

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055597.D
 Acq On : 12 Nov 2022 20:08
 Operator : CG/JU
 Sample : N5583-01 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022

Quant Time: Nov 14 03:30:30 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

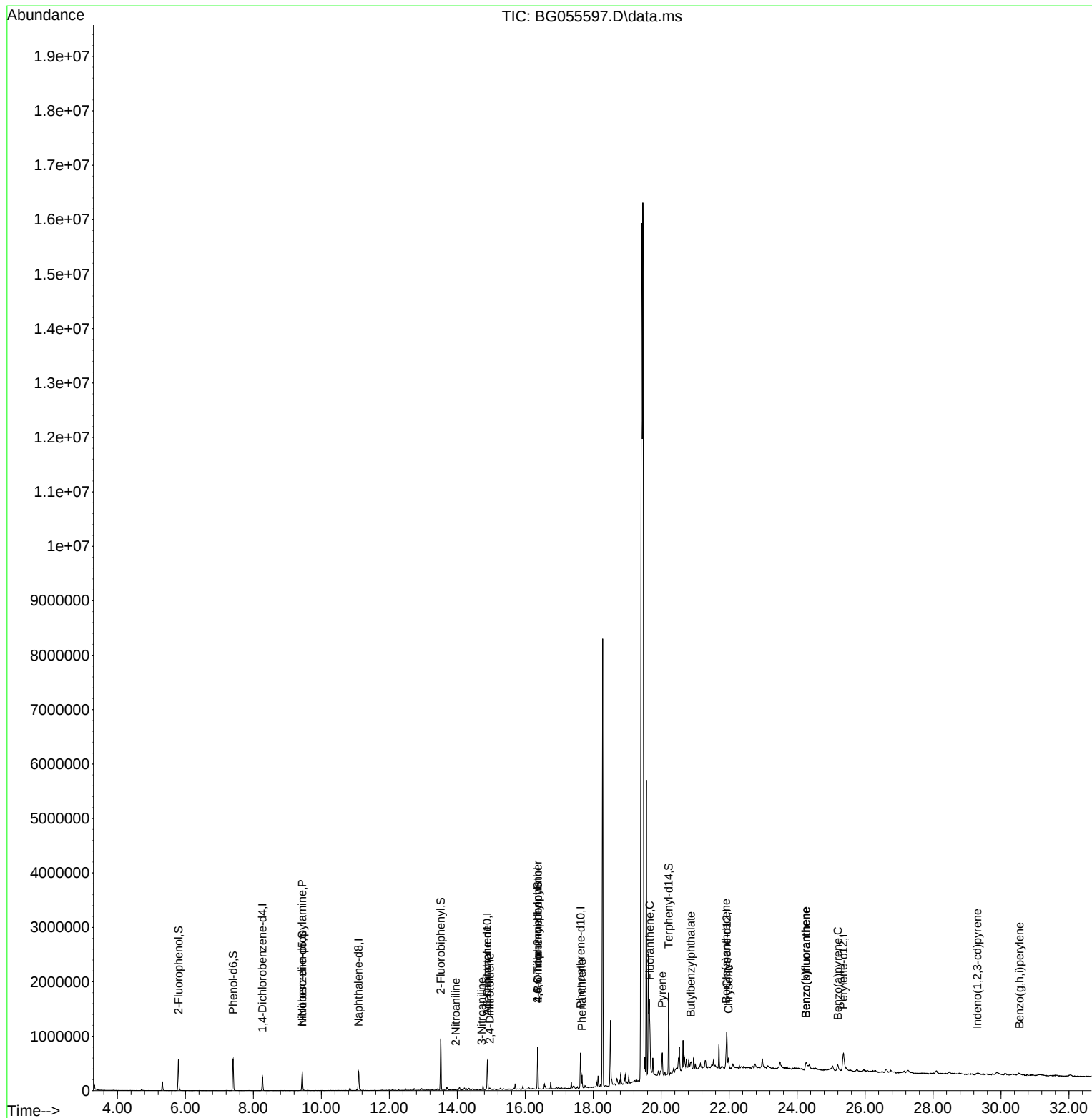
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	72446	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	299587	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	200315	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	419994	20.000	ng	0.00
76) Chrysene-d12	21.931	240	386248	20.000	ng	0.00
86) Perylene-d12	25.362	264	420932	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	257667	67.745	ng	0.00
7) Phenol-d6	7.407	99	340263	64.764	ng	0.00
23) Nitrobenzene-d5	9.440	82	206067	46.630	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	148950	76.209	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	501449	37.760	ng	0.00
79) Terphenyl-d14	20.221	244	743852	38.682	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	29308	6.750	ng	# 79
48) 2-Nitroaniline	13.958	65	62	3.807	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	28157	12.984	ng	# 23
53) 3-Nitroaniline	14.722	138	60	3.796	ng	# 1
57) 2,4-Dinitrotoluene	14.962	165	884	3.854	ng	# 54
65) 4,6-Dinitro-2-methylph...	16.367	198	467	2.350	ng	83
67) 4-Bromophenyl-phenylether	16.367	248	9895	2.309	ng	# 1
71) Phenanthrene	17.671	178	145871	6.462	ng	98
75) Fluoranthene	19.669	202	237068	8.807	ng	100
78) Pyrene	20.033	202	265364	10.151	ng	98
80) Butylbenzylphthalate	20.873	149	2504	3.598	ng	# 12
81) Benzo(a)anthracene	21.913	228	143831	5.437	ng	98
83) Chrysene	21.978	228	142450	5.662	ng	97
87) Indeno(1,2,3-cd)pyrene	29.304	276	81070	2.529	ng	95
88) Benzo(b)fluoranthene	24.263	252	200935	7.534	ng	96
89) Benzo(k)fluoranthene	24.263	252	200935	7.369	ng	96
90) Benzo(a)pyrene	25.198	252	144632	6.295	ng	# 94
92) Benzo(g,h,i)perylene	30.544	276	62506	2.409	ng	# 93

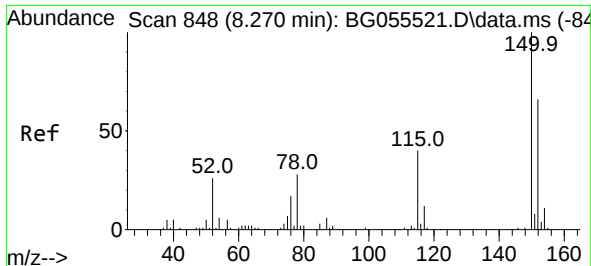
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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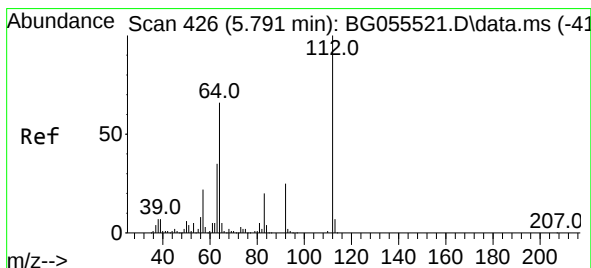
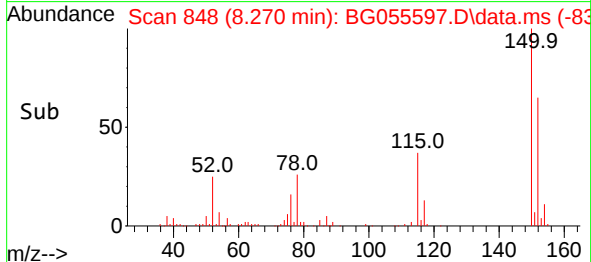
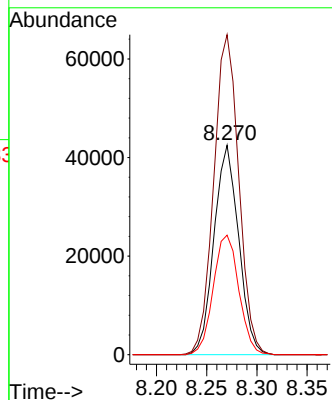
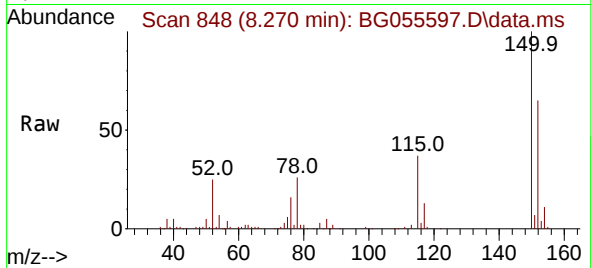




