

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056428.D
 Acq On : 25 Jan 2023 17:23
 Operator : CG/JU
 Sample : 01260-17
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

Quant Time: Jan 26 01:12:41 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)

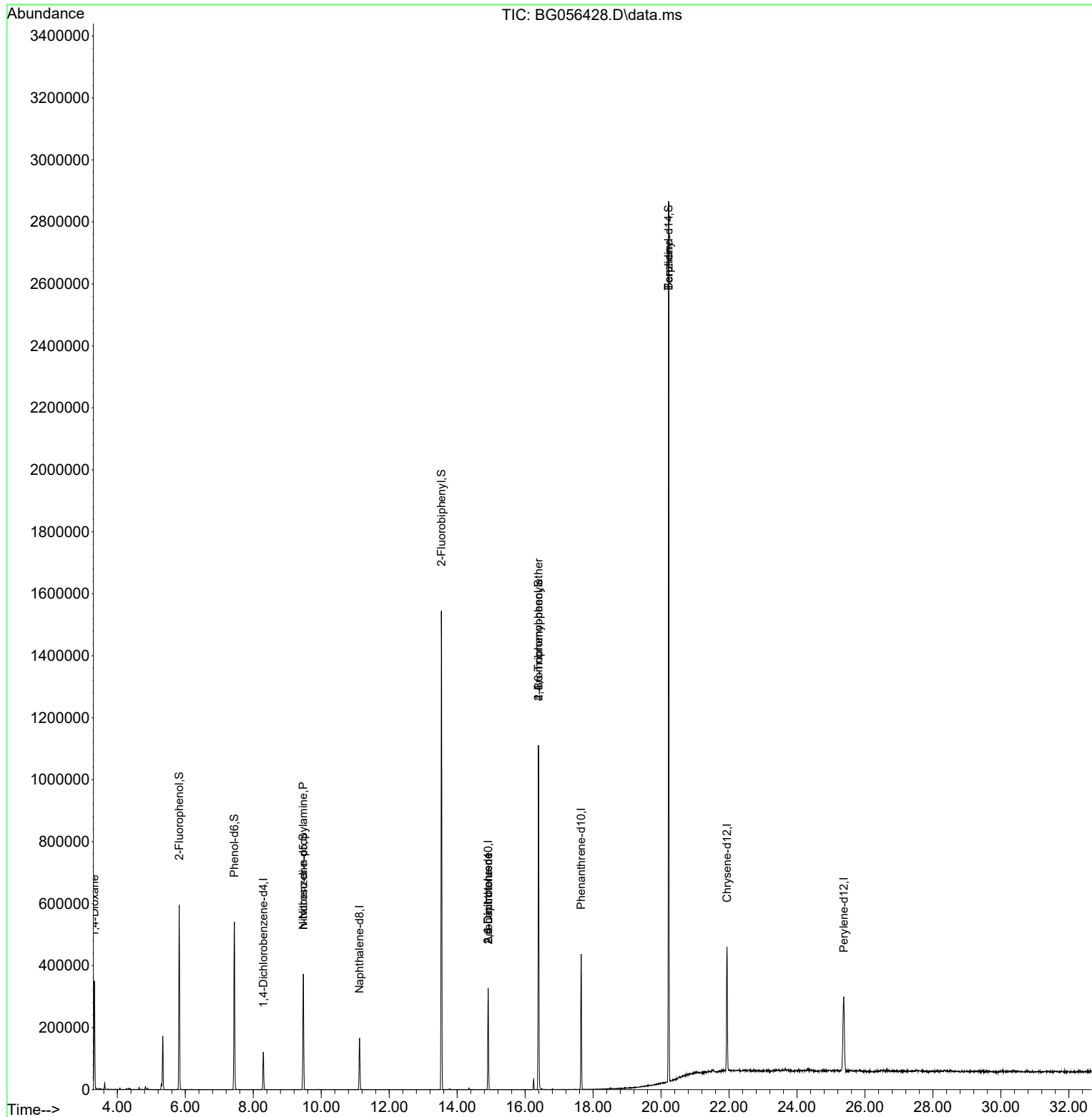
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	41454	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	156465	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	124242	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	299727	20.000	ng	0.00
76) Chrysene-d12	21.937	240	273853	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	298469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	338114	145.632	ng	0.00
7) Phenol-d6	7.442	99	424701	119.115	ng	0.00
23) Nitrobenzene-d5	9.469	82	261227	85.400	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	244426	155.339	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	876123	97.377	ng	0.00
79) Terphenyl-d14	20.221	244	1574755	102.992	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	4762	4.490	ng	# 1
19) n-Nitroso-di-n-propyla...	9.469	70	32000	14.759	ng	# 76
51) 2,6-Dinitrotoluene	14.910	165	16443	7.694	ng	# 33
57) 2,4-Dinitrotoluene	14.910	165	16443	5.502	ng	# 29
67) 4-Bromophenyl-phenylether	16.390	248	18664	4.890	ng	# 1
77) Benzidine	20.221	184	21159	2.205	ng	# 91

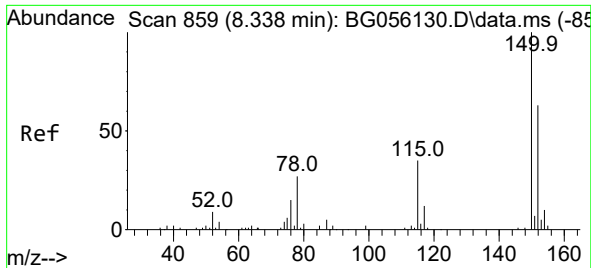
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
Data File : BG056428.D
Acq On : 25 Jan 2023 17:23
Operator : CG/JU
Sample : 01260-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-26

Quant Time: Jan 26 01:12:41 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

