

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056418.D
 Acq On : 25 Jan 2023 1:18
 Operator : CG/JU
 Sample : 01253-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-012023

Quant Time: Jan 25 05:37:15 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

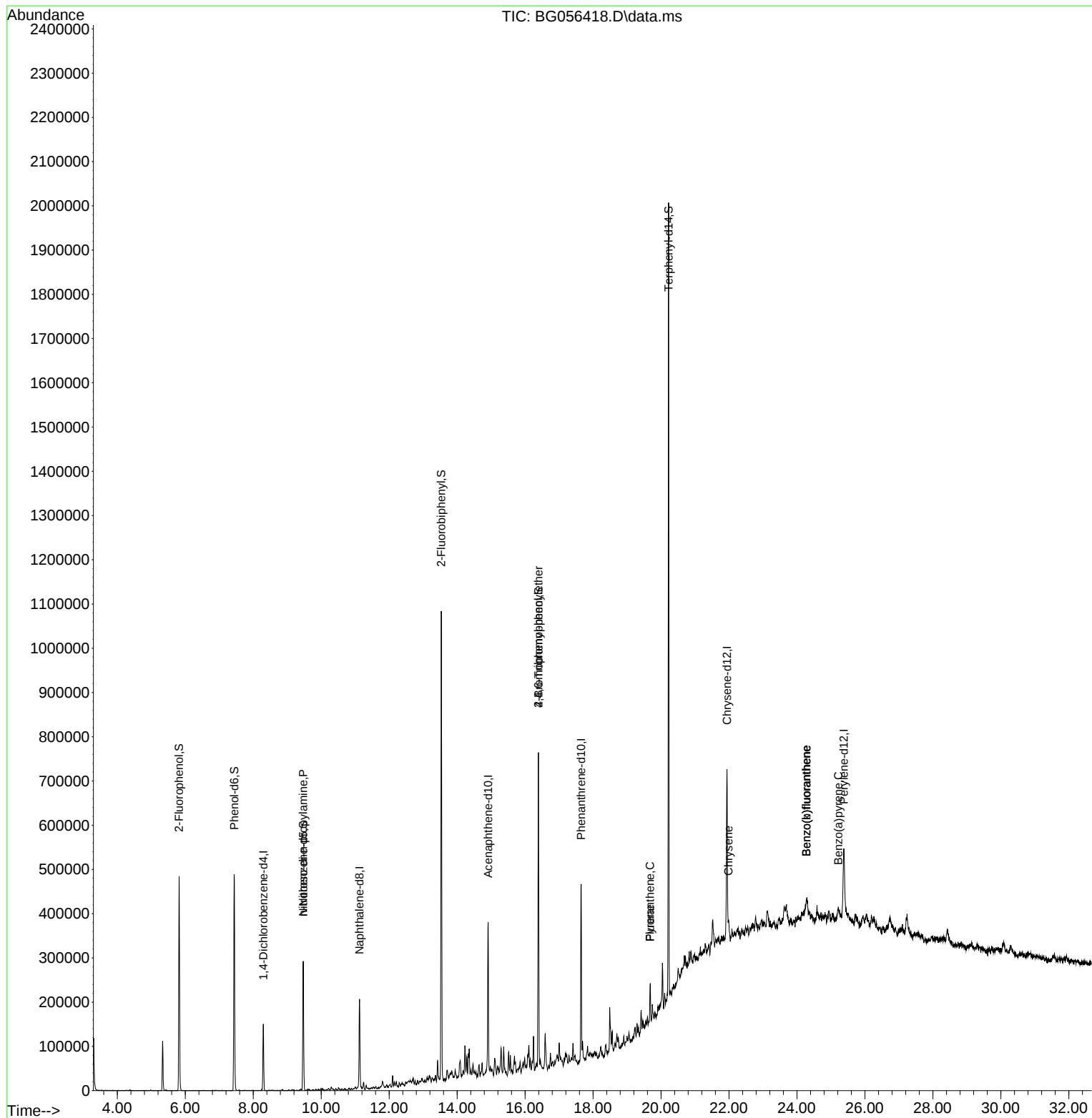
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.297	152	50507	20.000	ng	0.00
21) Naphthalene-d8	11.129	136	188542	20.000	ng	0.00
39) Acenaphthene-d10	14.913	164	128958	20.000	ng	0.00
64) Phenanthrene-d10	17.651	188	285598	20.000	ng	0.00
76) Chrysene-d12	21.940	240	266033	20.000	ng	# 0.00
86) Perylene-d12	25.377	264	212960	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	294458	104.095	ng	0.00
7) Phenol-d6	7.439	99	397331	91.464	ng	0.00
23) Nitrobenzene-d5	9.472	82	211383	57.348	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	154457	94.571	ng	0.00
45) 2-Fluorobiphenyl	13.532	172	634314	67.923	ng	0.00
79) Terphenyl-d14	20.224	244	984863	66.305	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.472	70	26127	9.891	ng	# 72
67) 4-Bromophenyl-phenylether	16.393	248	12111	3.330	ng	# 1
75) Fluoranthene	19.678	202	61188	3.169	ng	95
78) Pyrene	19.678	202	61783	3.295	ng	97
83) Chrysene	21.987	228	41382	2.364	ng	# 79
88) Benzo(b)fluoranthene	24.278	252	49051	3.625	ng	# 9
89) Benzo(k)fluoranthene	24.278	252	49051	3.640	ng	# 11
90) Benzo(a)pyrene	25.218	252	26570	2.013	ng	# 66

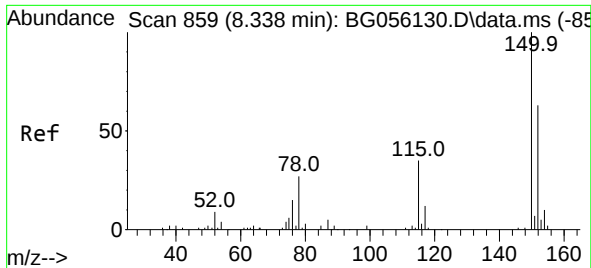
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

