

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012623\
 Data File : BG056446.D
 Acq On : 26 Jan 2023 17:09
 Operator : CG/JU
 Sample : 01214-14
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40

Quant Time: Jan 27 01:00:12 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)

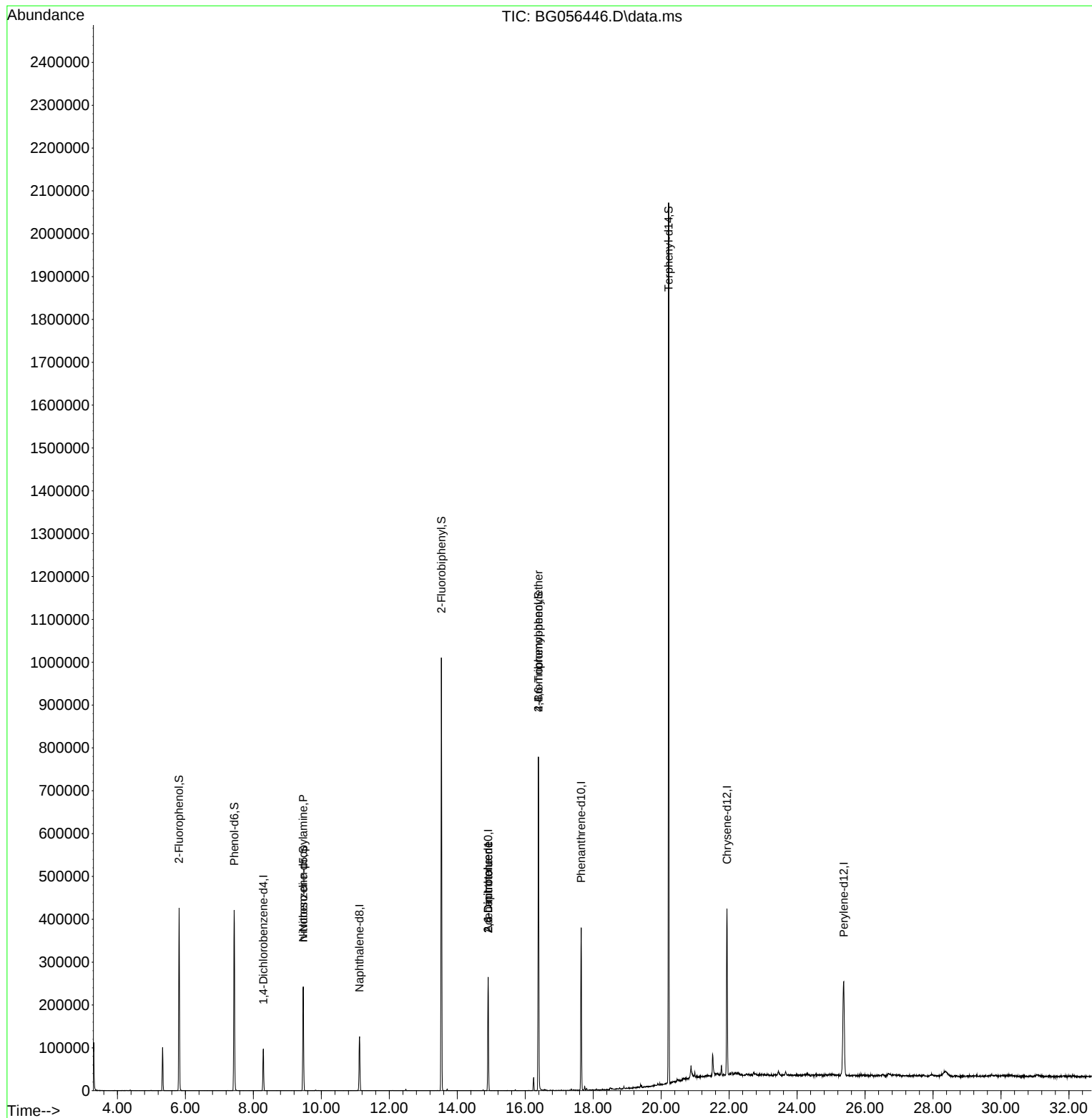
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	32781	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	124408	20.000	ng	# 0.00
39) Acenaphthene-d10	14.909	164	102227	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	263186	20.000	ng	0.00
76) Chrysene-d12	21.937	240	260303	20.000	ng	# 0.00
86) Perylene-d12	25.374	264	285247	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.814	112	240425	130.953	ng	0.00
7) Phenol-d6	7.436	99	328226	116.412	ng	0.00
23) Nitrobenzene-d5	9.469	82	172519	70.933	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	173274	133.835	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	566569	76.533	ng	0.00
79) Terphenyl-d14	20.221	244	1104888	76.023	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.469	70	21136	12.328	ng	# 71
51) 2,6-Dinitrotoluene	14.909	165	13280	7.552	ng	# 32
57) 2,4-Dinitrotoluene	14.909	165	13280	5.400	ng	# 29
67) 4-Bromophenyl-phenylether	16.390	248	13719	4.094	ng	# 1