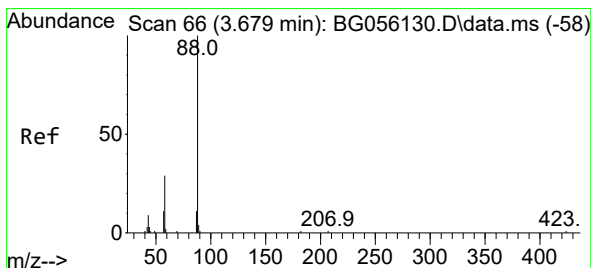
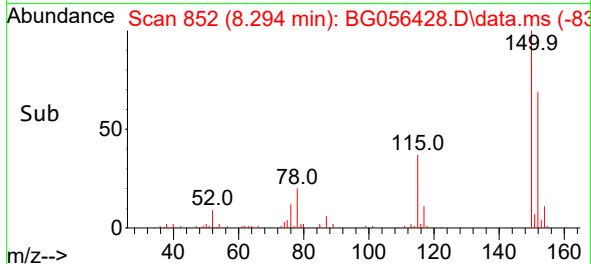
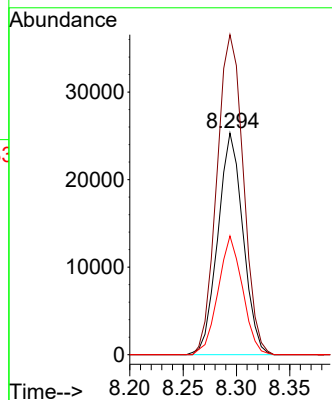
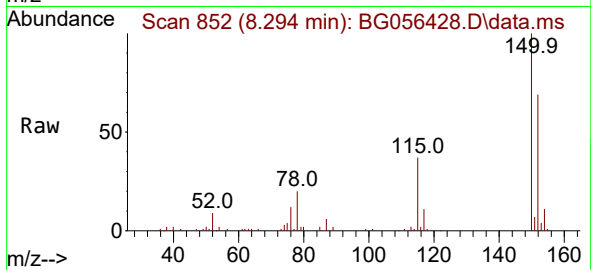




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.294 min Scan# 8
 Delta R.T. 0.001 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

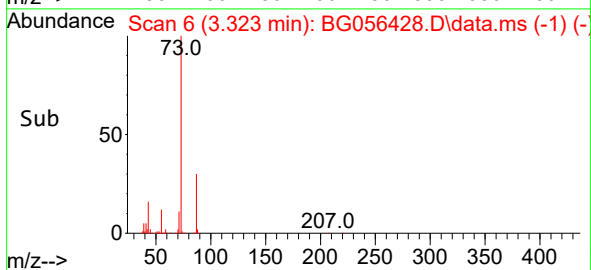
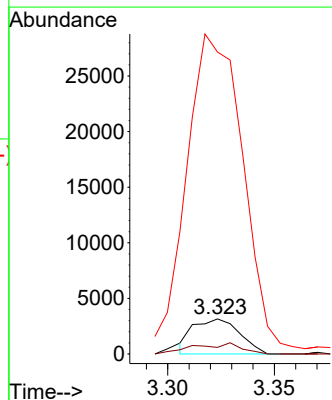
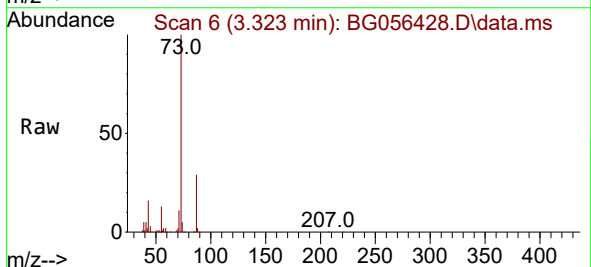
Instrument :
 BNA_G
 ClientSampleId :
 TP-26

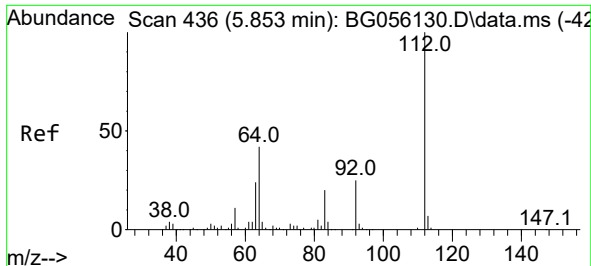
Tgt Ion:152 Resp: 41454
 Ion Ratio Lower Upper
 152 100
 150 144.4 127.9 191.9
 115 53.6 44.2 66.2



#2
 1,4-Dioxane
 Concen: 4.490 ng
 RT: 3.323 min Scan# 6
 Delta R.T. -0.293 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Tgt Ion: 88 Resp: 4762
 Ion Ratio Lower Upper
 88 100
 58 27.6 21.4 32.0
 43 964.6 7.1 10.7#