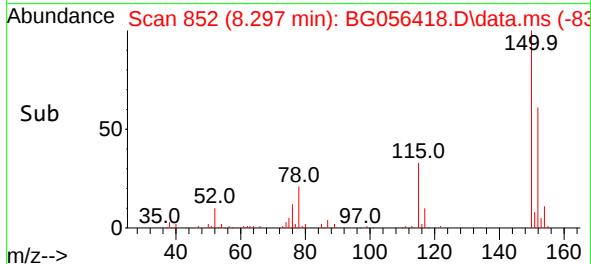
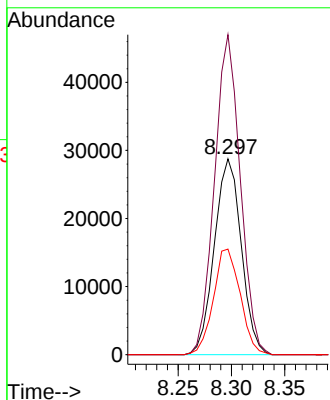
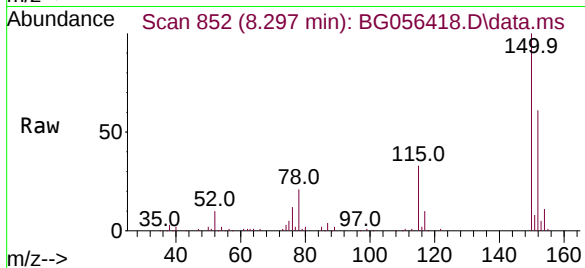




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.297 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

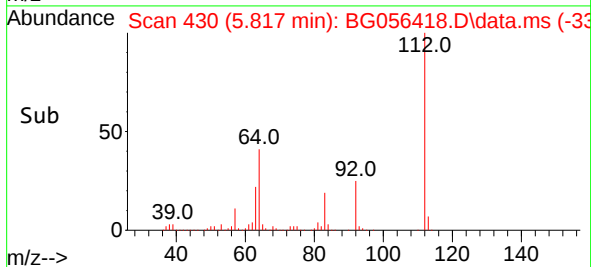
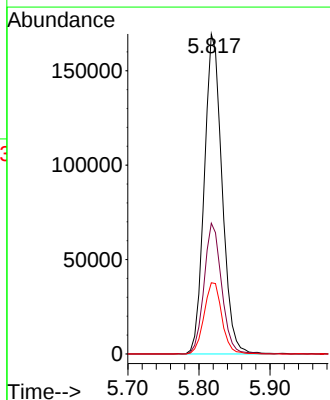
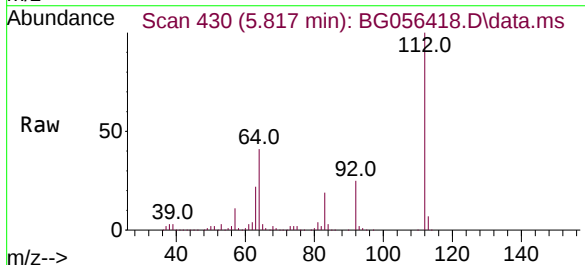
Instrument :
BNA_G
ClientSampleId :
SU-04-012023

Tgt Ion:152 Resp: 50507
Ion Ratio Lower Upper
152 100
150 163.4 127.9 191.9
115 53.9 44.2 66.2



#5
2-Fluorophenol
Concen: 104.095 ng
RT: 5.817 min Scan# 430
Delta R.T. 0.004 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:112 Resp: 294458
Ion Ratio Lower Upper
112 100
64 40.9 33.3 49.9
63 22.2 19.0 28.4

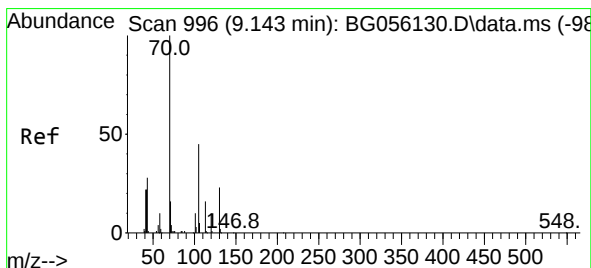
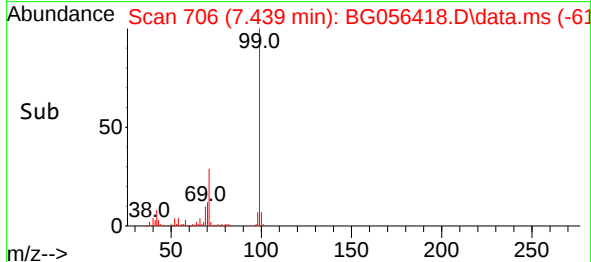
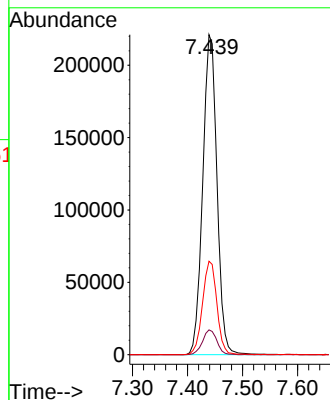
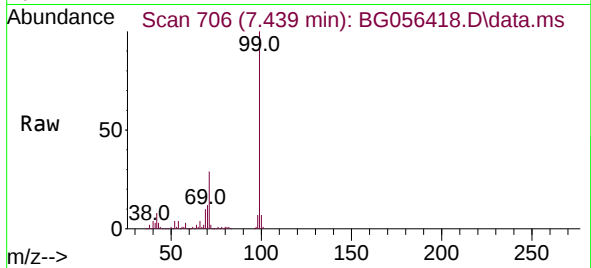




#7
Phenol-d6
Concen: 91.464 ng
RT: 7.439 min Scan# 70
Delta R.T. 0.004 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

