

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
 Data File : BG055312.D
 Acq On : 27 Oct 2022 00:07
 Operator : CG/JU
 Sample : N5254-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-5-102122

Quant Time: Oct 27 10:44:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

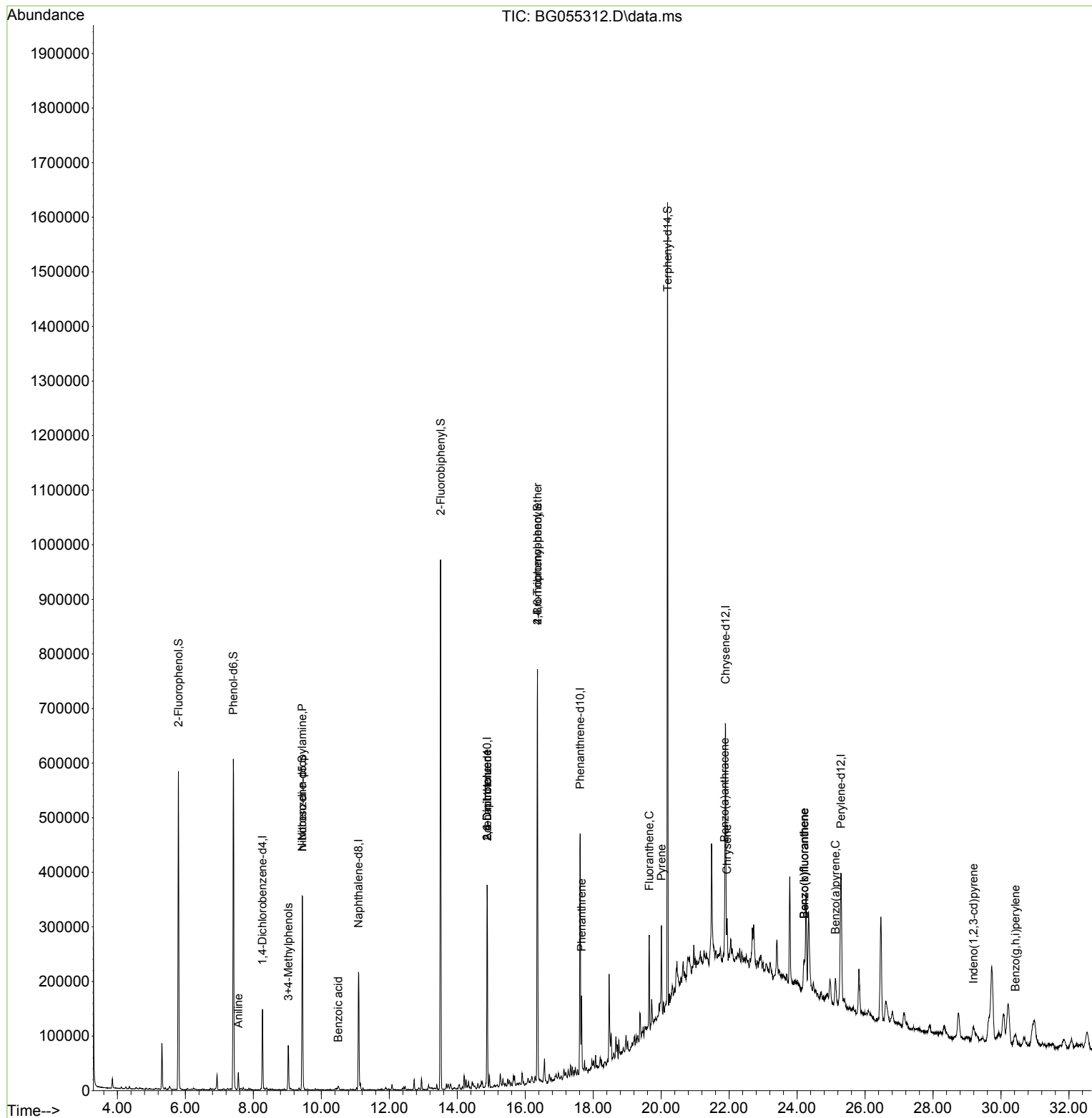
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	41433	20.000	ng	0.00
21) Naphthalene-d8	11.096	136	188949	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	126703	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	267165	20.000	ng	0.00
76) Chrysene-d12	21.896	240	243988	20.000	ng	0.00
86) Perylene-d12	25.292	264	261649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	266051	112.434	ng	0.00
7) Phenol-d6	7.413	99	370013	107.932	ng	0.00
23) Nitrobenzene-d5	9.440	82	227292	61.425	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	146075	106.053	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	501616	64.799	ng	0.00
79) Terphenyl-d14	20.192	244	721554	61.444	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	7.559	93	12902	2.875	ng	# 49
19) n-Nitroso-di-n-propyla...	9.440	70	29882	10.497	ng	# 78
20) 3+4-Methylphenols	9.028	107	41122	10.572	ng	90
32) Benzoic acid	10.503	122	2191	5.148	ng	# 27
51) 2,6-Dinitrotoluene	14.880	165	17034	8.415	ng	# 21
57) 2,4-Dinitrotoluene	14.880	165	17034	5.799	ng	# 19
67) 4-Bromophenyl-phenylether	16.361	248	9564	3.685	ng	# 1
71) Phenanthrene	17.659	178	81787	5.740	ng	100
75) Fluoranthene	19.651	202	105725	6.368	ng	97
78) Pyrene	20.010	202	95819	5.729	ng	98
81) Benzo(a)anthracene	21.872	228	44553	2.719	ng	97
83) Chrysene	21.943	228	51780	3.327	ng	97
87) Indeno(1,2,3-cd)pyrene	29.193	276	38916	2.014	ng	# 90
88) Benzo(b)fluoranthene	24.211	252	74173	4.713	ng	# 89
89) Benzo(k)fluoranthene	24.211	252	74173	4.667	ng	# 91
90) Benzo(a)pyrene	25.127	252	48871	3.621	ng	# 88
92) Benzo(g,h,i)perylene	30.427	276	41094	2.612	ng	96

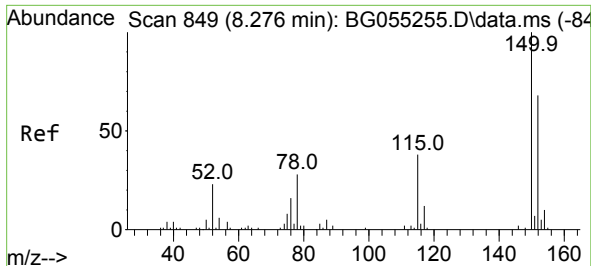
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102622\
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Quant Time: Oct 27 10:44:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 24 16:54:05 2022
Response via : Initial Calibration

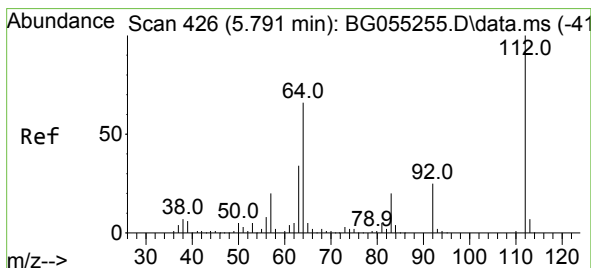
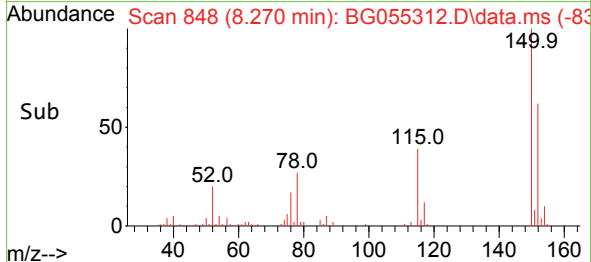
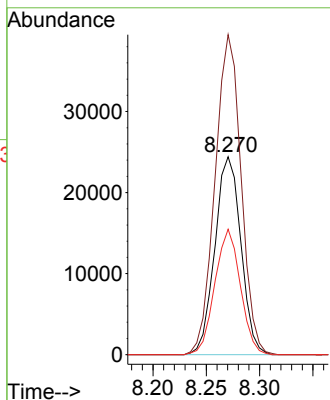
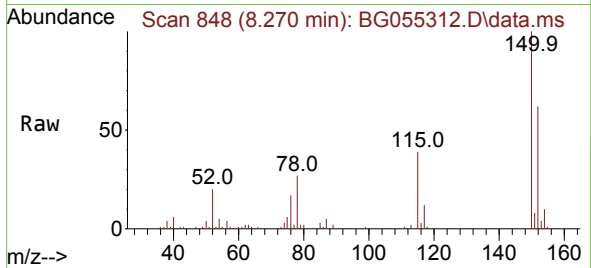