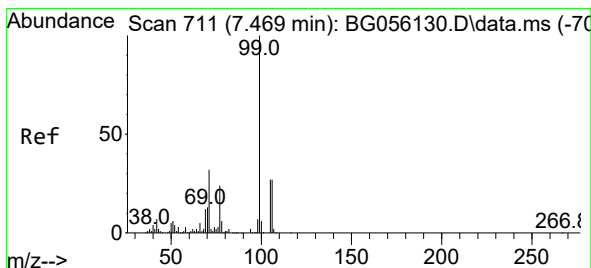
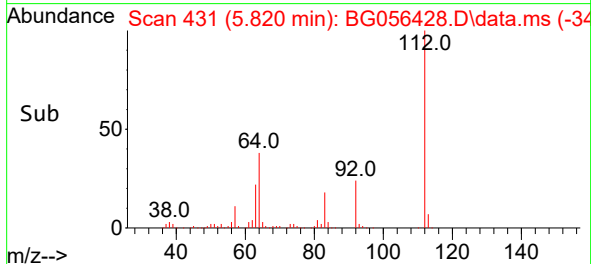
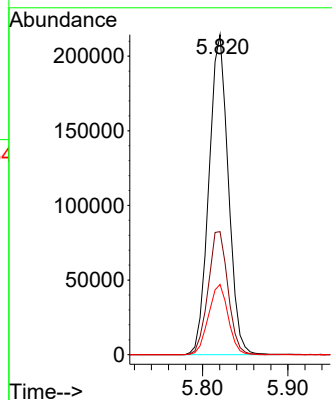
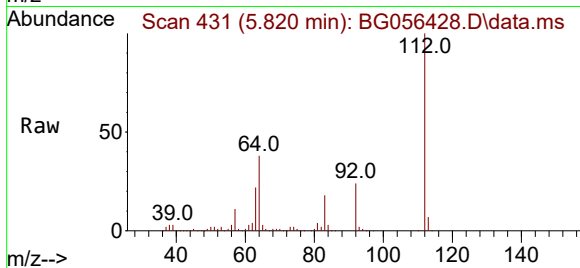




#5
2-Fluorophenol
Concen: 145.632 ng
RT: 5.820 min Scan# 41
Delta R.T. 0.007 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

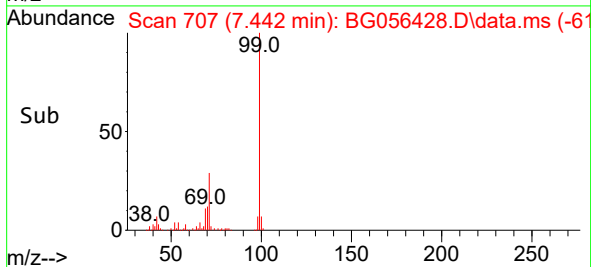
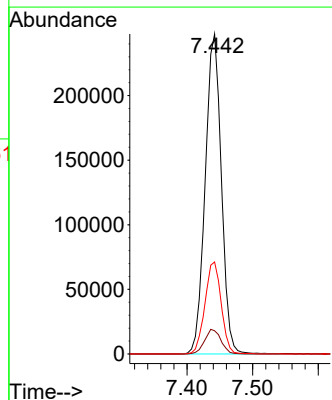
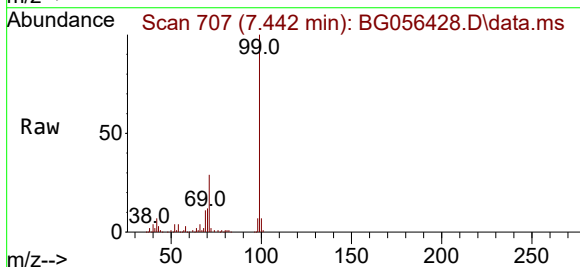
Instrument :
BNA_G
ClientSampleId :
TP-26

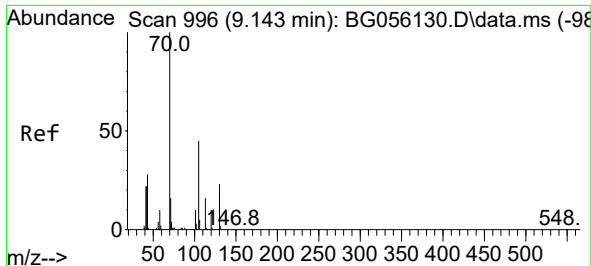
Tgt Ion:112 Resp: 338114
Ion Ratio Lower Upper
112 100
64 38.5 33.3 49.9
63 21.9 19.0 28.4



#7
Phenol-d6
Concen: 119.115 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.007 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion: 99 Resp: 424701
Ion Ratio Lower Upper
99 100
42 7.3 5.9 8.9
71 28.8 25.4 38.2

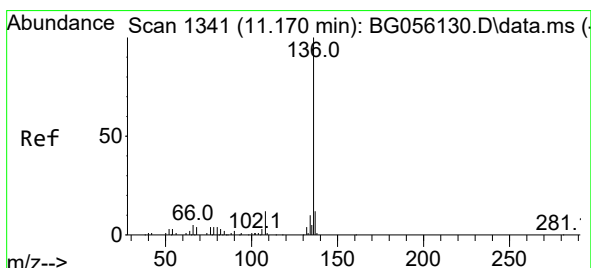
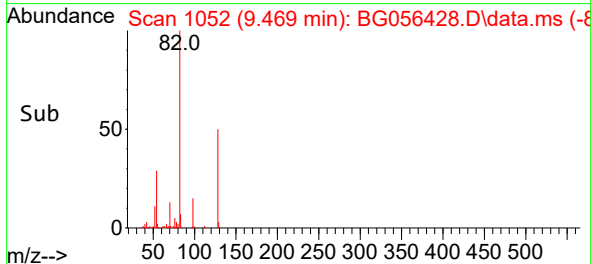
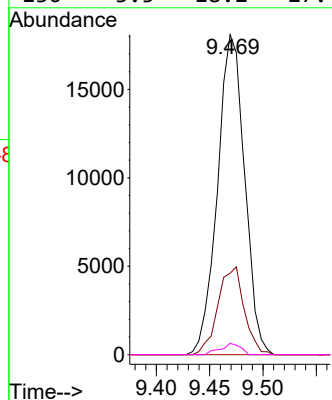
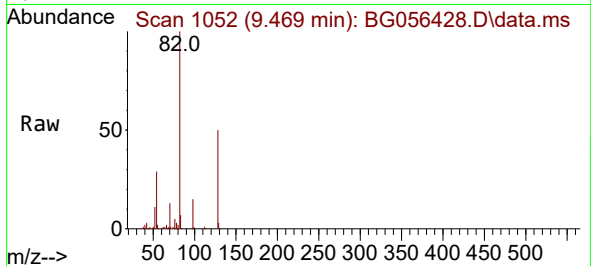




