

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056531.D
 Acq On : 3 Feb 2023 2:22
 Operator : CG/JU
 Sample : 01390-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-1

Quant Time: Feb 03 06:01:44 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)

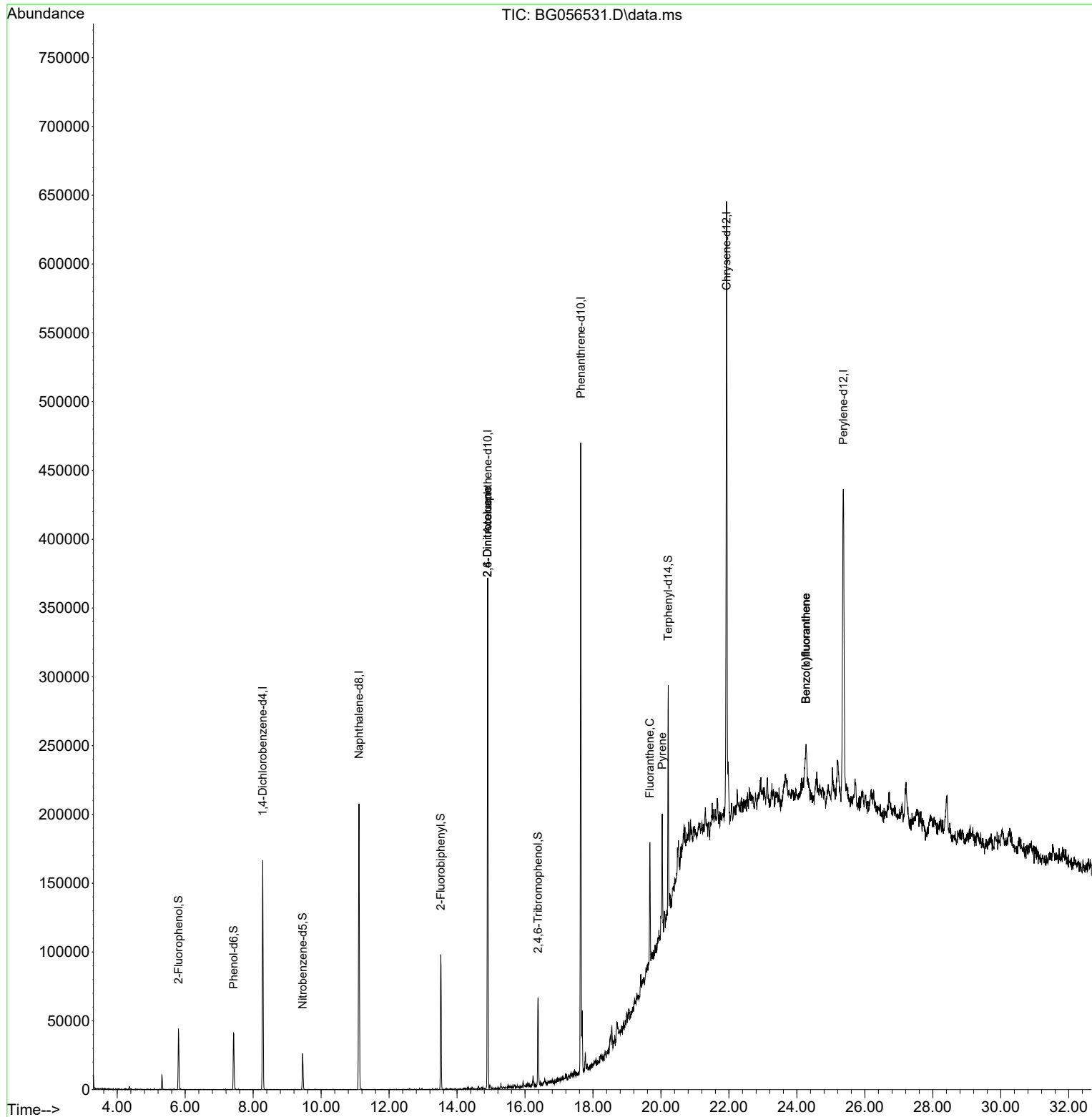
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.279	152	54205	20.000	ng	0.00
21) Naphthalene-d8	11.111	136	196705	20.000	ng	0.00
39) Acenaphthene-d10	14.901	164	141791	20.000	ng	0.00
64) Phenanthrene-d10	17.639	188	314852	20.000	ng	0.00
76) Chrysene-d12	21.928	240	296902	20.000	ng	0.00
86) Perylene-d12	25.365	264	318342	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	27646	9.382	ng	0.00
7) Phenol-d6	7.422	99	35258	8.076	ng	0.00
23) Nitrobenzene-d5	9.455	82	19729	5.695	ng	0.00
42) 2,4,6-Tribromophenol	16.382	330	14494	7.689	ng	0.00
45) 2-Fluorobiphenyl	13.520	172	57588	5.631	ng	0.00
79) Terphenyl-d14	20.213	244	87403	5.170	ng	0.00
Target Compounds						
						Qvalue
51) 2,6-Dinitrotoluene	14.895	165	18869	7.543	ng	# 37
57) 2,4-Dinitrotoluene	14.895	165	18869	5.355	ng	# 36
75) Fluoranthene	19.672	202	61282	2.947	ng	98
78) Pyrene	20.036	202	59284	2.808	ng	97
88) Benzo(b)fluoranthene	24.261	252	41239	2.087	ng	# 74
89) Benzo(k)fluoranthene	24.261	252	41239	2.067	ng	# 72

