

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056319.D
 Acq On : 17 Jan 2023 18:47
 Operator : CG/JU
 Sample : 01170-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-2-011623

Quant Time: Jan 18 02:41:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

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

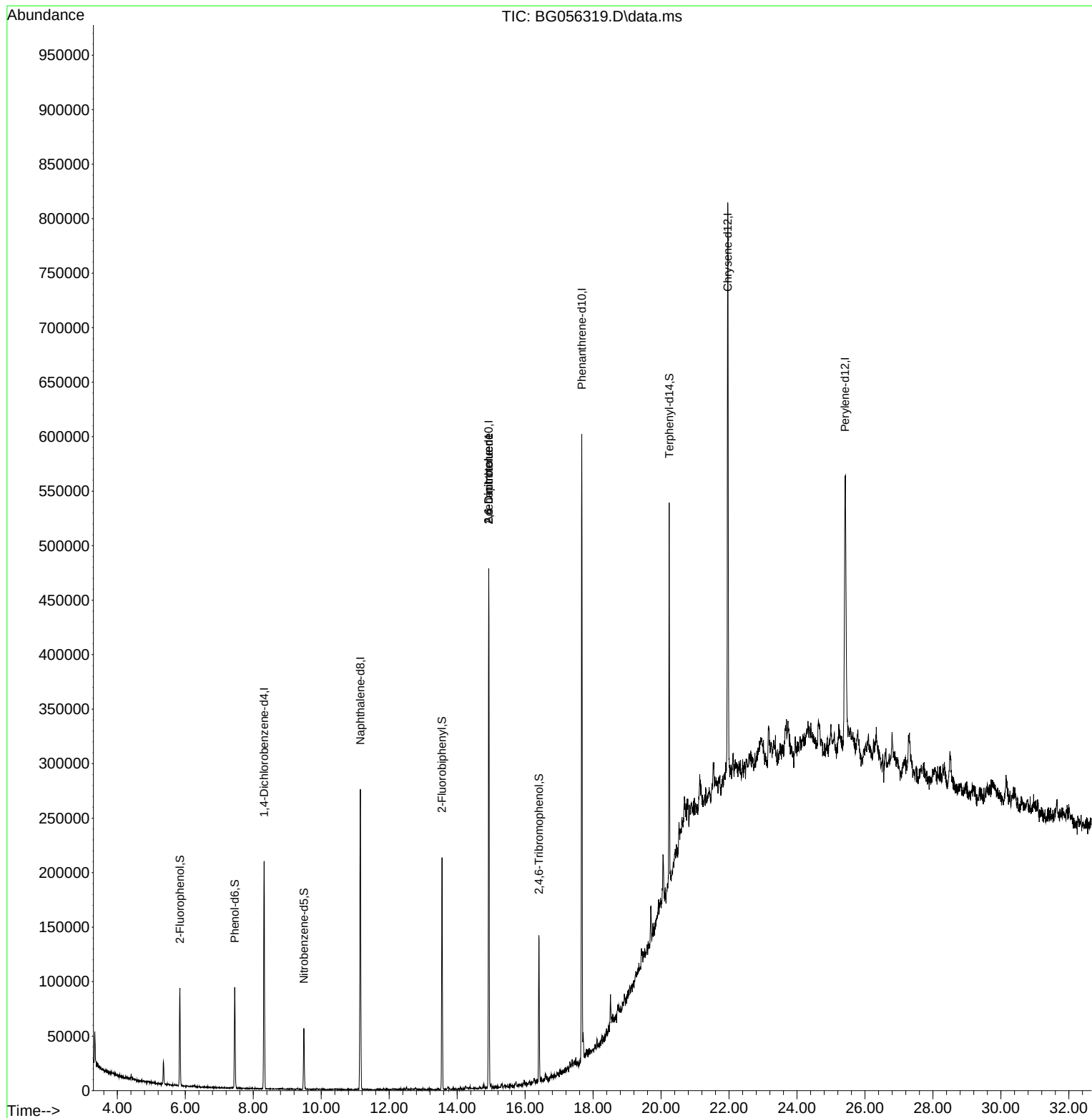
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	68322	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	250789	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	179234	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	399633	20.000	ng	0.00
76) Chrysene-d12	21.961	240	366527	20.000	ng	# 0.00
86) Perylene-d12	25.416	264	372778	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	51692	13.509	ng	0.01
7) Phenol-d6	7.454	99	74185	12.624	ng	0.00
23) Nitrobenzene-d5	9.487	82	41990	8.564	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	27231	11.996	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	121029	9.325	ng	0.00
79) Terphenyl-d14	20.239	244	189678	9.269	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.928	165	23098	7.492	ng	# 33
57) 2,4-Dinitrotoluene	14.928	165	23098	5.357	ng	# 30

