

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011823\
 Data File : BG056325.D
 Acq On : 18 Jan 2023 12:24
 Operator : CG/JU
 Sample : PB150244BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB150244BL

Quant Time: Jan 19 00:29:37 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)

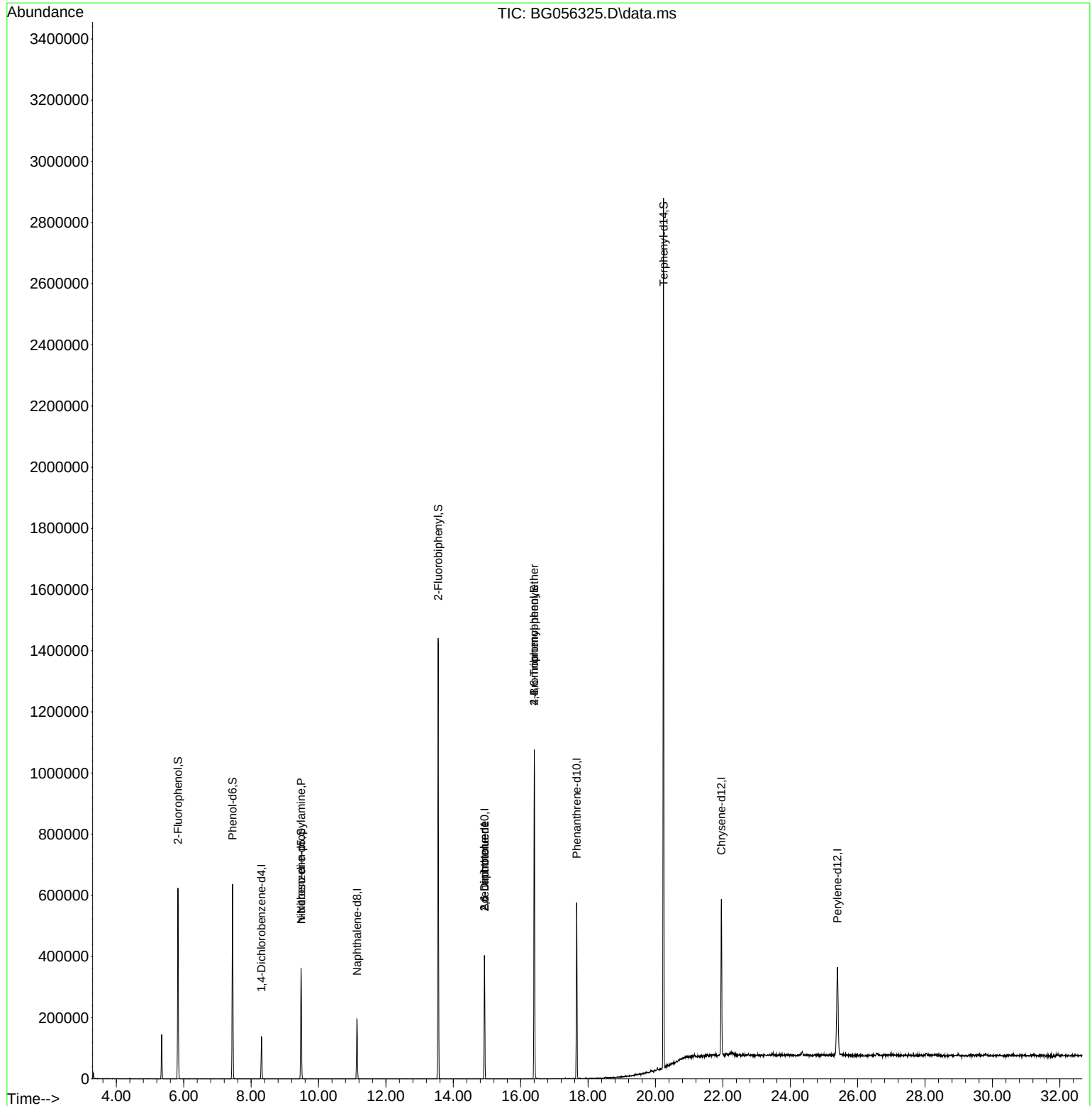
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	45945	20.000	ng	-0.01
21) Naphthalene-d8	11.144	136	184488	20.000	ng	0.00
39) Acenaphthene-d10	14.922	164	157660	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	397956	20.000	ng	# 0.00
76) Chrysene-d12	21.955	240	349451	20.000	ng	# 0.00
86) Perylene-d12	25.398	264	372565	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.827	112	339149	131.799	ng	0.00
7) Phenol-d6	7.448	99	481117	121.748	ng	0.00
23) Nitrobenzene-d5	9.481	82	259827	72.040	ng	-0.01
42) 2,4,6-Tribromophenol	16.403	330	227356	113.864	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	850458	74.489	ng	0.00
79) Terphenyl-d14	20.239	244	1609781	82.507	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.481	70	32482	13.517	ng	# 74
51) 2,6-Dinitrotoluene	14.922	165	19110	7.047	ng	# 33
57) 2,4-Dinitrotoluene	14.922	165	19110	5.039	ng	# 30
67) 4-Bromophenyl-phenylether	16.403	248	18436	3.638	ng	# 1

