

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056525.D
 Acq On : 2 Feb 2023 22:17
 Operator : CG/JU
 Sample : 01386-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-15-013123

Quant Time: Feb 03 06:00:03 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 01 01:15:52 2023
 Response via : Initial Calibration

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

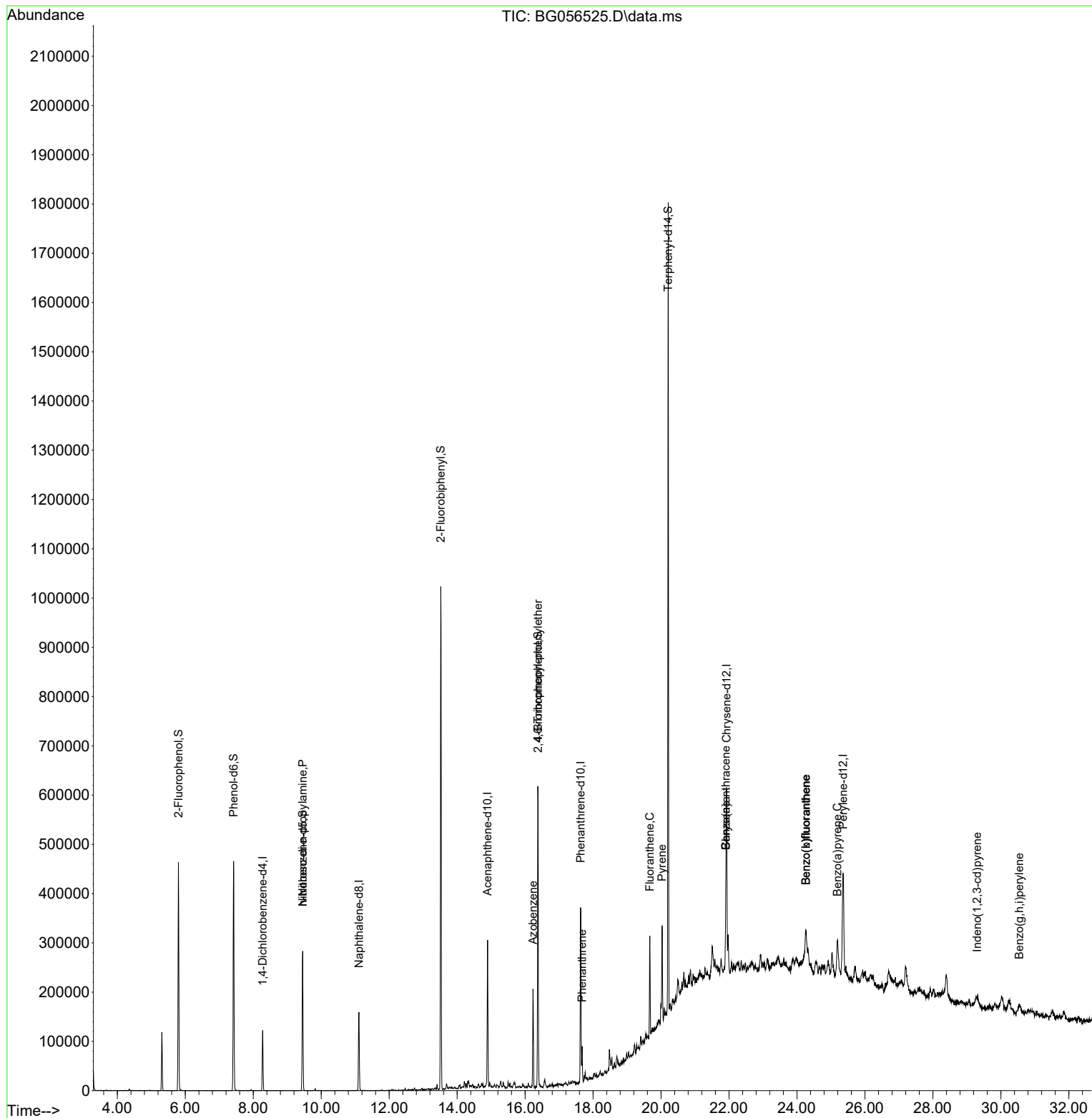
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.279	152	41597	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	154717	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	108266	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	250974	20.000	ng	0.00
76) Chrysene-d12	21.928	240	239905	20.000	ng	0.00
86) Perylene-d12	25.359	264	263521	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	267396	118.253	ng	0.00
7) Phenol-d6	7.421	99	371499	110.882	ng	0.00
23) Nitrobenzene-d5	9.454	82	198894	72.999	ng	0.00
42) 2,4,6-Tribromophenol	16.381	330	132733	92.219	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	580979	74.399	ng	0.00
79) Terphenyl-d14	20.212	244	880347	64.451	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	7.415	77	656	Below Cal	#	22
19) n-Nitroso-di-n-propyla...	9.454	70	24729	12.808	ng	# 72
63) Azobenzene	16.234	77	50816	8.979	ng	# 1
67) 4-Bromophenyl-phenylether	16.375	248	10736	3.342	ng	# 1
71) Phenanthrene	17.680	178	51014	3.884	ng	98
75) Fluoranthene	19.672	202	139031	8.386	ng	96
78) Pyrene	20.030	202	133830	7.843	ng	98
81) Benzo(a)anthracene	21.904	228	74717	4.455	ng	98
83) Chrysene	21.904	228	74717	4.742	ng	95
87) Indeno(1,2,3-cd)pyrene	29.301	276	44672	2.316	ng	# 88
88) Benzo(b)fluoranthene	24.260	252	100353	6.135	ng	# 89
89) Benzo(k)fluoranthene	24.260	252	100353	6.077	ng	# 87
90) Benzo(a)pyrene	25.189	252	77041	4.782	ng	# 95
92) Benzo(g,h,i)perylene	30.541	276	43972	2.814	ng	# 85

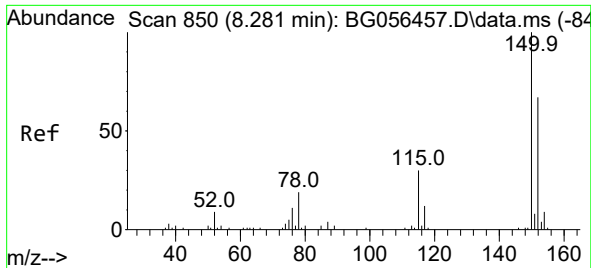
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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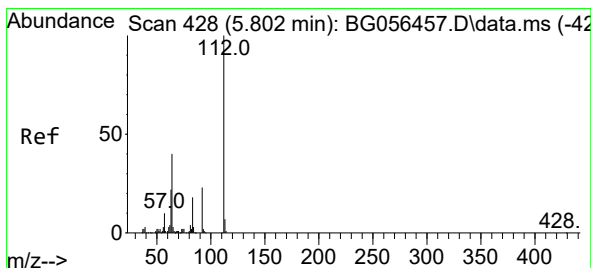
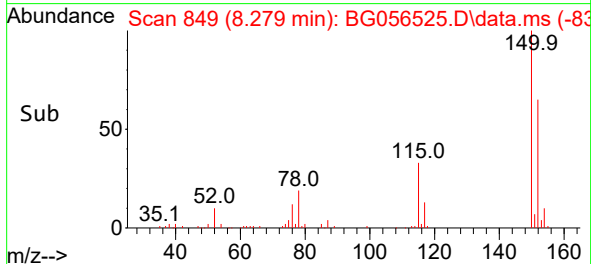
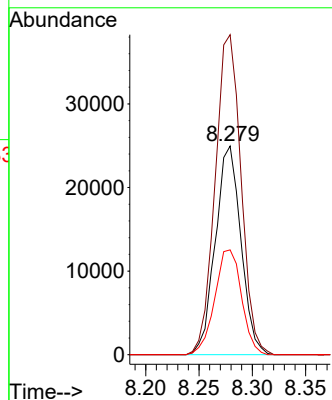
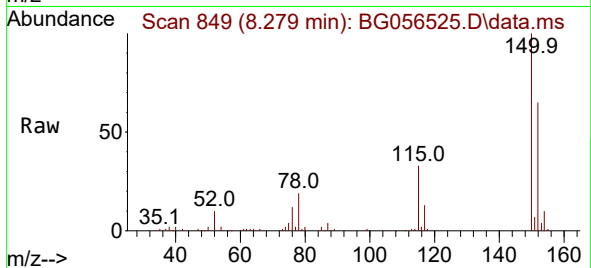




