

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011123\
 Data File : BG056259.D
 Acq On : 11 Jan 2023 20:46
 Operator : CG/JU
 Sample : 01073-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1524

Quant Time: Jan 12 04:23:27 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)

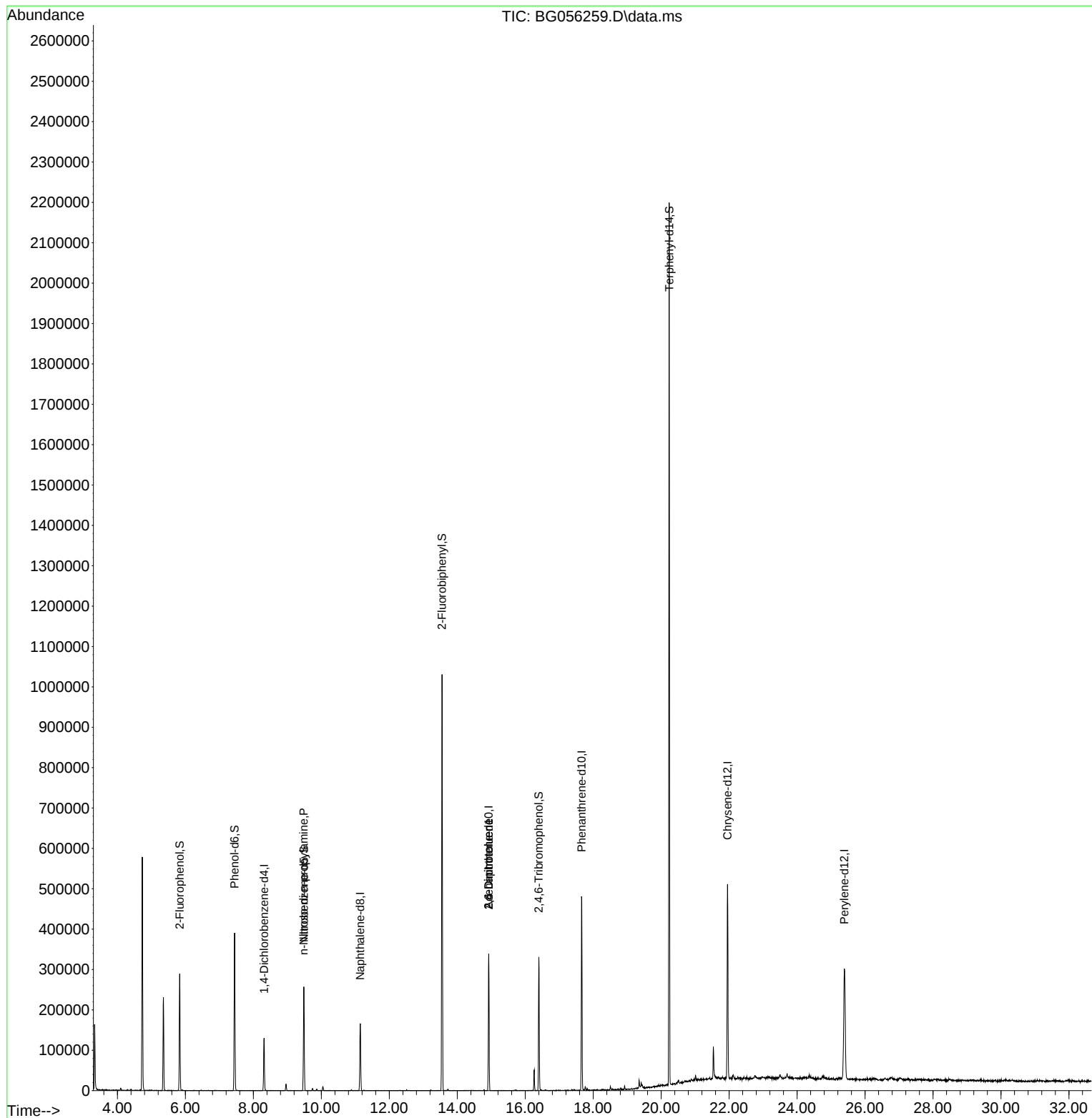
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	42750	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	156025	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	130438	20.000	ng	0.00
64) Phenanthrene-d10	17.659	188	339982	20.000	ng	0.00
76) Chrysene-d12	21.954	240	331174	20.000	ng	# 0.00
86) Perylene-d12	25.391	264	363339	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.831	112	157571	65.811	ng	0.00
7) Phenol-d6	7.447	99	295953	80.489	ng	0.00
23) Nitrobenzene-d5	9.486	82	184684	60.547	ng	0.00
42) 2,4,6-Tribromophenol	16.401	330	68981	41.757	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	596590	63.159	ng	0.00
79) Terphenyl-d14	20.238	244	1220205	65.991	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.480	70	22362	10.001	ng	# 77
51) 2,6-Dinitrotoluene	14.927	165	17394	7.752	ng	# 31
57) 2,4-Dinitrotoluene	14.927	165	17394	5.543	ng	# 28