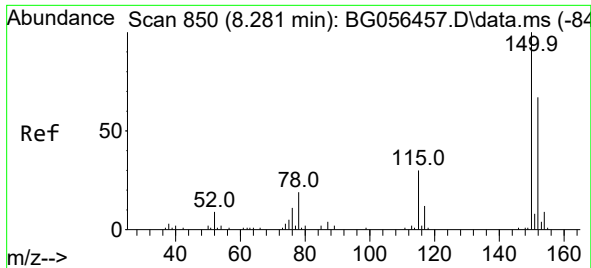
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Feb 03 06:01:44 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
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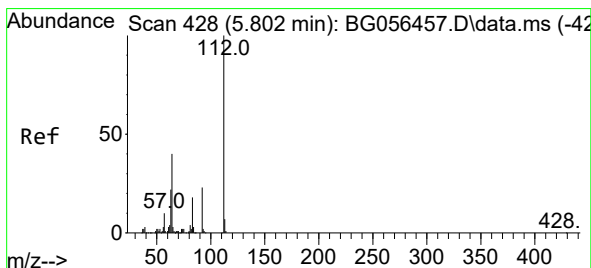
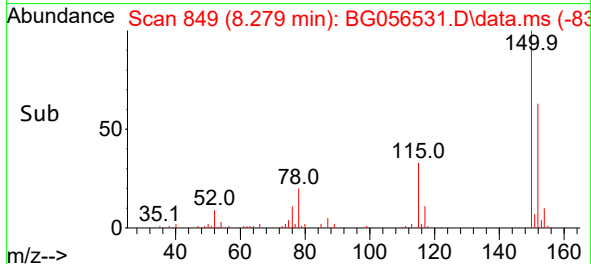
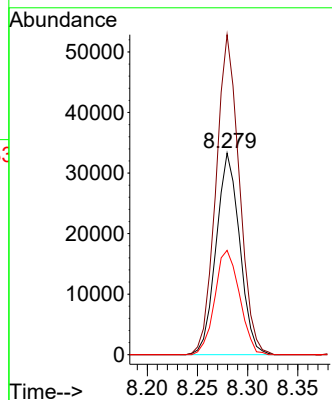
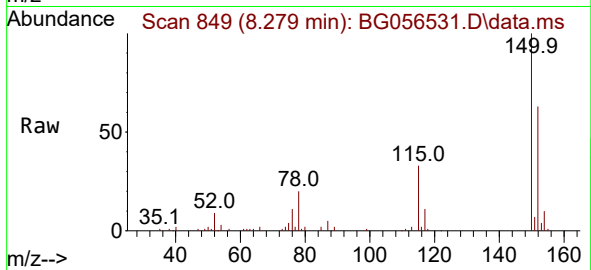




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.279 min Scan# 84
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

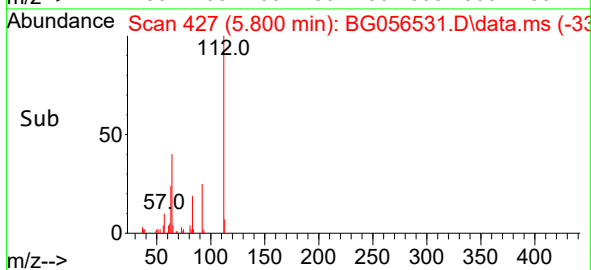
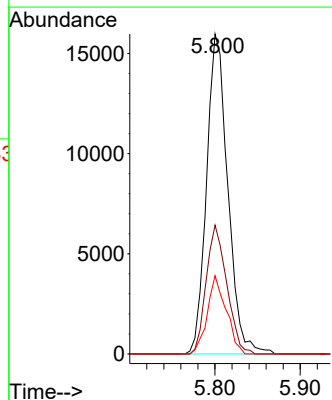
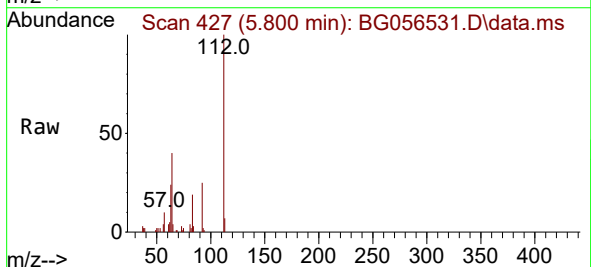
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-1

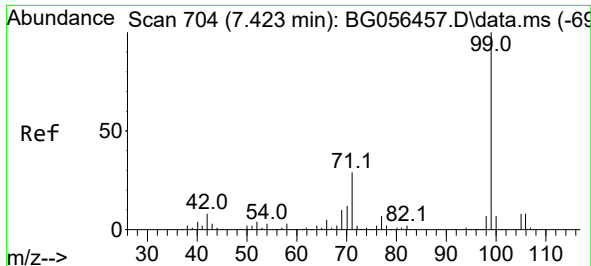
Tgt Ion:152 Resp: 54205
Ion Ratio Lower Upper
152 100
150 158.8 120.2 180.4
115 51.8 36.3 54.5



#5
2-Fluorophenol
Concen: 9.382 ng
RT: 5.800 min Scan# 427
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

Tgt Ion:112 Resp: 27646
Ion Ratio Lower Upper
112 100
64 40.2 31.9 47.9
63 24.4 17.4 26.0