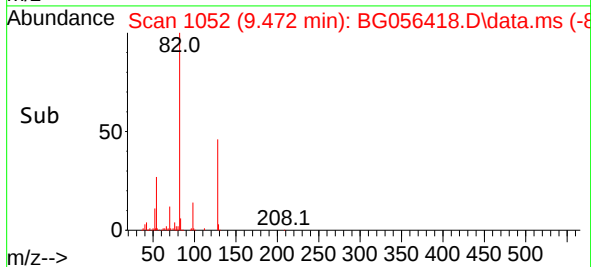
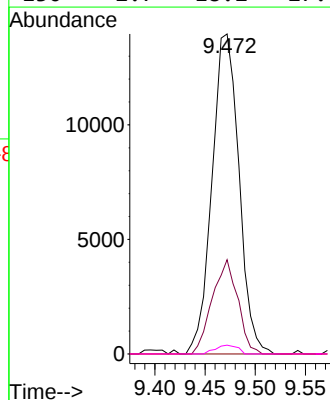
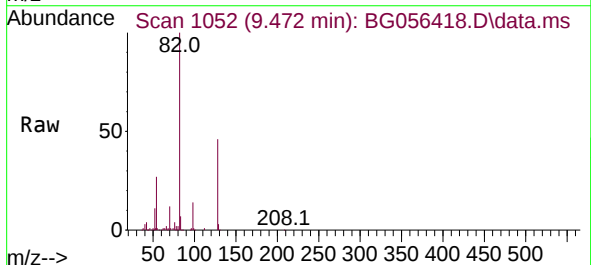
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BNA_G
ClientSampleId :
SU-04-012023

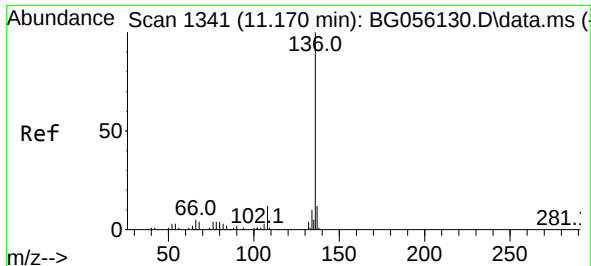
Tgt Ion: 99 Resp: 397331
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 9.891 ng
RT: 9.472 min Scan# 1052
Delta R.T. 0.374 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion: 70 Resp: 26127
Ion Ratio Lower Upper
70 100
42 29.5 18.2 27.2#
101 0.0 8.3 12.5#
130 2.7 18.2 27.4#

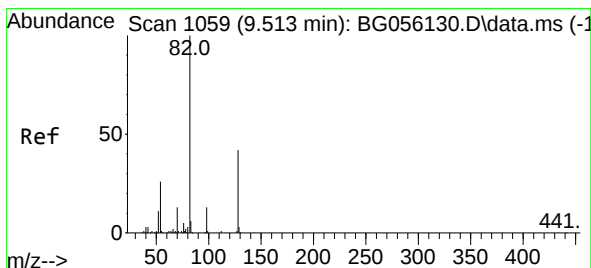
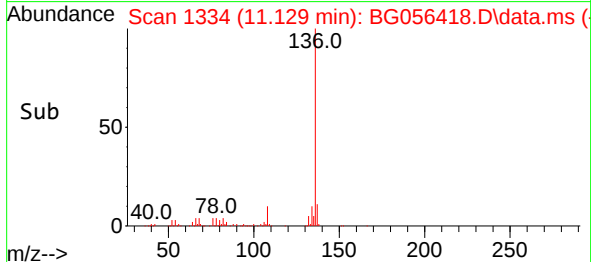
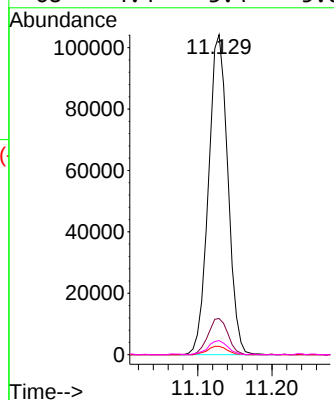
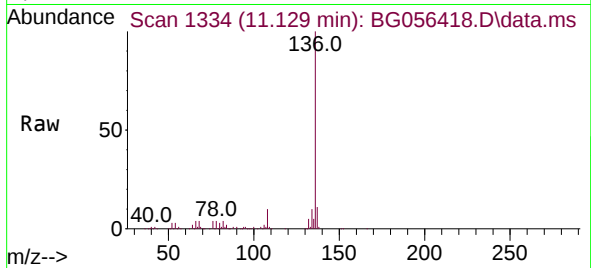




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.129 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

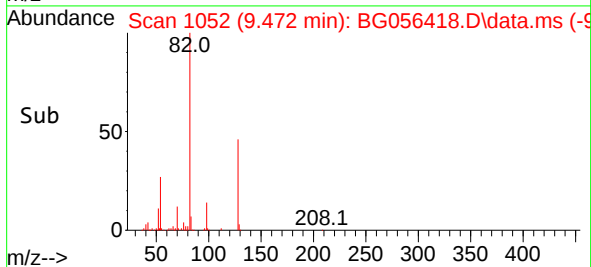
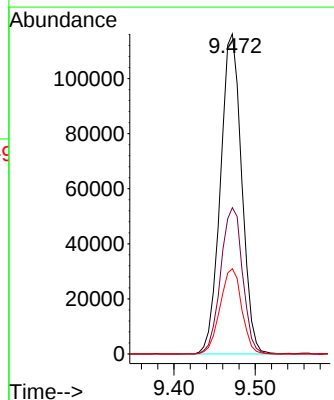
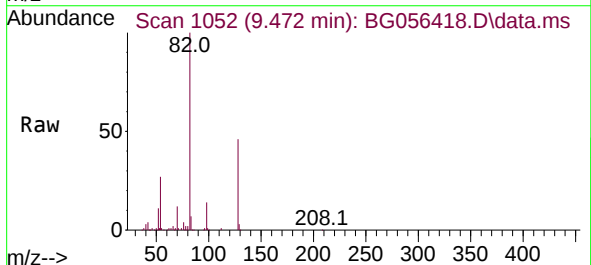
Instrument :
BNA_G
ClientSampleId :
SU-04-012023

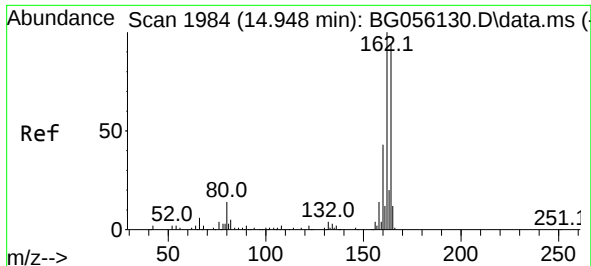
Tgt Ion:136 Resp: 188542
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.6 2.2 3.2
68 4.4 3.4 5.0



