

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011323\
 Data File : BG056278.D
 Acq On : 13 Jan 2023 15:11
 Operator : CG/JU
 Sample : 01129-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-207

Quant Time: Jan 16 00:22:02 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)

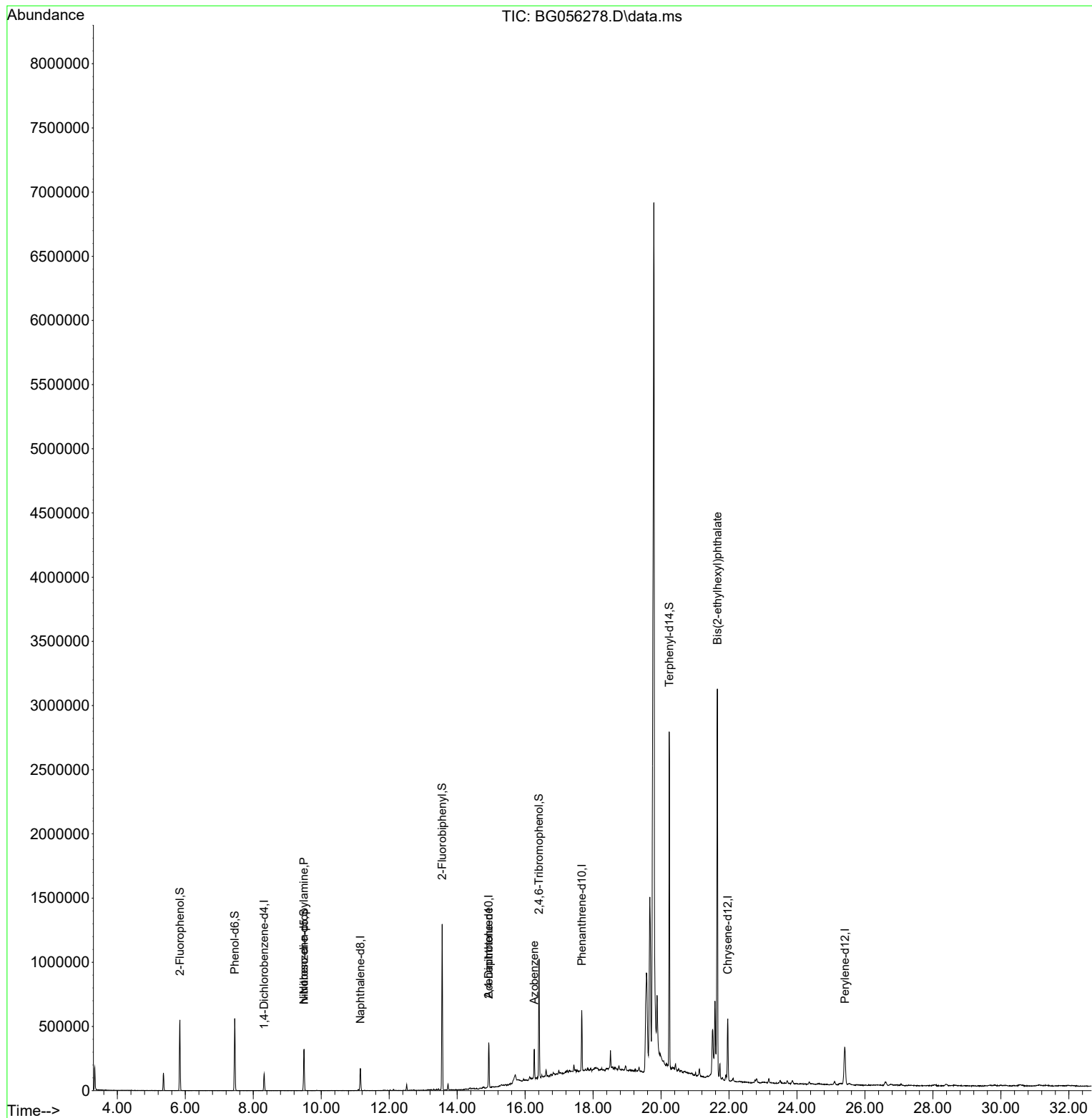
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	42854	20.000	ng	0.00
21) Naphthalene-d8	11.150	136	158858	20.000	ng	0.00
39) Acenaphthene-d10	14.928	164	128618	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	314367	20.000	ng	0.00
76) Chrysene-d12	21.961	240	322163	20.000	ng	0.00
86) Perylene-d12	25.410	264	365589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.839	112	302306	125.955	ng	0.01
7) Phenol-d6	7.454	99	428496	116.253	ng	0.00
23) Nitrobenzene-d5	9.493	82	231329	74.487	ng	0.00
42) 2,4,6-Tribromophenol	16.409	330	180289	110.680	ng	0.00
45) 2-Fluorobiphenyl	13.559	172	724037	77.736	ng	0.00
79) Terphenyl-d14	20.239	244	1416682	78.760	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.493	70	28933	12.909	ng	# 75
57) 2,4-Dinitrotoluene	14.928	165	18700	6.044	ng	# 29
63) Azobenzene	16.267	77	62747	8.351	ng	# 1
84) Bis(2-ethylhexyl)phtha...	21.655	149	1500256	159.846	ng	# 52