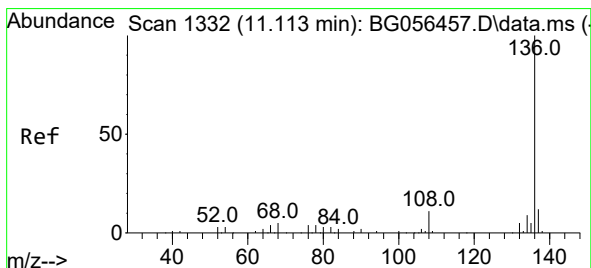
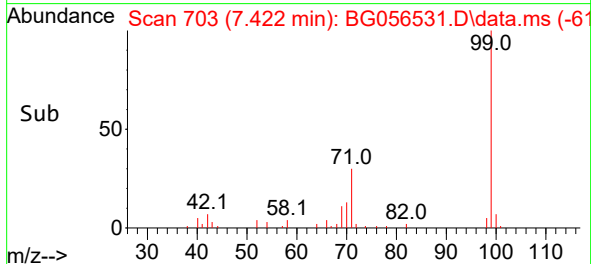
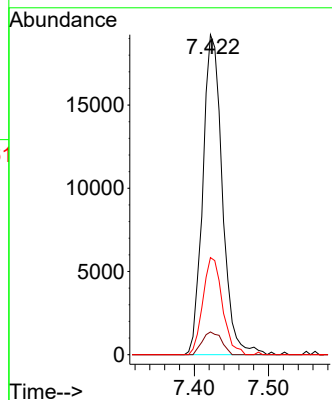
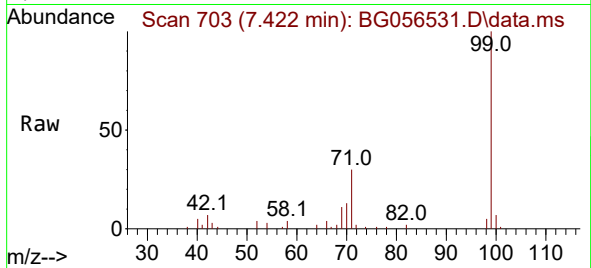




#7
Phenol-d6
Concen: 8.076 ng
RT: 7.422 min Scan# 704
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

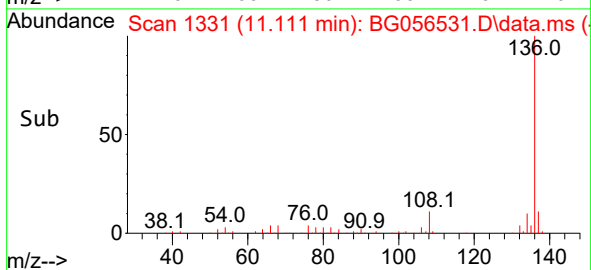
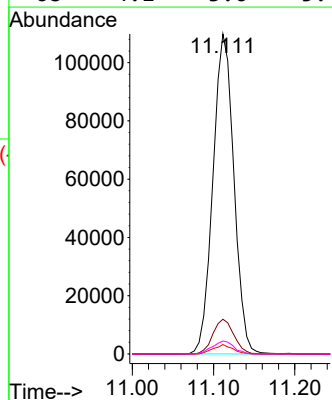
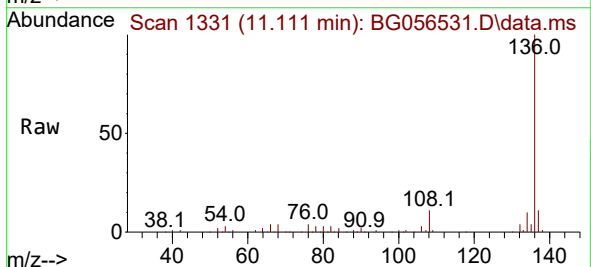
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-1

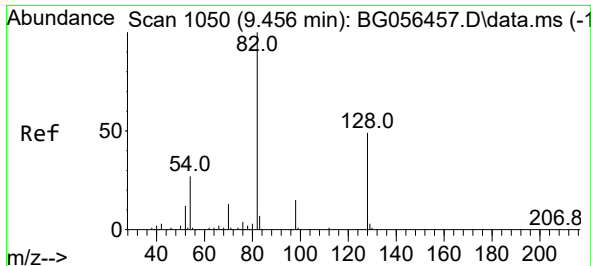
Tgt Ion: 99 Resp: 35258
Ion Ratio Lower Upper
99 100
42 7.1 6.6 10.0
71 30.4 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.111 min Scan# 1331
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

Tgt Ion:136 Resp: 196705
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 3.0 2.2 3.4
68 4.1 3.6 5.4

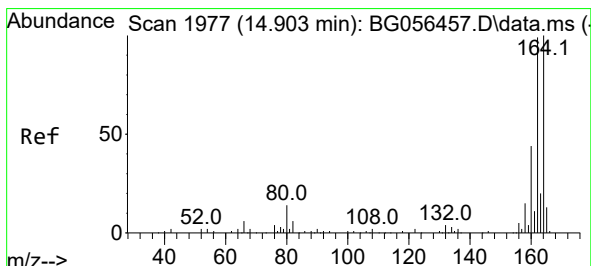
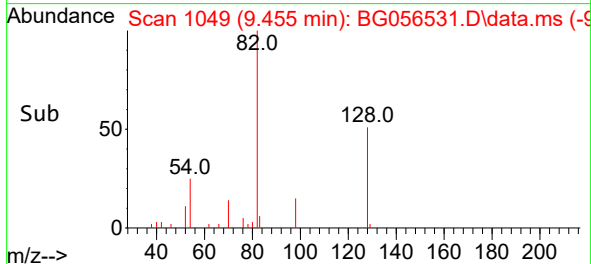
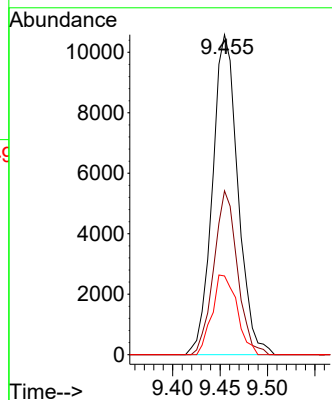
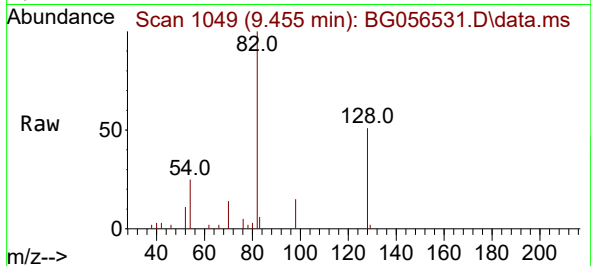




#23
Nitrobenzene-d5
Concen: 5.695 ng
RT: 9.455 min Scan# 1049
Delta R.T. -0.002 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