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

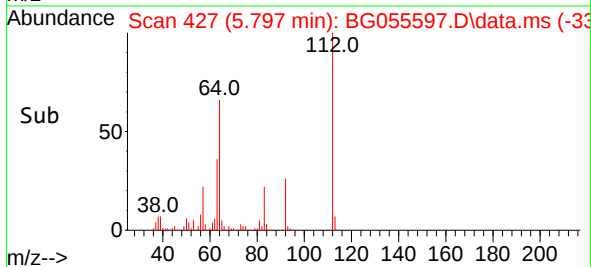
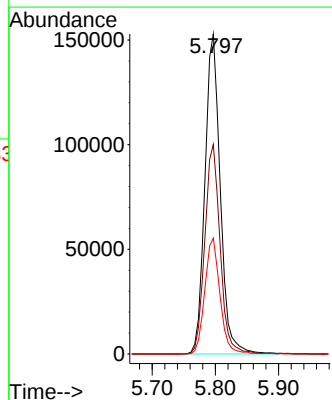
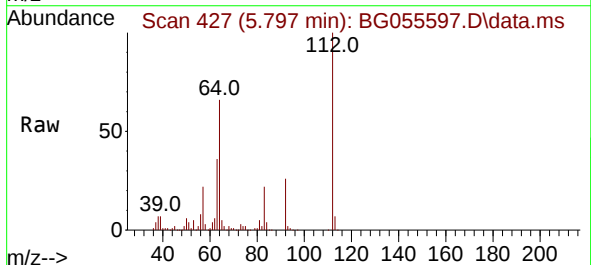
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

Tgt Ion:152 Resp: 72446
Ion Ratio Lower Upper
152 100
150 152.8 121.0 181.4
115 57.1 47.8 71.8



#5
2-Fluorophenol
Concen: 67.745 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:112 Resp: 257667
Ion Ratio Lower Upper
112 100
64 65.5 52.6 78.8
63 36.2 28.3 42.5

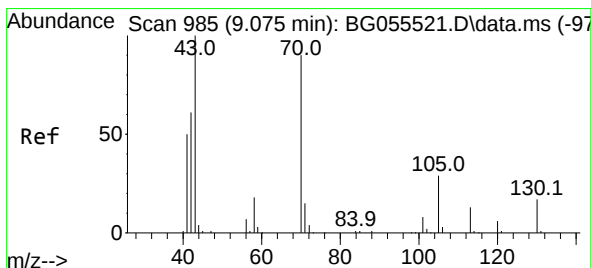
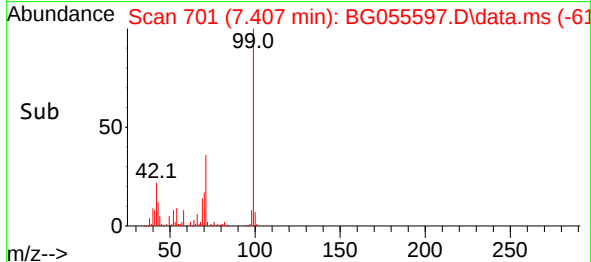
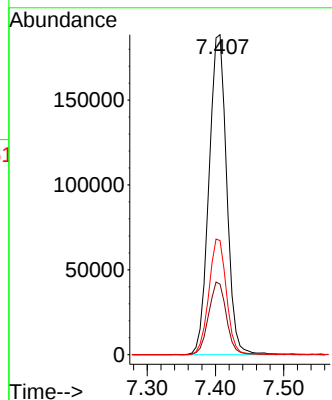
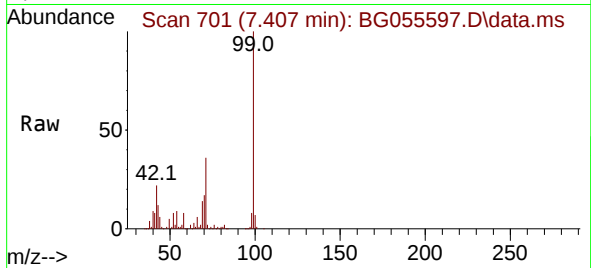




#7
Phenol-d6
Concen: 64.764 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

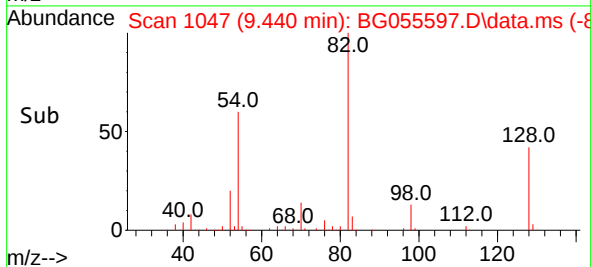
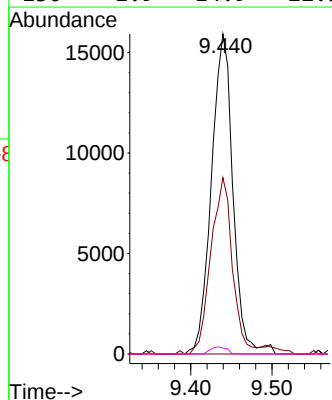
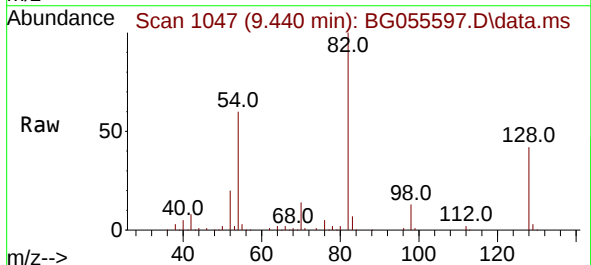
Instrument :
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ClientSampleId :
NB-08-111022

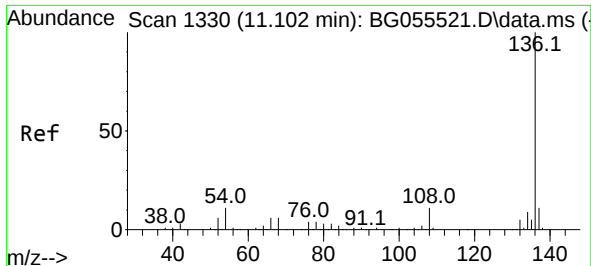
Tgt Ion: 99 Resp: 340263
Ion Ratio Lower Upper
99 100
42 22.1 17.5 26.3
71 35.7 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.750 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion: 70 Resp: 29308
Ion Ratio Lower Upper
70 100
42 55.1 54.8 82.2
101 0.0 6.8 10.2#
130 1.9 14.9 22.3#

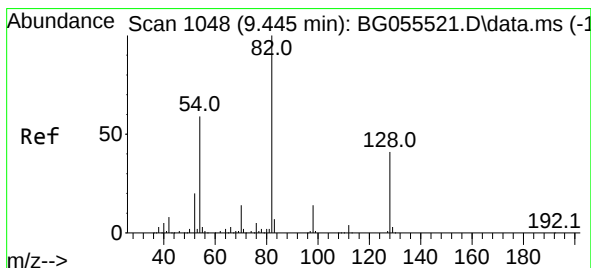
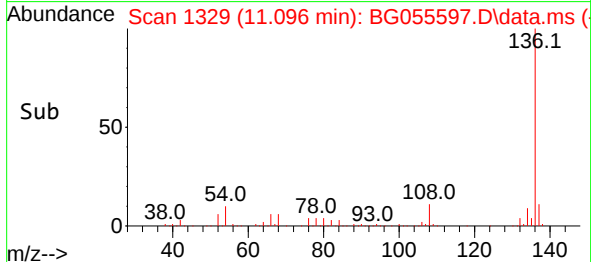
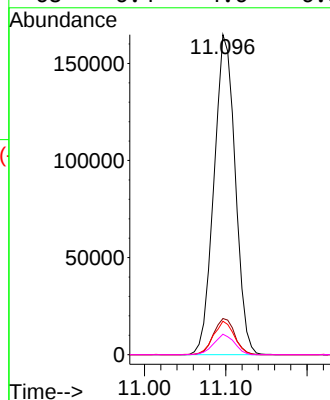
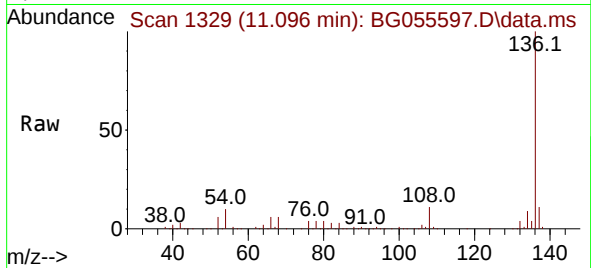




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

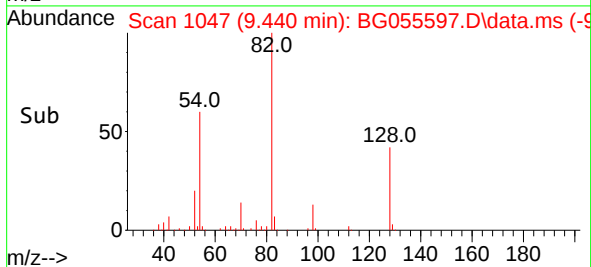
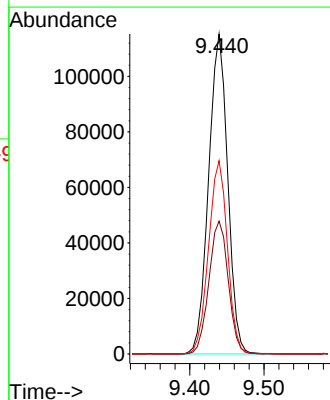
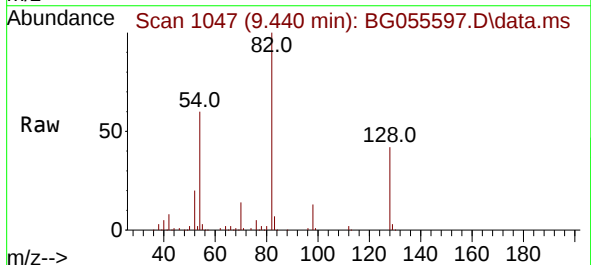
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

