

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020723\
 Data File : BG056577.D
 Acq On : 7 Feb 2023 21:28
 Operator : CG/JU
 Sample : 01445-11 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

Quant Time: Feb 08 03:08:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

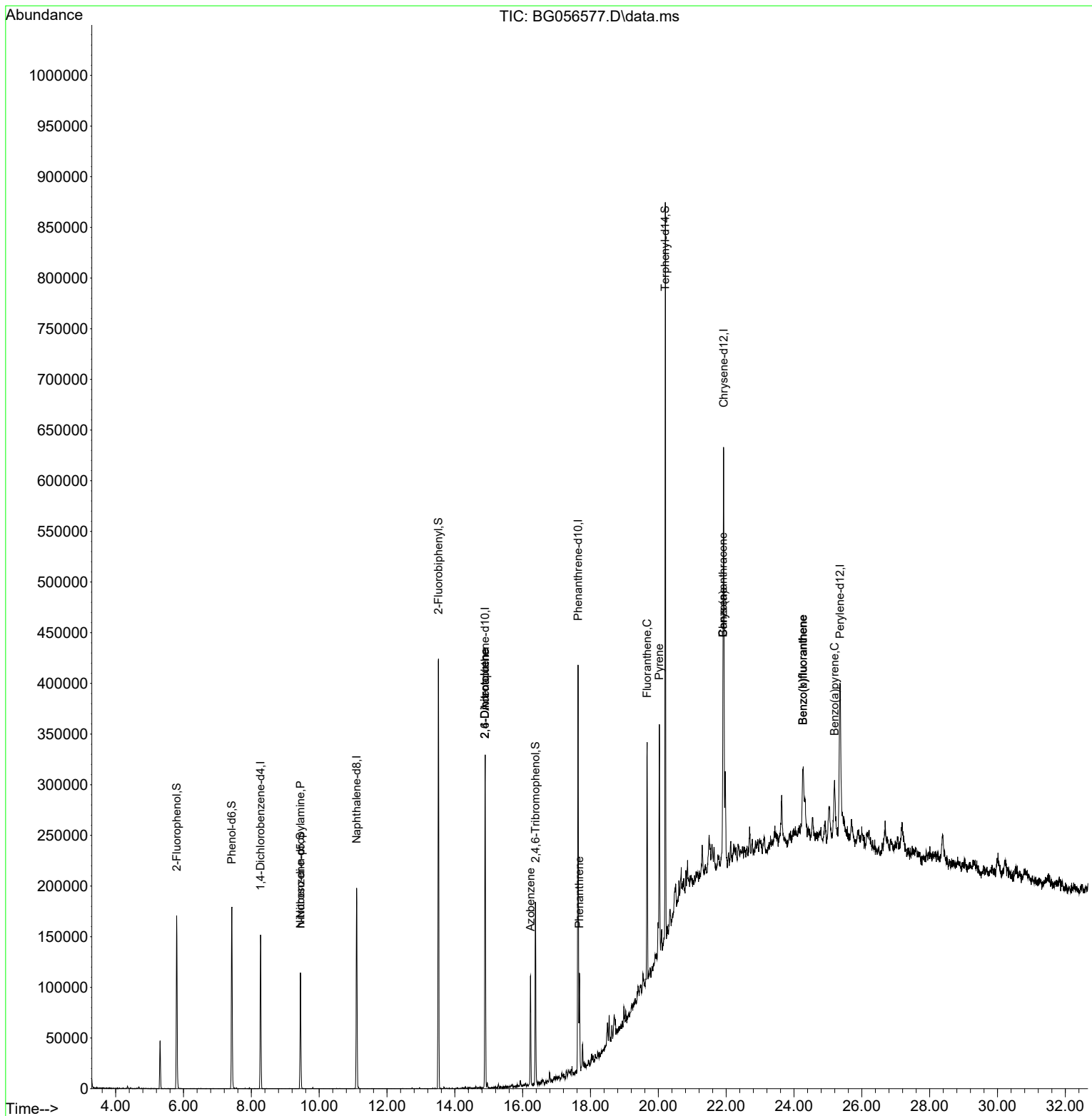
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	52114	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	186423	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	129846	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	286017	20.000	ng	0.00
76) Chrysene-d12	21.926	240	260722	20.000	ng	0.00
86) Perylene-d12	25.357	264	233001	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	105004	37.065	ng	0.00
7) Phenol-d6	7.419	99	148378	35.349	ng	0.00
23) Nitrobenzene-d5	9.446	82	79634	24.257	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	39274	22.751	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	250065	26.701	ng	0.00
79) Terphenyl-d14	20.204	244	384518	25.903	ng	0.00
Target Compounds						
9) Benzaldehyde	7.419	77	175	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	9.446	70	9654	3.991	ng	# 76
51) 2,6-Dinitrotoluene	14.887	165	17188	7.503	ng	# 38
57) 2,4-Dinitrotoluene	14.887	165	17188	5.327	ng	# 37
63) Azobenzene	16.232	77	27978	4.122	ng	# 1
71) Phenanthrene	17.672	178	65457	4.373	ng	99
75) Fluoranthene	19.669	202	163942	8.677	ng	99
78) Pyrene	20.028	202	159443	8.599	ng	99
81) Benzo(a)anthracene	21.902	228	88293	4.844	ng	97
83) Chrysene	21.902	228	88293	5.156	ng	95
88) Benzo(b)fluoranthene	24.264	252	94792	6.554	ng	# 87
89) Benzo(k)fluoranthene	24.264	252	94792	6.492	ng	# 85
90) Benzo(a)pyrene	25.192	252	68739	4.825	ng	# 92

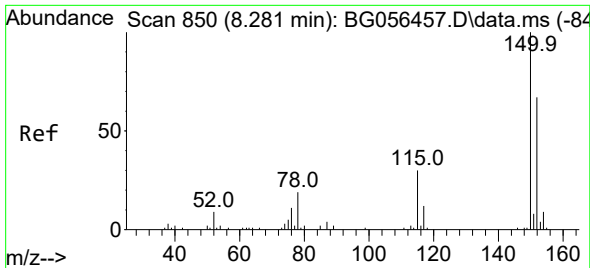
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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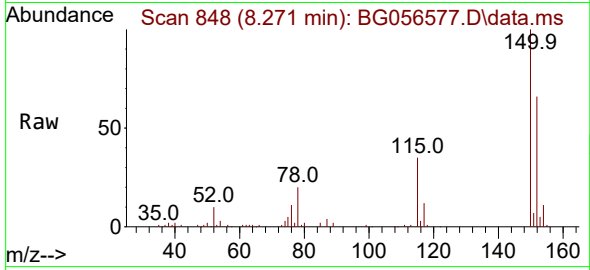
Quant Time: Feb 08 03:08:07 2023
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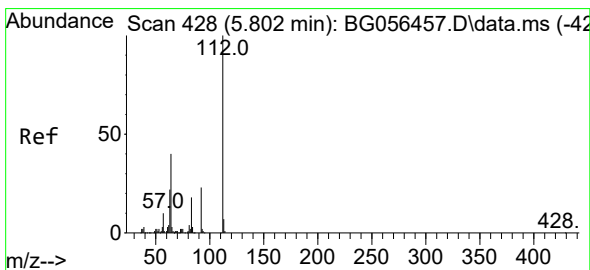
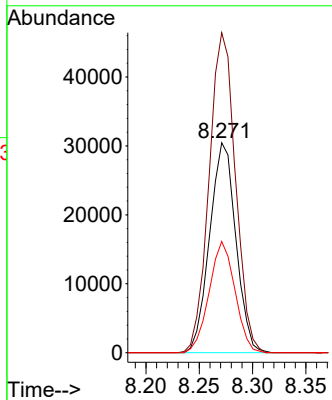
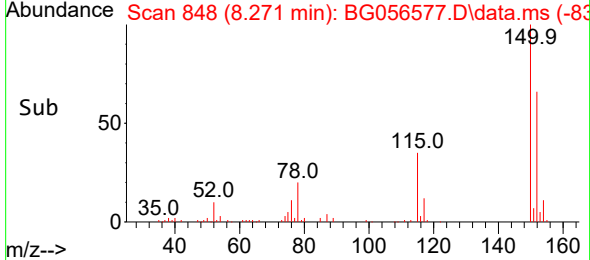


