

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056426.D
 Acq On : 25 Jan 2023 16:01
 Operator : CG/JU
 Sample : 01260-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-24

Quant Time: Jan 26 01:12:14 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)

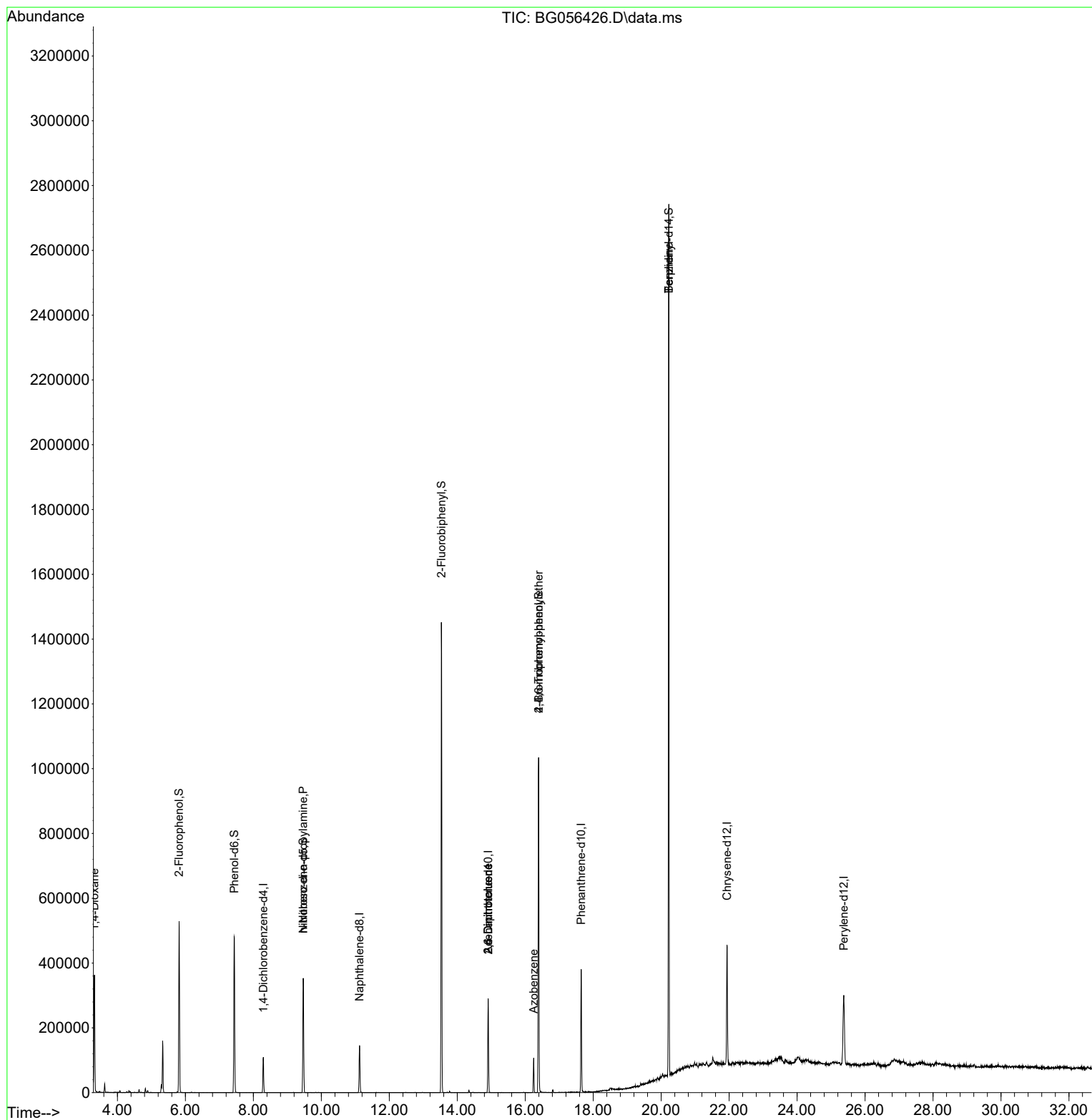
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	37089	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	139613	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	109558	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	261283	20.000	ng	0.00
76) Chrysene-d12	21.936	240	245076	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	270087	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	305435	147.039	ng	0.00
7) Phenol-d6	7.442	99	381735	119.664	ng	0.00
23) Nitrobenzene-d5	9.469	82	250978	91.954	ng	0.00
42) 2,4,6-Tribromophenol	16.396	330	223675	161.203	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	831523	104.807	ng	0.00
79) Terphenyl-d14	20.227	244	1488892	108.810	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.323	88	4853	5.115	ng	# 1
19) n-Nitroso-di-n-propyla...	9.469	70	30685	15.818	ng	# 74
51) 2,6-Dinitrotoluene	14.909	165	14300	7.588	ng	# 31
57) 2,4-Dinitrotoluene	14.909	165	14300	5.426	ng	# 28
63) Azobenzene	16.249	77	26687	4.170	ng	# 1
67) 4-Bromophenyl-phenylether	16.396	248	17644	5.303	ng	# 1
77) Benzidine	20.227	184	20086	2.339	ng	# 93

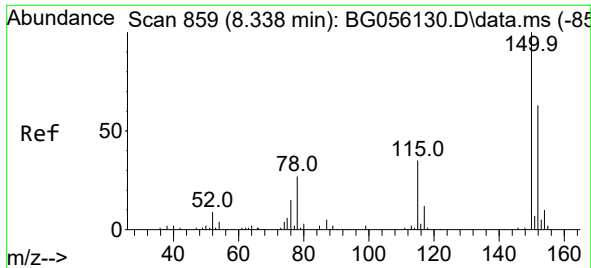
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
Data File : BG056426.D
Acq On : 25 Jan 2023 16:01
Operator : CG/JU
Sample : 01260-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-24

Quant Time: Jan 26 01:12:14 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