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.279 min Scan# 849
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

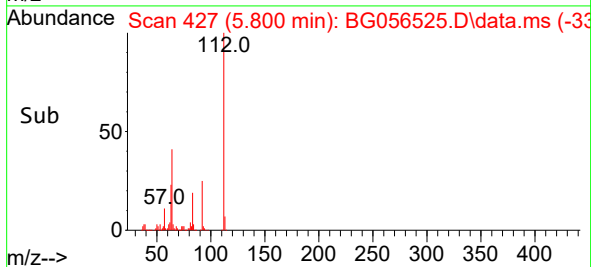
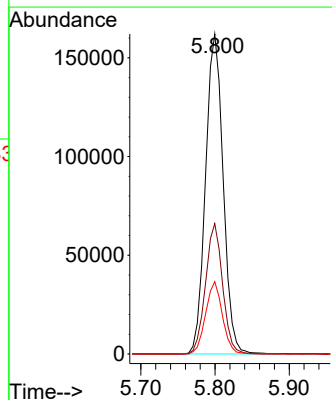
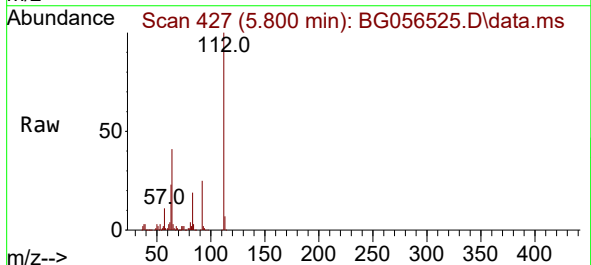
Instrument :
BNA_G
ClientSampleId :
JPP-15-013123

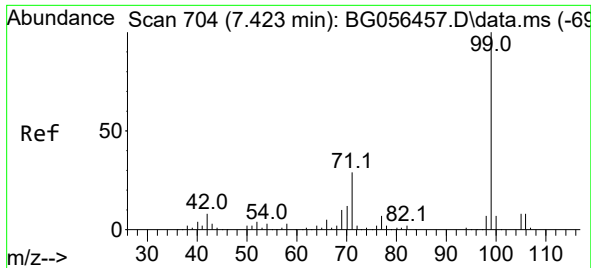
Tgt Ion:152 Resp: 41597
Ion Ratio Lower Upper
152 100
150 153.4 120.2 180.4
115 50.2 36.3 54.5



#5
2-Fluorophenol
Concen: 118.253 ng
RT: 5.800 min Scan# 427
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:112 Resp: 267396
Ion Ratio Lower Upper
112 100
64 40.8 31.9 47.9
63 22.6 17.4 26.0

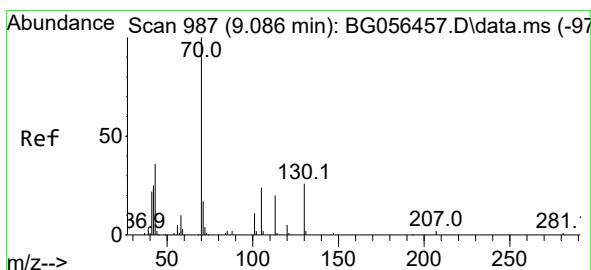
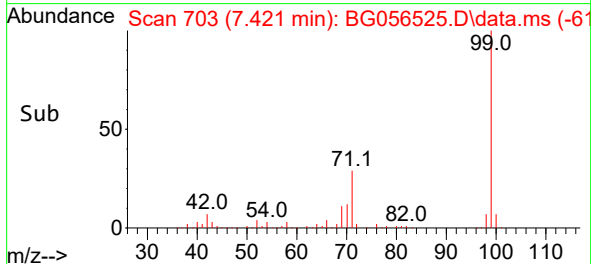
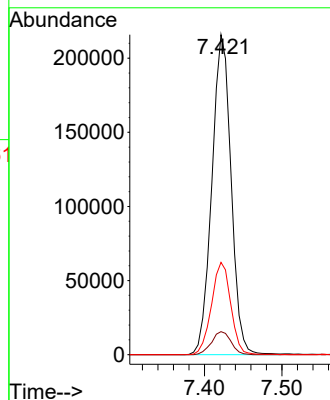
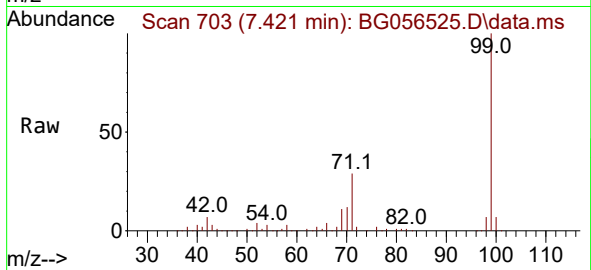




#7
Phenol-d6
Concen: 110.882 ng
RT: 7.421 min Scan# 704
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

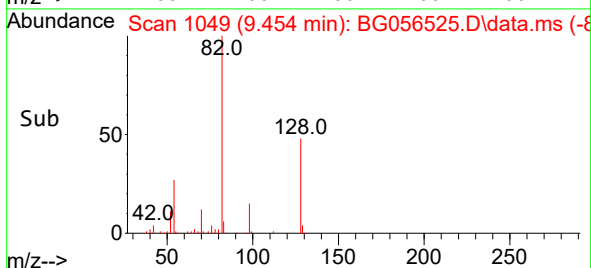
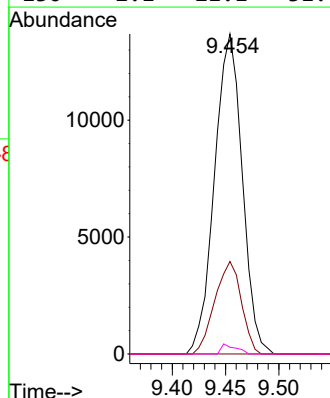
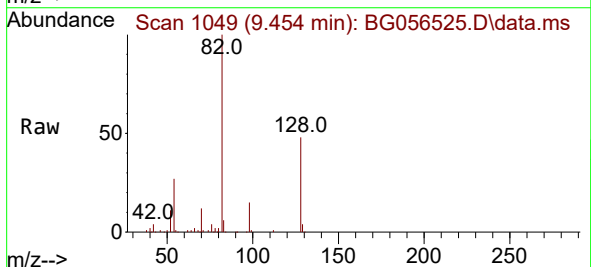
Instrument :
BNA_G
ClientSampleId :
JPP-15-013123

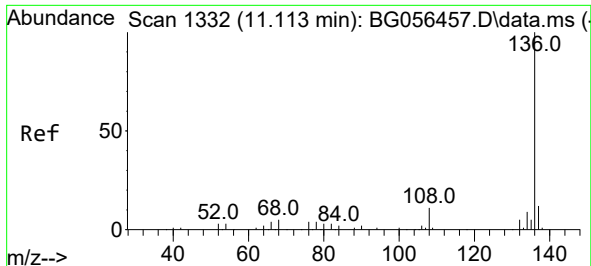
Tgt Ion: 99 Resp: 371499
Ion Ratio Lower Upper
99 100
42 7.2 6.6 10.0
71 28.9 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.808 ng
RT: 9.454 min Scan# 1049
Delta R.T. 0.374 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion: 70 Resp: 24729
Ion Ratio Lower Upper
70 100
42 28.9 20.2 30.4
101 0.0 9.1 13.7#
130 2.1 21.1 31.7#