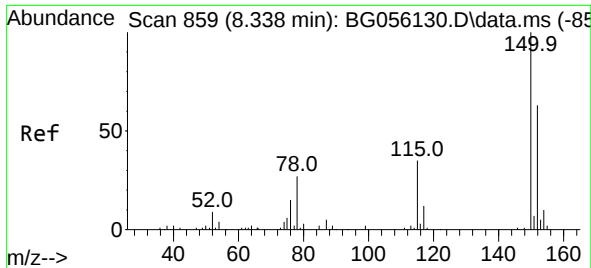
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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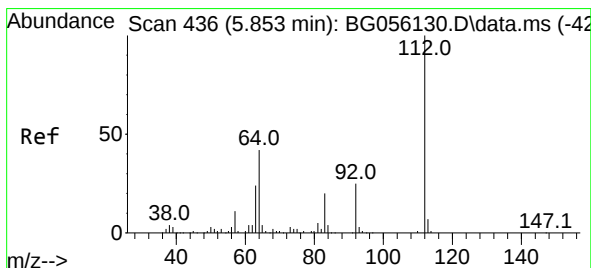
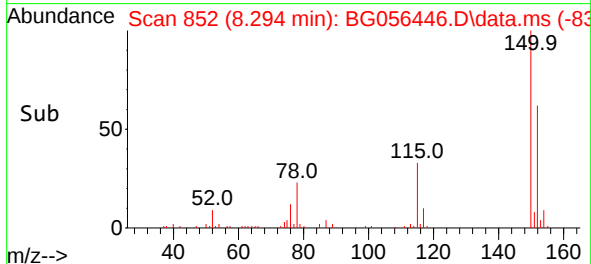
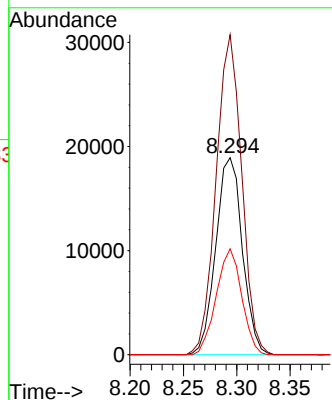
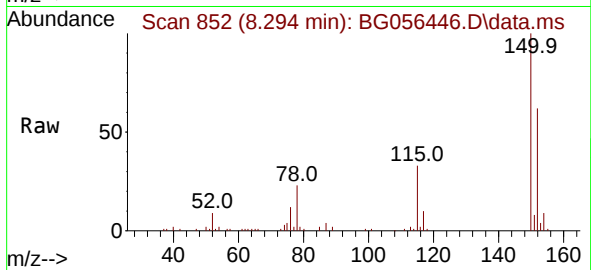




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.294 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

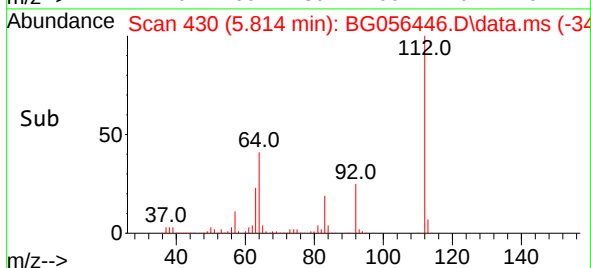
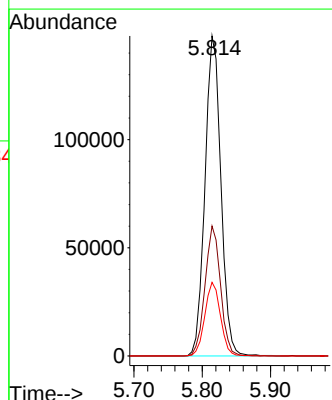
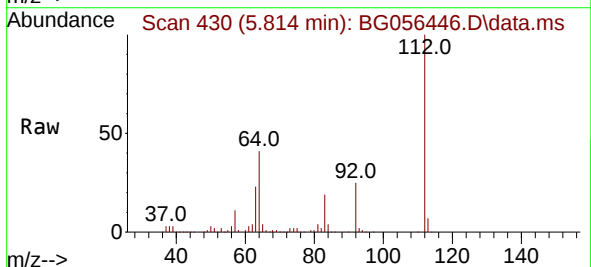
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40

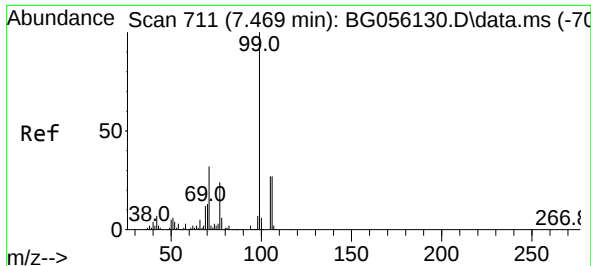
Tgt Ion:152 Resp: 32781
Ion Ratio Lower Upper
152 100
150 162.5 127.9 191.9
115 53.8 44.2 66.2



#5
2-Fluorophenol
Concen: 130.953 ng
RT: 5.814 min Scan# 430
Delta R.T. 0.000 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

Tgt Ion:112 Resp: 240425
Ion Ratio Lower Upper
112 100
64 40.6 33.3 49.9
63 23.0 19.0 28.4





