

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056285.D
 Acq On : 13 Jan 2023 20:00
 Operator : CG/JU
 Sample : 01140-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Quant Time: Jan 16 00:24:25 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)

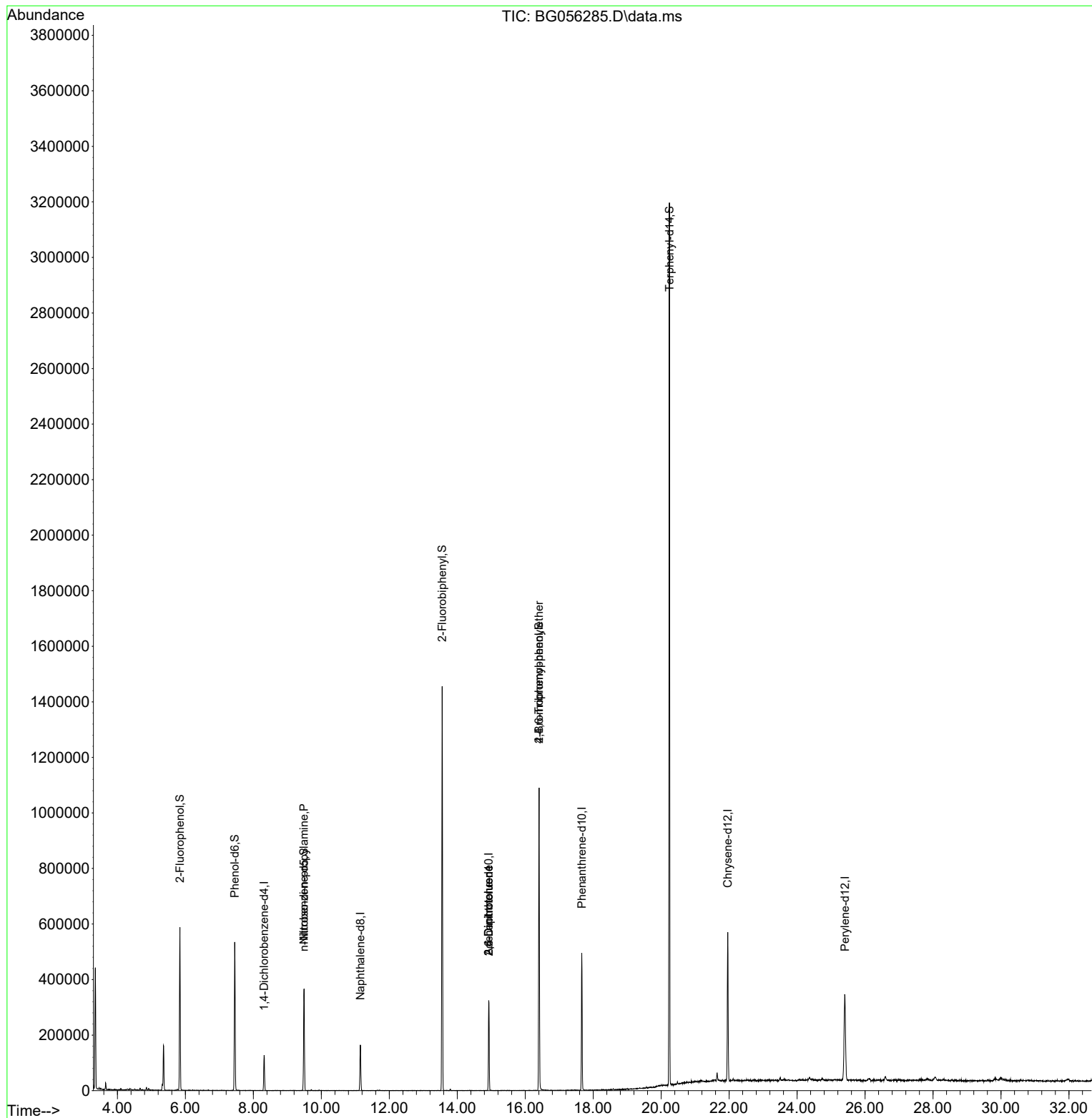
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	42041	20.000	ng	0.00
21) Naphthalene-d8	11.149	136	153881	20.000	ng	0.00
39) Acenaphthene-d10	14.927	164	126402	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	341106	20.000	ng	0.00
76) Chrysene-d12	21.960	240	353587	20.000	ng	# 0.00
86) Perylene-d12	25.409	264	380572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	315990	134.202	ng	0.01
7) Phenol-d6	7.453	99	403621	111.622	ng	0.00
23) Nitrobenzene-d5	9.492	82	262506	87.260	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	226378	141.410	ng	0.00
45) 2-Fluorobiphenyl	13.558	172	829224	90.590	ng	0.00
79) Terphenyl-d14	20.244	244	1795796	90.964	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.486	70	32832	14.932	ng	# 77
51) 2,6-Dinitrotoluene	14.927	165	16863	7.756	ng	# 31
57) 2,4-Dinitrotoluene	14.927	165	16863	5.546	ng	# 28
67) 4-Bromophenyl-phenylether	16.408	248	19410	4.469	ng	# 1