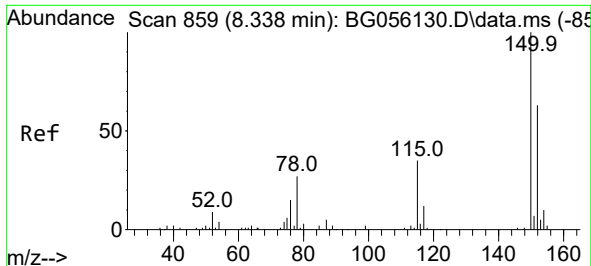
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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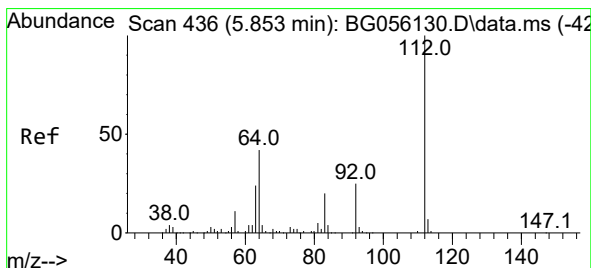
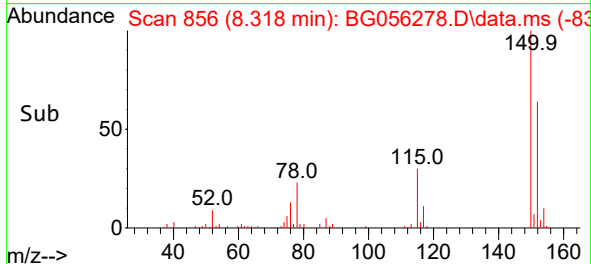
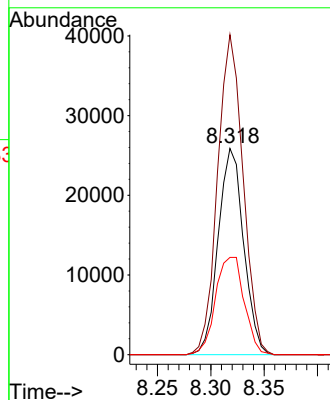
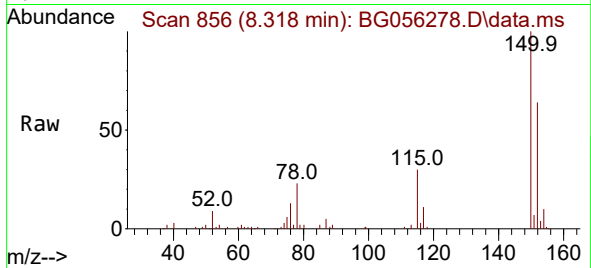




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

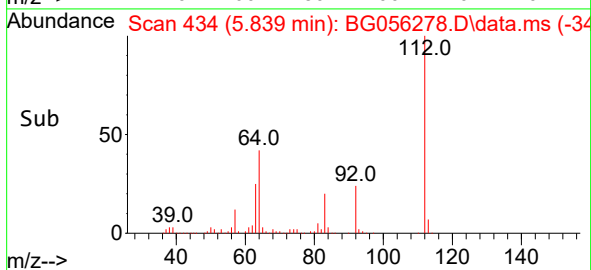
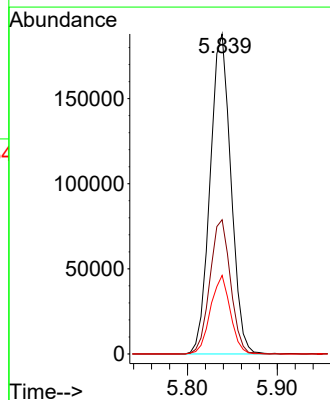
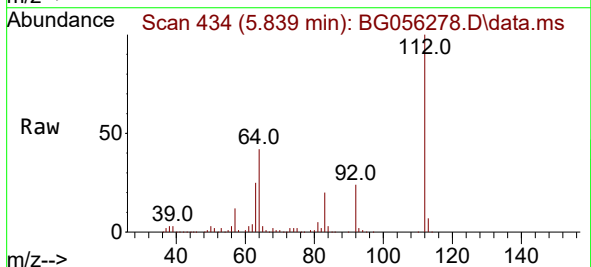
Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:152 Resp: 42854
Ion Ratio Lower Upper
152 100
150 155.1 127.9 191.9
115 47.2 44.2 66.2



#5
2-Fluorophenol
Concen: 125.955 ng
RT: 5.839 min Scan# 434
Delta R.T. 0.013 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion:112 Resp: 302306
Ion Ratio Lower Upper
112 100
64 41.9 33.3 49.9
63 24.6 19.0 28.4