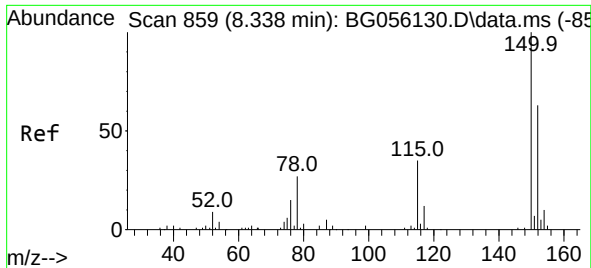
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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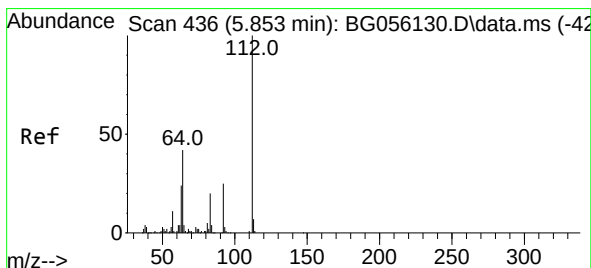
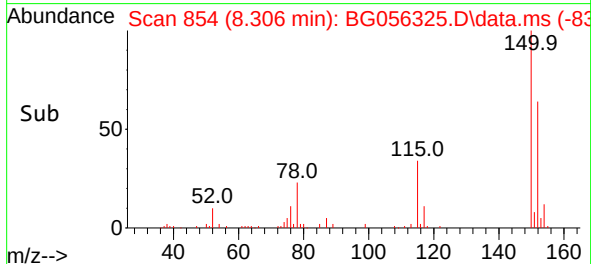
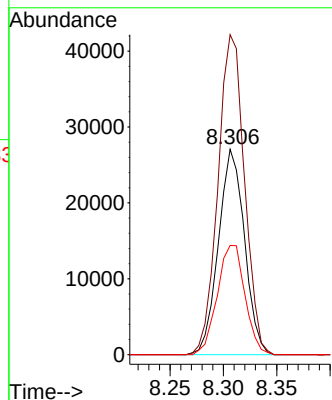
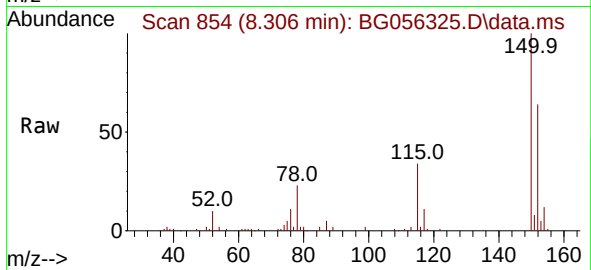




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

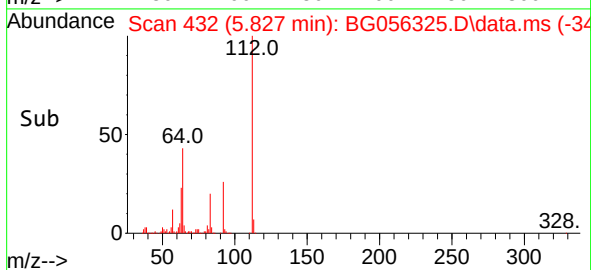
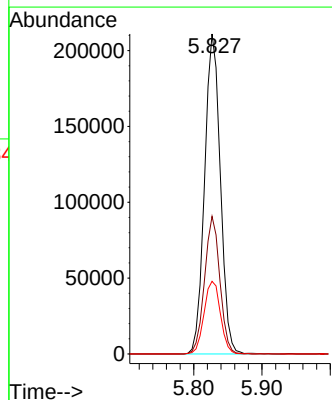
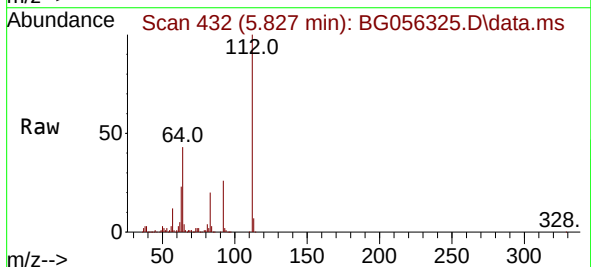
Instrument :
BNA_G
ClientSampleId :
PB150244BL

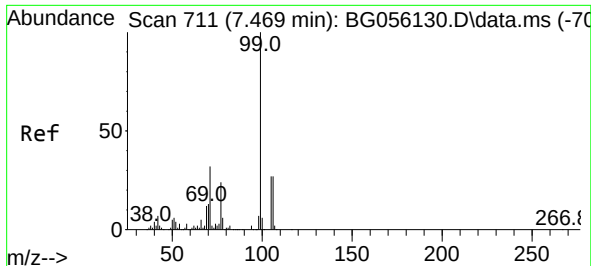
Tgt Ion:152 Resp: 45945
Ion Ratio Lower Upper
152 100
150 155.7 127.9 191.9
115 53.2 44.2 66.2



#5
2-Fluorophenol
Concen: 131.799 ng
RT: 5.827 min Scan# 432
Delta R.T. 0.001 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion:112 Resp: 339149
Ion Ratio Lower Upper
112 100
64 43.0 33.3 49.9
63 22.7 19.0 28.4