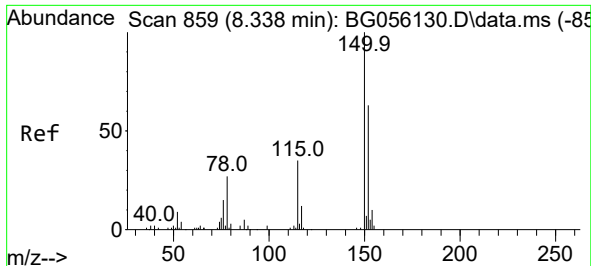
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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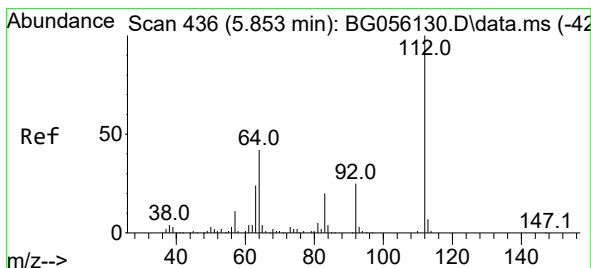
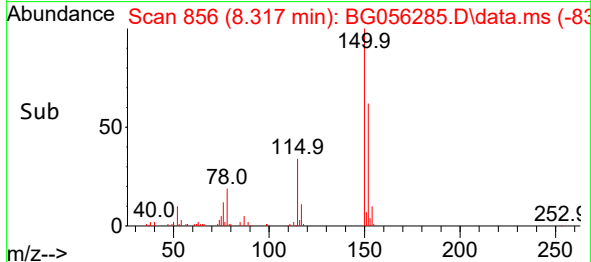
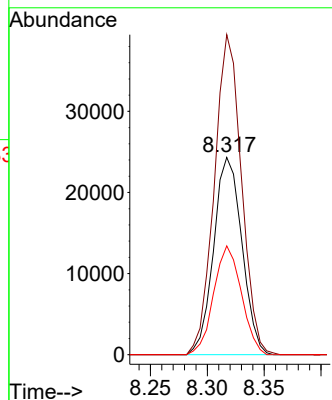
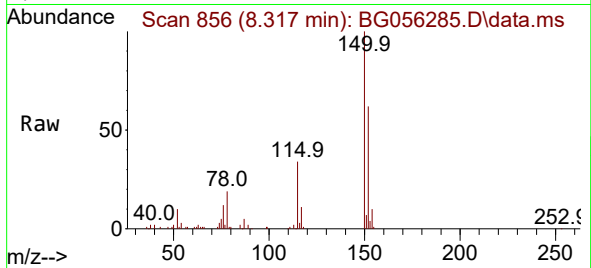




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 8
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

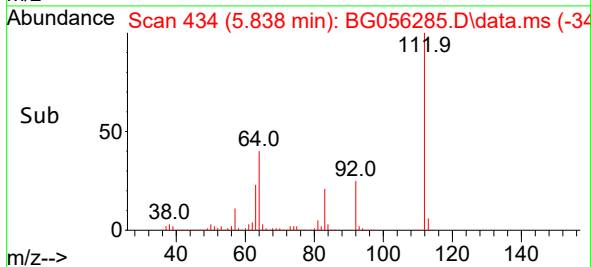
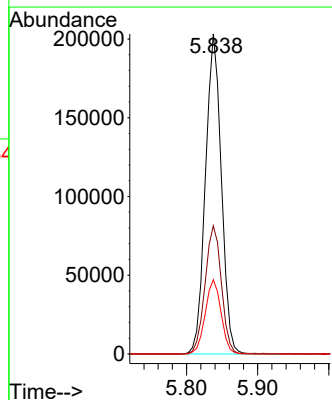
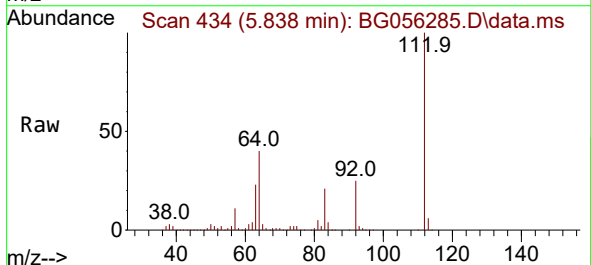
Instrument :
BNA_G
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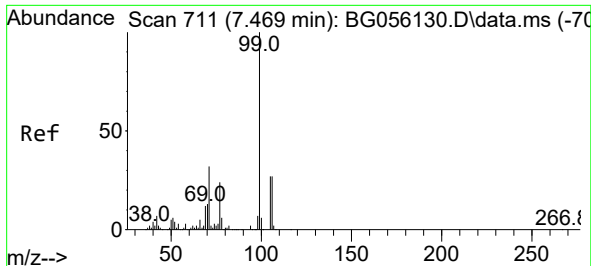
Tgt Ion:152 Resp: 42041
Ion Ratio Lower Upper
152 100
150 162.2 127.9 191.9
115 55.1 44.2 66.2