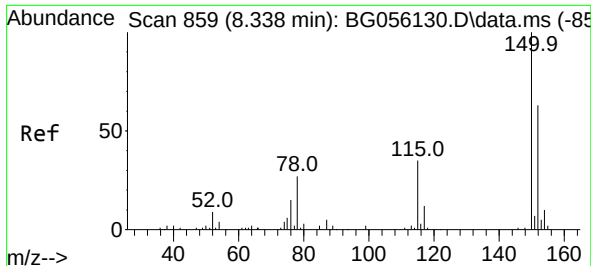
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
Data File : BG056319.D
Acq On : 17 Jan 2023 18:47
Operator : CG/JU
Sample : 01170-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
CL-2-011623

Quant Time: Jan 18 02:41:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 03:38:40 2023
Response via : Initial Calibration

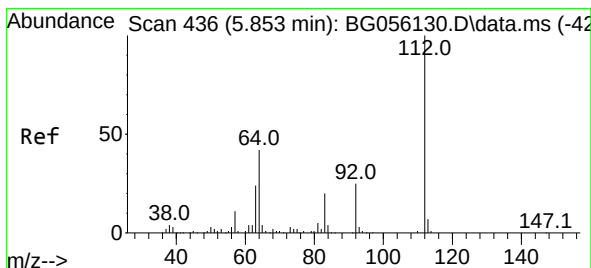
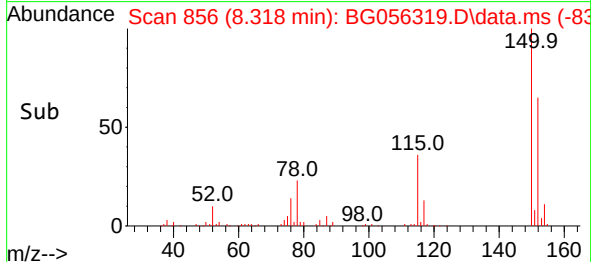
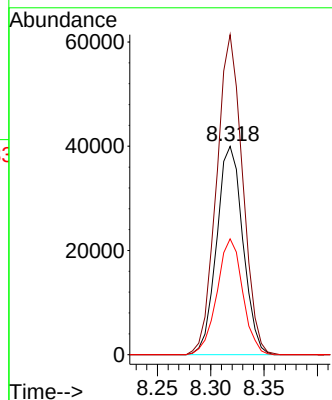
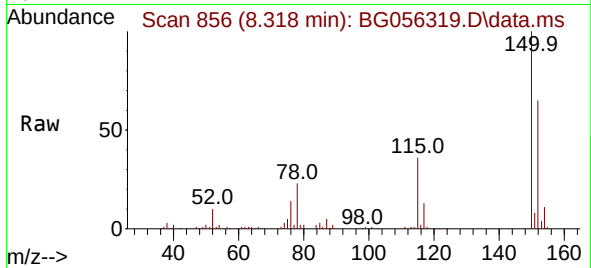




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 859
Delta R.T. 0.001 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

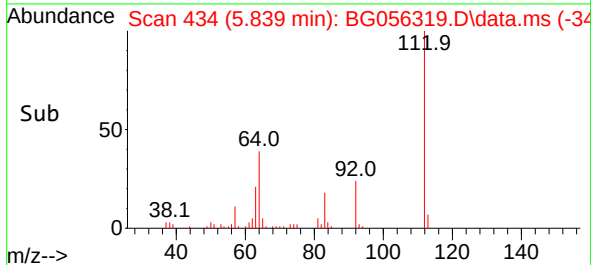
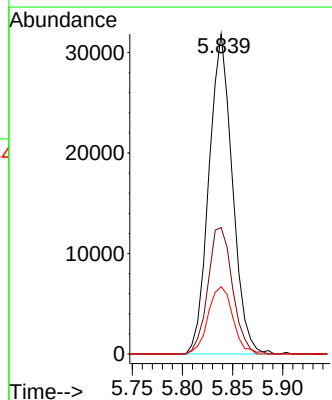
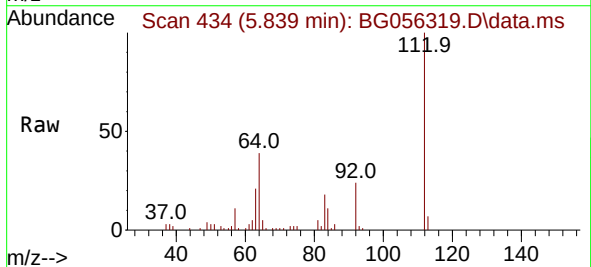
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

