

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
 Data File : BG055607.D
 Acq On : 14 Nov 2022 16:42
 Operator : CG/JU
 Sample : N5554-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RBR251374

Quant Time: Nov 15 01:02:31 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)

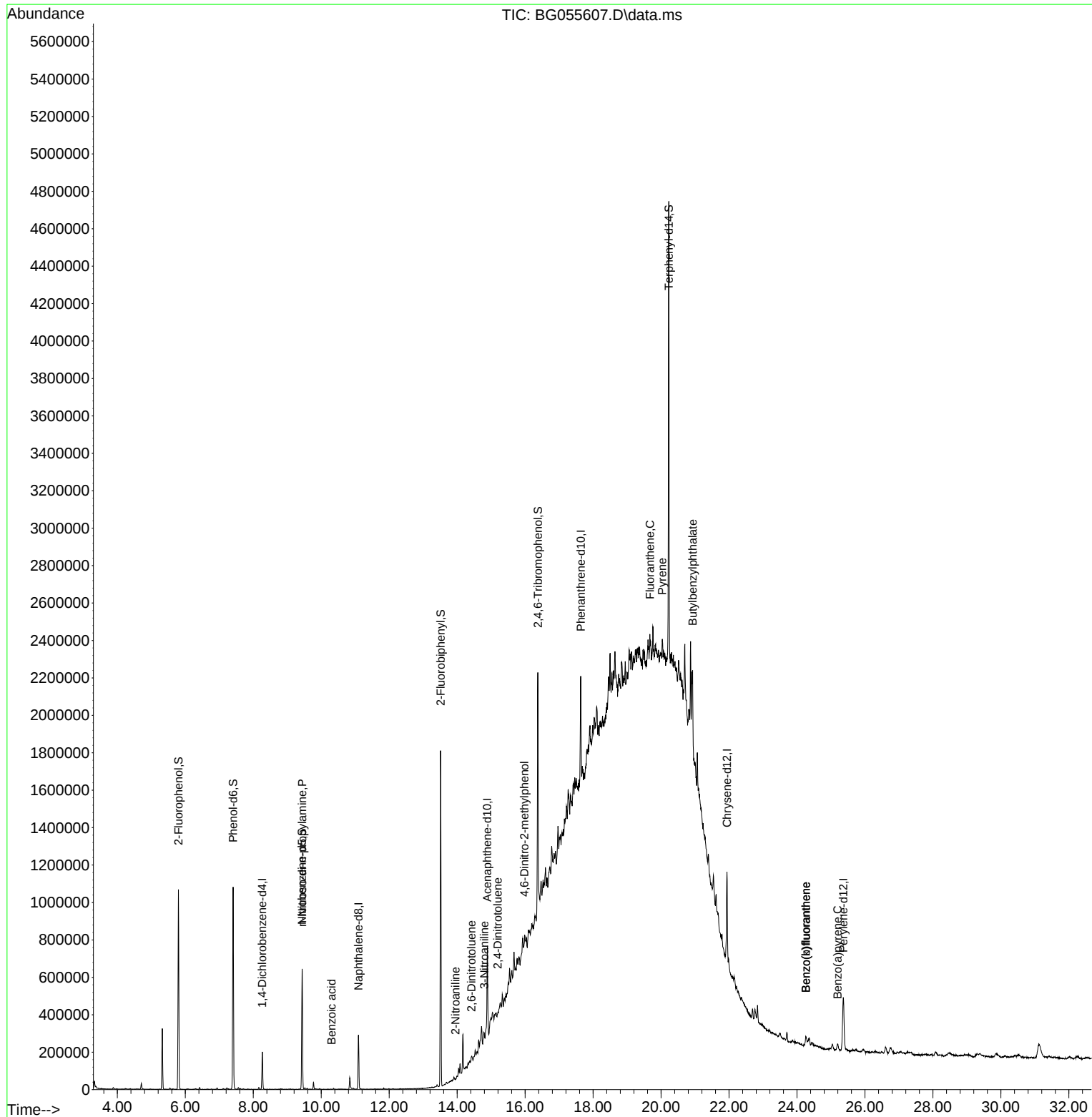
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	56295	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	244325	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	158436	20.000	ng	0.00
64) Phenanthrene-d10	17.636	188	310105	20.000	ng	# 0.00
76) Chrysene-d12	21.937	240	311505	20.000	ng	0.00
86) Perylene-d12	25.363	264	331269	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	447363	151.364	ng	0.00
7) Phenol-d6	7.407	99	595126	145.772	ng	0.00
23) Nitrobenzene-d5	9.434	82	381335	105.807	ng	-0.01
42) 2,4,6-Tribromophenol	16.373	330	275488	178.209	ng	0.00
45) 2-Fluorobiphenyl	13.512	172	935791	89.092	ng	0.00
79) Terphenyl-d14	20.227	244	1259781	81.230	ng	0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	53172	15.759	ng	# 77
32) Benzoic acid	10.304	122	58	4.338	ng	# 27
48) 2-Nitroaniline	13.952	65	446	3.965	ng	# 61
51) 2,6-Dinitrotoluene	14.422	165	1894	3.988	ng	# 20
53) 3-Nitroaniline	14.798	138	1933	4.478	ng	# 14
57) 2,4-Dinitrotoluene	15.192	165	1221	4.027	ng	# 31
65) 4,6-Dinitro-2-methylph...	15.979	198	349	2.356	ng	# 1
75) Fluoranthene	19.675	202	58449	2.941	ng	82
78) Pyrene	20.034	202	53813	2.553	ng	# 84
80) Butylbenzylphthalate	20.927	149	19538	5.627	ng	# 84
88) Benzo(b)fluoranthene	24.264	252	61490	2.930	ng	# 88
89) Benzo(k)fluoranthene	24.264	252	61490	2.866	ng	# 88
90) Benzo(a)pyrene	25.192	252	40039	2.214	ng	# 94

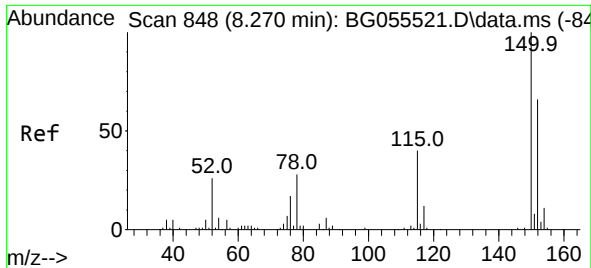
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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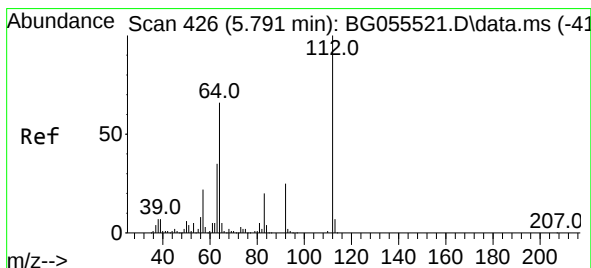
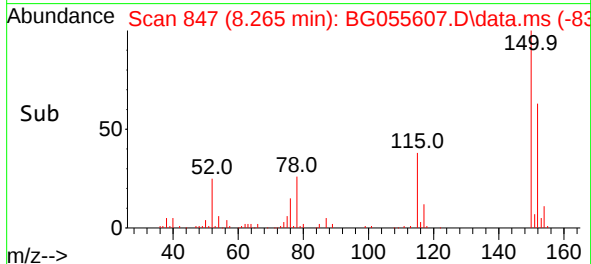
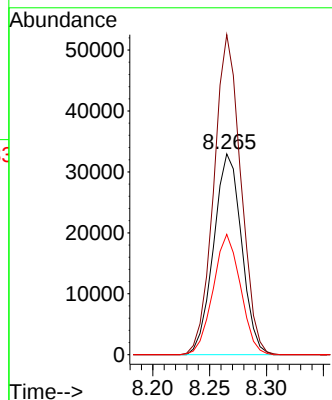
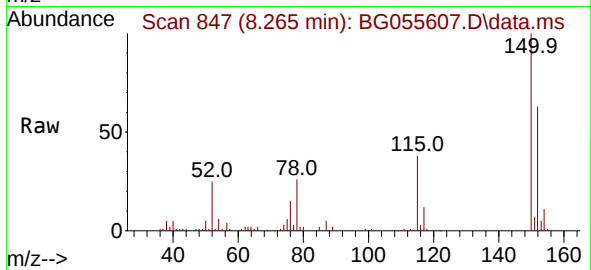