#23
Nitrobenzene-d5
Concen: 57.348 ng
RT: 9.472 min Scan# 1052
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion: 82 Resp: 211383
Ion Ratio Lower Upper
82 100
128 45.7 33.4 50.2
54 26.7 20.3 30.5

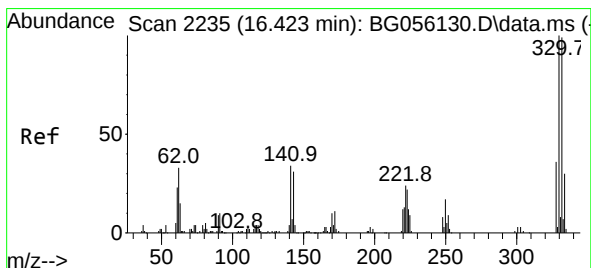
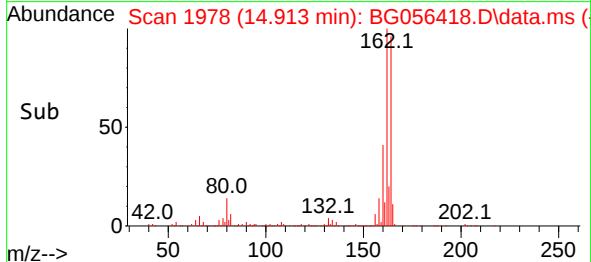
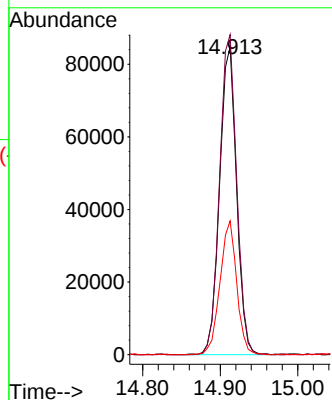
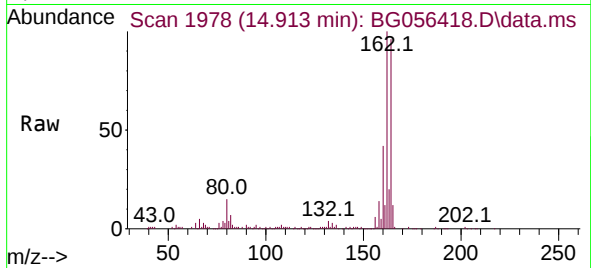




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.913 min Scan# 1984
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

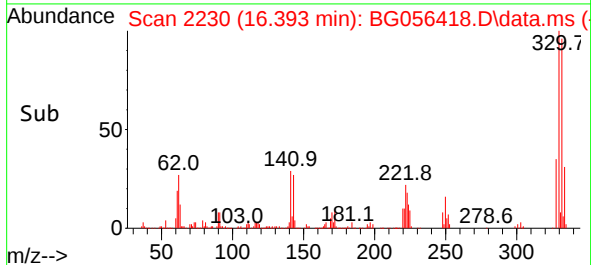
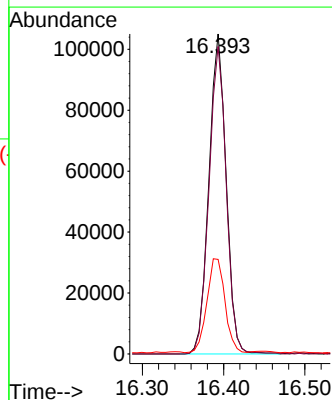
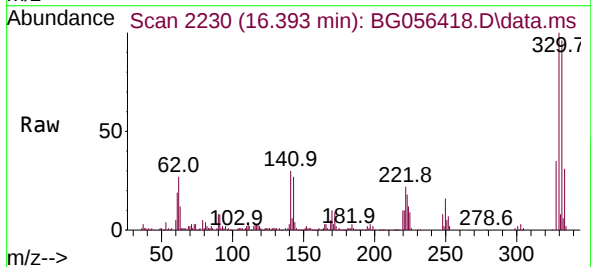
Instrument :
BNA_G
ClientSampleId :
SU-04-012023

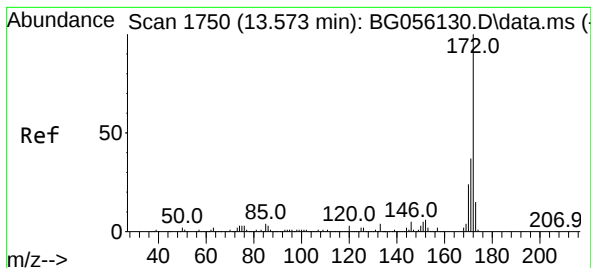
Tgt Ion:164 Resp: 128958
Ion Ratio Lower Upper
164 100
162 103.9 84.7 127.1
160 43.4 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 94.571 ng
RT: 16.393 min Scan# 2230
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:330 Resp: 154457
Ion Ratio Lower Upper
330 100
332 96.5 77.3 115.9
141 30.7 27.9 41.9

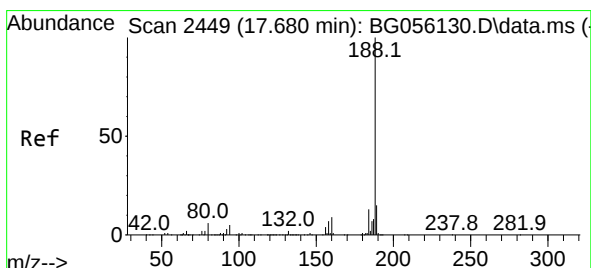
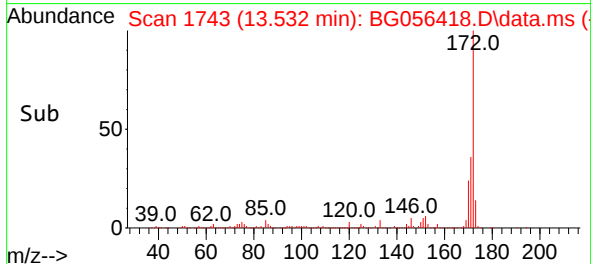
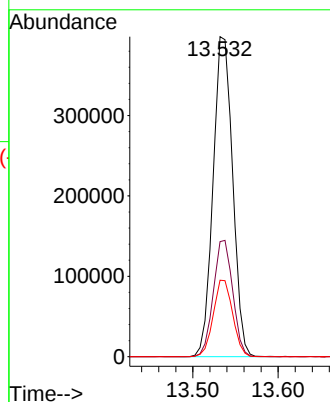
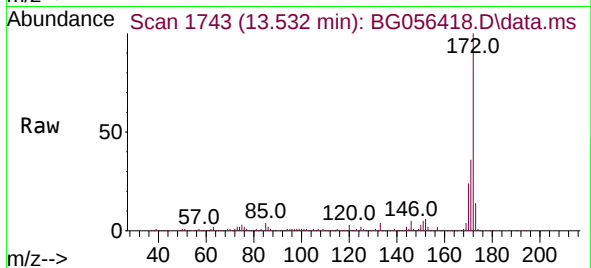