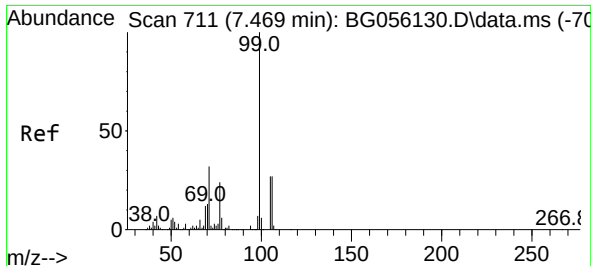
Tgt Ion:152 Resp: 68322
Ion Ratio Lower Upper
152 100
150 153.6 127.9 191.9
115 55.6 44.2 66.2



#5
2-Fluorophenol
Concen: 13.509 ng
RT: 5.839 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

Tgt Ion:112 Resp: 51692
Ion Ratio Lower Upper
112 100
64 39.5 33.3 49.9
63 21.0 19.0 28.4

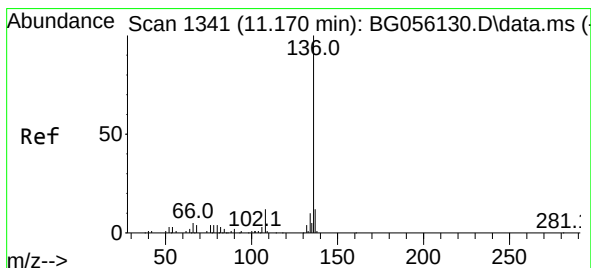
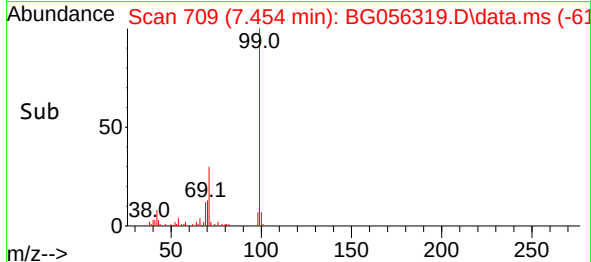
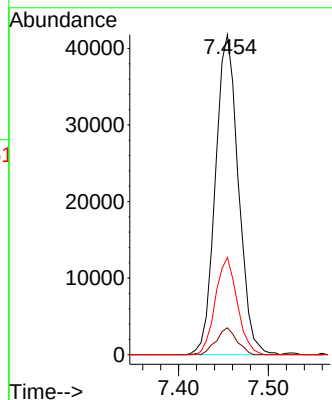
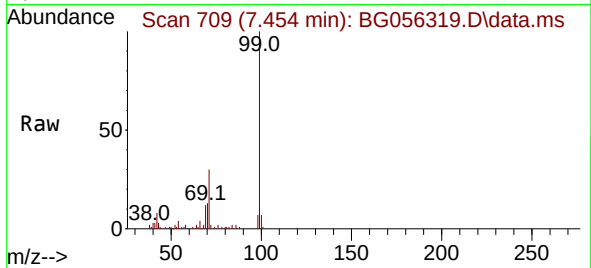




#7
Phenol-d6
Concen: 12.624 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

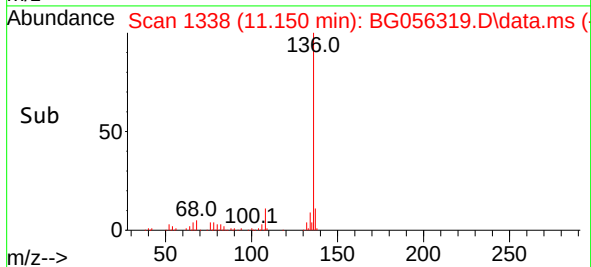
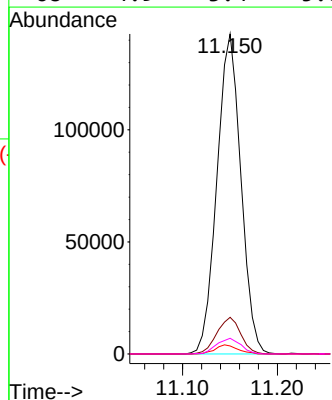
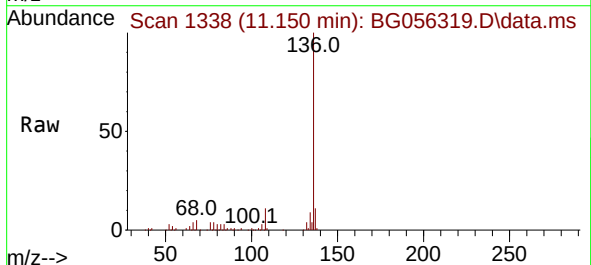
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