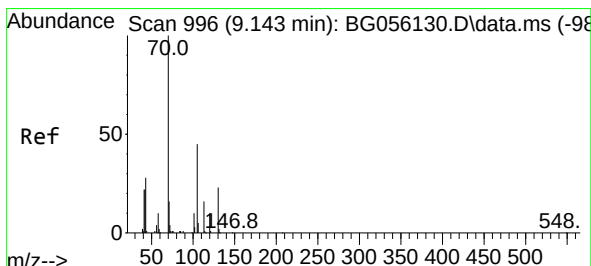
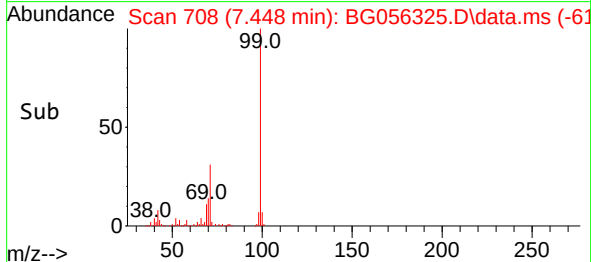
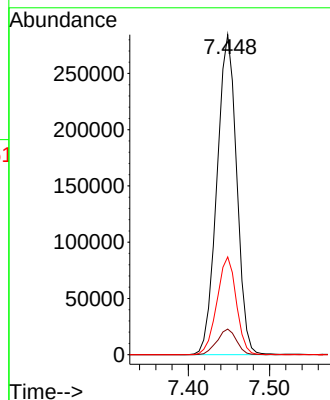
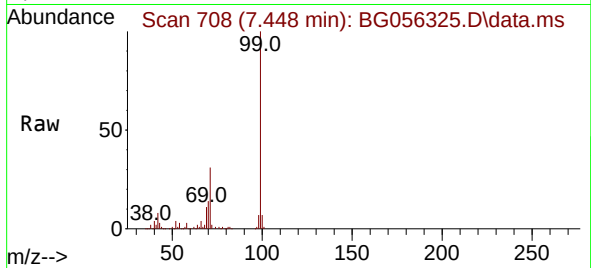




#7
Phenol-d6
Concen: 121.748 ng
RT: 7.448 min Scan# 70
Delta R.T. 0.001 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

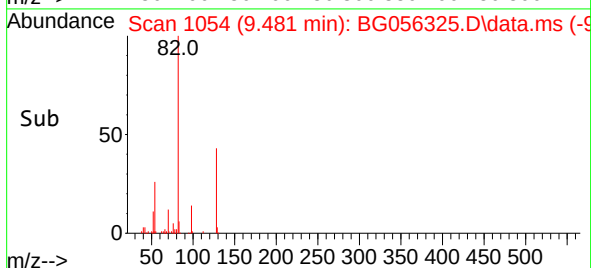
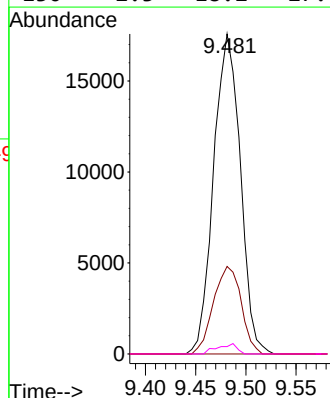
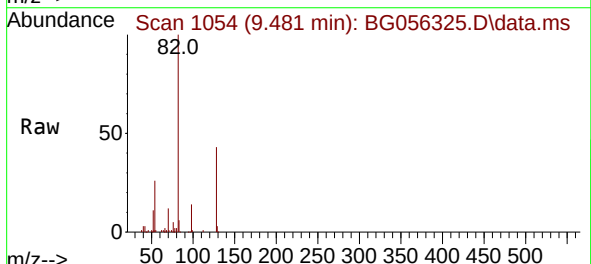
Instrument :
BNA_G
ClientSampleId :
PB150244BL

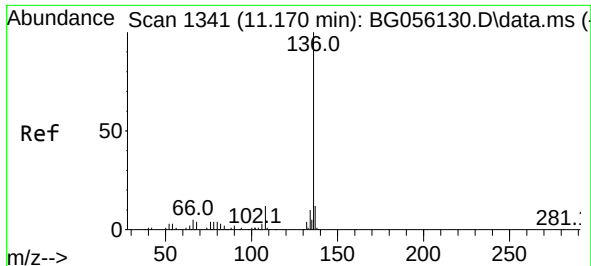
Tgt Ion: 99 Resp: 481117
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 30.6 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 13.517 ng
RT: 9.481 min Scan# 1054
Delta R.T. 0.365 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion: 70 Resp: 32482
Ion Ratio Lower Upper
70 100
42 27.4 18.2 27.2#
101 0.0 8.3 12.5#
130 2.3 18.2 27.4#

