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 Data File : BG056317.D
 Acq On : 17 Jan 2023 17:24
 Operator : CG/JU
 Sample : 01411-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-WALL

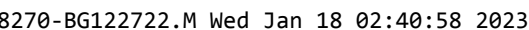
Quant Time: Jan 18 02:40:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 03:38:40 2023
 Response via : Initial Calibration

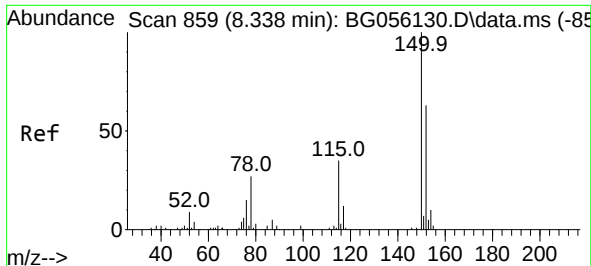
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	45957	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	171485	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	134280	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	328725	20.000	ng	0.00
76) Chrysene-d12	21.960	240	295870	20.000	ng	0.00
86) Perylene-d12	25.409	264	327193	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	404678	157.223	ng	0.01
7) Phenol-d6	7.454	99	590061	149.277	ng	0.00
23) Nitrobenzene-d5	9.487	82	314930	93.939	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	236952	139.332	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	960790	98.805	ng	0.00
79) Terphenyl-d14	20.239	244	1673067	101.279	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.487	70	40083	16.676	ng	# 74
51) 2,6-Dinitrotoluene	14.927	165	18120	7.845	ng	# 35
57) 2,4-Dinitrotoluene	14.927	165	18120	5.609	ng	# 32
67) 4-Bromophenyl-phenylether	16.402	248	19282	4.606	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.802	149	69662	8.082	ng	99

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

Quant Time: Jan 18 02:40:46 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

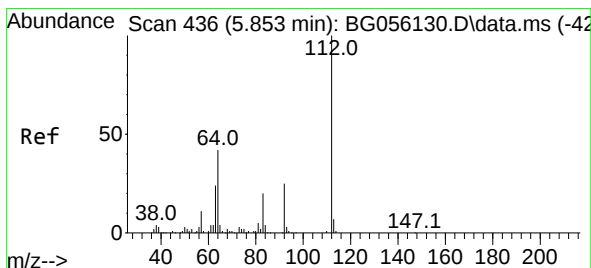
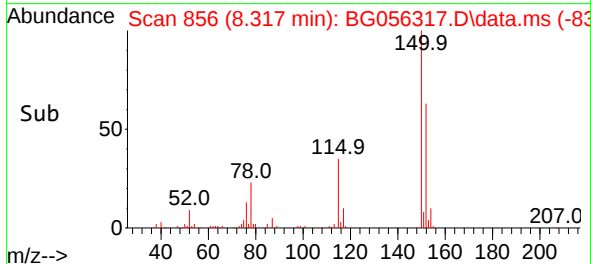
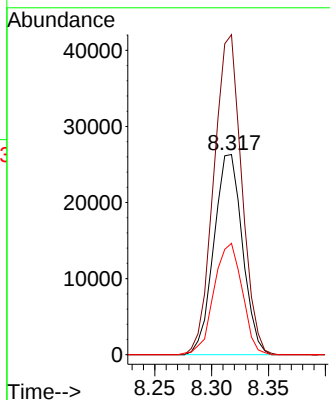
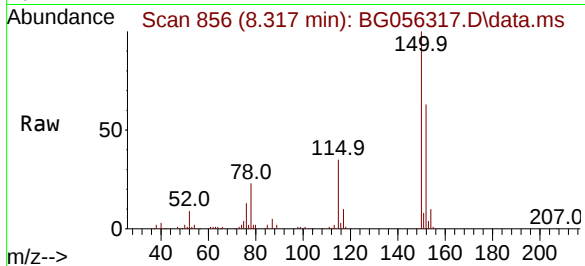




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

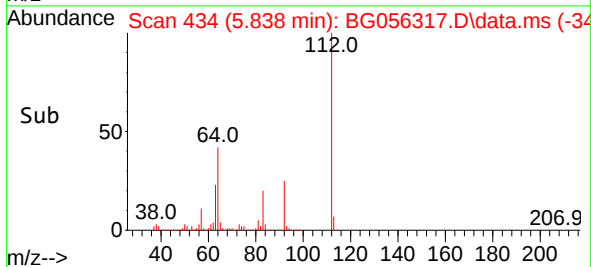
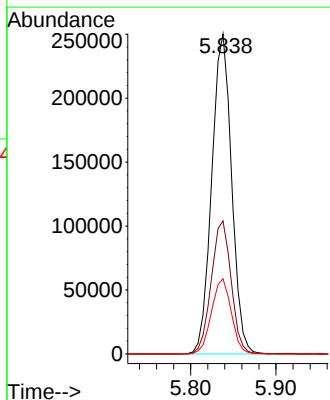
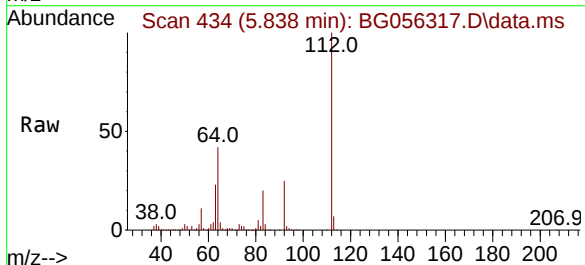
Instrument :
BNA_G
ClientSampleId :
SOUTH-WALL

