

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122822\
 Data File : BG056140.D
 Acq On : 28 Dec 2022 15:03
 Operator : CG/JU
 Sample : N6220-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Quant Time: Dec 29 03:37:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 05:20:14 2022
 Response via : Initial Calibration

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

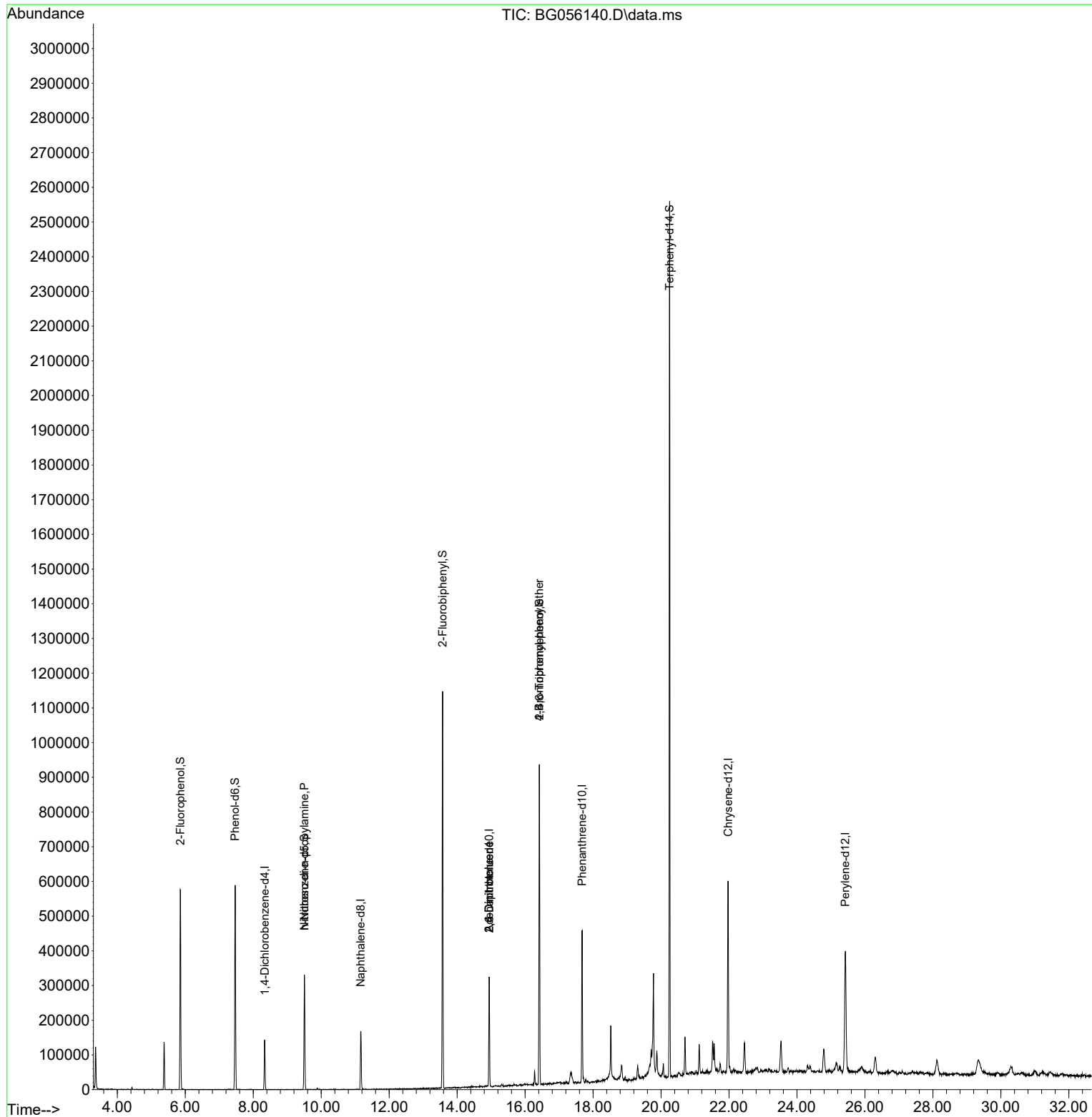
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.338	152	45846	20.000	ng	0.00
21) Naphthalene-d8	11.164	136	157117	20.000	ng	0.00
39) Acenaphthene-d10	14.942	164	120248	20.000	ng	0.00
64) Phenanthrene-d10	17.680	188	319904	20.000	ng	0.00
76) Chrysene-d12	21.975	240	380699	20.000	ng	0.00
86) Perylene-d12	25.424	264	430426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.853	112	325025	126.583	ng	0.00
7) Phenol-d6	7.468	99	447020	113.364	ng	0.00
23) Nitrobenzene-d5	9.507	82	236054	76.851	ng	0.00
42) 2,4,6-Tribromophenol	16.423	330	190599	125.154	ng	0.00
45) 2-Fluorobiphenyl	13.573	172	635753	73.008	ng	0.00
79) Terphenyl-d14	20.253	244	1386170	65.214	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.507	70	29419	12.269	ng	Qvalue
51) 2,6-Dinitrotoluene	14.942	165	15942	7.707	ng	# 75
57) 2,4-Dinitrotoluene	14.942	165	15942	5.511	ng	# 31
67) 4-Bromophenyl-phenylether	16.417	248	16286	3.998	ng	# 28
67) 4-Bromophenyl-phenylether	16.417	248	16286	3.998	ng	# 1