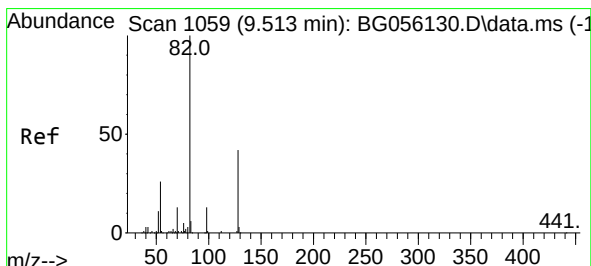
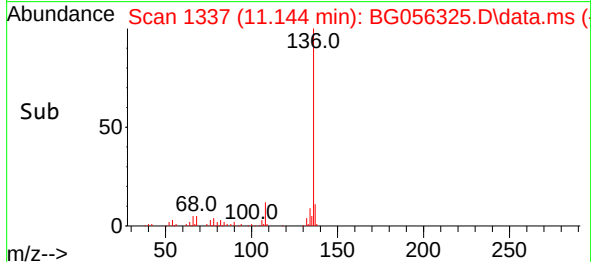
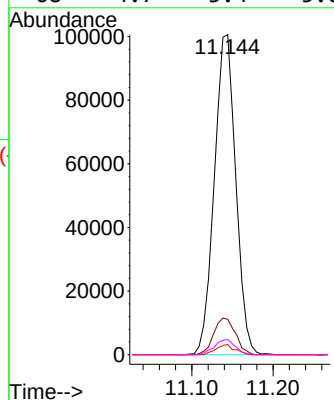
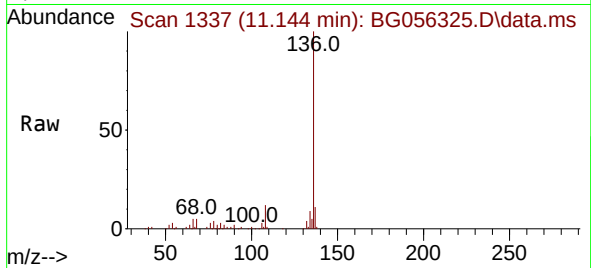




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

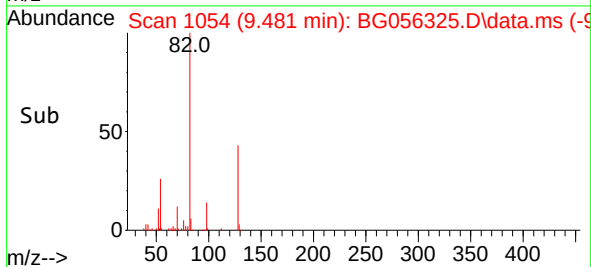
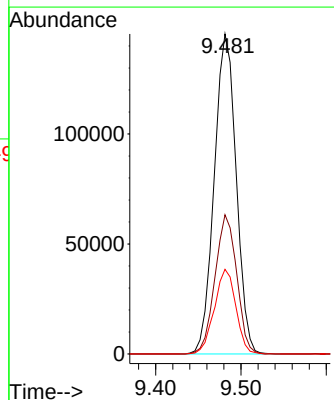
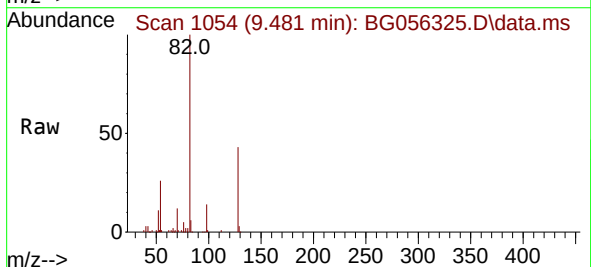
Instrument :
BNA_G
ClientSampleId :
PB150244BL

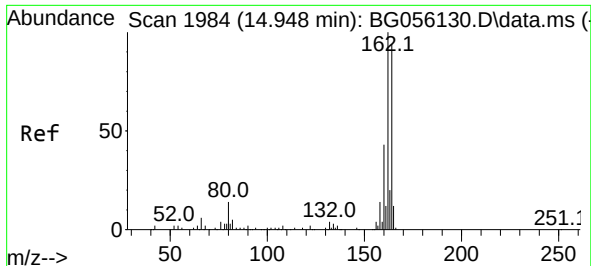
Tgt Ion:	136	Resp:	184488
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.0
54	3.2	2.2	3.2
68	4.7	3.4	5.0



#23
Nitrobenzene-d5
Concen: 72.040 ng
RT: 9.481 min Scan# 1054
Delta R.T. -0.011 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion:	82	Resp:	259827
Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.4	50.2
54	26.5	20.3	30.5