#7

Phenol-d6

Concen: 116.412 ng

RT: 7.436 min Scan# 70

Delta R.T. 0.000 min

Lab File: BG056446.D

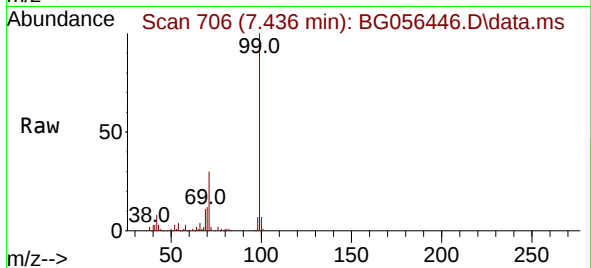
Acq: 26 Jan 2023 17:09

Instrument :

BNA_G

ClientSampleId :

TJRC-011823-B3-30-40



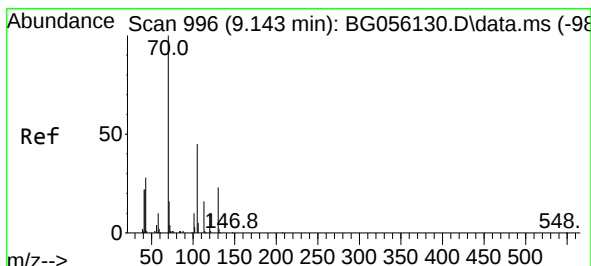
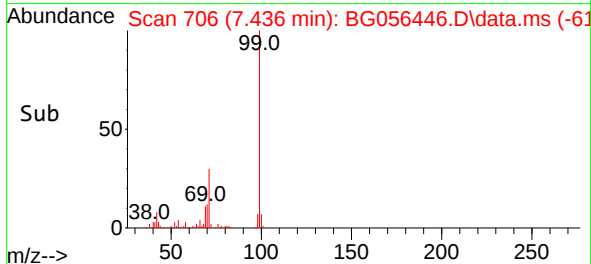
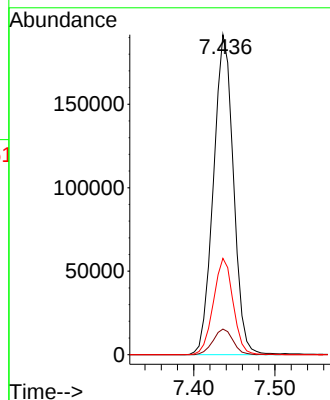
Tgt Ion: 99 Resp: 328226

Ion Ratio Lower Upper

99 100

42 8.0 5.9 8.9

71 30.1 25.4 38.2



#19

n-Nitroso-di-n-propylamine

Concen: 12.328 ng

RT: 9.469 min Scan# 1052

Delta R.T. 0.371 min

Lab File: BG056446.D

Acq: 26 Jan 2023 17:09

Tgt Ion: 70 Resp: 21136

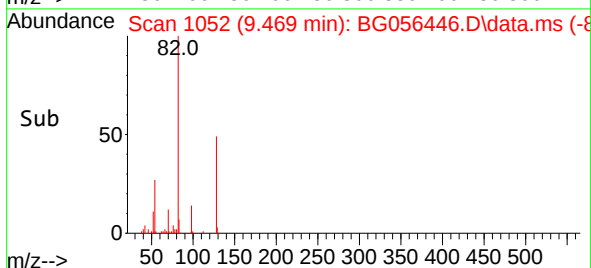
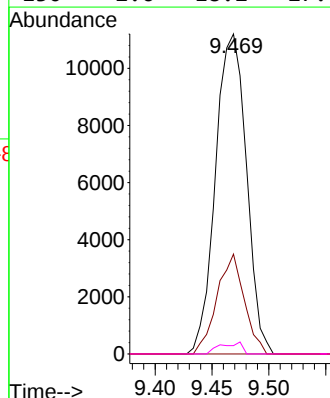
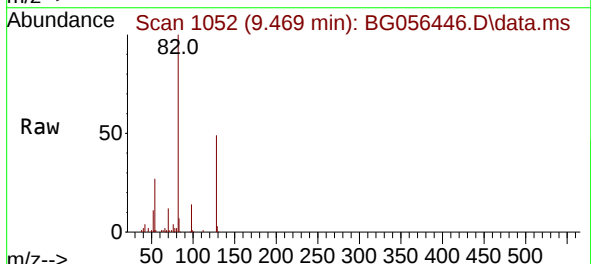
Ion Ratio Lower Upper