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

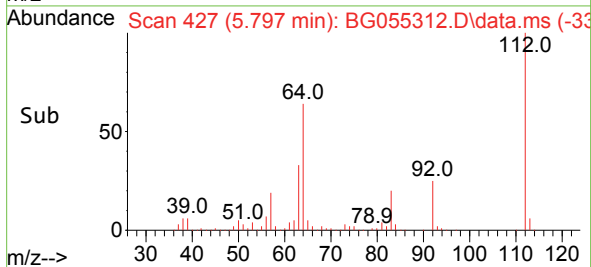
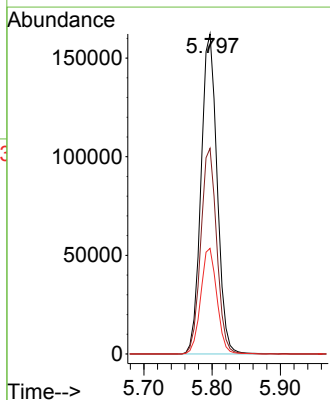
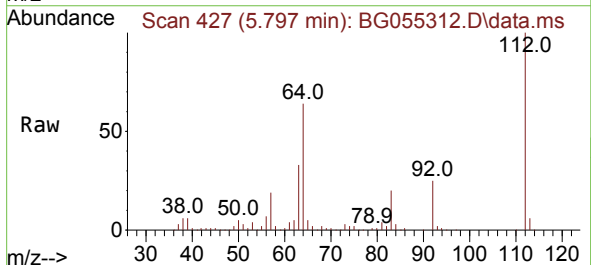
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

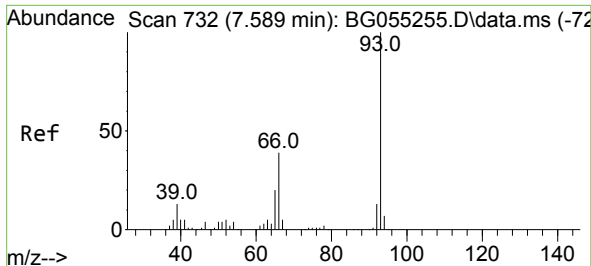
Tgt Ion:152 Resp: 41433
Ion Ratio Lower Upper
152 100
150 161.7 118.2 177.4
115 63.4 44.5 66.7



#5
2-Fluorophenol
Concen: 112.434 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:112 Resp: 266051
Ion Ratio Lower Upper
112 100
64 64.3 52.6 78.8
63 33.0 27.1 40.7

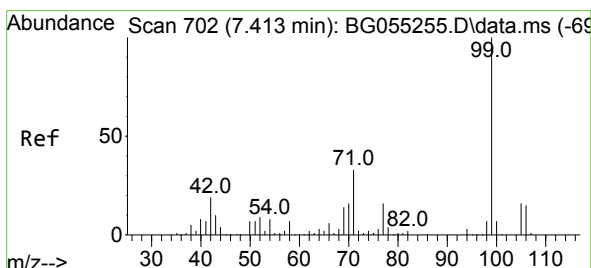
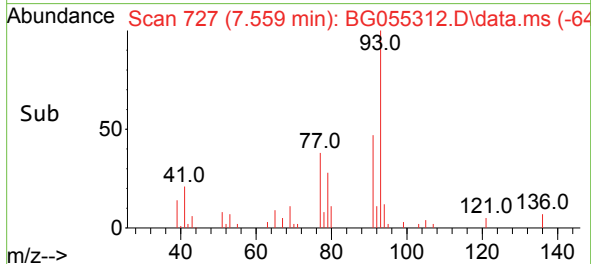
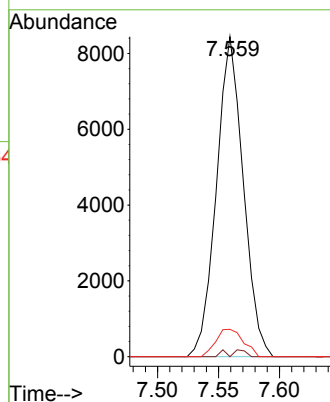
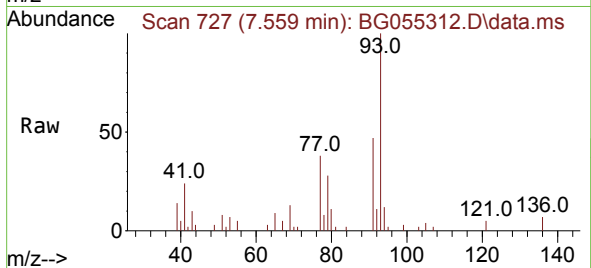




#6
Aniline
Concen: 2.875 ng
RT: 7.559 min Scan# 71
Delta R.T. -0.029 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

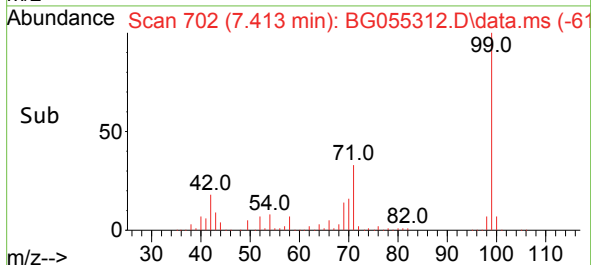
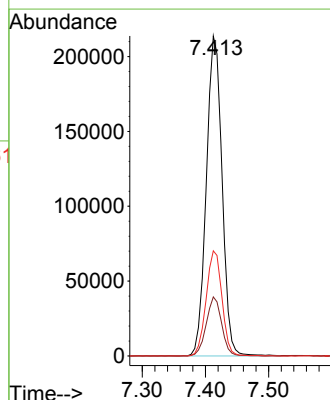
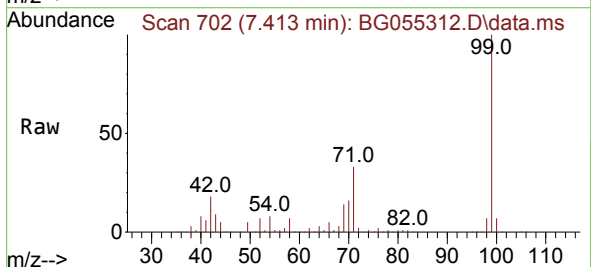
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

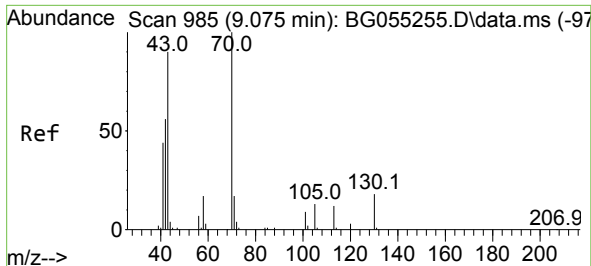
Tgt Ion: 93 Resp: 12902
Ion Ratio Lower Upper
93 100
66 0.0 31.6 47.4#
65 8.6 16.0 24.0#



#7
Phenol-d6
Concen: 107.932 ng
RT: 7.413 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

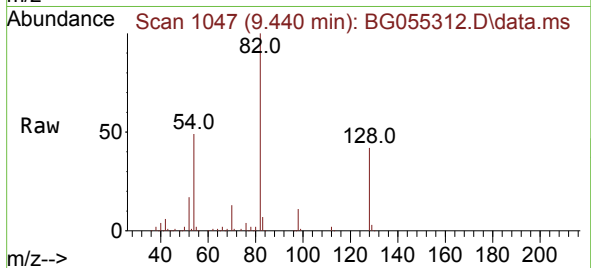
Tgt Ion: 99 Resp: 370013
Ion Ratio Lower Upper
99 100
42 18.4 15.2 22.8
71 32.9 26.2 39.4



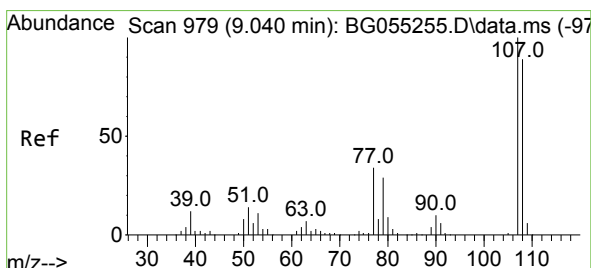
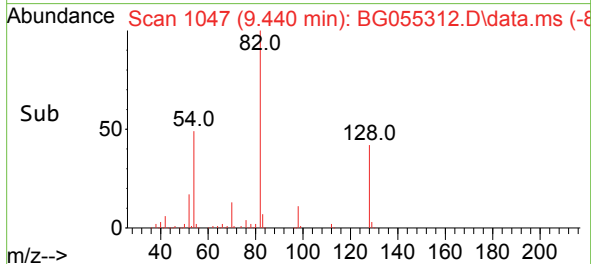
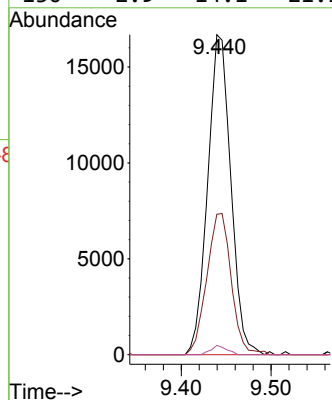


#19
n-Nitroso-di-n-propylamine
Concen: 10.497 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.364 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Instrument :
BNA_G
ClientSampleId :
WC-5-102122