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.271 min Scan# 84
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

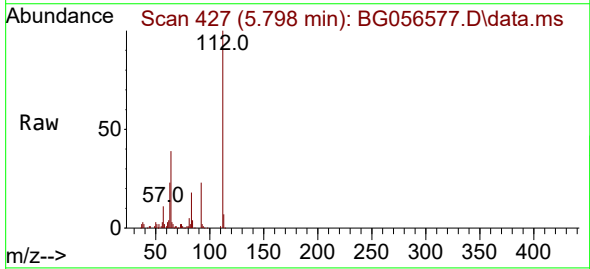
Instrument : BNA_G
 ClientSampleId : JPP-34-020323



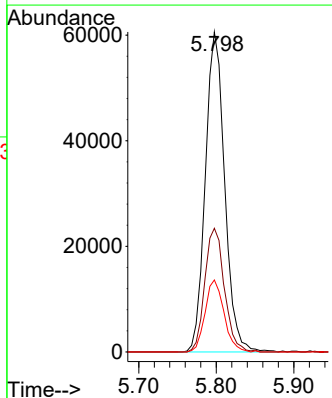
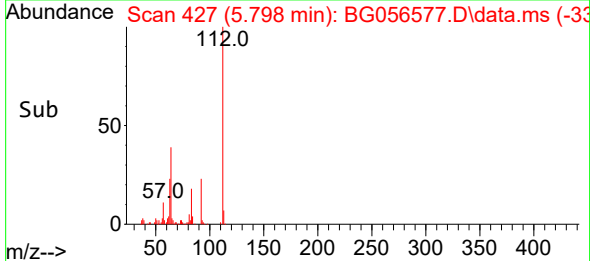
Tgt Ion:152 Resp: 52114
 Ion Ratio Lower Upper
 152 100
 150 152.5 120.2 180.4
 115 53.0 36.3 54.5

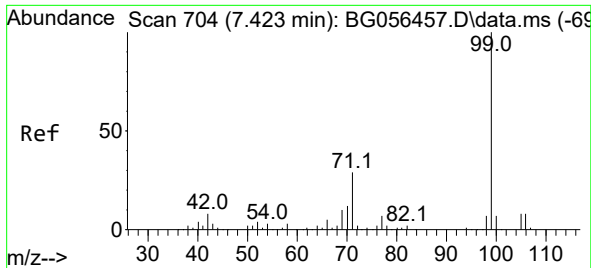


#5
 2-Fluorophenol
 Concen: 37.065 ng
 RT: 5.798 min Scan# 427
 Delta R.T. 0.008 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28



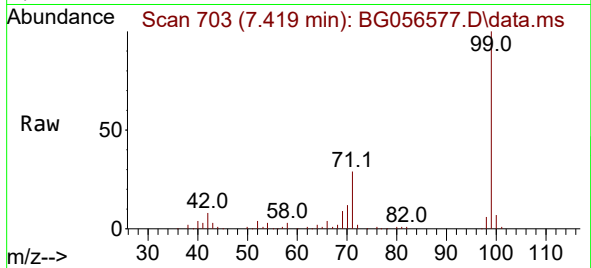
Tgt Ion:112 Resp: 105004
 Ion Ratio Lower Upper
 112 100
 64 38.7 31.9 47.9
 63 22.5 17.4 26.0



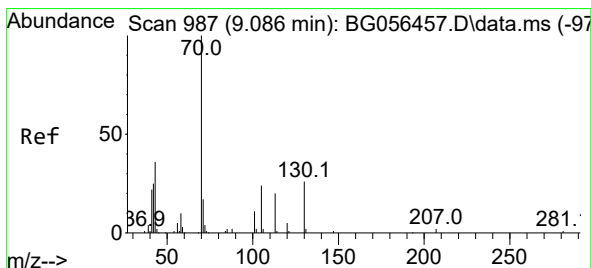
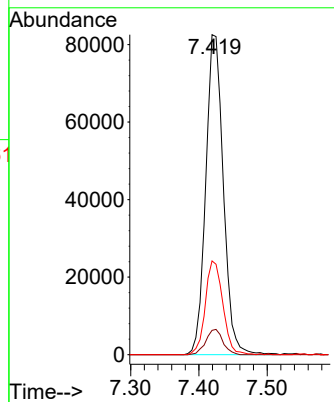
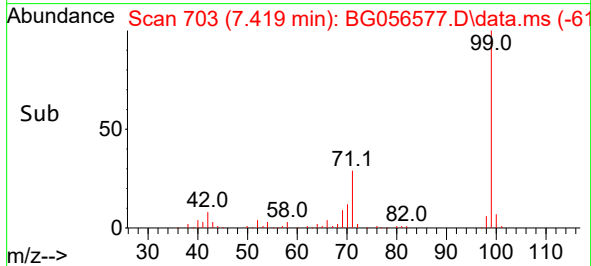


#7
 Phenol-d6
 Concen: 35.349 ng
 RT: 7.419 min Scan# 703
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

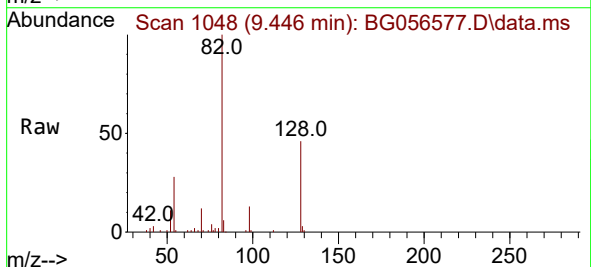
Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323



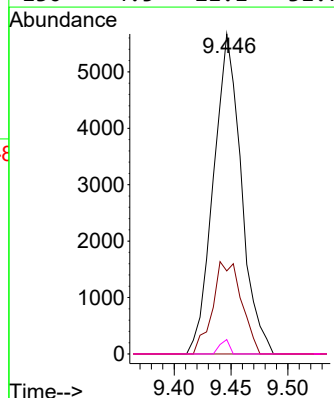
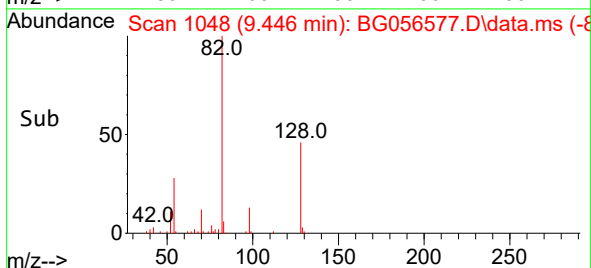
Tgt Ion: 99 Resp: 148378
 Ion Ratio Lower Upper
 99 100
 42 7.6 6.6 10.0
 71 29.3 23.4 35.0

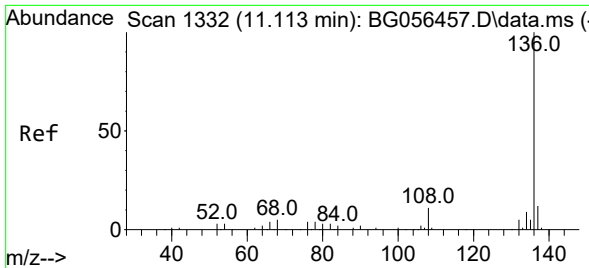


#19
 n-Nitroso-di-n-propylamine
 Concen: 3.991 ng
 RT: 9.446 min Scan# 1048
 Delta R.T. 0.372 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28