#19
n-Nitroso-di-n-propylamine
Concen: 14.759 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.371 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

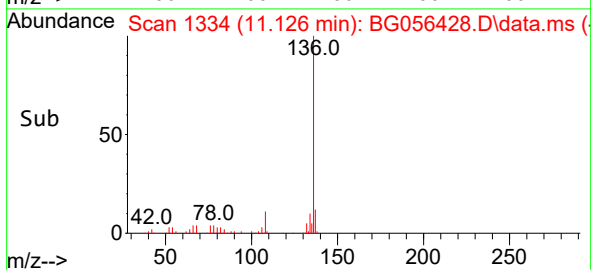
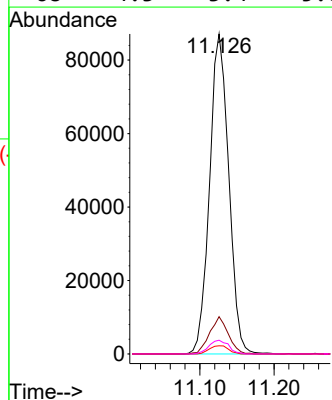
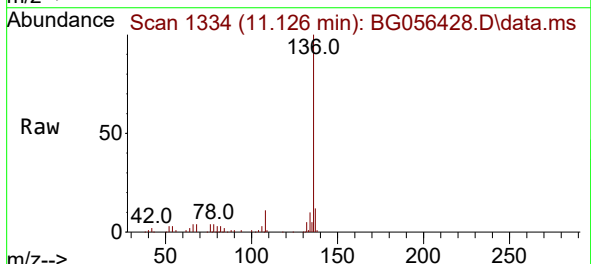
Instrument :
BNA_G
ClientSampleId :
TP-26

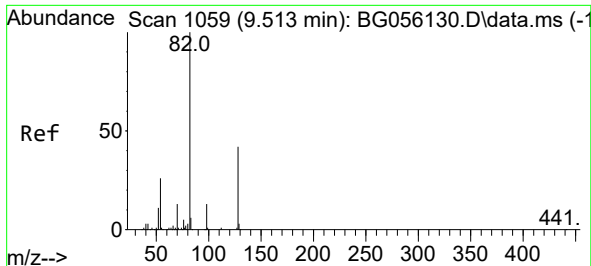
Tgt Ion:	70	Resp:	32000
Ion	Ratio	Lower	Upper
70	100		
42	25.4	18.2	27.2
101	0.0	8.3	12.5#
130	3.5	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:	136	Resp:	156465
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	2.5	2.2	3.2
68	4.3	3.4	5.0

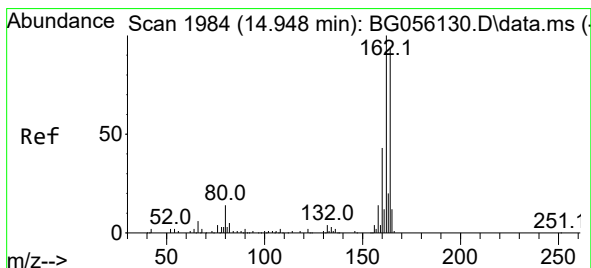
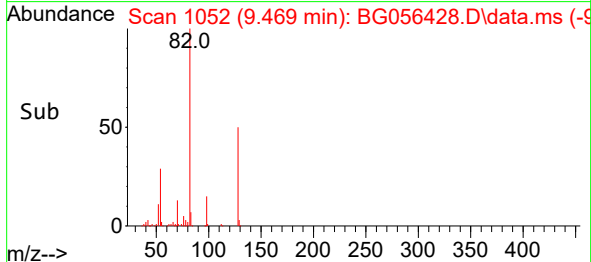
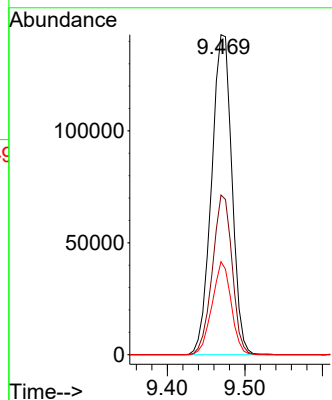
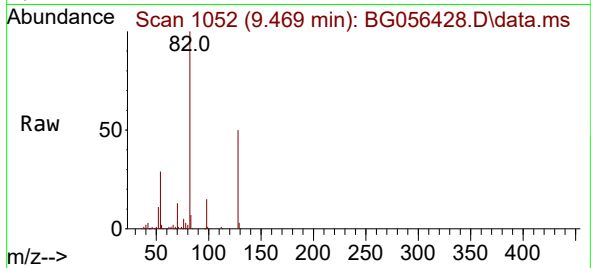




#23
Nitrobenzene-d5
Concen: 85.400 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