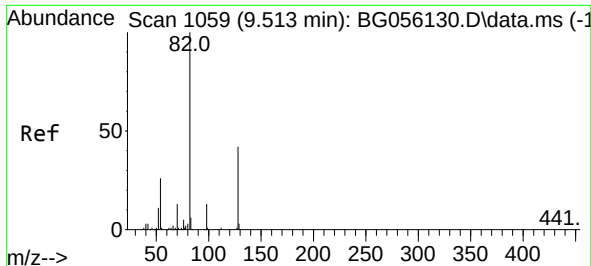
Tgt Ion: 99 Resp: 74185
Ion Ratio Lower Upper
99 100
42 8.4 5.9 8.9
71 30.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 1338
Delta R.T. 0.001 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

Tgt Ion: 136 Resp: 250789
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.5 2.2 3.2
68 4.9 3.4 5.0





#23

Nitrobenzene-d5

Concen: 8.564 ng

RT: 9.487 min Scan# 1055

Delta R.T. -0.005 min

Lab File: BG056319.D

Acq: 17 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

CL-2-011623

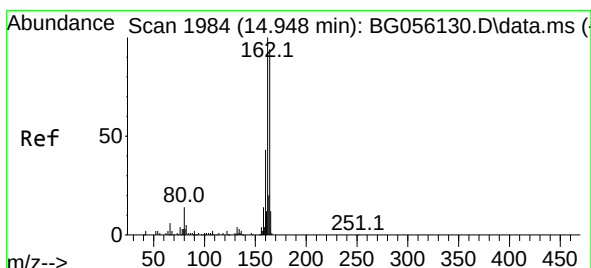
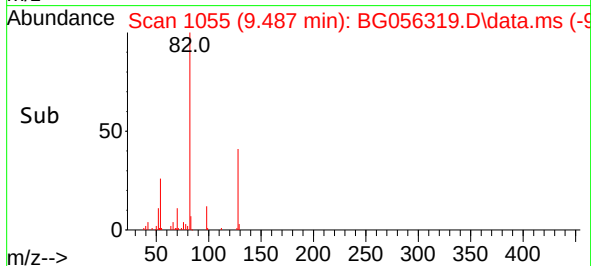
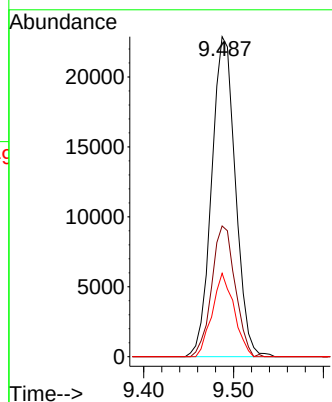
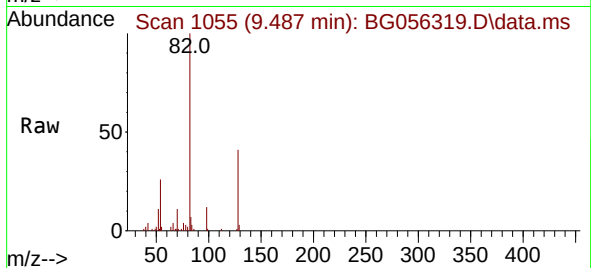
Tgt Ion: 82 Resp: 41990

Ion Ratio Lower Upper

82 100

128 40.8 33.4 50.2

54 26.1 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.928 min Scan# 1981

Delta R.T. 0.001 min

Lab File: BG056319.D

Acq: 17 Jan 2023 18:47

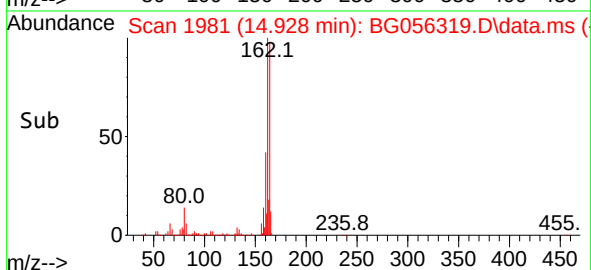
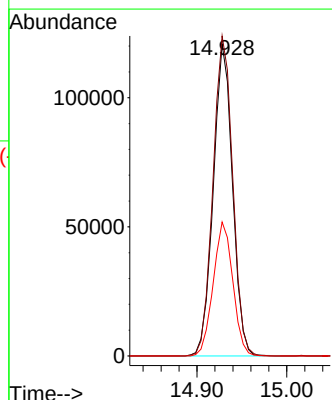
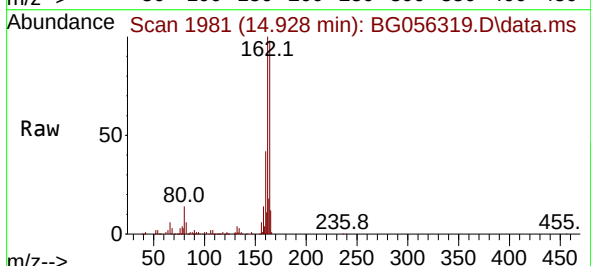
Tgt Ion:164 Resp: 179234