Tgt Ion:152 Resp: 45957
Ion Ratio Lower Upper
152 100
150 159.8 127.9 191.9
115 55.6 44.2 66.2



#5
2-Fluorophenol
Concen: 157.223 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion:112 Resp: 404678
Ion Ratio Lower Upper
112 100
64 41.6 33.3 49.9
63 23.5 19.0 28.4

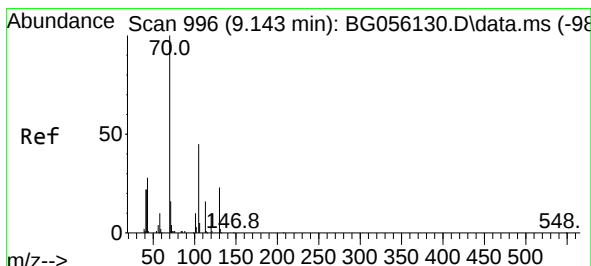
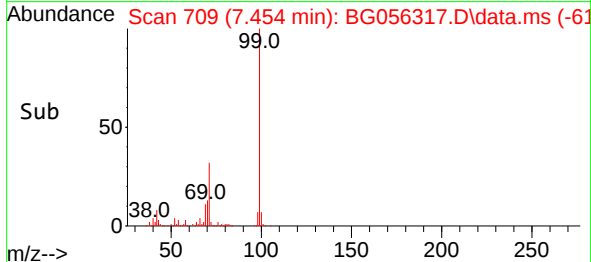
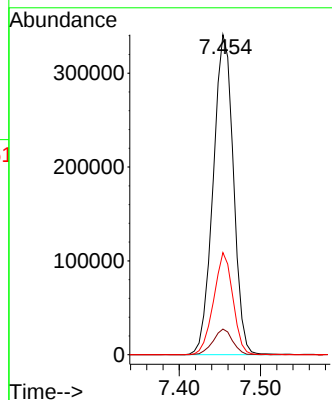
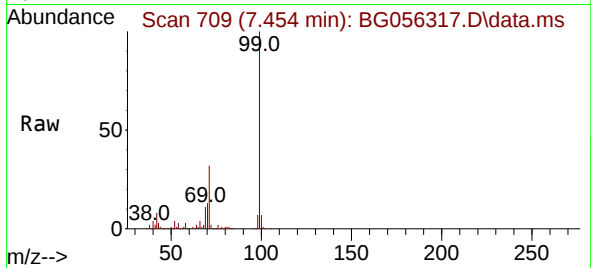




#7
Phenol-d6
Concen: 149.277 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

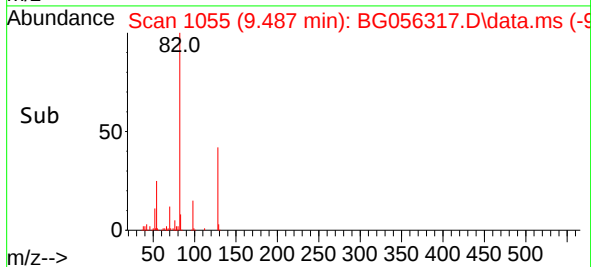
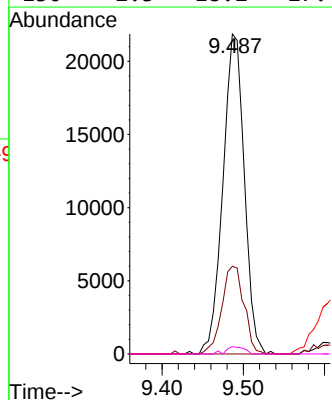
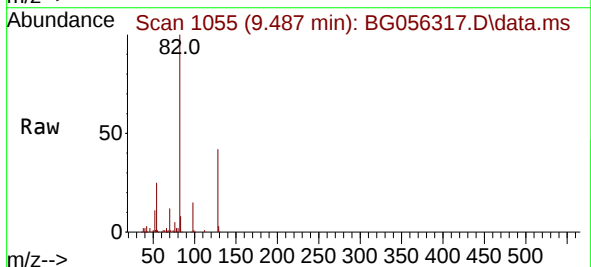
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BNA_G
ClientSampleId :
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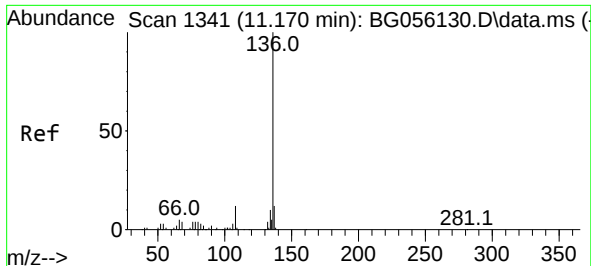
Tgt Ion: 99 Resp: 590061
Ion Ratio Lower Upper
99 100
42 8.0 5.9 8.9
71 31.9 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.676 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion: 70 Resp: 40083
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#