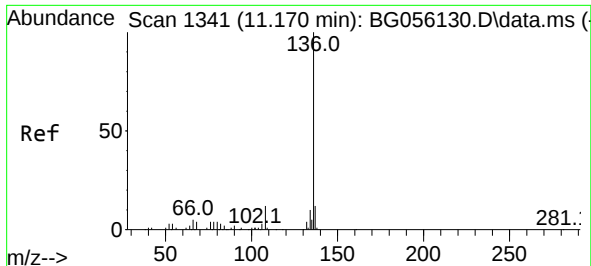
70 100

42 31.2 18.2 27.2#

101 0.0 8.3 12.5#

130 2.6 18.2 27.4#

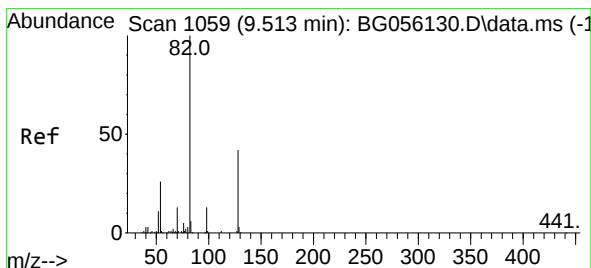
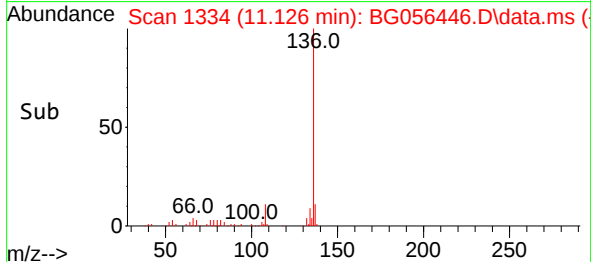
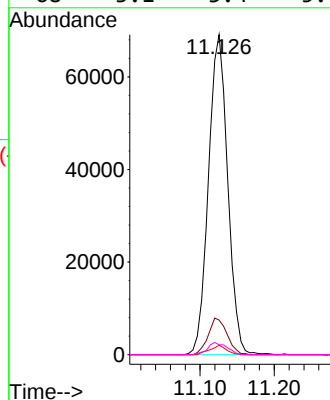
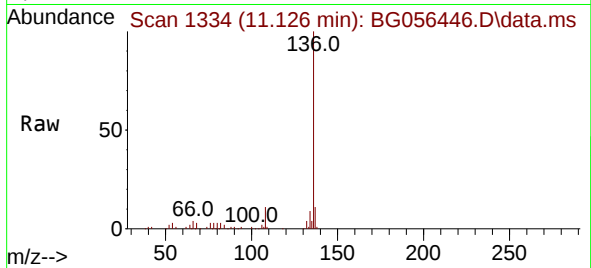




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

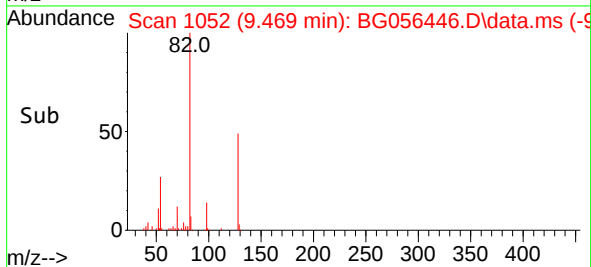
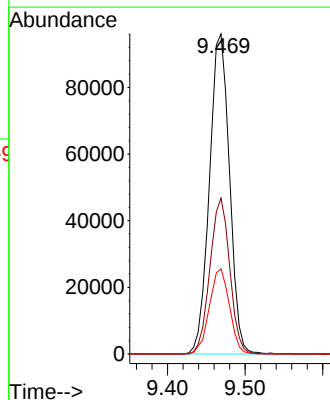
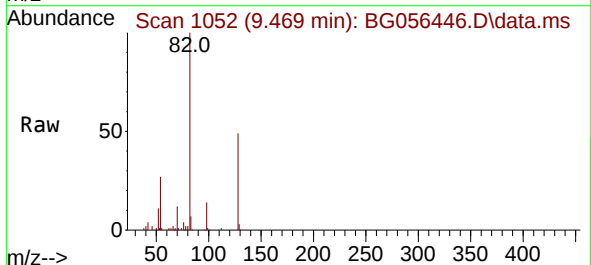
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40

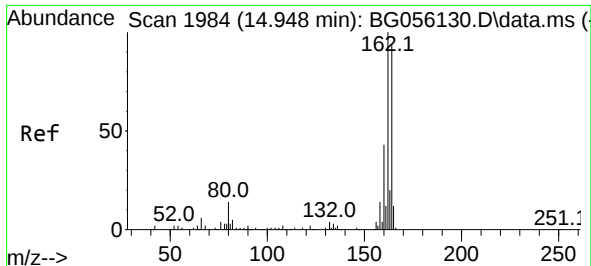
Tgt Ion:136 Resp: 124408
Ion Ratio Lower Upper
136 100
137 10.8 9.4 14.0
54 2.9 2.2 3.2
68 3.1 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 70.933 ng
RT: 9.469 min Scan# 1052
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

Tgt Ion: 82 Resp: 172519
Ion Ratio Lower Upper
82 100
128 48.7 33.4 50.2
54 26.6 20.3 30.5