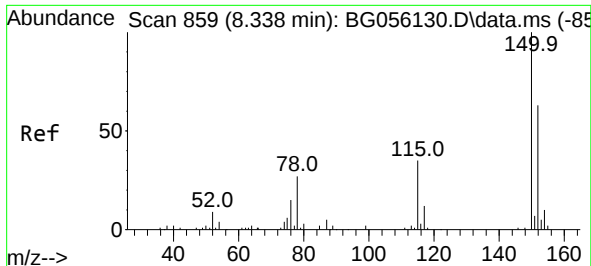
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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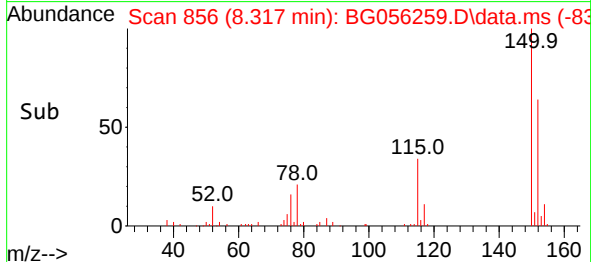
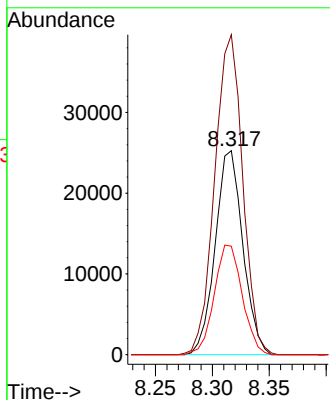
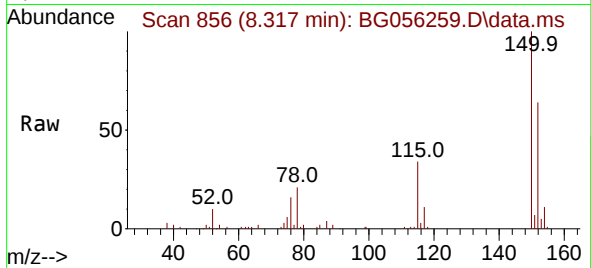




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

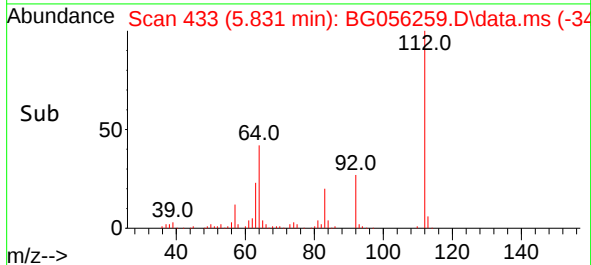
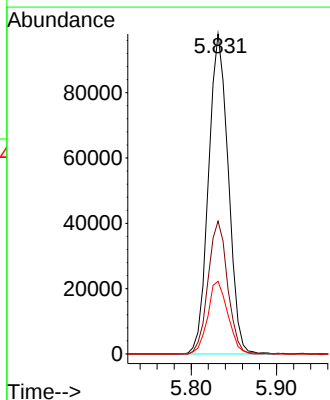
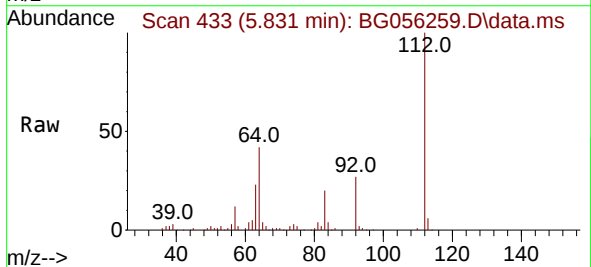
Instrument :
BNA_G
ClientSampleId :
1524

Tgt Ion:152 Resp: 42750
Ion Ratio Lower Upper
152 100
150 156.8 127.9 191.9
115 53.2 44.2 66.2



#5
2-Fluorophenol
Concen: 65.811 ng
RT: 5.831 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

Tgt Ion:112 Resp: 157571
Ion Ratio Lower Upper
112 100
64 41.5 33.3 49.9
63 22.7 19.0 28.4