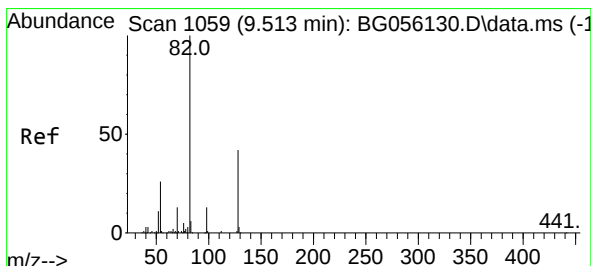
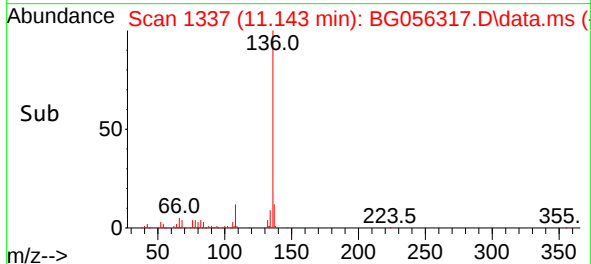
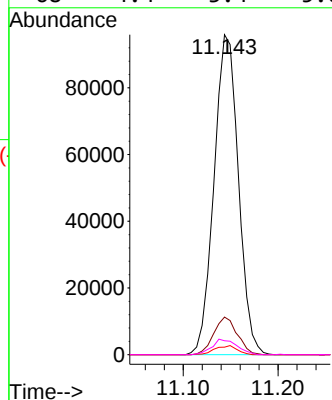
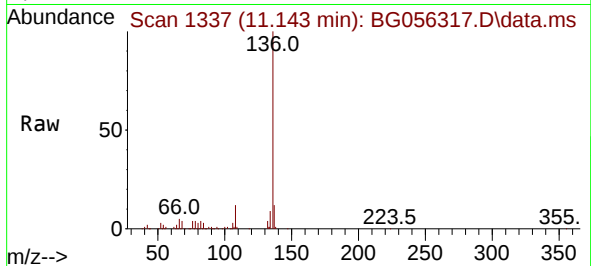




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.143 min Scan# 111
Delta R.T. -0.005 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

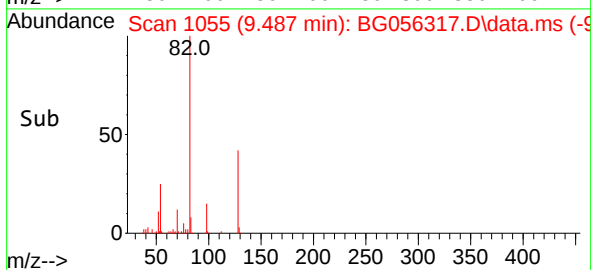
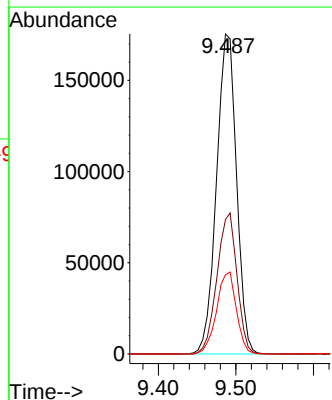
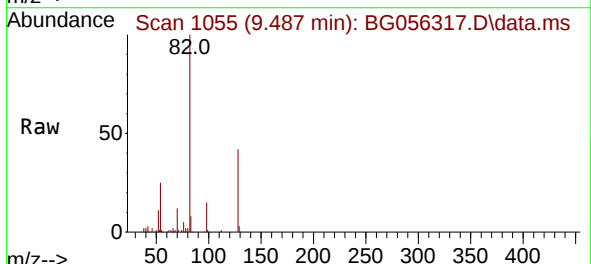
Instrument :
BNA_G
ClientSampleId :
SOUTH-WALL

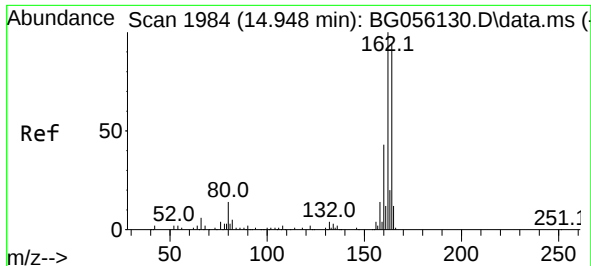
Tgt Ion:136 Resp: 171485
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.4 2.2 3.2
68 4.4 3.4 5.0