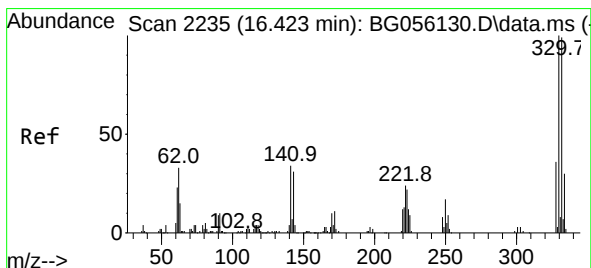
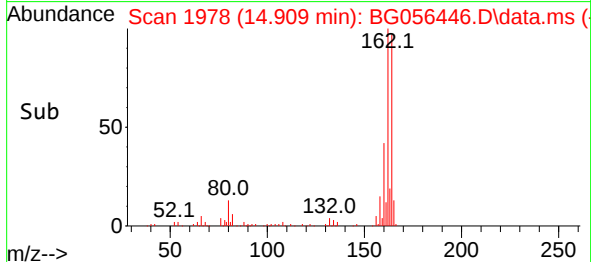
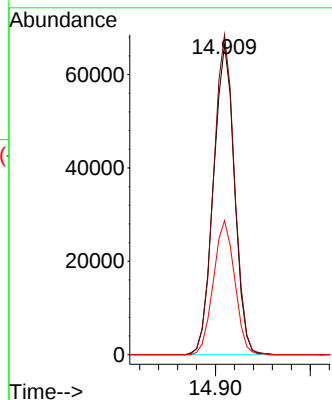
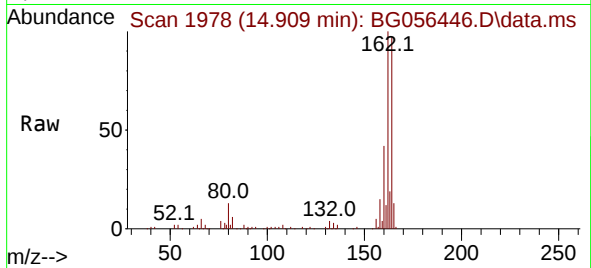




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1984
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

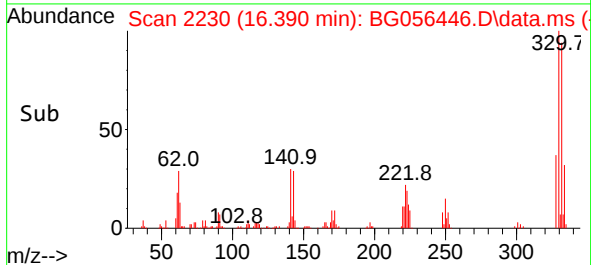
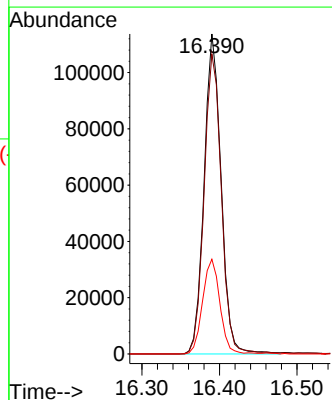
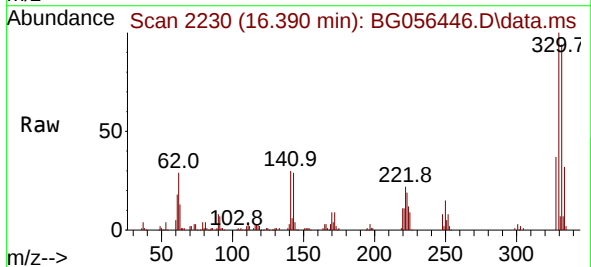
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40

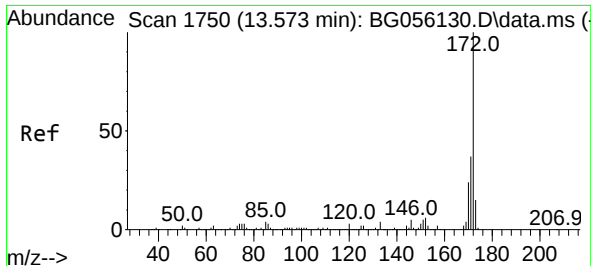
Tgt Ion:164 Resp: 102227
Ion Ratio Lower Upper
164 100
162 103.2 84.7 127.1
160 43.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 133.835 ng
RT: 16.390 min Scan# 2230
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

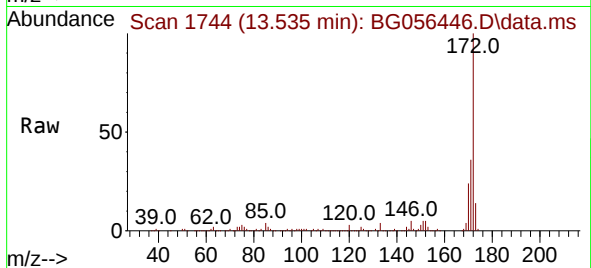
Tgt Ion:330 Resp: 173274
Ion Ratio Lower Upper
330 100
332 95.4 77.3 115.9
141 30.1 27.9 41.9