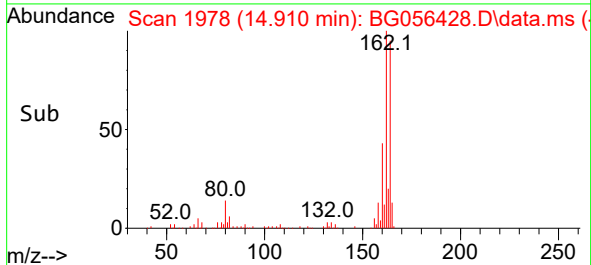
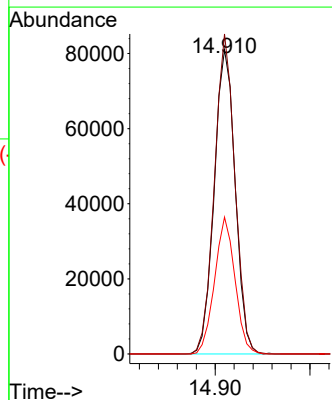
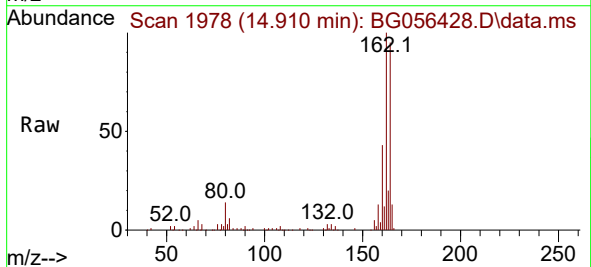
Instrument :
BNA_G
ClientSampleId :
TP-26

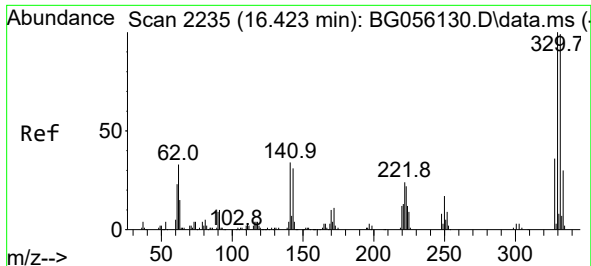
Tgt Ion: 82 Resp: 261227
Ion Ratio Lower Upper
82 100
128 49.9 33.4 50.2
54 29.1 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

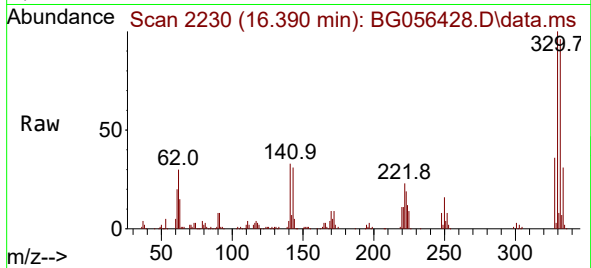
Tgt Ion: 164 Resp: 124242
Ion Ratio Lower Upper
164 100
162 105.1 84.7 127.1
160 45.0 36.3 54.5



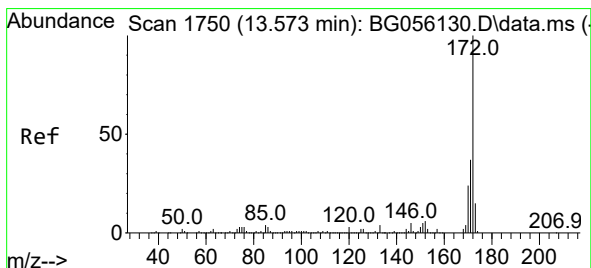
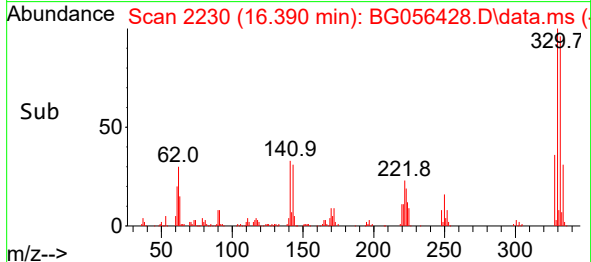
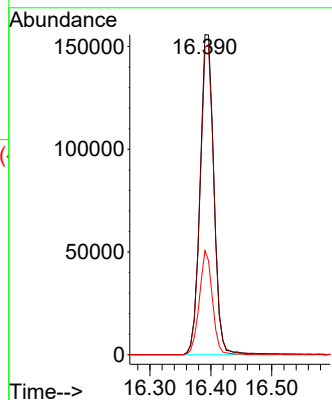


#42
 2,4,6-Tribromophenol
 Concen: 155.339 ng
 RT: 16.390 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

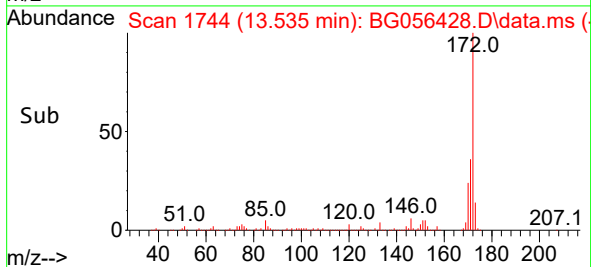
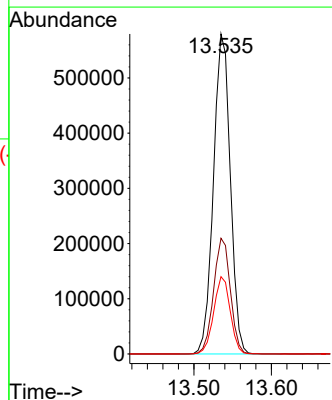
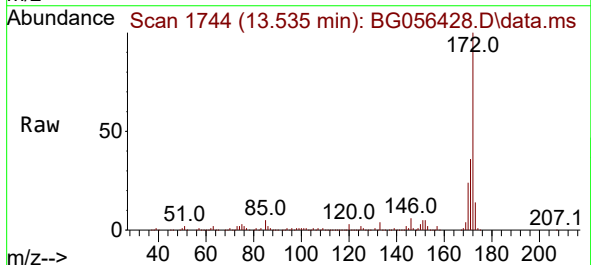