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

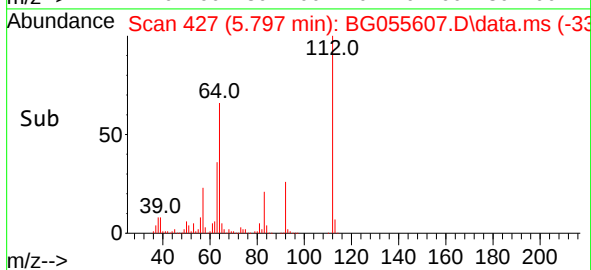
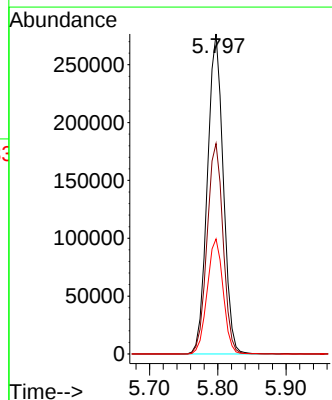
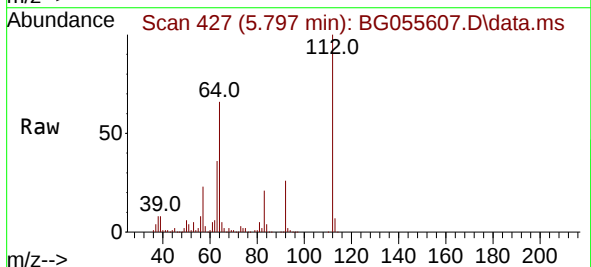
Instrument :
BNA_G
ClientSampleId :
RBR251374

Tgt Ion:152 Resp: 56295
Ion Ratio Lower Upper
152 100
150 159.4 121.0 181.4
115 59.9 47.8 71.8



#5
2-Fluorophenol
Concen: 151.364 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:112 Resp: 447363
Ion Ratio Lower Upper
112 100
64 65.8 52.6 78.8
63 35.9 28.3 42.5

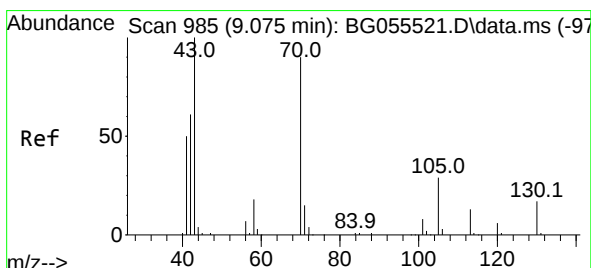
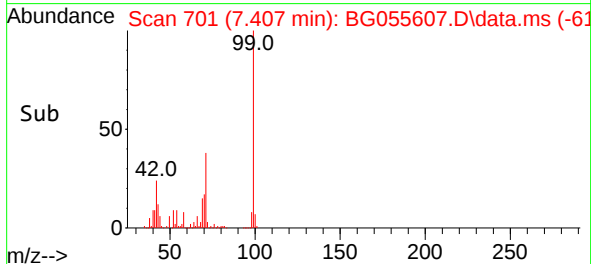
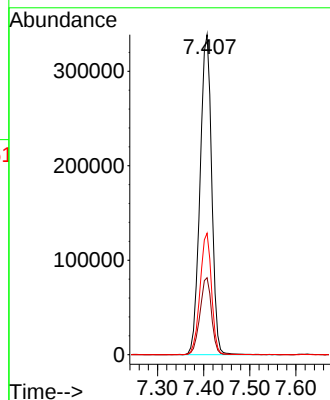
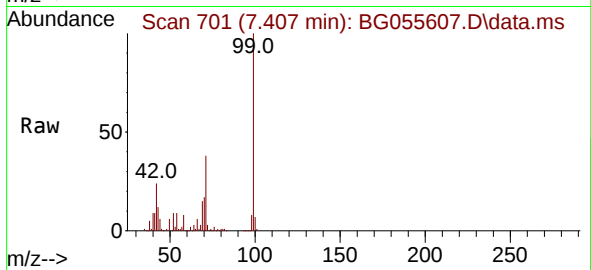




#7
Phenol-d6
Concen: 145.772 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

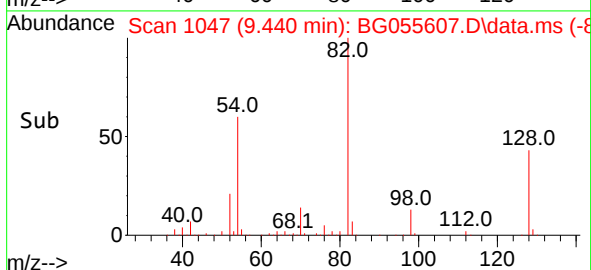
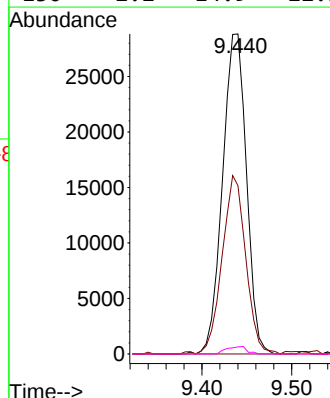
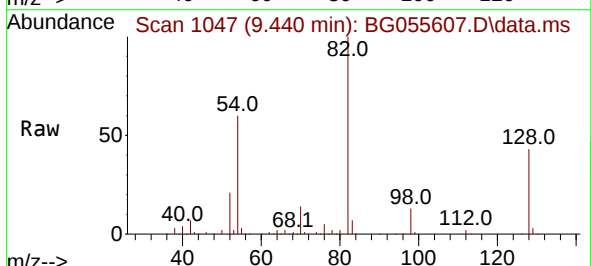
Instrument :
BNA_G
ClientSampleId :
RBR251374

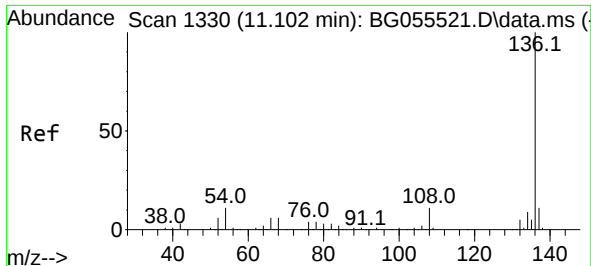
Tgt Ion: 99 Resp: 595126
Ion Ratio Lower Upper
99 100
42 24.0 17.5 26.3
71 38.0 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.759 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion: 70 Resp: 53172
Ion Ratio Lower Upper
70 100
42 52.6 54.8 82.2#
101 0.0 6.8 10.2#
130 2.2 14.9 22.3#