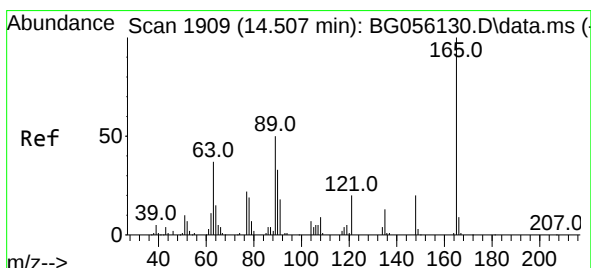
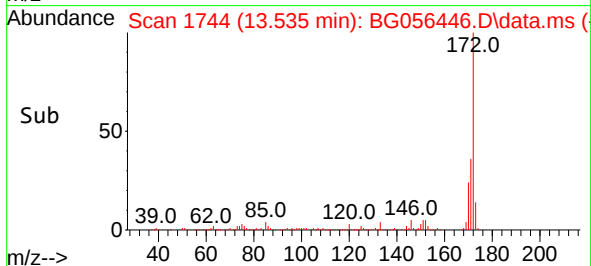
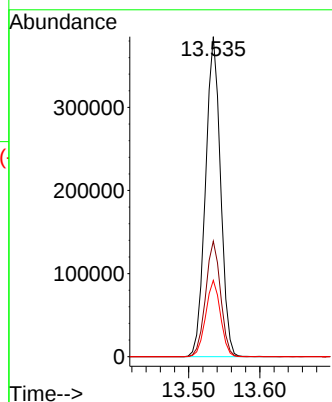


#45
2-Fluorobiphenyl
Concen: 76.533 ng
RT: 13.535 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40

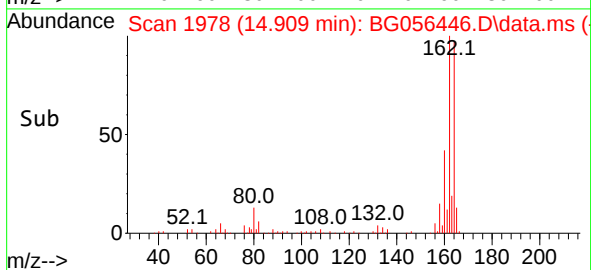
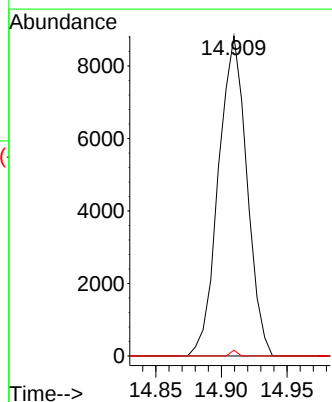
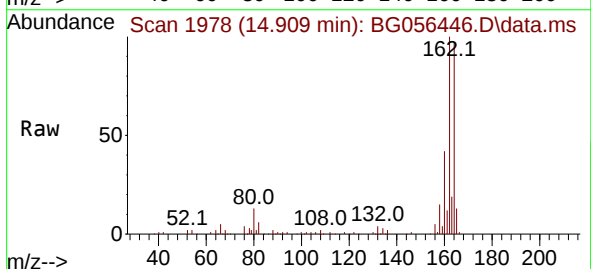


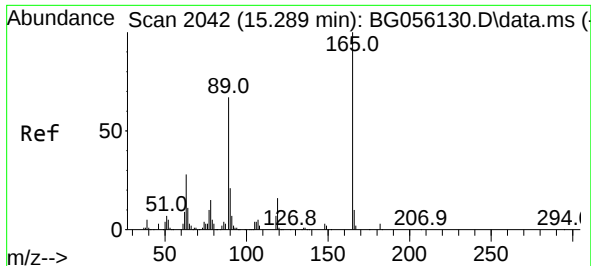
Tgt Ion:172 Resp: 566569
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 23.8 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.552 ng
RT: 14.909 min Scan# 1978
Delta R.T. 0.429 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

Tgt Ion:165 Resp: 13280
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.8 39.8 59.8#

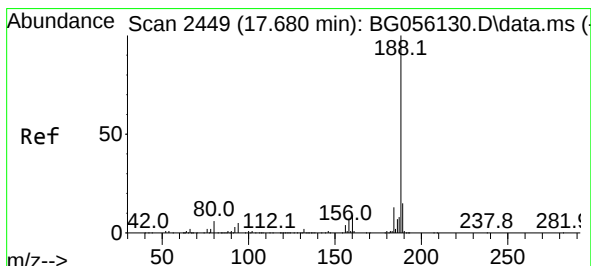
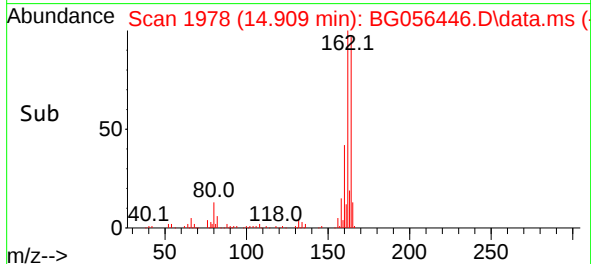
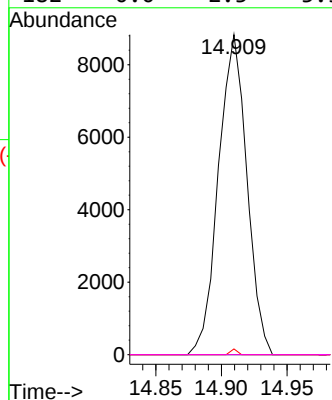
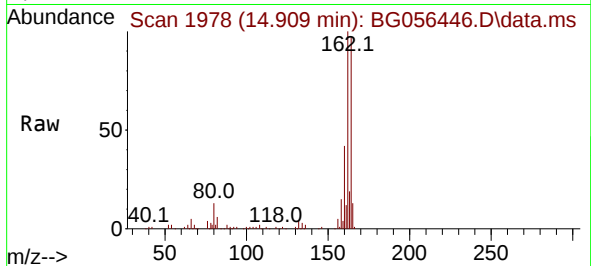