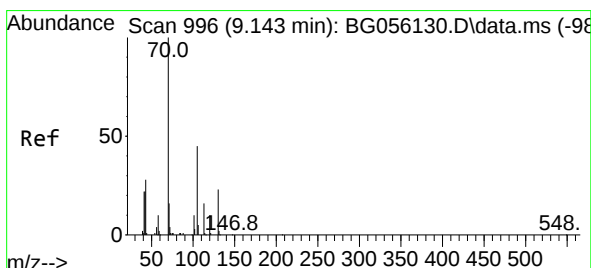
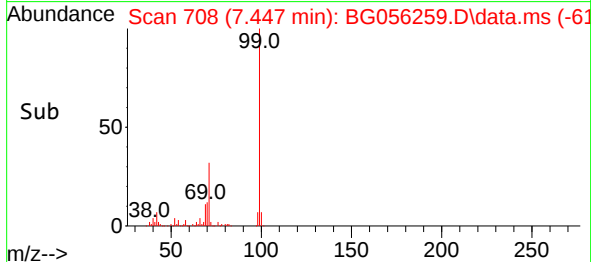
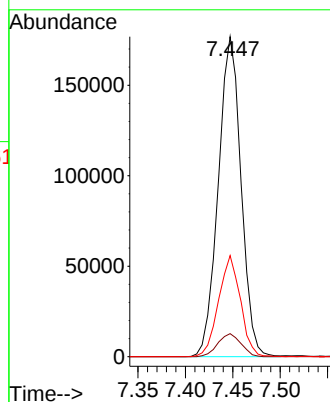
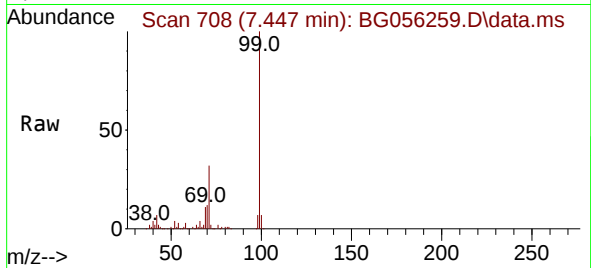




#7
Phenol-d6
Concen: 80.489 ng
RT: 7.447 min Scan# 70
Delta R.T. -0.000 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

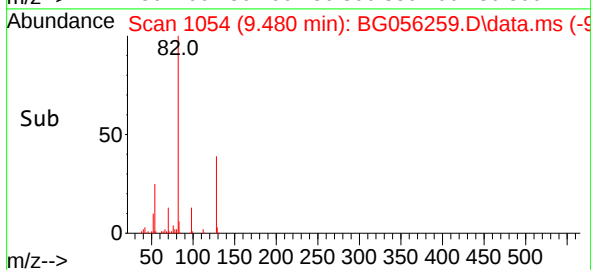
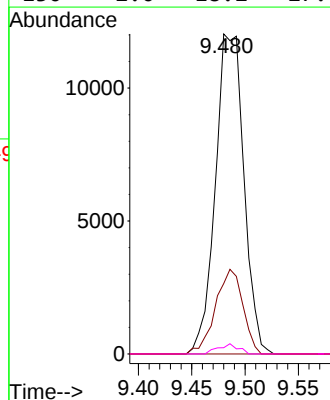
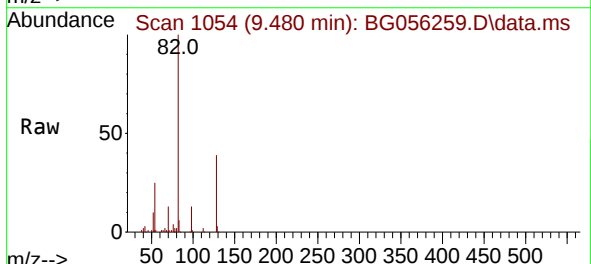
Instrument :
BNA_G
ClientSampleId :
1524

Tgt Ion: 99 Resp: 295953
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 31.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 10.001 ng
RT: 9.480 min Scan# 1054
Delta R.T. 0.364 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

Tgt Ion: 70 Resp: 22362
Ion Ratio Lower Upper
70 100
42 22.0 18.2 27.2
101 0.0 8.3 12.5#
130 2.0 18.2 27.4#