#45
2-Fluorobiphenyl
Concen: 67.923 ng
RT: 13.532 min Scan# 1
Delta R.T. -0.008 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

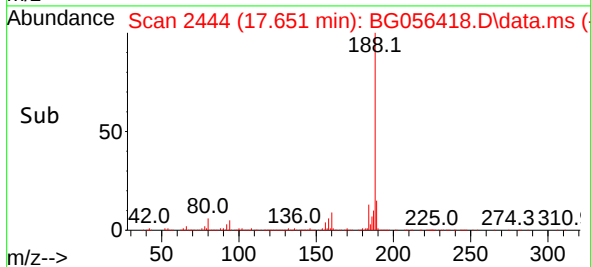
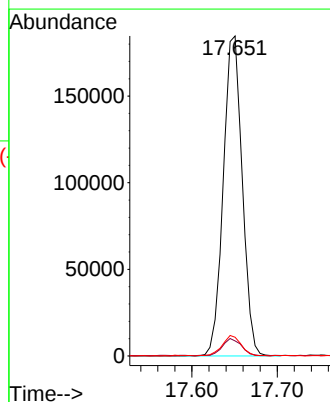
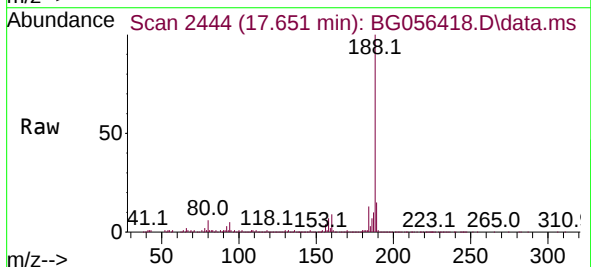
Instrument :
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ClientSampleId :
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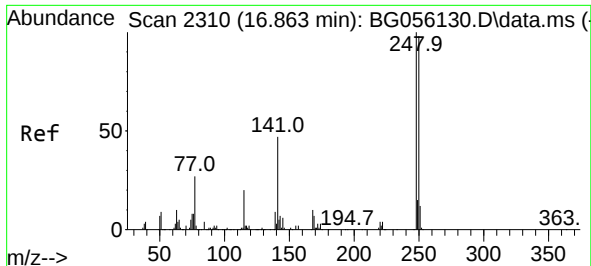
Tgt Ion:172	Resp:	634314
Ion Ratio	Lower	Upper
172	100	
171	35.9	29.6 44.4
170	23.9	19.4 29.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.651 min Scan# 2444
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:188	Resp:	285598
Ion Ratio	Lower	Upper
188	100	
94	4.7	4.2 6.2
80	5.9	5.0 7.4

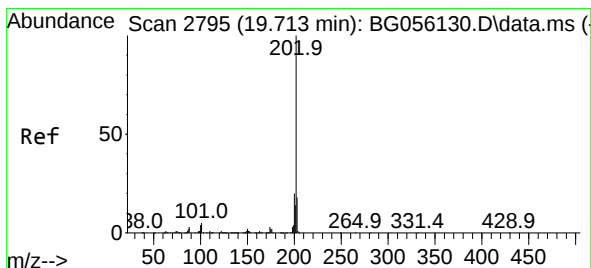
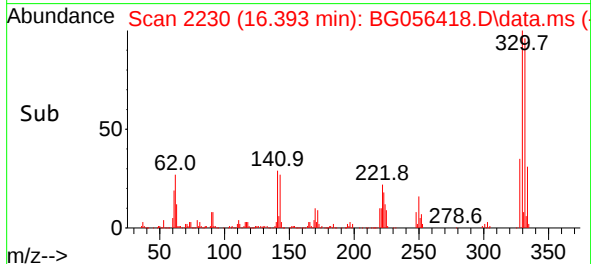
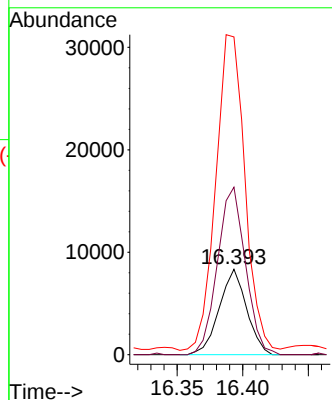
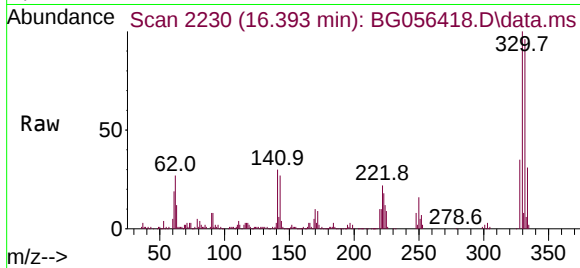




#67
4-Bromophenyl-phenylether
Concen: 3.330 ng
RT: 16.393 min Scan# 211
Delta R.T. -0.437 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