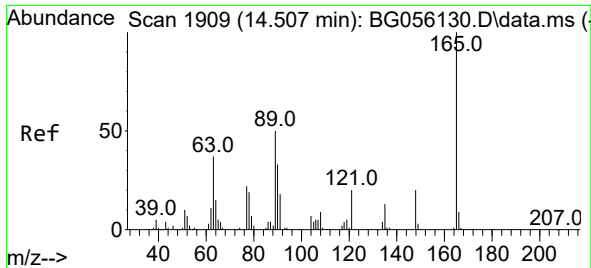
Tgt Ion:330 Resp: 244426
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.3 115.9
 141 30.7 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 97.377 ng
 RT: 13.535 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Tgt Ion:172 Resp: 876123
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.2 19.4 29.2

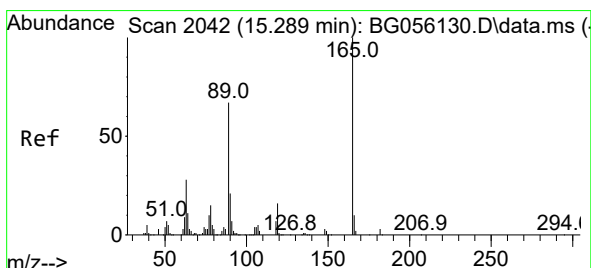
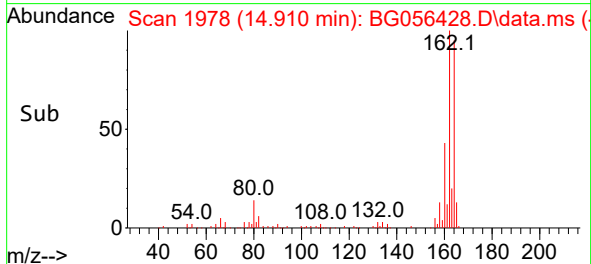
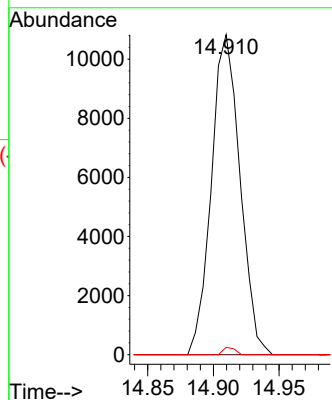
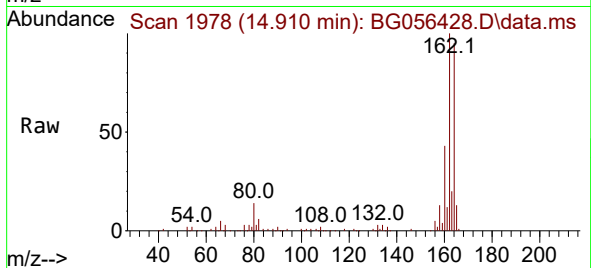




#51
2,6-Dinitrotoluene
Concen: 7.694 ng
RT: 14.910 min Scan# 1909
Delta R.T. 0.430 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

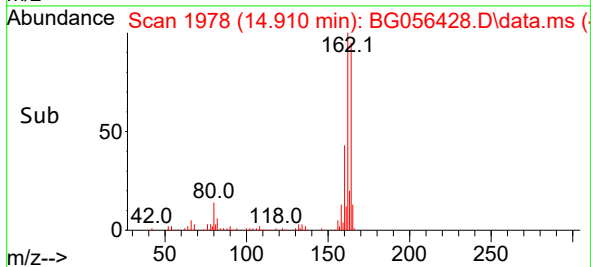
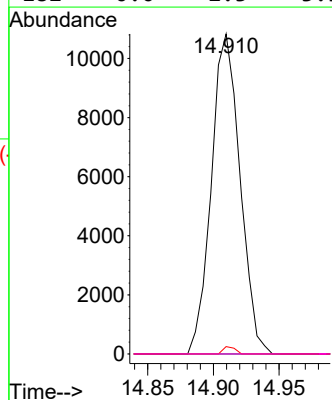
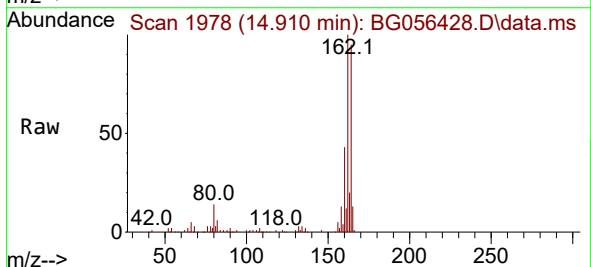
Instrument :
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TP-26

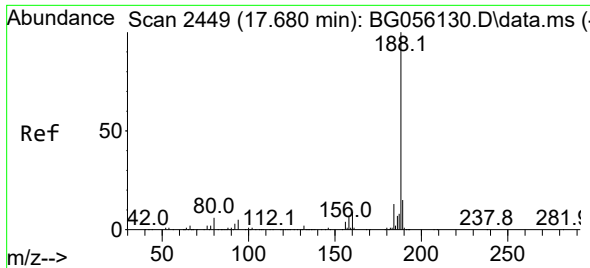
Tgt Ion:165 Resp: 16443
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.3 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.502 ng
RT: 14.910 min Scan# 1978
Delta R.T. -0.358 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:165 Resp: 16443
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.3 53.2 79.8#
182 0.0 2.3 3.5#