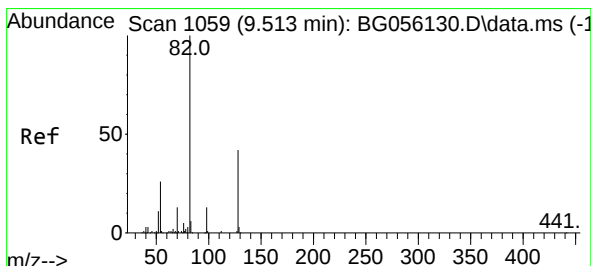
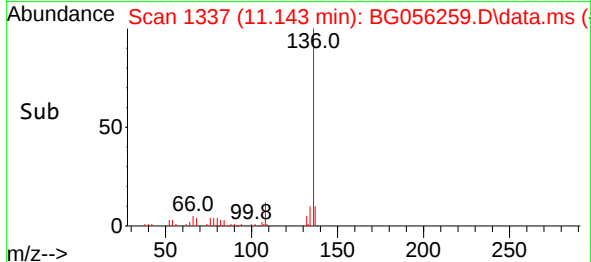
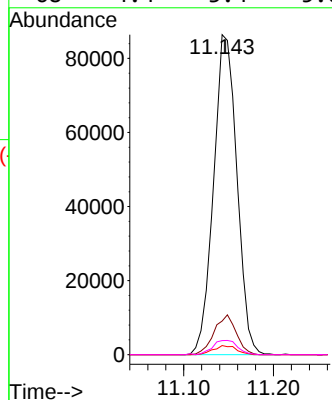
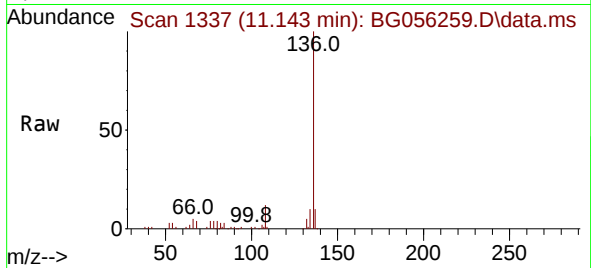




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.143 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

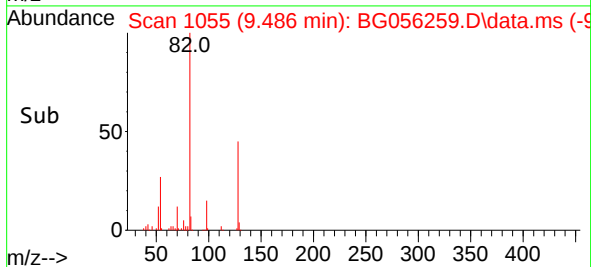
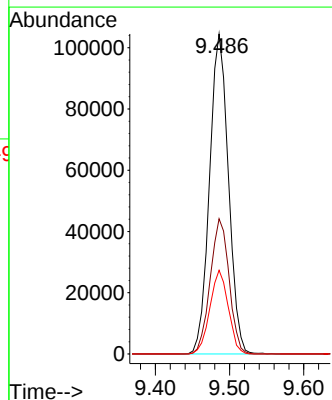
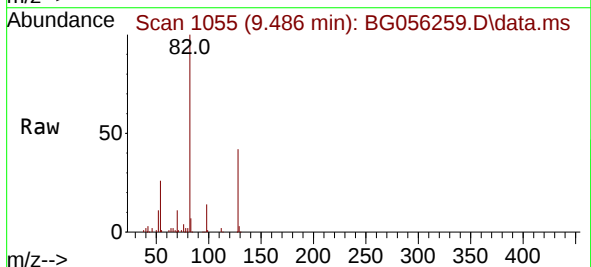
Instrument :
BNA_G
ClientSampleId :
1524

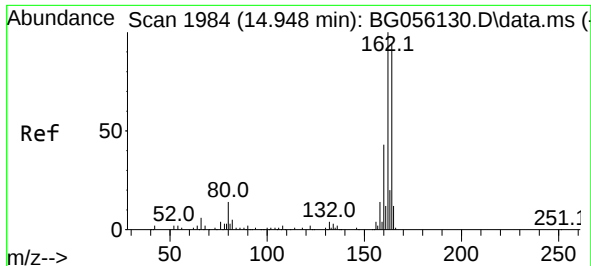
Tgt Ion:	136	Resp:	156025
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.4	14.0
54	2.9	2.2	3.2
68	4.4	3.4	5.0



#23
Nitrobenzene-d5
Concen: 60.547 ng
RT: 9.486 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

Tgt Ion:	82	Resp:	184684
Ion	Ratio	Lower	Upper
82	100		
128	42.2	33.4	50.2
54	26.2	20.3	30.5

