

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011723\
 Data File : BG056313.D
 Acq On : 17 Jan 2023 13:40
 Operator : CG/JU
 Sample : 01140-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-D

Quant Time: Jan 17 15:06:21 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

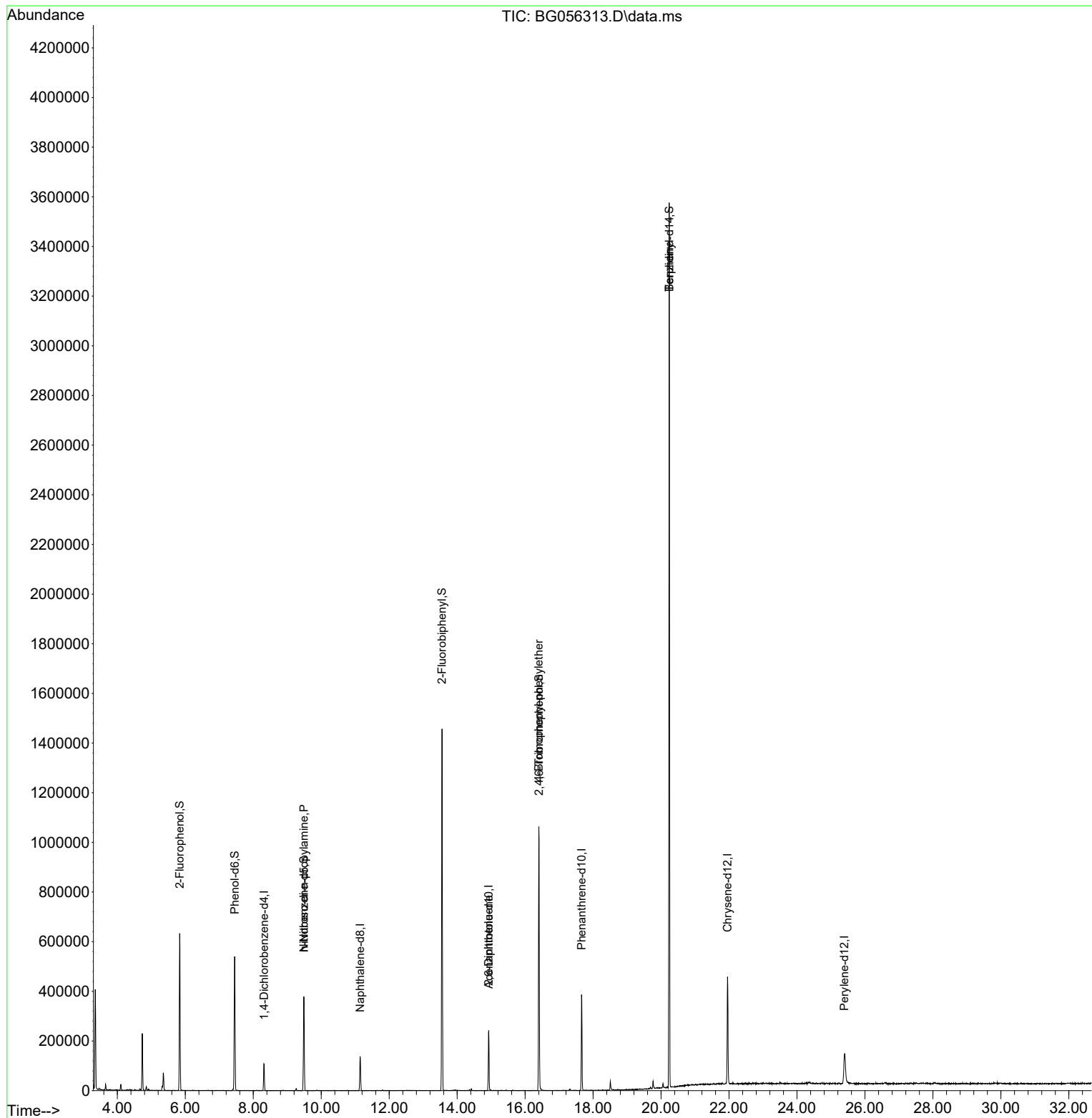
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.318	152	36134	20.000	ng	0.00
21) Naphthalene-d8	11.144	136	126650	20.000	ng	# 0.00
39) Acenaphthene-d10	14.922	164	91902	20.000	ng	0.00
64) Phenanthrene-d10	17.660	188	274095	20.000	ng	0.00
76) Chrysene-d12	21.955	240	277511	20.000	ng	# 0.00
86) Perylene-d12	25.392	264	126685	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.833	112	347410	171.666	ng	0.00
7) Phenol-d6	7.454	99	426229	137.143	ng	0.00
23) Nitrobenzene-d5	9.487	82	274921	111.035	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	222802	191.423	ng	0.00
45) 2-Fluorobiphenyl	13.553	172	824755	123.926	ng	0.00
79) Terphenyl-d14	20.239	244	1854451	119.686	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.487	70	33865	17.919	ng	# 73
51) 2,6-Dinitrotoluene	14.928	165	11616	7.348	ng	# 31
67) 4-Bromophenyl-phenylether	16.403	248	18059	5.174	ng	# 1
77) Benzidine	20.239	184	26466	2.721	ng	# 85