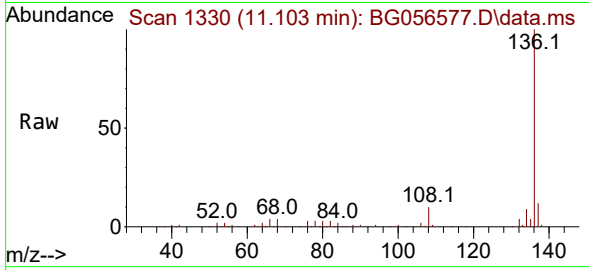
Tgt Ion: 70 Resp: 9654
 Ion Ratio Lower Upper
 70 100
 42 26.0 20.2 30.4
 101 0.0 9.1 13.7#
 130 4.5 21.1 31.7#



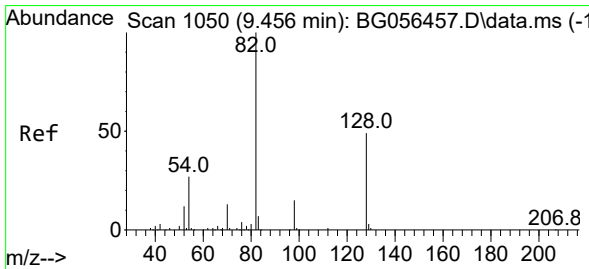
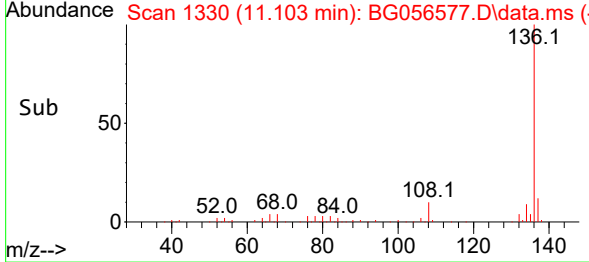
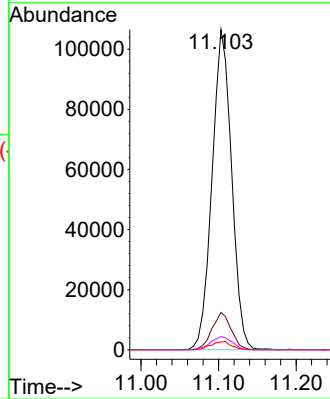


#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.103 min Scan# 111
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

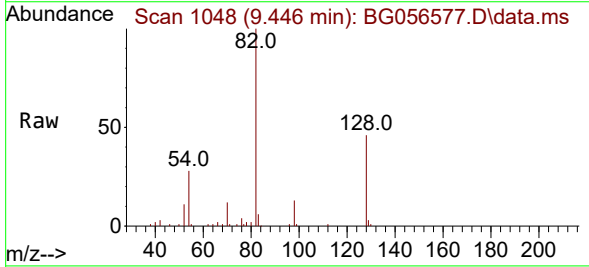
Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323



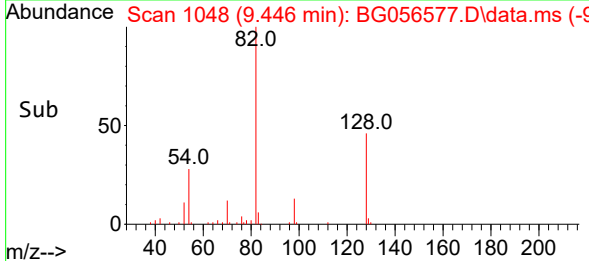
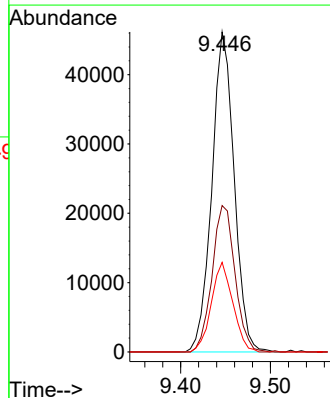
Tgt Ion:136 Resp: 186423
 Ion Ratio Lower Upper
 136 100
 137 11.7 9.4 14.0
 54 2.4 2.2 3.4
 68 4.1 3.6 5.4

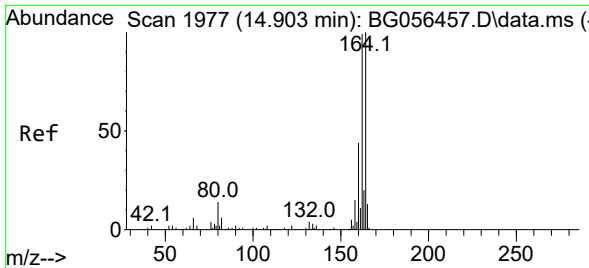


#23
 Nitrobenzene-d5
 Concen: 24.257 ng
 RT: 9.446 min Scan# 1048
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28



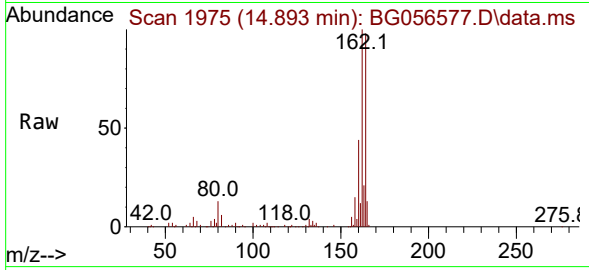
Tgt Ion: 82 Resp: 79634
 Ion Ratio Lower Upper
 82 100
 128 45.8 39.4 59.2
 54 28.0 21.4 32.2





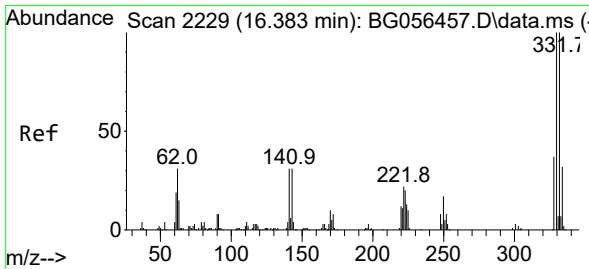
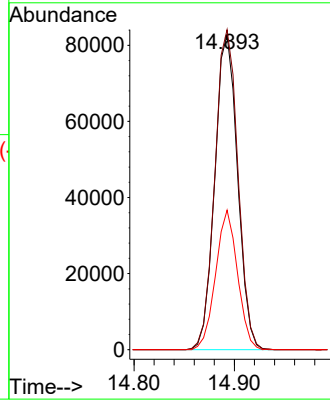
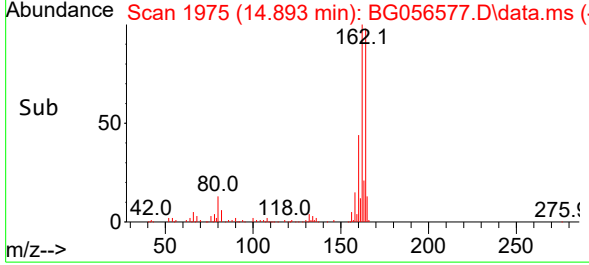
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.893 min Scan# 1975
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