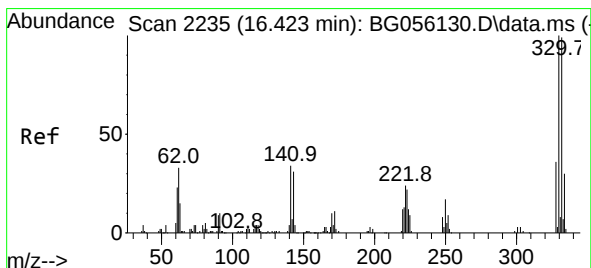
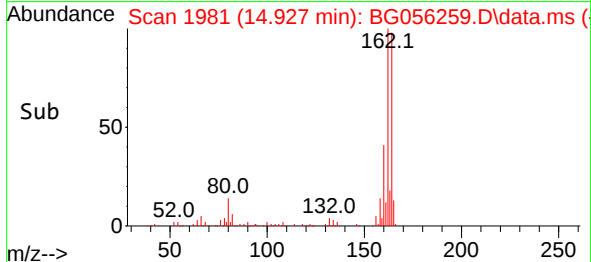
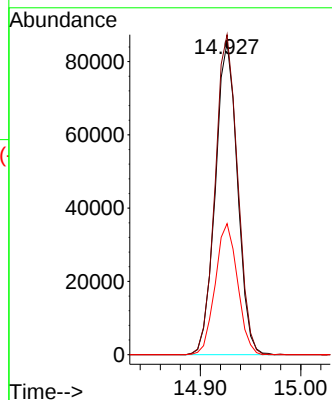
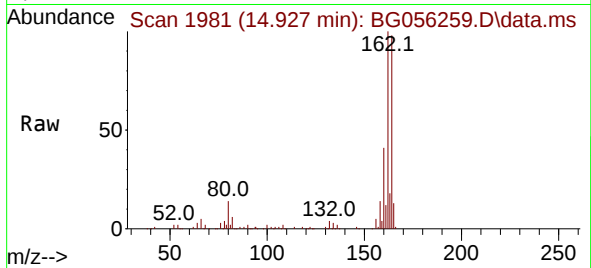




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1981
Delta R.T. -0.000 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

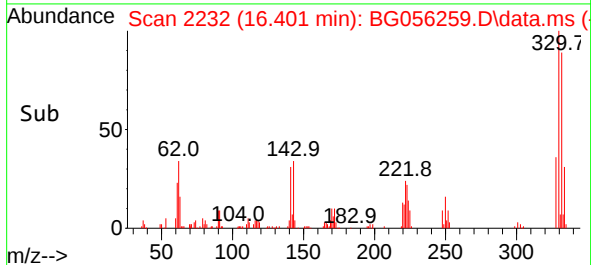
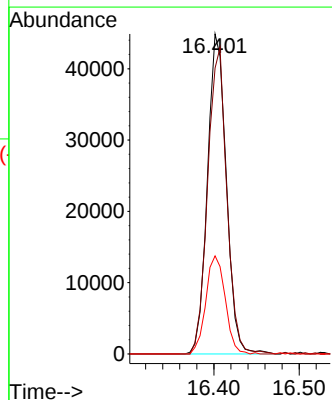
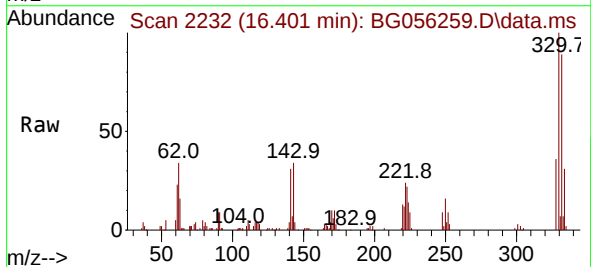
Instrument :
BNA_G
ClientSampleId :
1524

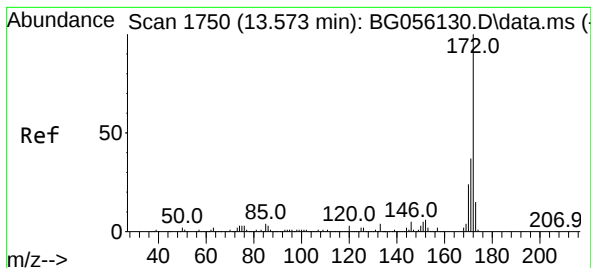
Tgt Ion:164 Resp: 130438
Ion Ratio Lower Upper
164 100
162 102.4 84.7 127.1
160 41.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 41.757 ng
RT: 16.401 min Scan# 2232
Delta R.T. -0.006 min
Lab File: BG056259.D
Acq: 11 Jan 2023 20:46

Tgt Ion:330 Resp: 68981
Ion Ratio Lower Upper
330 100
332 96.9 77.3 115.9
141 31.4 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 63.159 ng

RT: 13.552 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG056259.D

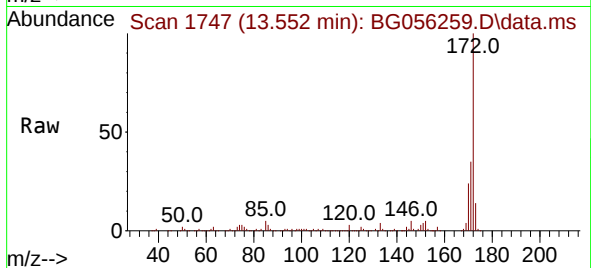
Acq: 11 Jan 2023 20:46

Instrument :

BNA_G

ClientSampleId :