#5
2-Fluorophenol
Concen: 134.202 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Tgt Ion:112 Resp: 315990
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 23.2 19.0 28.4

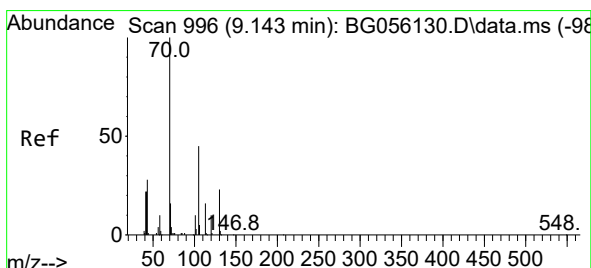
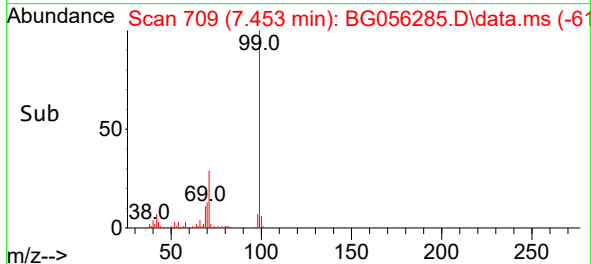
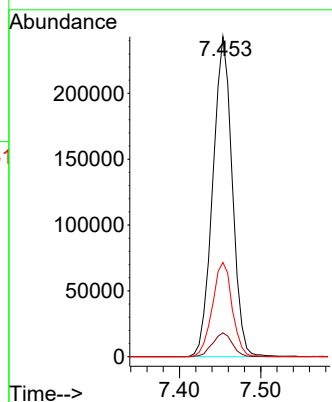
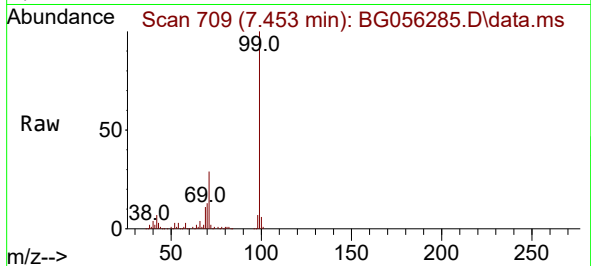




#7
Phenol-d6
Concen: 111.622 ng
RT: 7.453 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

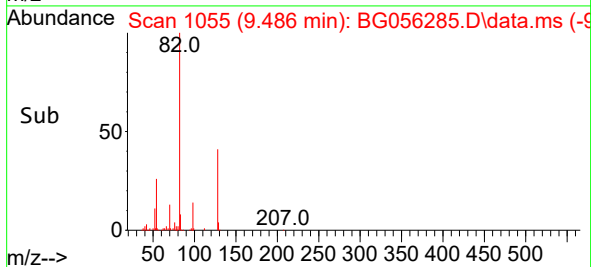
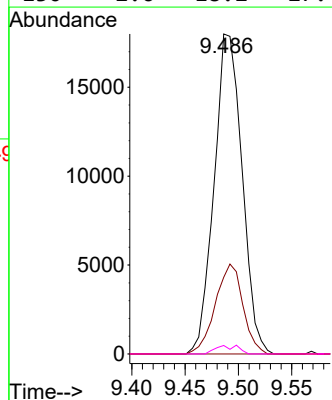
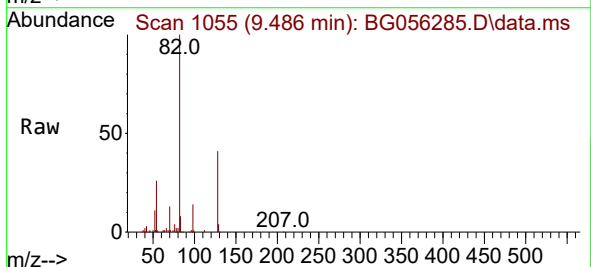
Instrument :
BNA_G
ClientSampleId :
TP-C

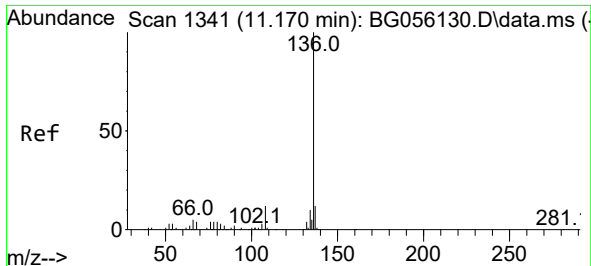
Tgt Ion: 99 Resp: 403621
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.4 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 14.932 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.370 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Tgt Ion: 70 Resp: 32832
Ion Ratio Lower Upper
70 100
42 23.9 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: 11.149 min Scan# 111
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Instrument :

BNA_G

ClientSampleId :

