

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG123022\
 Data File : BG056169.D
 Acq On : 30 Dec 2022 13:43
 Operator : CG/JU
 Sample : PB149992BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149992BL

Quant Time: Dec 31 00:16:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

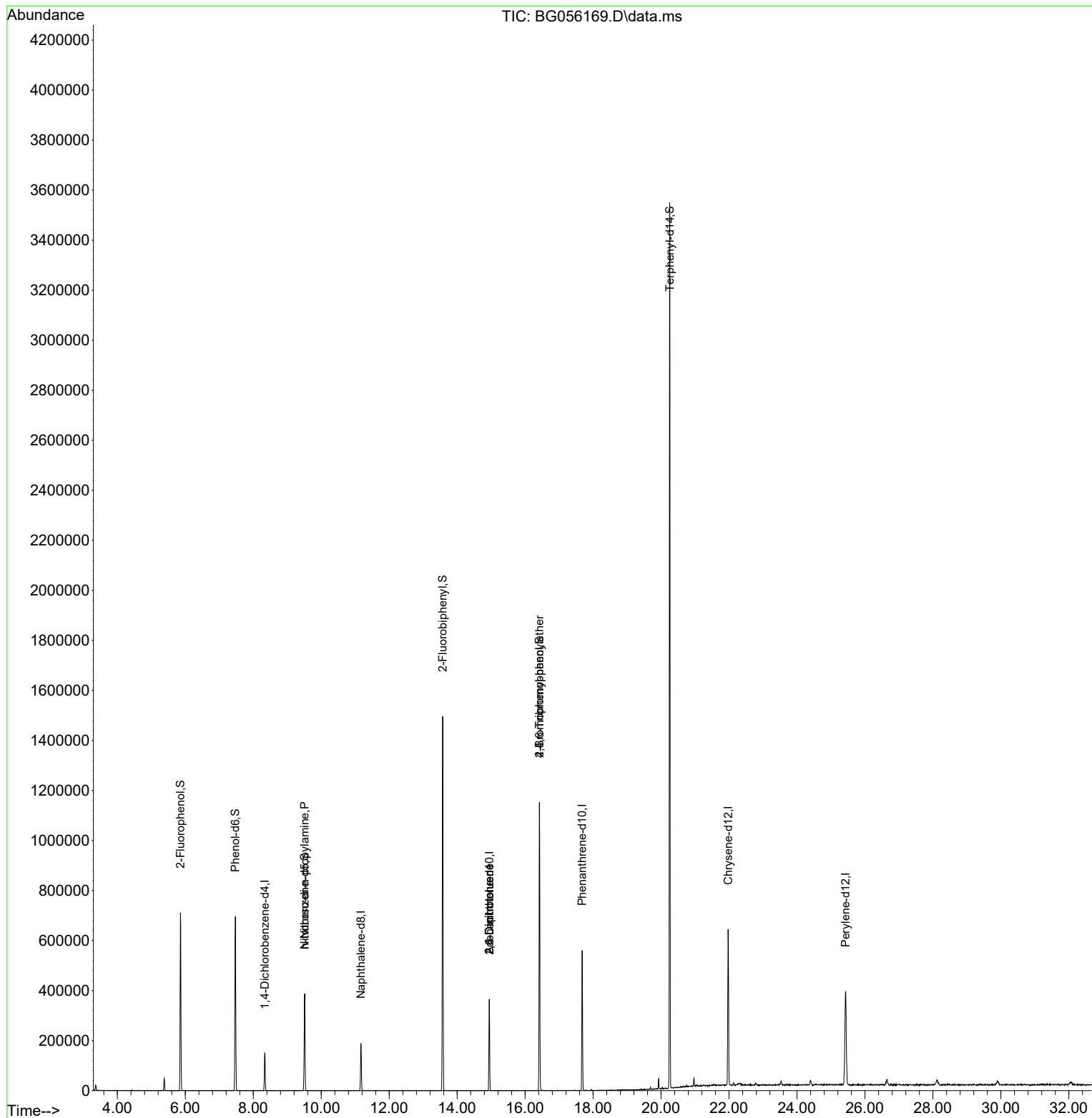
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	50144	20.000	ng	0.00
21) Naphthalene-d8	11.167	136	174562	20.000	ng	0.00
39) Acenaphthene-d10	14.945	164	148544	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	395095	20.000	ng	0.00
76) Chrysene-d12	21.972	240	451206	20.000	ng	0.00
86) Perylene-d12	25.427	264	436554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.856	112	391410	139.371	ng	0.00
7) Phenol-d6	7.471	99	523116	121.291	ng	0.00
23) Nitrobenzene-d5	9.510	82	275118	80.617	ng	0.00
42) 2,4,6-Tribromophenol	16.420	330	239525	127.320	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	888926	82.637	ng	0.00
79) Terphenyl-d14	20.256	244	2036242	80.828	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.510	70	33949	12.945	ng	# 73
51) 2,6-Dinitrotoluene	14.945	165	19484	7.625	ng	# 32
57) 2,4-Dinitrotoluene	14.945	165	19484	5.452	ng	# 29
67) 4-Bromophenyl-phenylether	16.420	248	20141	4.003	ng	# 1