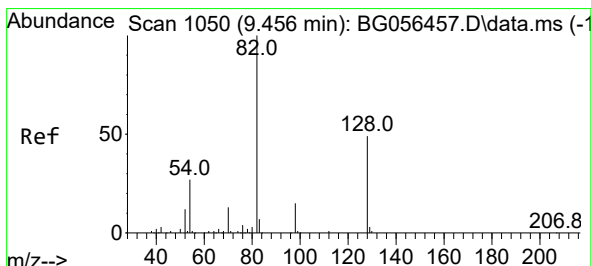
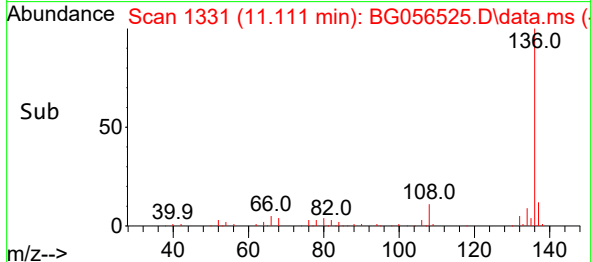
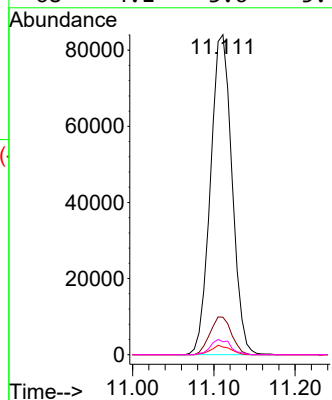
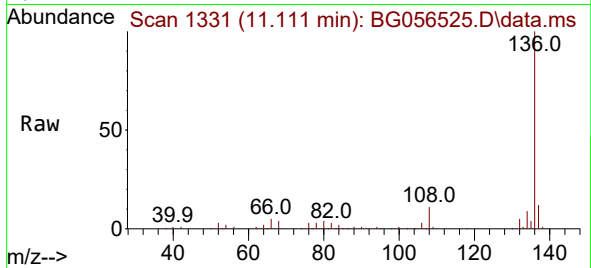




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1111
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

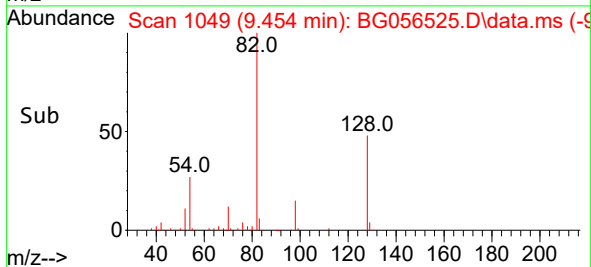
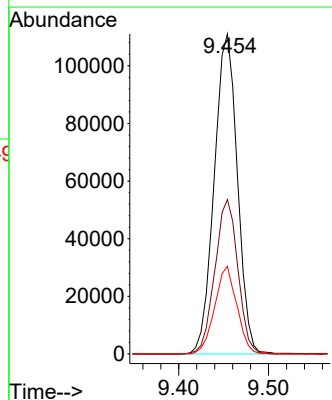
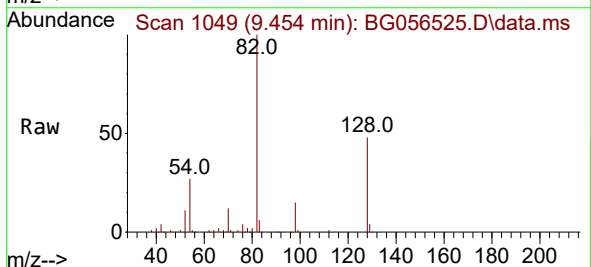
Instrument :
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ClientSampleId :
JPP-15-013123

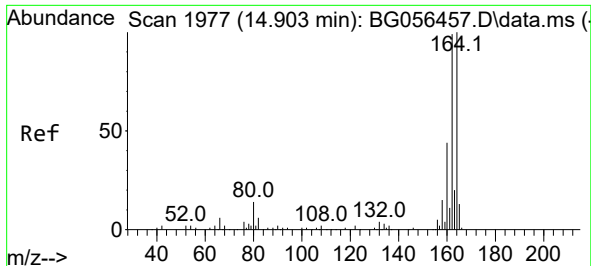
Tgt Ion:	136	Resp:	154717
Ion Ratio	Lower	Upper	
136	100		
137	11.7	9.4	14.0
54	2.4	2.2	3.4
68	4.1	3.6	5.4



#23
Nitrobenzene-d5
Concen: 72.999 ng
RT: 9.454 min Scan# 1049
Delta R.T. -0.002 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:	82	Resp:	198894
Ion Ratio	Lower	Upper	
82	100		
128	48.3	39.4	59.2
54	27.4	21.4	32.2

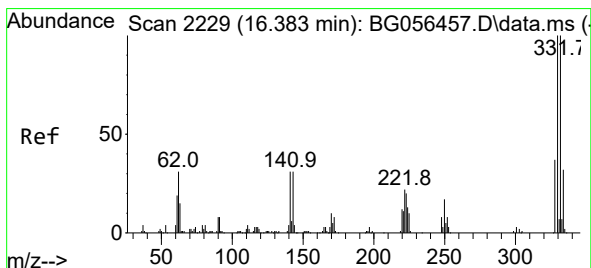
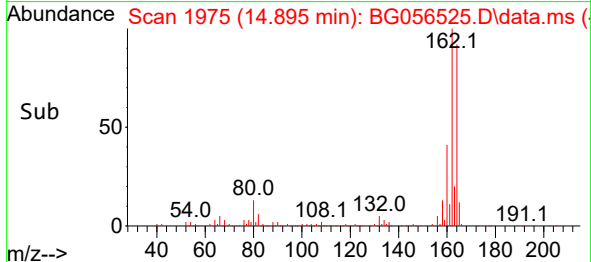
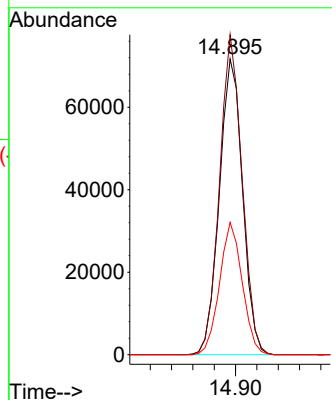
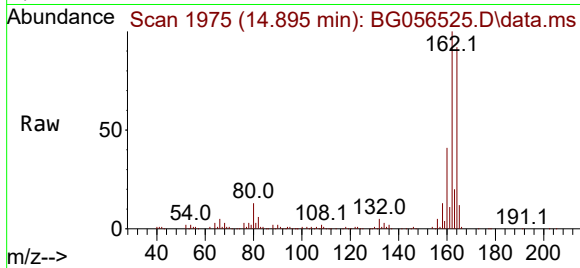




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.895 min Scan# 1975
Delta R.T. -0.002 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

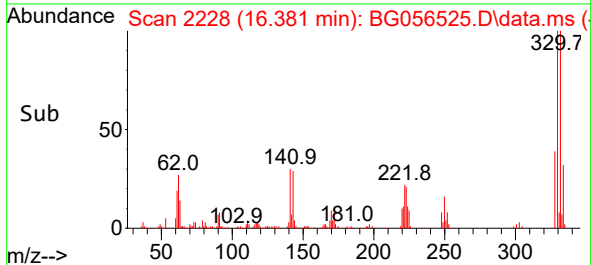
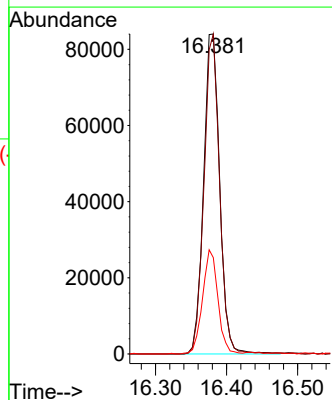
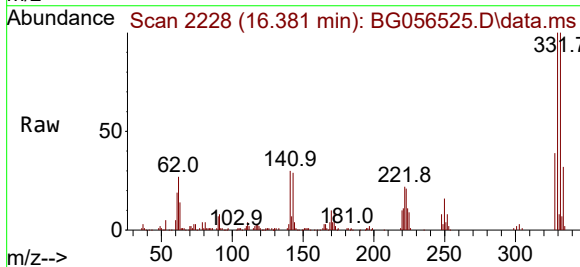
Instrument :
BNA_G
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JPP-15-013123