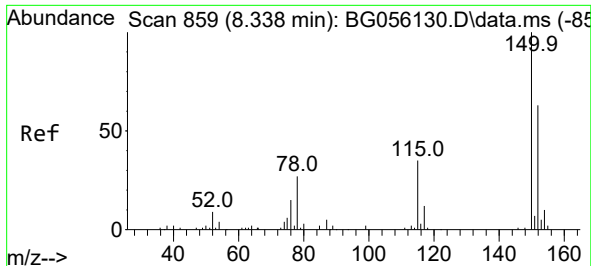
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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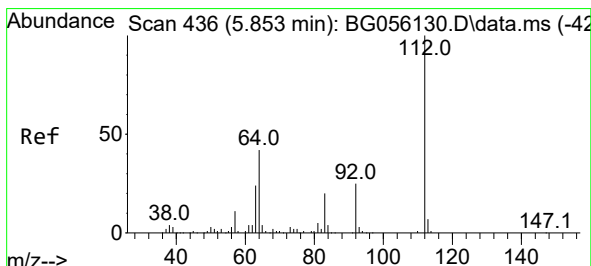
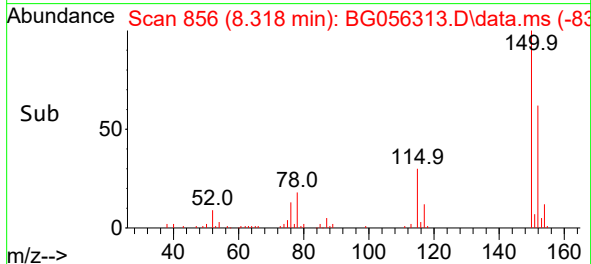
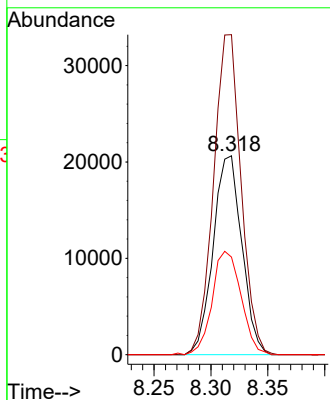
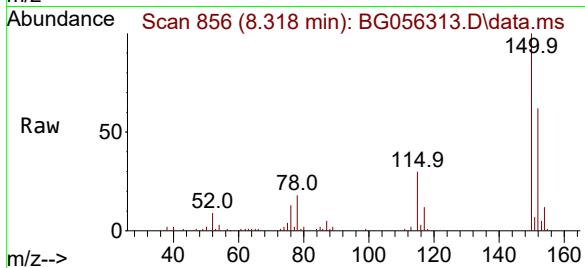




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.318 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

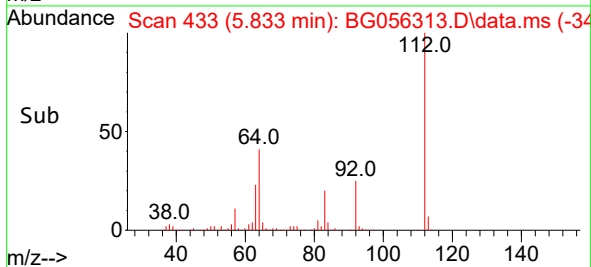
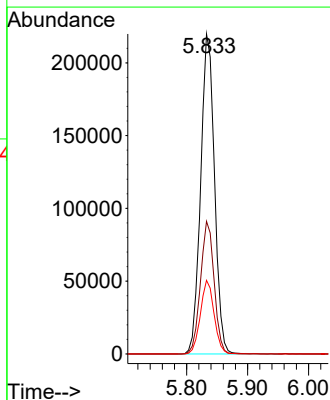
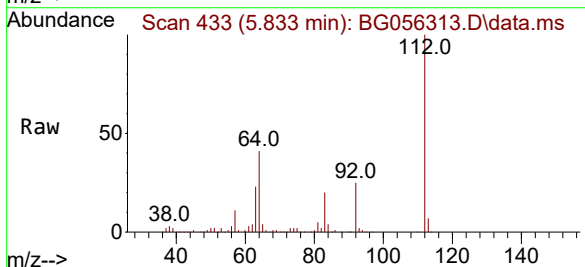
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BNA_G
ClientSampleId :
TP-D

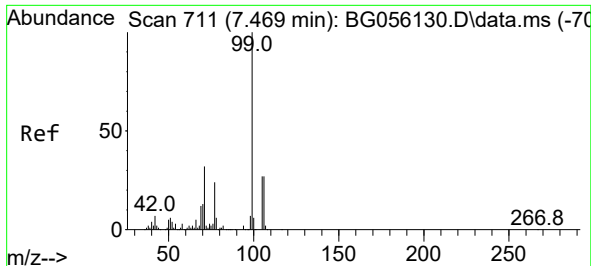
Tgt Ion:152 Resp: 36134
Ion Ratio Lower Upper
152 100
150 161.0 127.9 191.9
115 49.1 44.2 66.2



#5
2-Fluorophenol
Concen: 171.666 ng
RT: 5.833 min Scan# 433
Delta R.T. 0.007 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion:112 Resp: 347410
Ion Ratio Lower Upper
112 100
64 41.4 33.3 49.9
63 23.0 19.0 28.4

