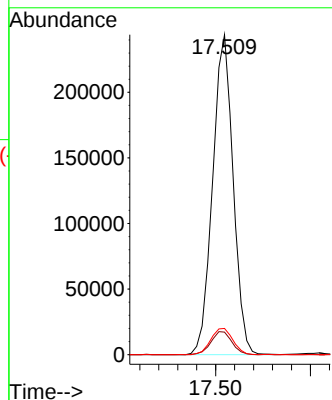
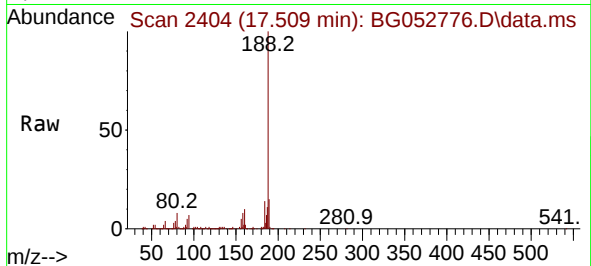




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.509 min Scan# 2404
Delta R.T. -0.009 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

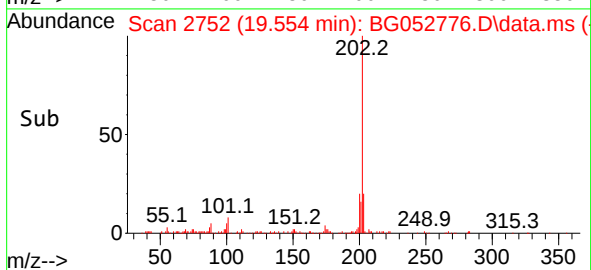
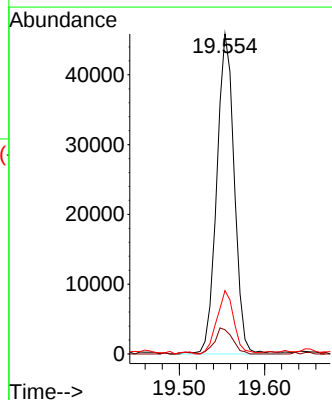
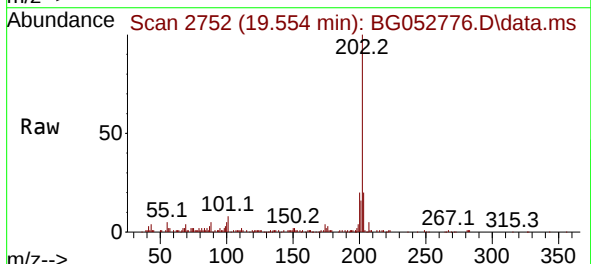
Instrument :
BNA_G
ClientSampleId :
SP2

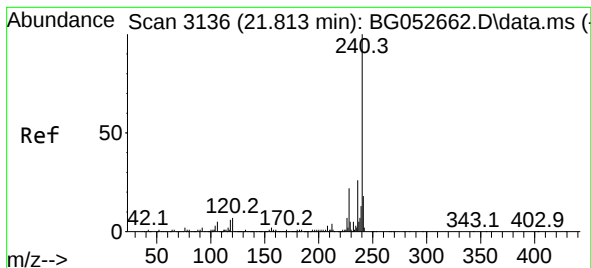
Tgt Ion:188 Resp: 366702
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.2 7.2 10.8



#75
Fluoranthene
Concen: 2.640 ng
RT: 19.554 min Scan# 2752
Delta R.T. -0.015 min
Lab File: BG052776.D
Acq: 21 Mar 2022 20:25

Tgt Ion:202 Resp: 65748
Ion Ratio Lower Upper
202 100
101 7.6 0.0 27.3
203 19.8 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.798 min Scan# 31

Delta R.T. -0.015 min

Lab File: BG052776.D

Acq: 21 Mar 2022 20:25

Instrument :

BNA_G

ClientSampleId :