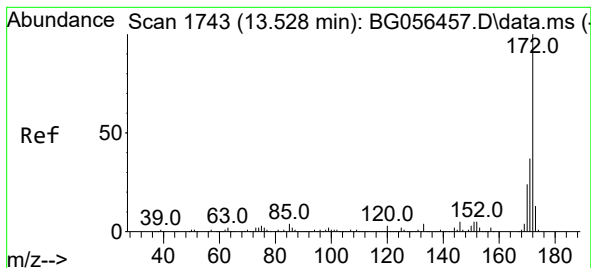
Tgt Ion:164 Resp: 108266
Ion Ratio Lower Upper
164 100
162 108.2 79.6 119.4
160 44.7 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 92.219 ng
RT: 16.381 min Scan# 2228
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:330 Resp: 132733
Ion Ratio Lower Upper
330 100
332 96.7 79.0 118.6
141 31.0 24.2 36.4

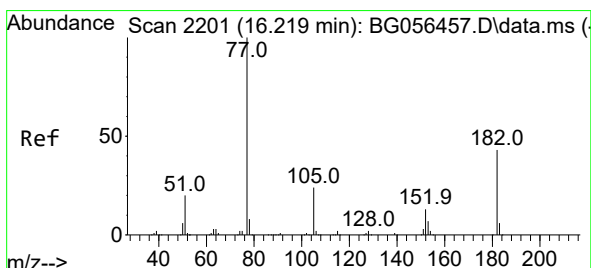
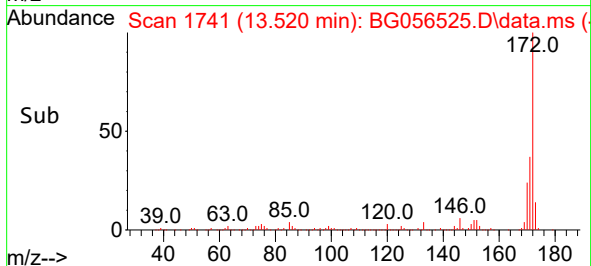
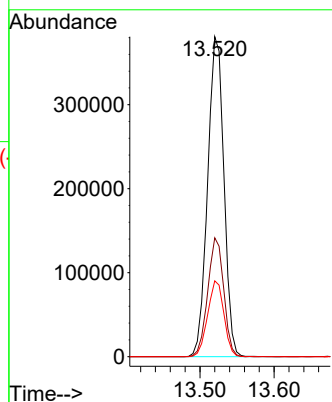
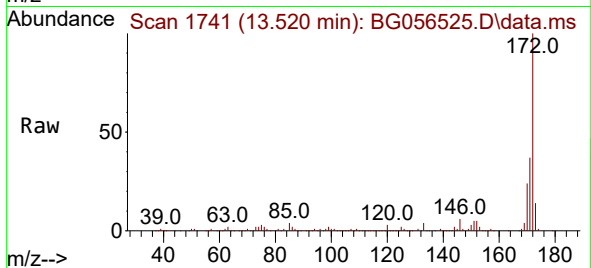




#45
2-Fluorobiphenyl
Concen: 74.399 ng
RT: 13.520 min Scan# 1
Delta R.T. -0.002 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

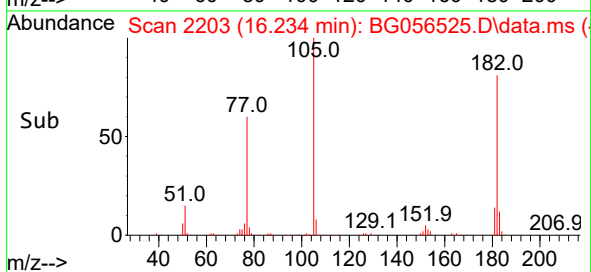
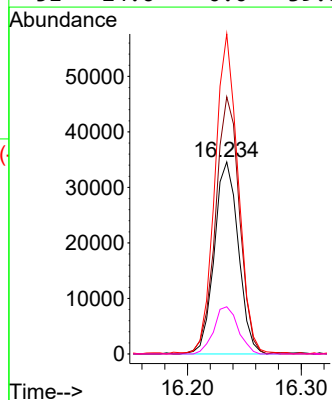
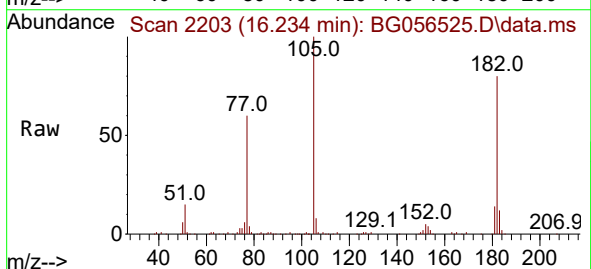
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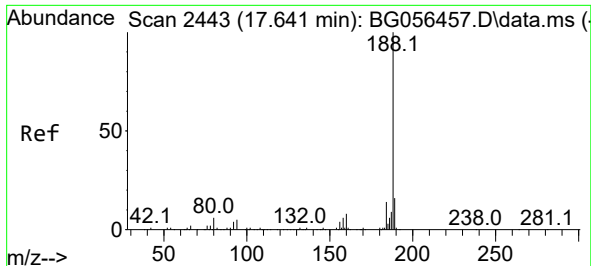
Tgt Ion:172 Resp: 580979
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 23.7 19.2 28.8



#63
Azobenzene
Concen: 8.979 ng
RT: 16.234 min Scan# 2203
Delta R.T. 0.021 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion: 77 Resp: 50816
Ion Ratio Lower Upper
77 100
182 133.9 23.1 63.1#
105 166.6 4.2 44.2#
51 24.6 0.0 39.8

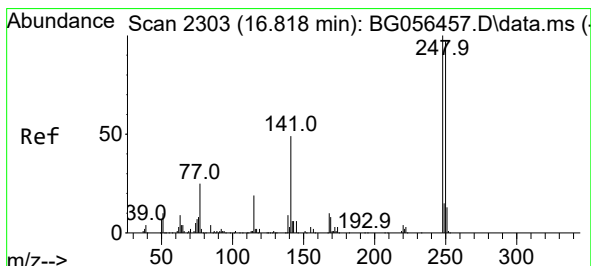
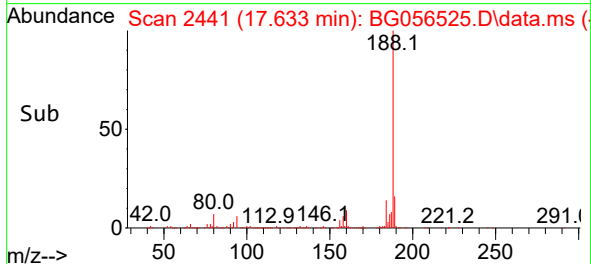
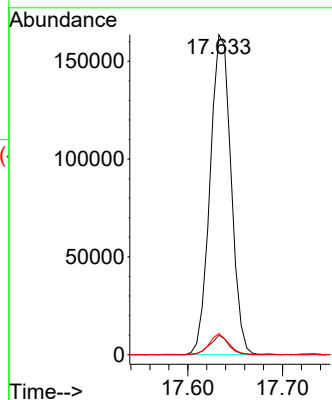
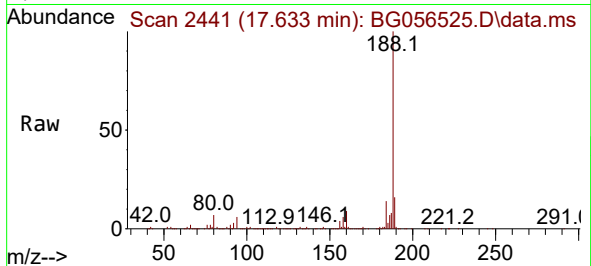




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 2443
Delta R.T. -0.002 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