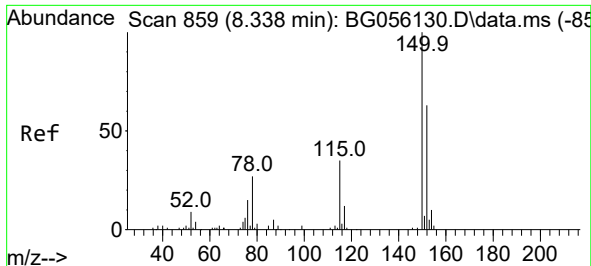
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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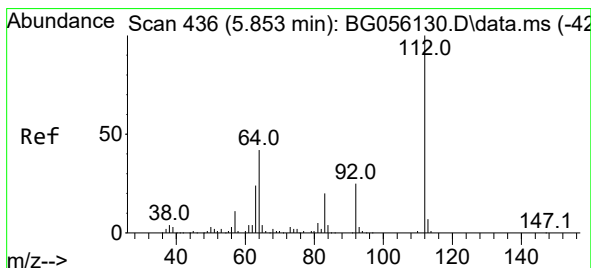
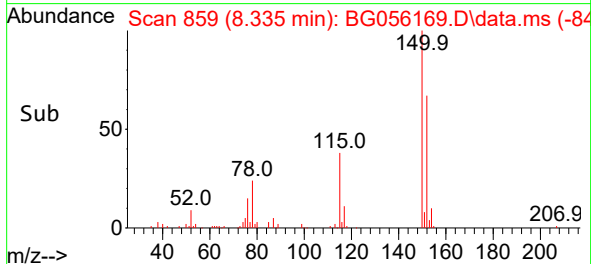
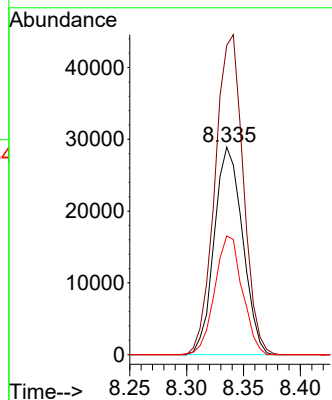
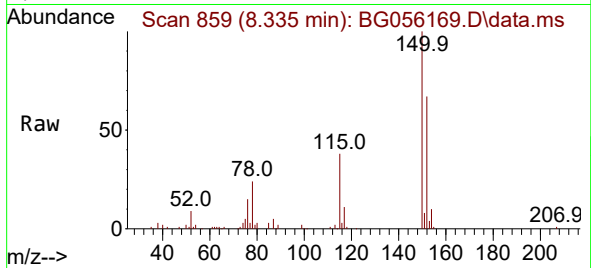




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

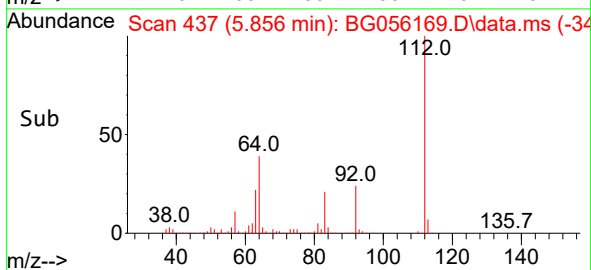
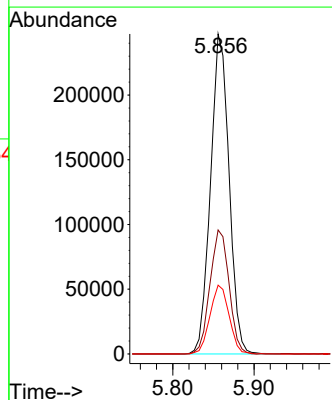
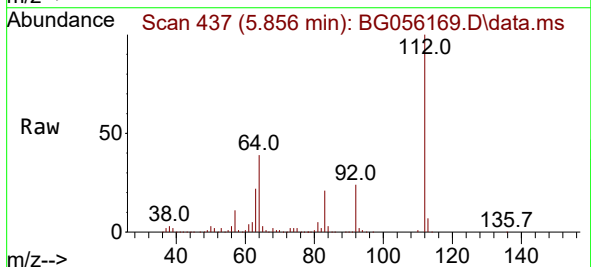
Instrument :
BNA_G
ClientSampleId :
PB149992BL

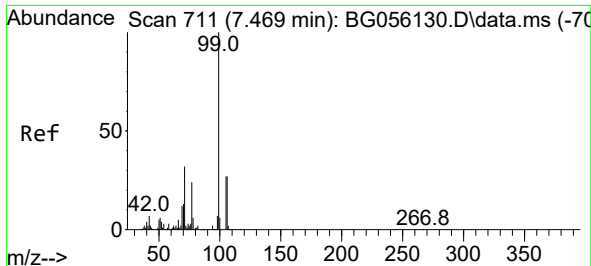
Tgt Ion:152 Resp: 50144
Ion Ratio Lower Upper
152 100
150 149.0 127.9 191.9
115 57.2 44.2 66.2



#5
2-Fluorophenol
Concen: 139.371 ng
RT: 5.856 min Scan# 437
Delta R.T. 0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

Tgt Ion:112 Resp: 391410
Ion Ratio Lower Upper
112 100
64 38.8 33.3 49.9
63 21.5 19.0 28.4