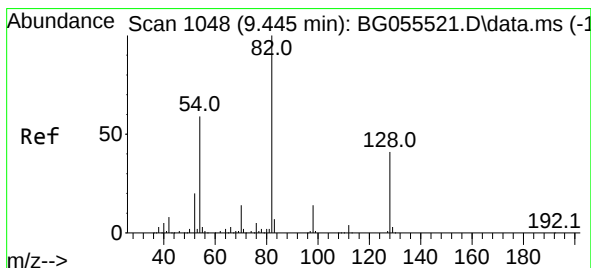
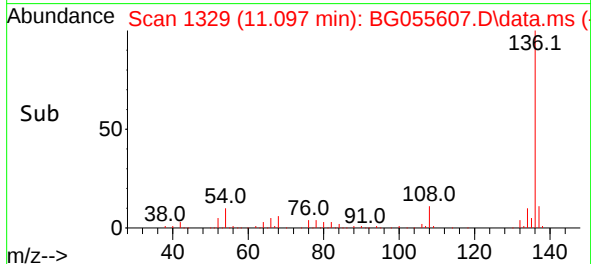
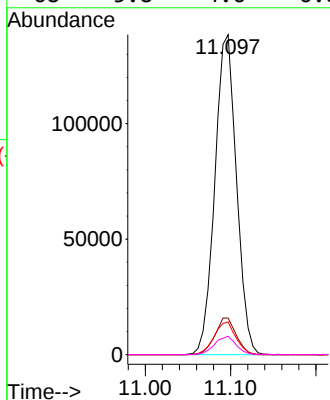
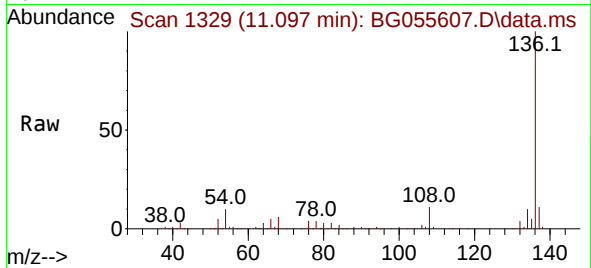




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

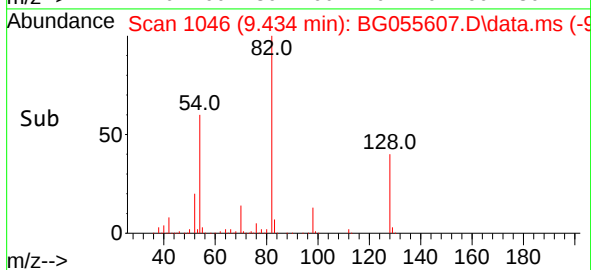
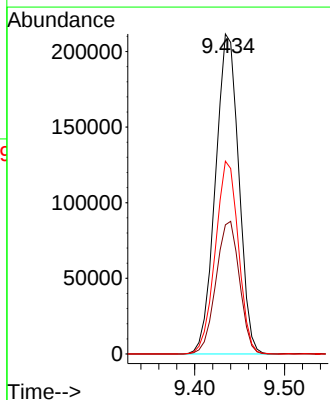
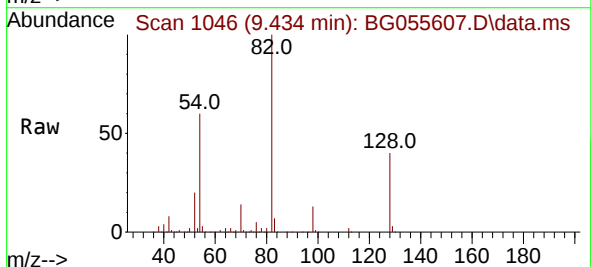
Instrument :
BNA_G
ClientSampleId :
RBR251374

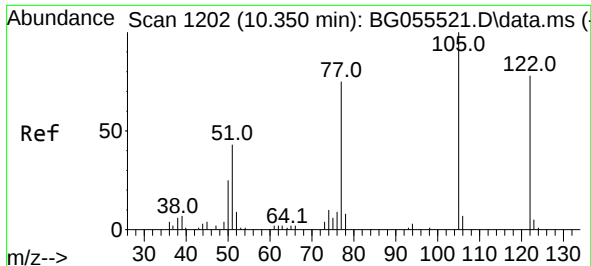
Tgt Ion:	136	Resp:	244325
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	10.2	8.6	12.8
68	5.8	4.6	6.8



#23
Nitrobenzene-d5
Concen: 105.807 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.011 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:	82	Resp:	381335
Ion Ratio	Lower	Upper	
82	100		
128	40.4	32.6	49.0
54	60.3	47.3	70.9

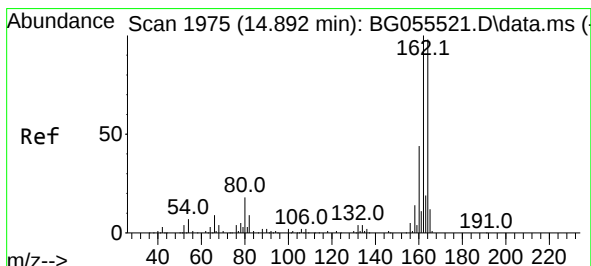
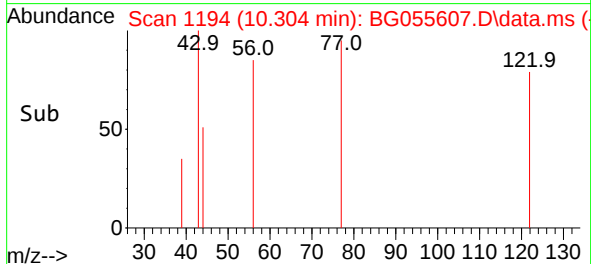
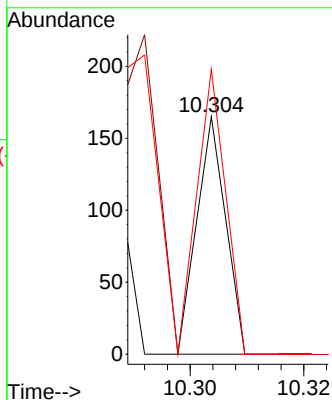
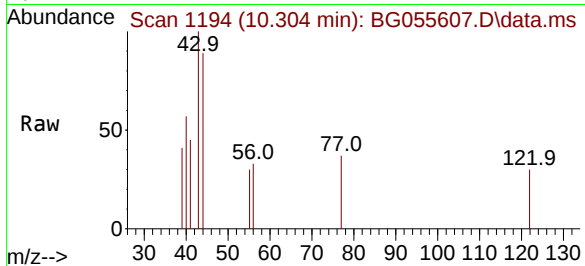




#32
Benzoic acid
Concen: 4.338 ng
RT: 10.304 min Scan# 1194
Delta R.T. -0.046 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

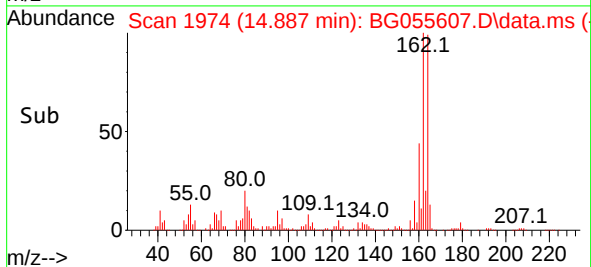
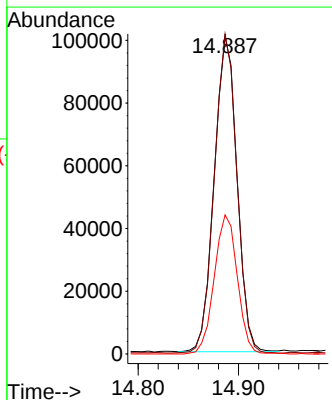
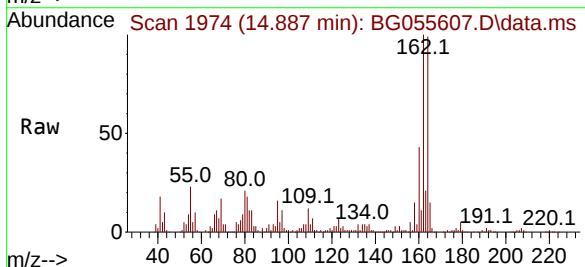
Instrument :
BNA_G
ClientSampleId :
RBR251374