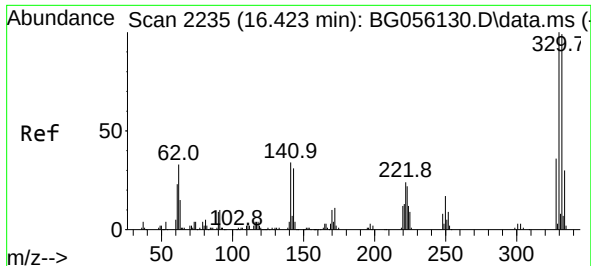
Ion Ratio Lower Upper

164 100

162 102.5 84.7 127.1

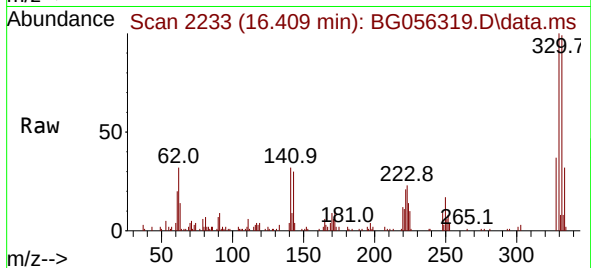
160 42.9 36.3 54.5



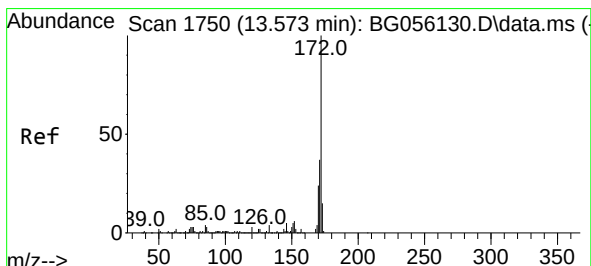
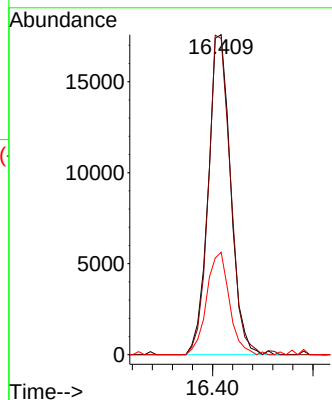
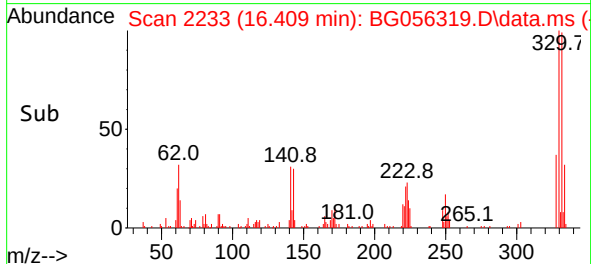


#42
2,4,6-Tribromophenol
Concen: 11.996 ng
RT: 16.409 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

Instrument :
BNA_G
ClientSampleId :
CL-2-011623

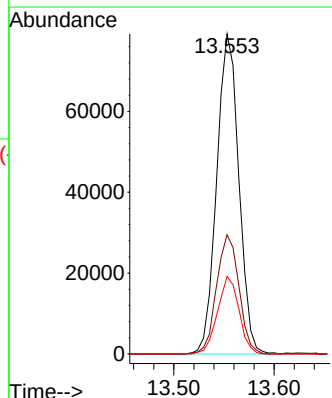
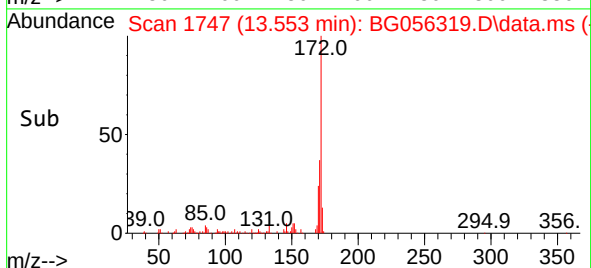
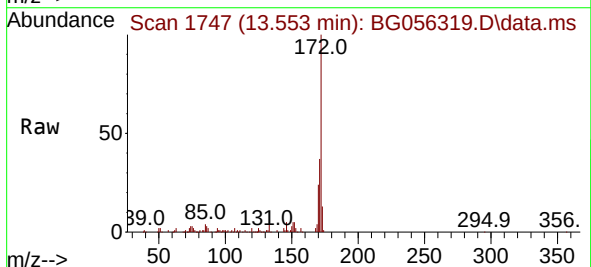