TP-C

Tgt Ion:136 Resp: 153881

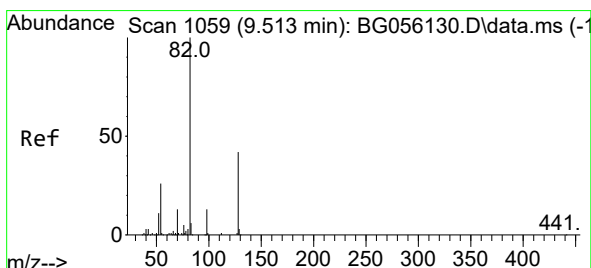
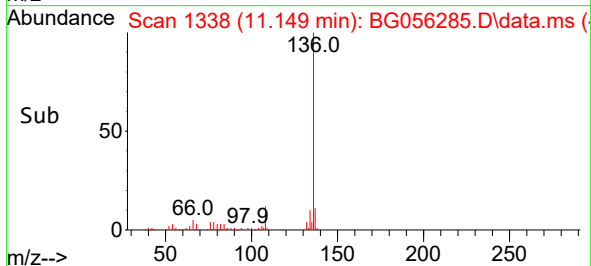
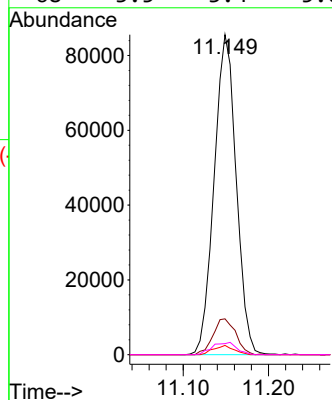
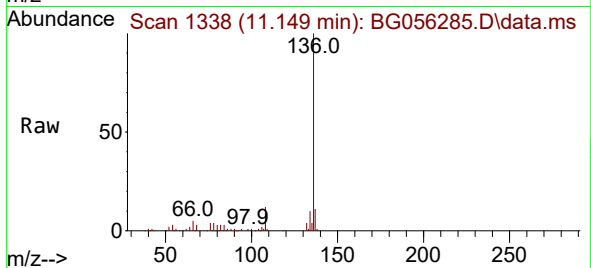
Ion Ratio Lower Upper

136 100

137 11.2 9.4 14.0

54 2.9 2.2 3.2

68 3.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 87.260 ng
RT: 9.492 min Scan# 1056
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

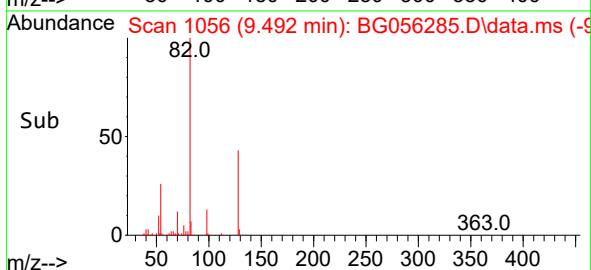
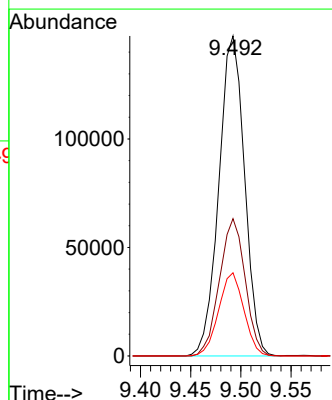
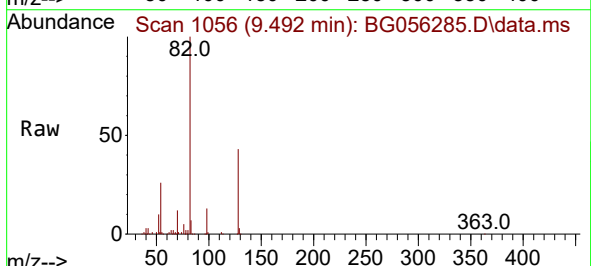
Tgt Ion: 82 Resp: 262506

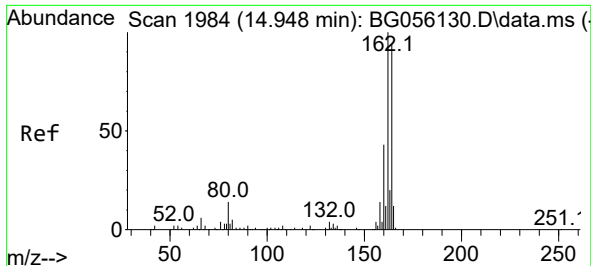
Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.2