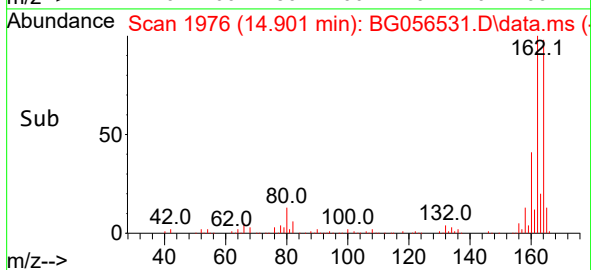
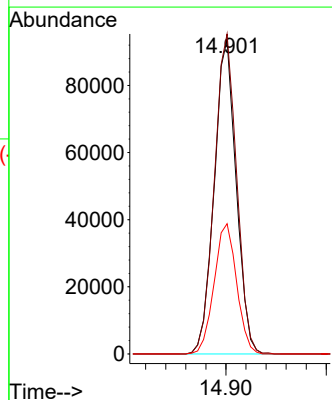
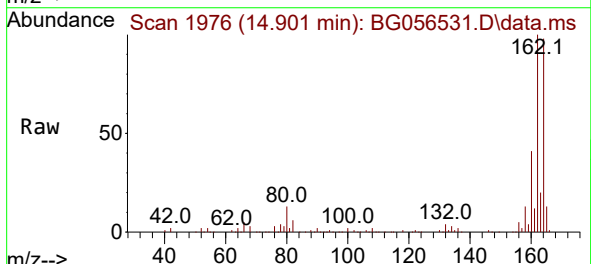
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-1

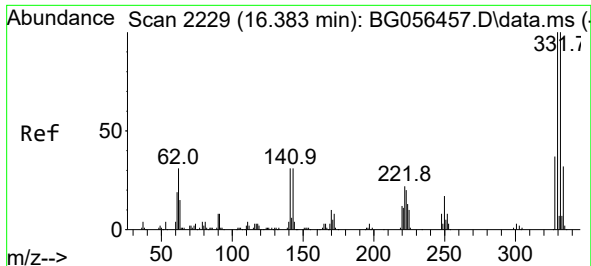
Tgt Ion: 82 Resp: 19729
Ion Ratio Lower Upper
82 100
128 51.2 39.4 59.2
54 24.6 21.4 32.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.901 min Scan# 1976
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

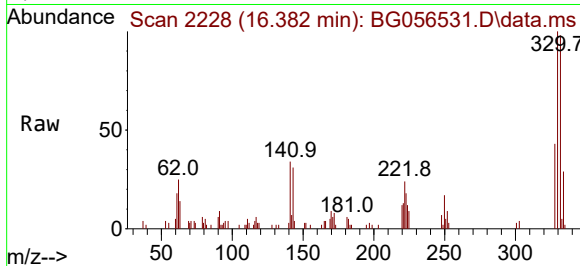
Tgt Ion: 164 Resp: 141791
Ion Ratio Lower Upper
164 100
162 101.8 79.6 119.4
160 41.4 34.9 52.3



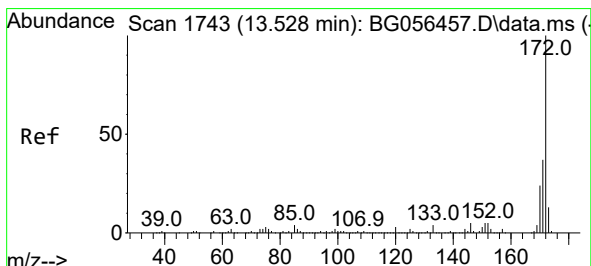
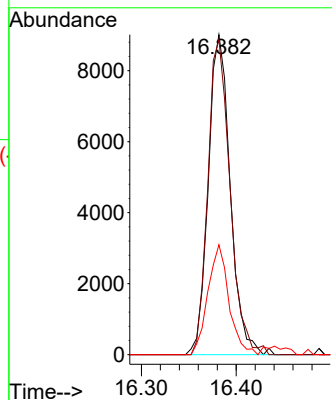
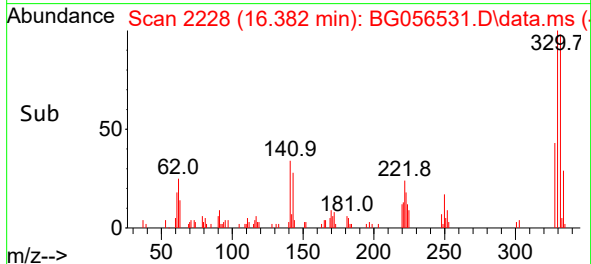


#42
 2,4,6-Tribromophenol
 Concen: 7.689 ng
 RT: 16.382 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG056531.D
 Acq: 3 Feb 2023 2:22

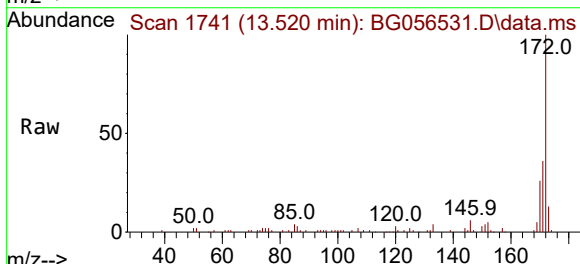
Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-1



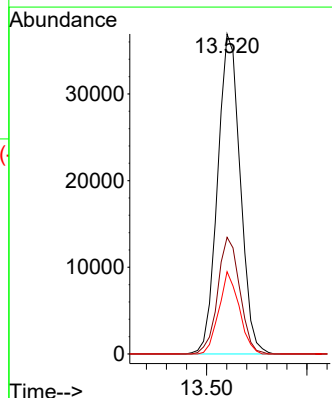
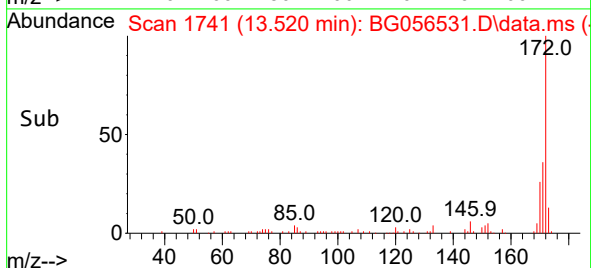
Tgt Ion:330 Resp: 14494
 Ion Ratio Lower Upper
 330 100
 332 99.3 79.0 118.6
 141 32.8 24.2 36.4