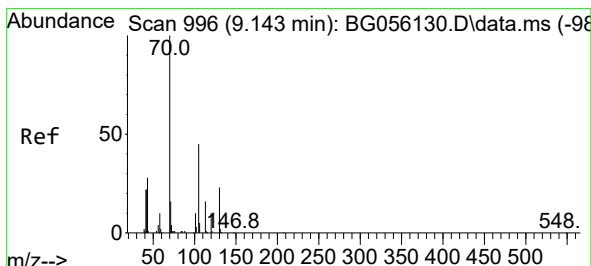
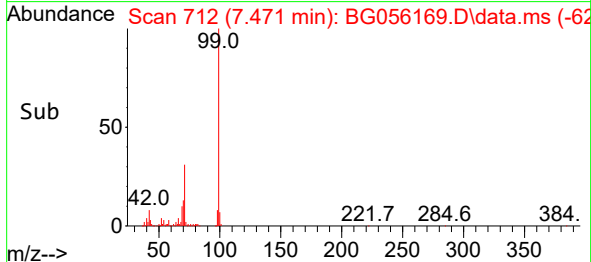
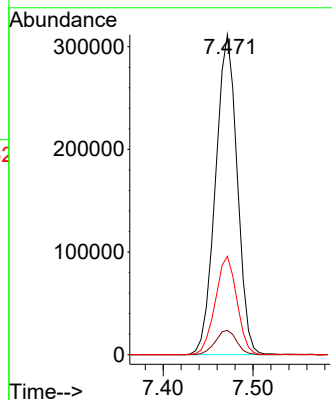
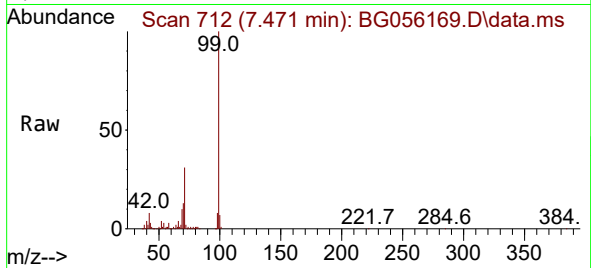




#7
Phenol-d6
Concen: 121.291 ng
RT: 7.471 min Scan# 711
Delta R.T. 0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

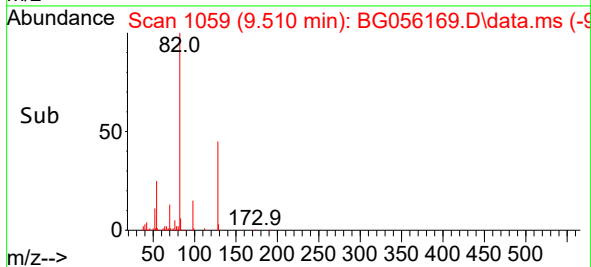
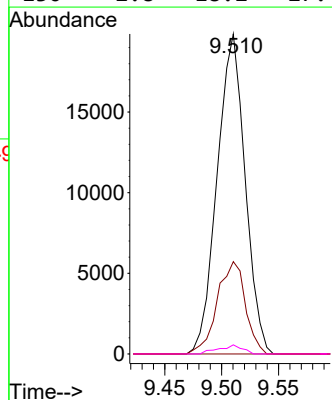
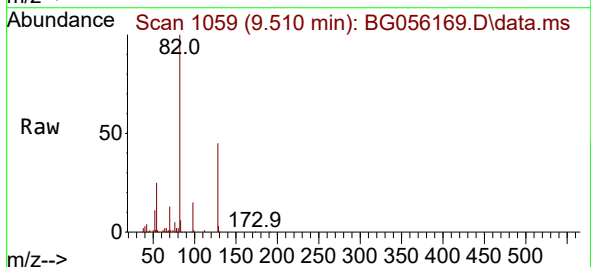
Instrument :
BNA_G
ClientSampleId :
PB149992BL

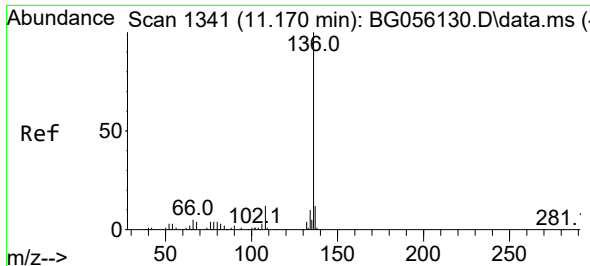
Tgt Ion: 99 Resp: 523116
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.8 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.945 ng
RT: 9.510 min Scan# 1059
Delta R.T. 0.367 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

Tgt Ion: 70 Resp: 33949
Ion Ratio Lower Upper
70 100
42 28.8 18.2 27.2#
101 0.0 8.3 12.5#
130 2.8 18.2 27.4#