54 26.0 20.3 30.5

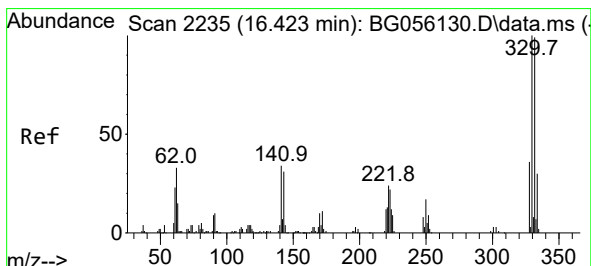
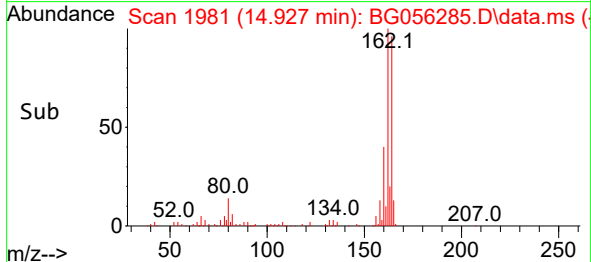
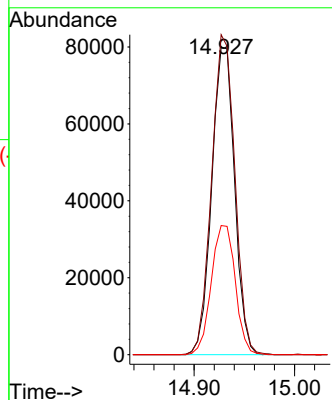
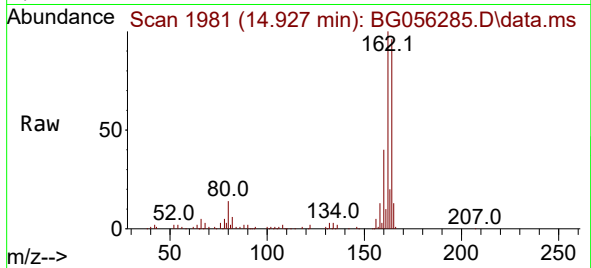




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

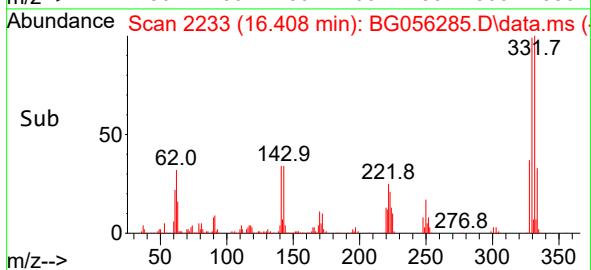
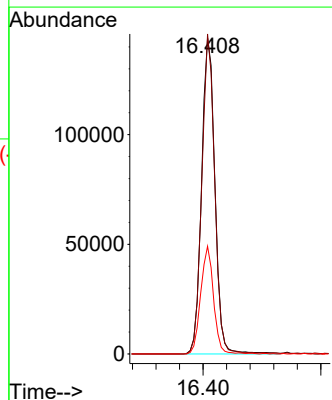
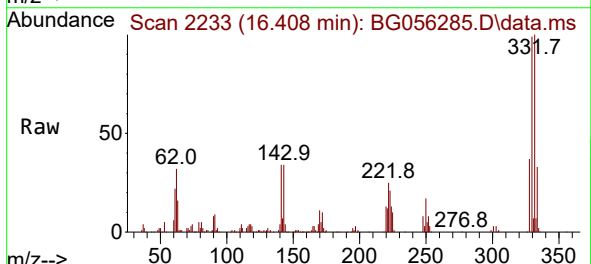
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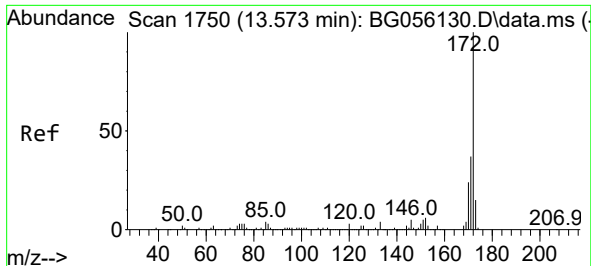
Tgt Ion:164 Resp: 126402
Ion Ratio Lower Upper
164 100
162 104.0 84.7 127.1
160 41.9 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 141.410 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Tgt Ion:330 Resp: 226378
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 32.9 27.9 41.9

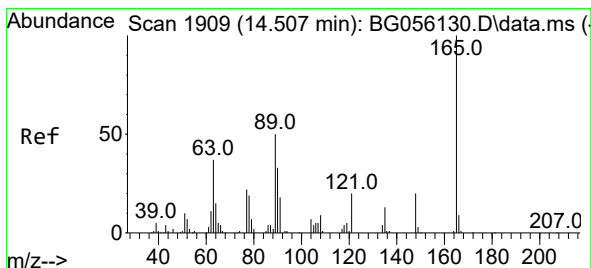
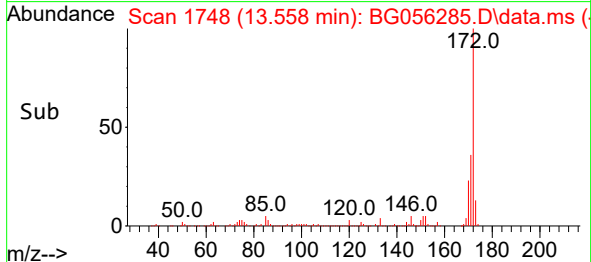
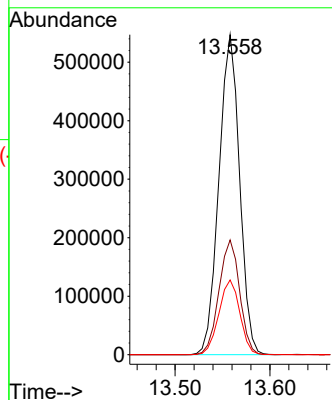
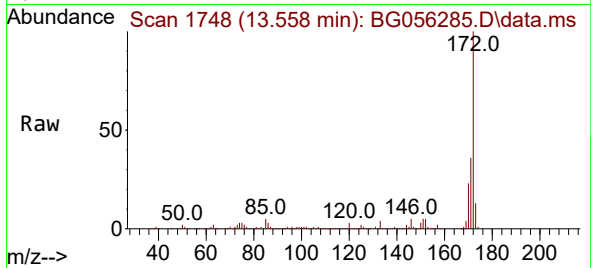