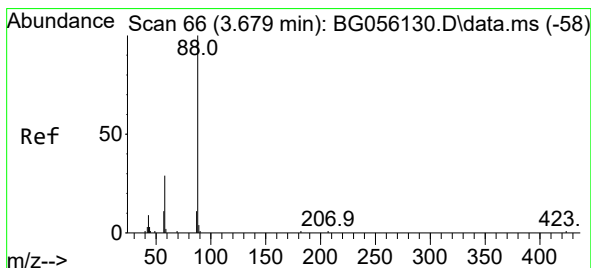
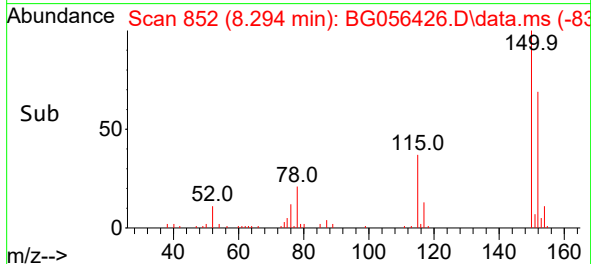
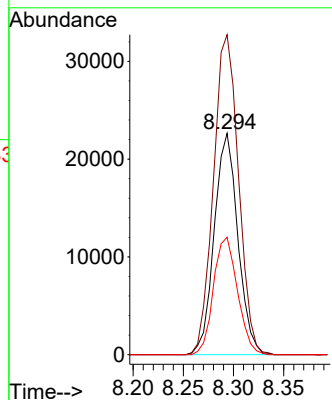
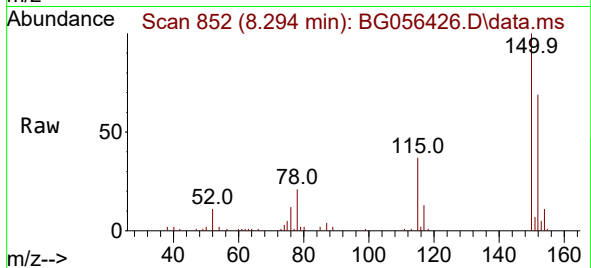




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.294 min Scan# 8
 Delta R.T. 0.001 min
 Lab File: BG056426.D
 Acq: 25 Jan 2023 16:01

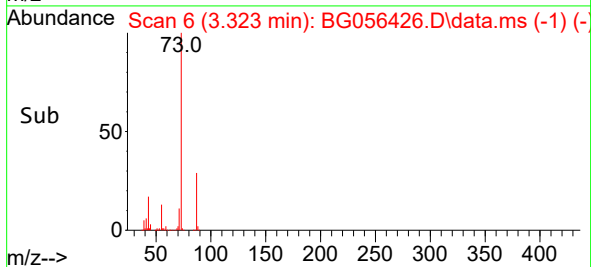
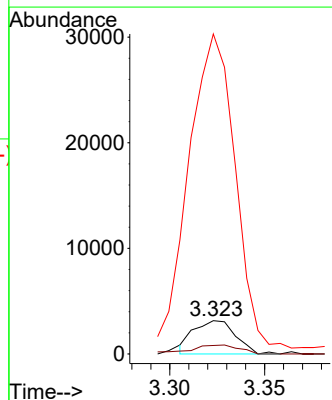
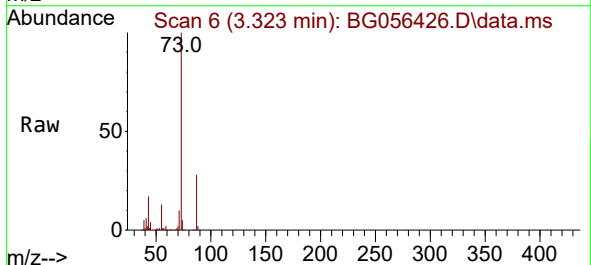
Instrument :
 BNA_G
 ClientSampleId :
 TP-24

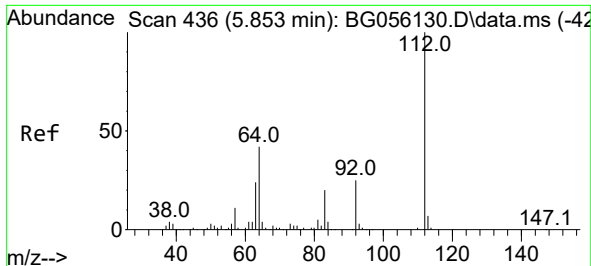
Tgt Ion:152 Resp: 37089
 Ion Ratio Lower Upper
 152 100
 150 144.7 127.9 191.9
 115 53.1 44.2 66.2



#2
 1,4-Dioxane
 Concen: 5.115 ng
 RT: 3.323 min Scan# 6
 Delta R.T. -0.293 min
 Lab File: BG056426.D
 Acq: 25 Jan 2023 16:01

Tgt Ion: 88 Resp: 4853
 Ion Ratio Lower Upper
 88 100
 58 26.9 21.4 32.0
 43 927.1 7.1 10.7#

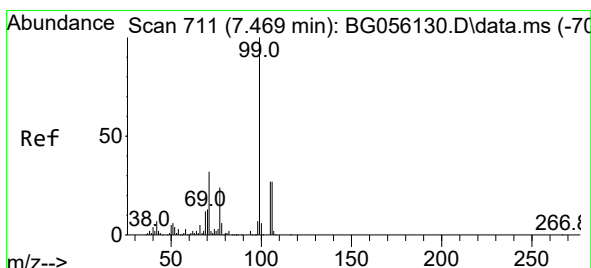
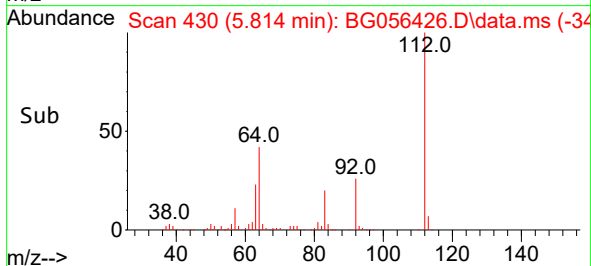
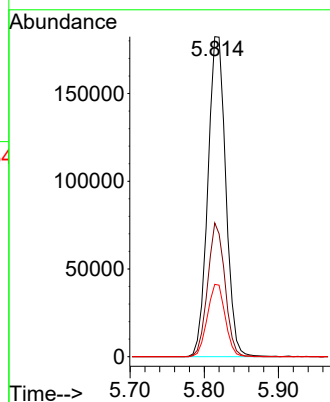
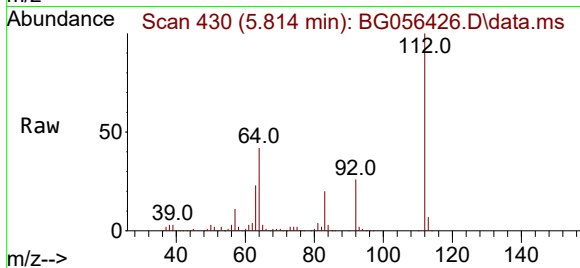