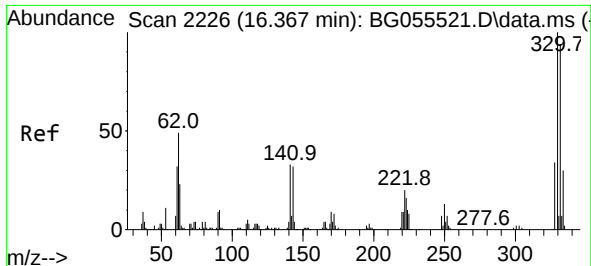
Tgt Ion:122 Resp: 58
Ion Ratio Lower Upper
122 100
105 0.0 101.2 141.2#
77 120.0 74.4 114.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:164 Resp: 158436
Ion Ratio Lower Upper
164 100
162 100.8 81.3 121.9
160 43.8 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 178.209 ng

RT: 16.373 min Scan# 21

Delta R.T. 0.006 min

Lab File: BG055607.D

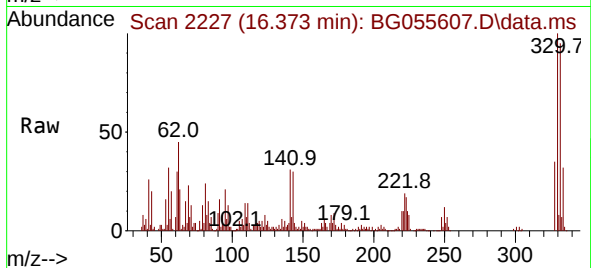
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Instrument :

BNA_G

ClientSampleId :

RBR251374



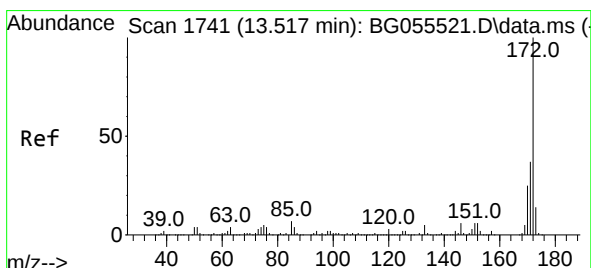
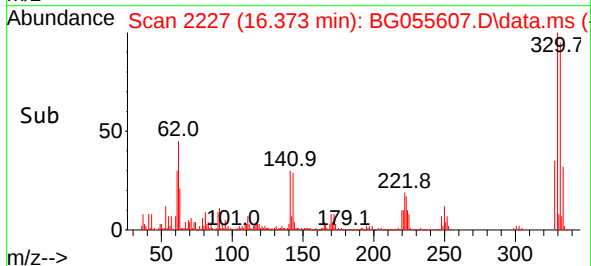
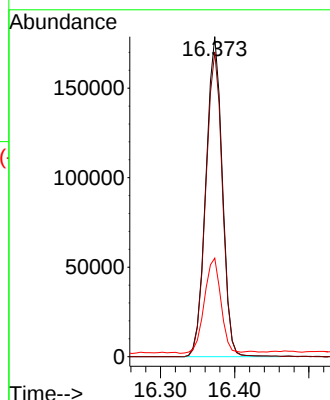
Tgt Ion:330 Resp: 275488

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

141 30.0 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 89.092 ng

RT: 13.512 min Scan# 1740

Delta R.T. -0.005 min

Lab File: BG055607.D

Acq: 14 Nov 2022 16:42

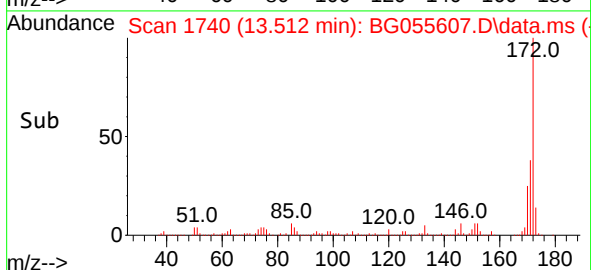
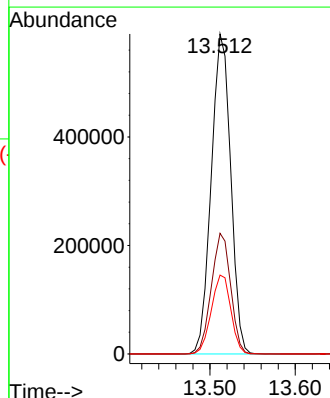
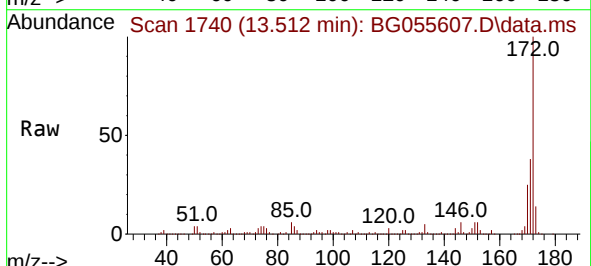
Tgt Ion:172 Resp: 935791

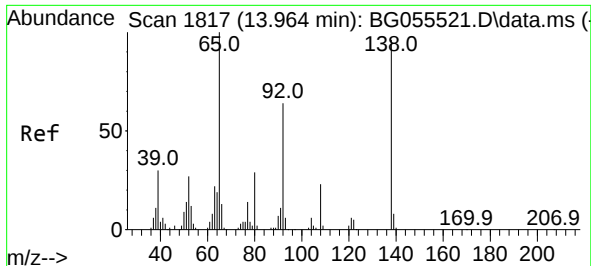
Ion Ratio Lower Upper

172 100

171 37.7 29.7 44.5

170 24.7 19.8 29.6

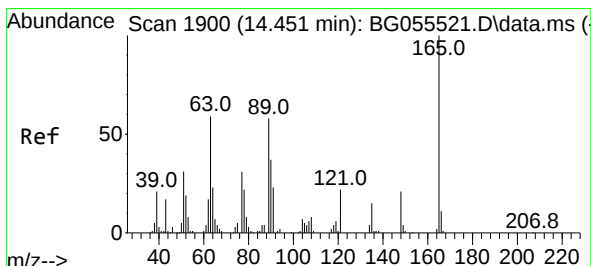
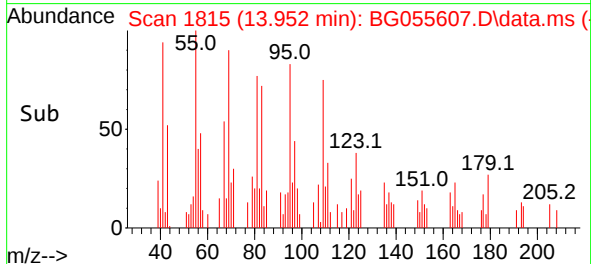
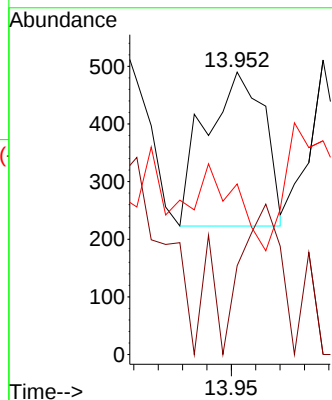
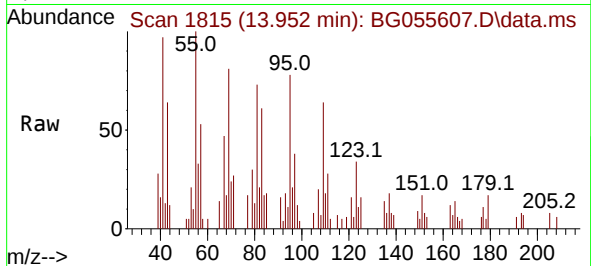




#48
2-Nitroaniline
Concen: 3.965 ng
RT: 13.952 min Scan# 1815
Delta R.T. -0.012 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