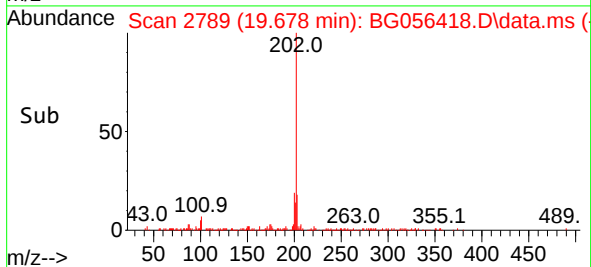
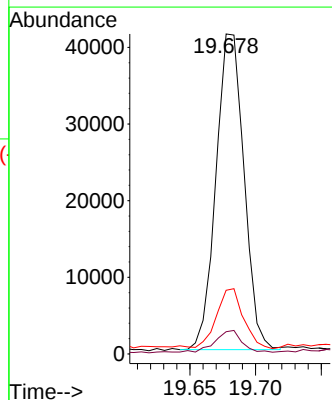
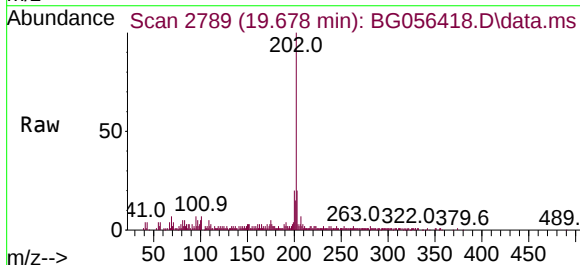
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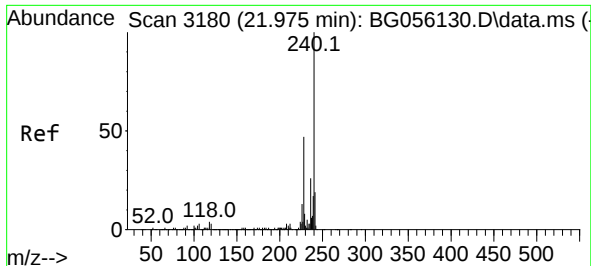
Tgt Ion:248 Resp: 12111
Ion Ratio Lower Upper
248 100
250 196.1 78.2 117.4#
141 372.2 37.6 56.4#



#75
Fluoranthene
Concen: 3.169 ng
RT: 19.678 min Scan# 2789
Delta R.T. -0.008 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:202 Resp: 61188
Ion Ratio Lower Upper
202 100
101 7.0 0.0 25.0
203 19.9 0.0 38.0

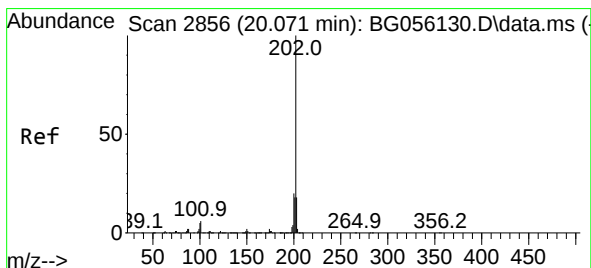
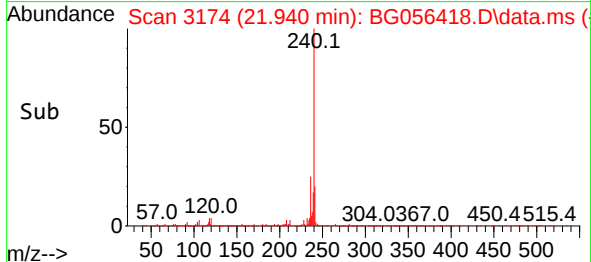
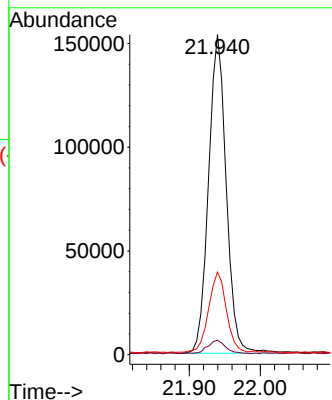
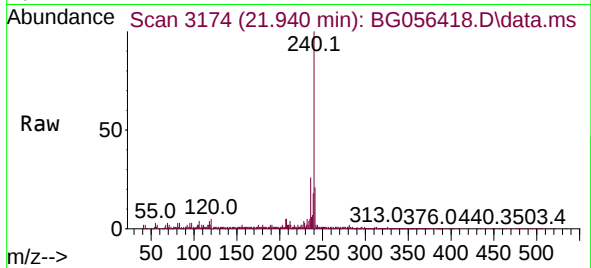




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.940 min Scan# 3180
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

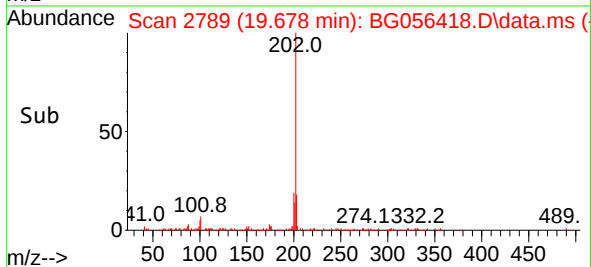
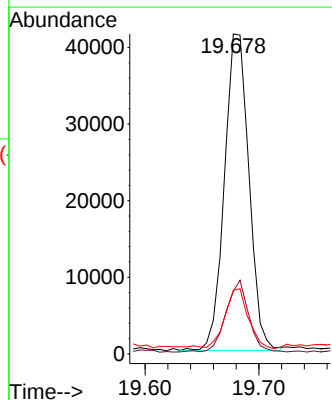
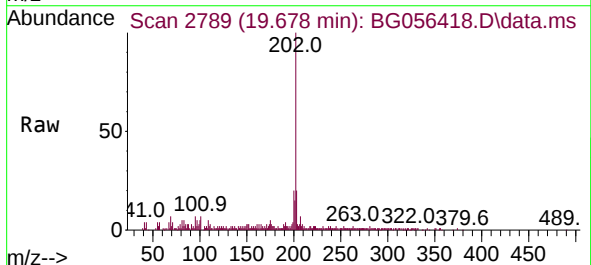
Instrument :
BNA_G
ClientSampleId :
SU-04-012023

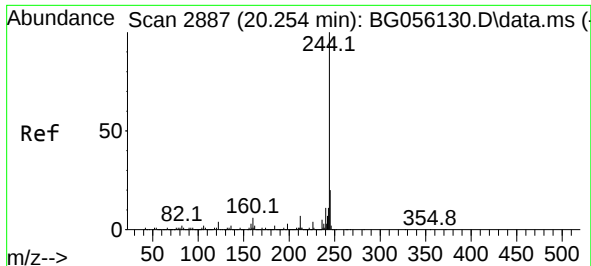
Tgt Ion:240 Resp: 266033
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.8 20.8 31.2



#78
Pyrene
Concen: 3.295 ng
RT: 19.678 min Scan# 2789
Delta R.T. -0.367 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:202 Resp: 61783
Ion Ratio Lower Upper
202 100
200 19.5 16.4 24.6
203 19.9 14.3 21.5