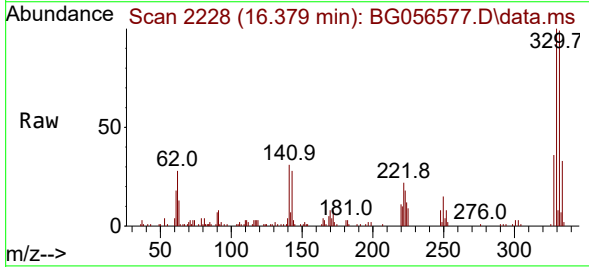


Tgt Ion:164 Resp: 129846

Ion	Ratio	Lower	Upper
164	100		
162	101.5	79.6	119.4
160	44.3	34.9	52.3

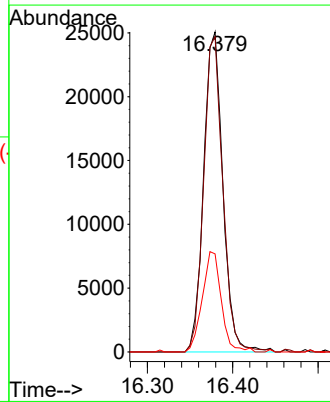
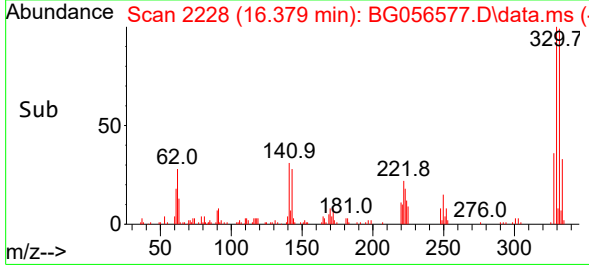


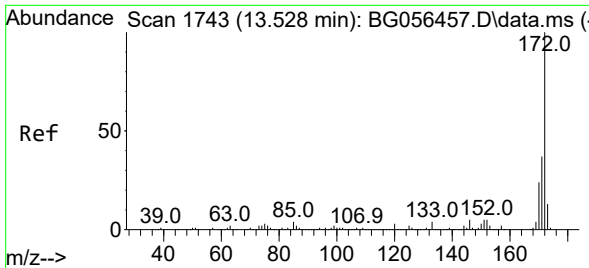
#42
 2,4,6-Tribromophenol
 Concen: 22.751 ng
 RT: 16.379 min Scan# 2228
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28



Tgt Ion:330 Resp: 39274

Ion	Ratio	Lower	Upper
330	100		
332	97.6	79.0	118.6
141	31.0	24.2	36.4

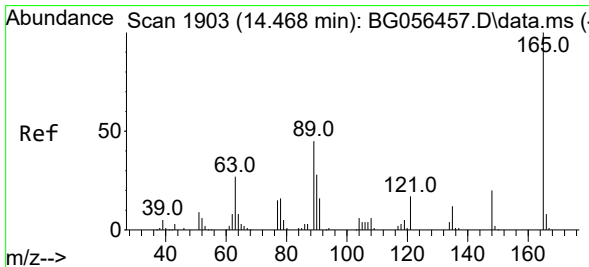
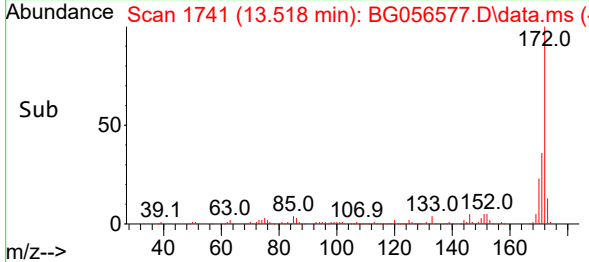
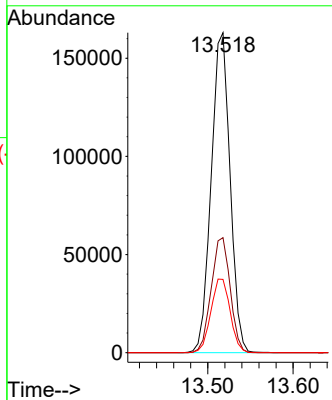
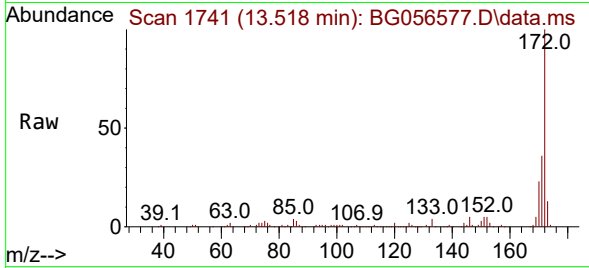




#45
 2-Fluorobiphenyl
 Concen: 26.701 ng
 RT: 13.518 min Scan# 11
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

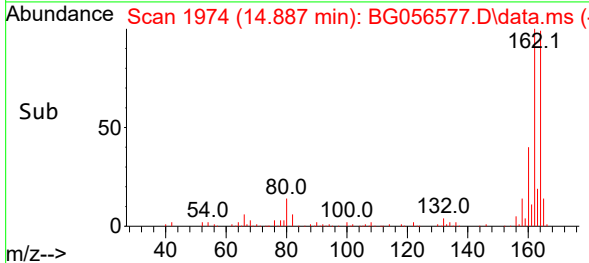
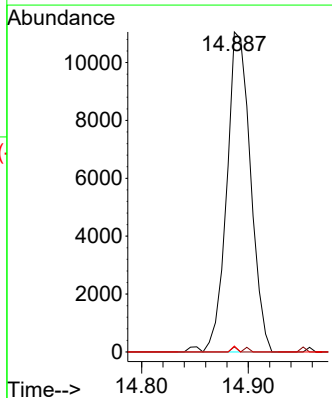
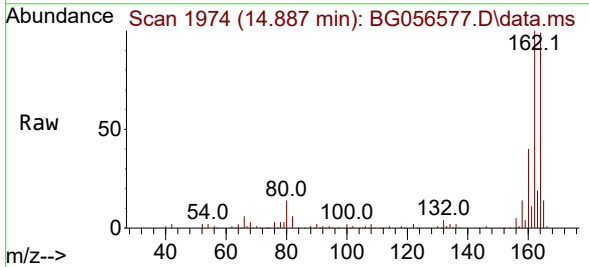
Instrument : BNA_G
 ClientSampleId : JPP-34-020323

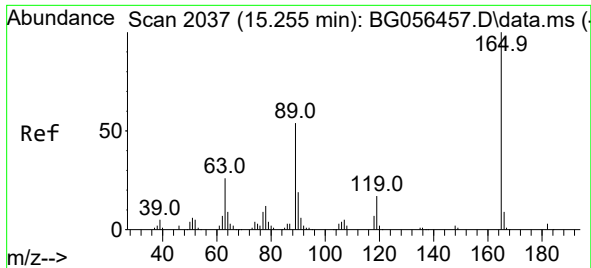
Tgt Ion	Resp	Lower	Upper
172	100		
171	36.0	29.5	44.3
170	22.9	19.2	28.8



#51
 2,6-Dinitrotoluene
 Concen: 7.503 ng
 RT: 14.887 min Scan# 1974
 Delta R.T. 0.425 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

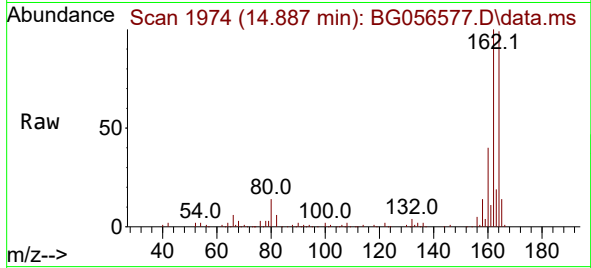
Tgt Ion	Resp	Lower	Upper
165	100		
63	1.6	26.9	40.3#
89	1.9	35.6	53.4#