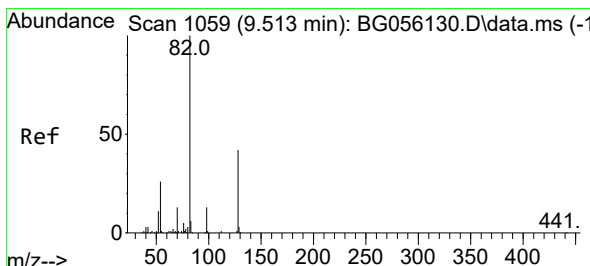
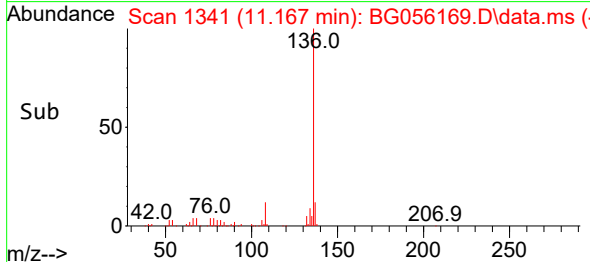
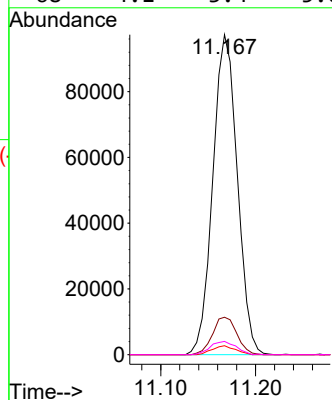
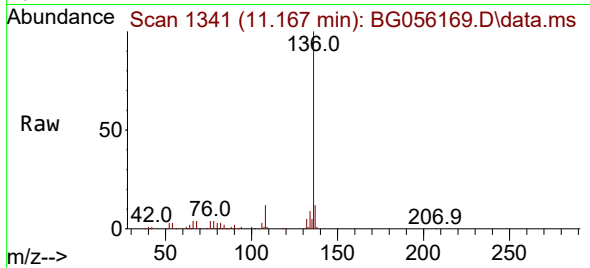




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.167 min Scan# 1341
Delta R.T. -0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

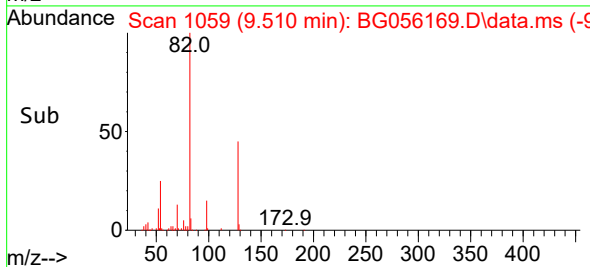
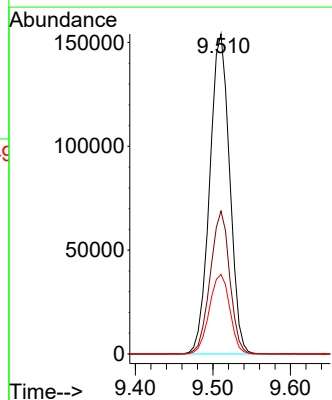
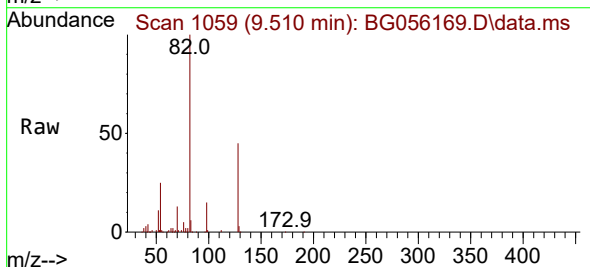
Instrument :
BNA_G
ClientSampleId :
PB149992BL

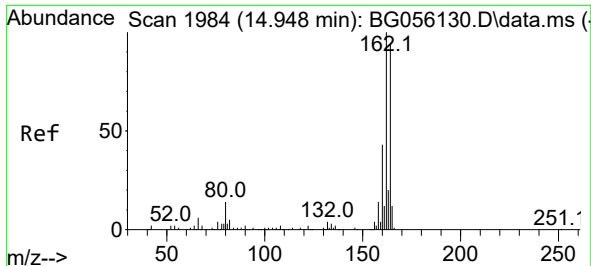
Tgt Ion:	136	Resp:	174562
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.0
54	2.8	2.2	3.2
68	4.1	3.4	5.0



#23
Nitrobenzene-d5
Concen: 80.617 ng
RT: 9.510 min Scan# 1059
Delta R.T. -0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

Tgt Ion:	82	Resp:	275118
Ion	Ratio	Lower	Upper
82	100		
128	44.7	33.4	50.2
54	24.8	20.3	30.5