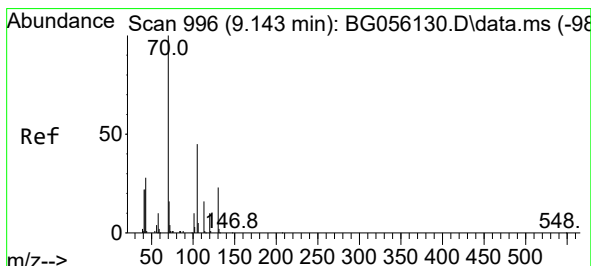
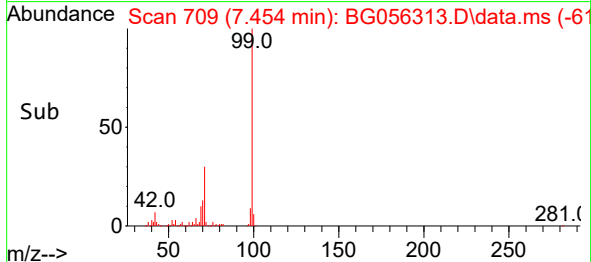
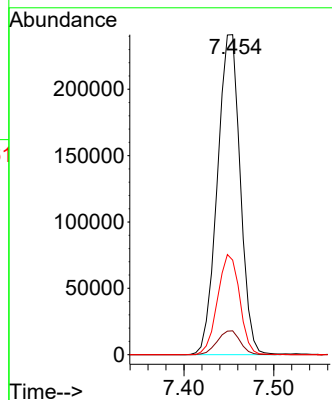
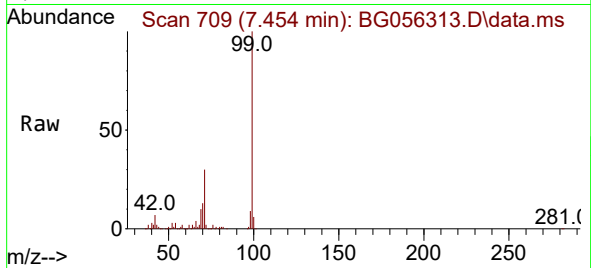




#7
Phenol-d6
Concen: 137.143 ng
RT: 7.454 min Scan# 709
Delta R.T. 0.007 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

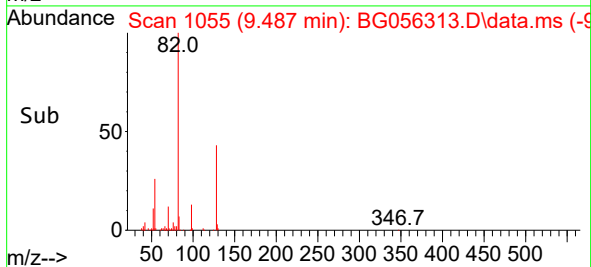
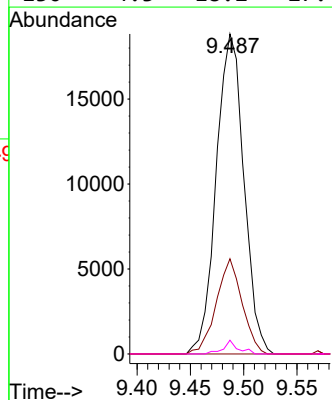
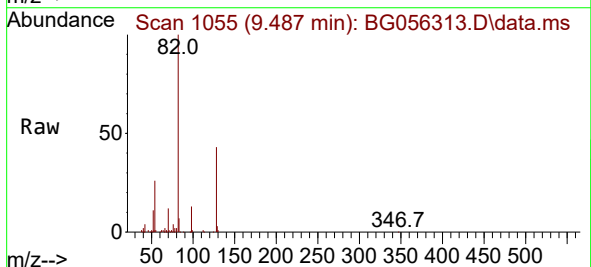
Instrument :
BNA_G
ClientSampleId :
TP-D

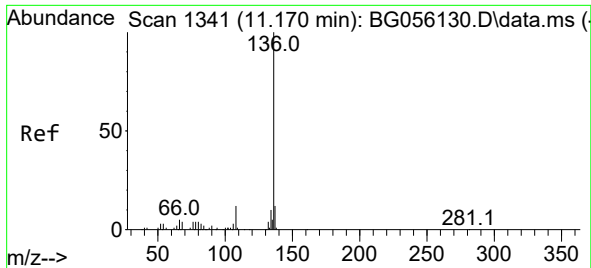
Tgt Ion: 99 Resp: 426229
Ion Ratio Lower Upper
99 100
42 7.4 5.9 8.9
71 29.5 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.919 ng
RT: 9.487 min Scan# 1055
Delta R.T. 0.371 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion: 70 Resp: 33865
Ion Ratio Lower Upper
70 100
42 29.8 18.2 27.2#
101 0.0 8.3 12.5#
130 4.3 18.2 27.4#