SP2

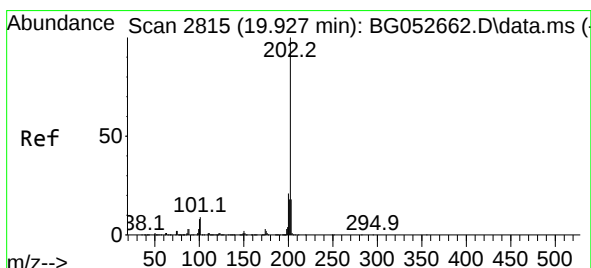
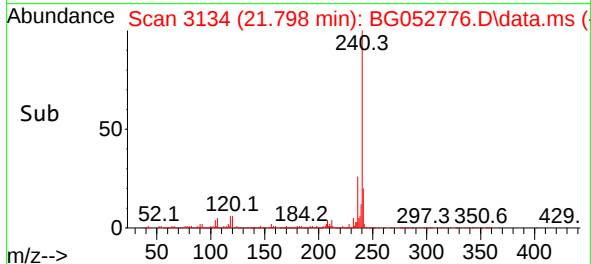
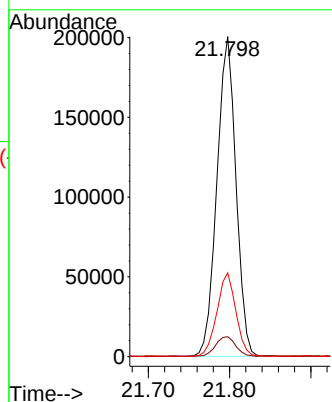
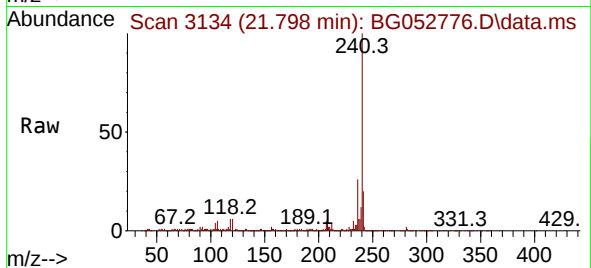
Tgt Ion:240 Resp: 326803

Ion Ratio Lower Upper

240 100

120 6.3 5.4 8.0

236 26.2 19.8 29.6



#78

Pyrene

Concen: 2.521 ng

RT: 19.912 min Scan# 2813

Delta R.T. -0.015 min

Lab File: BG052776.D

Acq: 21 Mar 2022 20:25

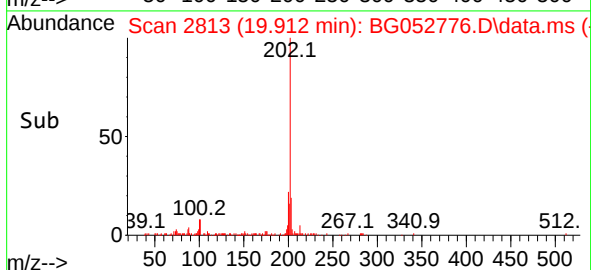
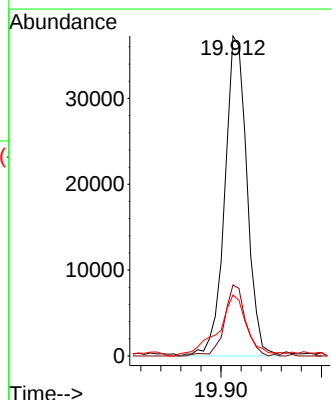
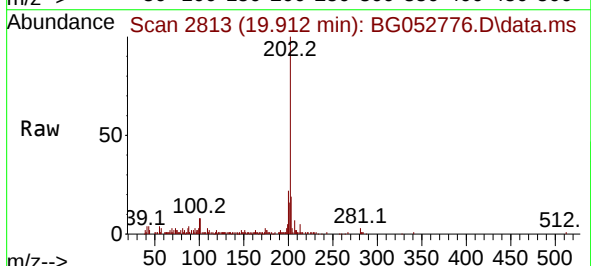
Tgt Ion:202 Resp: 57151