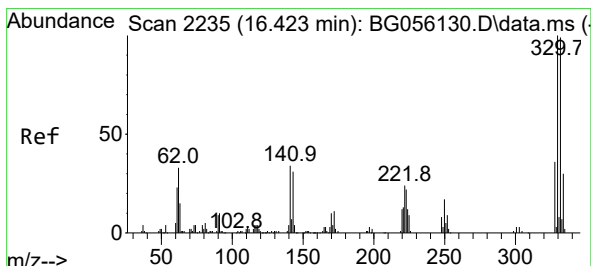
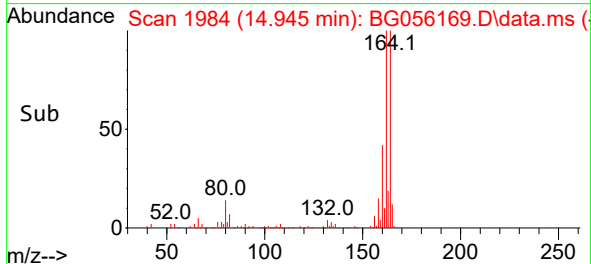
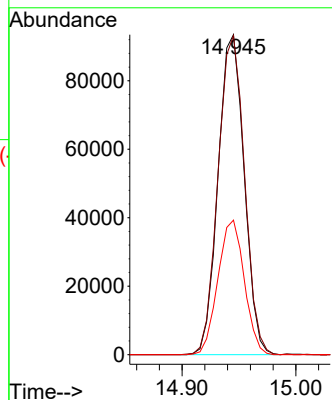
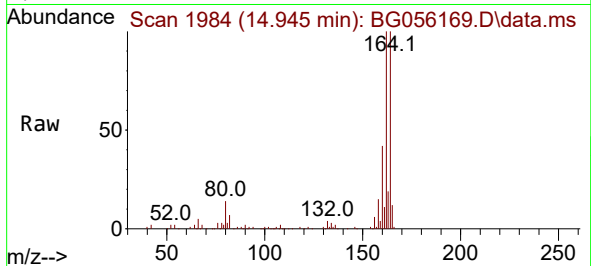




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.945 min Scan# 1984
Delta R.T. -0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

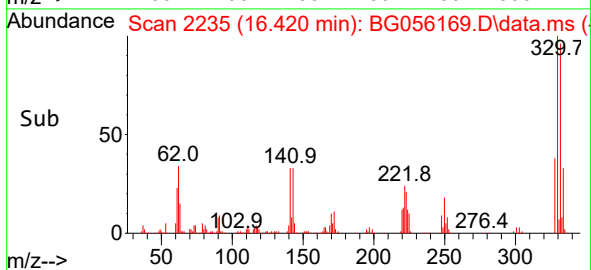
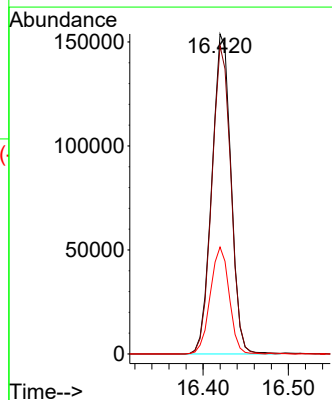
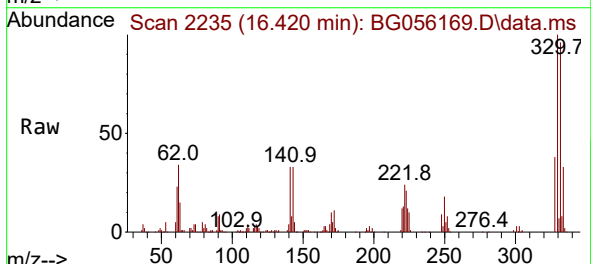
Instrument :
BNA_G
ClientSampleId :
PB149992BL

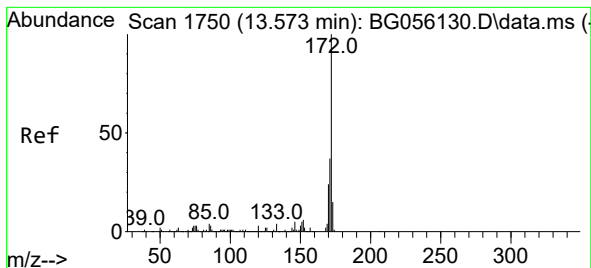
Tgt Ion:164 Resp: 148544
Ion Ratio Lower Upper
164 100
162 99.8 84.7 127.1
160 42.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 127.320 ng
RT: 16.420 min Scan# 2235
Delta R.T. -0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

Tgt Ion:330 Resp: 239525
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 32.9 27.9 41.9





#45

2-Fluorobiphenyl

Concen: 82.637 ng

RT: 13.570 min Scan# 1

Delta R.T. -0.003 min

Lab File: BG056169.D

Acq: 30 Dec 2022 13:43

Instrument :

BNA_G

ClientSampleId :

PB149992BL

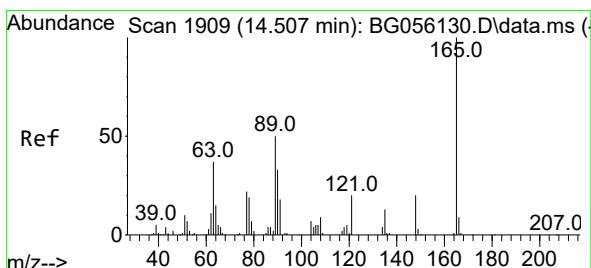
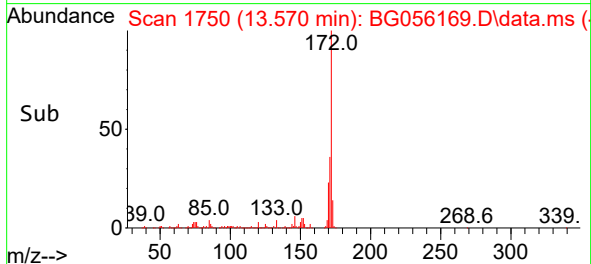
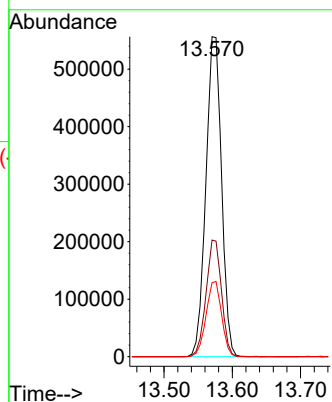
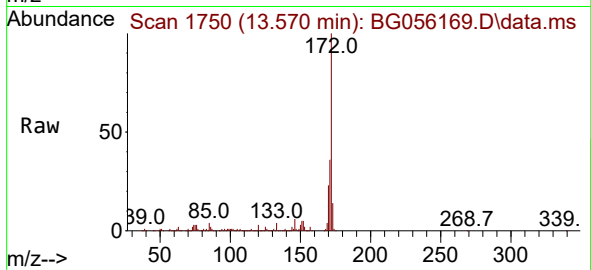
Tgt Ion:172 Resp: 888926