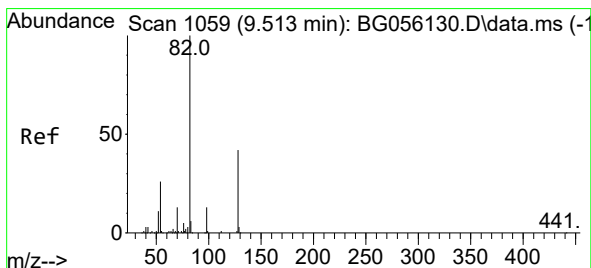
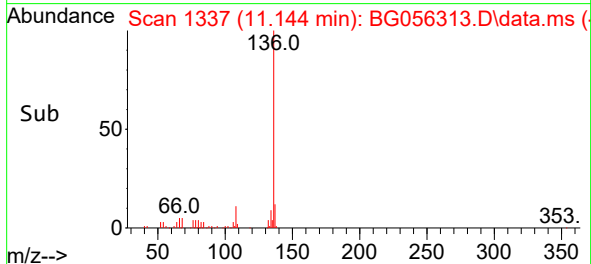
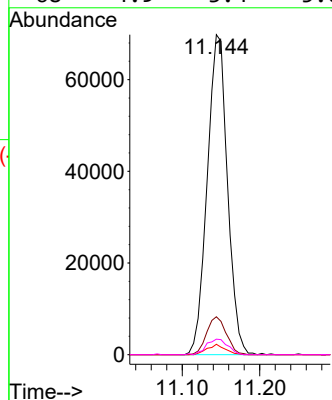
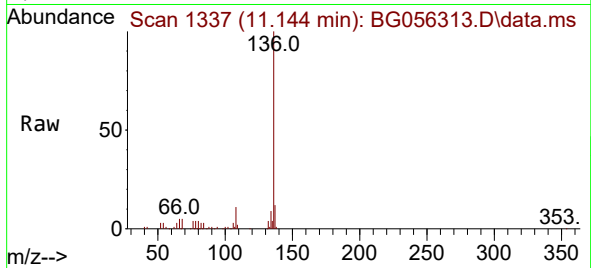




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.144 min Scan# 111
Delta R.T. -0.005 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

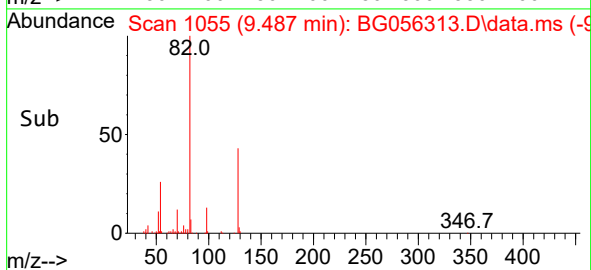
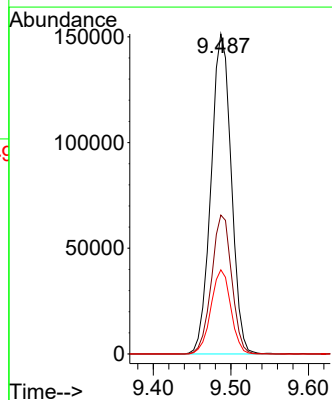
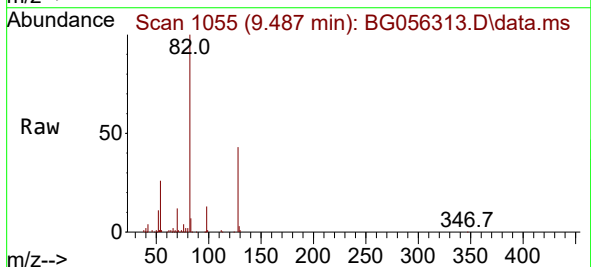
Instrument :
BNA_G
ClientSampleId :
TP-D

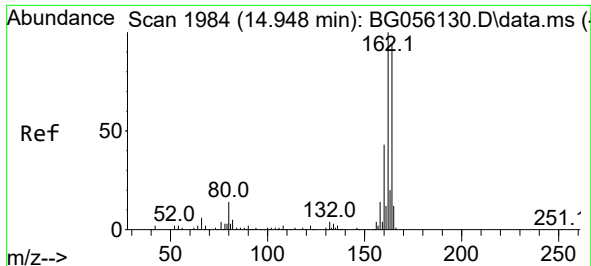
Tgt Ion:136 Resp: 126650
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.0
54 3.3 2.2 3.2#
68 4.9 3.4 5.0



#23
Nitrobenzene-d5
Concen: 111.035 ng
RT: 9.487 min Scan# 1055
Delta R.T. -0.005 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion: 82 Resp: 274921
Ion Ratio Lower Upper
82 100
128 43.4 33.4 50.2
54 26.3 20.3 30.5