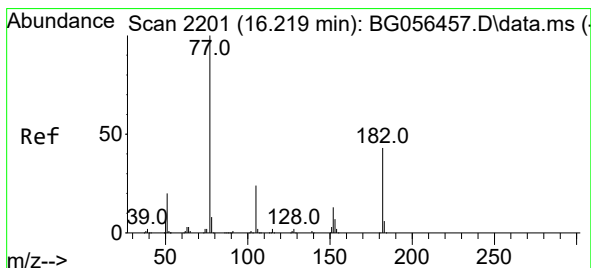
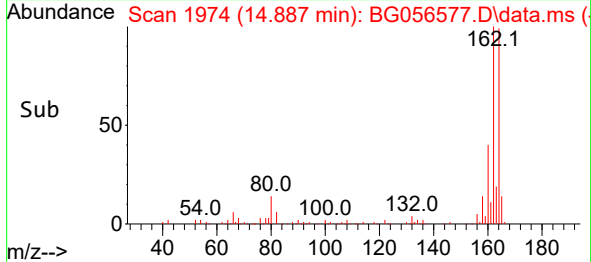
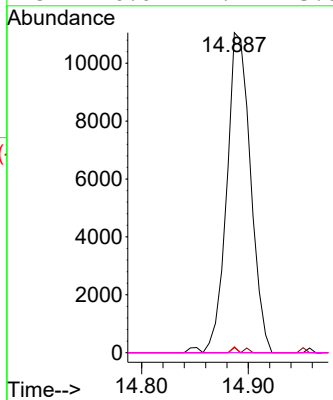
#57
 2,4-Dinitrotoluene
 Concen: 5.327 ng
 RT: 14.887 min Scan# 1974
 Delta R.T. -0.363 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument : BNA_G
 ClientSampleId : JPP-34-020323



Tgt Ion: 165 Resp: 17188

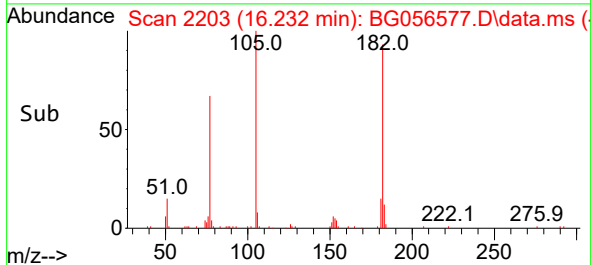
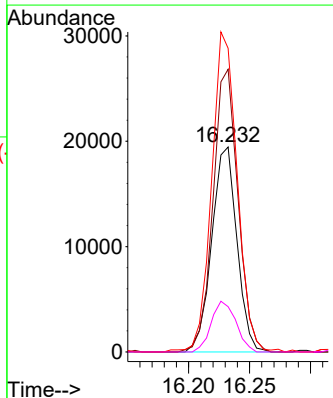
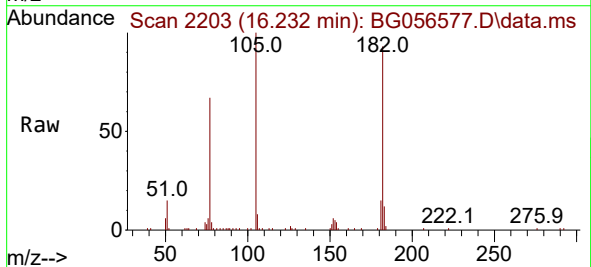
Ion	Ratio	Lower	Upper
165	100		
63	1.6	20.6	31.0#
89	1.9	43.1	64.7#
182	0.0	2.4	3.6#

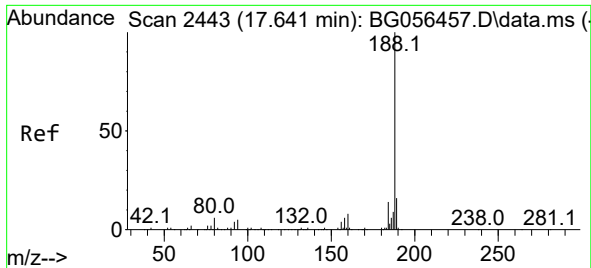


#63
 Azobenzene
 Concen: 4.122 ng
 RT: 16.232 min Scan# 2203
 Delta R.T. 0.025 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion: 77 Resp: 27978

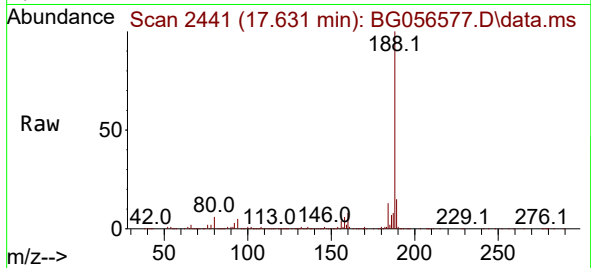
Ion	Ratio	Lower	Upper
77	100		
182	137.9	23.1	63.1#
105	148.2	4.2	44.2#
51	22.1	0.0	39.8



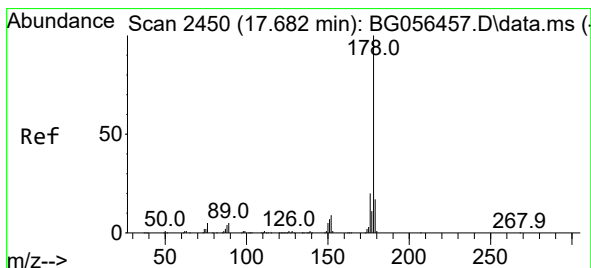
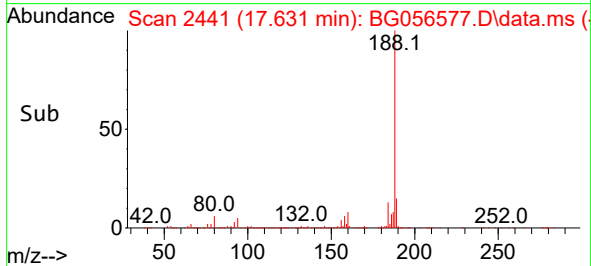
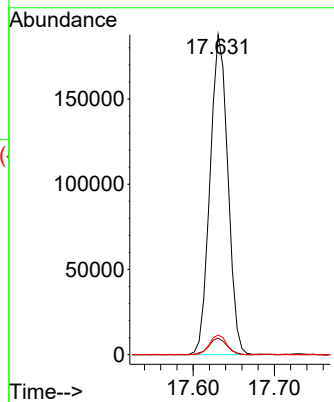


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.631 min Scan# 2441
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

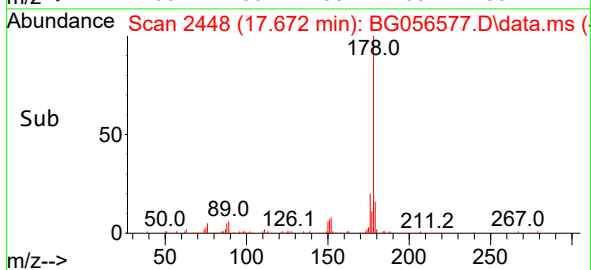
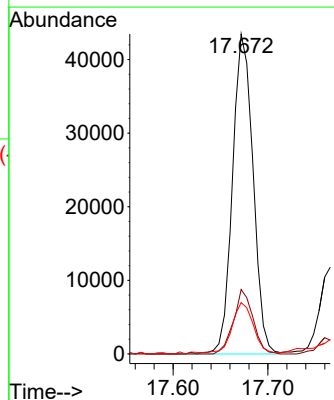
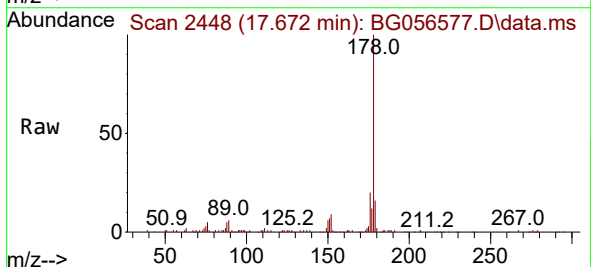