#23
Nitrobenzene-d5
Concen: 93.939 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion: 82 Resp: 314930
Ion Ratio Lower Upper
82 100
128 42.0 33.4 50.2
54 24.8 20.3 30.5

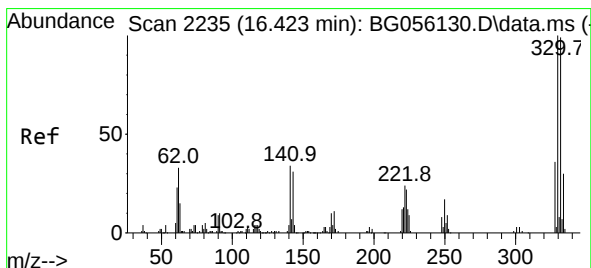
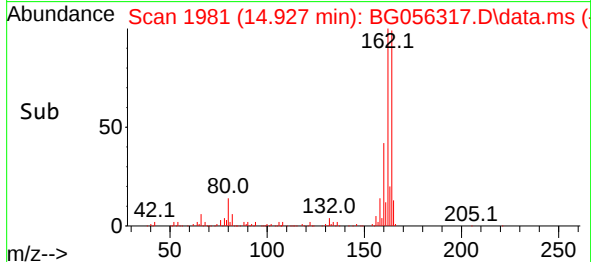
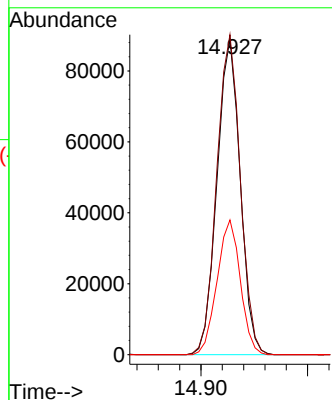
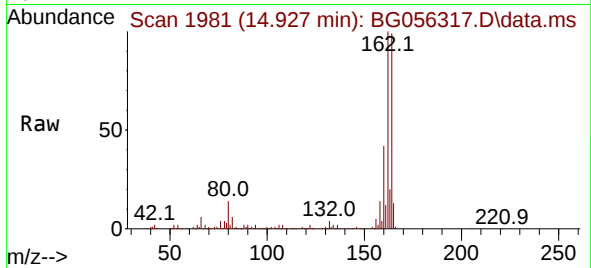




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.001 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

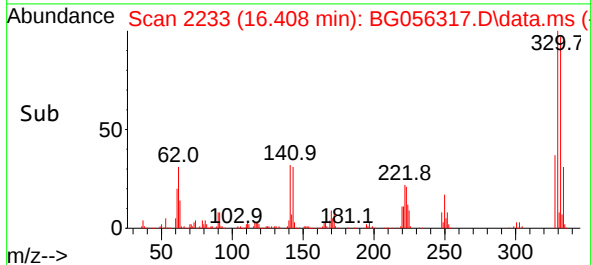
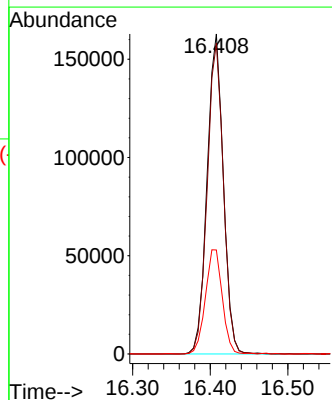
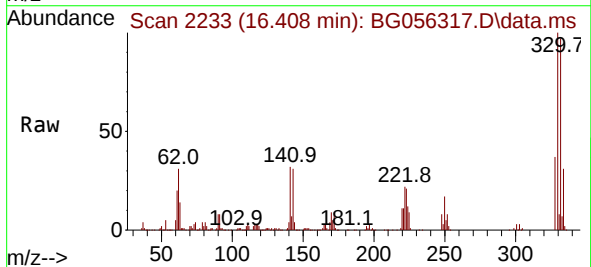
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ClientSampleId :
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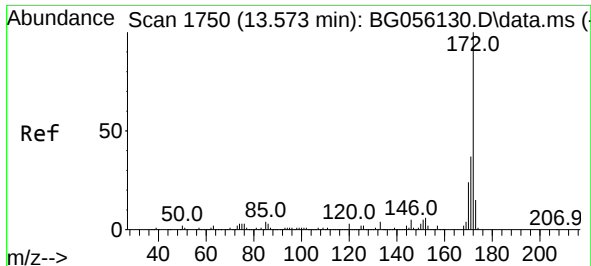
Tgt Ion:164 Resp: 134280
Ion Ratio Lower Upper
164 100
162 101.3 84.7 127.1
160 42.6 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 139.332 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion:330 Resp: 236952
Ion Ratio Lower Upper
330 100
332 97.0 77.3 115.9
141 34.0 27.9 41.9