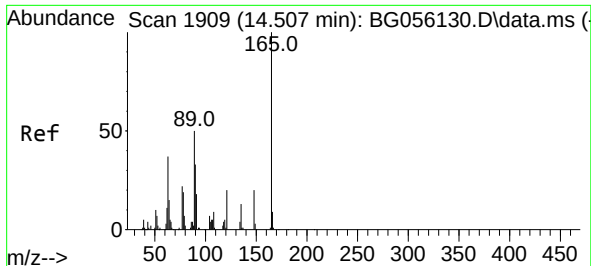
Tgt Ion:330 Resp: 27231
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 32.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 9.325 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

Tgt Ion:172 Resp: 121029
Ion Ratio Lower Upper
172 100
171 37.3 29.6 44.4
170 24.2 19.4 29.2

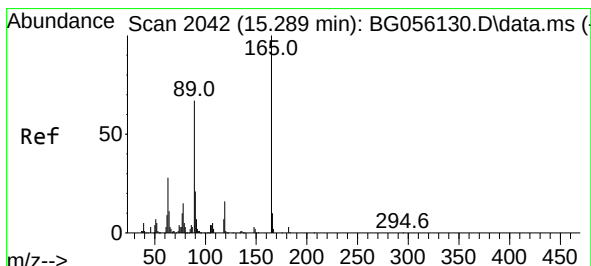
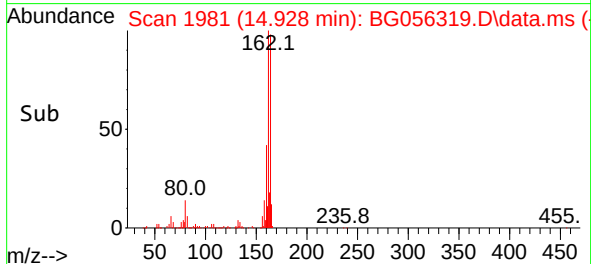
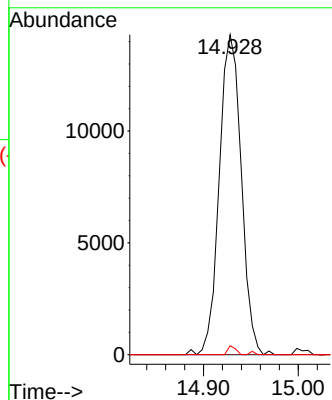
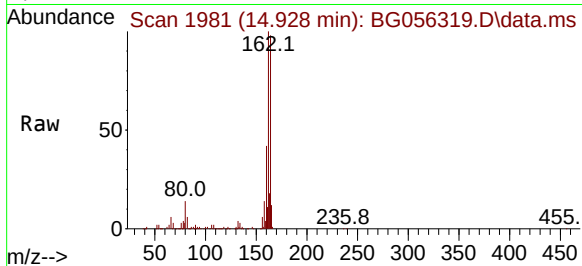




#51
2,6-Dinitrotoluene
Concen: 7.492 ng
RT: 14.928 min Scan# 1909
Delta R.T. 0.436 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

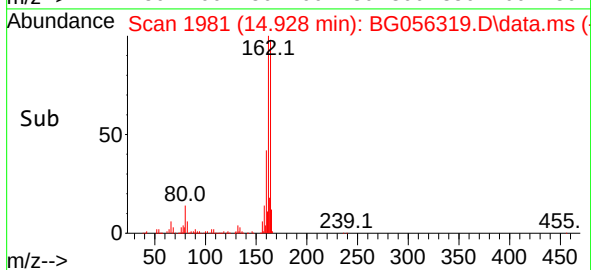
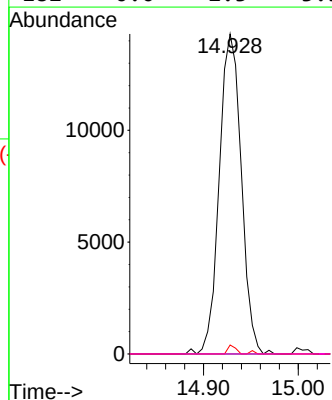
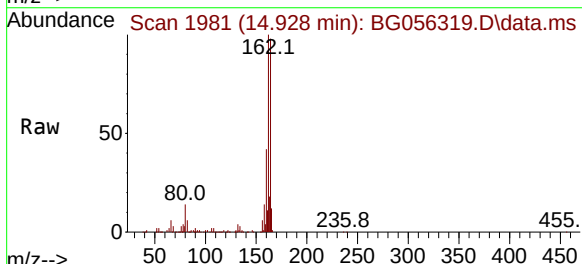
Instrument :
BNA_G
ClientSampleId :
CL-2-011623