#5
2-Fluorophenol
Concen: 147.039 ng
RT: 5.814 min Scan# 41
Delta R.T. 0.000 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

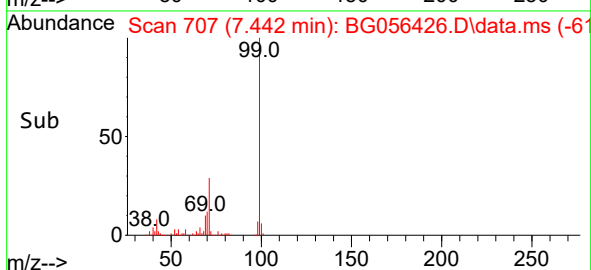
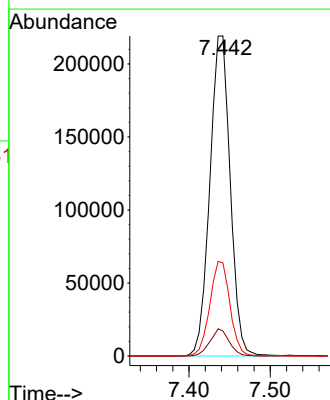
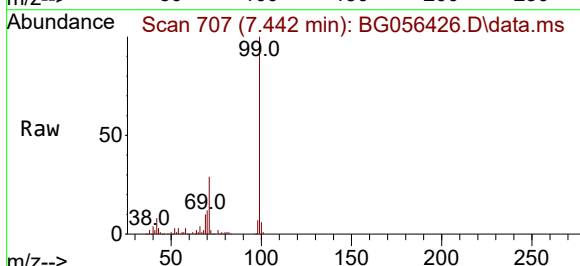
Instrument :
BNA_G
ClientSampleId :
TP-24

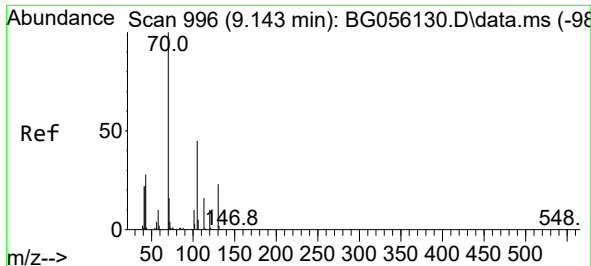
Tgt Ion:112 Resp: 305435
Ion Ratio Lower Upper
112 100
64 41.8 33.3 49.9
63 22.6 19.0 28.4



#7
Phenol-d6
Concen: 119.664 ng
RT: 7.442 min Scan# 707
Delta R.T. 0.006 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion: 99 Resp: 381735
Ion Ratio Lower Upper
99 100
42 7.8 5.9 8.9
71 29.1 25.4 38.2

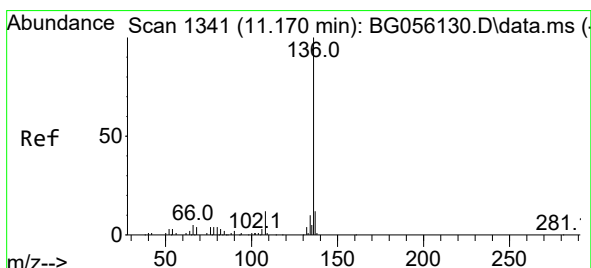
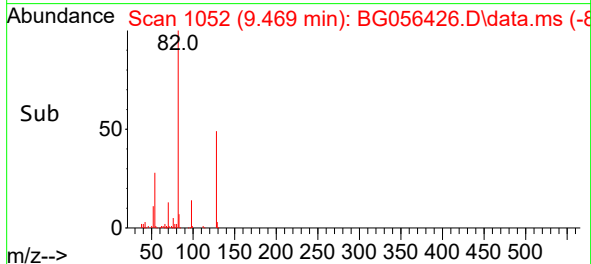
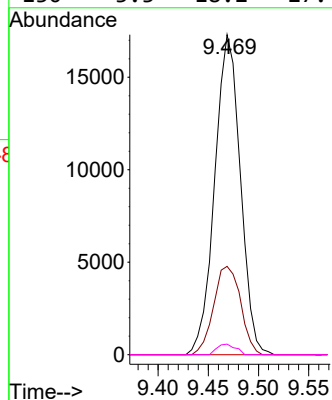
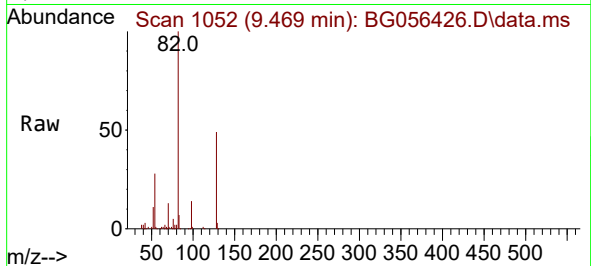




#19
n-Nitroso-di-n-propylamine
Concen: 15.818 ng
RT: 9.469 min Scan# 1052
Delta R.T. 0.371 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