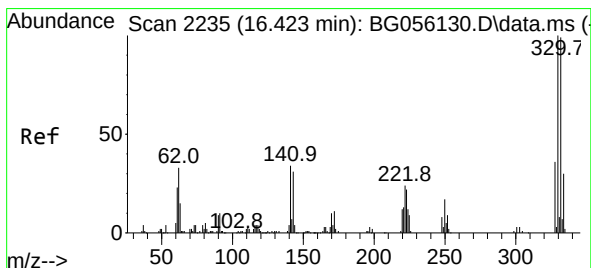
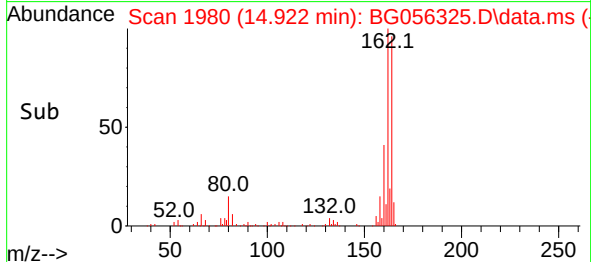
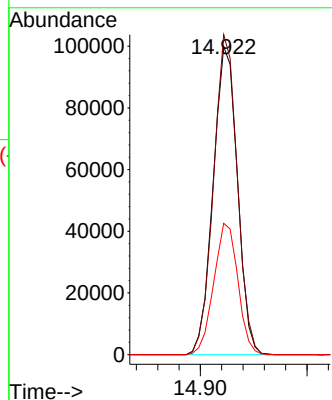
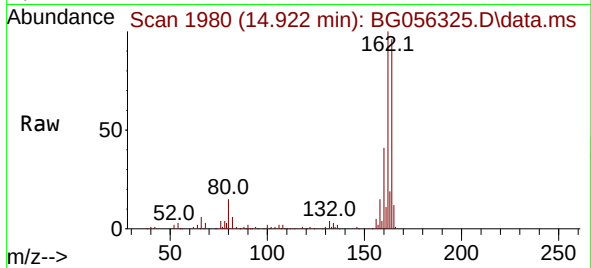




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.922 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

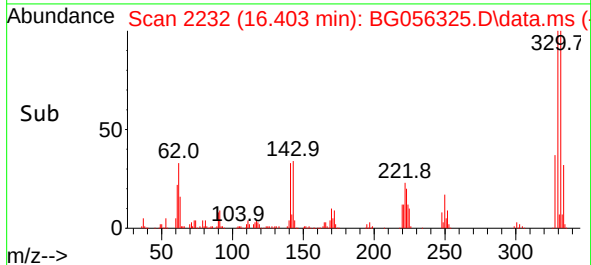
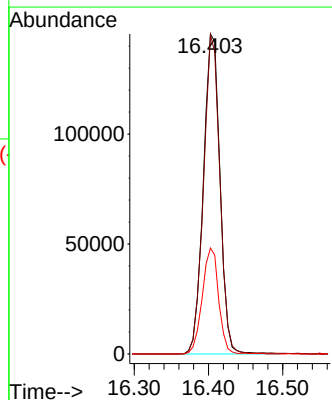
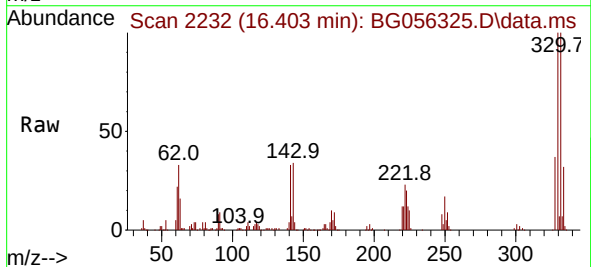
Instrument :
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ClientSampleId :
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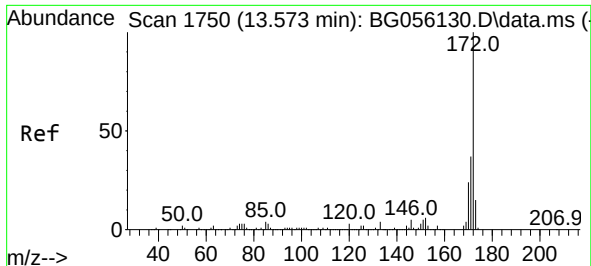
Tgt Ion:164 Resp: 157660
Ion Ratio Lower Upper
164 100
162 103.9 84.7 127.1
160 42.7 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 113.864 ng
RT: 16.403 min Scan# 2232
Delta R.T. -0.005 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion:330 Resp: 227356
Ion Ratio Lower Upper
330 100
332 97.7 77.3 115.9
141 32.6 27.9 41.9

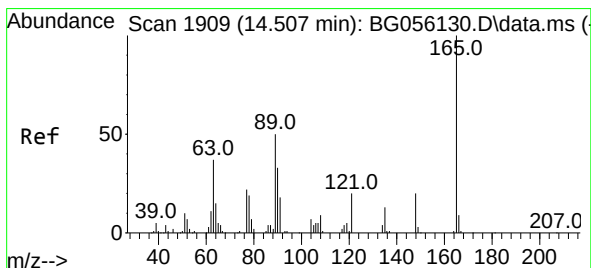
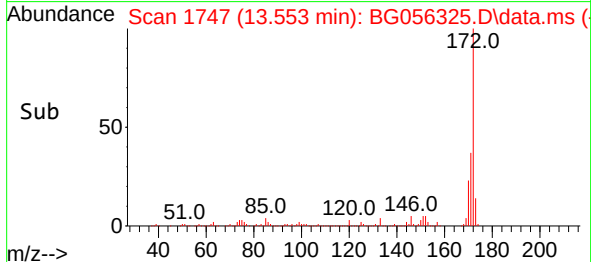
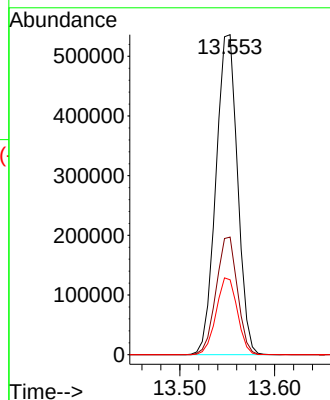
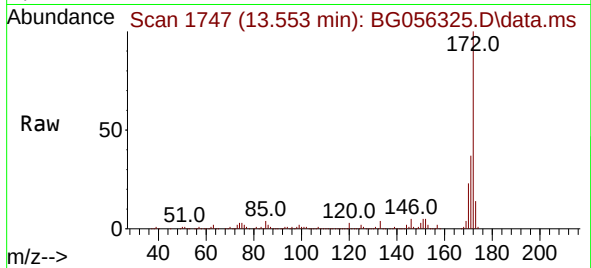