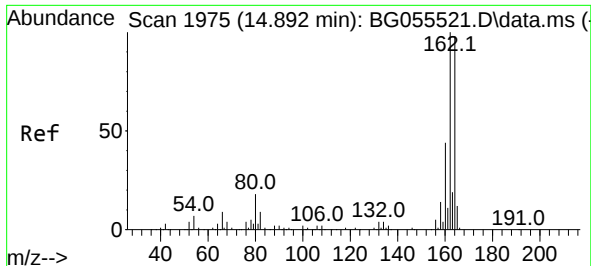
Tgt Ion	136	Resp:	299587
	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	10.5	8.6	12.8
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 46.630 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion: 82	Resp: 206067
Ion Ratio	Lower Upper
82 100	
128 41.5	32.6 49.0
54 60.4	47.3 70.9

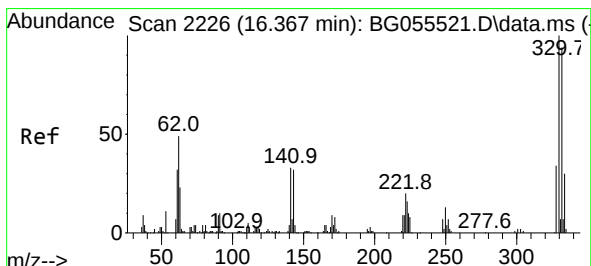
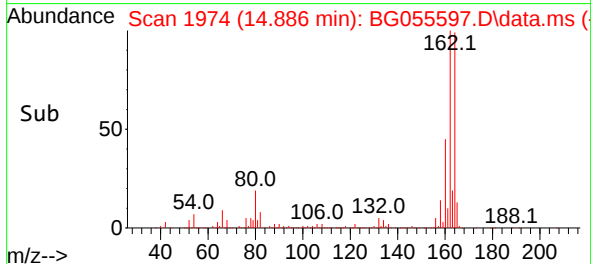
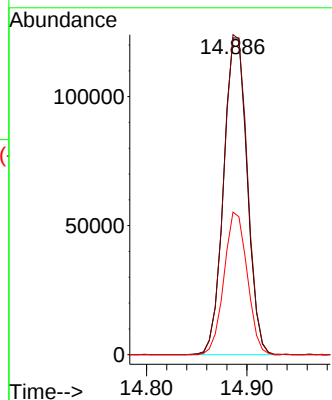
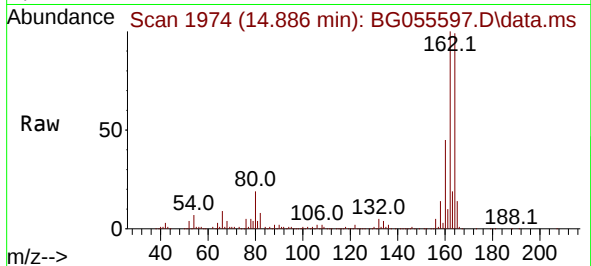




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1975
Delta R.T. -0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

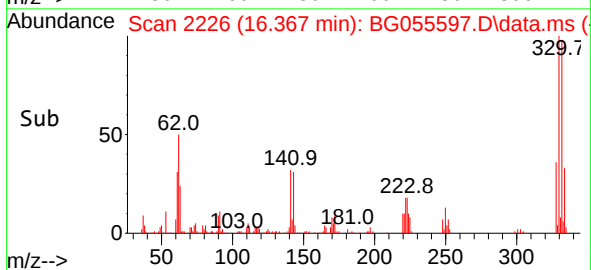
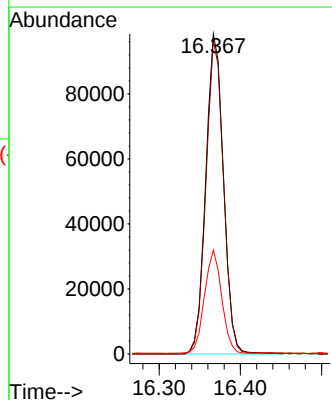
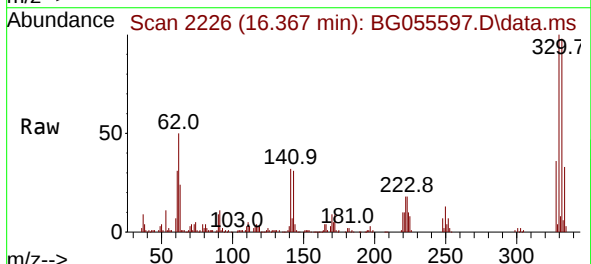
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

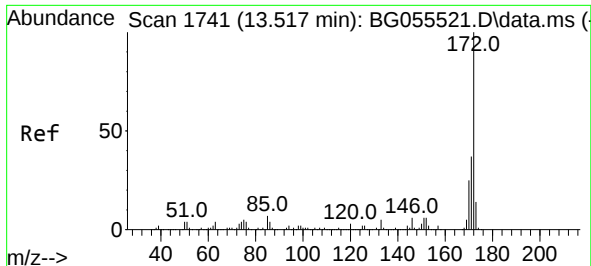
Tgt Ion:164 Resp: 200315
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 45.0 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 76.209 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:330 Resp: 148950
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.2
141 31.3 25.4 38.2

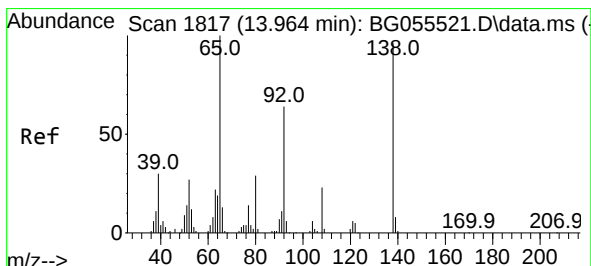
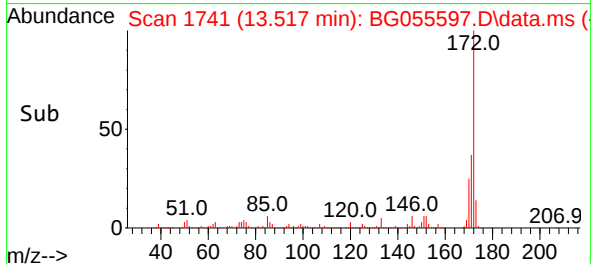
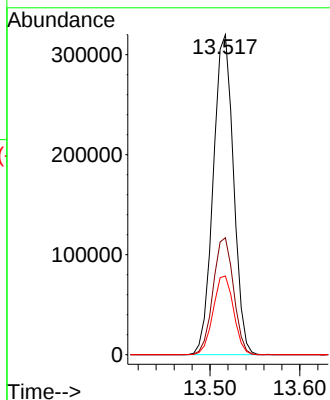
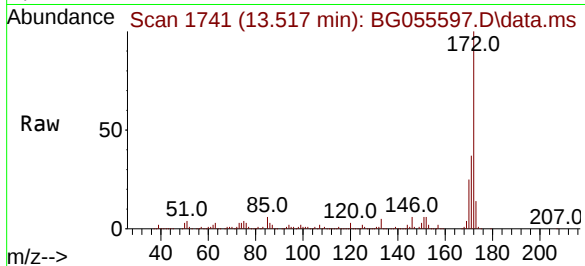




#45
2-Fluorobiphenyl
Concen: 37.760 ng
RT: 13.517 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

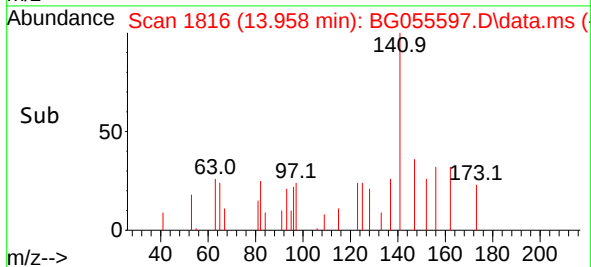
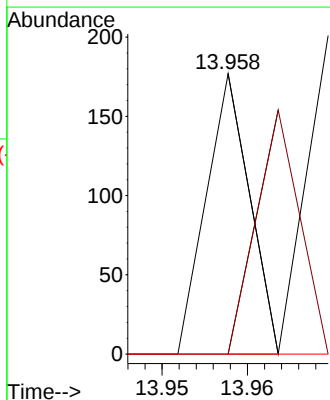
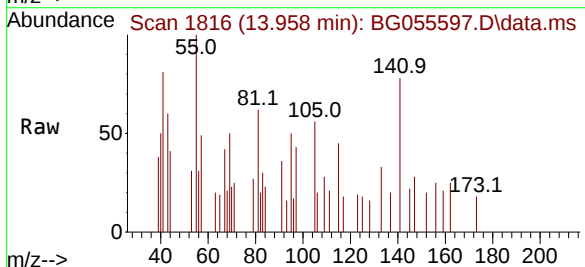
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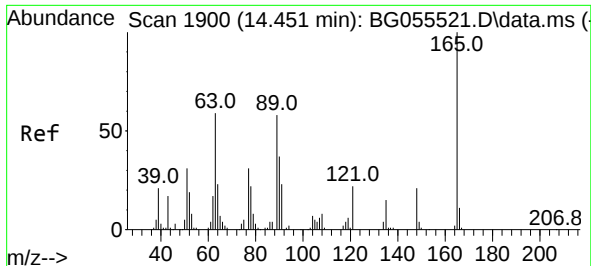
Tgt Ion:172 Resp: 501449
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 3.807 ng
RT: 13.958 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion: 65 Resp: 62
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