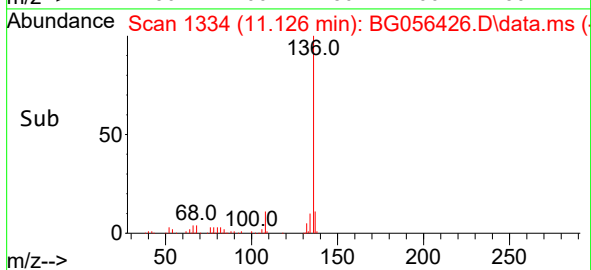
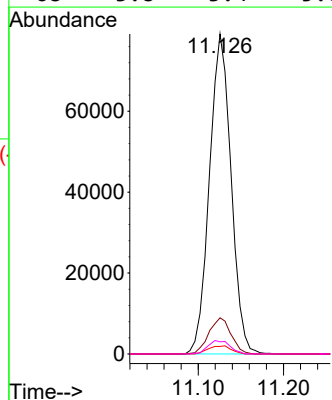
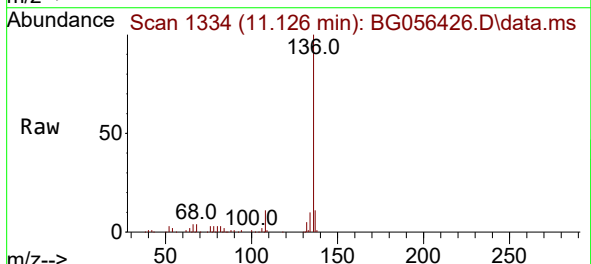
Instrument :
BNA_G
ClientSampleId :
TP-24

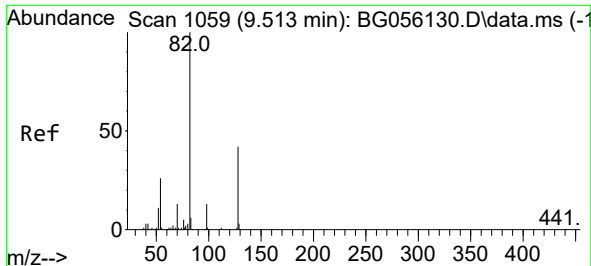
Tgt Ion:	70	Resp:	30685
Ion	Ratio	Lower	Upper
70	100		
42	27.6	18.2	27.2#
101	0.0	8.3	12.5#
130	3.3	18.2	27.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:	136	Resp:	139613
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.4	14.0
54	2.3	2.2	3.2
68	3.8	3.4	5.0

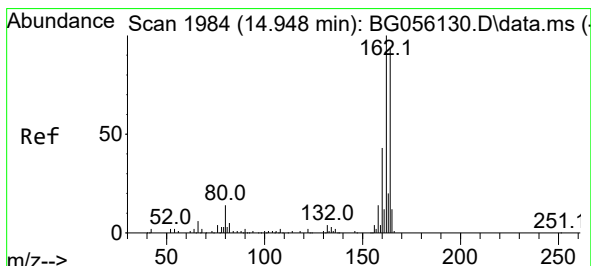
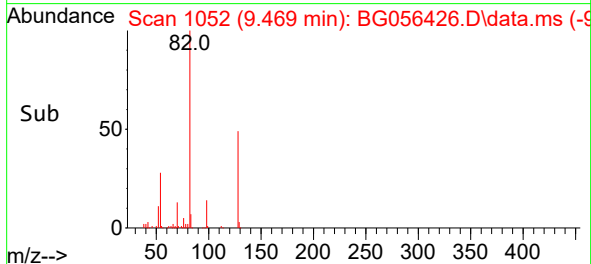
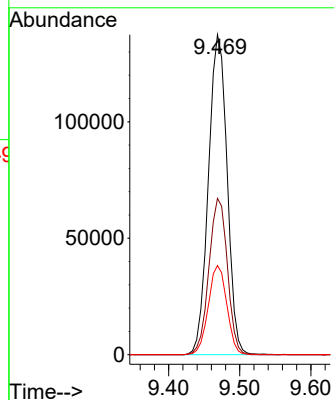
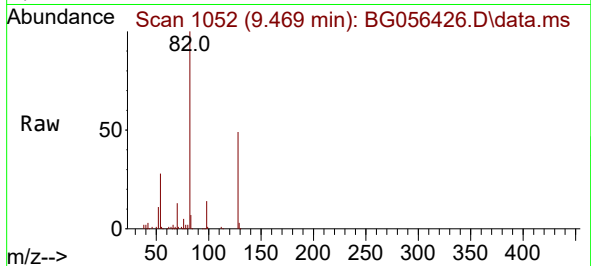




#23
Nitrobenzene-d5
Concen: 91.954 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

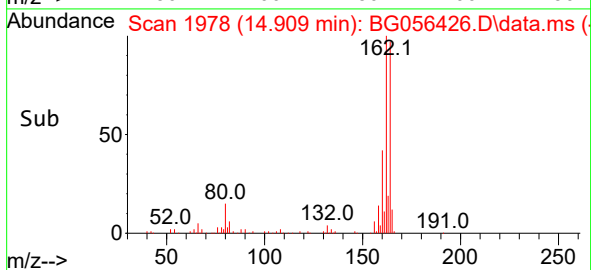
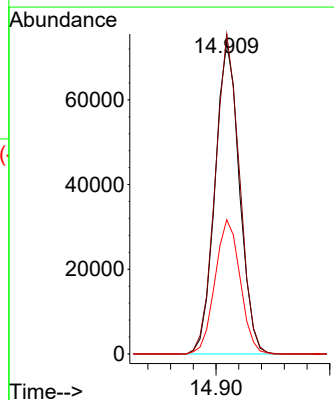
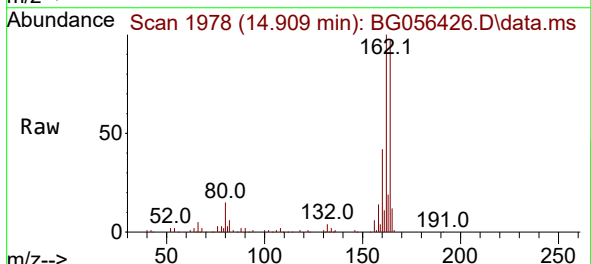
Instrument :
BNA_G
ClientSampleId :
TP-24

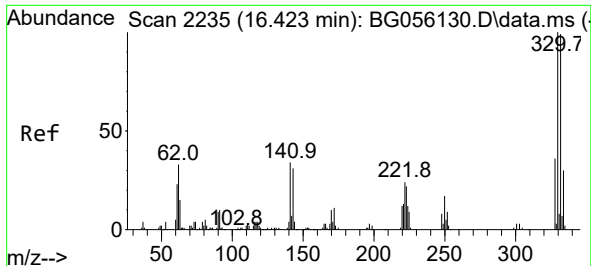
Tgt Ion: 82 Resp: 250978
Ion Ratio Lower Upper
82 100
128 48.8 33.4 50.2
54 27.9 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:164 Resp: 109558
Ion Ratio Lower Upper
164 100
162 102.8 84.7 127.1
160 43.1 36.3 54.5