Ion Ratio Lower Upper

172 100

171 36.5 29.6 44.4

170 23.1 19.4 29.2



#51

2,6-Dinitrotoluene

Concen: 7.625 ng

RT: 14.945 min Scan# 1984

Delta R.T. 0.438 min

Lab File: BG056169.D

Acq: 30 Dec 2022 13:43

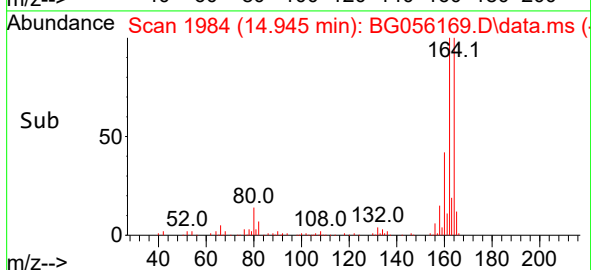
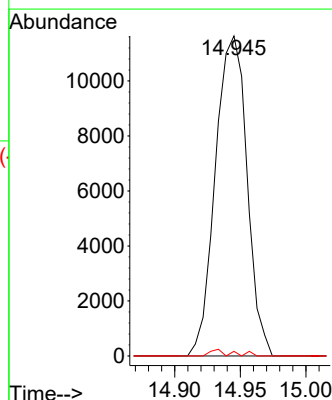
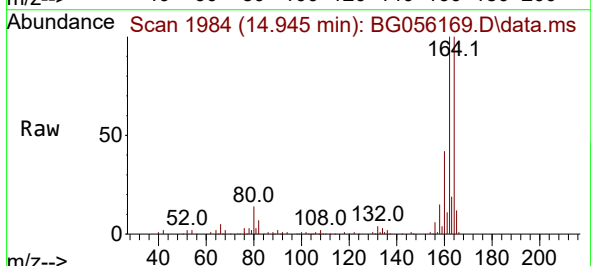
Tgt Ion:165 Resp: 19484

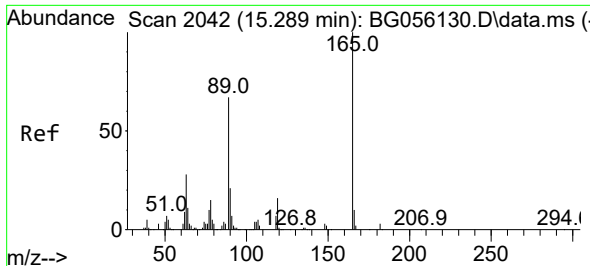
Ion Ratio Lower Upper

165 100

63 0.0 32.2 48.2#

89 1.5 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.452 ng

RT: 14.945 min Scan# 1984

Delta R.T. -0.344 min

Lab File: BG056169.D

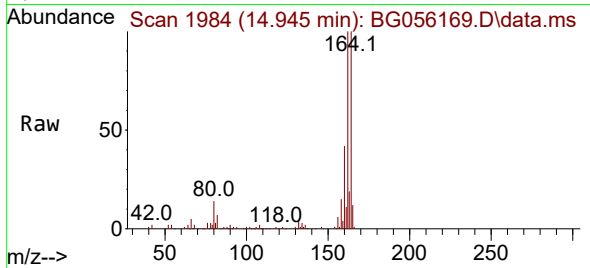
Acq: 30 Dec 2022 13:43

Instrument :

BNA_G

ClientSampleId :

PB149992BL



Tgt Ion:165 Resp: 19484

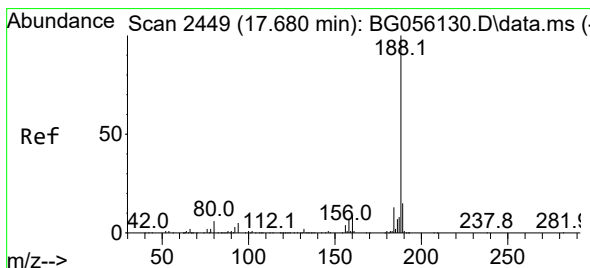
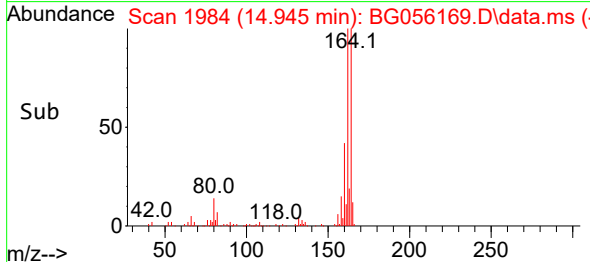
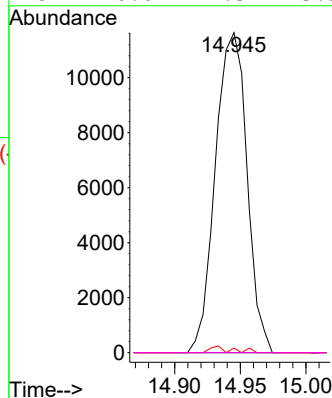
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.5 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2449