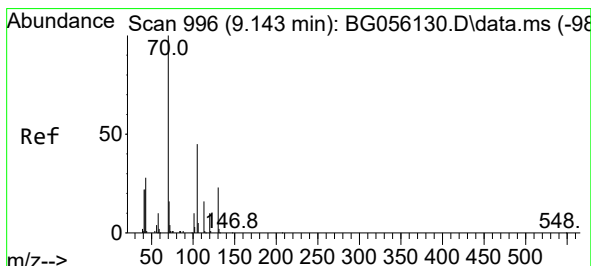
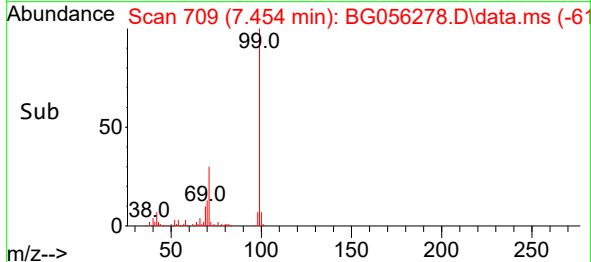
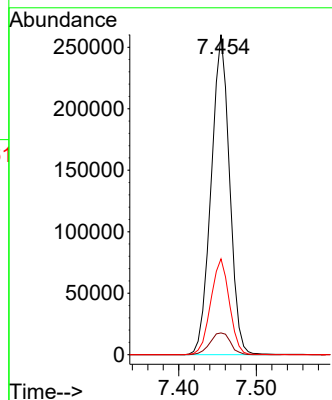
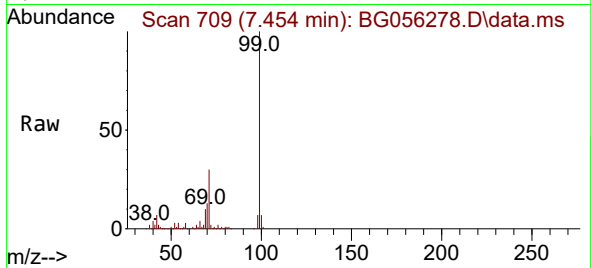




#7
Phenol-d6
Concen: 116.253 ng
RT: 7.454 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

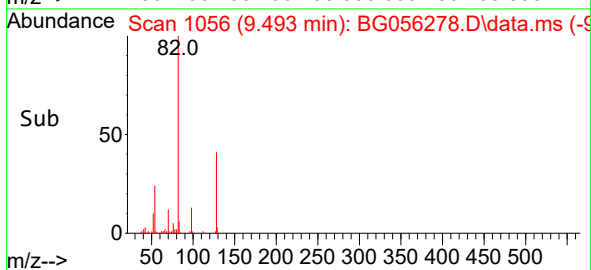
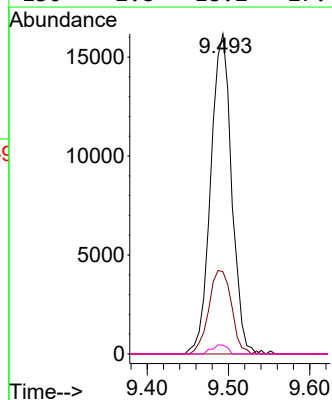
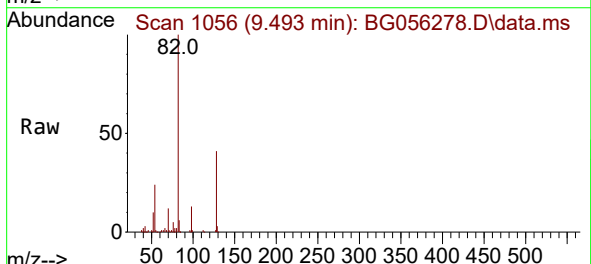
Instrument :
BNA_G
ClientSampleId :
VNJ-207

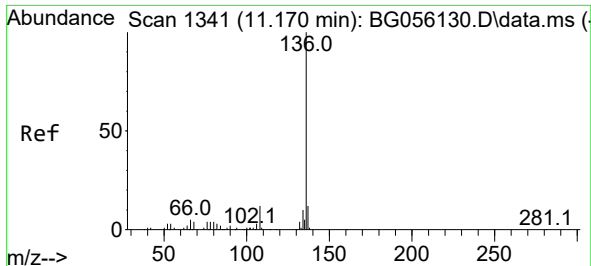
Tgt Ion: 99 Resp: 428496
Ion Ratio Lower Upper
99 100
42 6.8 5.9 8.9
71 30.0 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.909 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.377 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion: 70 Resp: 28933
Ion Ratio Lower Upper
70 100
42 25.7 18.2 27.2
101 0.0 8.3 12.5#
130 2.8 18.2 27.4#