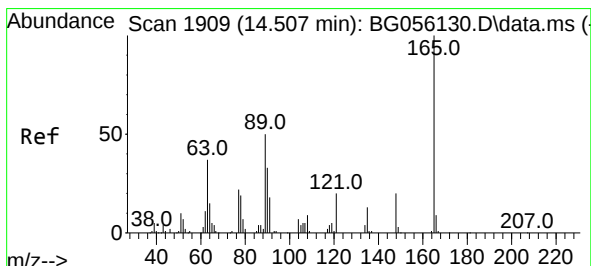
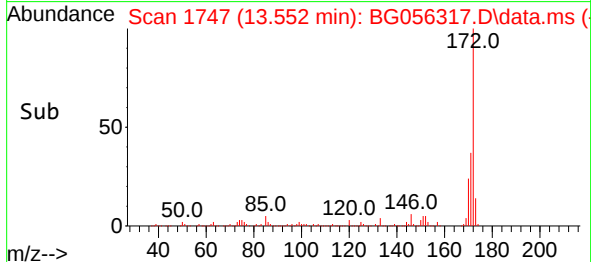
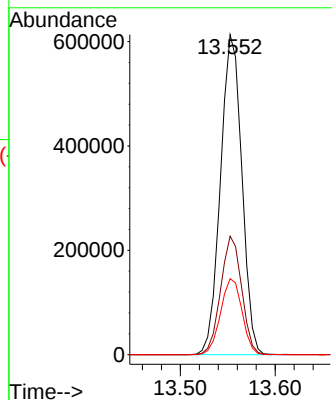
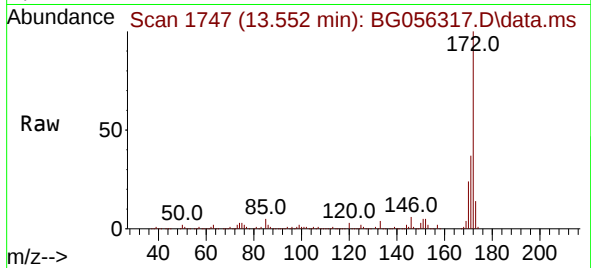




#45
2-Fluorobiphenyl
Concen: 98.805 ng
RT: 13.552 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

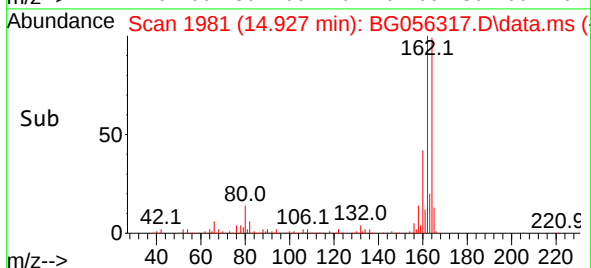
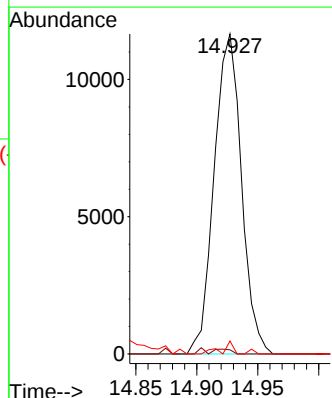
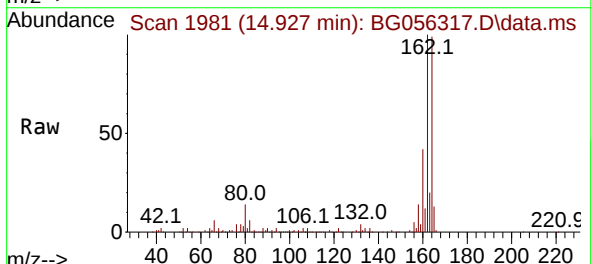
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ClientSampleId :
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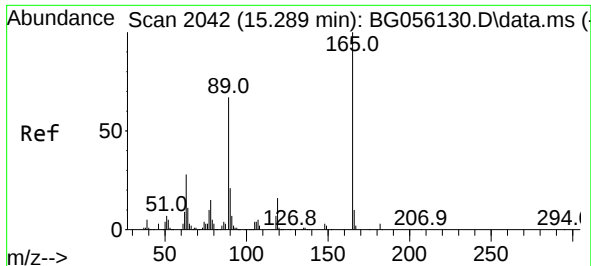
Tgt Ion:172 Resp: 960790
Ion Ratio Lower Upper
172 100
171 37.0 29.6 44.4
170 23.8 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.845 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.435 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion:165 Resp: 18120
Ion Ratio Lower Upper
165 100
63 1.3 32.2 48.2#
89 4.0 39.8 59.8#