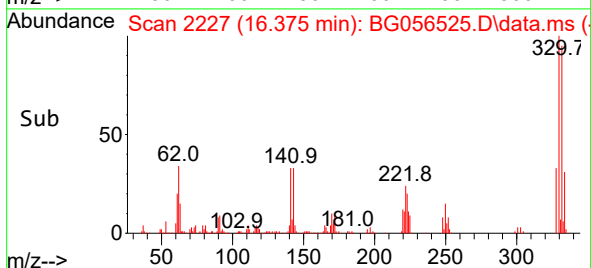
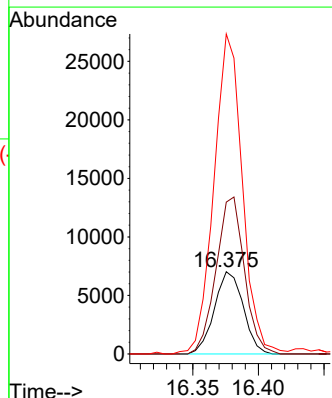
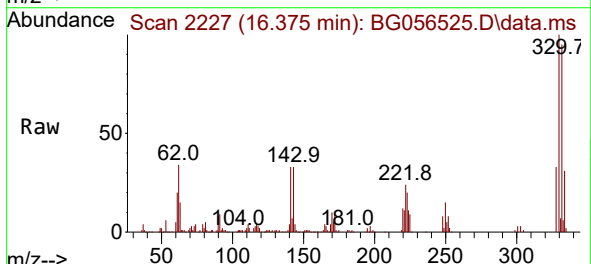
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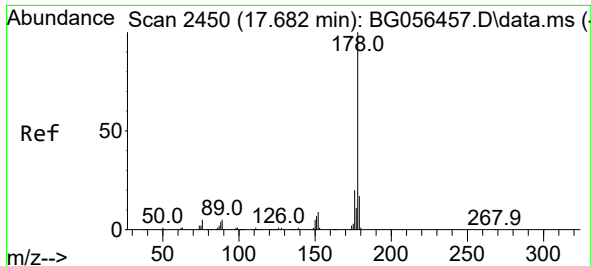
Tgt Ion:188 Resp: 250974
Ion Ratio Lower Upper
188 100
94 6.0 4.1 6.1
80 6.6 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 3.342 ng
RT: 16.375 min Scan# 2227
Delta R.T. -0.437 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:248 Resp: 10736
Ion Ratio Lower Upper
248 100
250 184.6 77.6 116.4#
141 388.9 39.0 58.4#

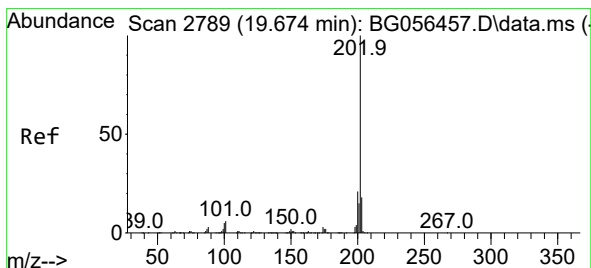
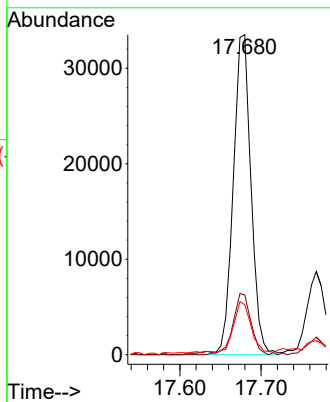
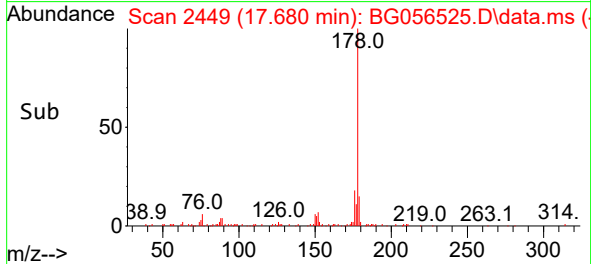
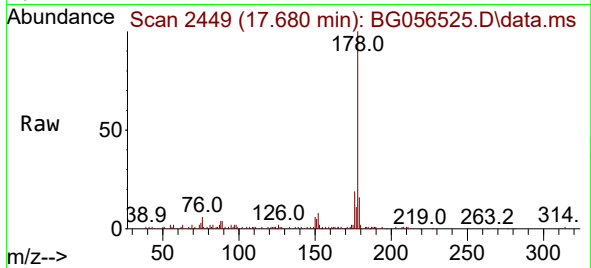




#71
Phenanthrene
Concen: 3.884 ng
RT: 17.680 min Scan# 2450
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

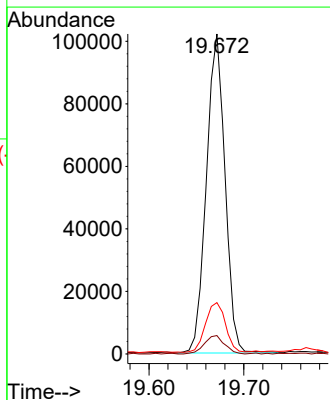
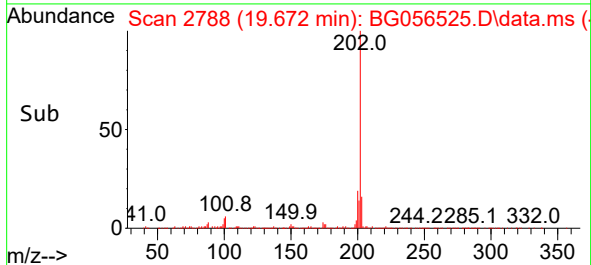
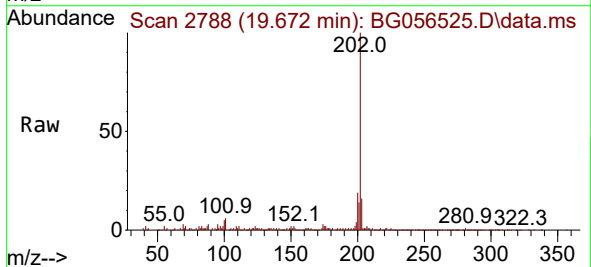
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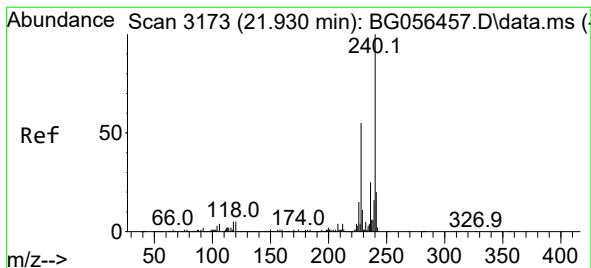
Tgt Ion:178 Resp: 51014
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 15.6 13.3 19.9



#75
Fluoranthene
Concen: 8.386 ng
RT: 19.672 min Scan# 2788
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:202 Resp: 139031
Ion Ratio Lower Upper
202 100
101 5.7 0.0 25.6
203 16.1 0.0 38.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.928 min Scan# 31

Delta R.T. 0.004 min

Lab File: BG056525.D

Acq: 2 Feb 2023 22:17

Instrument :

BNA_G

ClientSampleId :