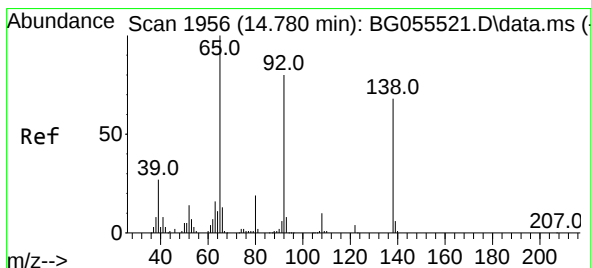
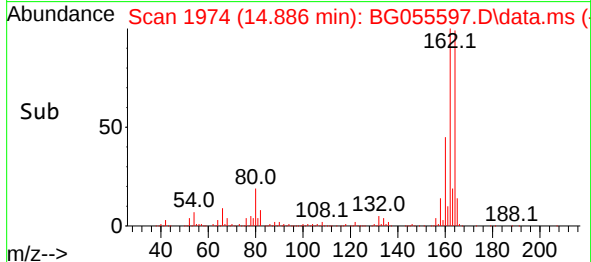
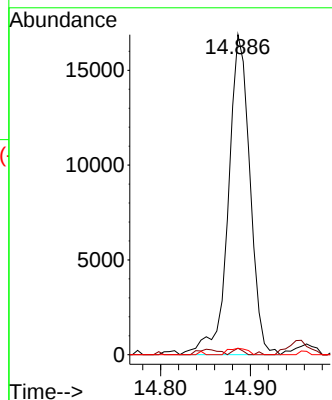
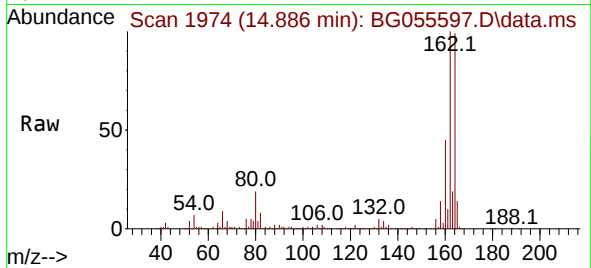




#51
2,6-Dinitrotoluene
Concen: 12.984 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

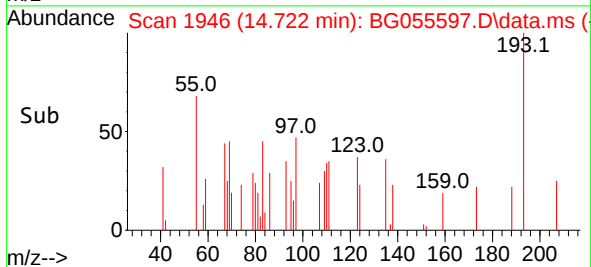
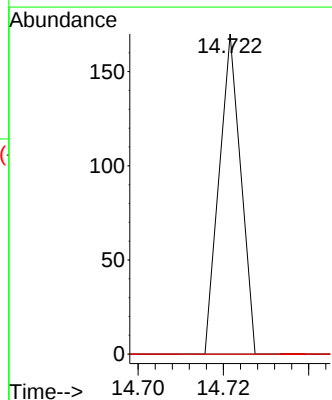
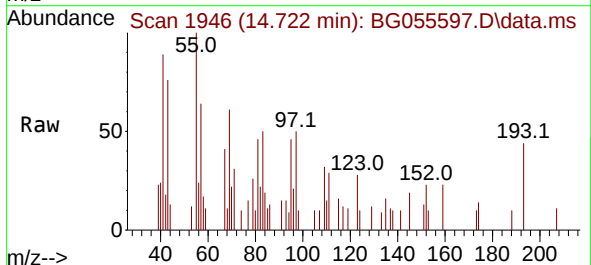
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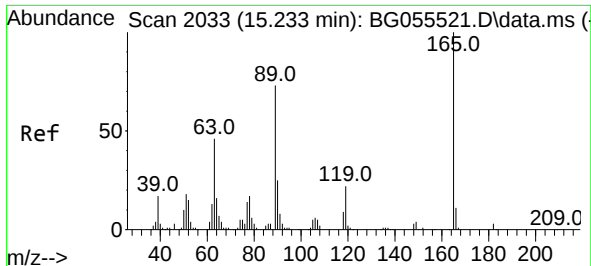
Tgt Ion:165 Resp: 28157
Ion Ratio Lower Upper
165 100
63 2.0 50.1 75.1#
89 2.0 46.5 69.7#



#53
3-Nitroaniline
Concen: 3.796 ng
RT: 14.722 min Scan# 1946
Delta R.T. -0.058 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:138 Resp: 60
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#

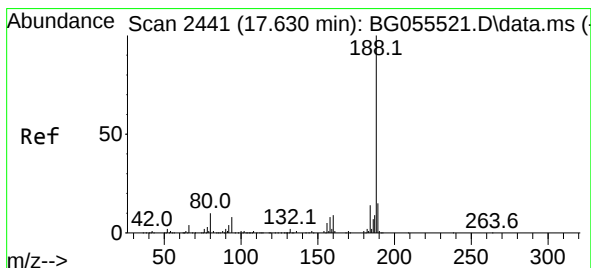
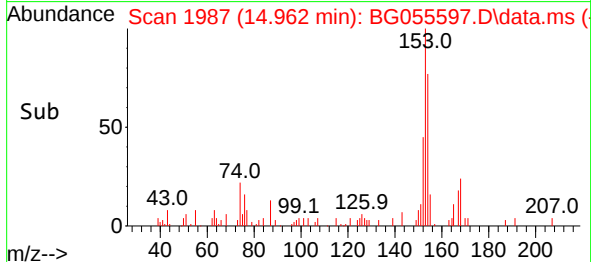
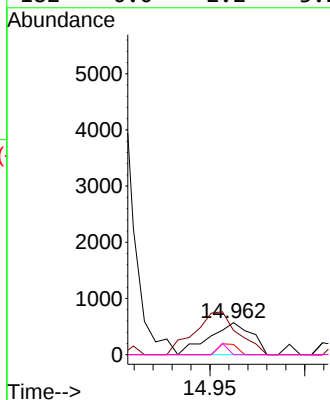
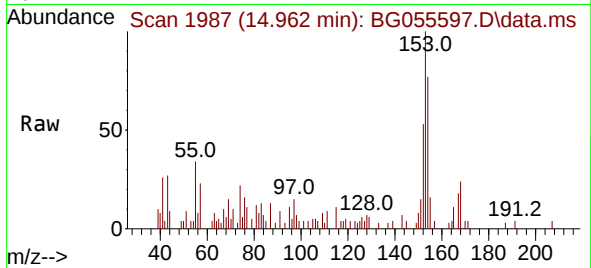




#57
2,4-Dinitrotoluene
Concen: 3.854 ng
RT: 14.962 min Scan# 1987
Delta R.T. -0.271 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

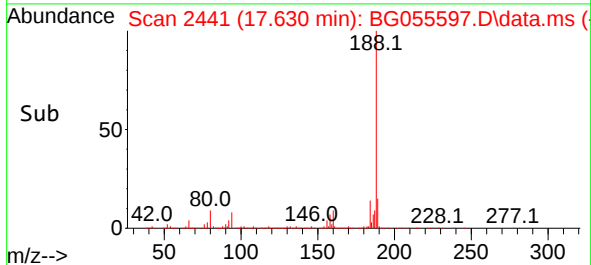
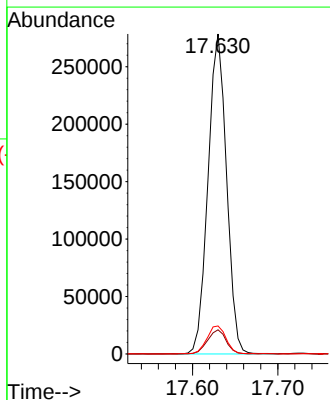
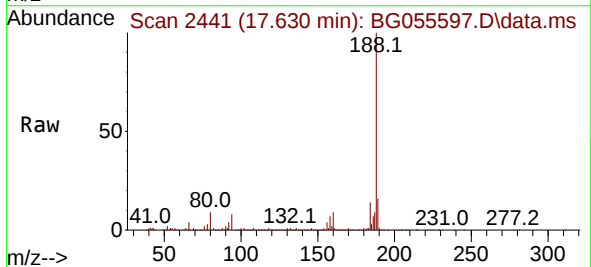
Instrument :
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NB-08-111022