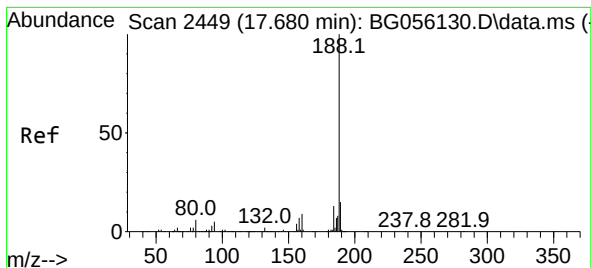
Tgt Ion:165 Resp: 23098
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.8 39.8 59.8#



#57
2,4-Dinitrotoluene
Concen: 5.357 ng
RT: 14.928 min Scan# 1981
Delta R.T. -0.345 min
Lab File: BG056319.D
Acq: 17 Jan 2023 18:47

Tgt Ion:165 Resp: 23098
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 2.8 53.2 79.8#
182 0.0 2.3 3.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.666 min Scan# 2447

Delta R.T. 0.001 min

Lab File: BG056319.D

Acq: 17 Jan 2023 18:47

Instrument :

BNA_G

ClientSampleId :

CL-2-011623

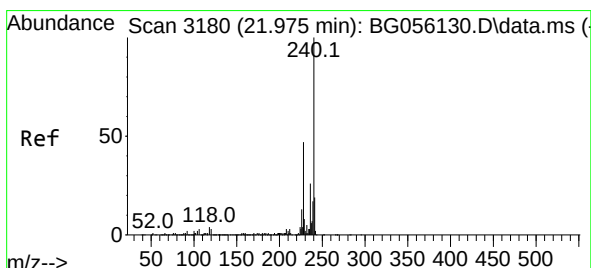
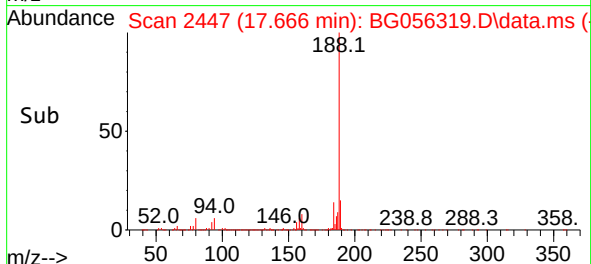
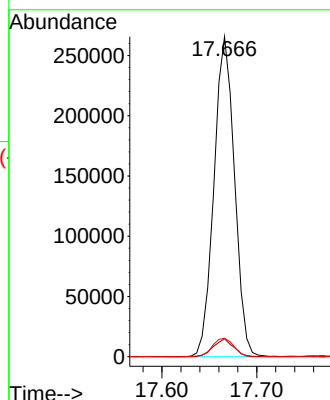
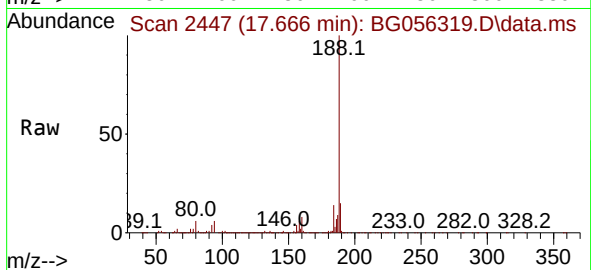
Tgt Ion:188 Resp: 399633