Delta R.T. -0.003 min

Lab File: BG056169.D

Acq: 30 Dec 2022 13:43

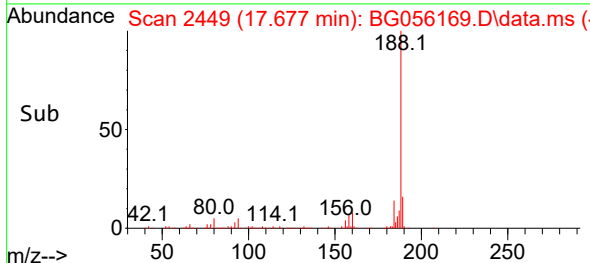
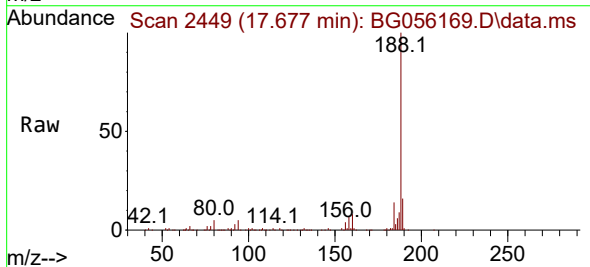
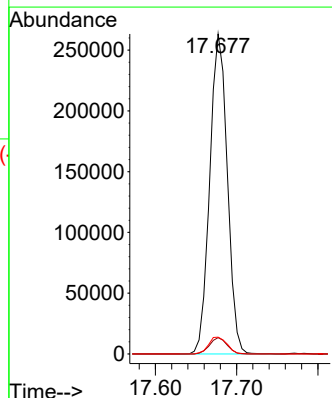
Tgt Ion:188 Resp: 395095

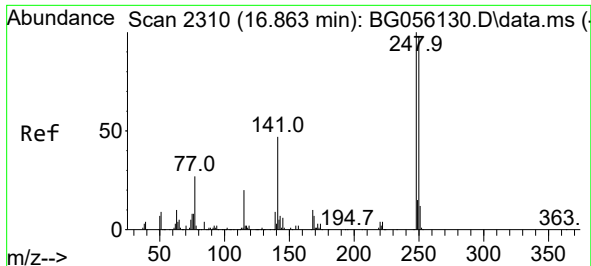
Ion Ratio Lower Upper

188 100

94 5.1 4.2 6.2

80 5.3 5.0 7.4

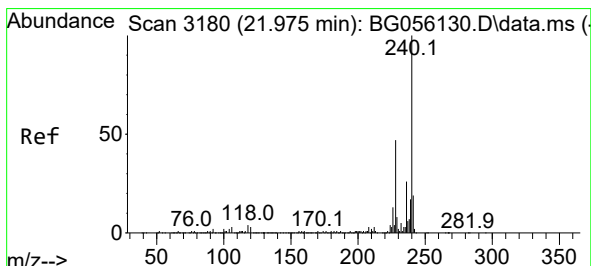
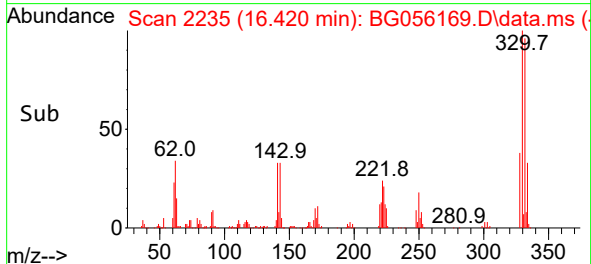
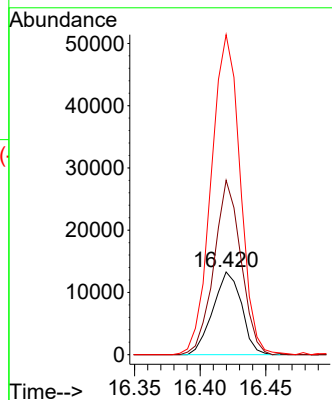
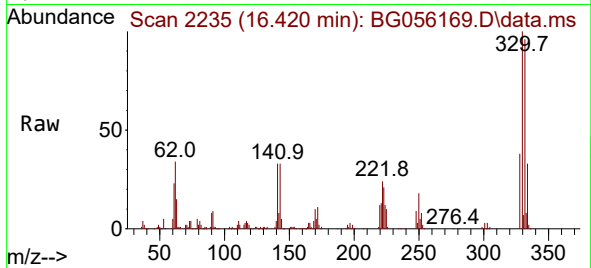




#67
4-Bromophenyl-phenylether
Concen: 4.003 ng
RT: 16.420 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