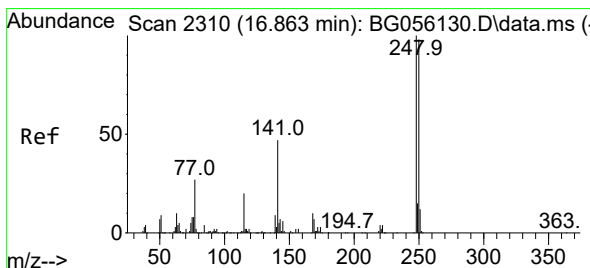
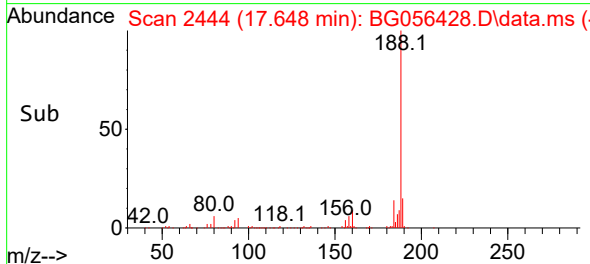
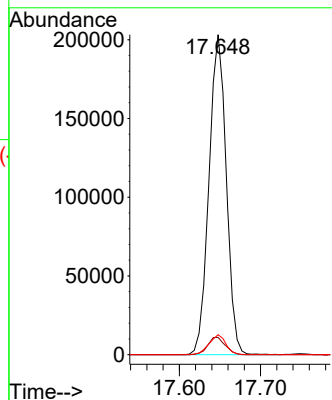
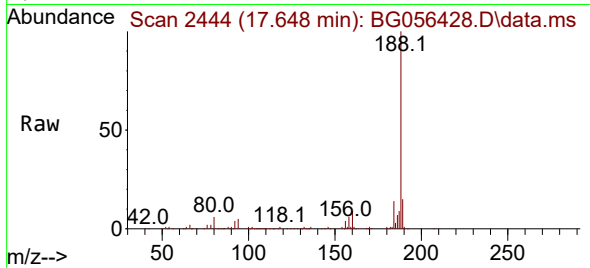




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

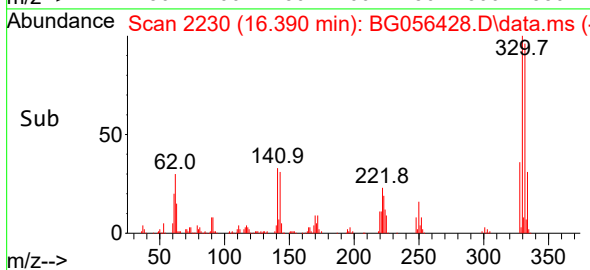
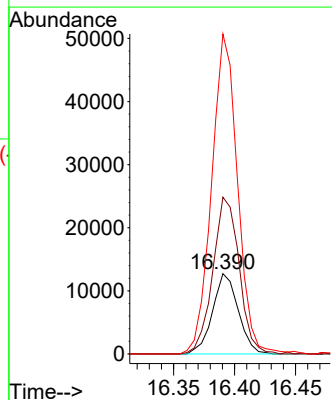
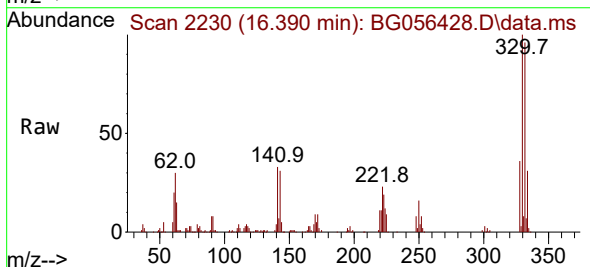
Instrument :
BNA_G
ClientSampleId :
TP-26

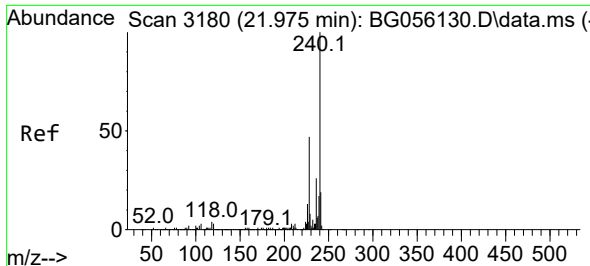
Tgt Ion:188 Resp: 299727
Ion Ratio Lower Upper
188 100
94 5.4 4.2 6.2
80 6.3 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 4.890 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.440 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:248 Resp: 18664
Ion Ratio Lower Upper
248 100
250 195.1 78.2 117.4#
141 398.0 37.6 56.4#

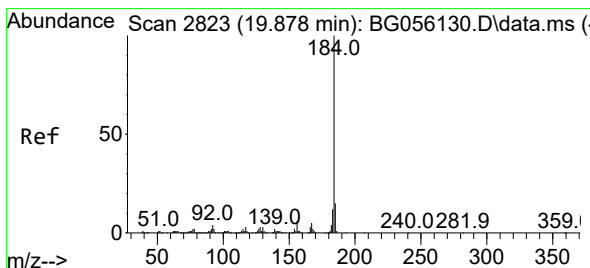
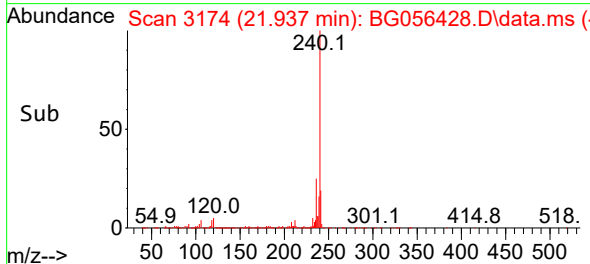
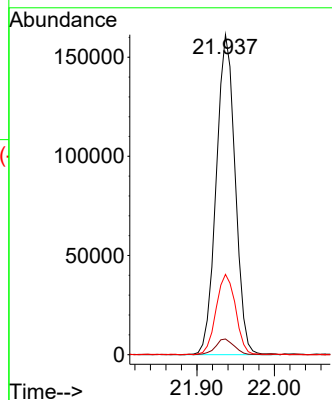
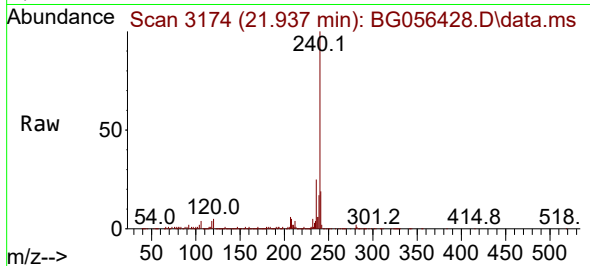