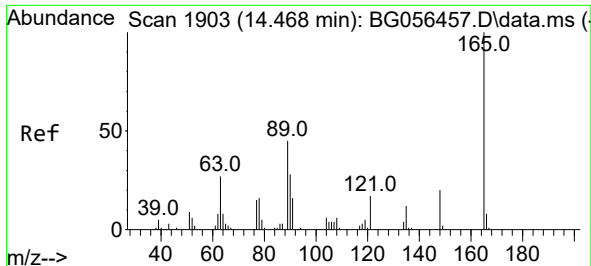


#45
 2-Fluorobiphenyl
 Concen: 5.631 ng
 RT: 13.520 min Scan# 1741
 Delta R.T. -0.002 min
 Lab File: BG056531.D
 Acq: 3 Feb 2023 2:22



Tgt Ion:172 Resp: 57588
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 25.7 19.2 28.8

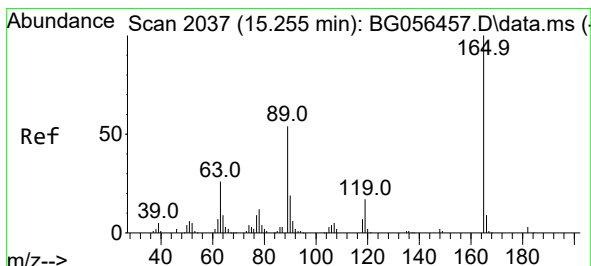
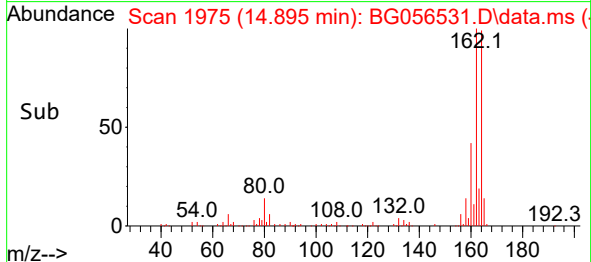
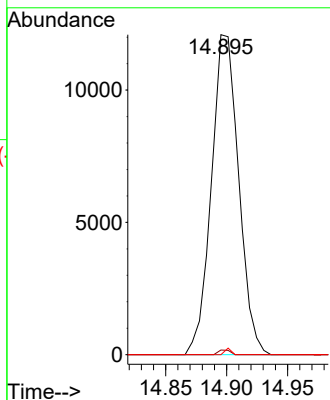
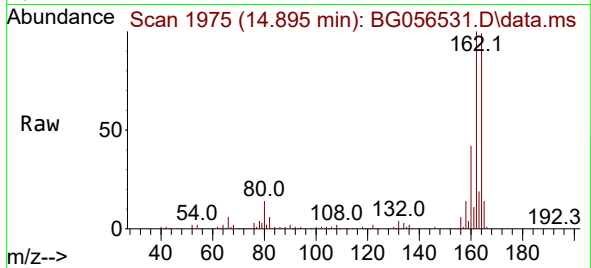




#51
2,6-Dinitrotoluene
Concen: 7.543 ng
RT: 14.895 min Scan# 1903
Delta R.T. 0.427 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

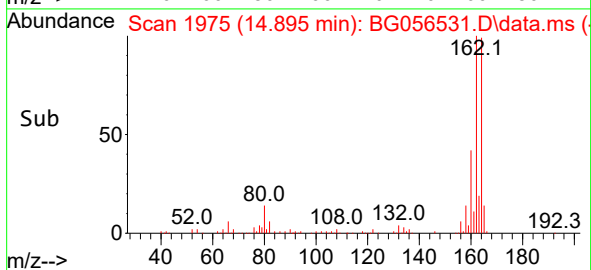
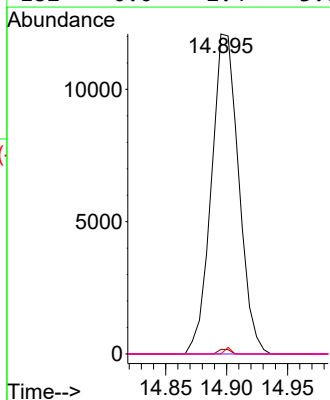
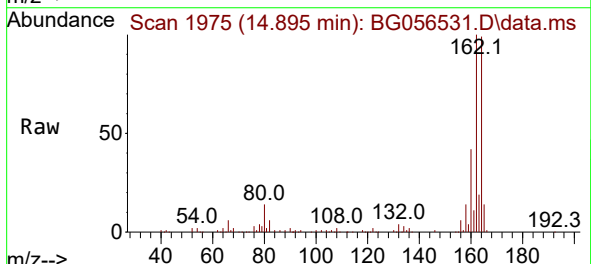
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-1

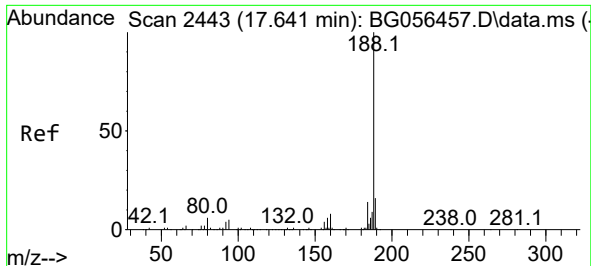
Tgt Ion:165 Resp: 18869
Ion Ratio Lower Upper
165 100
63 1.4 26.9 40.3#
89 0.0 35.6 53.4#