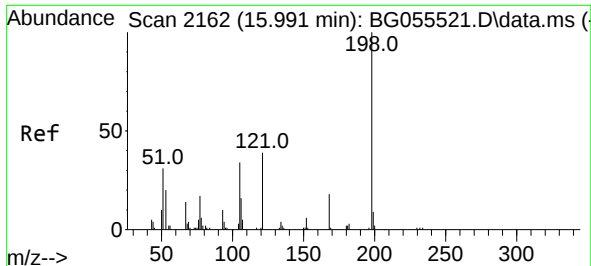
Tgt Ion:165 Resp: 884
Ion Ratio Lower Upper
165 100
63 75.4 37.0 55.4#
89 31.8 58.6 87.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:188 Resp: 419994
Ion Ratio Lower Upper
188 100
94 7.6 6.4 9.6
80 8.7 7.6 11.4

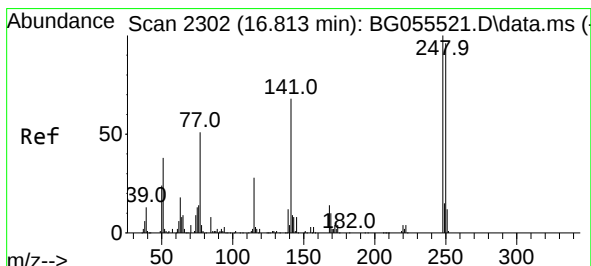
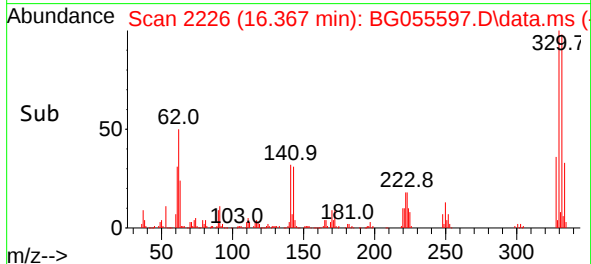
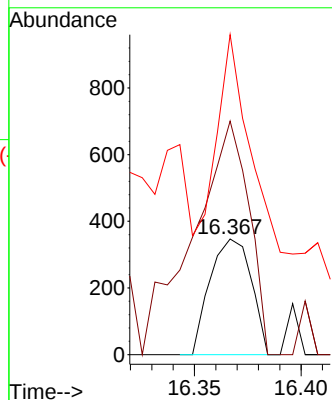
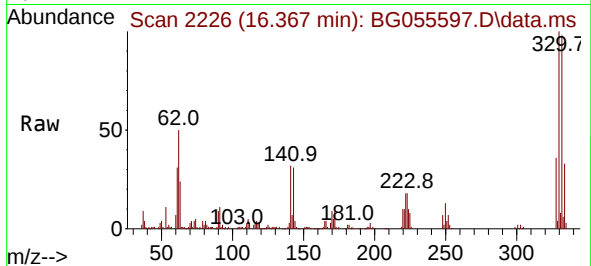




#65
4,6-Dinitro-2-methylphenol
Concen: 2.350 ng
RT: 16.367 min Scan# 2162
Delta R.T. 0.376 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

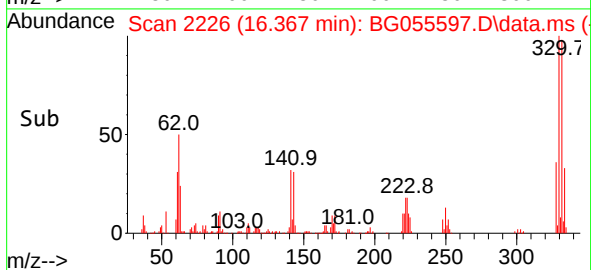
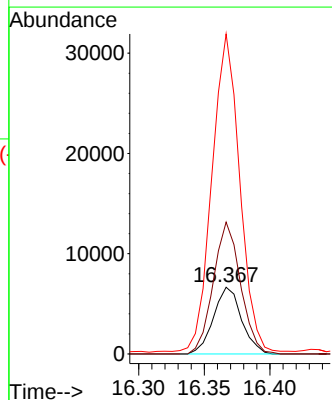
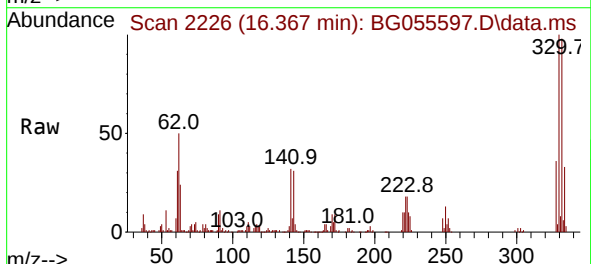
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

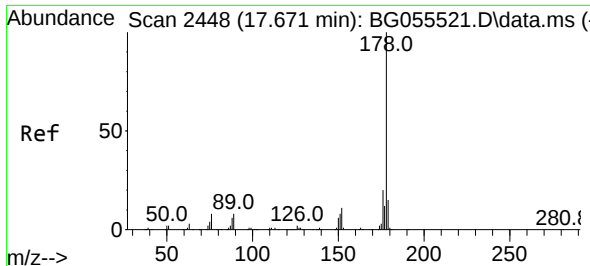
Tgt Ion:198 Resp: 467
Ion Ratio Lower Upper
198 100
51 40.9 24.7 64.7
105 56.0 17.6 57.6



#67
4-Bromophenyl-phenylether
Concen: 2.309 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.446 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:248 Resp: 9895
Ion Ratio Lower Upper
248 100
250 197.8 76.9 115.3#
141 480.0 54.3 81.5#

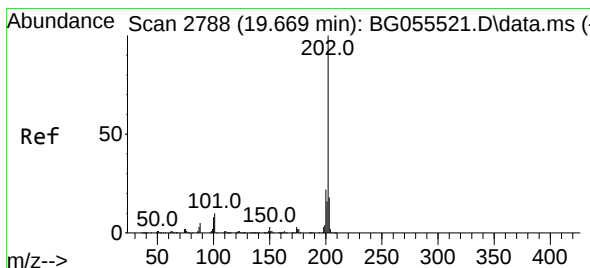
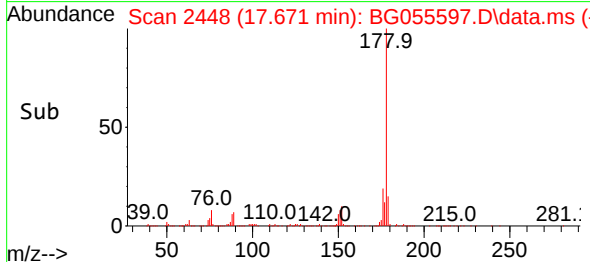
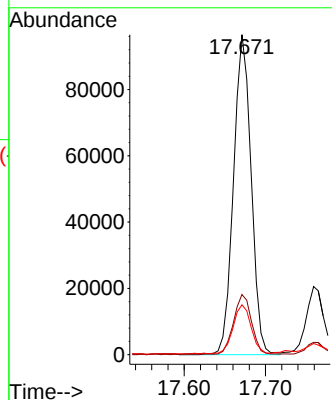
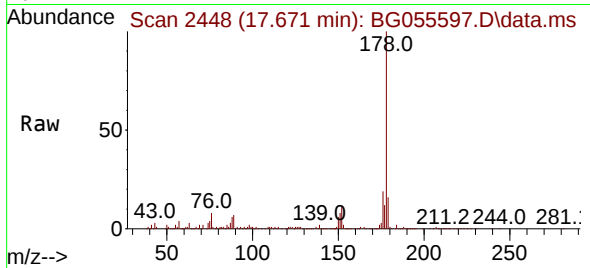




#71
Phenanthrene
Concen: 6.462 ng
RT: 17.671 min Scan# 2448
Delta R.T. 0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

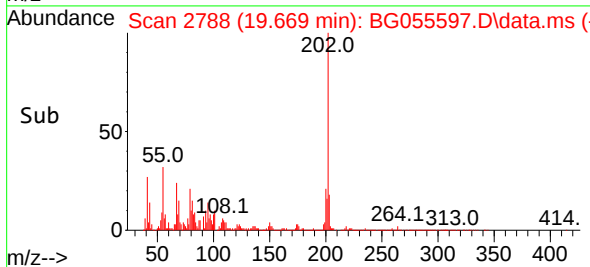
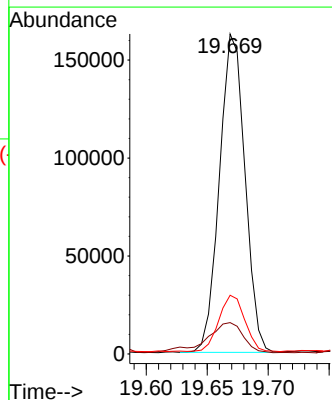
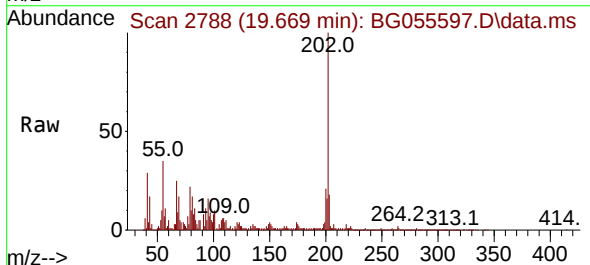
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