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

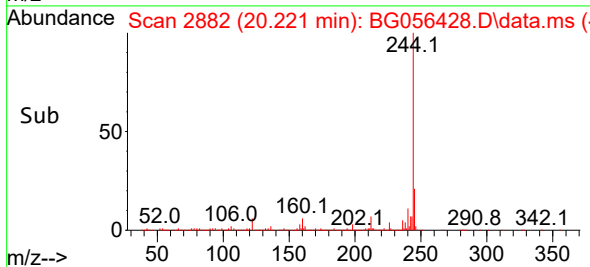
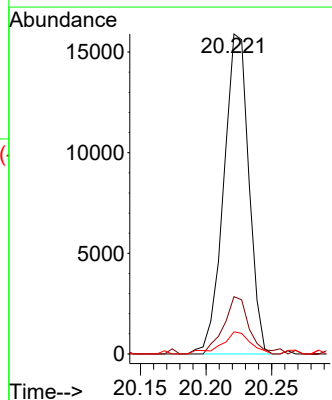
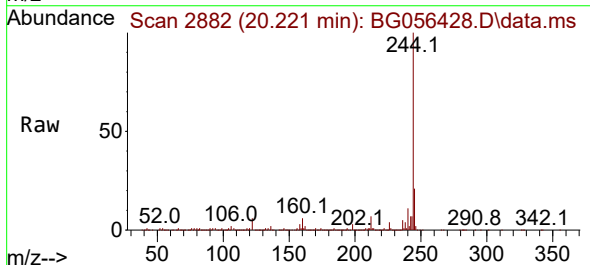
Instrument :
BNA_G
ClientSampleId :
TP-26

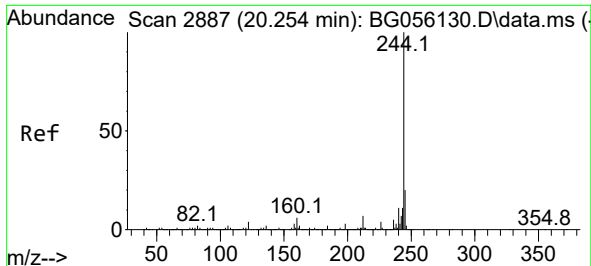
Tgt Ion:240 Resp: 273853
Ion Ratio Lower Upper
240 100
120 4.9 2.6 4.0#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 2.205 ng
RT: 20.221 min Scan# 2882
Delta R.T. 0.371 min
Lab File: BG056428.D
Acq: 25 Jan 2023 17:23

Tgt Ion:184 Resp: 21159
Ion Ratio Lower Upper
184 100
185 17.9 12.2 18.2
183 6.9 9.4 14.0#

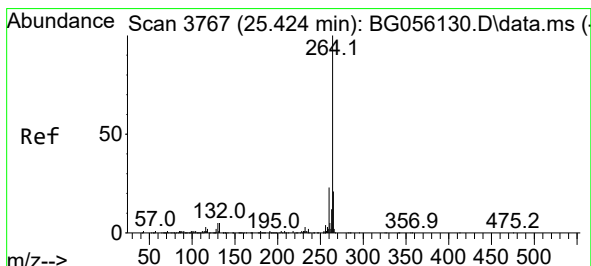
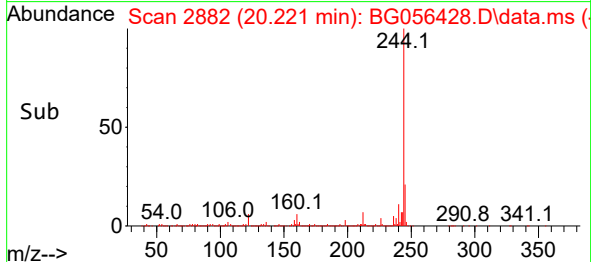
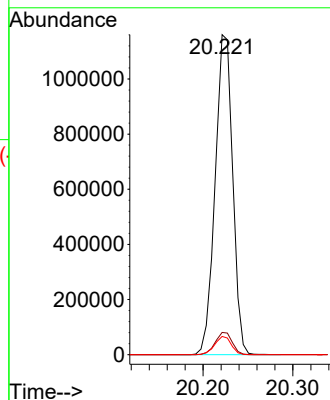
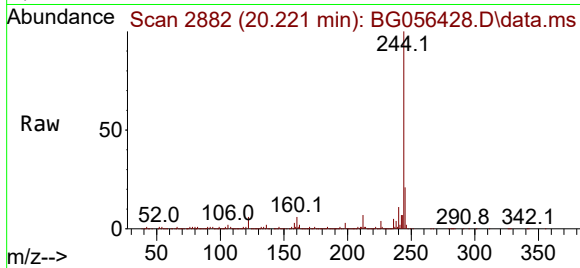




#79
 Terphenyl-d14
 Concen: 102.992 ng
 RT: 20.221 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Instrument :
 BNA_G
 ClientSampleId :
 TP-26

Tgt Ion:244 Resp: 1574755
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.7 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. 0.001 min
 Lab File: BG056428.D
 Acq: 25 Jan 2023 17:23

Tgt Ion:264 Resp: 298469
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 22.8 16.7 25.1