#57
2,4-Dinitrotoluene
Concen: 5.355 ng
RT: 14.895 min Scan# 1975
Delta R.T. -0.354 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

Tgt Ion:165 Resp: 18869
Ion Ratio Lower Upper
165 100
63 1.4 20.6 31.0#
89 0.0 43.1 64.7#
182 0.0 2.4 3.6#

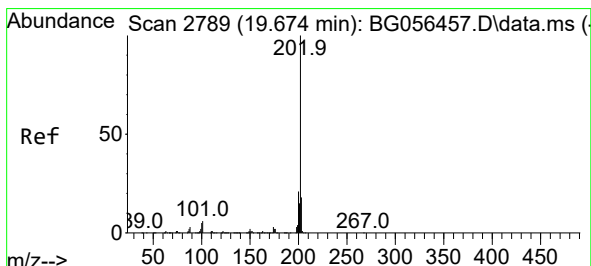
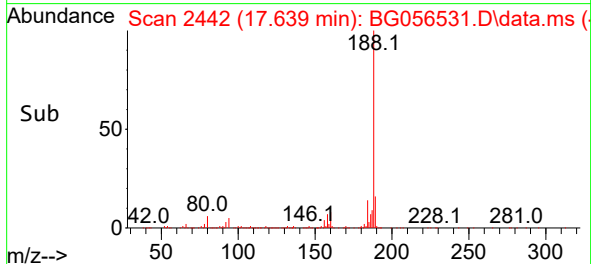
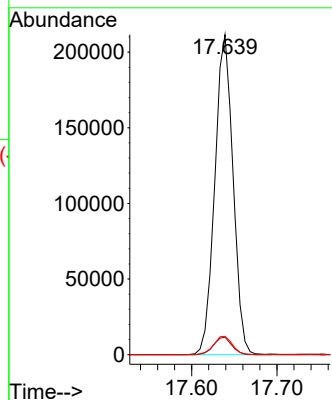
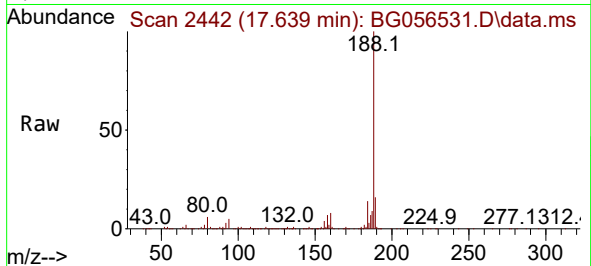




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.639 min Scan# 2443
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

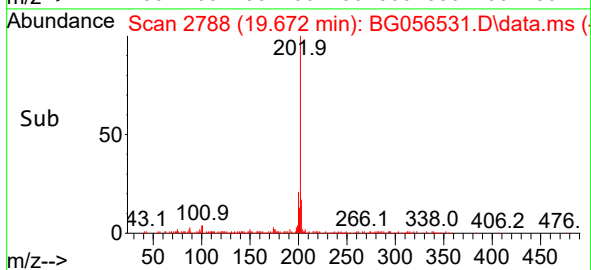
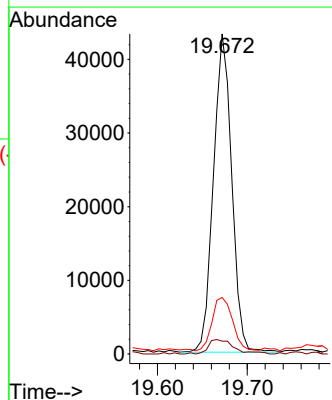
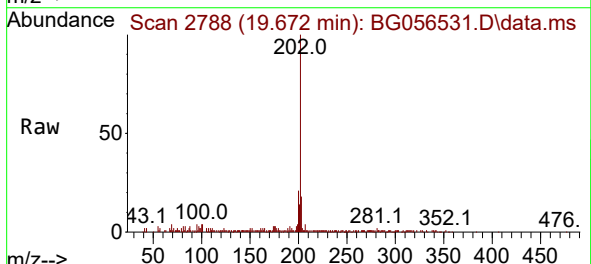
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-1

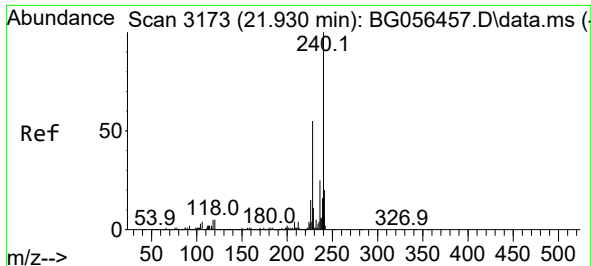
Tgt Ion:188 Resp: 314852
Ion Ratio Lower Upper
188 100
94 5.5 4.1 6.1
80 5.8 5.0 7.4



#75
Fluoranthene
Concen: 2.947 ng
RT: 19.672 min Scan# 2788
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

Tgt Ion:202 Resp: 61282
Ion Ratio Lower Upper
202 100
101 4.0 0.0 25.6
203 17.7 0.0 38.1