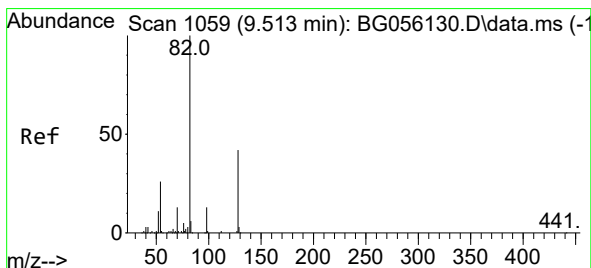
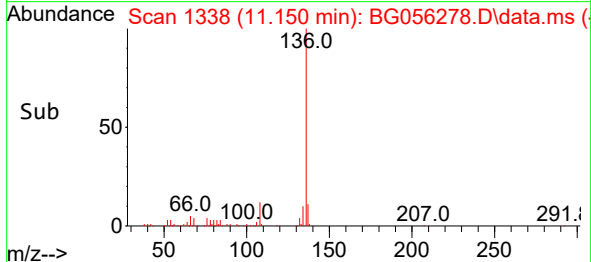
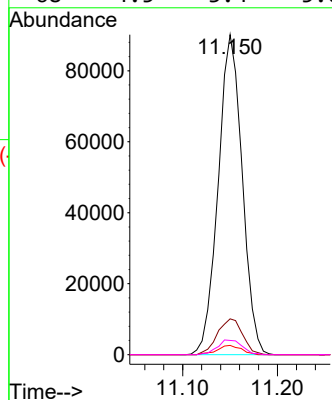
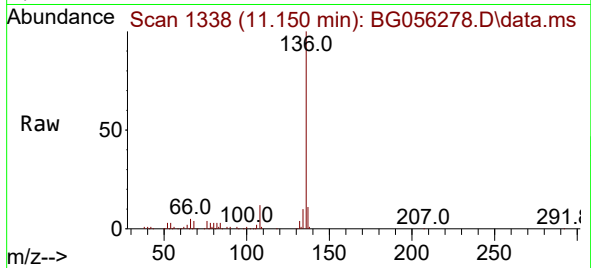




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.150 min Scan# 111
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

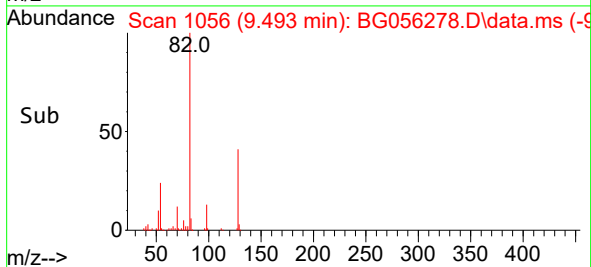
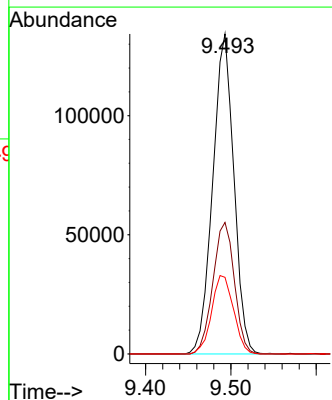
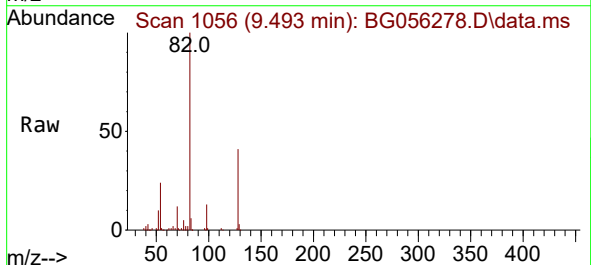
Instrument :
BNA_G
ClientSampleId :
VNJ-207

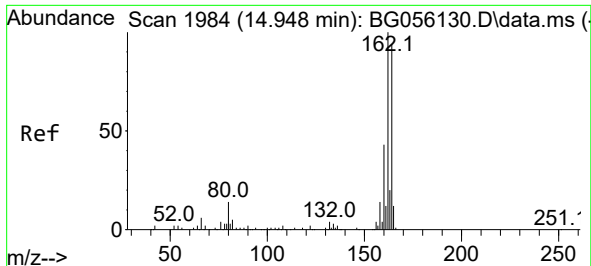
Tgt Ion:136 Resp: 158858
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 2.9 2.2 3.2
68 4.5 3.4 5.0



#23
Nitrobenzene-d5
Concen: 74.487 ng
RT: 9.493 min Scan# 1056
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion: 82 Resp: 231329
Ion Ratio Lower Upper
82 100
128 41.1 33.4 50.2
54 23.9 20.3 30.5

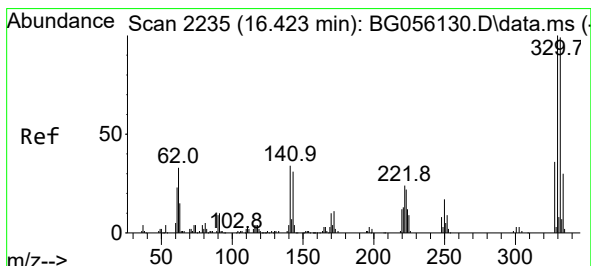
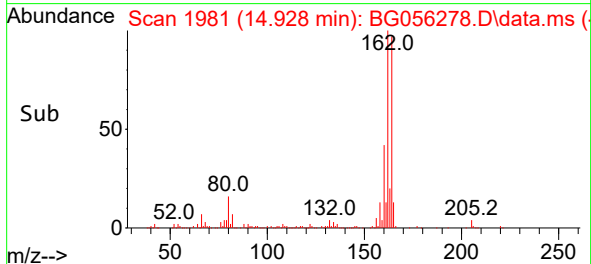
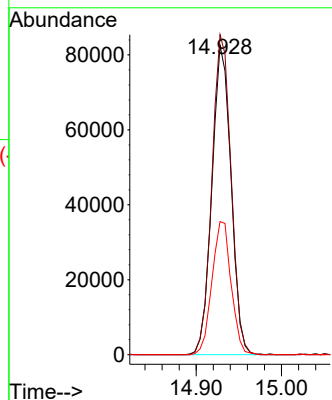
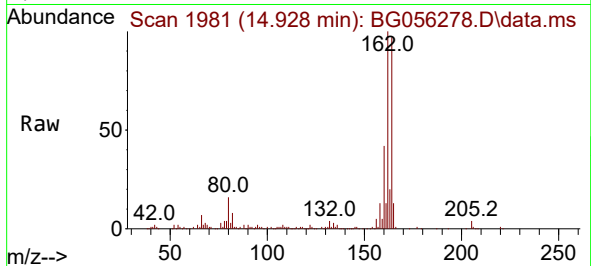