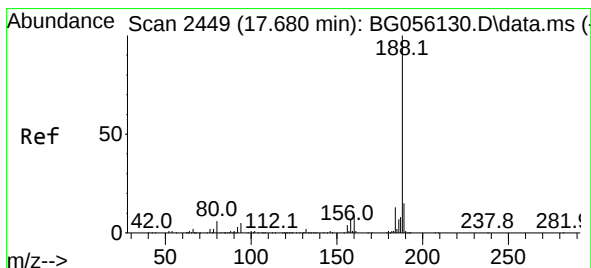
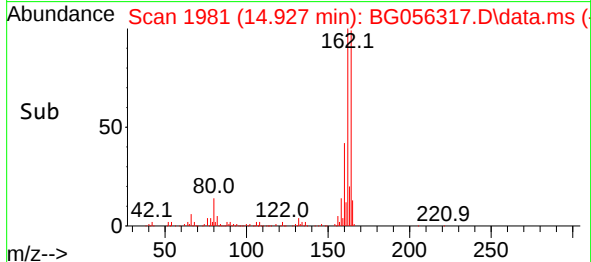
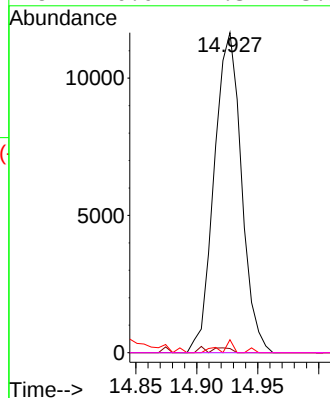
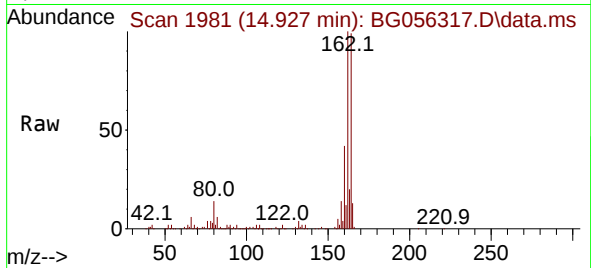




#57
2,4-Dinitrotoluene
Concen: 5.609 ng
RT: 14.927 min Scan# 1981
Delta R.T. -0.346 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

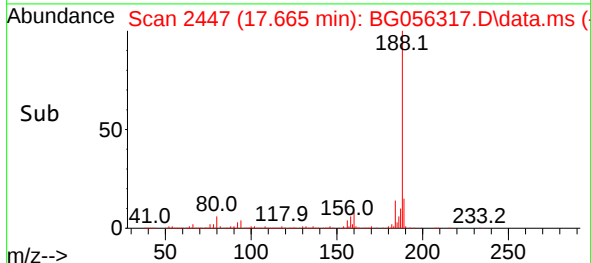
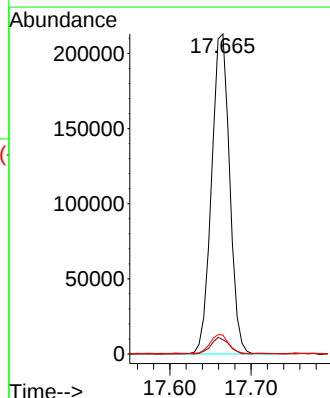
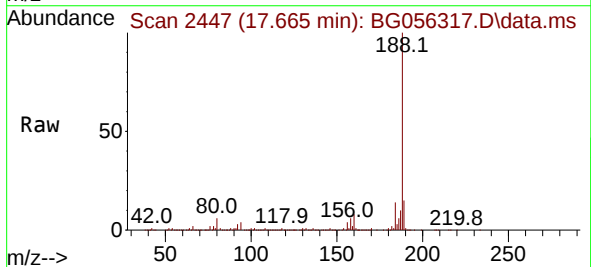
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BNA_G
ClientSampleId :
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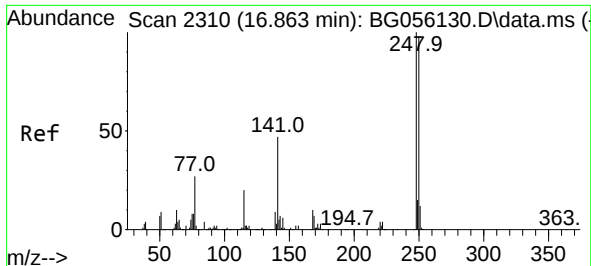
Tgt Ion:165 Resp: 18120
Ion Ratio Lower Upper
165 100
63 1.3 22.6 34.0#
89 4.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion:188 Resp: 328725
Ion Ratio Lower Upper
188 100
94 4.5 4.2 6.2
80 5.9 5.0 7.4