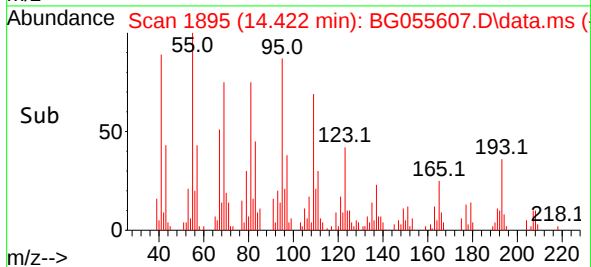
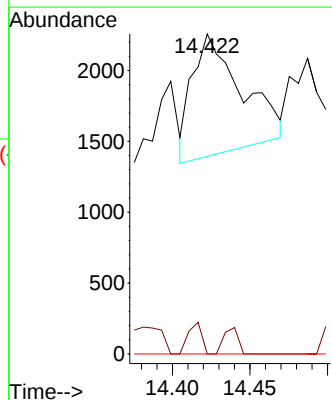
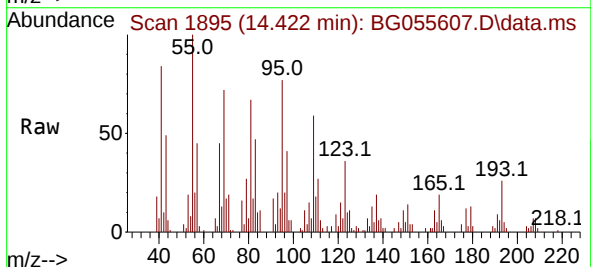
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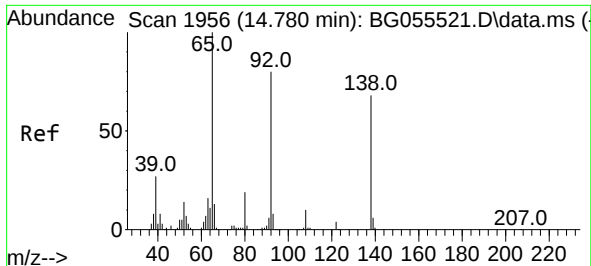
Tgt Ion: 65 Resp: 446
Ion Ratio Lower Upper
65 100
92 31.4 51.6 77.4#
138 60.4 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 3.988 ng
RT: 14.422 min Scan# 1895
Delta R.T. -0.029 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:165 Resp: 1894
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#

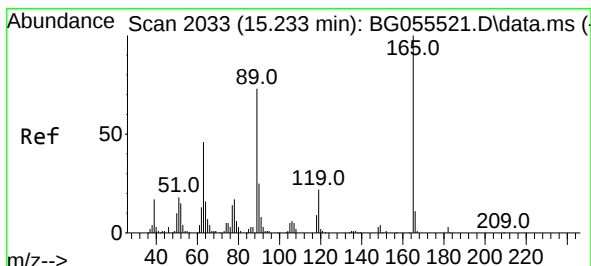
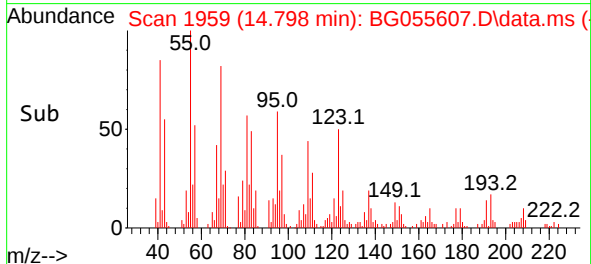
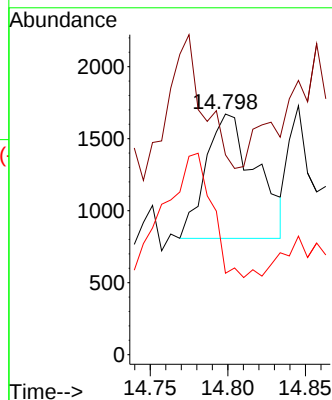
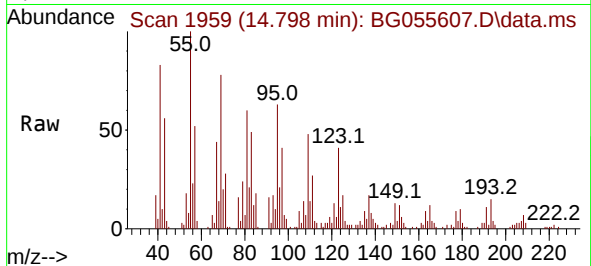




#53
3-Nitroaniline
Concen: 4.478 ng
RT: 14.798 min Scan# 1956
Delta R.T. 0.018 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

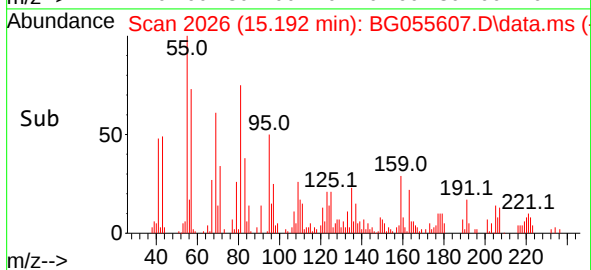
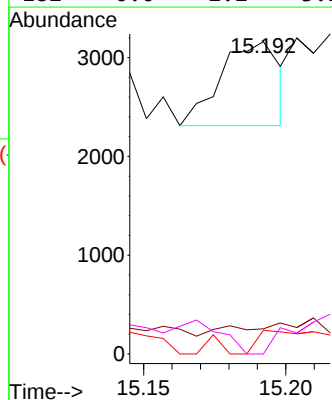
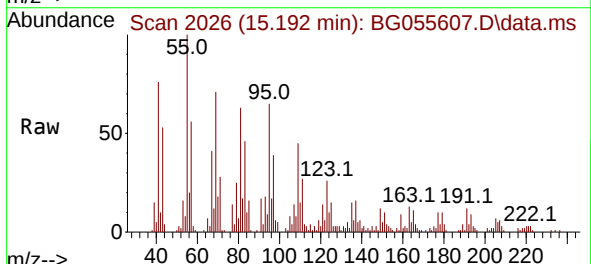
Instrument :
BNA_G
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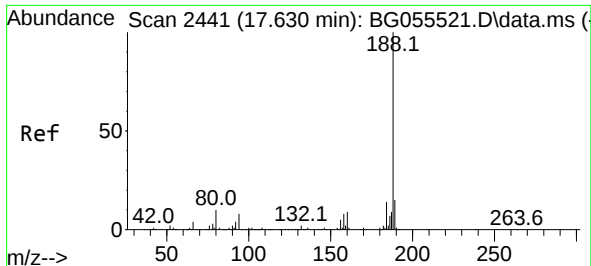
Tgt Ion:138 Resp: 1933
Ion Ratio Lower Upper
138 100
108 83.1 11.7 17.5#
92 33.8 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 4.027 ng
RT: 15.192 min Scan# 2026
Delta R.T. -0.041 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:165 Resp: 1221
Ion Ratio Lower Upper
165 100
63 8.1 37.0 55.4#
89 7.6 58.6 87.8#
182 0.0 2.2 3.2#