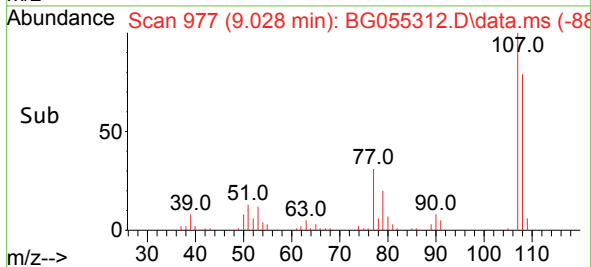
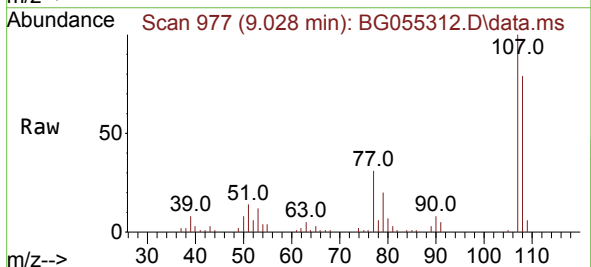
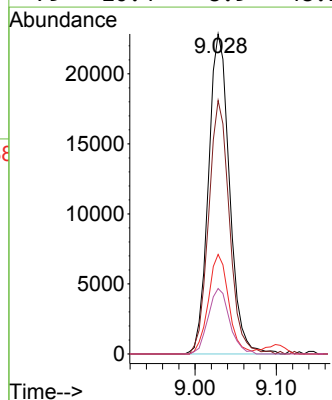


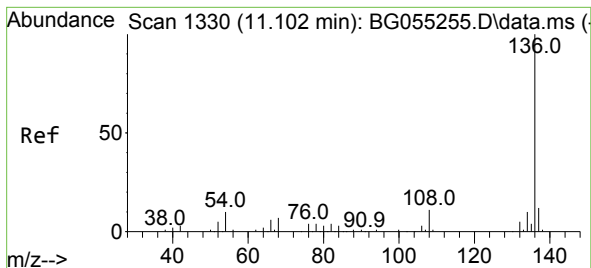
Tgt Ion: 70 Resp: 29882
Ion Ratio Lower Upper
70 100
42 43.9 45.8 68.6#
101 0.0 7.4 11.0#
130 2.9 14.1 21.1#



#20
3+4-Methylphenols
Concen: 10.572 ng
RT: 9.028 min Scan# 977
Delta R.T. -0.012 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion: 107 Resp: 41122
Ion Ratio Lower Upper
107 100
108 79.2 68.5 108.5
77 31.1 14.0 54.0
79 20.4 8.9 48.9

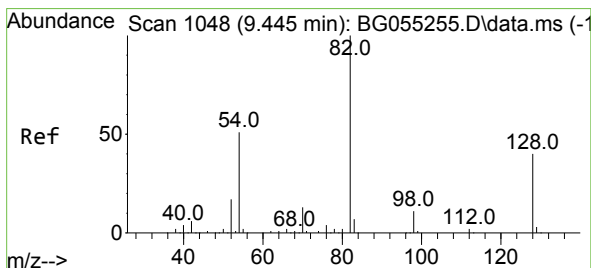
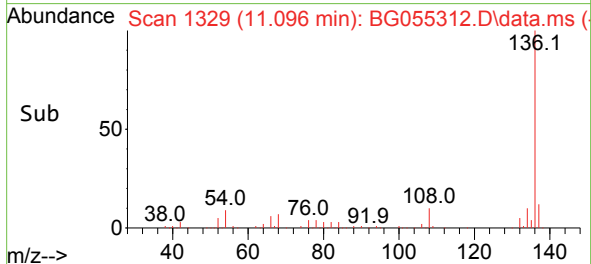
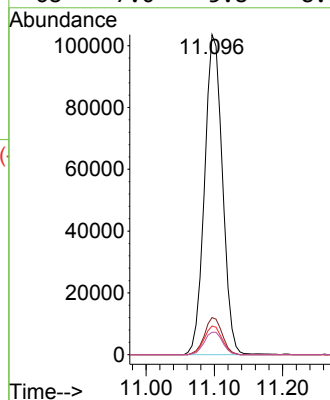
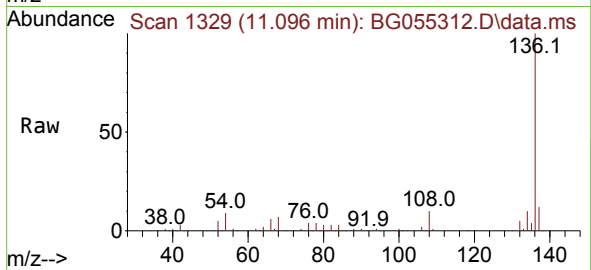




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.096 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

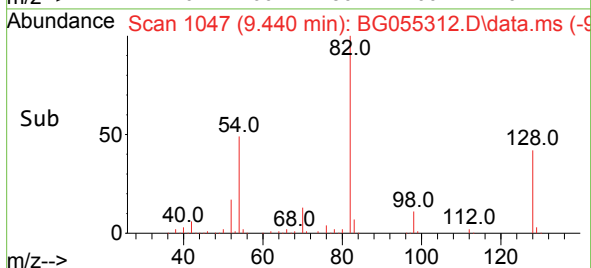
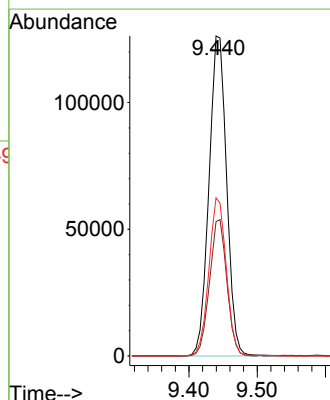
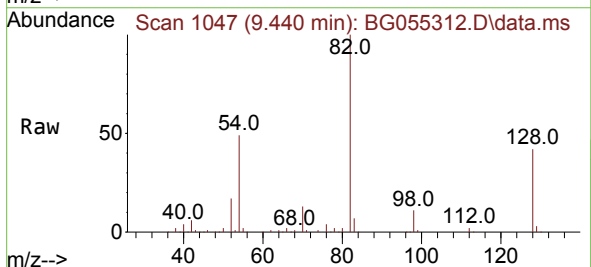
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

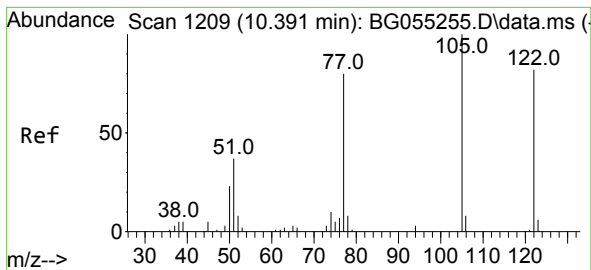
Tgt Ion:136 Resp: 188949
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.0 7.8 11.8
68 7.0 5.8 8.6



#23
Nitrobenzene-d5
Concen: 61.425 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion: 82 Resp: 227292
Ion Ratio Lower Upper
82 100
128 42.0 32.0 48.0
54 49.4 40.9 61.3

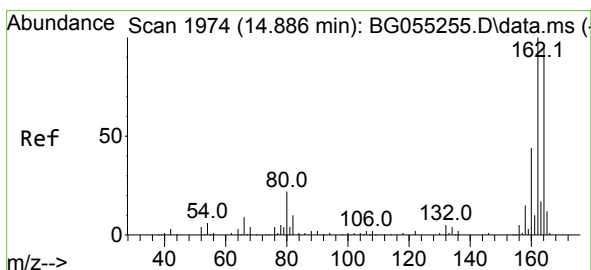
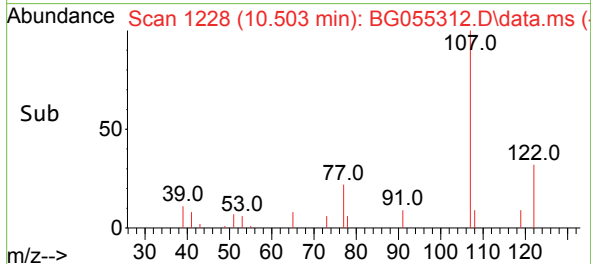
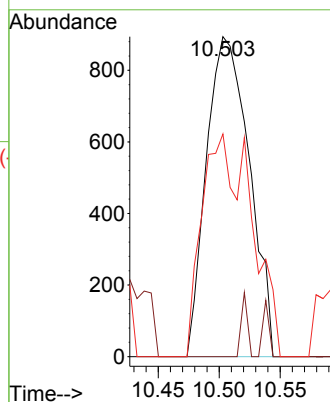
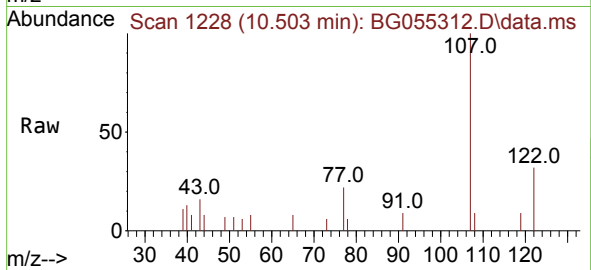




#32
Benzoic acid
Concen: 5.148 ng
RT: 10.503 min Scan# 11
Delta R.T. 0.112 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