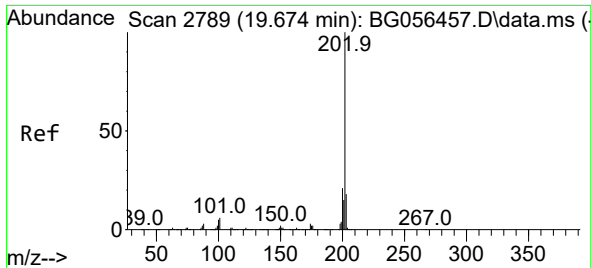
Tgt Ion:188 Resp: 286017
 Ion Ratio Lower Upper
 188 100
 94 5.2 4.1 6.1
 80 6.1 5.0 7.4



#71
 Phenanthrene
 Concen: 4.373 ng
 RT: 17.672 min Scan# 2448
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion:178 Resp: 65457
 Ion Ratio Lower Upper
 178 100
 176 20.2 15.6 23.4
 179 16.0 13.3 19.9





#75
 Fluoranthene
 Concen: 8.677 ng
 RT: 19.669 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument :

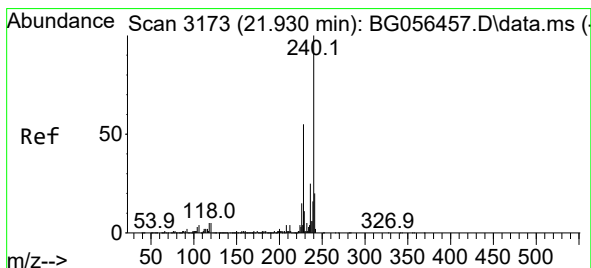
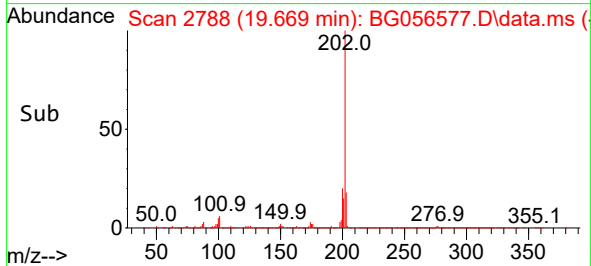
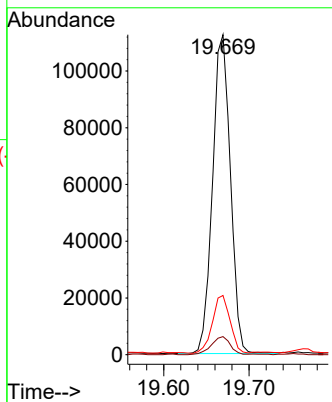
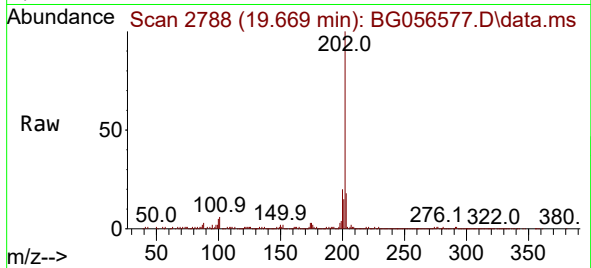
BNA_G

ClientSampleId :

JPP-34-020323

Tgt Ion: 202 Resp: 163942

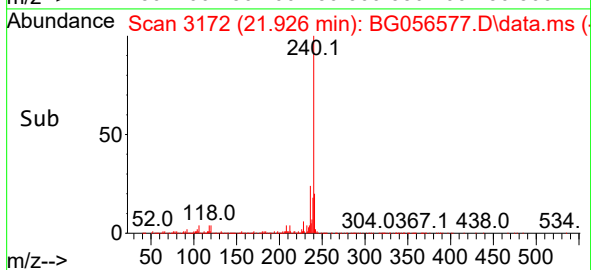
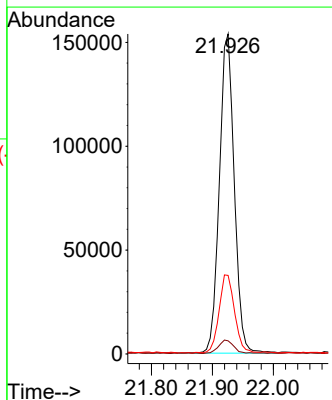
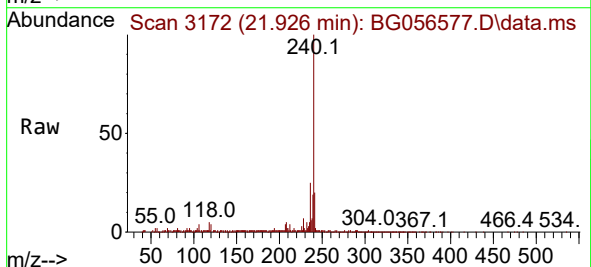
Ion	Ratio	Lower	Upper
202	100		
101	5.6	0.0	25.6
203	18.5	0.0	38.1

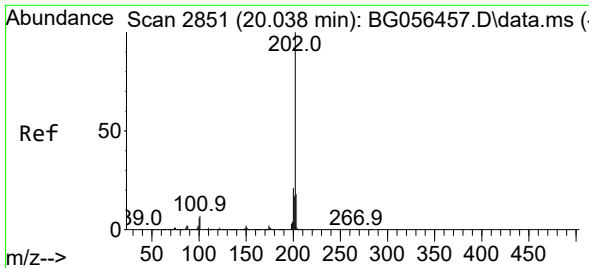


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.926 min Scan# 3172
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion: 240 Resp: 260722

Ion	Ratio	Lower	Upper
240	100		
120	4.1	3.8	5.8
236	24.5	20.2	30.2



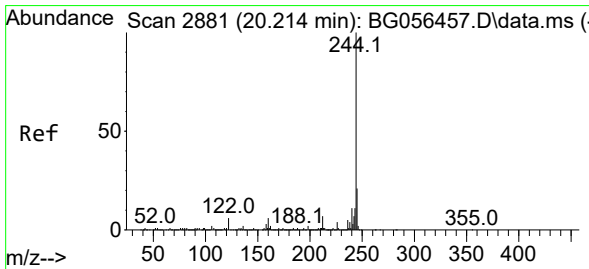
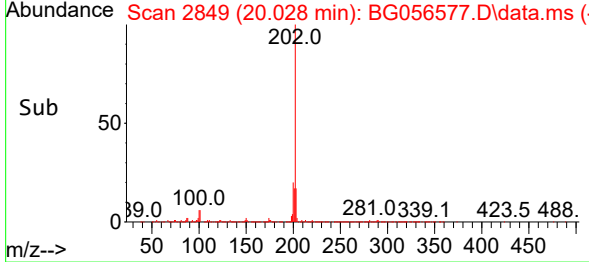
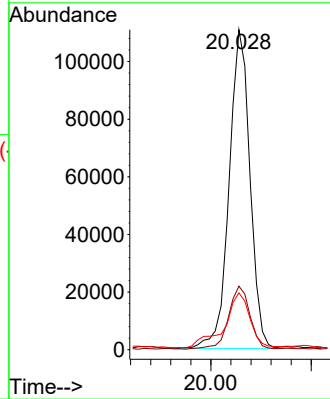
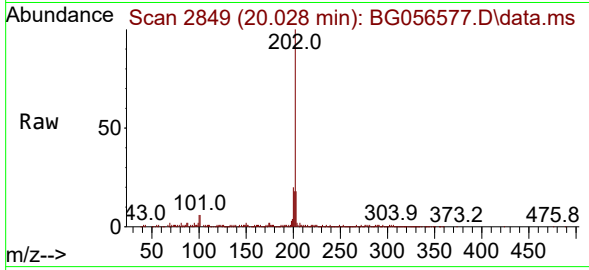