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.928 min Scan# 1984
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

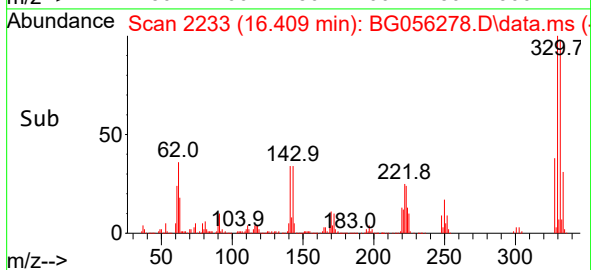
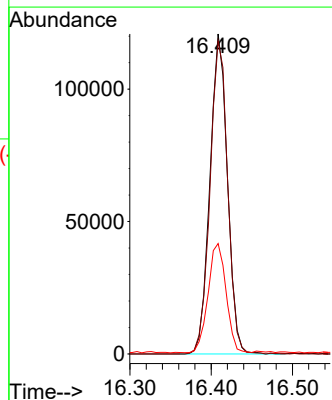
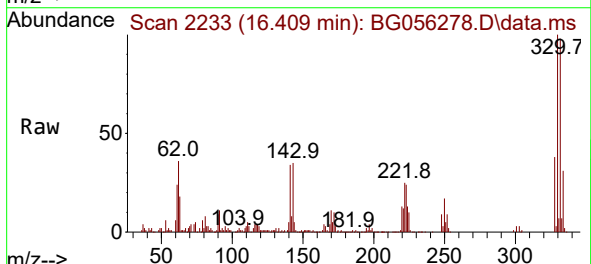
Instrument :
BNA_G
ClientSampleId :
VNJ-207

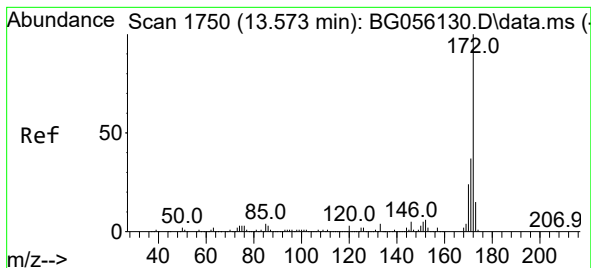
Tgt Ion:164 Resp: 128618
Ion Ratio Lower Upper
164 100
162 103.4 84.7 127.1
160 43.0 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 110.680 ng
RT: 16.409 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion:330 Resp: 180289
Ion Ratio Lower Upper
330 100
332 98.6 77.3 115.9
141 35.0 27.9 41.9

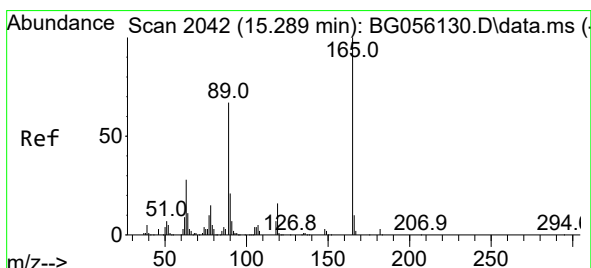
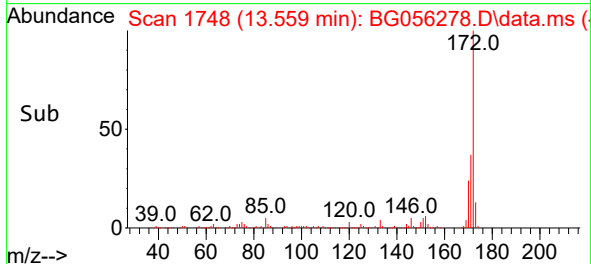
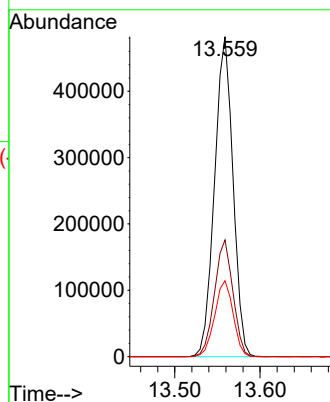
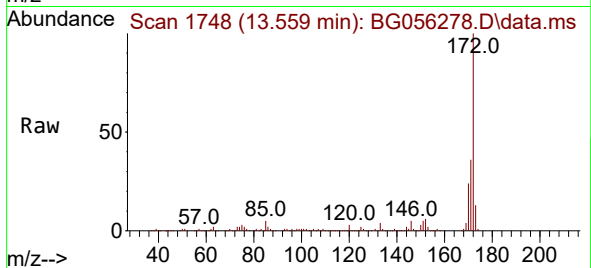