#57
2,4-Dinitrotoluene
Concen: 5.400 ng
RT: 14.909 min Scan# 14
Delta R.T. -0.358 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

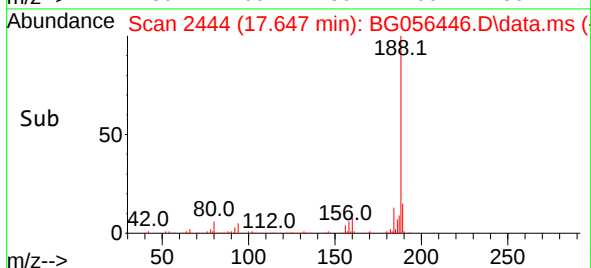
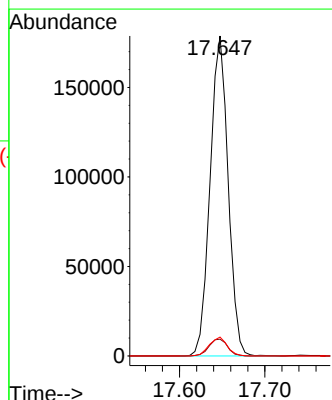
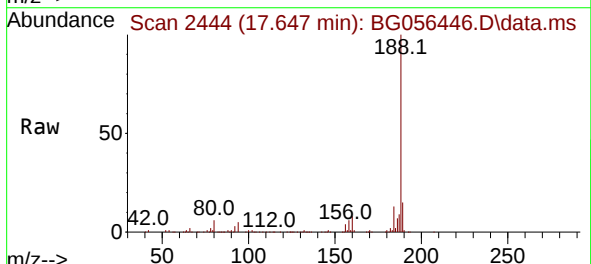
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ClientSampleId :
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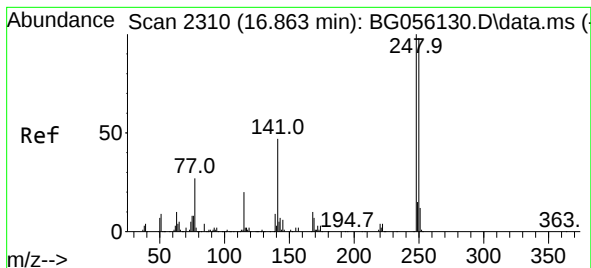
Tgt Ion:165 Resp: 13280
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.8 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2444
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

Tgt Ion:188 Resp: 263186
Ion Ratio Lower Upper
188 100
94 5.3 4.2 6.2
80 5.9 5.0 7.4

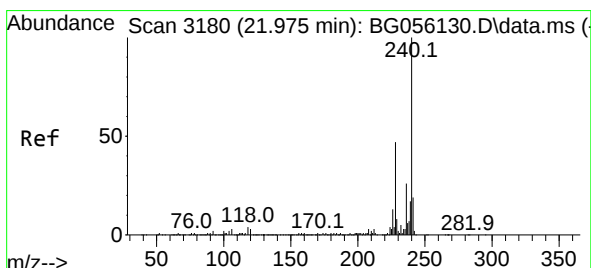
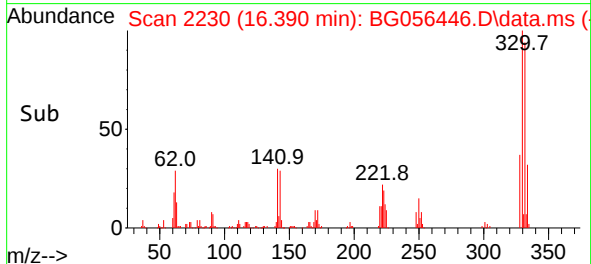
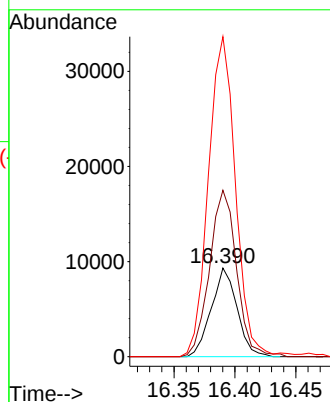
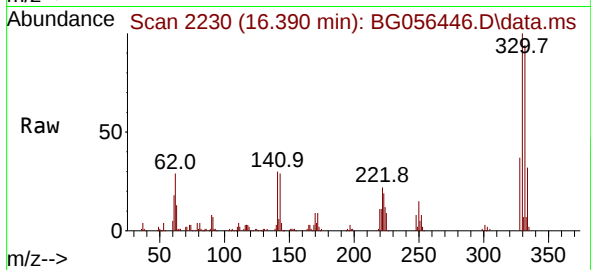




#67
4-Bromophenyl-phenylether
Concen: 4.094 ng
RT: 16.390 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