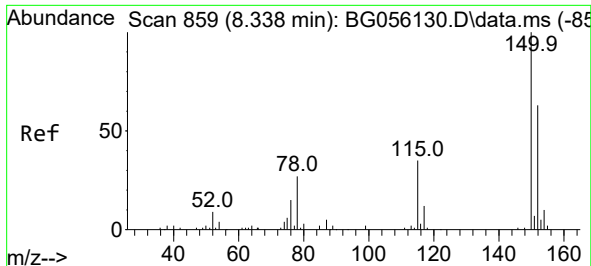
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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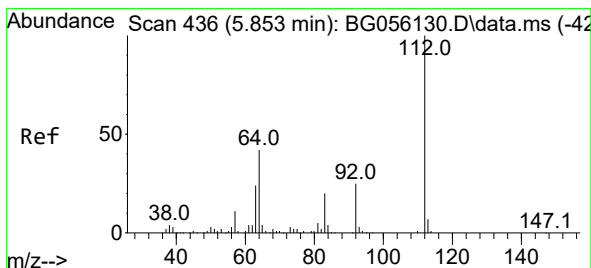
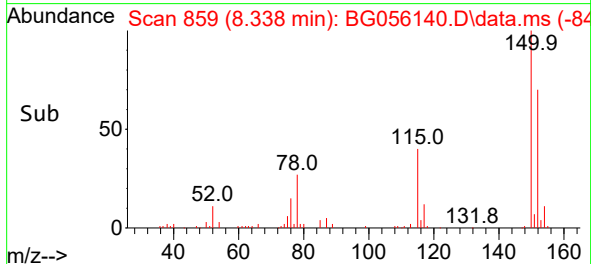
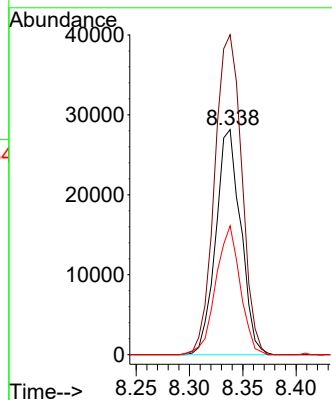
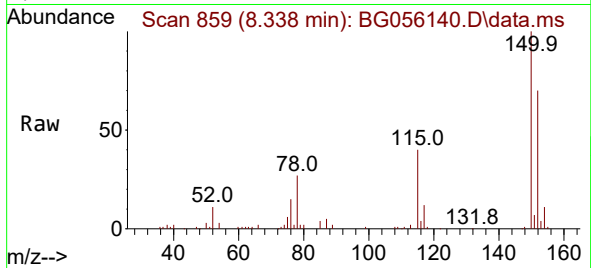




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.338 min Scan# 859
Delta R.T. 0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