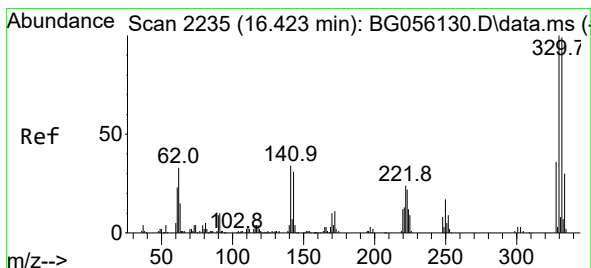
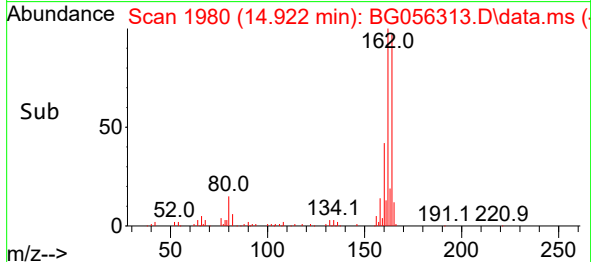
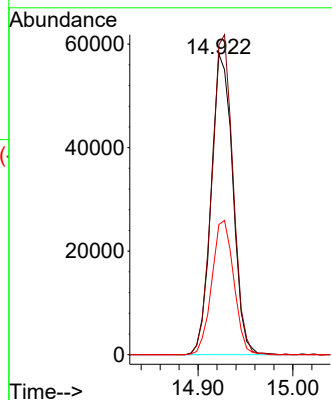
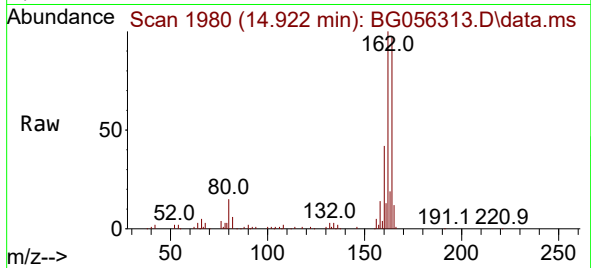




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.922 min Scan# 1980
Delta R.T. -0.005 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

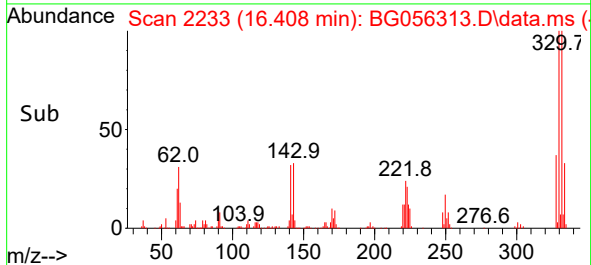
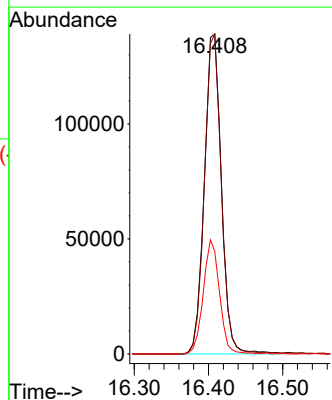
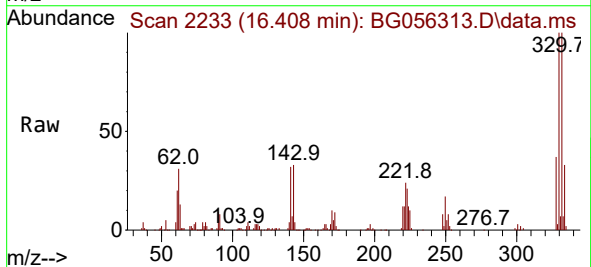
Instrument :
BNA_G
ClientSampleId :
TP-D

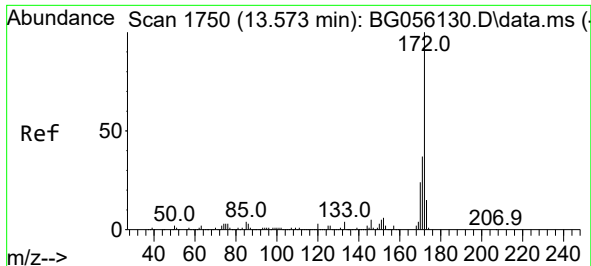
Tgt Ion:164 Resp: 91902
Ion Ratio Lower Upper
164 100
162 103.0 84.7 127.1
160 43.3 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 191.423 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion:330 Resp: 222802
Ion Ratio Lower Upper
330 100
332 98.5 77.3 115.9
141 34.1 27.9 41.9

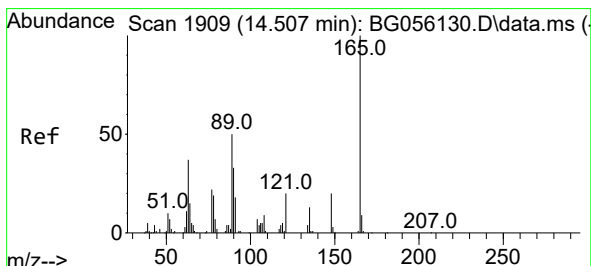
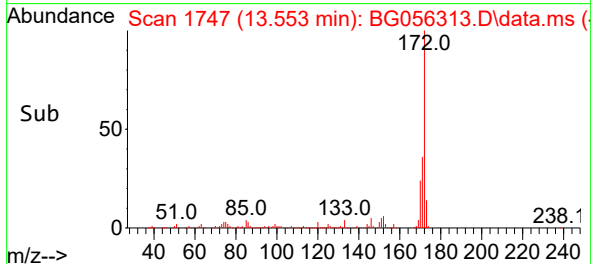
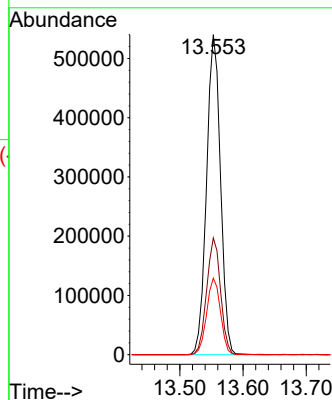
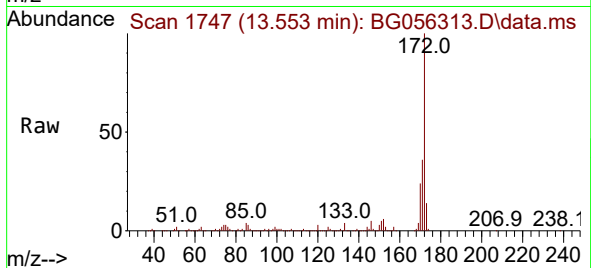