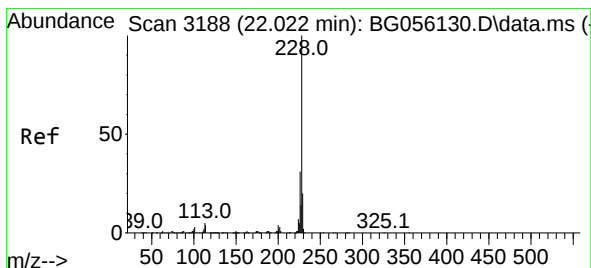
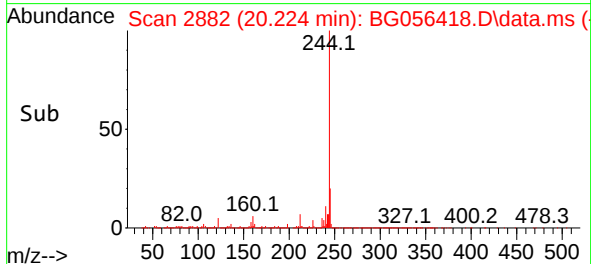
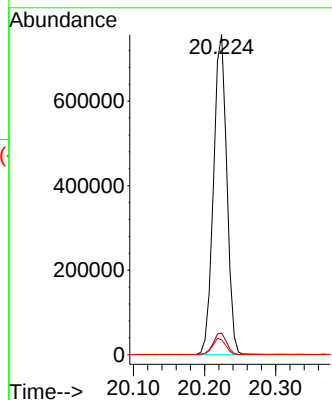
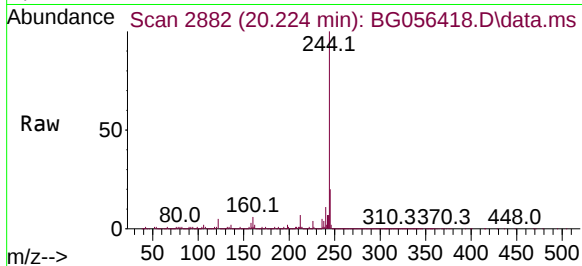




#79
Terphenyl-d14
Concen: 66.305 ng
RT: 20.224 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

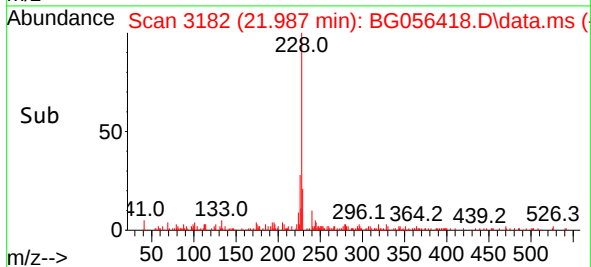
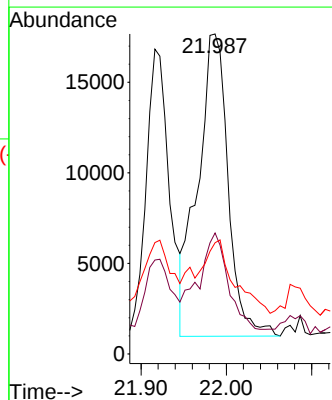
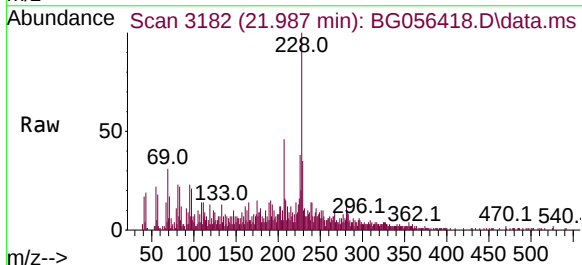
Instrument :
BNA_G
ClientSampleId :
SU-04-012023

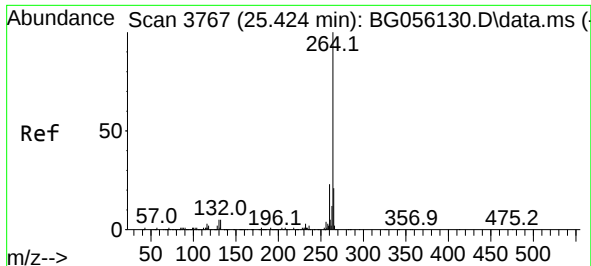
Tgt Ion:244 Resp: 984863
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 4.7 3.5 5.3



#83
Chrysene
Concen: 2.364 ng
RT: 21.987 min Scan# 3182
Delta R.T. -0.008 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:228 Resp: 41382
Ion Ratio Lower Upper
228 100
226 37.8 24.6 36.8#
229 34.7 15.8 23.6#

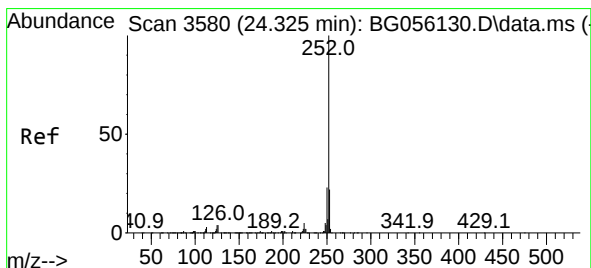
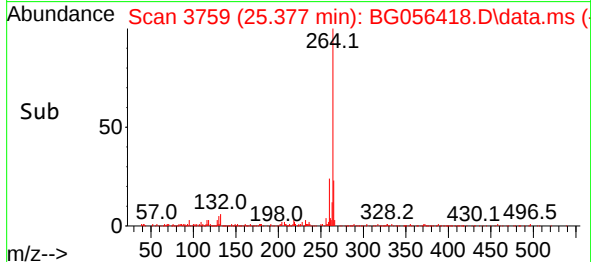
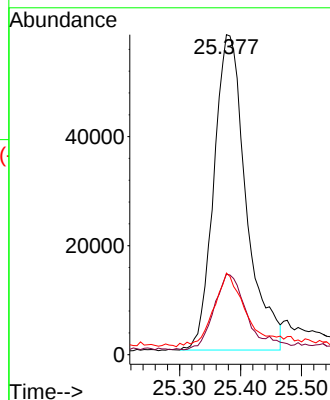
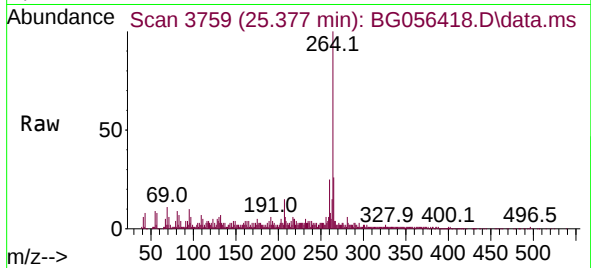