#45
2-Fluorobiphenyl
Concen: 77.736 ng
RT: 13.559 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

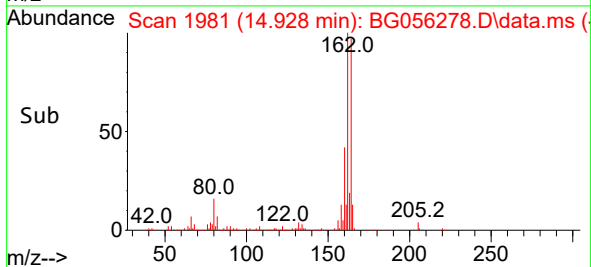
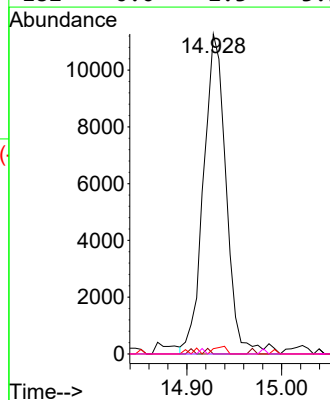
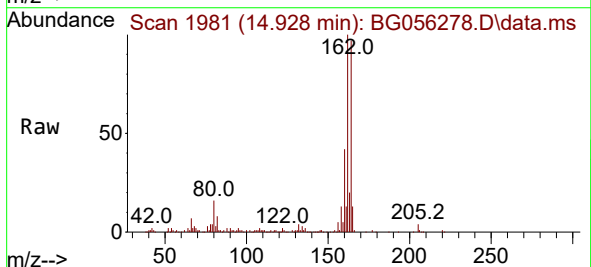
Instrument :
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ClientSampleId :
VNJ-207

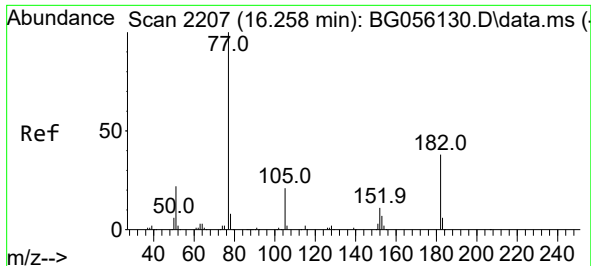
Tgt Ion:172 Resp: 724037
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.7 19.4 29.2



#57
2,4-Dinitrotoluene
Concen: 6.044 ng
RT: 14.928 min Scan# 1981
Delta R.T. -0.345 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion:165 Resp: 18700
Ion Ratio Lower Upper
165 100
63 0.0 22.6 34.0#
89 1.6 53.2 79.8#
182 0.0 2.3 3.5#

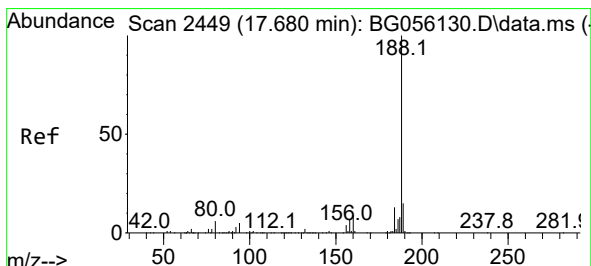
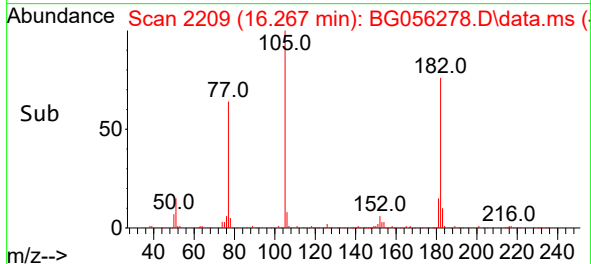
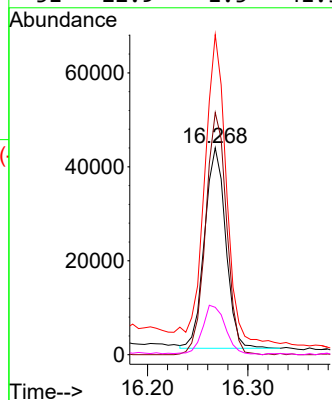
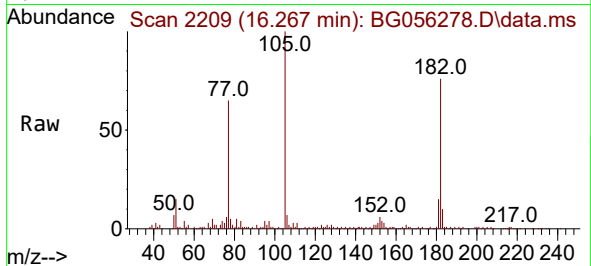