#45
2-Fluorobiphenyl
Concen: 123.926 ng
RT: 13.553 min Scan# 1747
Delta R.T. -0.005 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

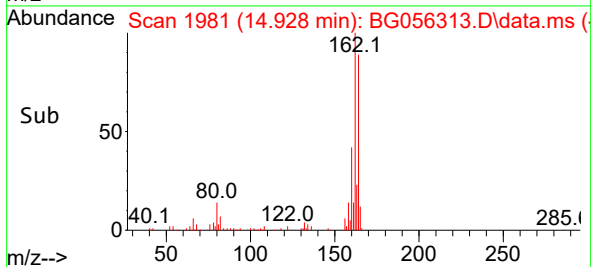
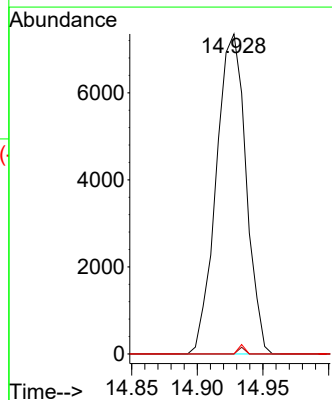
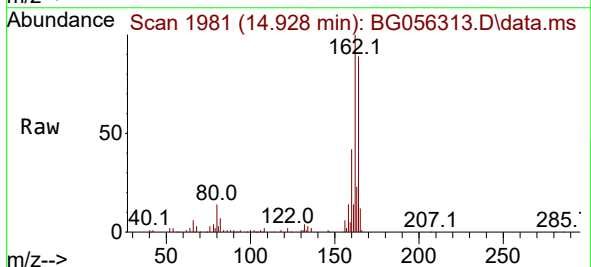
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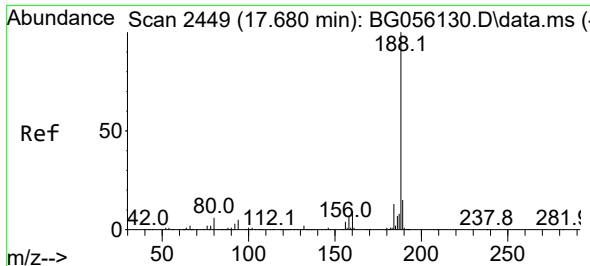
Tgt Ion:172 Resp: 824755
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.348 ng
RT: 14.928 min Scan# 1981
Delta R.T. 0.436 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion:165 Resp: 11616
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 0.0 39.8 59.8#

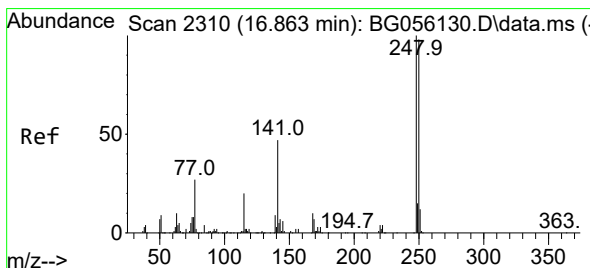
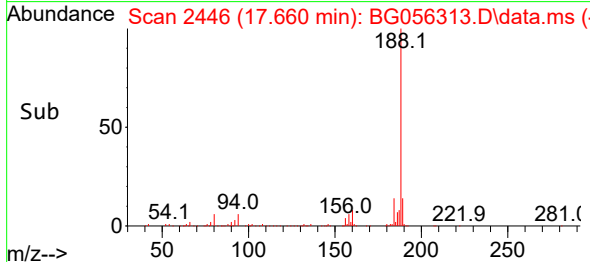
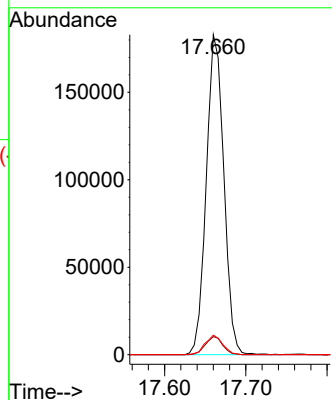
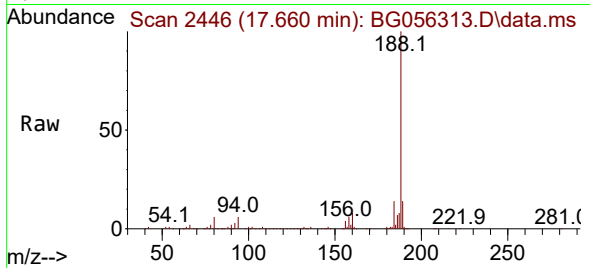