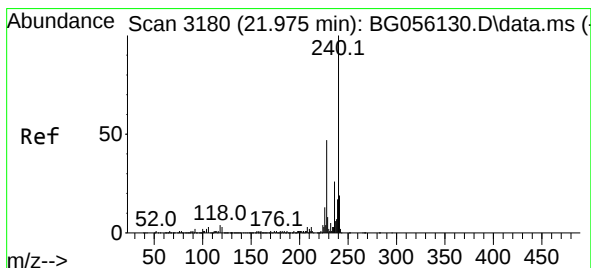
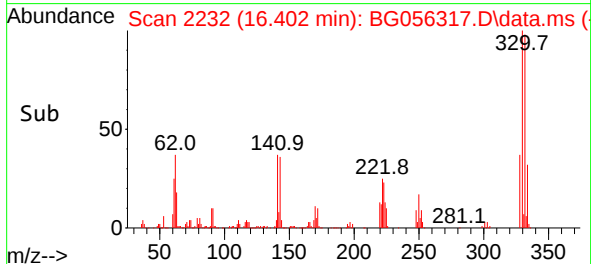
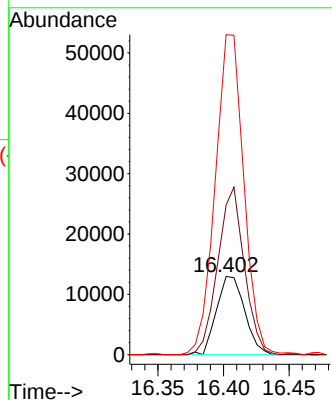
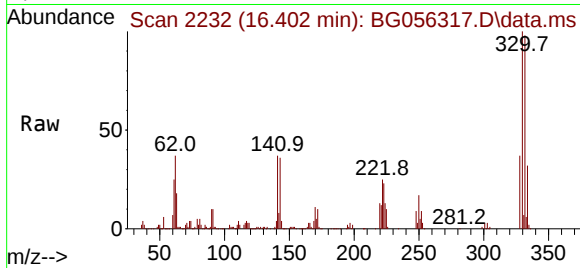




#67
4-Bromophenyl-phenylether
Concen: 4.606 ng
RT: 16.402 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

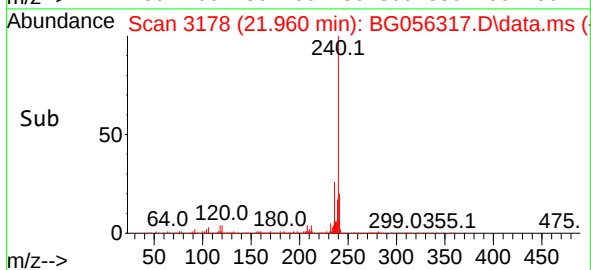
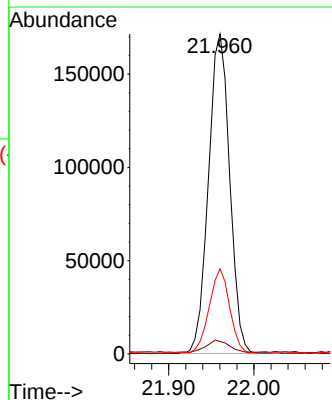
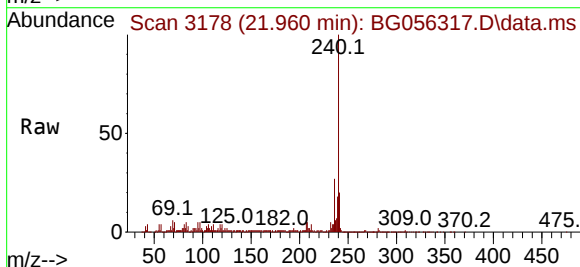
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BNA_G
ClientSampleId :
SOUTH-WALL

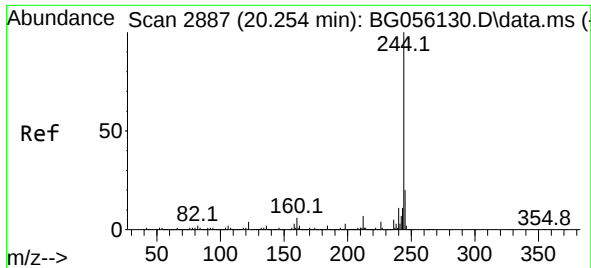
Tgt Ion:248 Resp: 19282
Ion Ratio Lower Upper
248 100
250 191.2 78.2 117.4#
141 409.2 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3178
Delta R.T. 0.001 min
Lab File: BG056317.D
Acq: 17 Jan 2023 17:24

Tgt Ion:240 Resp: 295870
Ion Ratio Lower Upper
240 100
120 3.9 2.6 4.0
236 26.6 20.8 31.2