1524



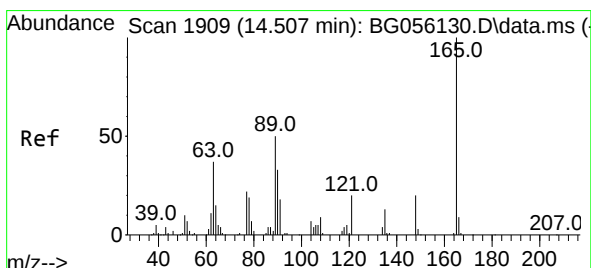
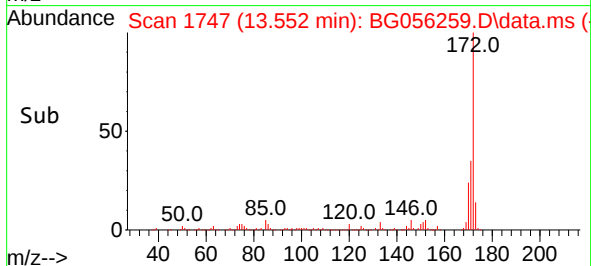
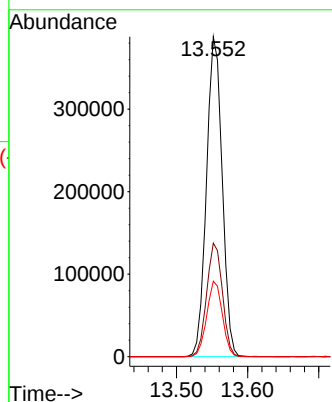
Tgt Ion:172 Resp: 596590

Ion Ratio Lower Upper

172 100

171 35.5 29.6 44.4

170 23.6 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.752 ng

RT: 14.927 min Scan# 1981

Delta R.T. 0.435 min

Lab File: BG056259.D

Acq: 11 Jan 2023 20:46

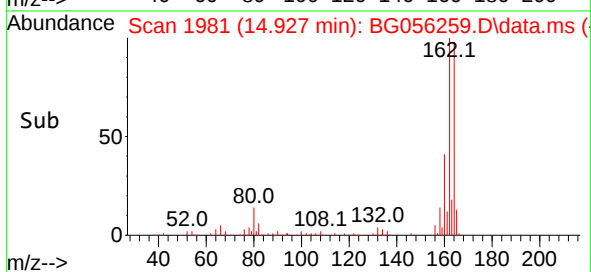
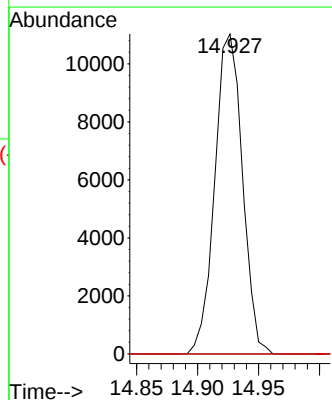
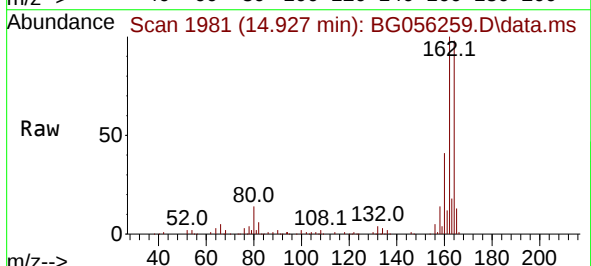
Tgt Ion:165 Resp: 17394

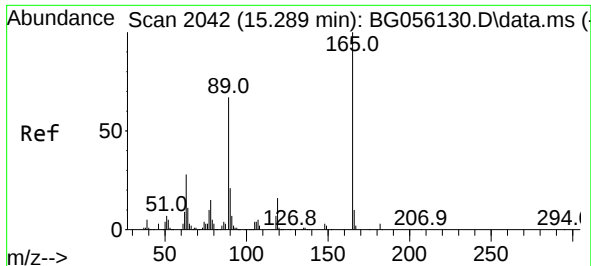
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 0.0 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.543 ng

RT: 14.927 min Scan# 1981

Delta R.T. -0.347 min

Lab File: BG056259.D

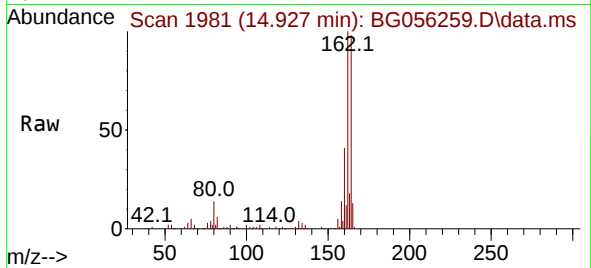
Acq: 11 Jan 2023 20:46

Instrument :

BNA_G

ClientSampleId :