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.660 min Scan# 2449
Delta R.T. -0.005 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

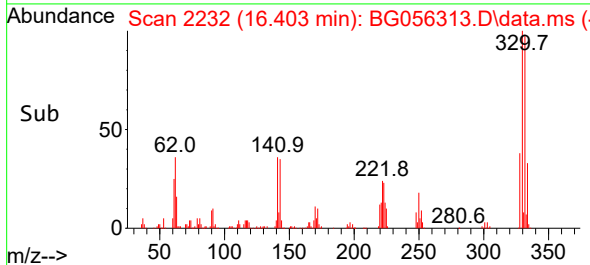
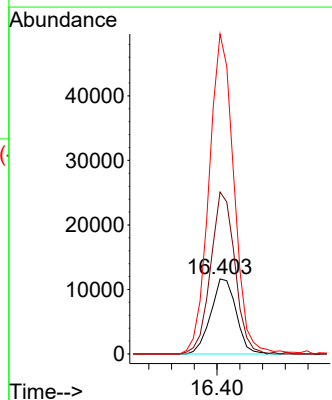
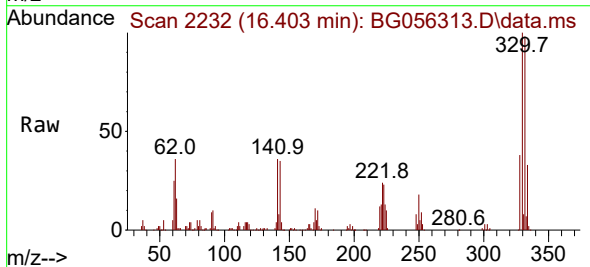
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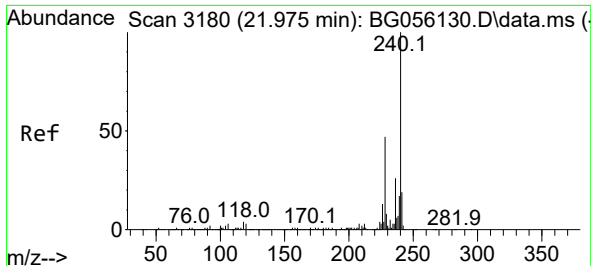
Tgt Ion:188 Resp: 274095
Ion Ratio Lower Upper
188 100
94 5.6 4.2 6.2
80 6.1 5.0 7.4



#67
4-Bromophenyl-phenylether
Concen: 5.174 ng
RT: 16.403 min Scan# 2232
Delta R.T. -0.445 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion:248 Resp: 18059
Ion Ratio Lower Upper
248 100
250 275.8 78.2 117.4#
141 426.3 37.6 56.4#

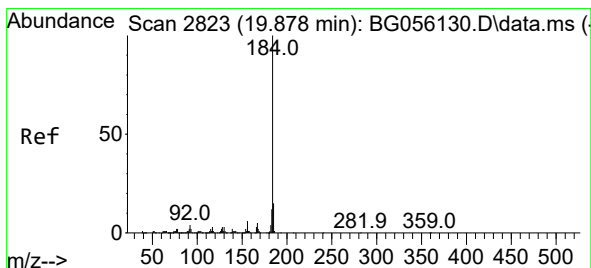
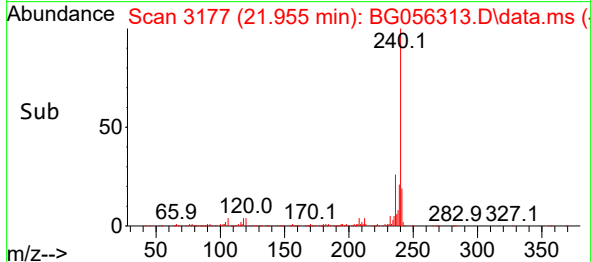
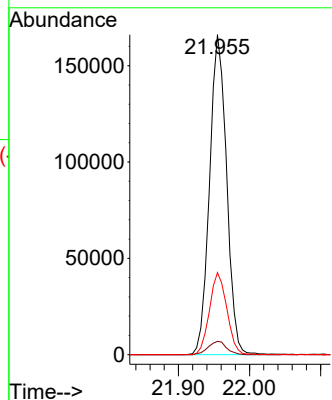
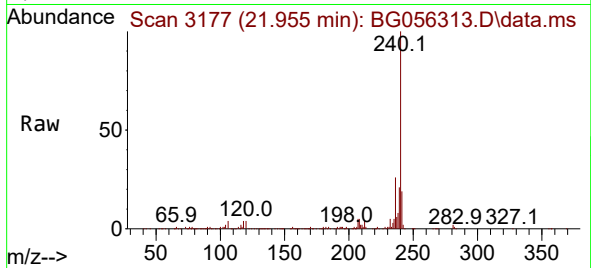




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.955 min Scan# 3180
Delta R.T. -0.005 min
Lab File: BG056130.D
Acq: 17 Jan 2023 13:40