#45
2-Fluorobiphenyl
Concen: 74.489 ng
RT: 13.553 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

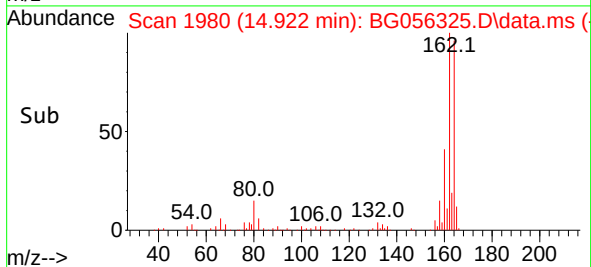
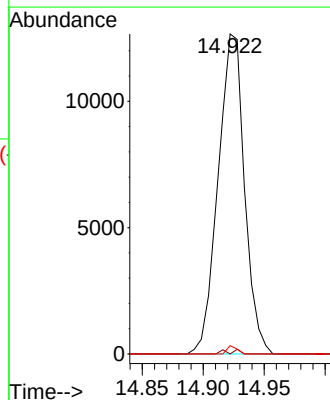
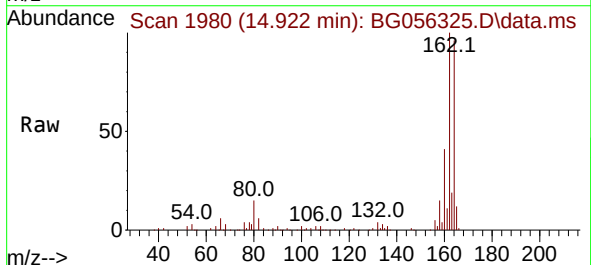
Instrument :
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ClientSampleId :
PB150244BL

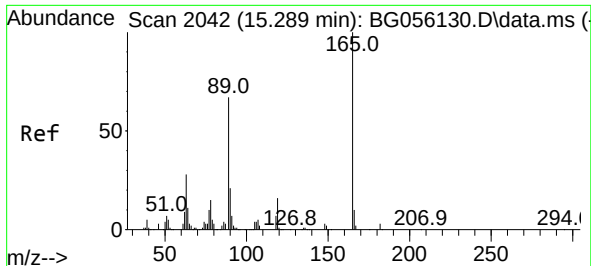
Tgt Ion:172 Resp: 850458
Ion Ratio Lower Upper
172 100
171 36.7 29.6 44.4
170 23.4 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.047 ng
RT: 14.922 min Scan# 1980
Delta R.T. 0.430 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion:165 Resp: 19110
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 2.6 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.039 ng

RT: 14.922 min Scan# 1980

Delta R.T. -0.351 min

Lab File: BG056325.D

Acq: 18 Jan 2023 12:24

Instrument :

BNA_G

ClientSampleId :

PB150244BL

Tgt Ion:165 Resp: 19110

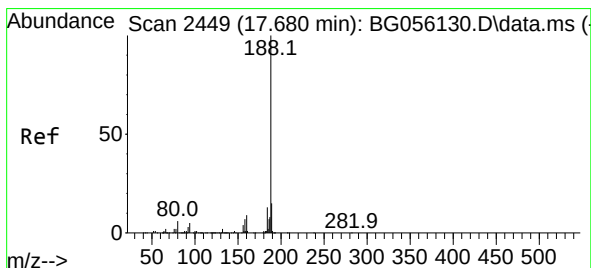
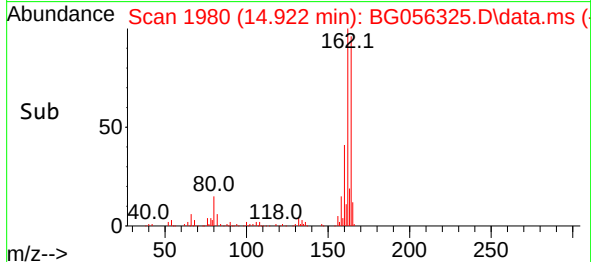
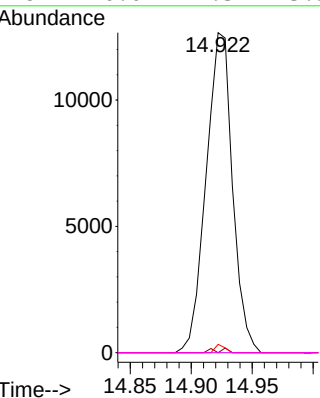
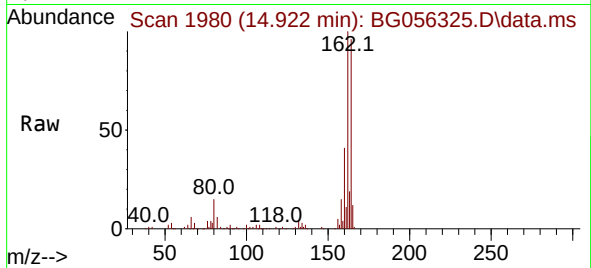
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 2.6 53.2 79.8#