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.377 min Scan# 31
 Delta R.T. 0.004 min
 Lab File: BG056418.D
 Acq: 25 Jan 2023 1:18

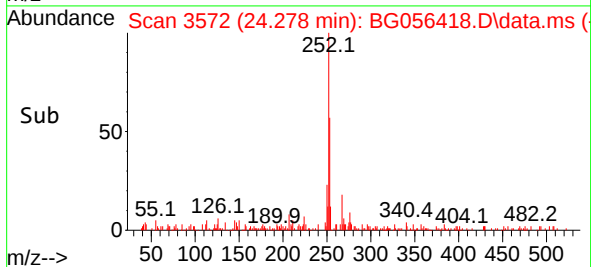
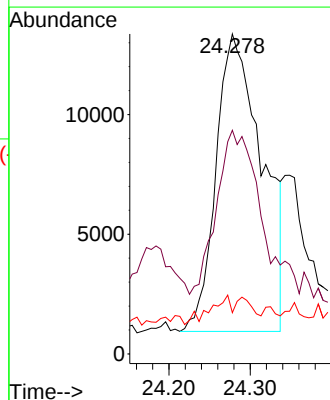
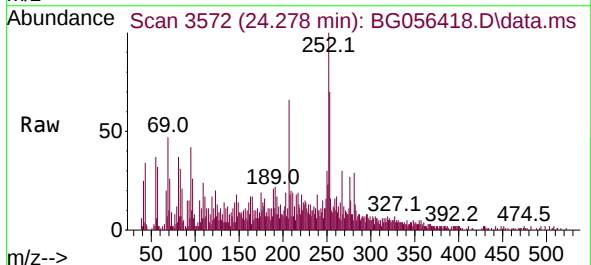
Instrument :
 BNA_G
 ClientSampleId :
 SU-04-012023

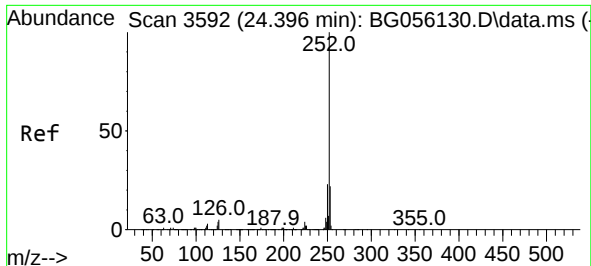
Tgt Ion:264 Resp: 212960
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.6 28.0
 265 25.5 16.7 25.1#



#88
 Benzo(b)fluoranthene
 Concen: 3.625 ng
 RT: 24.278 min Scan# 3572
 Delta R.T. -0.002 min
 Lab File: BG056418.D
 Acq: 25 Jan 2023 1:18

Tgt Ion:252 Resp: 49051
 Ion Ratio Lower Upper
 252 100
 253 69.9 17.4 26.2#
 125 12.9 3.0 4.4#

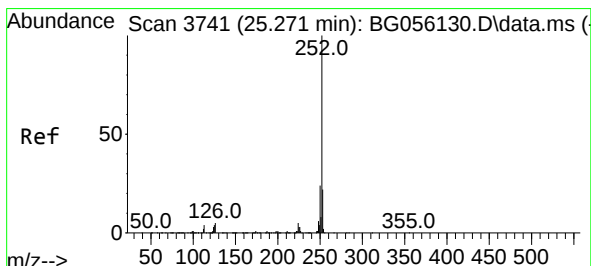
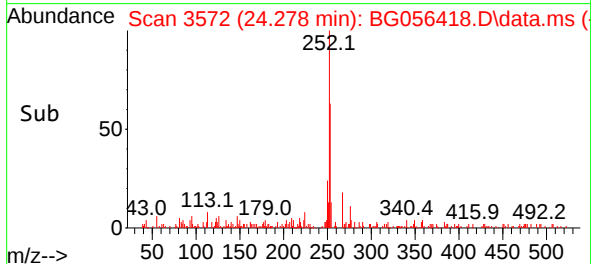
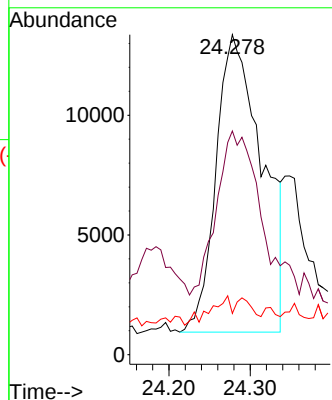
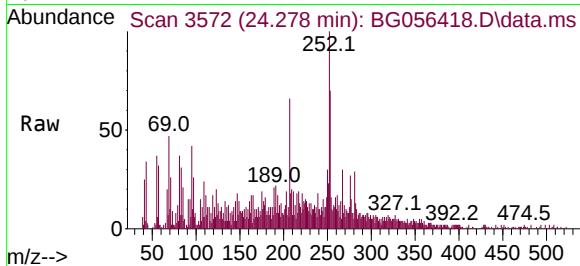




#89
Benzo(k)fluoranthene
Concen: 3.640 ng
RT: 24.278 min Scan# 31
Delta R.T. -0.073 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Instrument :
BNA_G
ClientSampleId :
SU-04-012023

Tgt Ion:252 Resp: 49051
Ion Ratio Lower Upper
252 100
253 69.9 17.5 26.3#
125 12.9 3.4 5.0#



#90
Benzo(a)pyrene
Concen: 2.013 ng
RT: 25.218 min Scan# 3732
Delta R.T. 0.004 min
Lab File: BG056418.D
Acq: 25 Jan 2023 1:18

Tgt Ion:252 Resp: 26570
Ion Ratio Lower Upper
252 100
253 37.1 17.4 26.2#
125 18.6 3.2 4.8#