#45
2-Fluorobiphenyl
Concen: 90.590 ng
RT: 13.558 min Scan# 1
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

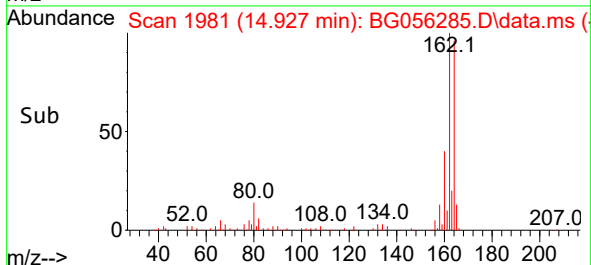
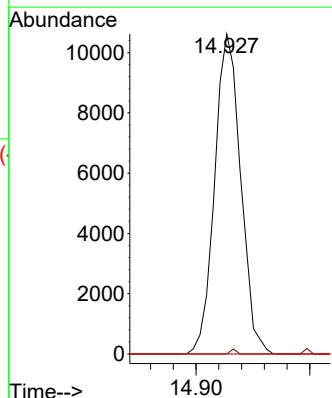
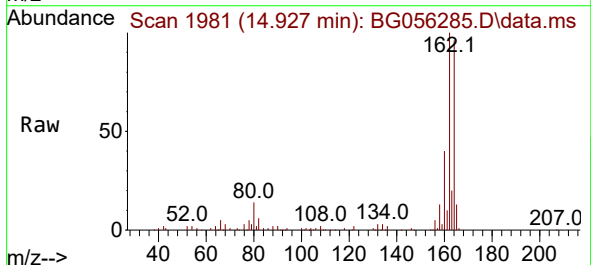
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ClientSampleId :
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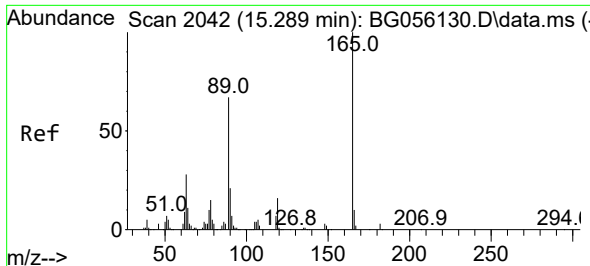
Tgt Ion:172 Resp: 829224
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.4 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.756 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.435 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Tgt Ion:165 Resp: 16863
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

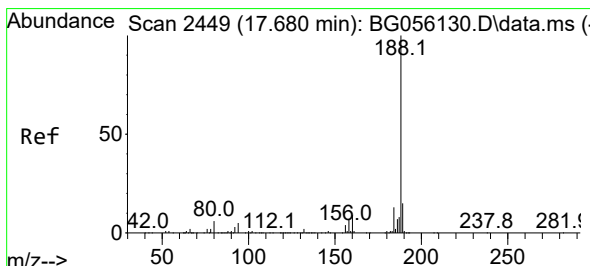
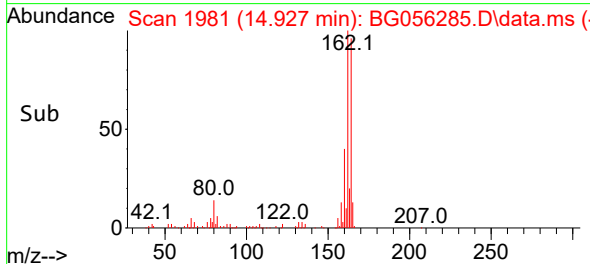
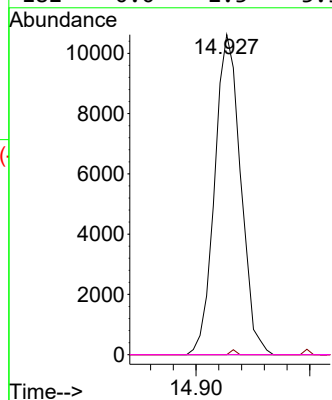
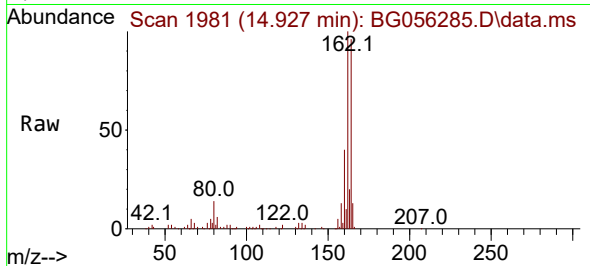