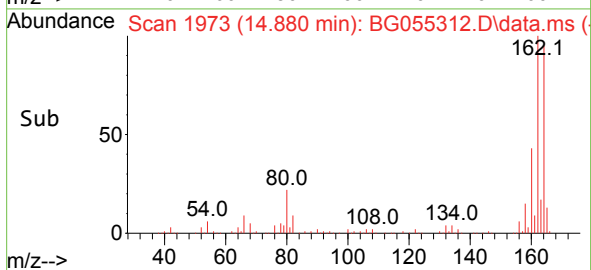
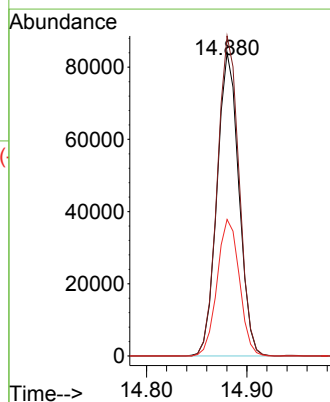
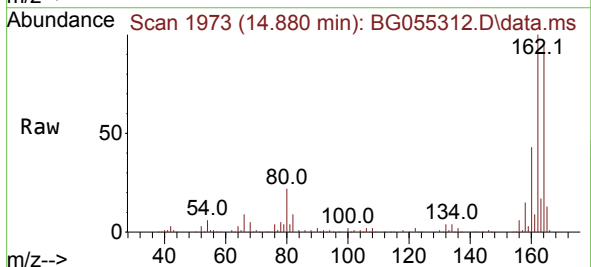
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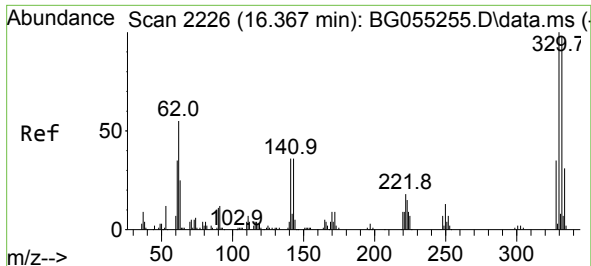
Tgt Ion:122 Resp: 2191
Ion Ratio Lower Upper
122 100
105 0.0 101.3 141.3#
77 69.6 76.9 116.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:164 Resp: 126703
Ion Ratio Lower Upper
164 100
162 105.5 84.0 126.0
160 45.0 36.7 55.1

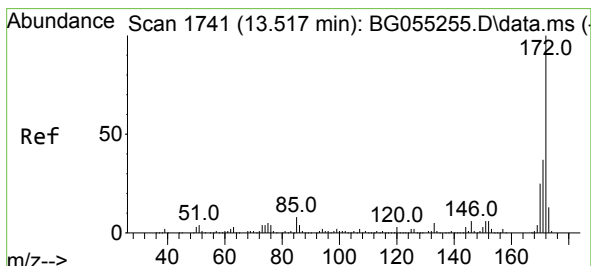
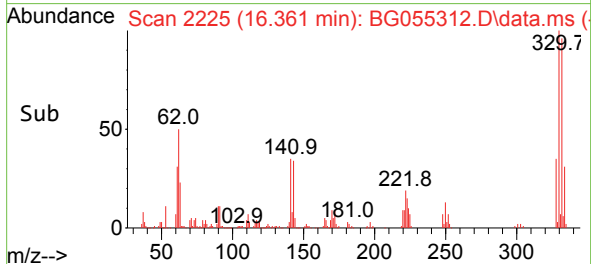
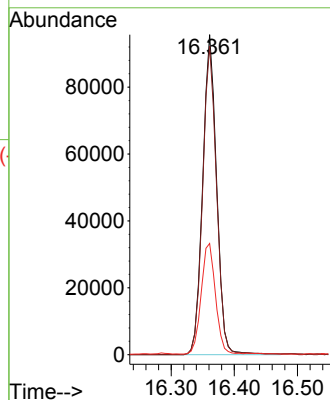
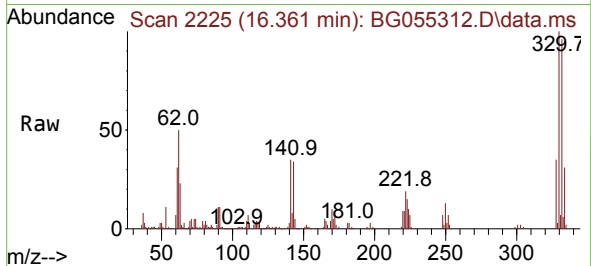




#42
2,4,6-Tribromophenol
Concen: 106.053 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

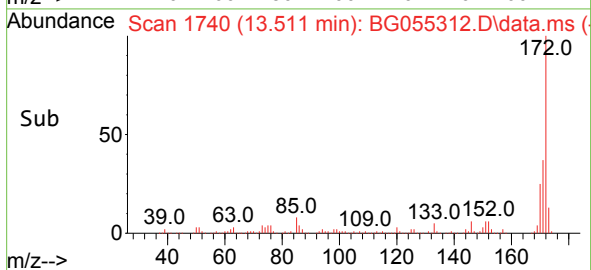
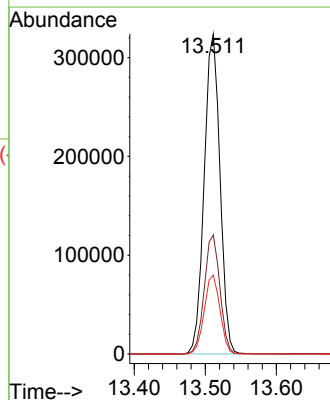
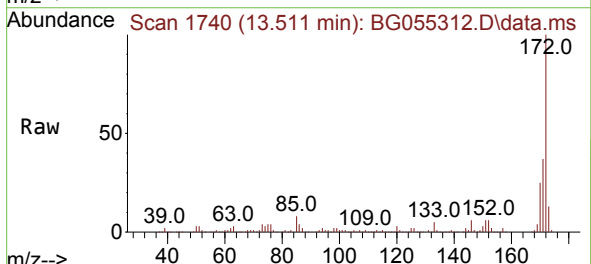
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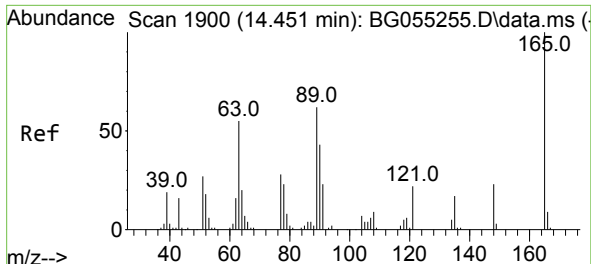
Tgt Ion:330 Resp: 146075
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 35.5 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 64.799 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:172 Resp: 501616
Ion Ratio Lower Upper
172 100
171 37.2 29.7 44.5
170 24.6 20.2 30.2

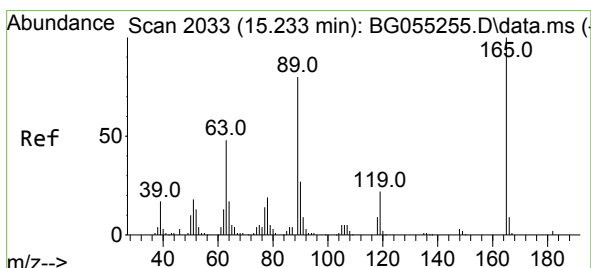
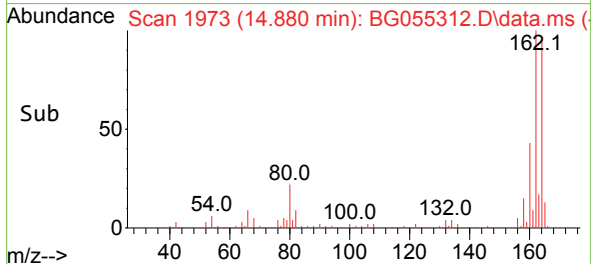
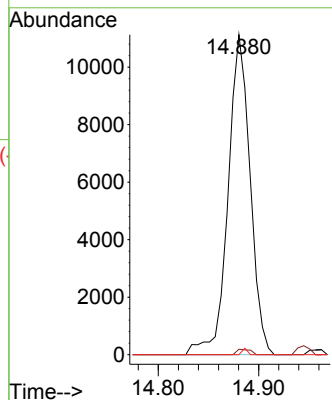
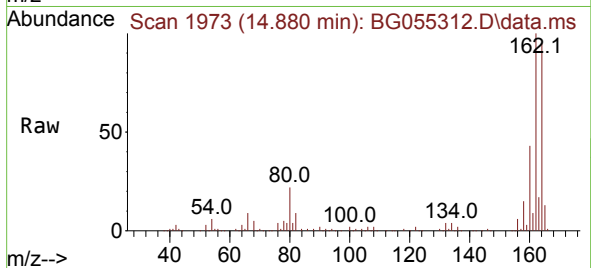




#51
2,6-Dinitrotoluene
Concen: 8.415 ng
RT: 14.880 min Scan# 1900
Delta R.T. 0.429 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