#78
 Pyrene
 Concen: 8.599 ng
 RT: 20.028 min Scan# 2849
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument : BNA_G
 ClientSampleId : JPP-34-020323

Tgt Ion: 202 Resp: 159443

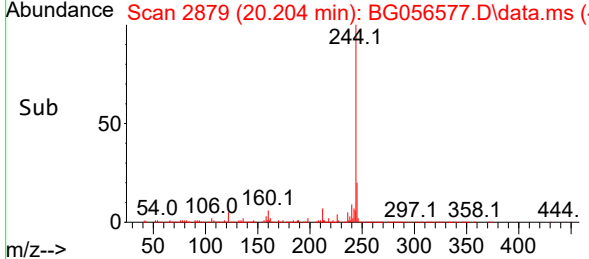
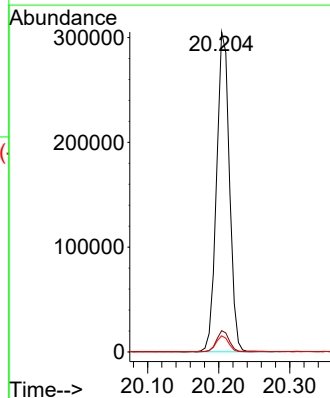
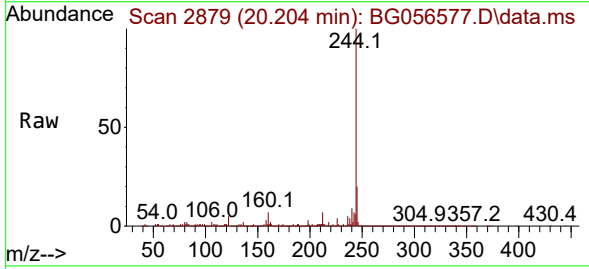
Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.7	25.1
203	17.8	14.4	21.6

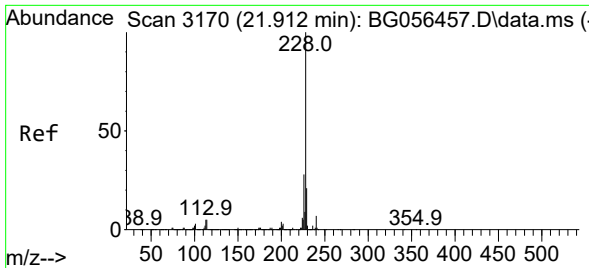


#79
 Terphenyl-d14
 Concen: 25.903 ng
 RT: 20.204 min Scan# 2879
 Delta R.T. -0.004 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion: 244 Resp: 384518

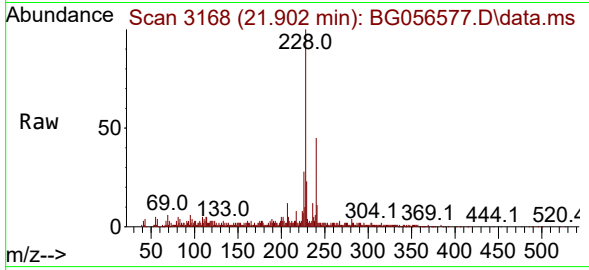
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.5	8.3
122	5.1	4.4	6.6



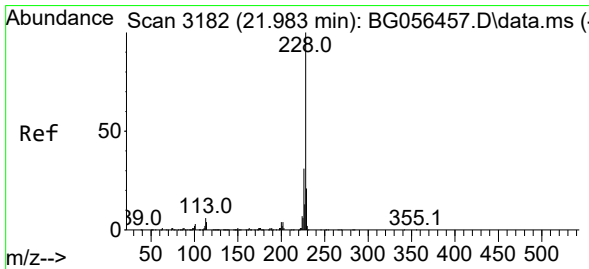
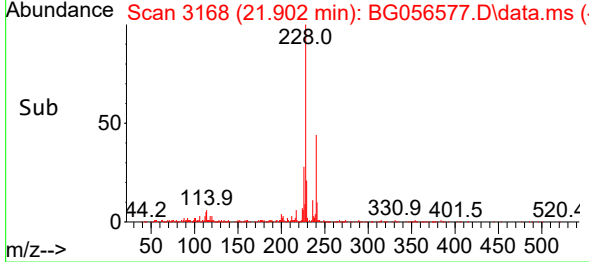
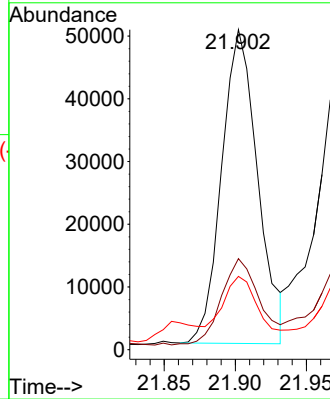


#81
 Benzo(a)anthracene
 Concen: 4.844 ng
 RT: 21.902 min Scan# 3168
 Delta R.T. 0.002 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

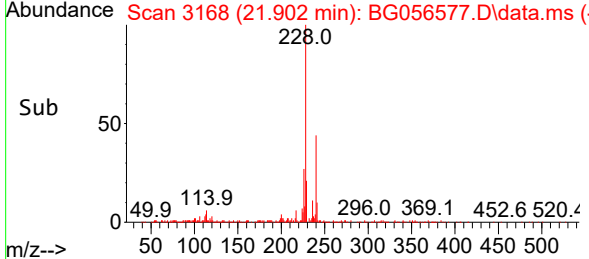
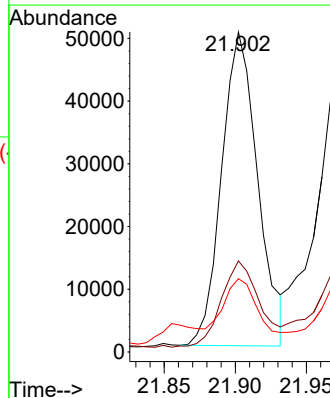
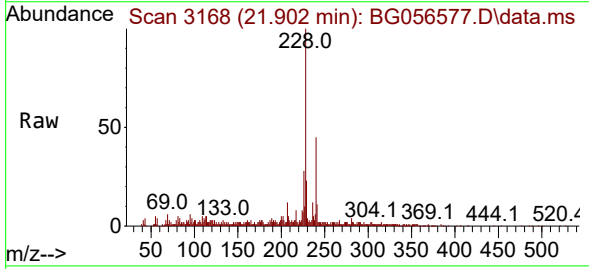


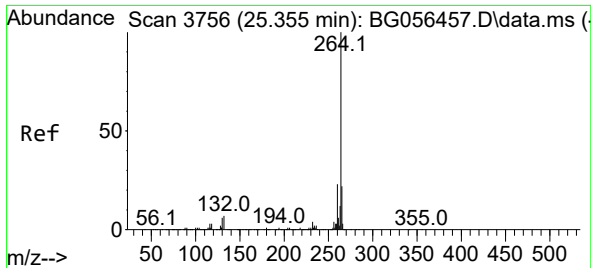
Tgt Ion:228 Resp: 88293
 Ion Ratio Lower Upper
 228 100
 226 28.4 22.4 33.6
 229 22.9 16.5 24.7