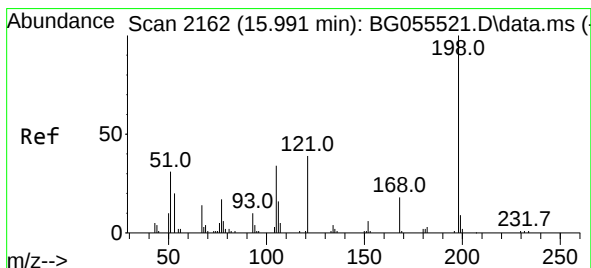
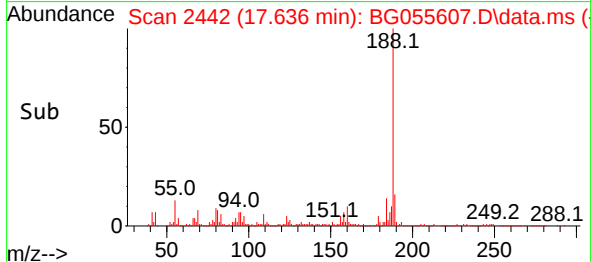
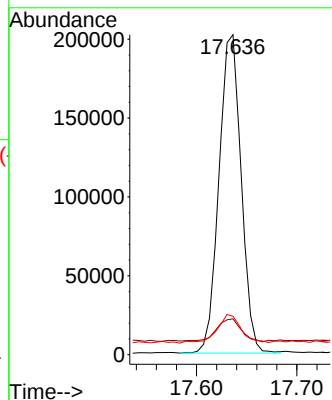
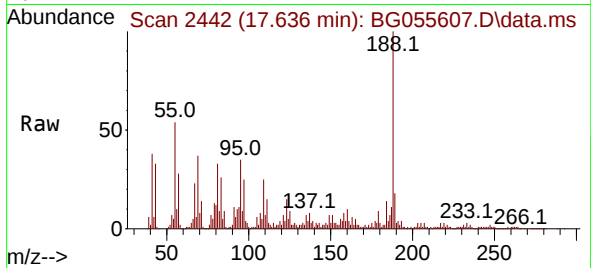




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.636 min Scan# 2441
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

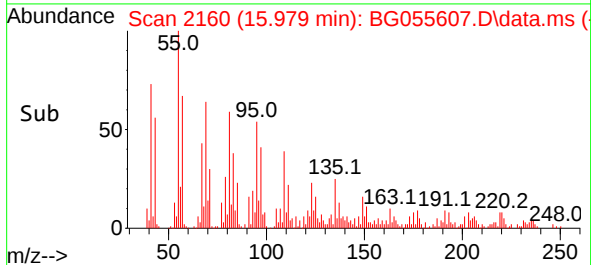
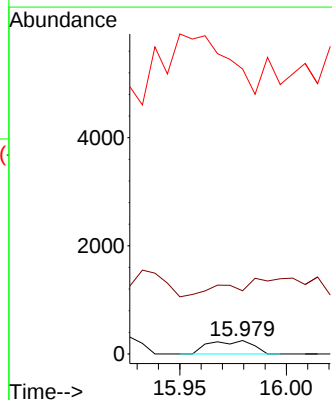
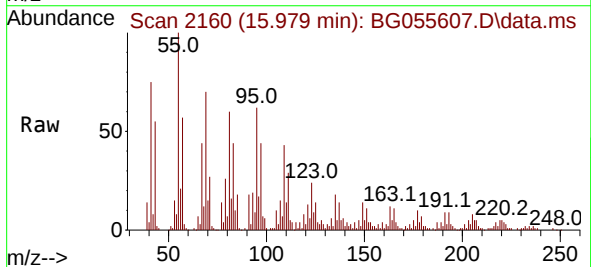
Instrument :
BNA_G
ClientSampleId :
RBR251374

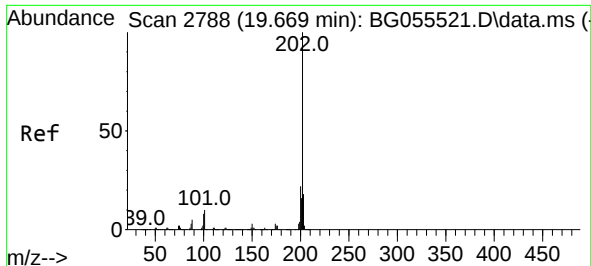
Tgt Ion:188 Resp: 310105
Ion Ratio Lower Upper
188 100
94 11.2 6.4 9.6#
80 12.0 7.6 11.4#



#65
4,6-Dinitro-2-methylphenol
Concen: 2.356 ng
RT: 15.979 min Scan# 2160
Delta R.T. -0.012 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:198 Resp: 349
Ion Ratio Lower Upper
198 100
51 471.4 24.7 64.7#
105 2125.8 17.6 57.6#

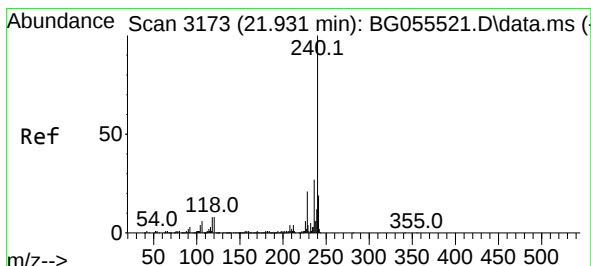
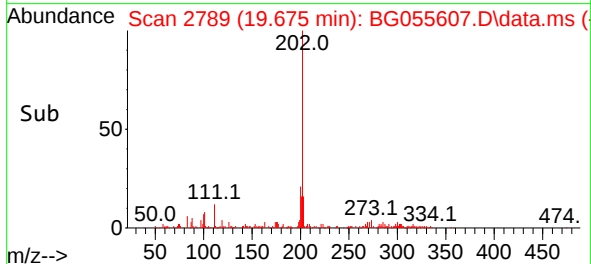
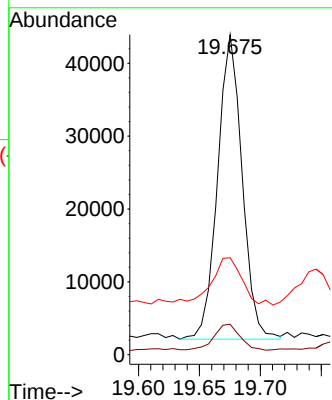
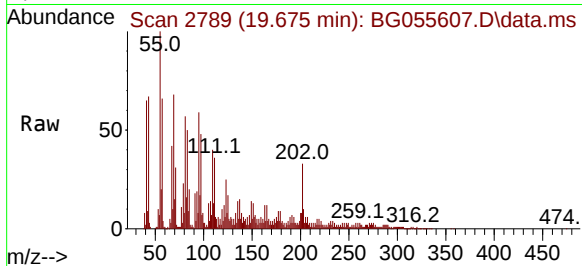




#75
Fluoranthene
Concen: 2.941 ng
RT: 19.675 min Scan# 21
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

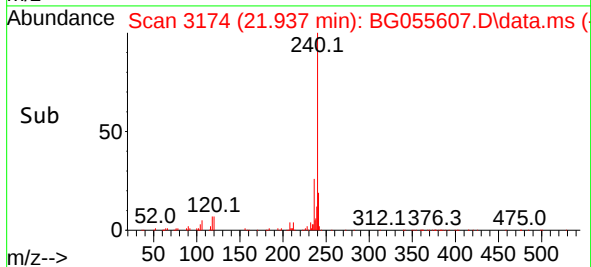
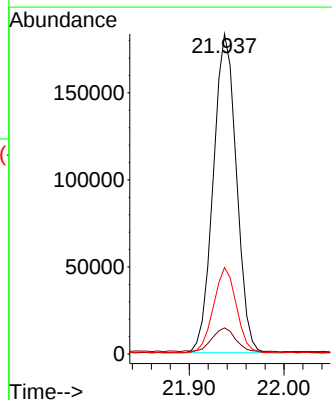
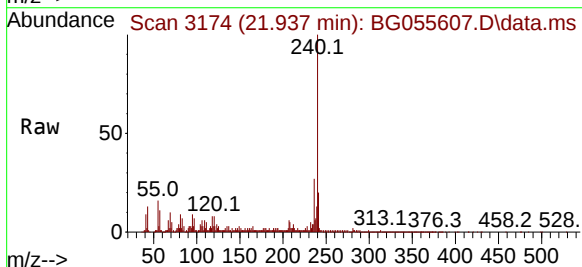
Instrument :
BNA_G
ClientSampleId :
RBR251374