#63
Azobenzene
Concen: 8.351 ng
RT: 16.267 min Scan# 21
Delta R.T. 0.025 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

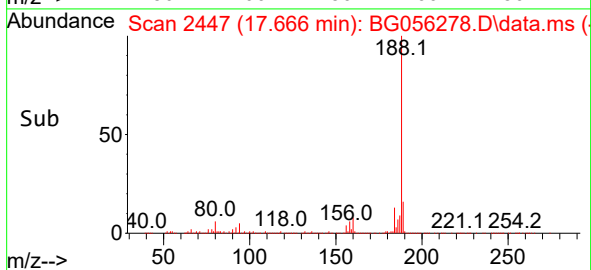
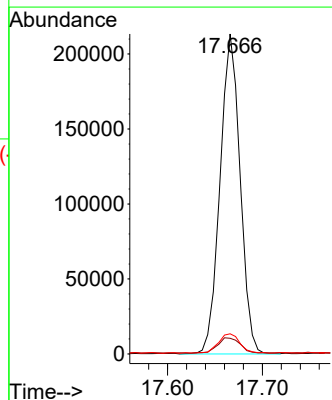
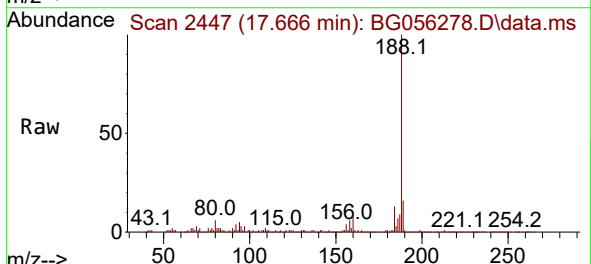
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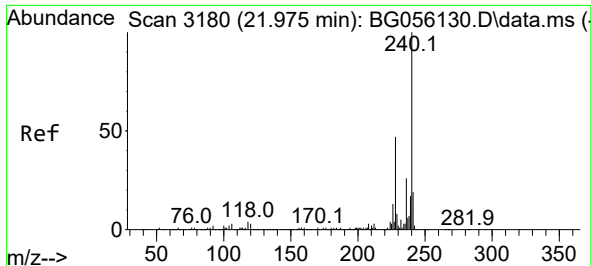
Tgt Ion: 77	Resp: 62747
Ion Ratio	Lower Upper
77 100	
182 117.0	18.5 58.5#
105 154.7	1.4 41.4#
51 22.9	1.5 41.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion: 188	Resp: 314367
Ion Ratio	Lower Upper
188 100	
94 4.9	4.2 6.2
80 6.3	5.0 7.4

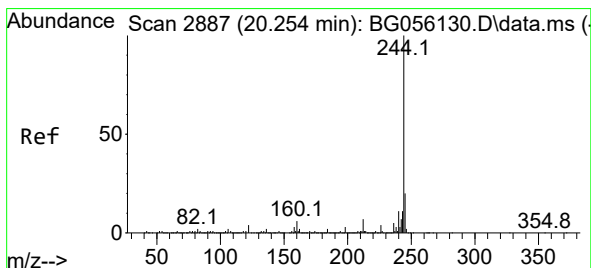
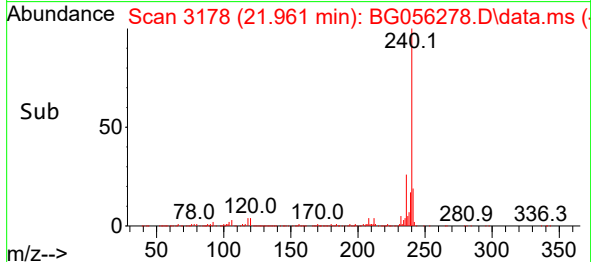
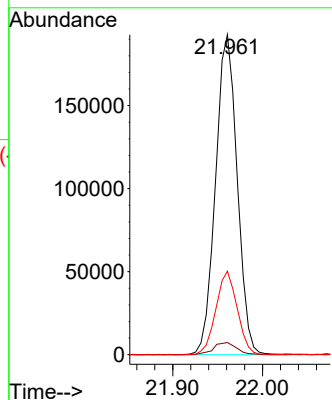
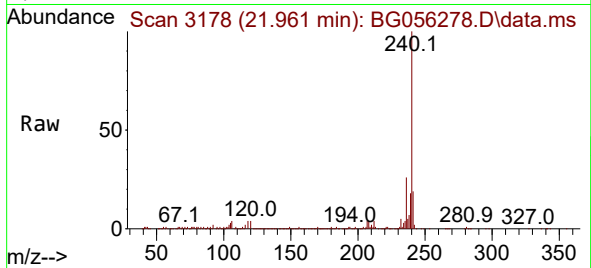




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.961 min Scan# 3180
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