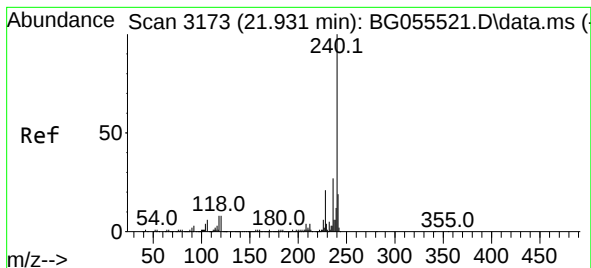
Tgt Ion:178 Resp: 145871
Ion Ratio Lower Upper
178 100
176 18.8 16.1 24.1
179 15.6 12.2 18.4



#75
Fluoranthene
Concen: 8.807 ng
RT: 19.669 min Scan# 2788
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:202 Resp: 237068
Ion Ratio Lower Upper
202 100
101 9.8 0.0 29.8
203 18.3 0.0 38.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.931 min Scan# 31

Delta R.T. -0.000 min

Lab File: BG055597.D

Acq: 12 Nov 2022 20:08

Instrument :

BNA_G

ClientSampleId :

NB-08-111022

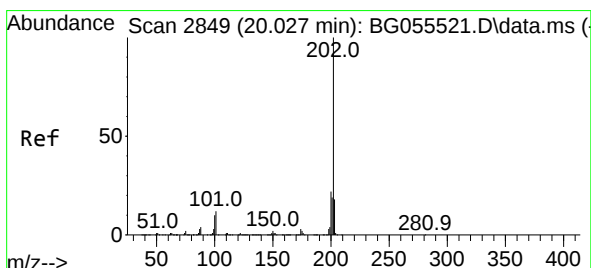
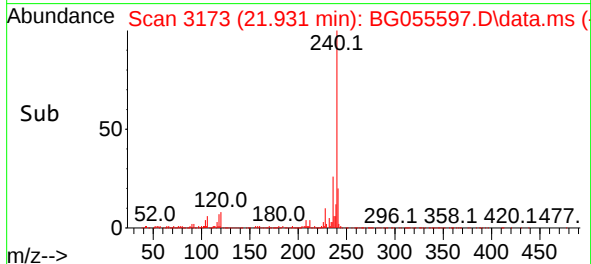
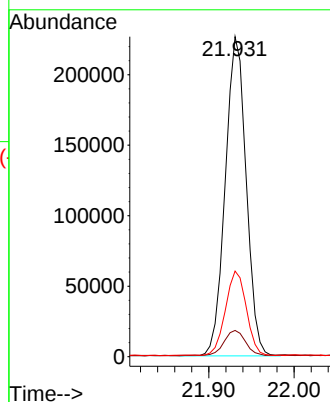
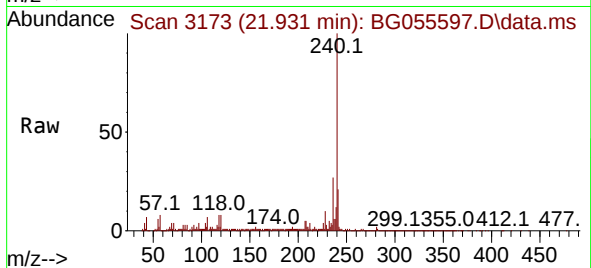
Tgt Ion:240 Resp: 386248

Ion Ratio Lower Upper

240 100

120 8.2 6.1 9.1

236 26.8 21.4 32.0



#78

Pyrene

Concen: 10.151 ng

RT: 20.033 min Scan# 2850

Delta R.T. 0.006 min

Lab File: BG055597.D

Acq: 12 Nov 2022 20:08

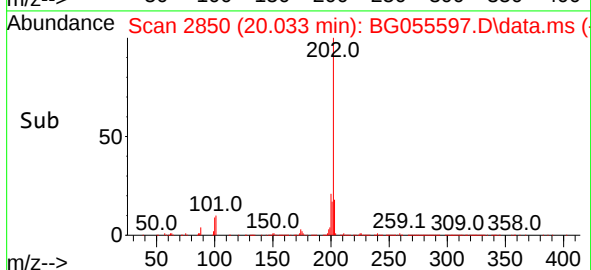
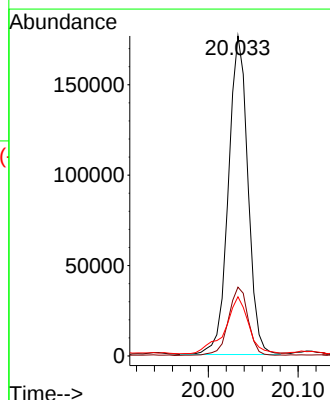
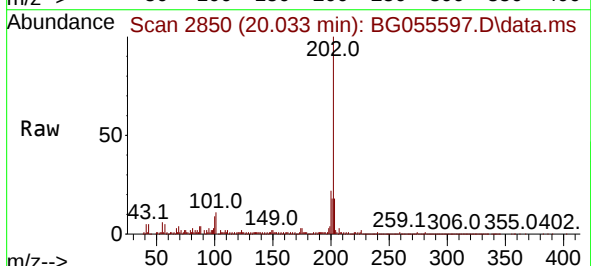
Tgt Ion:202 Resp: 265364

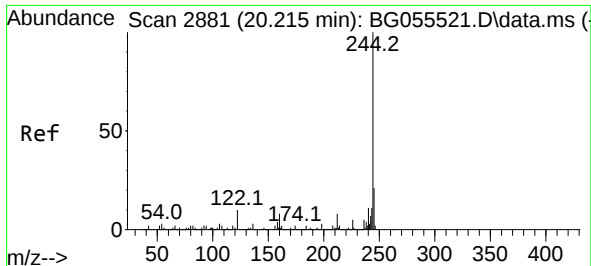
Ion Ratio Lower Upper

202 100

200 21.5 18.0 27.0

203 18.5 14.2 21.2

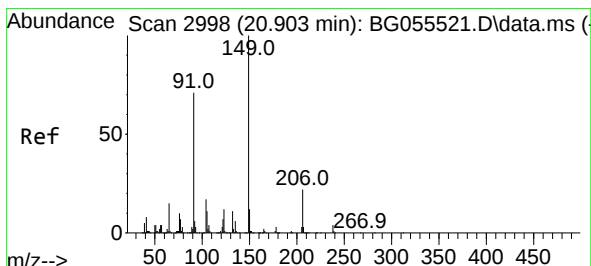
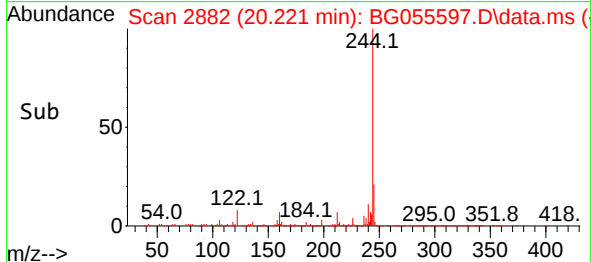
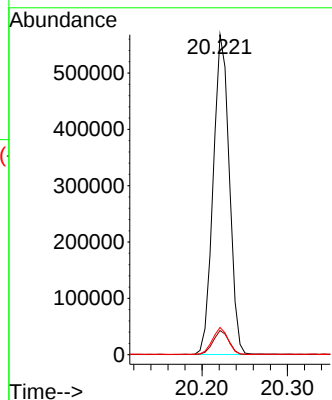
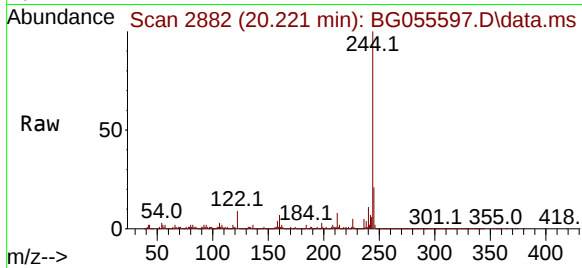




#79
 Terphenyl-d14
 Concen: 38.682 ng
 RT: 20.221 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG055597.D
 Acq: 12 Nov 2022 20:08

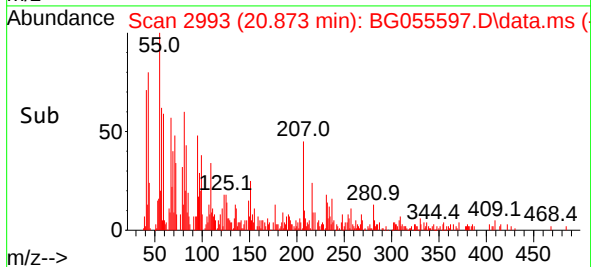
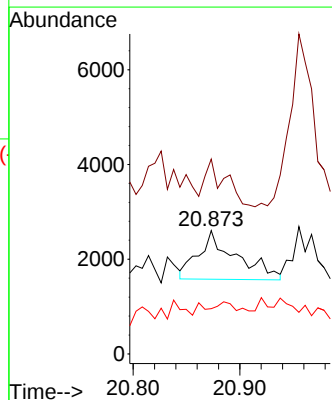
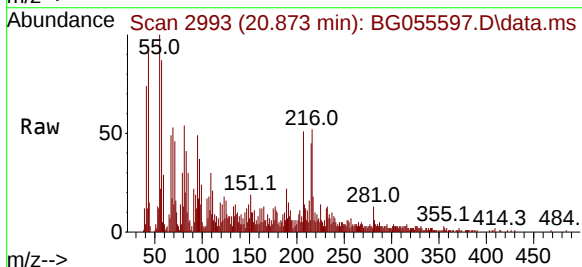
Instrument :
 BNA_G
 ClientSampleId :
 NB-08-111022