JPP-15-013123

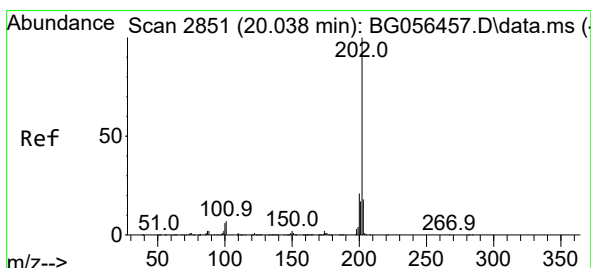
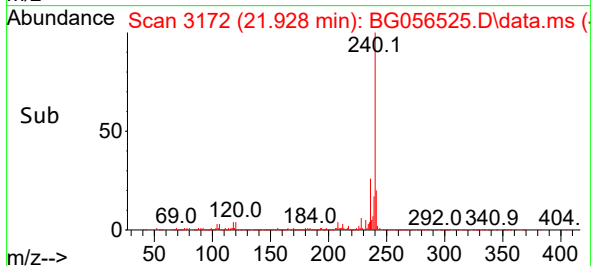
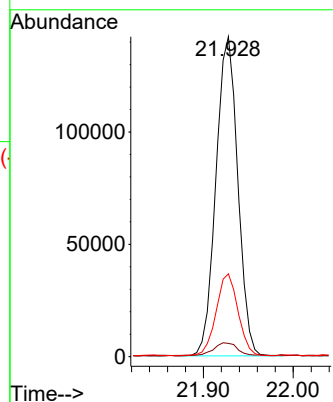
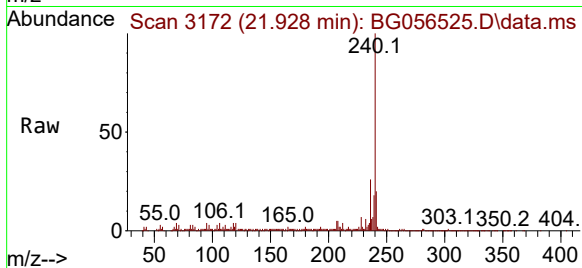
Tgt Ion:240 Resp: 239905

Ion Ratio Lower Upper

240 100

120 4.1 3.8 5.8

236 25.9 20.2 30.2



#78

Pyrene

Concen: 7.843 ng

RT: 20.030 min Scan# 2849

Delta R.T. -0.002 min

Lab File: BG056525.D

Acq: 2 Feb 2023 22:17

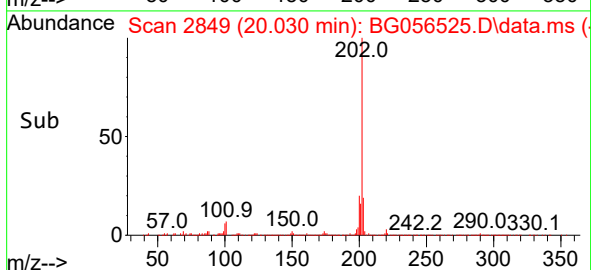
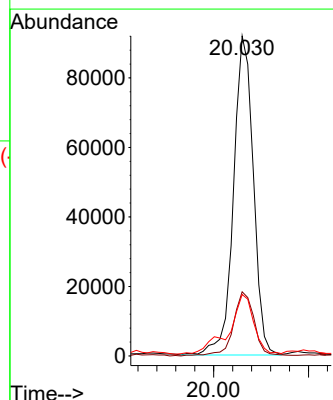
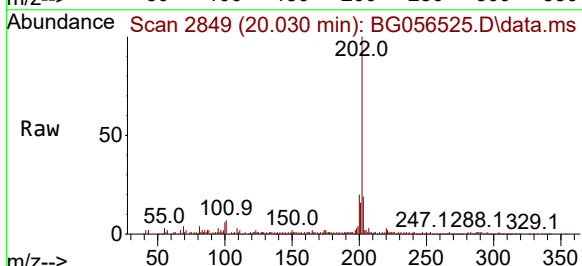
Tgt Ion:202 Resp: 133830

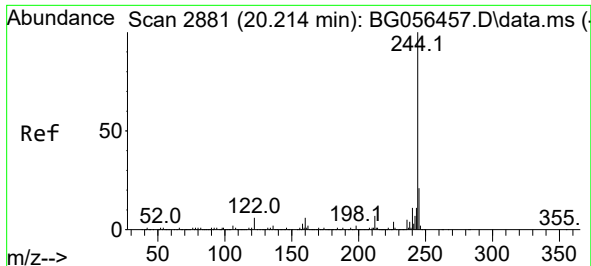
Ion Ratio Lower Upper

202 100

200 20.1 16.7 25.1

203 19.2 14.4 21.6

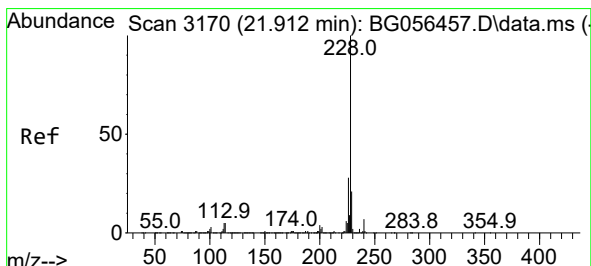
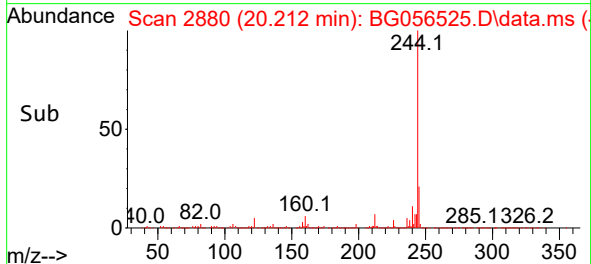
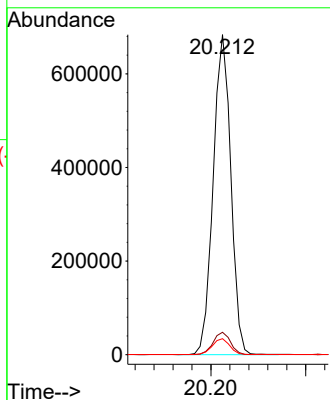
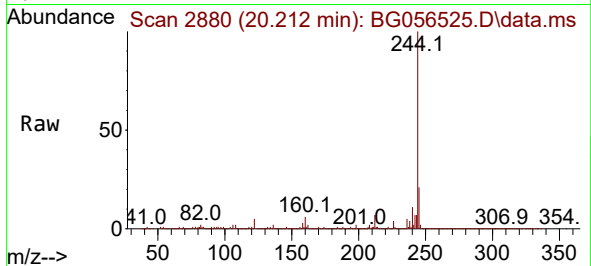




#79
 Terphenyl-d14
 Concen: 64.451 ng
 RT: 20.212 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG056525.D
 Acq: 2 Feb 2023 22:17

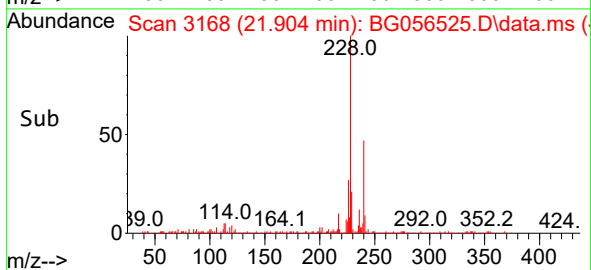
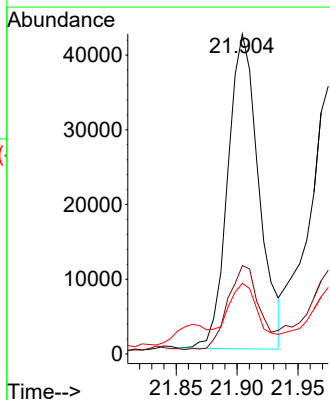
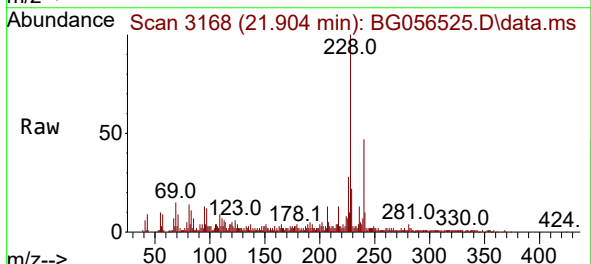
Instrument :
 BNA_G
 ClientSampleId :
 JPP-15-013123

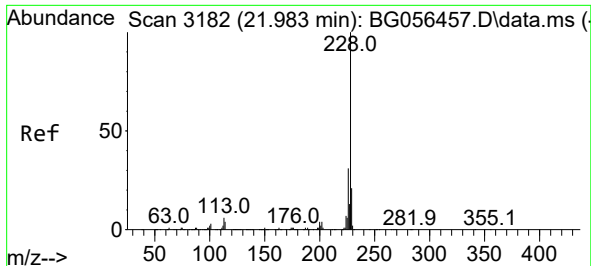
Tgt Ion:244 Resp: 880347
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.0 4.4 6.6