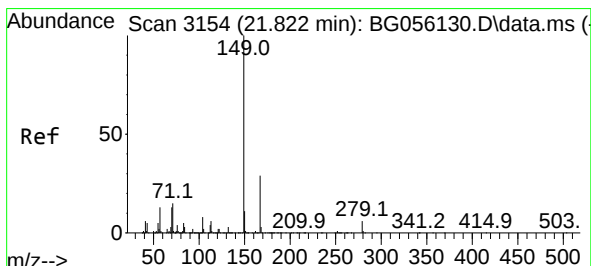
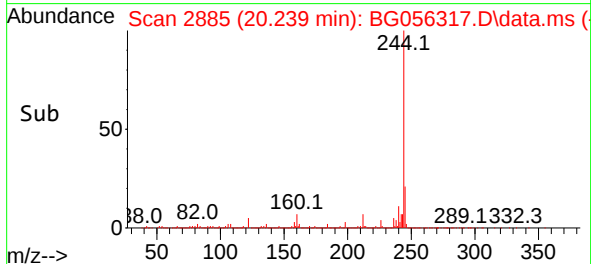
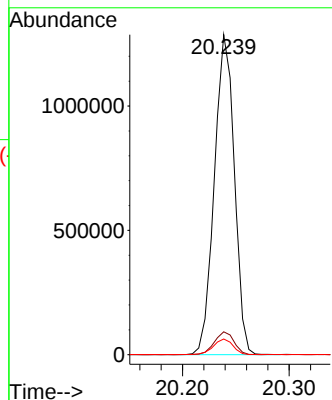
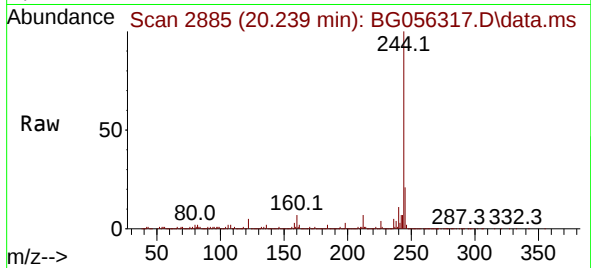




#79
 Terphenyl-d14
 Concen: 101.279 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056317.D
 Acq: 17 Jan 2023 17:24

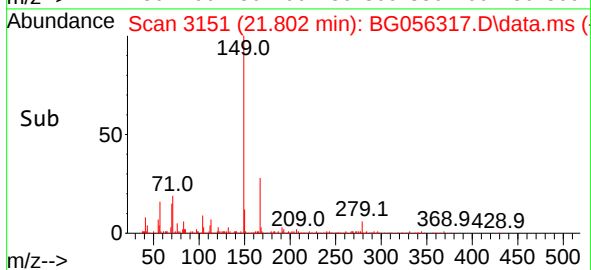
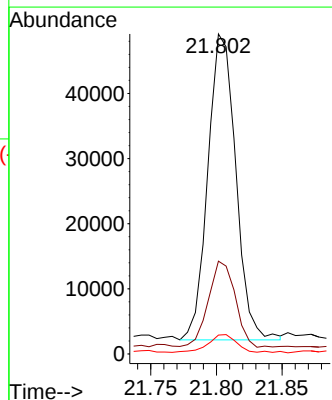
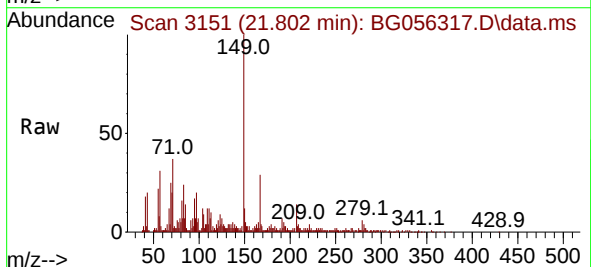
Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-WALL

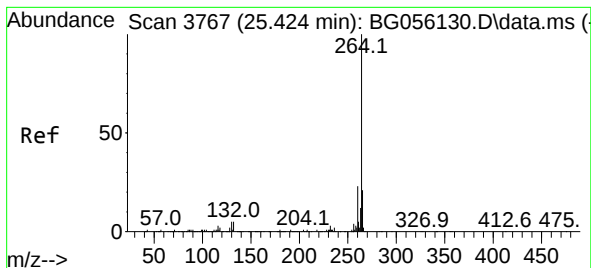
Tgt Ion:244 Resp: 1673067
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 4.9 3.5 5.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.082 ng
 RT: 21.802 min Scan# 3151
 Delta R.T. -0.005 min
 Lab File: BG056317.D
 Acq: 17 Jan 2023 17:24

Tgt Ion:149 Resp: 69662
 Ion Ratio Lower Upper
 149 100
 167 29.0 23.4 35.2
 279 5.9 4.7 7.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.409 min Scan# 31

Delta R.T. 0.007 min

Lab File: BG056317.D

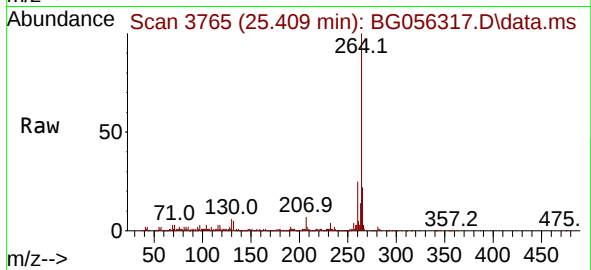
Acq: 17 Jan 2023 17:24

Instrument :

BNA_G

ClientSampleId :

SOUTH-WALL



Tgt Ion:264 Resp: 327193

Ion Ratio Lower Upper

264 100

260 25.4 18.6 28.0

265 22.0 16.7 25.1