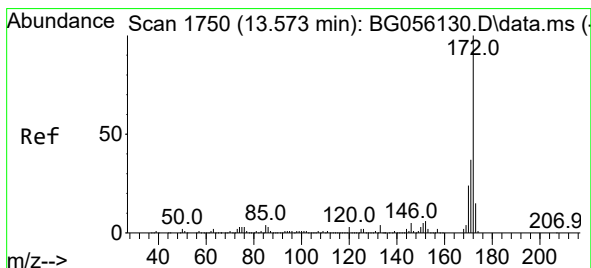
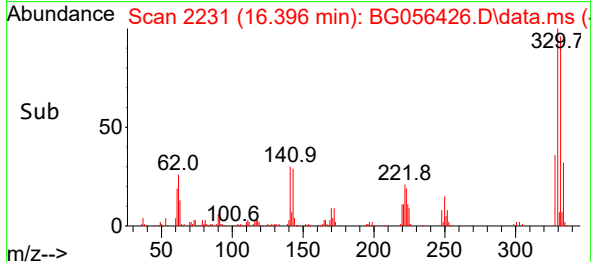
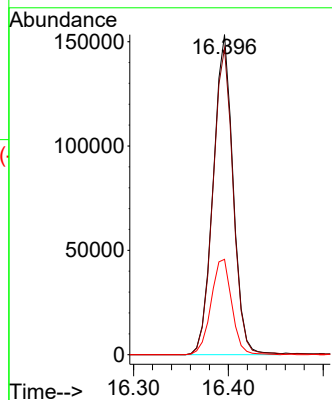
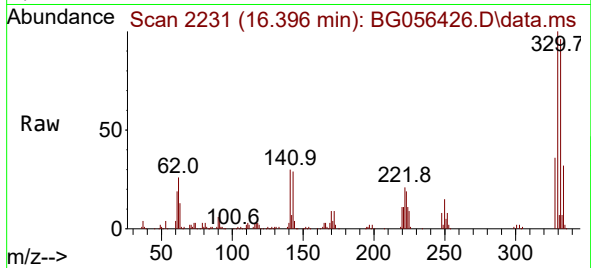




#42
 2,4,6-Tribromophenol
 Concen: 161.203 ng
 RT: 16.396 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056426.D
 Acq: 25 Jan 2023 16:01

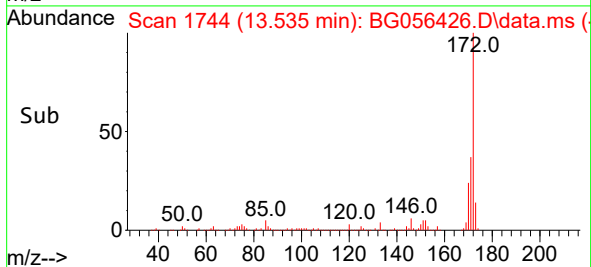
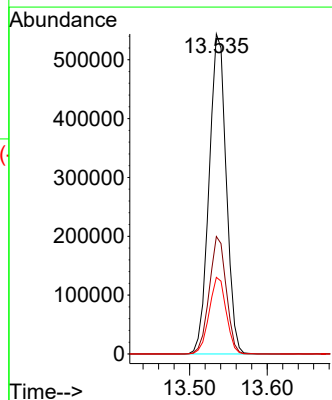
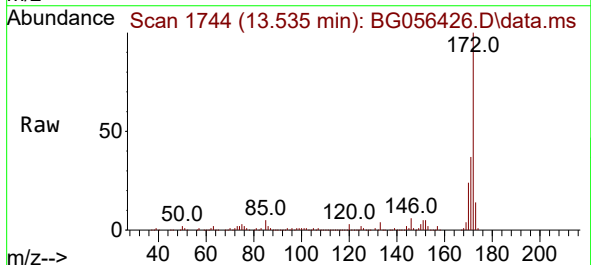
Instrument :
 BNA_G
 ClientSampleId :
 TP-24

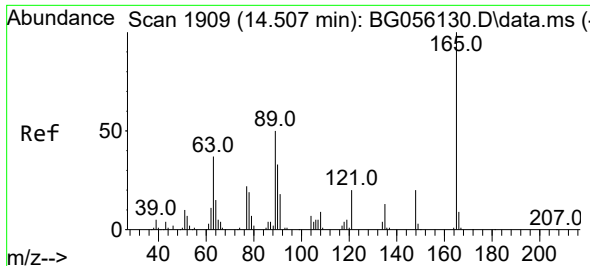
Tgt Ion:330 Resp: 223675
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.3 115.9
 141 31.0 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 104.807 ng
 RT: 13.535 min Scan# 1744
 Delta R.T. -0.005 min
 Lab File: BG056426.D
 Acq: 25 Jan 2023 16:01

Tgt Ion:172 Resp: 831523
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.9 19.4 29.2