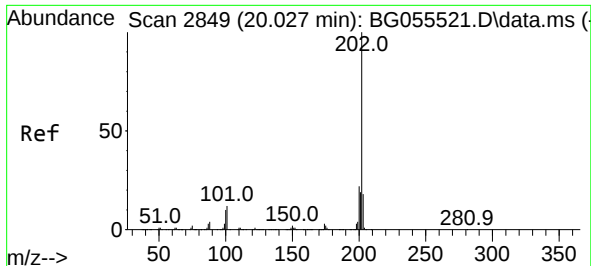
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	29.8
203	30.3	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.2	6.1	9.1
236	27.0	21.4	32.0

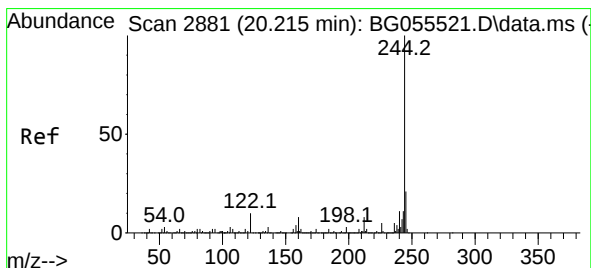
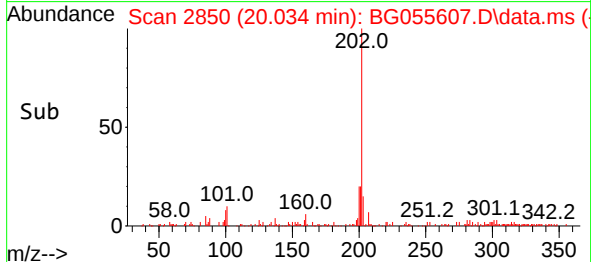
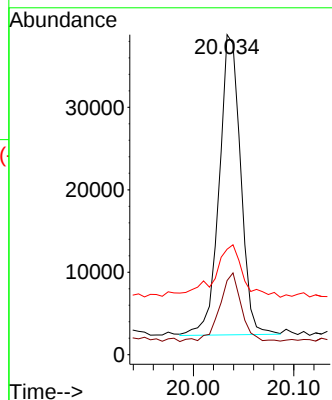
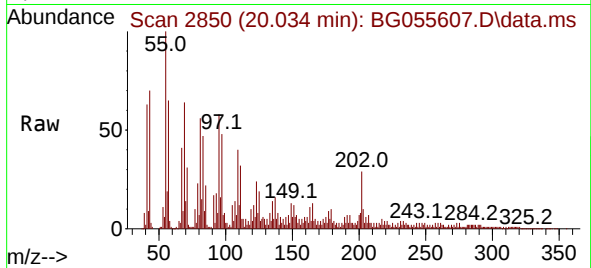




#78
 Pyrene
 Concen: 2.553 ng
 RT: 20.034 min Scan# 2849
 Delta R.T. 0.007 min
 Lab File: BG055607.D
 Acq: 14 Nov 2022 16:42

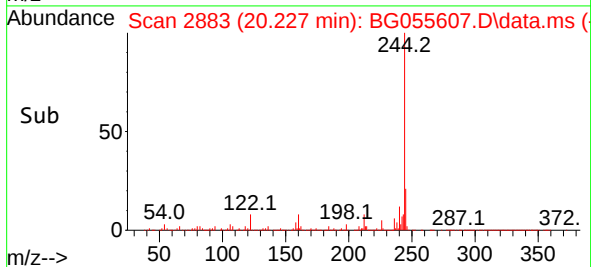
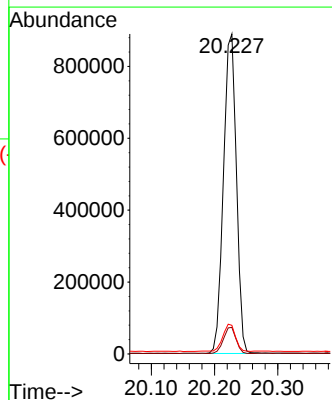
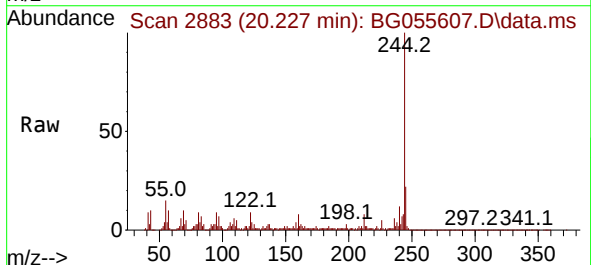
Instrument :
 BNA_G
 ClientSampleId :
 RBR251374

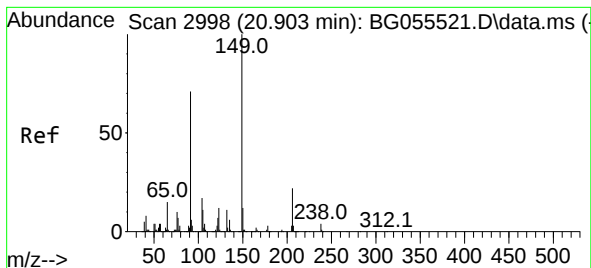
Tgt Ion:202 Resp: 53813
 Ion Ratio Lower Upper
 202 100
 200 23.2 18.0 27.0
 203 33.0 14.2 21.2#



#79
 Terphenyl-d14
 Concen: 81.230 ng
 RT: 20.227 min Scan# 2883
 Delta R.T. 0.012 min
 Lab File: BG055607.D
 Acq: 14 Nov 2022 16:42

Tgt Ion:244 Resp: 1259781
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.0 7.7 11.5





#80

Butylbenzylphthalate

Concen: 5.627 ng

RT: 20.927 min Scan# 3002

Delta R.T. 0.024 min

Lab File: BG055607.D

Acq: 14 Nov 2022 16:42

Instrument :

BNA_G

ClientSampleId :

RBR251374

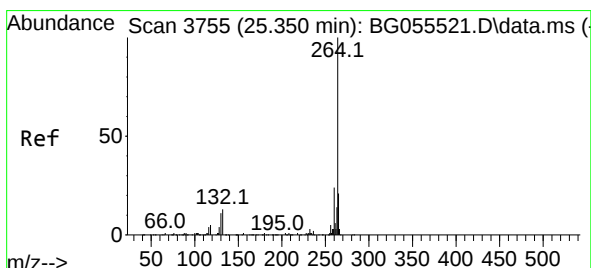
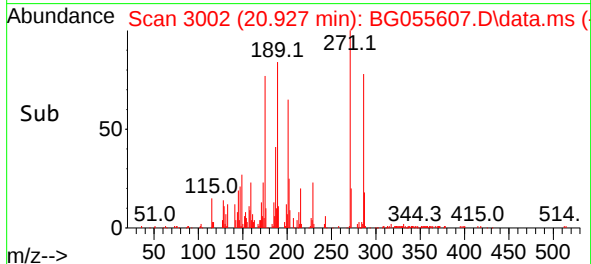
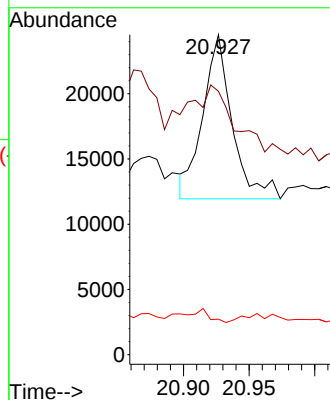
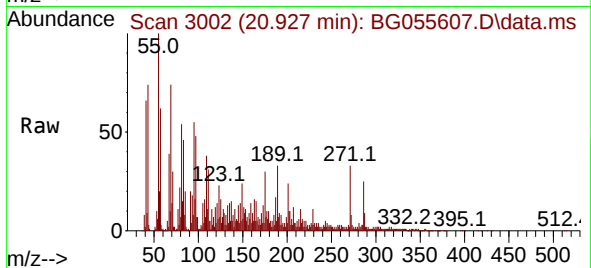
Tgt Ion:149 Resp: 19538