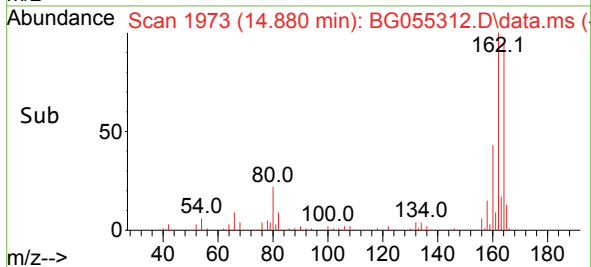
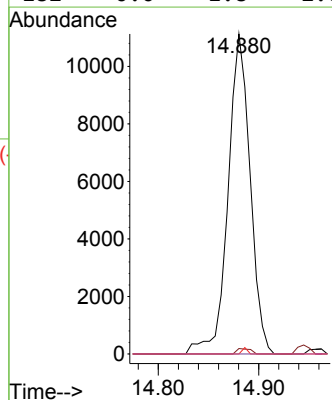
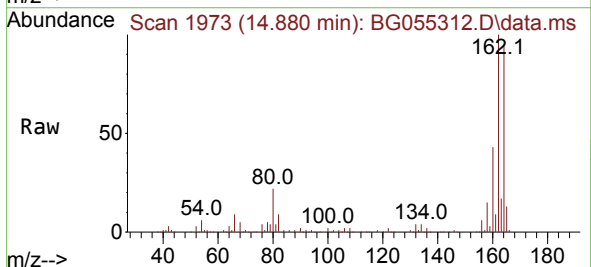
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

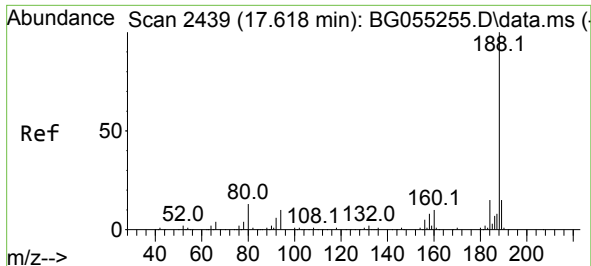
Tgt Ion:165 Resp: 17034
Ion Ratio Lower Upper
165 100
63 1.7 49.2 73.8#
89 0.0 49.9 74.9#



#57
2,4-Dinitrotoluene
Concen: 5.799 ng
RT: 14.880 min Scan# 1973
Delta R.T. -0.353 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:165 Resp: 17034
Ion Ratio Lower Upper
165 100
63 1.7 38.9 58.3#
89 0.0 64.2 96.4#
182 0.0 1.8 2.6#

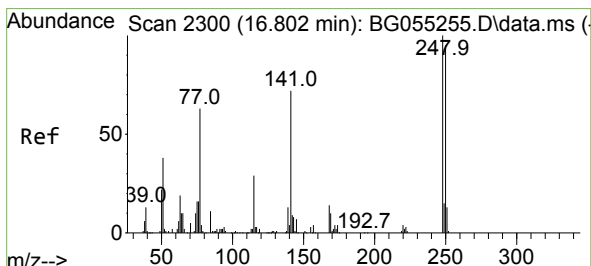
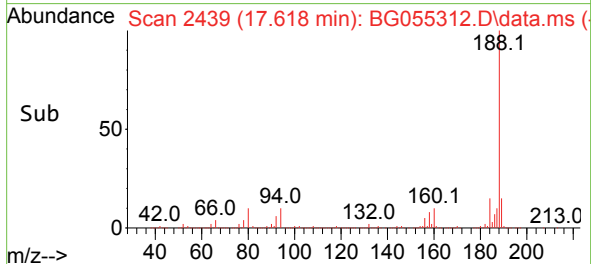
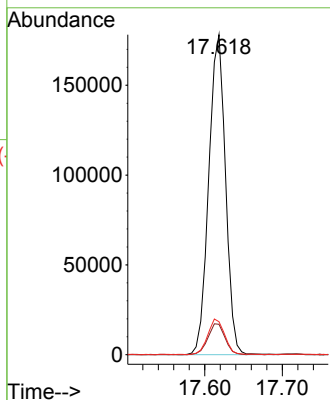
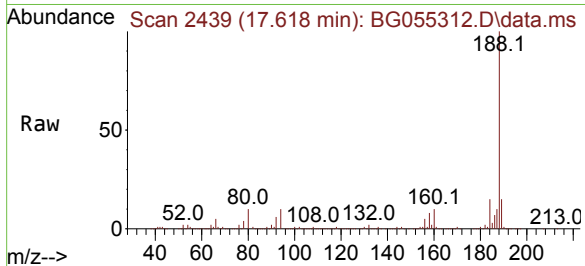




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

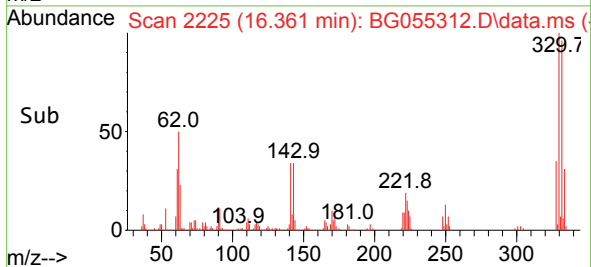
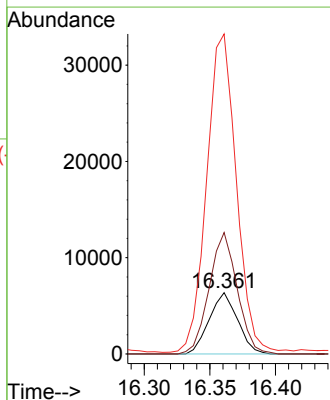
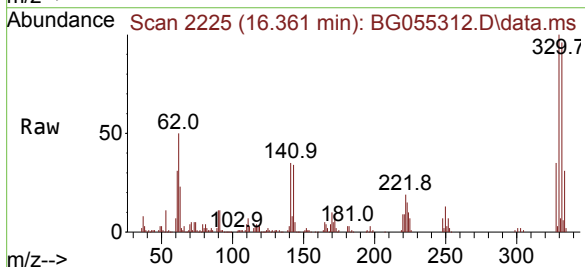
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

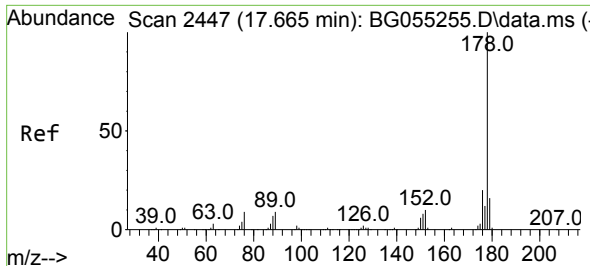
Tgt Ion:188 Resp: 267165
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.4
80 10.3 10.1 15.1



#67
4-Bromophenyl-phenylether
Concen: 3.685 ng
RT: 16.361 min Scan# 2225
Delta R.T. -0.441 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:248 Resp: 9564
Ion Ratio Lower Upper
248 100
250 198.4 76.0 114.0#
141 522.6 58.0 87.0#

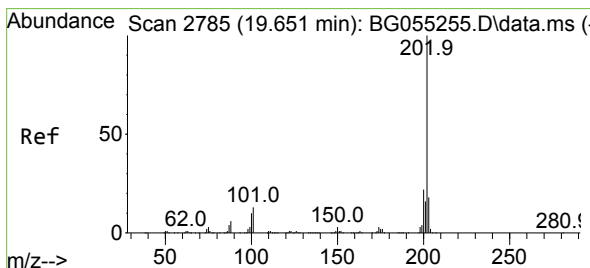
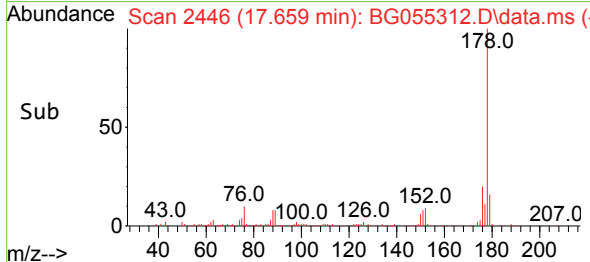
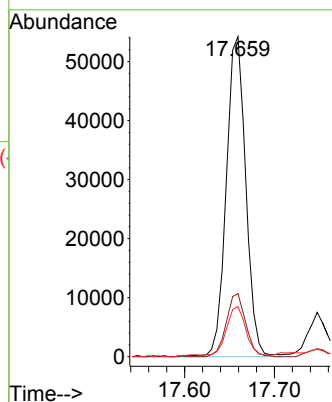
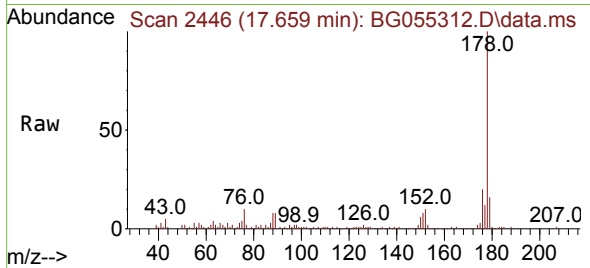