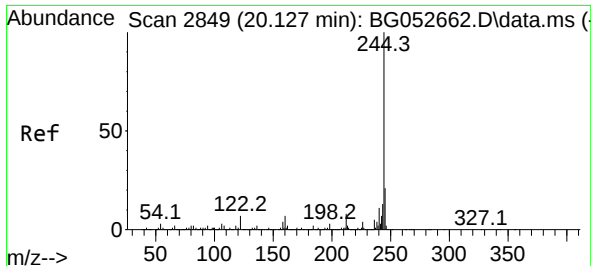
Ion Ratio Lower Upper

202 100

200 22.2 17.0 25.6

203 19.1 15.0 22.6

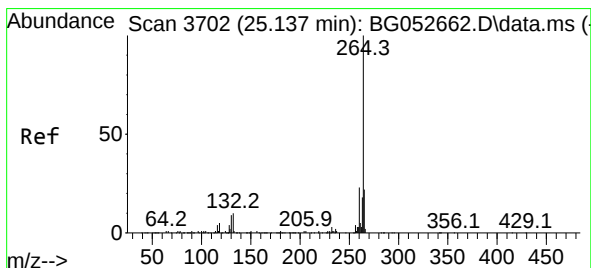
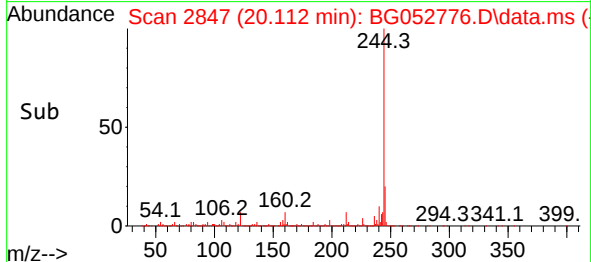
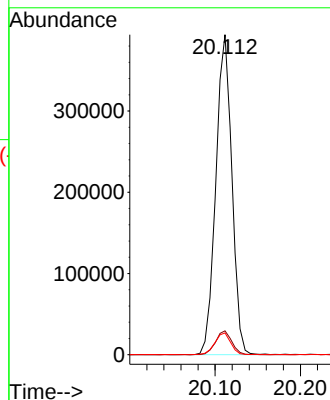
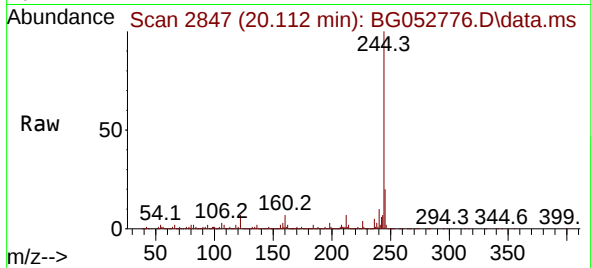




#79
 Terphenyl-d14
 Concen: 27.981 ng
 RT: 20.112 min Scan# 21
 Delta R.T. -0.015 min
 Lab File: BG052776.D
 Acq: 21 Mar 2022 20:25

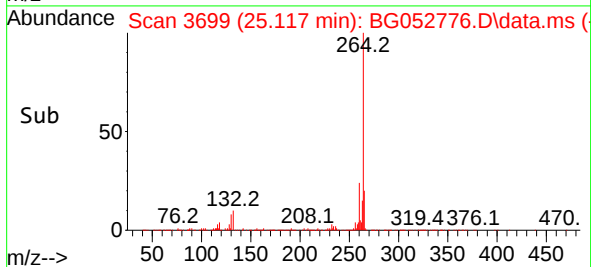
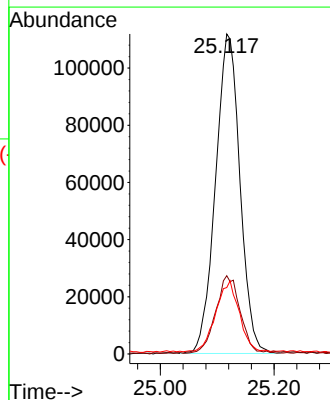
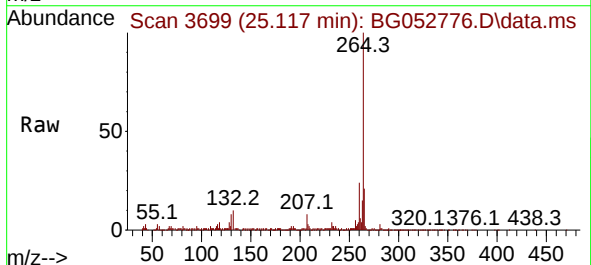
Instrument :
 BNA_G
 ClientSampleId :
 SP2

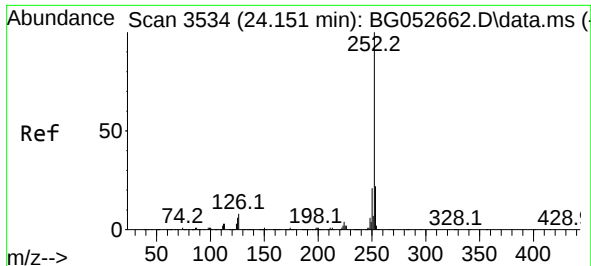
Tgt Ion:244 Resp: 514049
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.2
 122 6.8 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.117 min Scan# 3699
 Delta R.T. -0.021 min
 Lab File: BG052776.D
 Acq: 21 Mar 2022 20:25

Tgt Ion:264 Resp: 333257
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.2
 265 20.7 15.1 22.7





#89

Benzo(k)fluoranthene

Concen: 2.020 ng

RT: 24.065 min Scan# 3

Delta R.T. -0.085 min

Lab File: BG052776.D

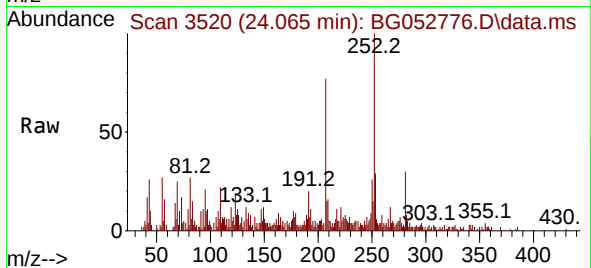
Acq: 21 Mar 2022 20:25

Instrument :

BNA_G

ClientSampleId :

SP2



Tgt Ion:252 Resp: 41120

Ion Ratio Lower Upper

252 100

253 29.4 17.4 26.0#

125 11.4 5.0 7.4#