1524



Tgt Ion:165 Resp: 17394

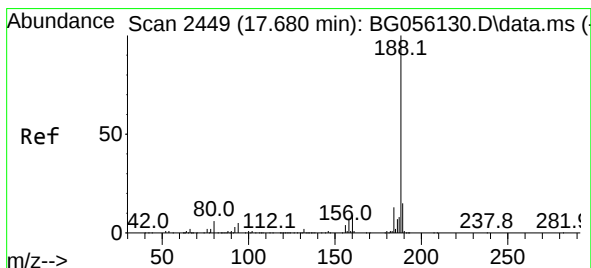
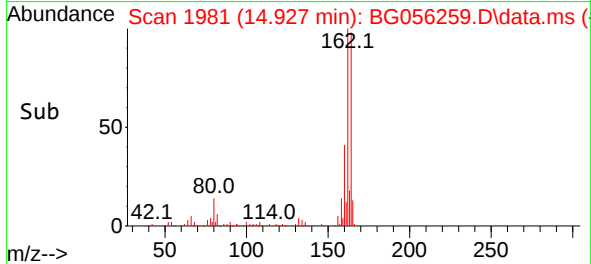
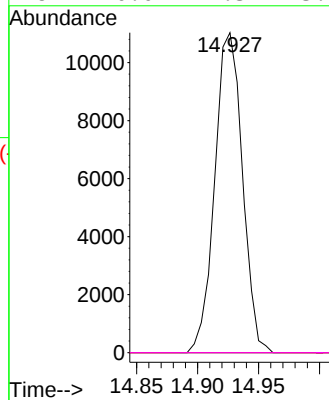
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 0.0 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.659 min Scan# 2446

Delta R.T. -0.006 min

Lab File: BG056259.D

Acq: 11 Jan 2023 20:46

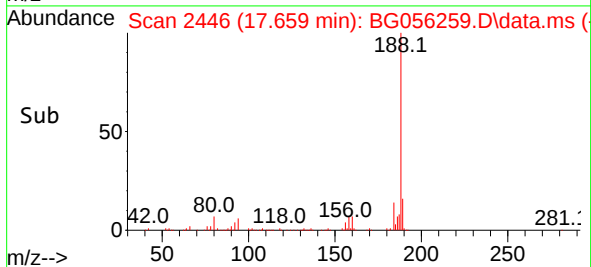
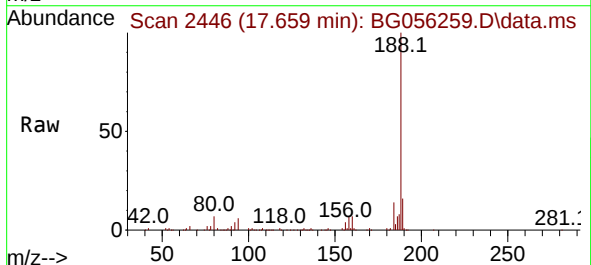
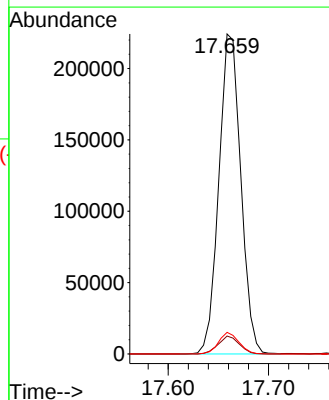
Tgt Ion:188 Resp: 339982

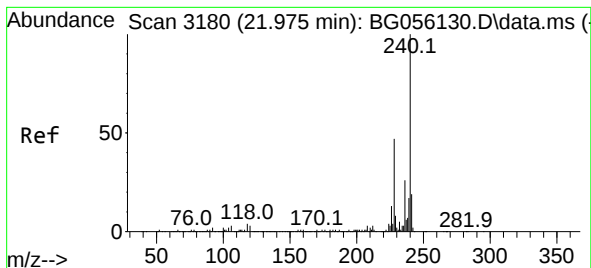
Ion Ratio Lower Upper

188 100

94 5.6 4.2 6.2

80 6.8 5.0 7.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.954 min Scan# 31

Delta R.T. -0.006 min

Lab File: BG056259.D

Acq: 11 Jan 2023 20:46

Instrument :

BNA_G

ClientSampleId :