#71
Phenanthrene
Concen: 5.740 ng
RT: 17.659 min Scan# 2446
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

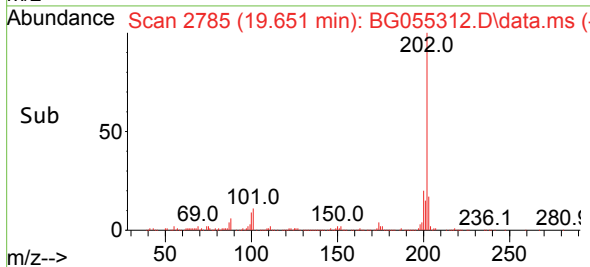
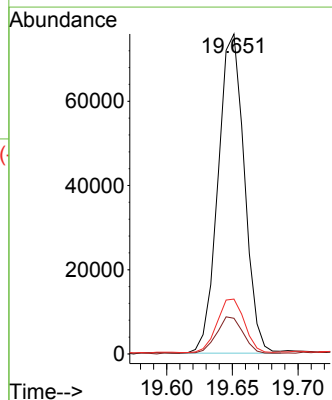
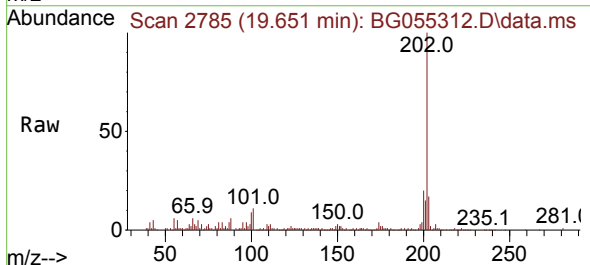
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

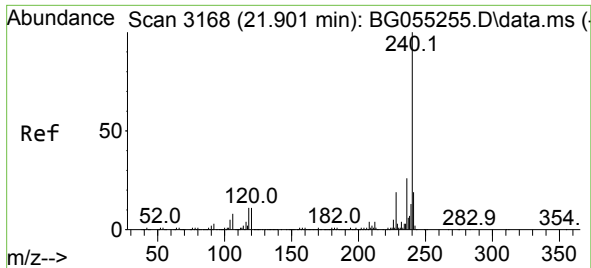
Tgt Ion:178 Resp: 81787
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.7 12.6 19.0



#75
Fluoranthene
Concen: 6.368 ng
RT: 19.651 min Scan# 2785
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:202 Resp: 105725
Ion Ratio Lower Upper
202 100
101 11.2 0.0 32.6
203 17.2 0.0 38.3

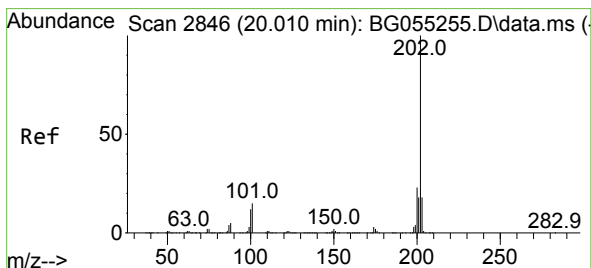
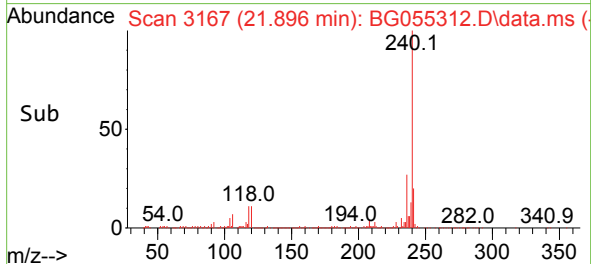
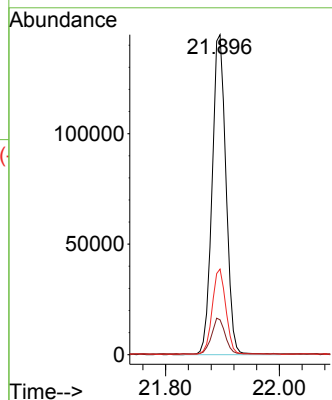
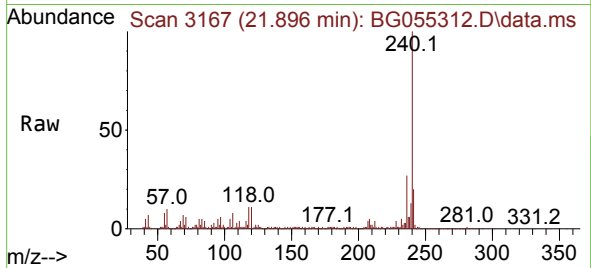




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.896 min Scan# 3168
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

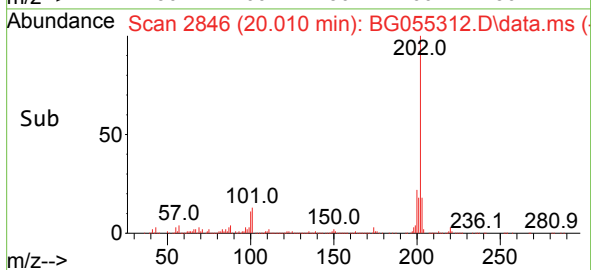
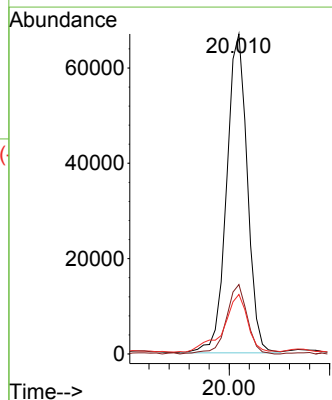
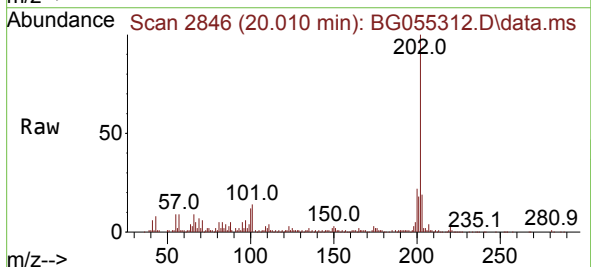
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

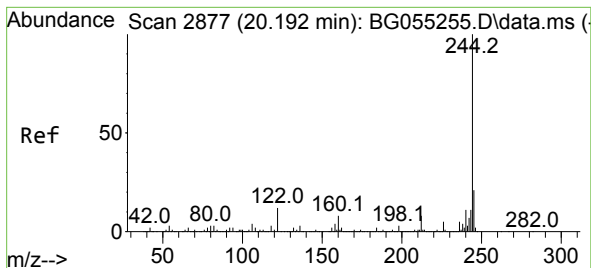
Tgt Ion:240 Resp: 243988
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 26.8 21.0 31.4



#78
Pyrene
Concen: 5.729 ng
RT: 20.010 min Scan# 2846
Delta R.T. -0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:202 Resp: 95819
Ion Ratio Lower Upper
202 100
200 21.7 18.0 27.0
203 18.6 14.3 21.5





#79

Terphenyl-d14

Concen: 61.444 ng

RT: 20.192 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG055312.D

Acq: 27 Oct 2022 00:07

Instrument :

BNA_G

ClientSampleId :

WC-5-102122

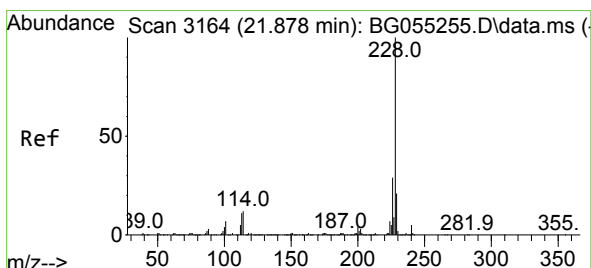
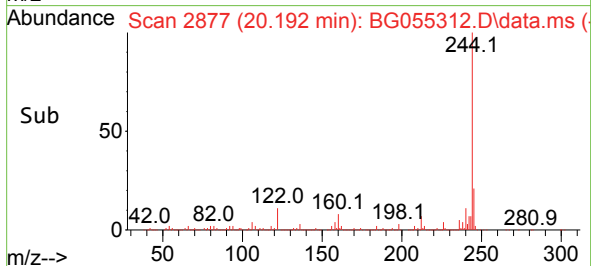
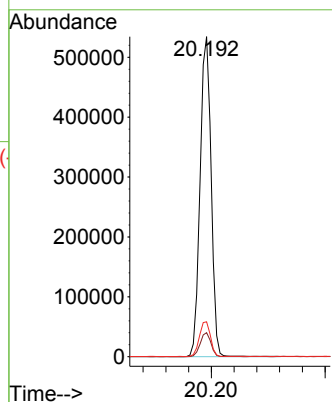
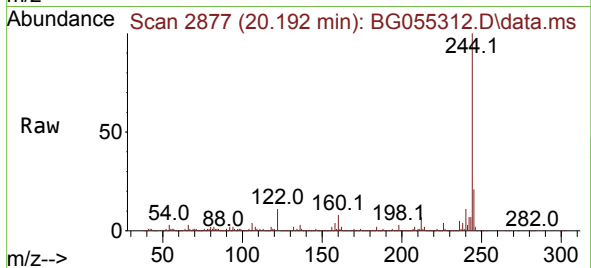
Tgt Ion:244 Resp: 721554