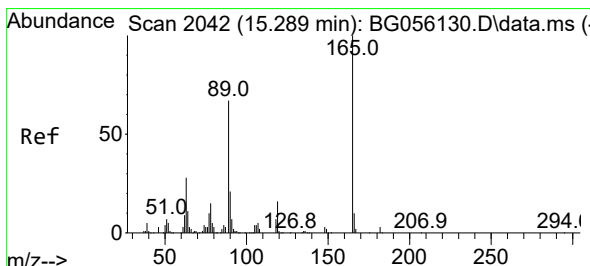
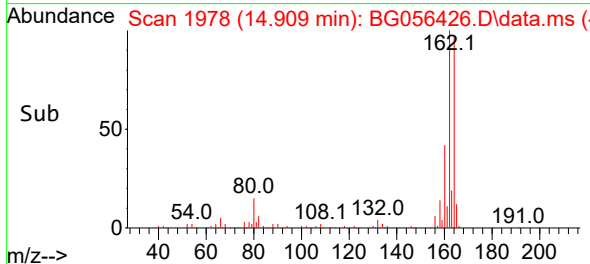
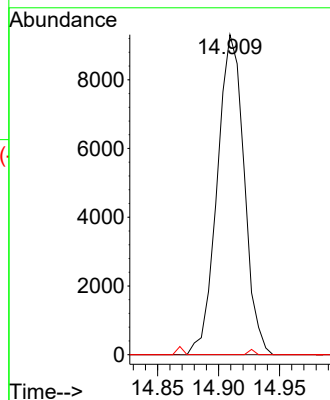
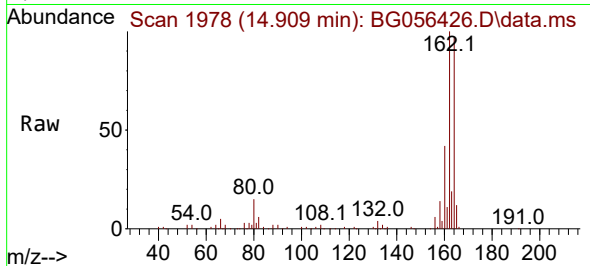




#51
2,6-Dinitrotoluene
Concen: 7.588 ng
RT: 14.909 min Scan# 1909
Delta R.T. 0.429 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

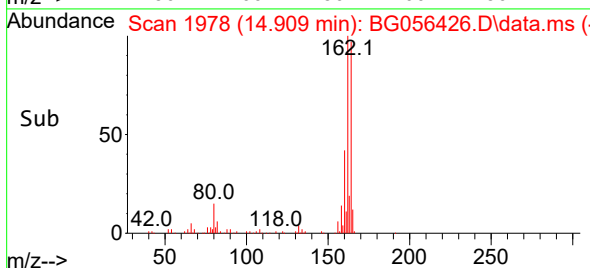
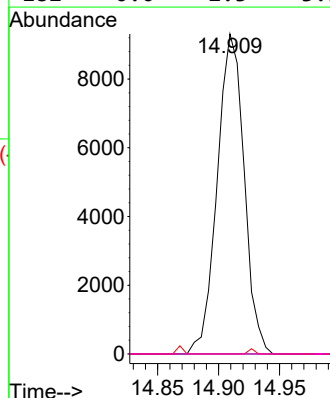
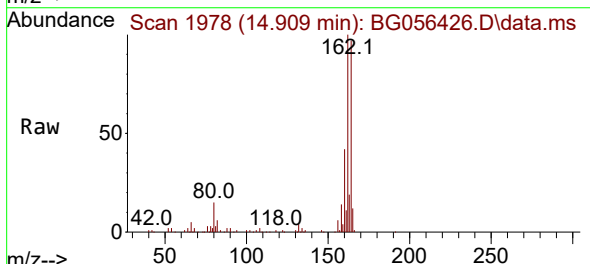
Instrument :
BNA_G
ClientSampleId :
TP-24

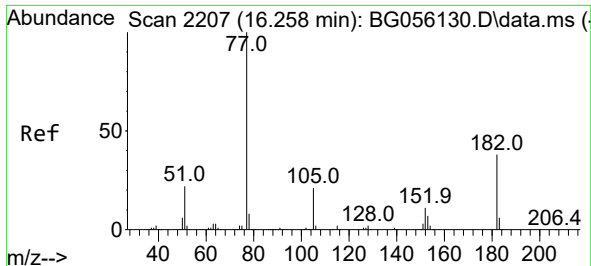
Tgt Ion:165 Resp: 14300
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.426 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.358 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:165 Resp: 14300
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#

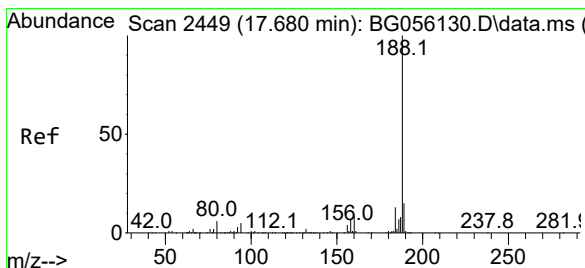
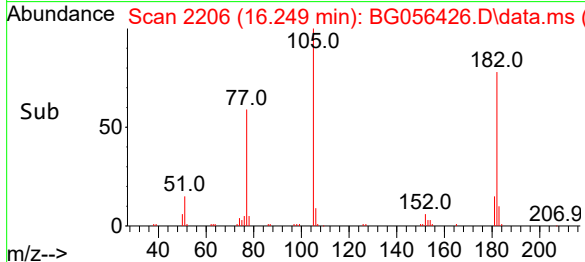
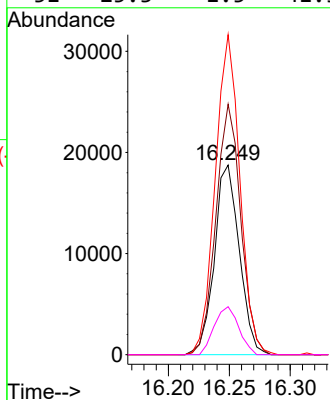
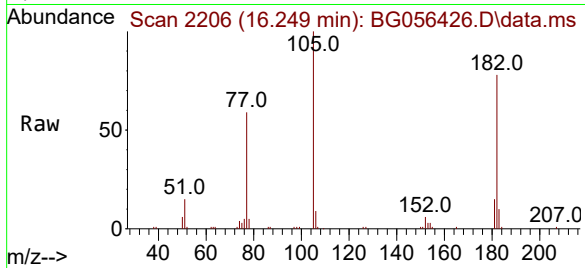




#63
Azobenzene
Concen: 4.170 ng
RT: 16.249 min Scan# 21
Delta R.T. 0.018 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