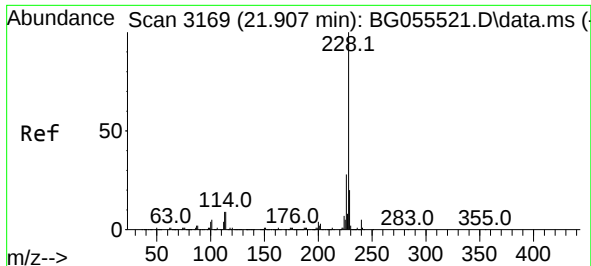
Tgt Ion:244 Resp: 743852
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 8.5 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.598 ng
 RT: 20.873 min Scan# 2993
 Delta R.T. -0.030 min
 Lab File: BG055597.D
 Acq: 12 Nov 2022 20:08

Tgt Ion:149 Resp: 2504
 Ion Ratio Lower Upper
 149 100
 91 158.0 56.8 85.2#
 206 36.8 17.3 25.9#

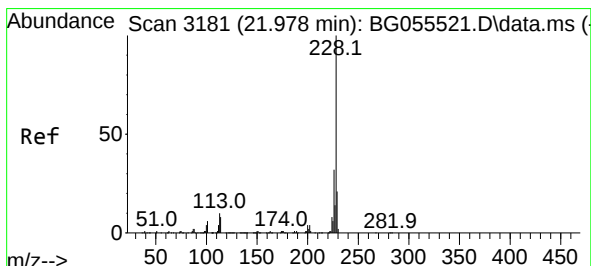
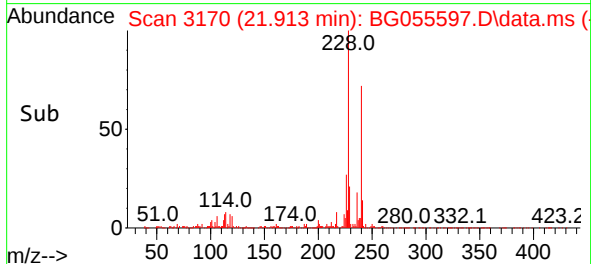
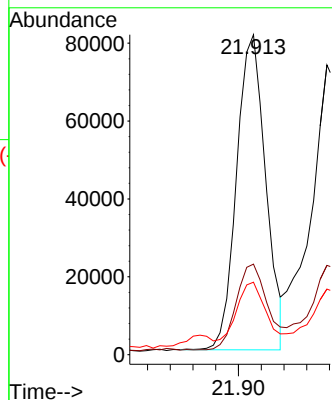
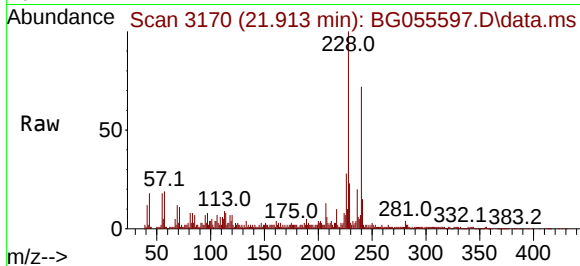




#81
Benzo(a)anthracene
Concen: 5.437 ng
RT: 21.913 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

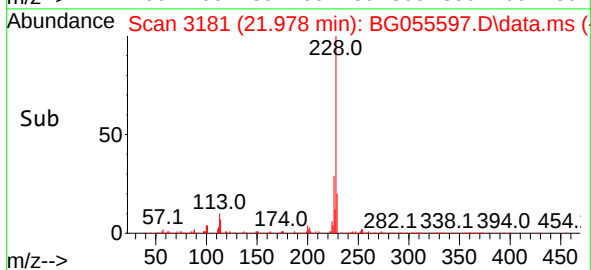
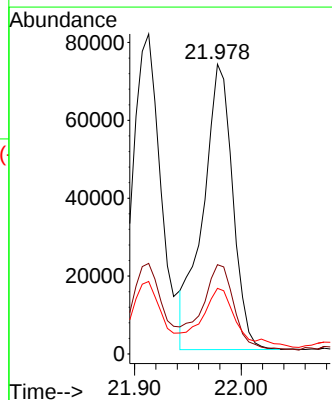
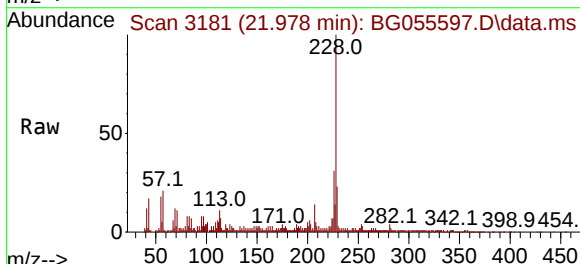
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

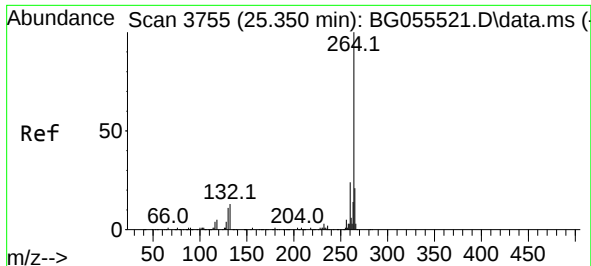
Tgt Ion:228 Resp: 143831
Ion Ratio Lower Upper
228 100
226 28.3 22.6 34.0
229 22.6 16.1 24.1



#83
Chrysene
Concen: 5.662 ng
RT: 21.978 min Scan# 3181
Delta R.T. -0.000 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:228 Resp: 142450
Ion Ratio Lower Upper
228 100
226 30.8 25.7 38.5
229 22.6 16.6 25.0

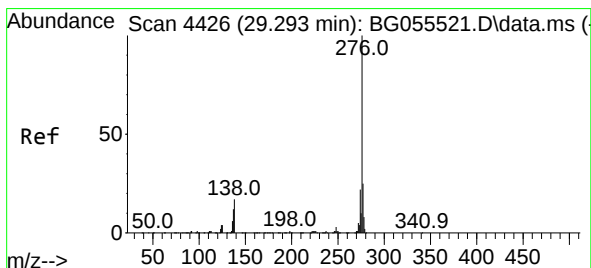
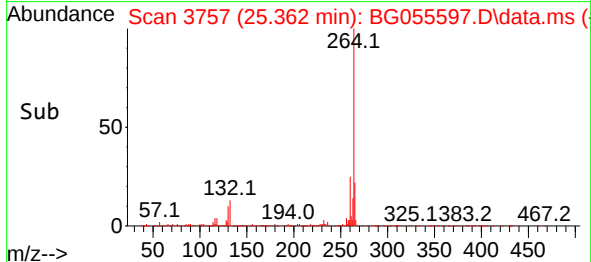
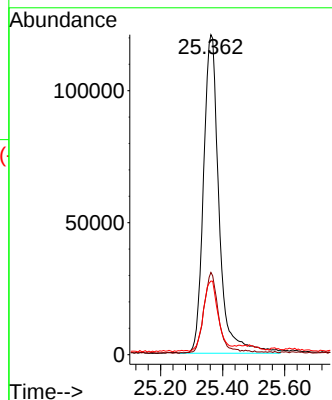
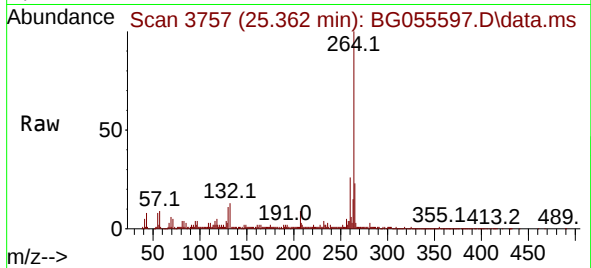




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.362 min Scan# 31
Delta R.T. 0.012 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

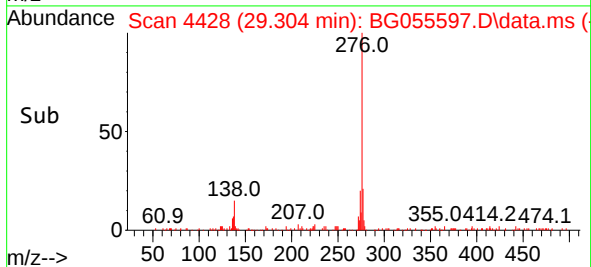
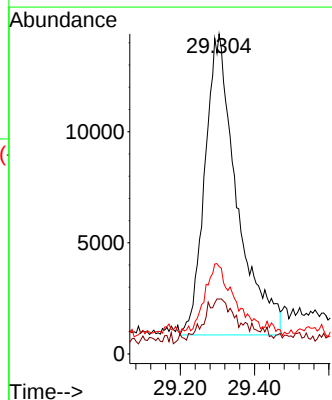
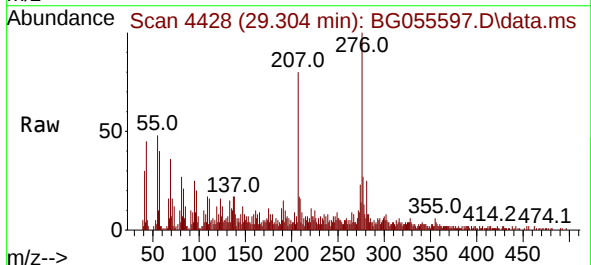
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