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 10.9 9.6 14.4



#81

Benzo(a)anthracene

Concen: 2.719 ng

RT: 21.872 min Scan# 3163

Delta R.T. -0.006 min

Lab File: BG055312.D

Acq: 27 Oct 2022 00:07

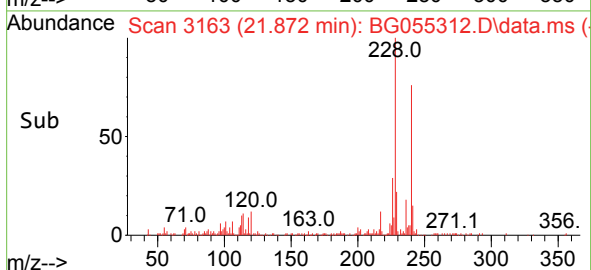
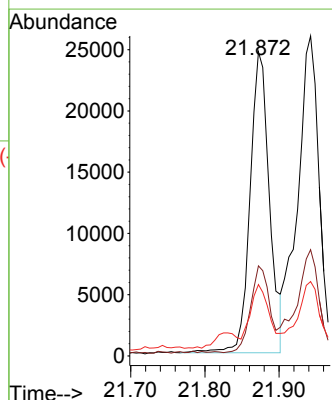
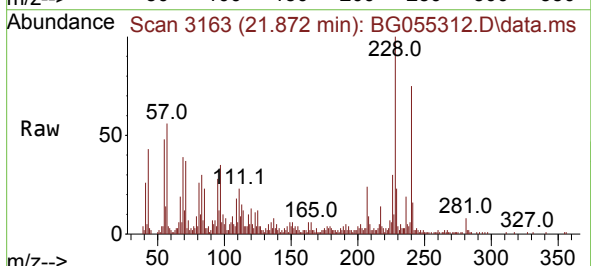
Tgt Ion:228 Resp: 44553

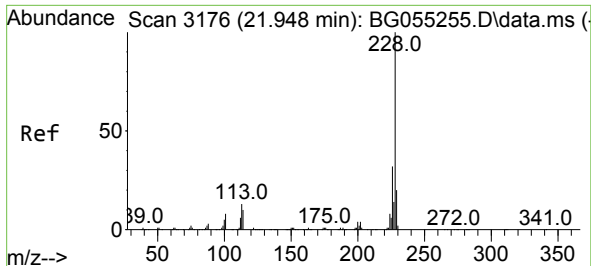
Ion Ratio Lower Upper

228 100

226 29.6 22.9 34.3

229 23.4 16.7 25.1

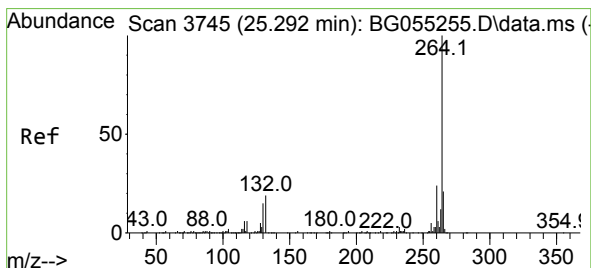
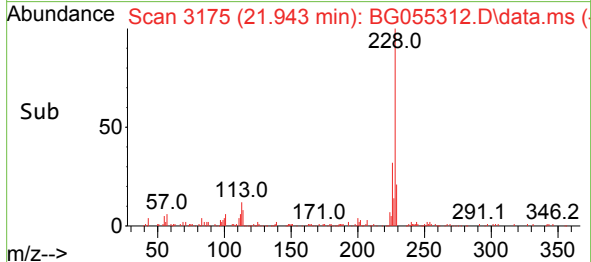
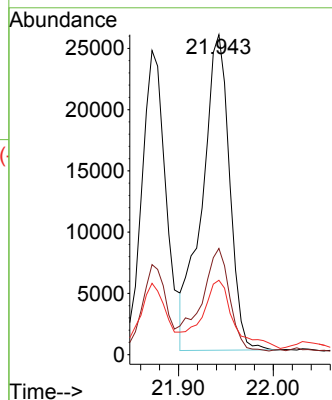
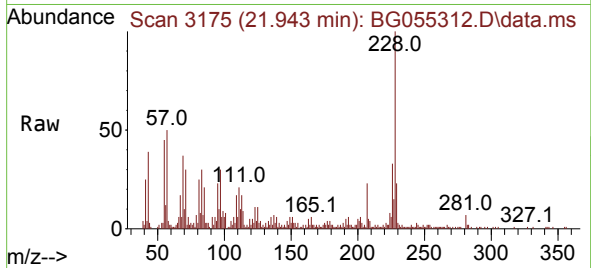




#83
Chrysene
Concen: 3.327 ng
RT: 21.943 min Scan# 3175
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

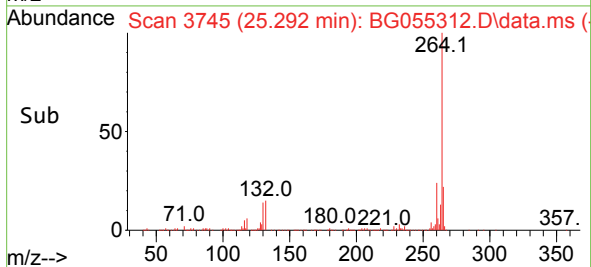
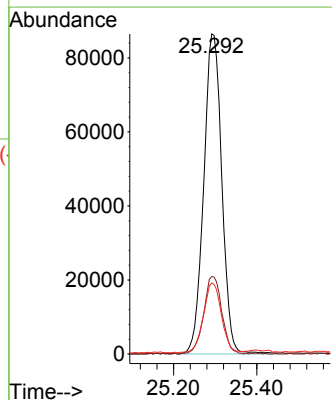
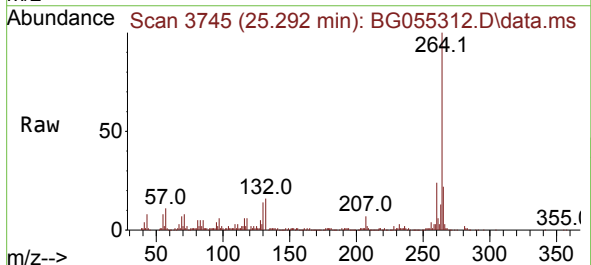
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

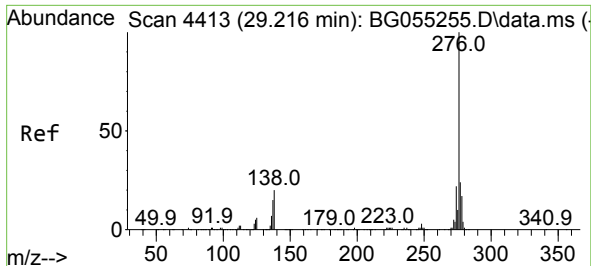
Tgt Ion:228 Resp: 51780
Ion Ratio Lower Upper
228 100
226 33.2 25.8 38.8
229 23.2 16.3 24.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.292 min Scan# 3745
Delta R.T. 0.000 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:264 Resp: 261649
Ion Ratio Lower Upper
264 100
260 24.2 19.5 29.3
265 22.2 17.4 26.2

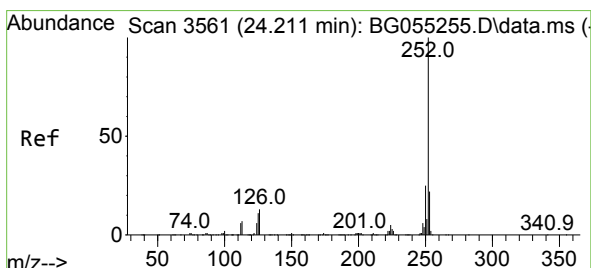
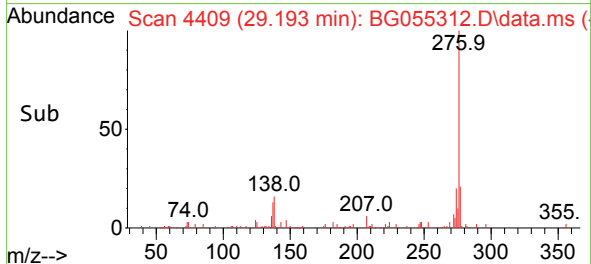
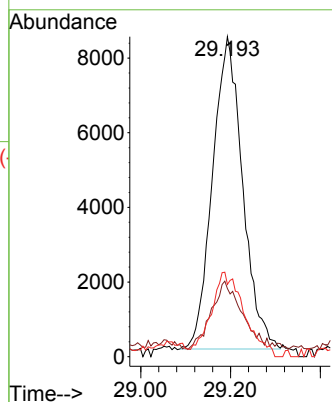
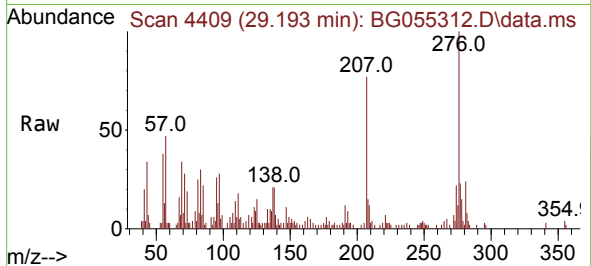