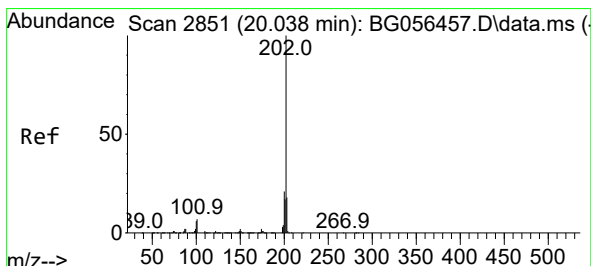
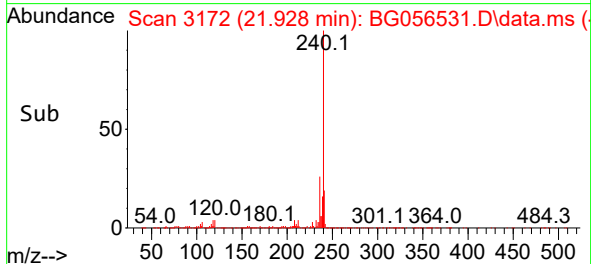
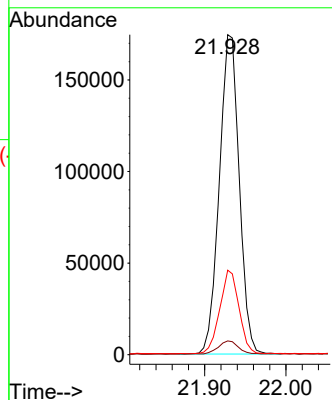
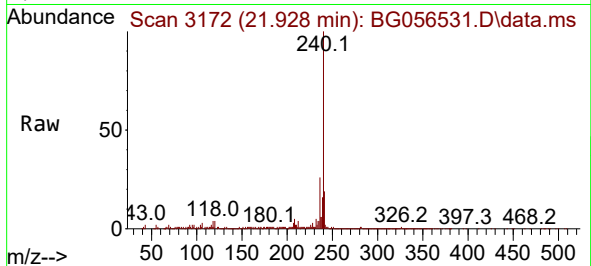




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.928 min Scan# 3172
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

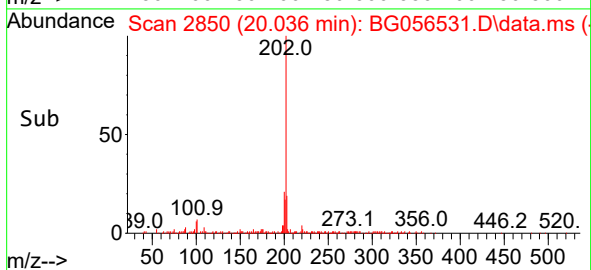
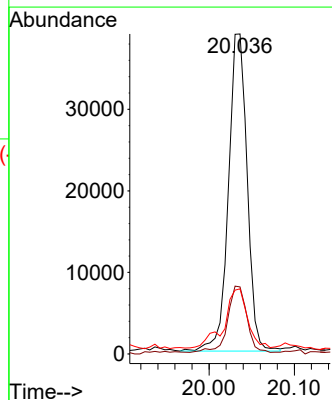
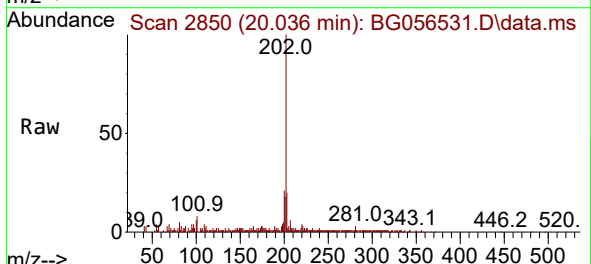
Instrument :
BNA_G
ClientSampleId :
STOCKPILE-1

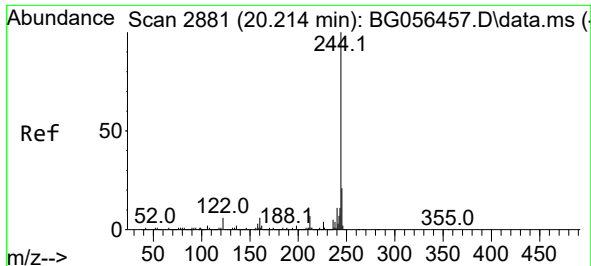
Tgt Ion:240 Resp: 296902
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 26.4 20.2 30.2



#78
Pyrene
Concen: 2.808 ng
RT: 20.036 min Scan# 2850
Delta R.T. 0.004 min
Lab File: BG056531.D
Acq: 3 Feb 2023 2:22

Tgt Ion:202 Resp: 59284
Ion Ratio Lower Upper
202 100
200 21.0 16.7 25.1
203 20.4 14.4 21.6

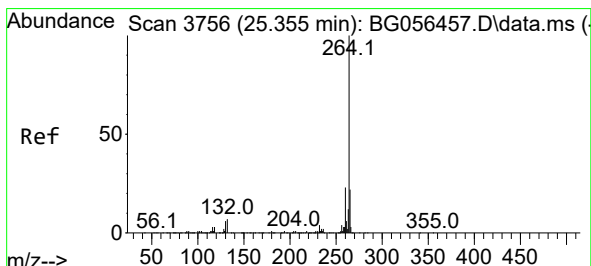
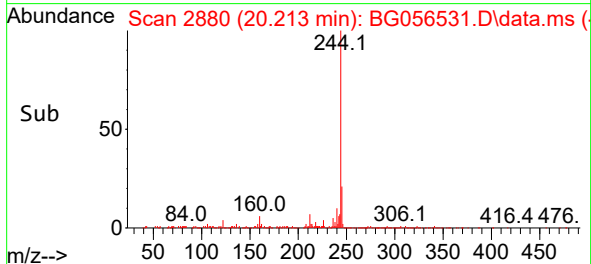
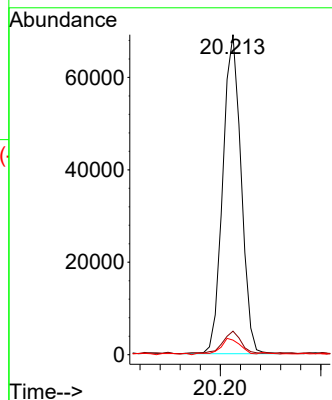
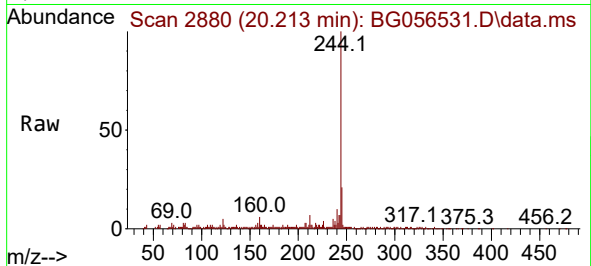