Ion Ratio Lower Upper

188 100

94 5.7 4.2 6.2

80 5.8 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.961 min Scan# 3178

Delta R.T. 0.001 min

Lab File: BG056319.D

Acq: 17 Jan 2023 18:47

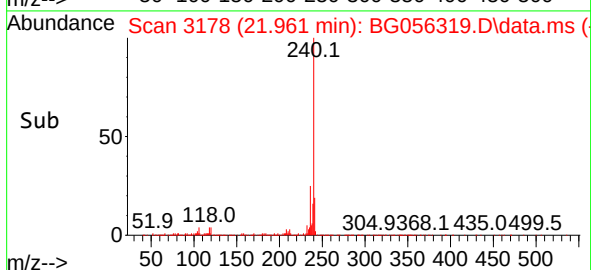
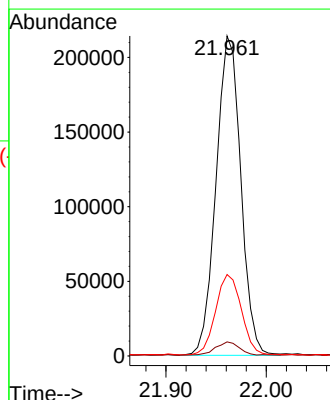
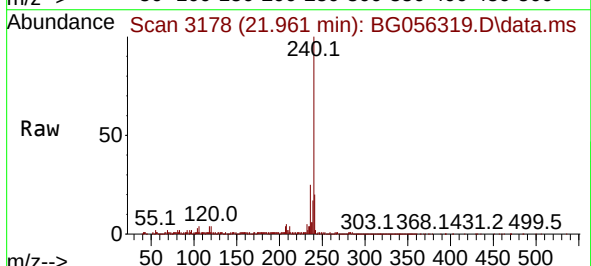
Tgt Ion:240 Resp: 366527

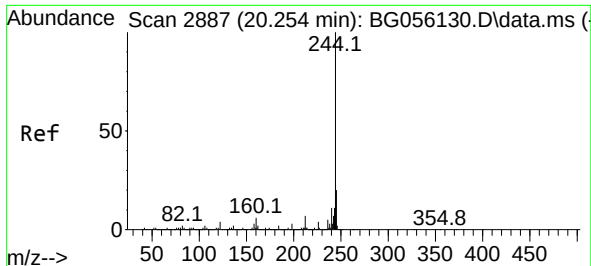
Ion Ratio Lower Upper

240 100

120 4.4 2.6 4.0#

236 25.5 20.8 31.2

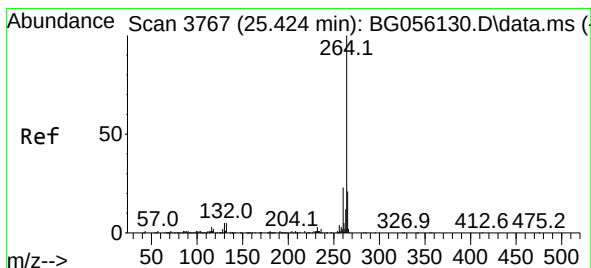
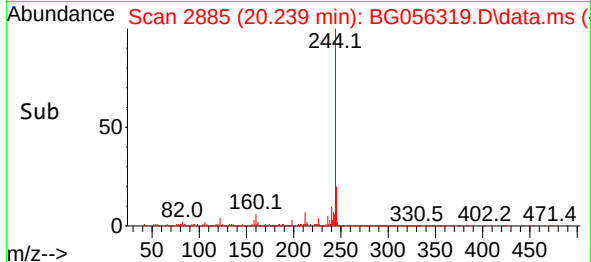
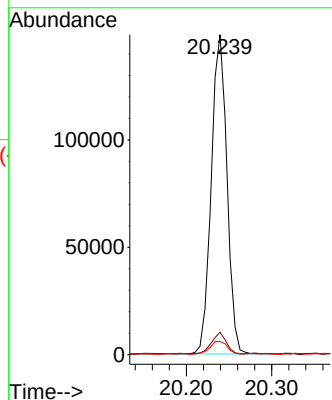
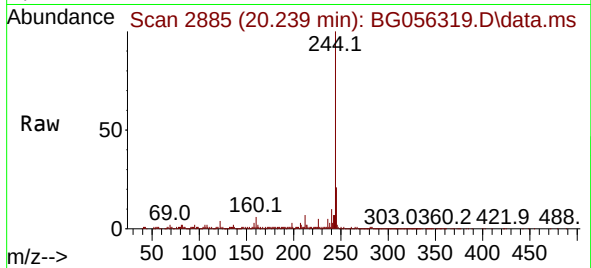




#79
 Terphenyl-d14
 Concen: 9.269 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056319.D
 Acq: 17 Jan 2023 18:47

Instrument :
 BNA_G
 ClientSampleId :
 CL-2-011623

Tgt Ion:244 Resp: 189678
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.416 min Scan# 3766
 Delta R.T. 0.013 min
 Lab File: BG056319.D
 Acq: 17 Jan 2023 18:47

Tgt Ion:264 Resp: 372778
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 22.2 16.7 25.1