1524

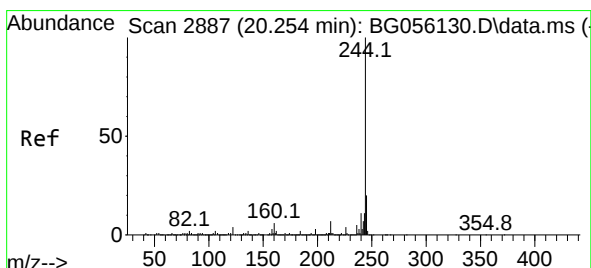
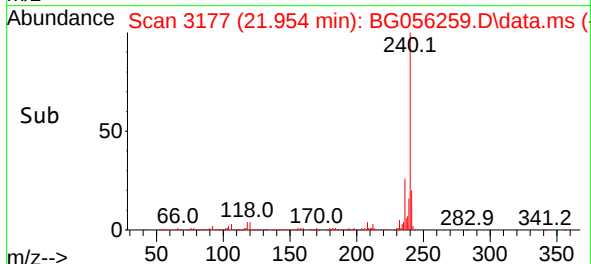
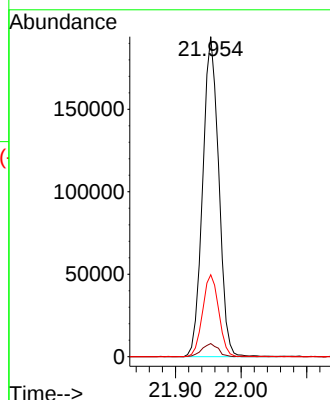
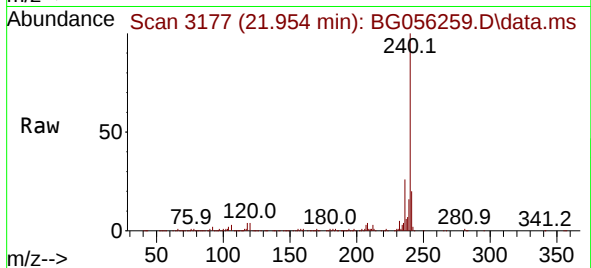
Tgt Ion:240 Resp: 331174

Ion Ratio Lower Upper

240 100

120 4.1 2.6 4.0#

236 25.6 20.8 31.2



#79

Terphenyl-d14

Concen: 65.991 ng

RT: 20.238 min Scan# 2885

Delta R.T. -0.000 min

Lab File: BG056259.D

Acq: 11 Jan 2023 20:46

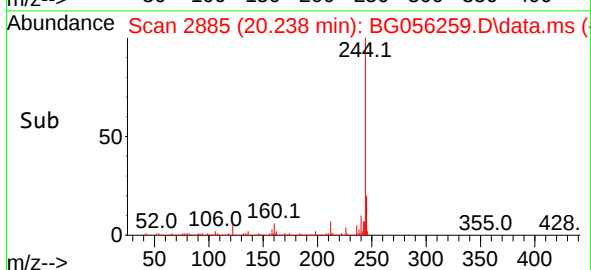
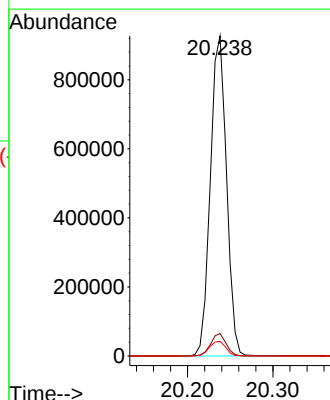
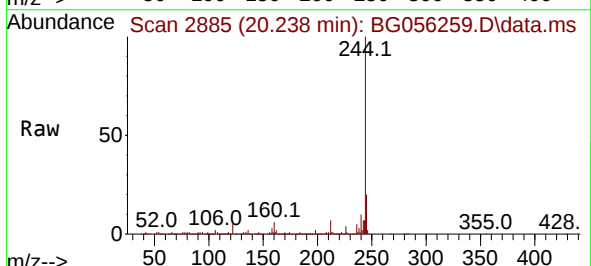
Tgt Ion:244 Resp: 1220205

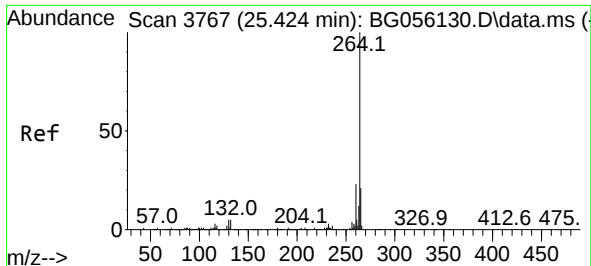
Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

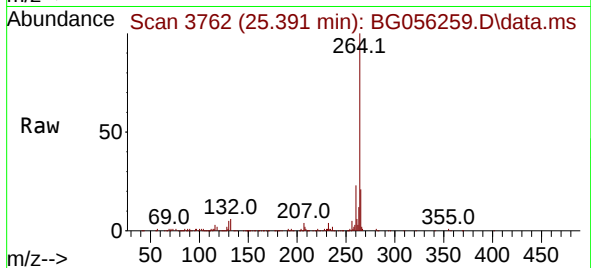
122 4.6 3.5 5.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.391 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: BG056259.D
 Acq: 11 Jan 2023 20:46

Instrument :
 BNA_G
 ClientSampleId :
 1524



Tgt Ion:264 Resp: 363339
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.6 28.0
 265 20.9 16.7 25.1