182 0.0 2.3 3.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.660 min Scan# 2446

Delta R.T. -0.005 min

Lab File: BG056325.D

Acq: 18 Jan 2023 12:24

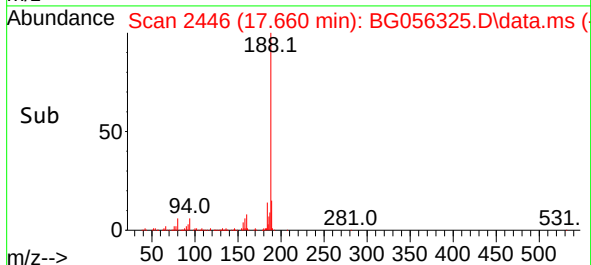
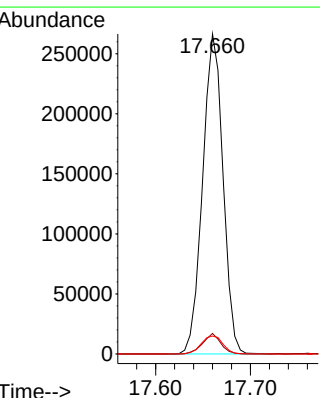
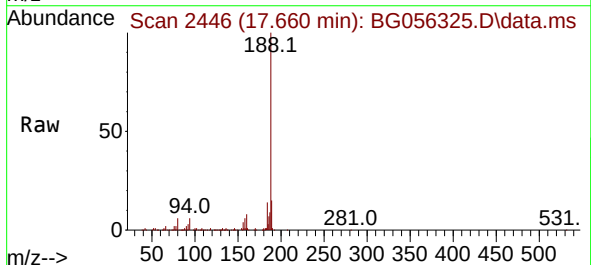
Tgt Ion:188 Resp: 397956

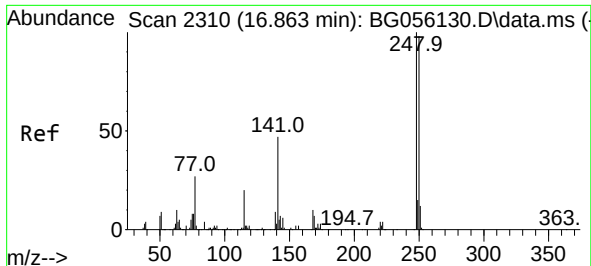
Ion Ratio Lower Upper

188 100

94 6.4 4.2 6.2#

80 5.6 5.0 7.4

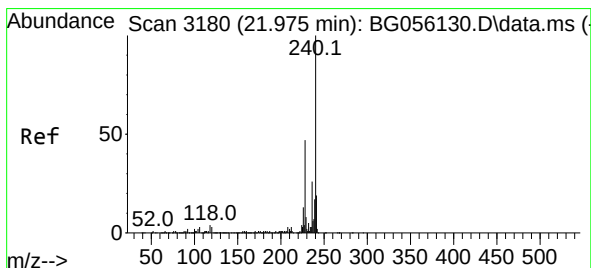
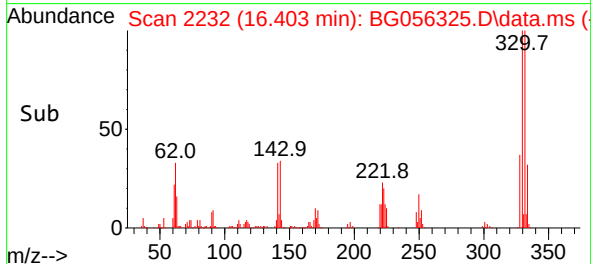
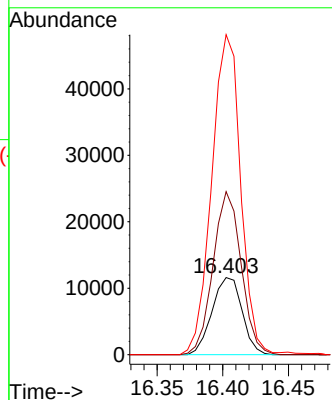
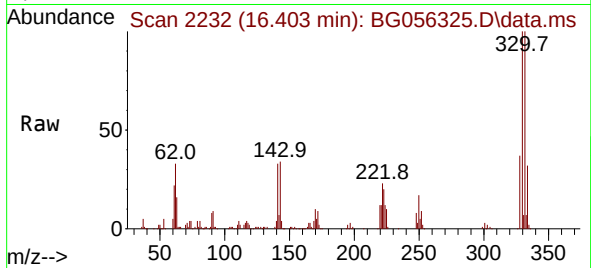