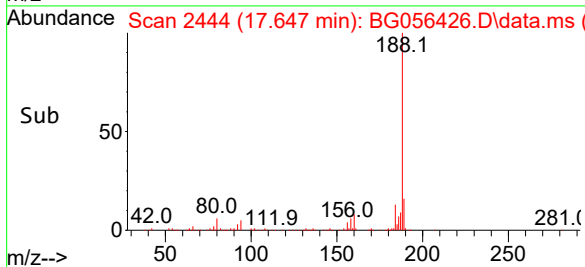
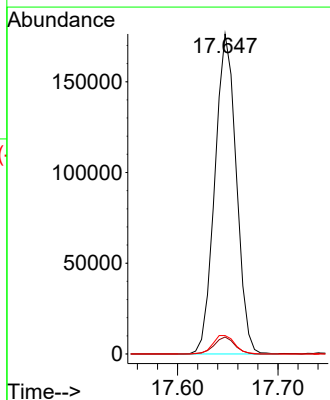
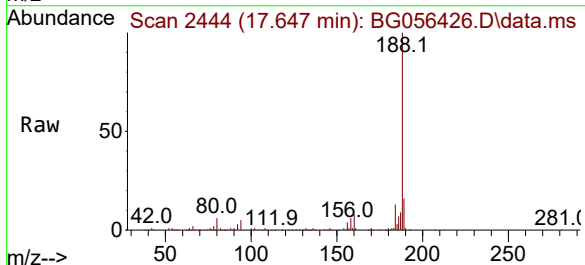
Instrument :
BNA_G
ClientSampleId :
TP-24

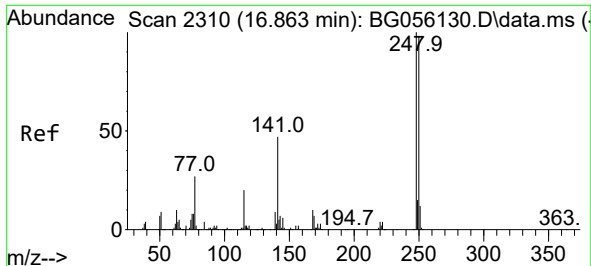
Tgt Ion: 77 Resp: 26687
Ion Ratio Lower Upper
77 100
182 132.0 18.5 58.5#
105 168.7 1.4 41.4#
51 25.3 1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:188 Resp: 261283
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.7 5.0 7.4

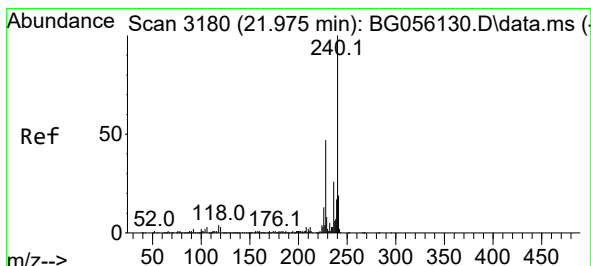
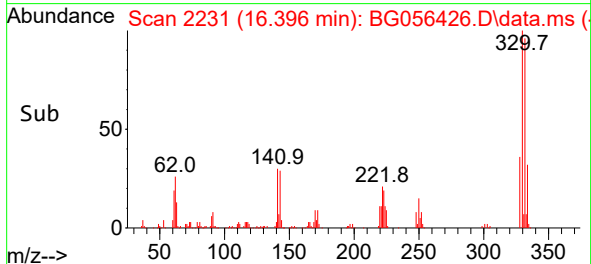
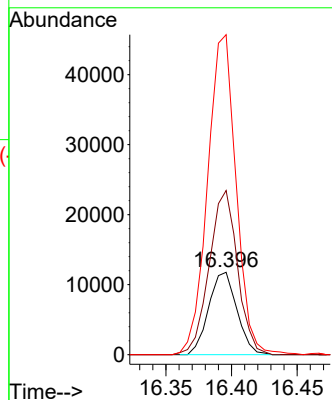
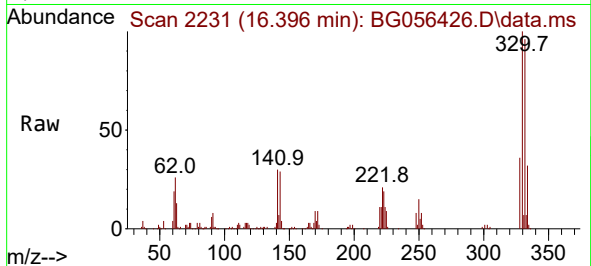




#67
4-Bromophenyl-phenylether
Concen: 5.303 ng
RT: 16.396 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

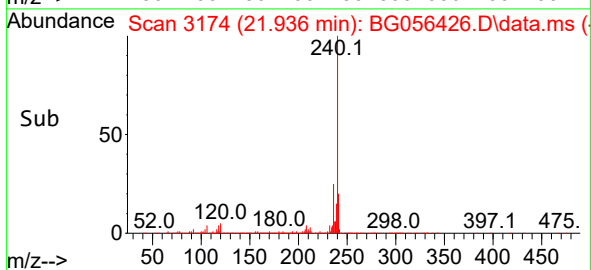
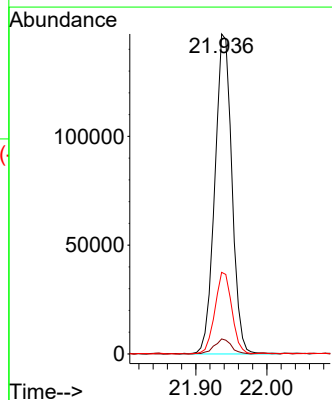
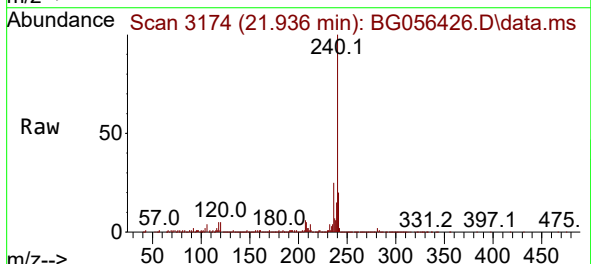
Instrument :
BNA_G
ClientSampleId :
TP-24

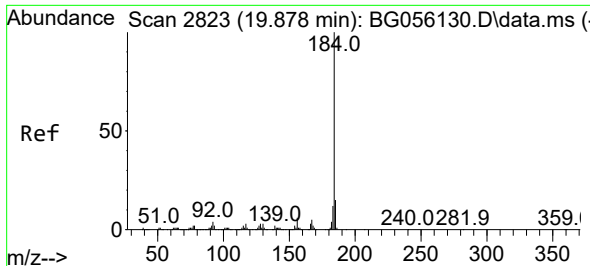
Tgt Ion:248 Resp: 17644
Ion Ratio Lower Upper
248 100
250 199.0 78.2 117.4#
141 388.0 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:240 Resp: 245076
Ion Ratio Lower Upper
240 100
120 4.7 2.6 4.0#
236 25.5 20.8 31.2