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.014 ng
 RT: 29.193 min Scan# 4413
 Delta R.T. -0.023 min
 Lab File: BG055312.D
 Acq: 27 Oct 2022 00:07

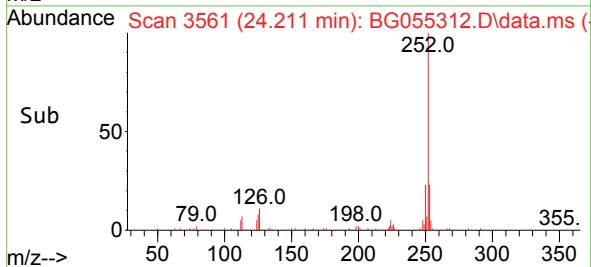
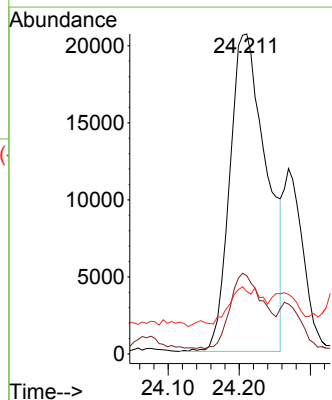
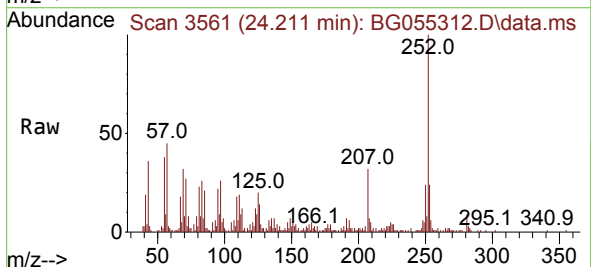
Instrument :
 BNA_G
 ClientSampleId :
 WC-5-102122

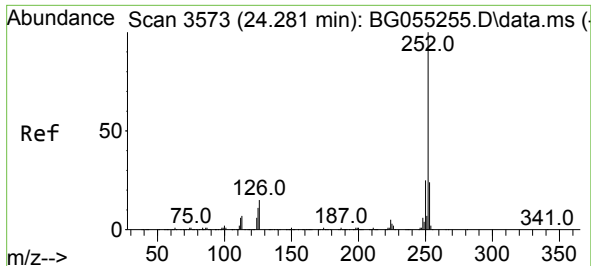
Tgt Ion:276 Resp: 38916
 Ion Ratio Lower Upper
 276 100
 138 22.2 13.9 20.9#
 277 30.0 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 4.713 ng
 RT: 24.211 min Scan# 3561
 Delta R.T. 0.000 min
 Lab File: BG055312.D
 Acq: 27 Oct 2022 00:07

Tgt Ion:252 Resp: 74173
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.6 26.4
 125 19.5 9.0 13.4#

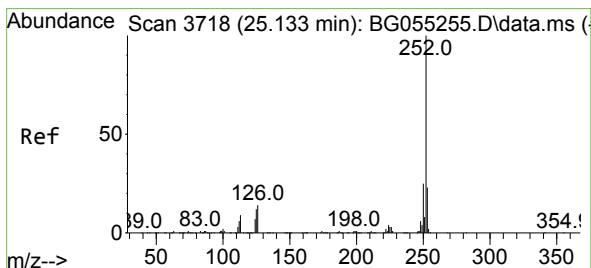
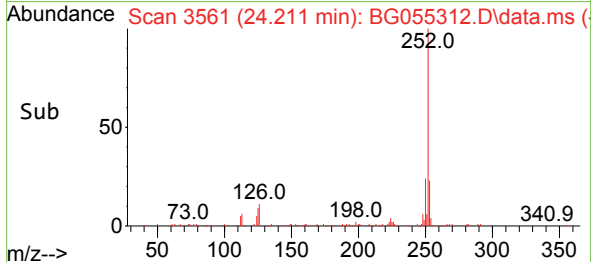
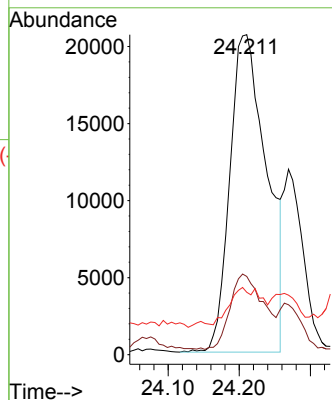
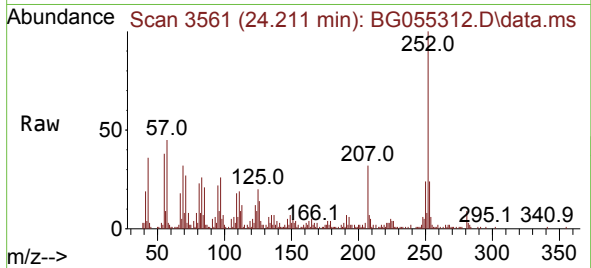




#89
Benzo(k)fluoranthene
Concen: 4.667 ng
RT: 24.211 min Scan# 31
Delta R.T. -0.071 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

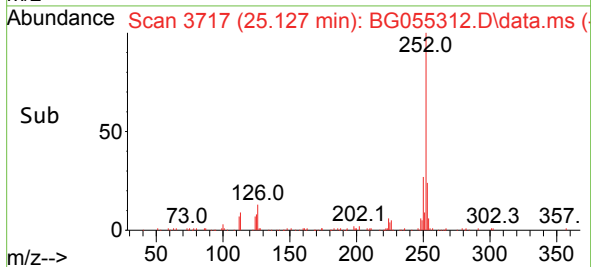
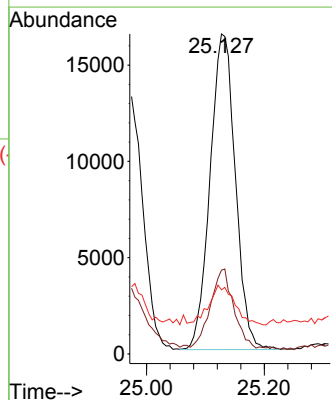
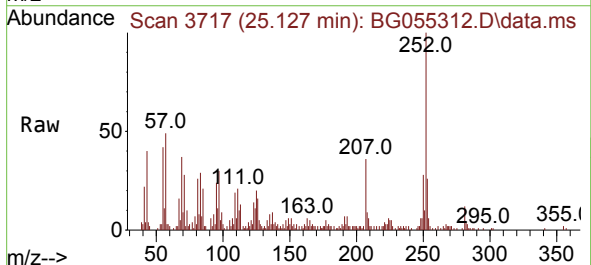
Instrument :
BNA_G
ClientSampleId :
WC-5-102122

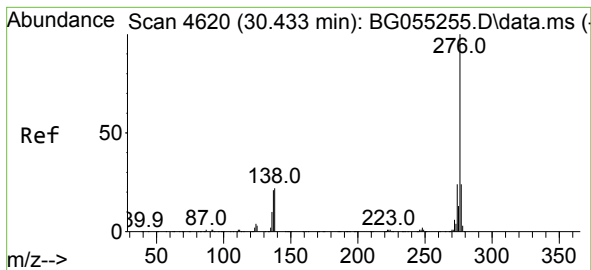
Tgt Ion:252 Resp: 74173
Ion Ratio Lower Upper
252 100
253 24.5 18.6 27.8
125 19.5 9.1 13.7#



#90
Benzo(a)pyrene
Concen: 3.621 ng
RT: 25.127 min Scan# 3717
Delta R.T. -0.006 min
Lab File: BG055312.D
Acq: 27 Oct 2022 00:07

Tgt Ion:252 Resp: 48871
Ion Ratio Lower Upper
252 100
253 26.2 18.2 27.2
125 20.1 9.8 14.8#





#92

Benzo(g,h,i)perylene

Concen: 2.612 ng

RT: 30.427 min Scan# 4

Delta R.T. -0.006 min

Lab File: BG055312.D

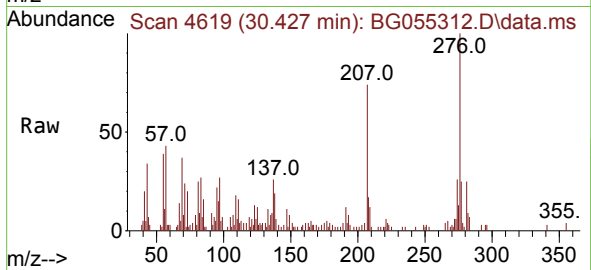
Acq: 27 Oct 2022 00:07

Instrument :

BNA_G

ClientSampleId :

WC-5-102122



Tgt Ion:276 Resp: 41094

Ion Ratio Lower Upper

276 100

277 25.1 19.1 28.7

138 19.1 17.2 25.8