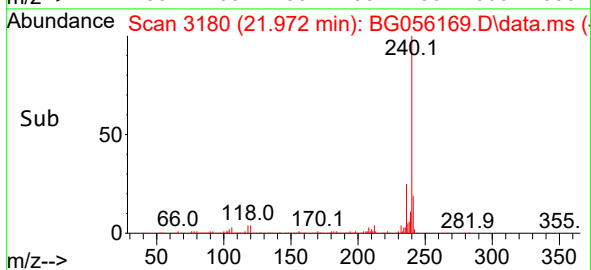
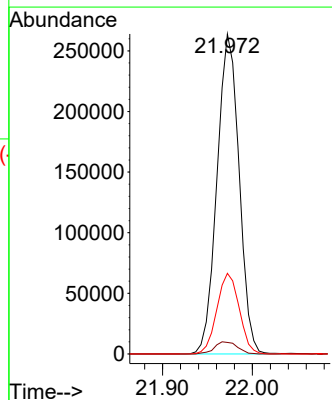
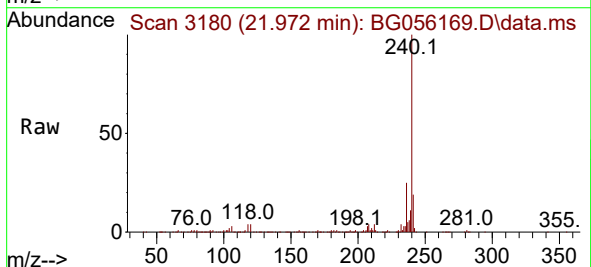
Instrument :
BNA_G
ClientSampleId :
PB149992BL

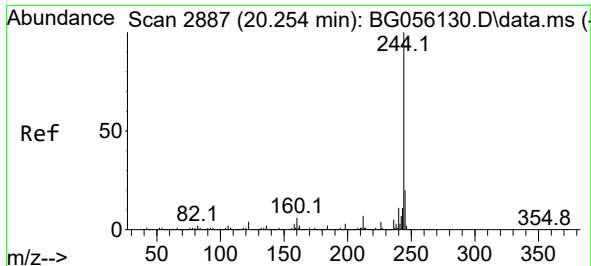
Tgt Ion:248 Resp: 20141
Ion Ratio Lower Upper
248 100
250 210.6 78.2 117.4#
141 386.4 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.972 min Scan# 3180
Delta R.T. -0.003 min
Lab File: BG056169.D
Acq: 30 Dec 2022 13:43

Tgt Ion:240 Resp: 451206
Ion Ratio Lower Upper
240 100
120 3.6 2.6 4.0
236 25.2 20.8 31.2

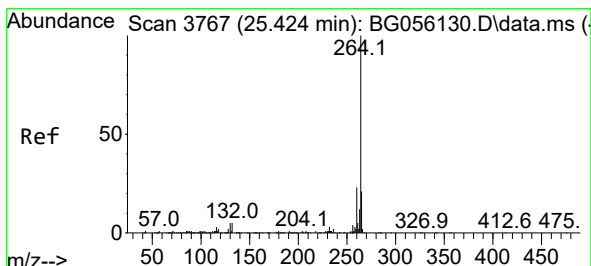
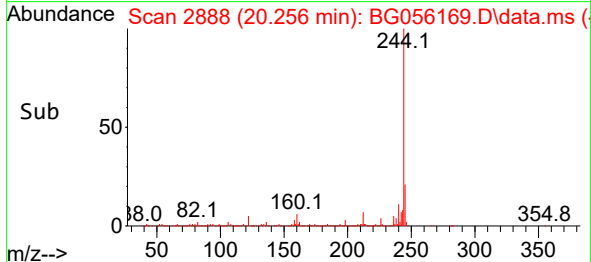
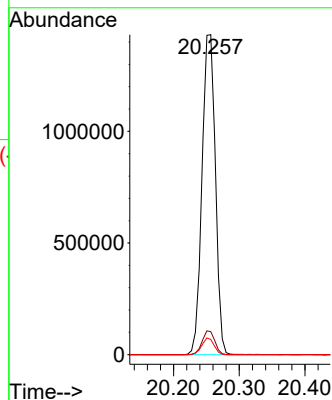
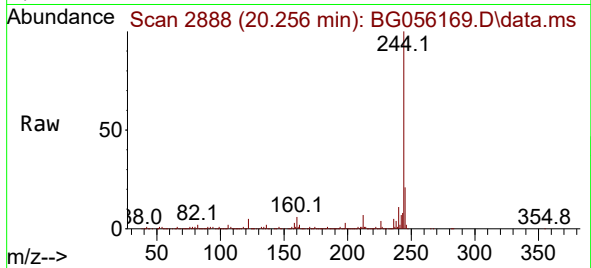




#79
 Terphenyl-d14
 Concen: 80.828 ng
 RT: 20.256 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG056169.D
 Acq: 30 Dec 2022 13:43

Instrument :
 BNA_G
 ClientSampleId :
 PB149992BL

Tgt Ion:244 Resp: 2036242
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 4.8 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.427 min Scan# 3768
 Delta R.T. 0.003 min
 Lab File: BG056169.D
 Acq: 30 Dec 2022 13:43

Tgt Ion:264 Resp: 436554
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 20.4 16.7 25.1