#81
 Benzo(a)anthracene
 Concen: 4.455 ng
 RT: 21.904 min Scan# 3168
 Delta R.T. 0.004 min
 Lab File: BG056525.D
 Acq: 2 Feb 2023 22:17

Tgt Ion:228 Resp: 74717
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.4 33.6
 229 22.0 16.5 24.7

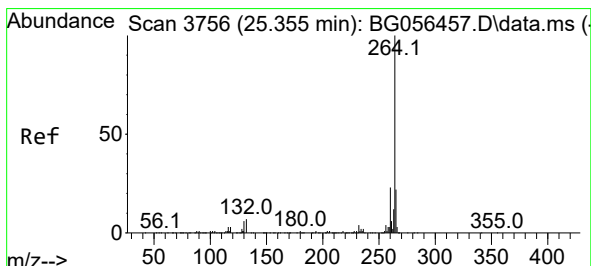
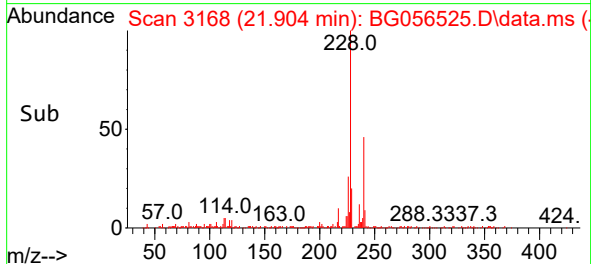
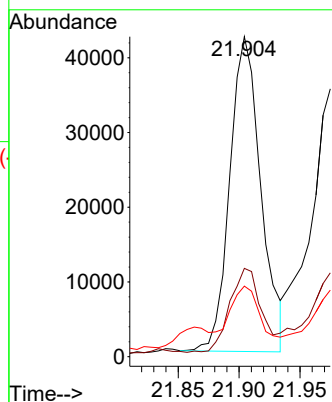
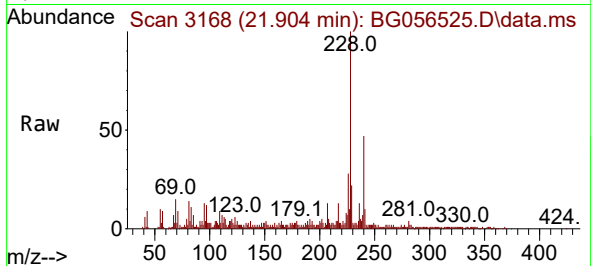




#83
Chrysene
Concen: 4.742 ng
RT: 21.904 min Scan# 3182
Delta R.T. -0.073 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

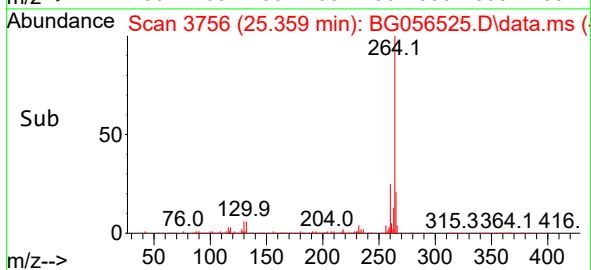
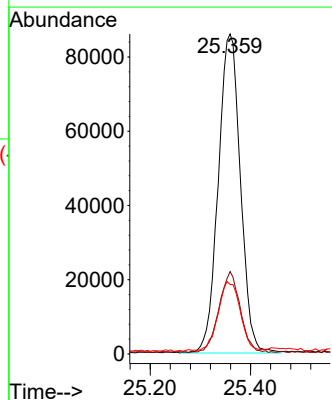
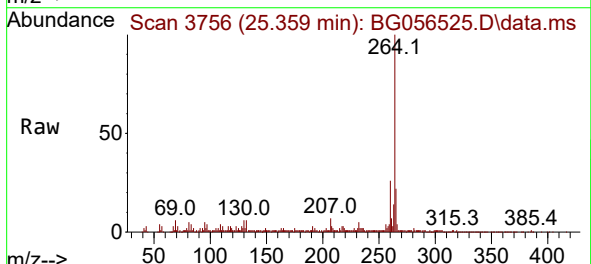
Instrument :
BNA_G
ClientSampleId :
JPP-15-013123

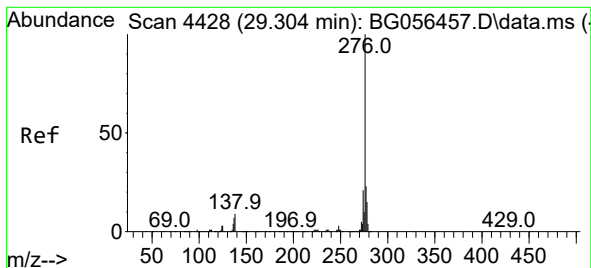
Tgt Ion:228 Resp: 74717
Ion Ratio Lower Upper
228 100
226 27.6 25.0 37.4
229 22.0 16.4 24.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.359 min Scan# 3756
Delta R.T. 0.015 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:264 Resp: 263521
Ion Ratio Lower Upper
264 100
260 25.7 18.2 27.4
265 21.7 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 2.316 ng

RT: 29.301 min Scan# 4428

Delta R.T. 0.021 min

Lab File: BG056525.D

Acq: 2 Feb 2023 22:17

Instrument :

BNA_G

ClientSampleId :

JPP-15-013123

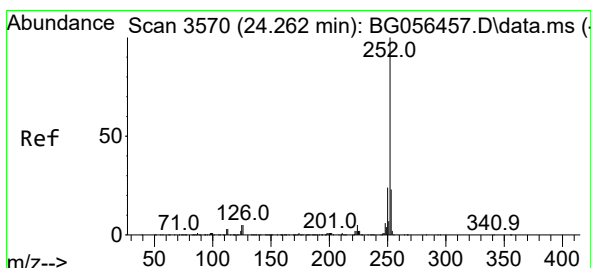
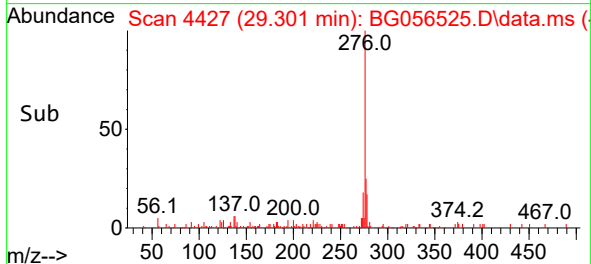
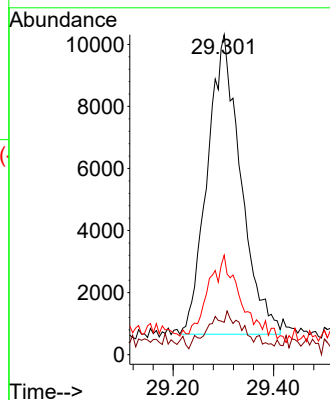
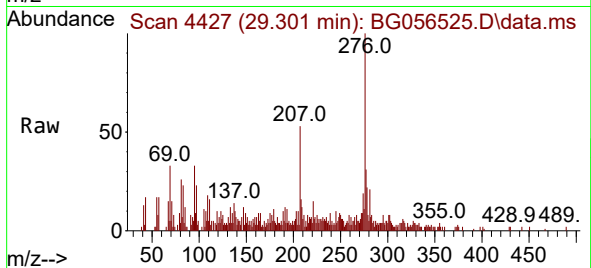
Tgt Ion:276 Resp: 44672