#83
 Chrysene
 Concen: 5.156 ng
 RT: 21.902 min Scan# 3168
 Delta R.T. -0.069 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion:228 Resp: 88293
 Ion Ratio Lower Upper
 228 100
 226 28.4 25.0 37.4
 229 22.9 16.4 24.6



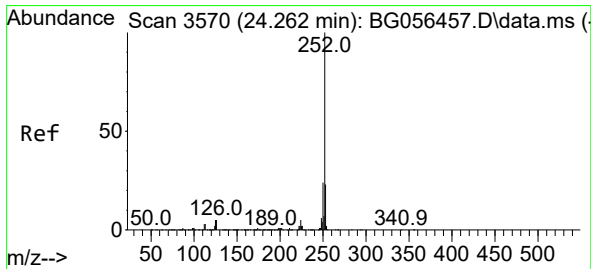
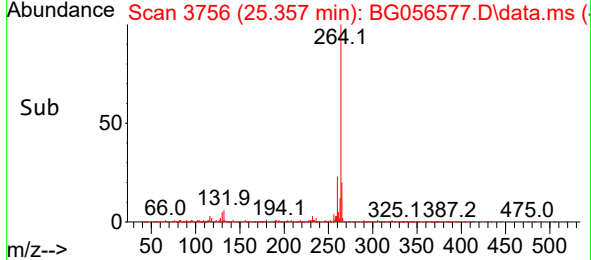
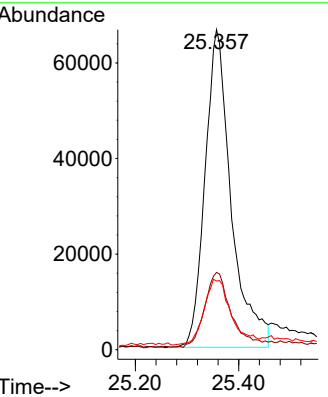
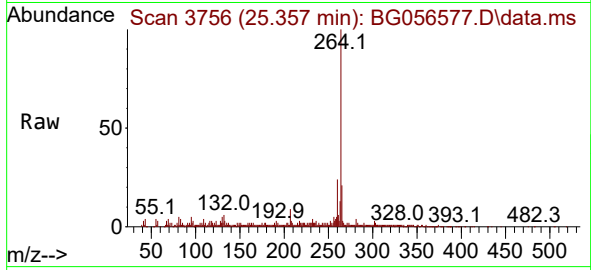


#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.357 min Scan# 31
 Delta R.T. 0.019 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

Tgt Ion:264 Resp: 233001

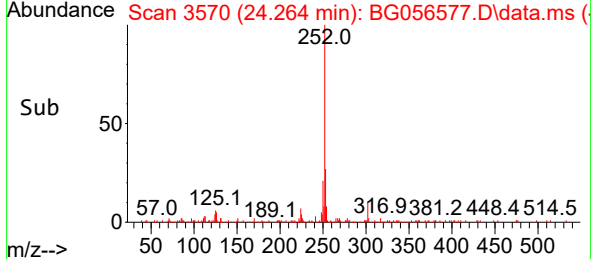
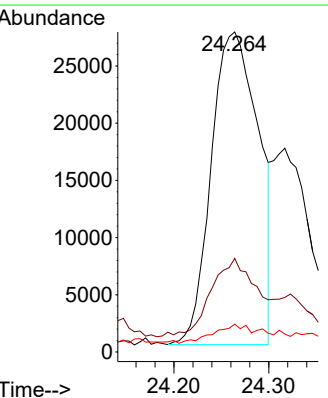
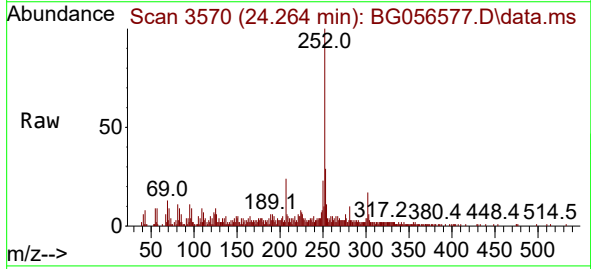
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.4	18.1	27.1

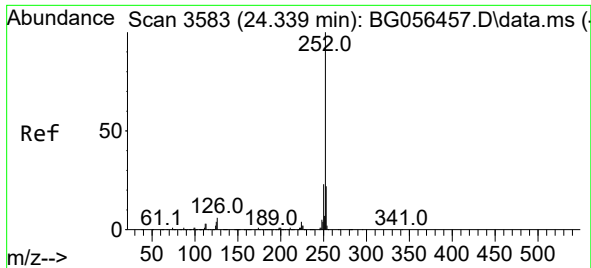


#88
 Benzo(b)fluoranthene
 Concen: 6.554 ng
 RT: 24.264 min Scan# 3570
 Delta R.T. 0.013 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion:252 Resp: 94792

Ion	Ratio	Lower	Upper
252	100		
253	29.3	18.1	27.1#
125	8.7	3.9	5.9#

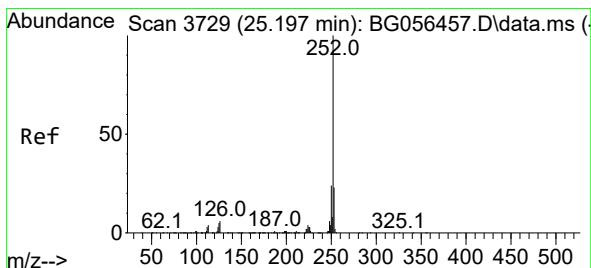
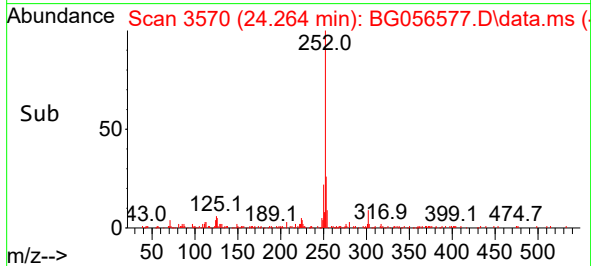
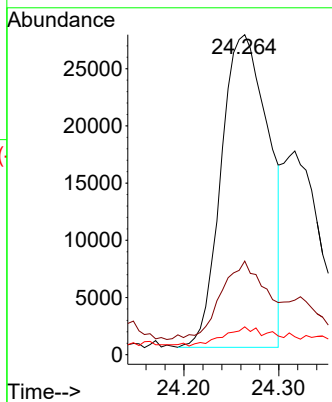
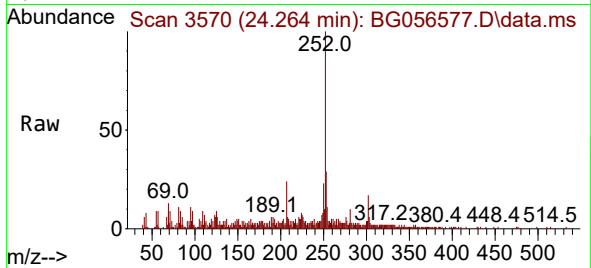




#89
 Benzo(k)fluoranthene
 Concen: 6.492 ng
 RT: 24.264 min Scan# 31
 Delta R.T. -0.057 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 JPP-34-020323

Tgt Ion	Resp	Lower	Upper
252	100		
253	29.3	17.5	26.3#
125	8.7	3.4	5.0#



#90
 Benzo(a)pyrene
 Concen: 4.825 ng
 RT: 25.192 min Scan# 3728
 Delta R.T. 0.013 min
 Lab File: BG056577.D
 Acq: 7 Feb 2023 21:28

Tgt Ion	Resp	Lower	Upper
252	100		
253	27.0	18.4	27.6
125	8.3	4.1	6.1#