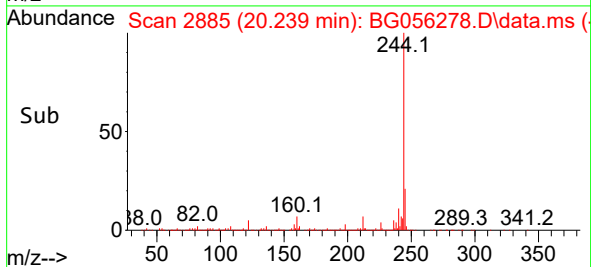
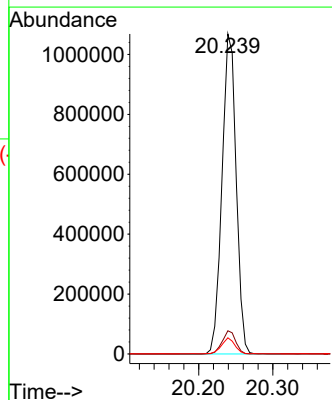
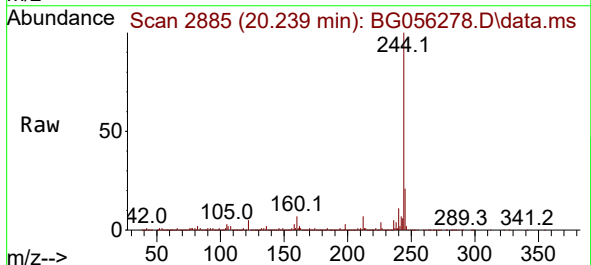
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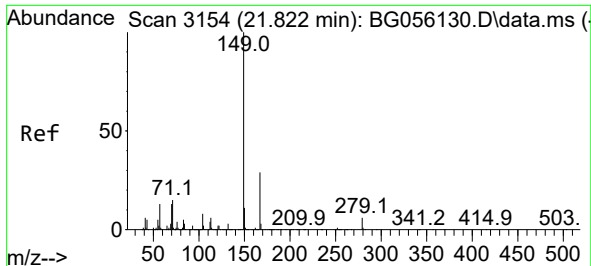
Tgt Ion:240 Resp: 322163
Ion Ratio Lower Upper
240 100
120 3.8 2.6 4.0
236 26.1 20.8 31.2



#79
Terphenyl-d14
Concen: 78.760 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.001 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion:244 Resp: 1416682
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 5.0 3.5 5.3

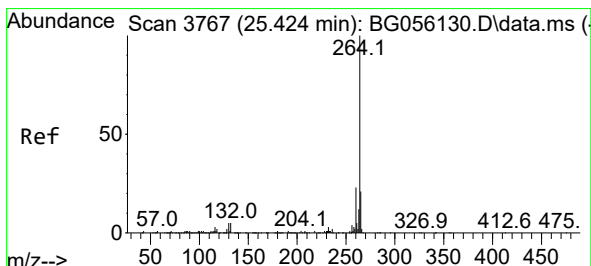
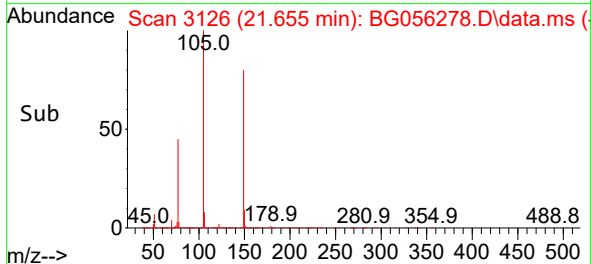
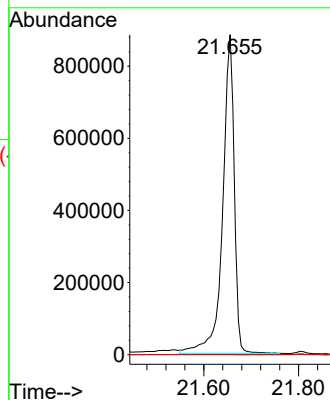
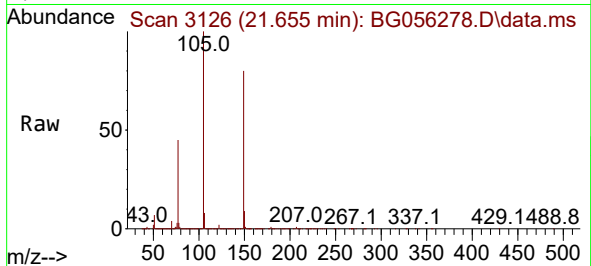




#84
Bis(2-ethylhexyl)phthalate
Concen: 159.846 ng
RT: 21.655 min Scan# 3154
Delta R.T. -0.151 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Instrument :
BNA_G
ClientSampleId :
VNJ-207

Tgt Ion:149 Resp: 1500256
Ion Ratio Lower Upper
149 100
167 0.0 23.4 35.2#
279 0.0 4.7 7.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.410 min Scan# 3765
Delta R.T. 0.007 min
Lab File: BG056278.D
Acq: 13 Jan 2023 15:11

Tgt Ion:264 Resp: 365589
Ion Ratio Lower Upper
264 100
260 24.0 18.6 28.0
265 21.8 16.7 25.1