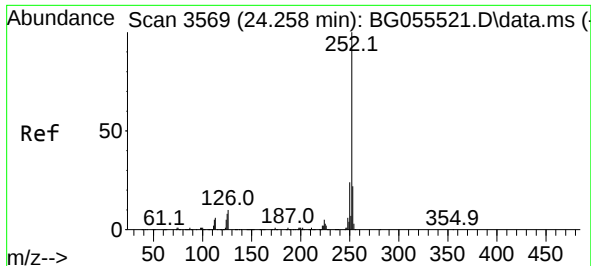
Tgt Ion:264 Resp: 420932
Ion Ratio Lower Upper
264 100
260 25.7 19.4 29.2
265 23.0 17.1 25.7



#87
Indeno(1,2,3-cd)pyrene
Concen: 2.529 ng
RT: 29.304 min Scan# 4428
Delta R.T. 0.011 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:276 Resp: 81070
Ion Ratio Lower Upper
276 100
138 12.3 11.5 17.3
277 23.3 20.4 30.6

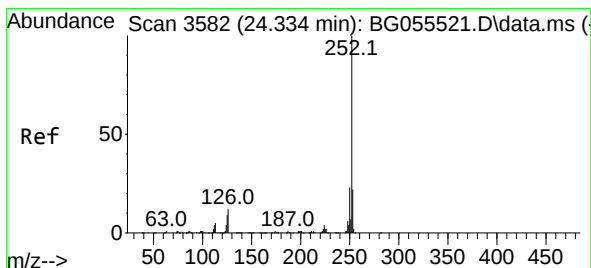
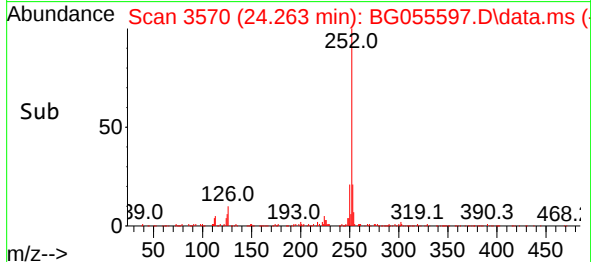
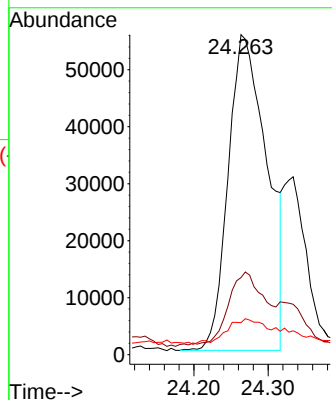
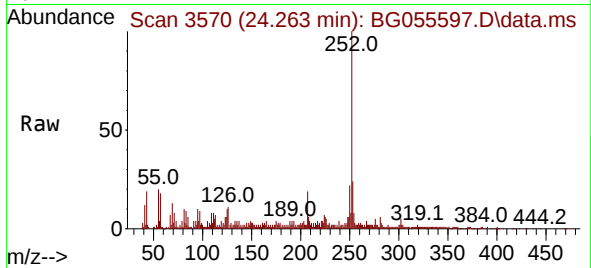




#88
Benzo(b)fluoranthene
Concen: 7.534 ng
RT: 24.263 min Scan# 3570
Delta R.T. 0.005 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

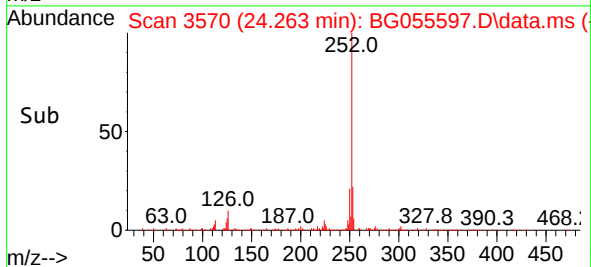
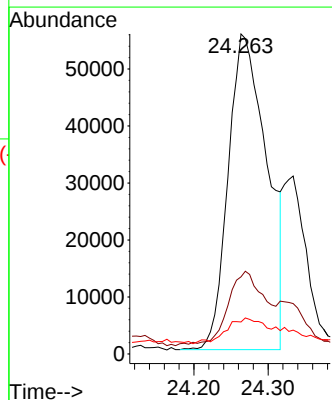
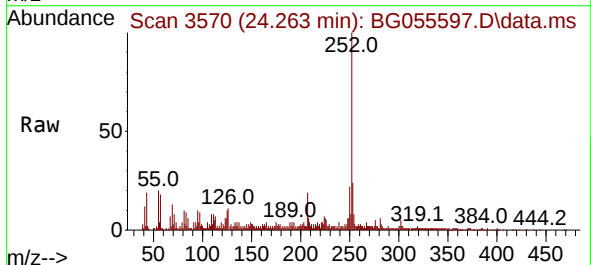
Instrument :
BNA_G
ClientSampleId :
NB-08-111022

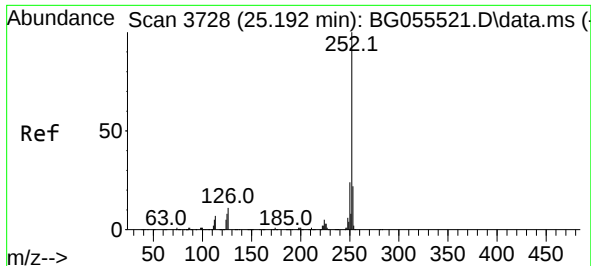
Tgt Ion:252 Resp: 200935
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 10.0 6.7 10.1



#89
Benzo(k)fluoranthene
Concen: 7.369 ng
RT: 24.263 min Scan# 3570
Delta R.T. -0.071 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:252 Resp: 200935
Ion Ratio Lower Upper
252 100
253 24.1 17.8 26.8
125 10.0 6.9 10.3

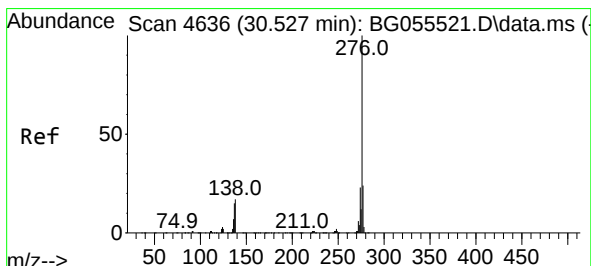
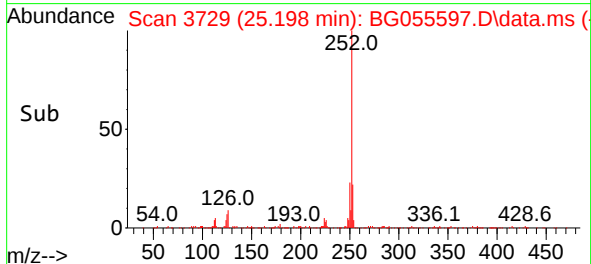
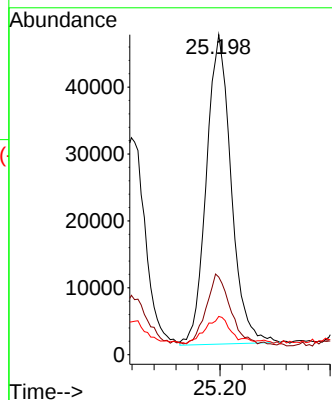
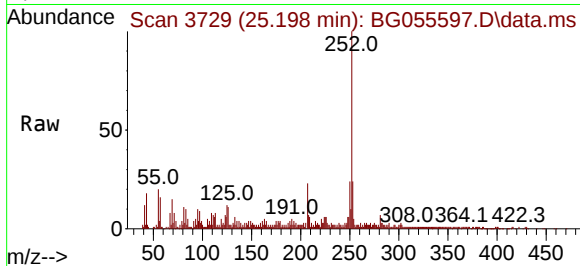




#90
Benzo(a)pyrene
Concen: 6.295 ng
RT: 25.198 min Scan# 31
Delta R.T. 0.006 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Instrument :
BNA_G
ClientSampleId :
NB-08-111022

Tgt Ion:252 Resp: 144632
Ion Ratio Lower Upper
252 100
253 24.3 17.8 26.6
125 12.0 6.7 10.1#



#92
Benzo(g,h,i)perylene
Concen: 2.409 ng
RT: 30.544 min Scan# 4639
Delta R.T. 0.017 min
Lab File: BG055597.D
Acq: 12 Nov 2022 20:08

Tgt Ion:276 Resp: 62506
Ion Ratio Lower Upper
276 100
277 29.2 19.3 28.9#
138 18.2 13.9 20.9