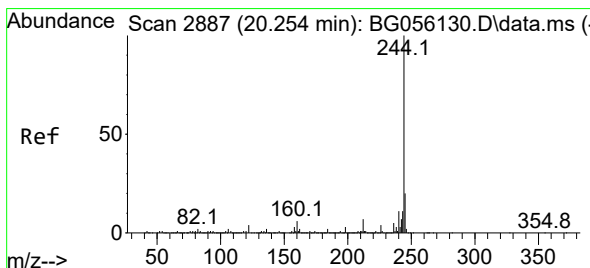
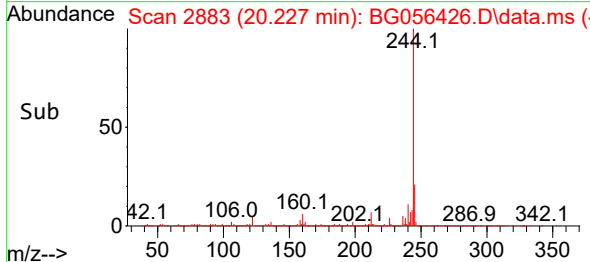
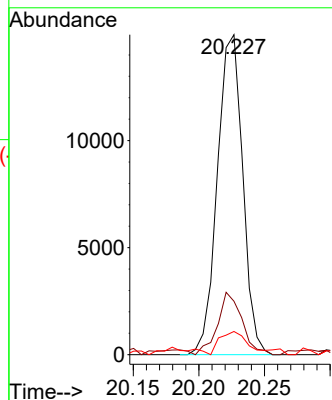
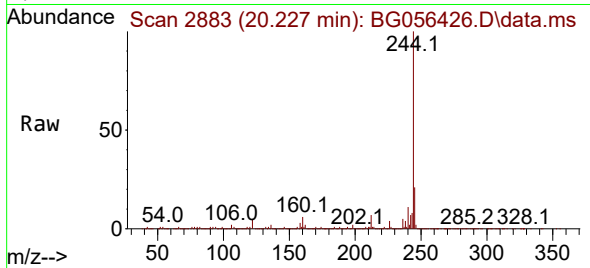




#77
Benzidine
Concen: 2.339 ng
RT: 20.227 min Scan# 2883
Delta R.T. 0.376 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

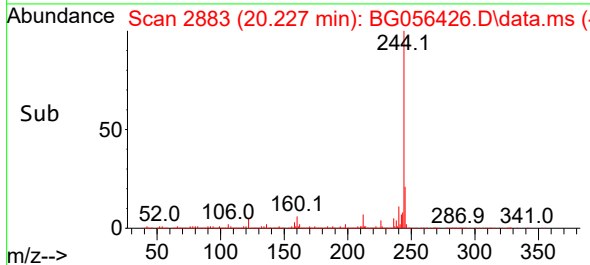
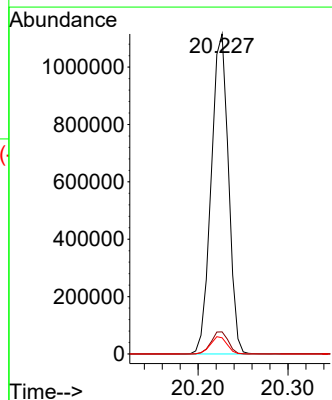
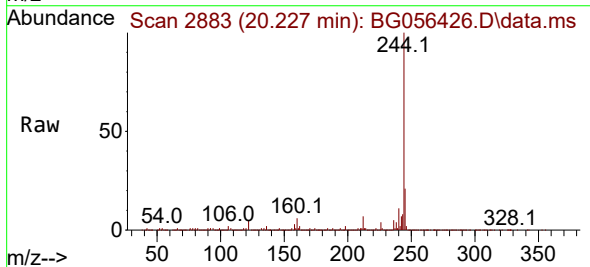
Instrument :
BNA_G
ClientSampleId :
TP-24

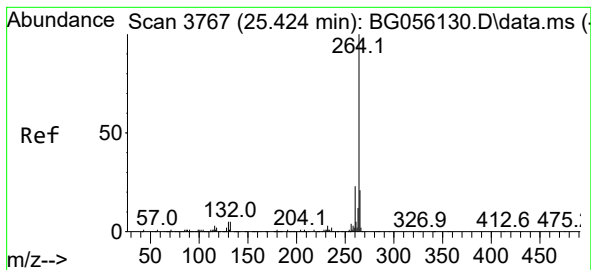
Tgt Ion:184 Resp: 20086
Ion Ratio Lower Upper
184 100
185 16.7 12.2 18.2
183 7.2 9.4 14.0#



#79
Terphenyl-d14
Concen: 108.810 ng
RT: 20.227 min Scan# 2883
Delta R.T. 0.000 min
Lab File: BG056426.D
Acq: 25 Jan 2023 16:01

Tgt Ion:244 Resp: 1488892
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 5.0 3.5 5.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.374 min Scan# 31

Delta R.T. 0.000 min

Lab File: BG056426.D

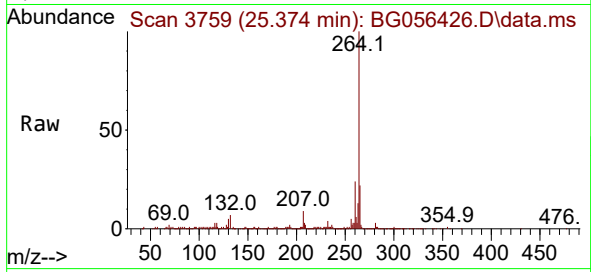
Acq: 25 Jan 2023 16:01

Instrument :

BNA_G

ClientSampleId :

TP-24



Tgt Ion:264 Resp: 270087

Ion Ratio Lower Upper

264 100

260 24.2 18.6 28.0

265 21.6 16.7 25.1