#57
2,4-Dinitrotoluene
Concen: 5.546 ng
RT: 14.927 min Scan# 1981
Delta R.T. -0.346 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

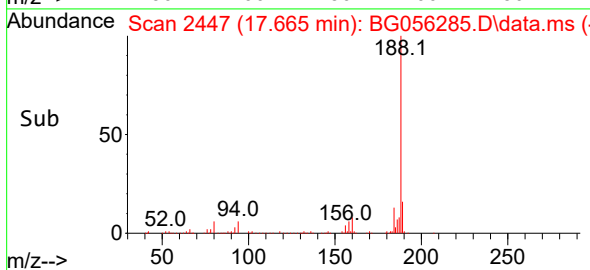
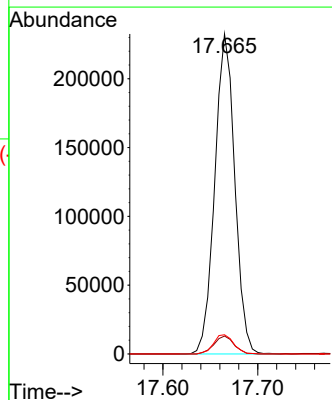
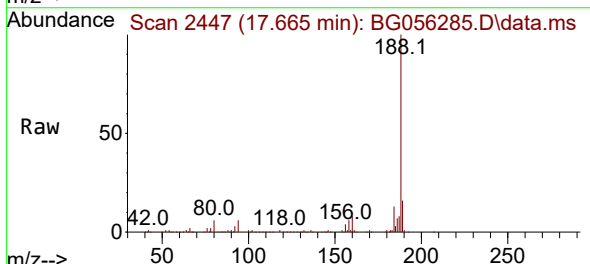
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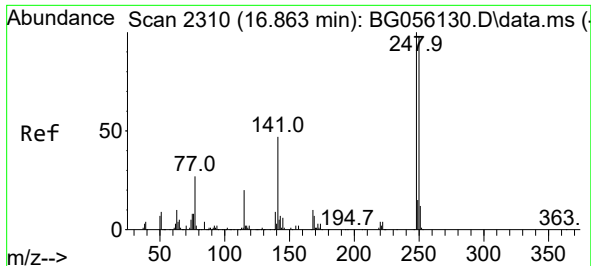
Tgt Ion:165 Resp: 16863
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 0.0 53.2 79.8#
182 0.0 2.3 3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.665 min Scan# 2447
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Tgt Ion:188 Resp: 341106
Ion Ratio Lower Upper
188 100
94 5.6 4.2 6.2
80 6.0 5.0 7.4

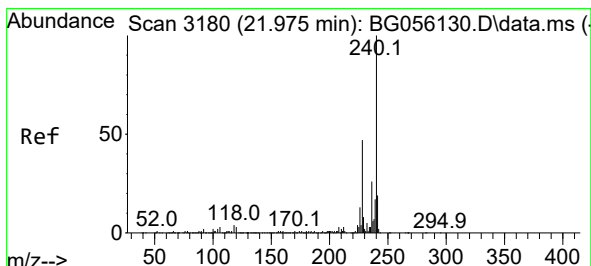
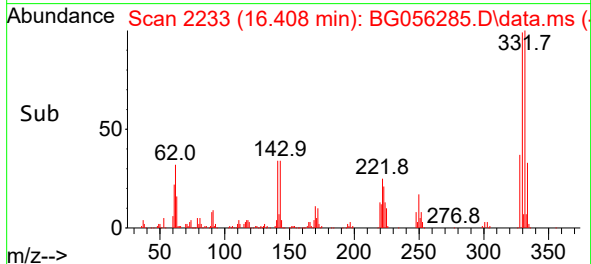
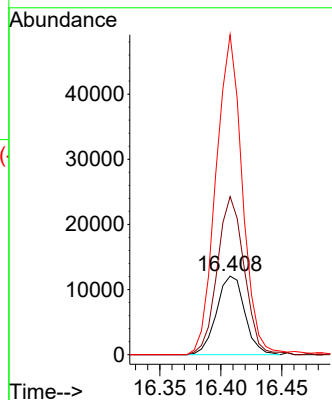
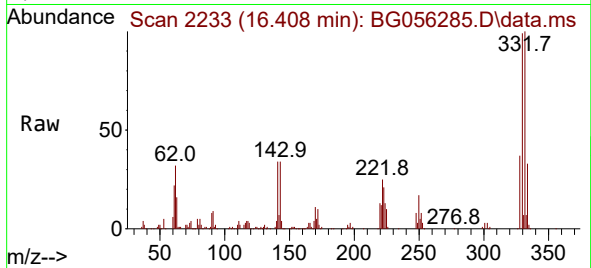




#67
4-Bromophenyl-phenylether
Concen: 4.469 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