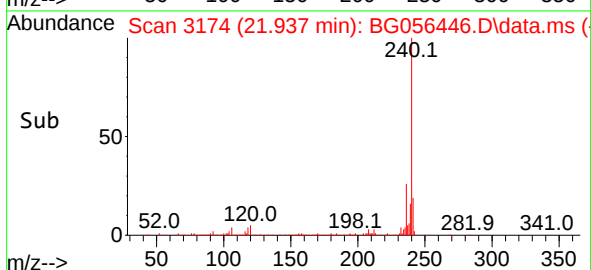
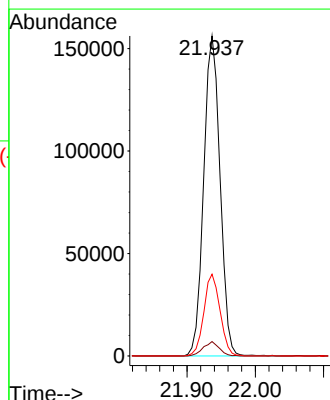
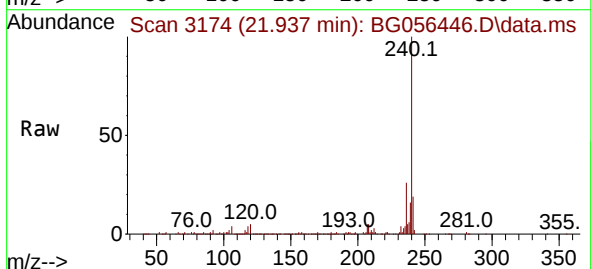
Instrument :
BNA_G
ClientSampleId :
TJRC-011823-B3-30-40

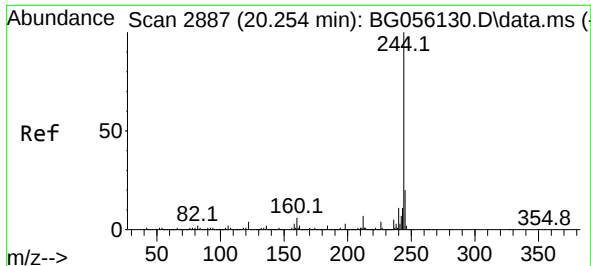
Tgt Ion:248 Resp: 13719
Ion Ratio Lower Upper
248 100
250 247.3 78.2 117.4#
141 360.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.937 min Scan# 3174
Delta R.T. -0.005 min
Lab File: BG056446.D
Acq: 26 Jan 2023 17:09

Tgt Ion:240 Resp: 260303
Ion Ratio Lower Upper
240 100
120 4.5 2.6 4.0#
236 25.6 20.8 31.2

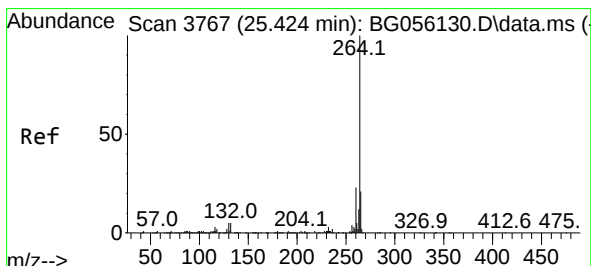
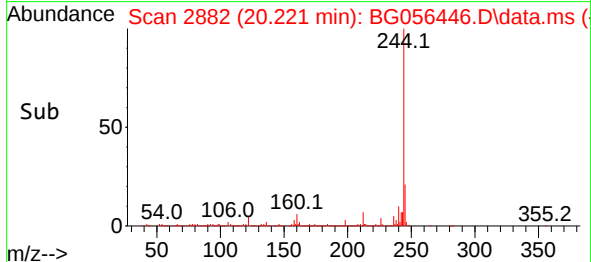
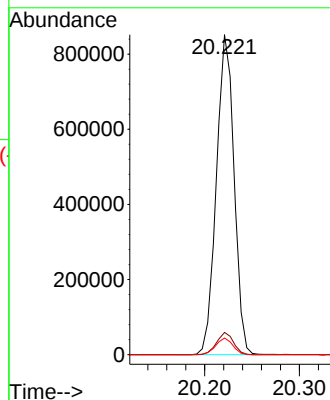
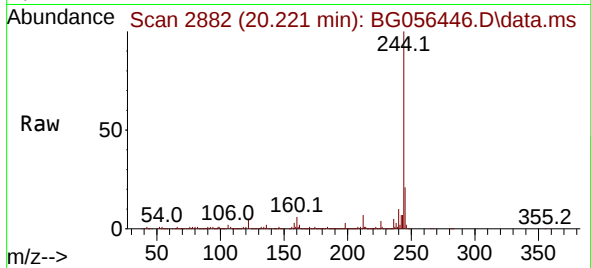




#79
 Terphenyl-d14
 Concen: 76.023 ng
 RT: 20.221 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG056446.D
 Acq: 26 Jan 2023 17:09

Instrument :
 BNA_G
 ClientSampleId :
 TJRC-011823-B3-30-40

Tgt Ion:244 Resp: 1104888
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.374 min Scan# 3759
 Delta R.T. 0.000 min
 Lab File: BG056446.D
 Acq: 26 Jan 2023 17:09

Tgt Ion:264 Resp: 285247
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 21.4 16.7 25.1