#67
4-Bromophenyl-phenylether
Concen: 3.638 ng
RT: 16.403 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

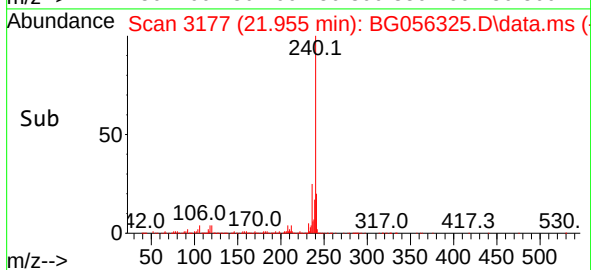
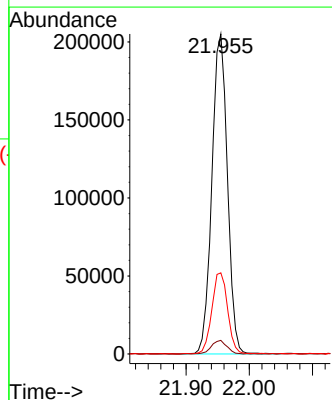
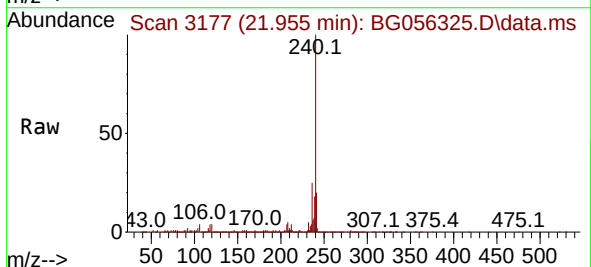
Instrument :
BNA_G
ClientSampleId :
PB150244BL

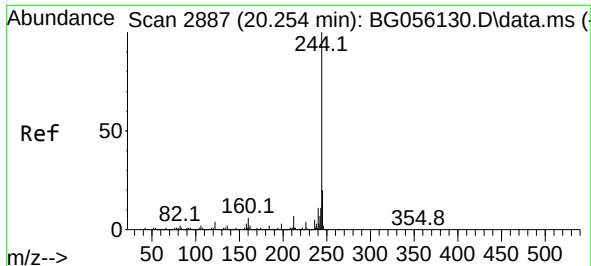
Tgt Ion:248 Resp: 18436
Ion Ratio Lower Upper
248 100
250 157.5 78.2 117.4#
141 309.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3177
Delta R.T. -0.005 min
Lab File: BG056325.D
Acq: 18 Jan 2023 12:24

Tgt Ion:240 Resp: 349451
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.3 20.8 31.2

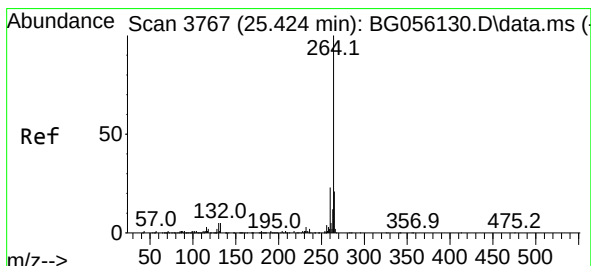
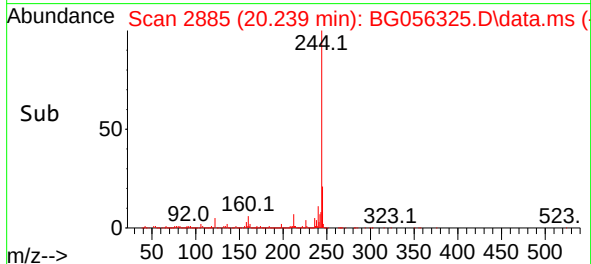
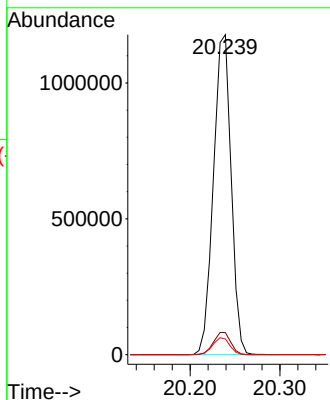
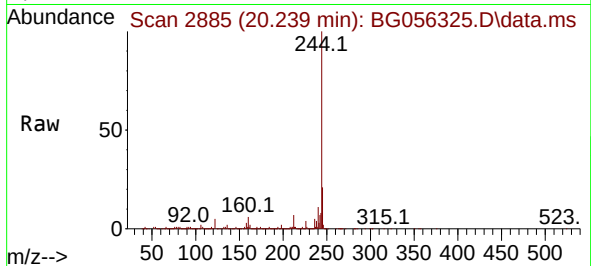




#79
 Terphenyl-d14
 Concen: 82.507 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056325.D
 Acq: 18 Jan 2023 12:24

Instrument :
 BNA_G
 ClientSampleId :
 PB150244BL

Tgt Ion:244 Resp: 1609781
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 4.9 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.398 min Scan# 3763
 Delta R.T. -0.005 min
 Lab File: BG056325.D
 Acq: 18 Jan 2023 12:24

Tgt Ion:264 Resp: 372565
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 22.1 16.7 25.1