Ion Ratio Lower Upper

276 100

138 6.0 9.4 14.2#

277 30.8 20.3 30.5#



#88

Benzo(b)fluoranthene

Concen: 6.135 ng

RT: 24.260 min Scan# 3569

Delta R.T. 0.009 min

Lab File: BG056525.D

Acq: 2 Feb 2023 22:17

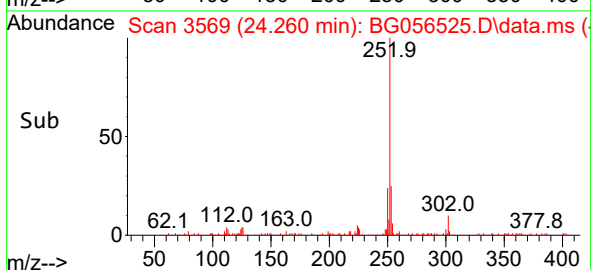
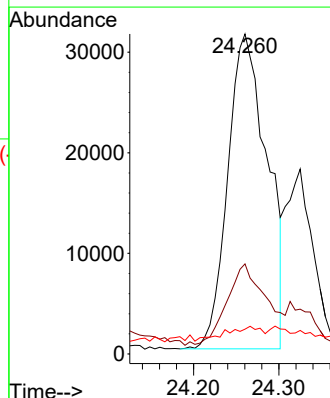
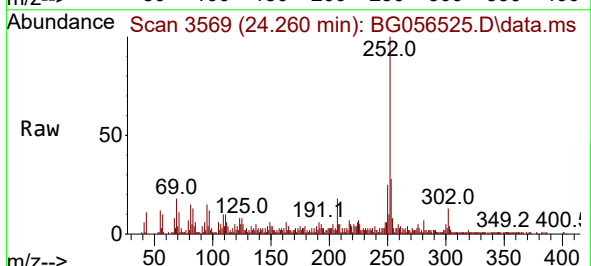
Tgt Ion:252 Resp: 100353

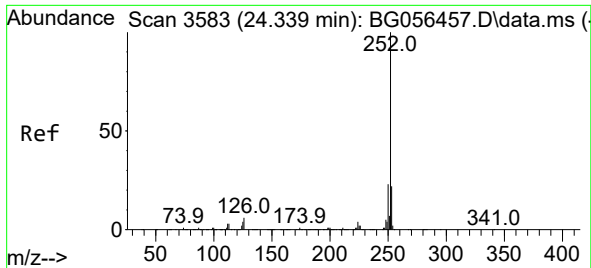
Ion Ratio Lower Upper

252 100

253 28.2 18.1 27.1#

125 7.8 3.9 5.9#

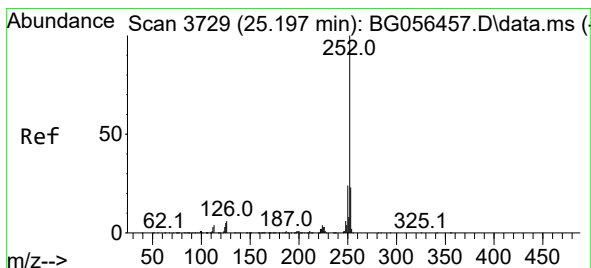
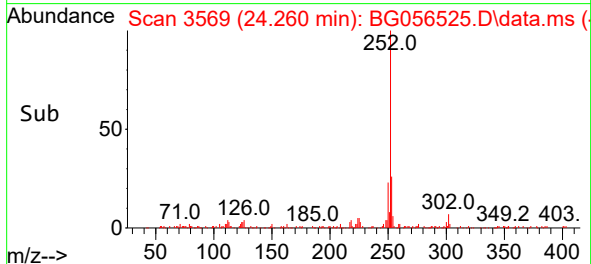
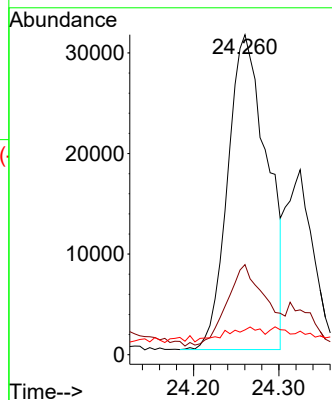
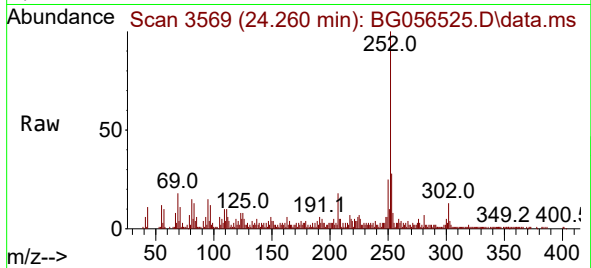




#89
Benzo(k)fluoranthene
Concen: 6.077 ng
RT: 24.260 min Scan# 3583
Delta R.T. -0.061 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

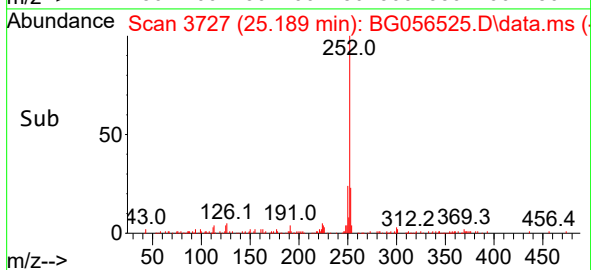
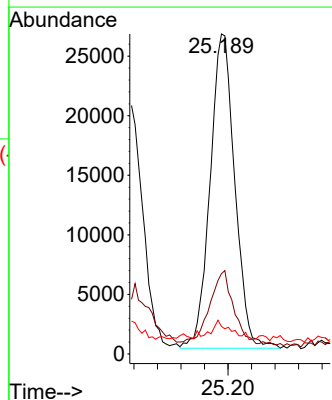
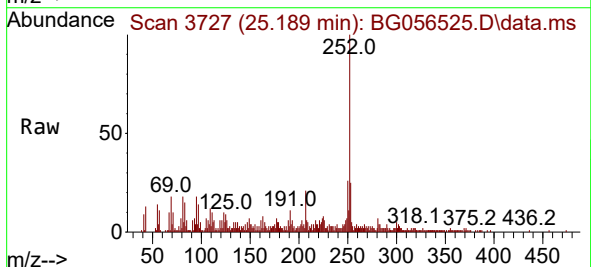
Instrument :
BNA_G
ClientSampleId :
JPP-15-013123

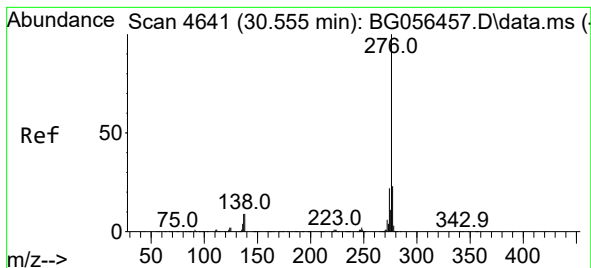
Tgt Ion:252 Resp: 100353
Ion Ratio Lower Upper
252 100
253 28.2 17.5 26.3#
125 7.8 3.4 5.0#



#90
Benzo(a)pyrene
Concen: 4.782 ng
RT: 25.189 min Scan# 3727
Delta R.T. 0.004 min
Lab File: BG056525.D
Acq: 2 Feb 2023 22:17

Tgt Ion:252 Resp: 77041
Ion Ratio Lower Upper
252 100
253 25.1 18.4 27.6
125 8.6 4.1 6.1#





#92

Benzo(g,h,i)perylene

Concen: 2.814 ng

RT: 30.541 min Scan# 4

Delta R.T. 0.015 min

Lab File: BG056525.D

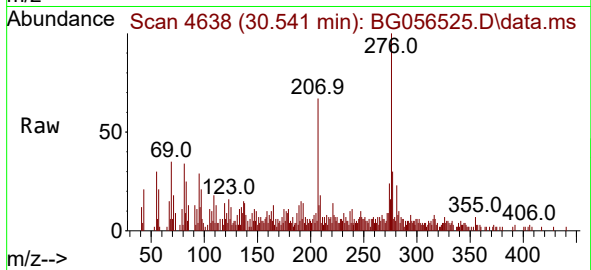
Acq: 2 Feb 2023 22:17

Instrument :

BNA_G

ClientSampleId :

JPP-15-013123



Tgt Ion:276 Resp: 43972

Ion Ratio Lower Upper

276 100

277 30.4 18.5 27.7#

138 14.0 7.4 11.0#