#79
 Terphenyl-d14
 Concen: 5.170 ng
 RT: 20.213 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG056531.D
 Acq: 3 Feb 2023 2:22

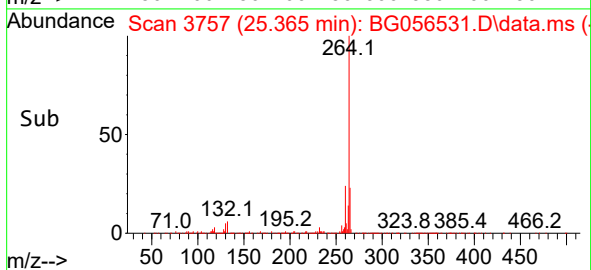
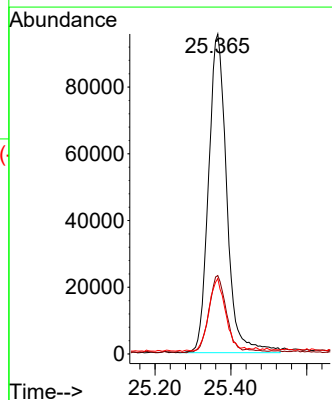
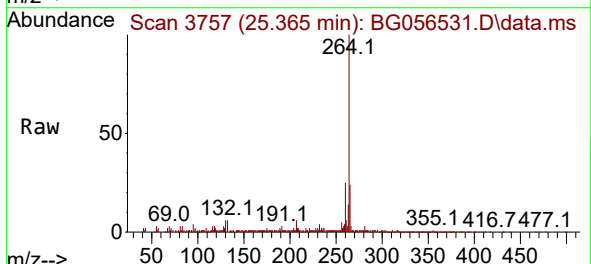
Instrument :
 BNA_G
 ClientSampleId :
 STOCKPILE-1

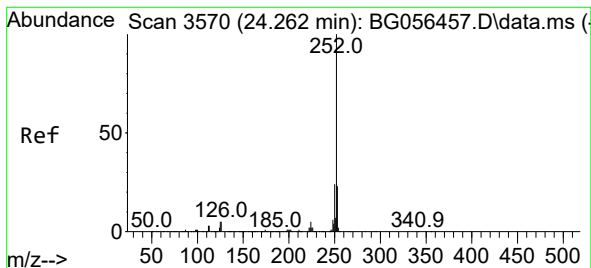
Tgt Ion:244 Resp: 87403
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.5 8.3
 122 4.5 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.365 min Scan# 3757
 Delta R.T. 0.022 min
 Lab File: BG056531.D
 Acq: 3 Feb 2023 2:22

Tgt Ion:264 Resp: 318342
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.2 27.4
 265 23.6 18.1 27.1





#88

Benzo(b)fluoranthene

Concen: 2.087 ng

RT: 24.261 min Scan# 3569

Delta R.T. 0.010 min

Lab File: BG056531.D

Acq: 3 Feb 2023 2:22

Instrument :

BNA_G

ClientSampleId :

STOCKPILE-1

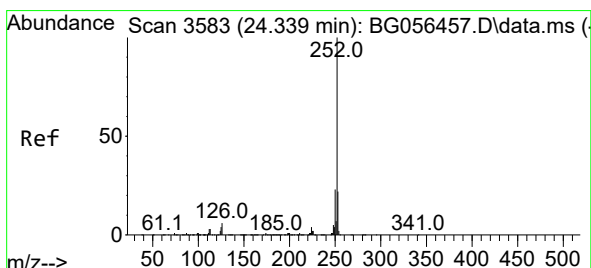
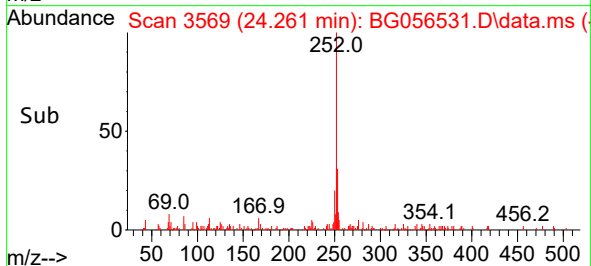
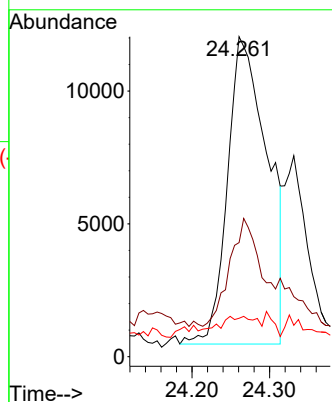
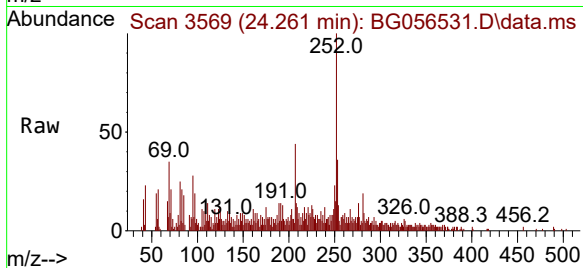
Tgt Ion:252 Resp: 41239

Ion Ratio Lower Upper

252 100

253 35.6 18.1 27.1#

125 12.0 3.9 5.9#



#89

Benzo(k)fluoranthene

Concen: 2.067 ng

RT: 24.261 min Scan# 3569

Delta R.T. -0.061 min

Lab File: BG056531.D

Acq: 3 Feb 2023 2:22

Tgt Ion:252 Resp: 41239

Ion Ratio Lower Upper

252 100

253 35.6 17.5 26.3#

125 12.0 3.4 5.0#