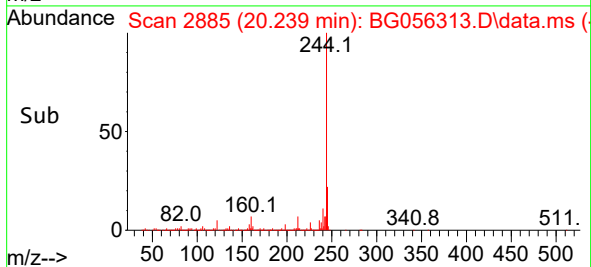
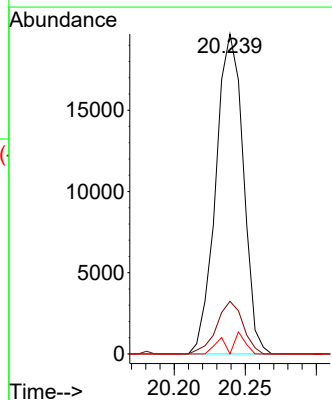
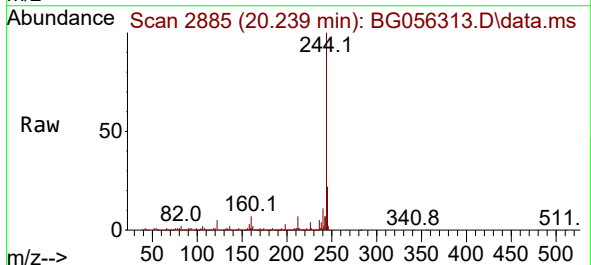
Instrument :
BNA_G
ClientSampleId :
TP-D

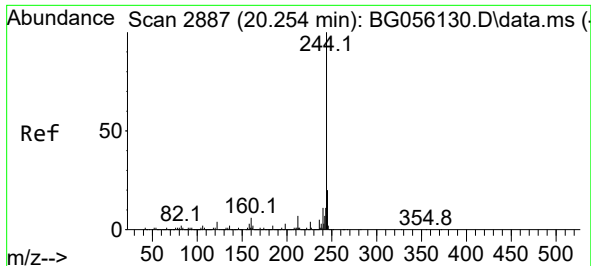
Tgt Ion:240 Resp: 277511
Ion Ratio Lower Upper
240 100
120 4.2 2.6 4.0#
236 25.6 20.8 31.2



#77
Benzidine
Concen: 2.721 ng
RT: 20.239 min Scan# 2885
Delta R.T. 0.377 min
Lab File: BG056313.D
Acq: 17 Jan 2023 13:40

Tgt Ion:184 Resp: 26466
Ion Ratio Lower Upper
184 100
185 16.5 12.2 18.2
183 0.0 9.4 14.0#

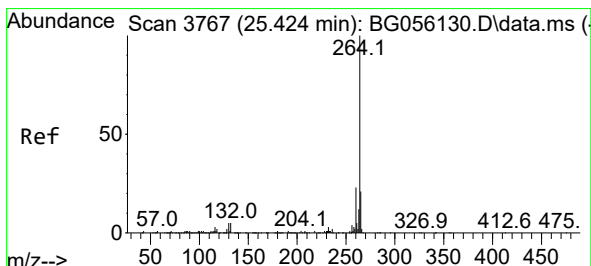
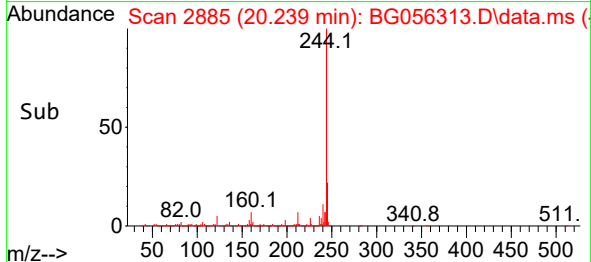
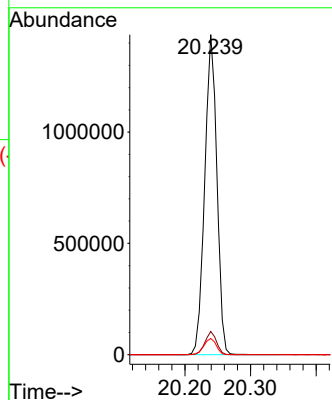
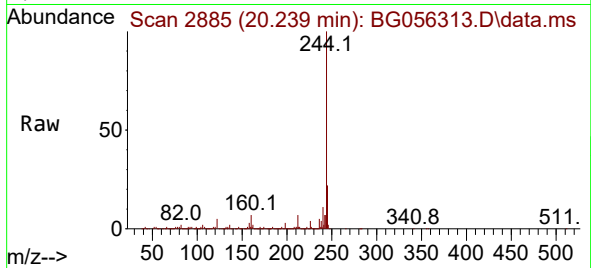




#79
 Terphenyl-d14
 Concen: 119.686 ng
 RT: 20.239 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG056313.D
 Acq: 17 Jan 2023 13:40

Instrument :
 BNA_G
 ClientSampleId :
 TP-D

Tgt Ion:244 Resp: 1854451
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.7 8.5
 122 5.0 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.392 min Scan# 3762
 Delta R.T. -0.011 min
 Lab File: BG056313.D
 Acq: 17 Jan 2023 13:40

Tgt Ion:264 Resp: 126685
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 19.6 16.7 25.1