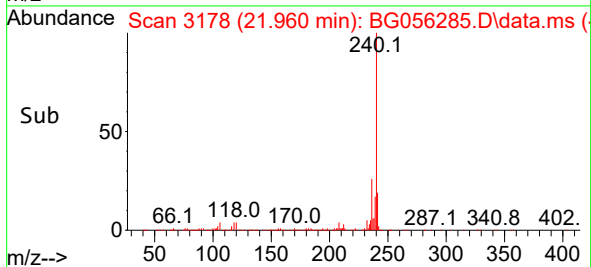
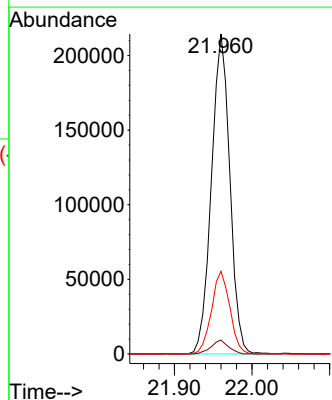
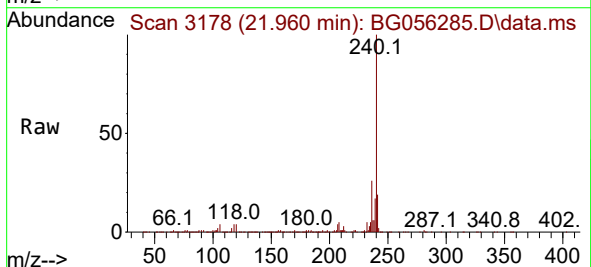
Instrument :
BNA_G
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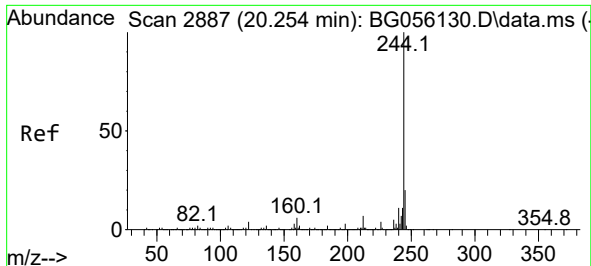
Tgt Ion:248 Resp: 19410
Ion Ratio Lower Upper
248 100
250 201.3 78.2 117.4#
141 407.3 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.960 min Scan# 3178
Delta R.T. 0.000 min
Lab File: BG056285.D
Acq: 13 Jan 2023 20:00

Tgt Ion:240 Resp: 353587
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.8 20.8 31.2

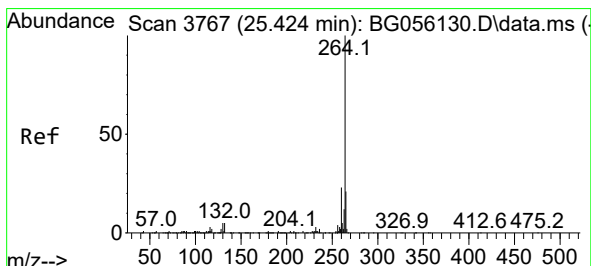
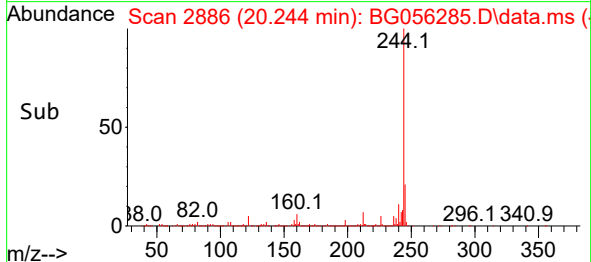
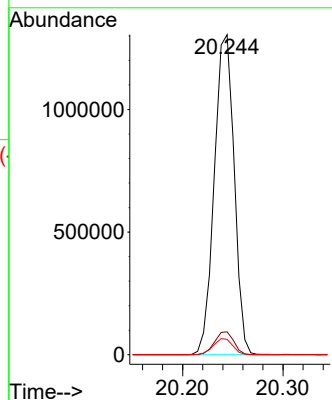
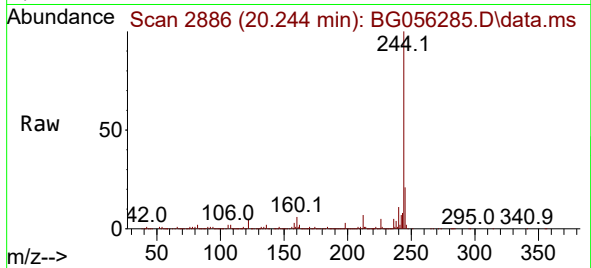




#79
 Terphenyl-d14
 Concen: 90.964 ng
 RT: 20.244 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BG056285.D
 Acq: 13 Jan 2023 20:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-C

Tgt Ion:244 Resp: 1795796
 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: 25.409 min Scan# 3765
 Delta R.T. 0.006 min
 Lab File: BG056285.D
 Acq: 13 Jan 2023 20:00

Tgt Ion:264 Resp: 380572
 Ion Ratio Lower Upper
 264 100
 260 21.6 18.6 28.0
 265 20.0 16.7 25.1