Ion Ratio Lower Upper

149 100

91 82.3 56.8 85.2

206 11.1 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.363 min Scan# 3757

Delta R.T. 0.013 min

Lab File: BG055607.D

Acq: 14 Nov 2022 16:42

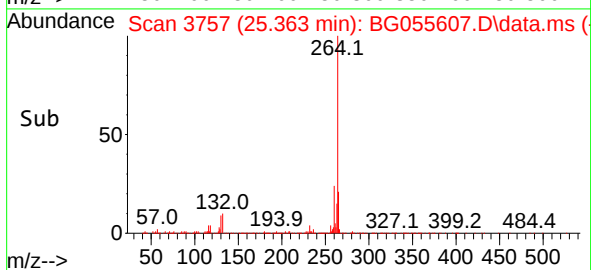
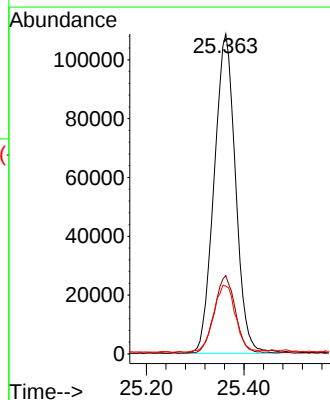
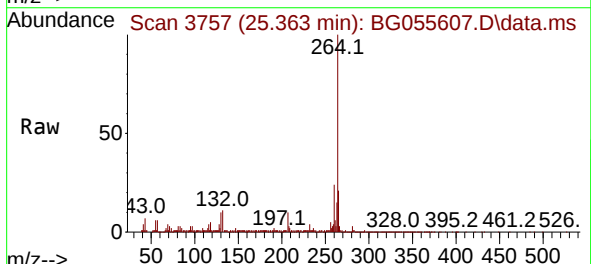
Tgt Ion:264 Resp: 331269

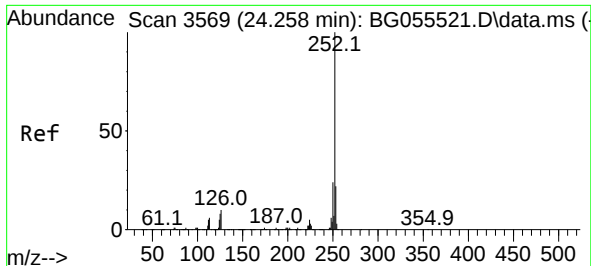
Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.2 17.1 25.7

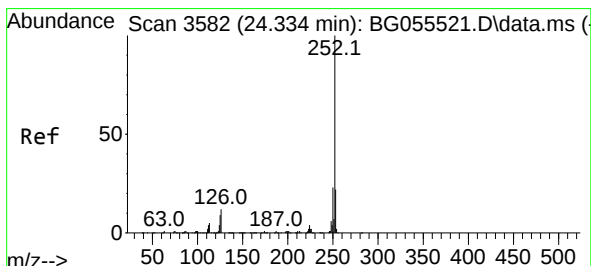
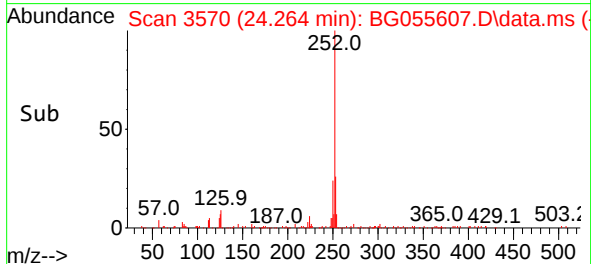
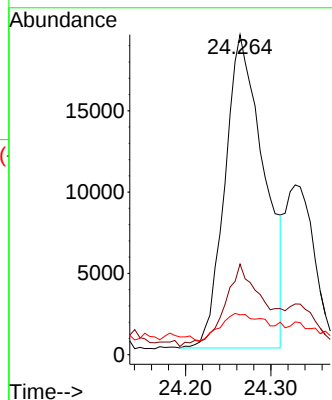
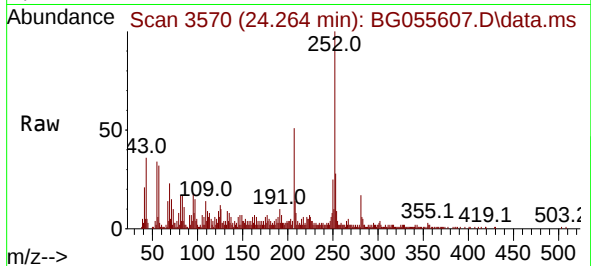




#88
Benzo(b)fluoranthene
Concen: 2.930 ng
RT: 24.264 min Scan# 3570
Delta R.T. 0.006 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

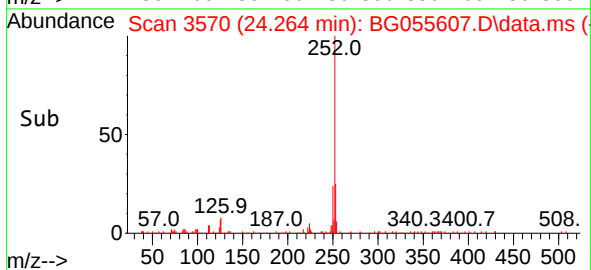
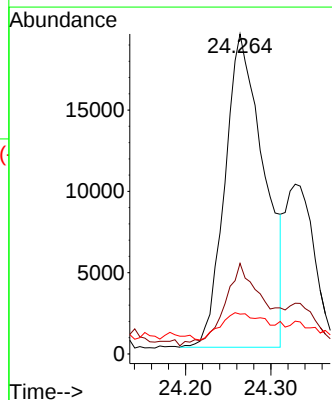
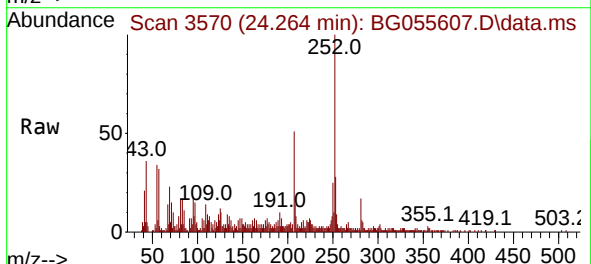
Instrument :
BNA_G
ClientSampleId :
RBR251374

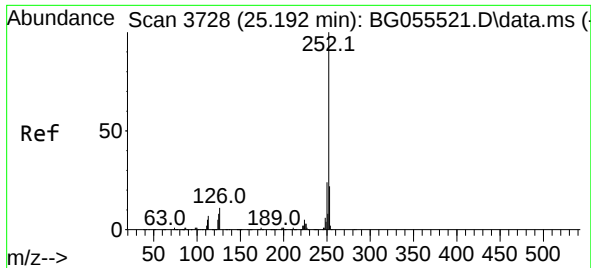
Tgt Ion:252 Resp: 61490
Ion Ratio Lower Upper
252 100
253 28.3 17.9 26.9#
125 12.5 6.7 10.1#



#89
Benzo(k)fluoranthene
Concen: 2.866 ng
RT: 24.264 min Scan# 3570
Delta R.T. -0.070 min
Lab File: BG055607.D
Acq: 14 Nov 2022 16:42

Tgt Ion:252 Resp: 61490
Ion Ratio Lower Upper
252 100
253 28.3 17.8 26.8#
125 12.5 6.9 10.3#





#90
 Benzo(a)pyrene
 Concen: 2.214 ng
 RT: 25.192 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: BG055607.D
 Acq: 14 Nov 2022 16:42

Instrument :
 BNA_G
 ClientSampleId :
 RBR251374

Tgt Ion:	252	Resp:	40039
Ion Ratio	Lower	Upper	
252	100		
253	24.4	17.8	26.6
125	12.4	6.7	10.1#