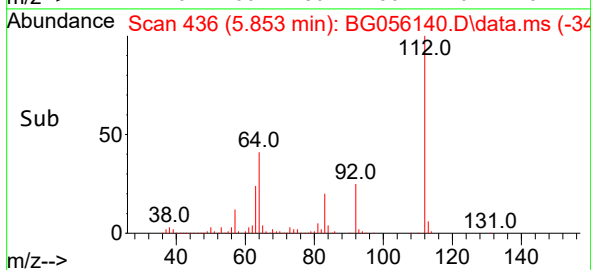
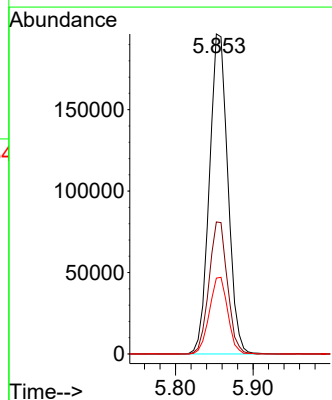
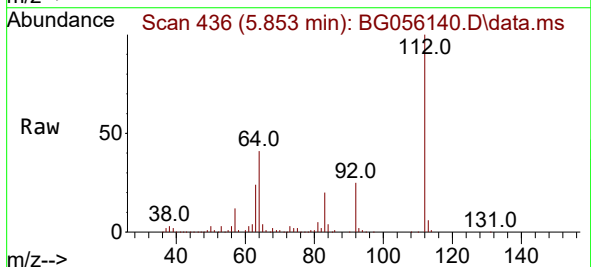
Instrument :
BNA_G
ClientSampleId :
TP-CR

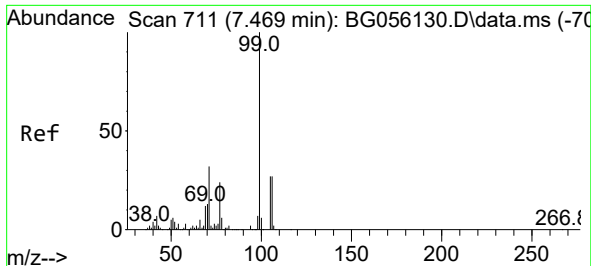
Tgt Ion:152 Resp: 45846
Ion Ratio Lower Upper
152 100
150 142.1 127.9 191.9
115 57.2 44.2 66.2



#5
2-Fluorophenol
Concen: 126.583 ng
RT: 5.853 min Scan# 436
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion:112 Resp: 325025
Ion Ratio Lower Upper
112 100
64 41.2 33.3 49.9
63 23.7 19.0 28.4

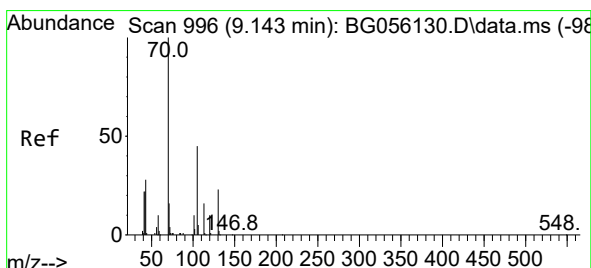
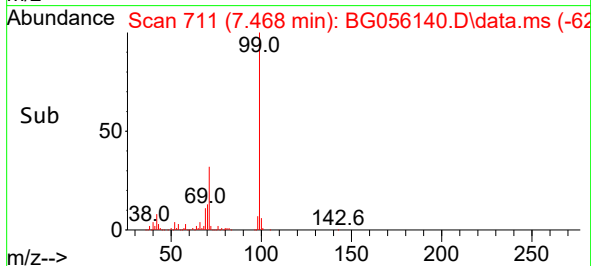
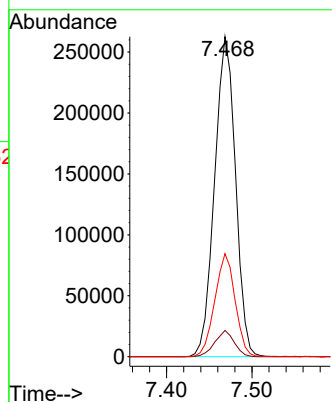
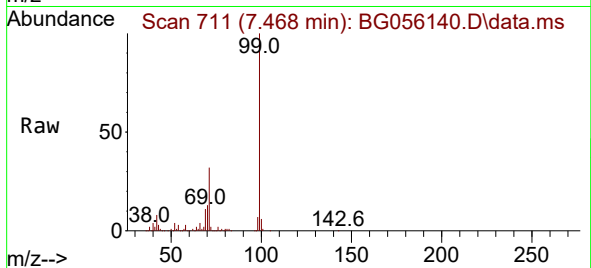




#7
Phenol-d6
Concen: 113.364 ng
RT: 7.468 min Scan# 711
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

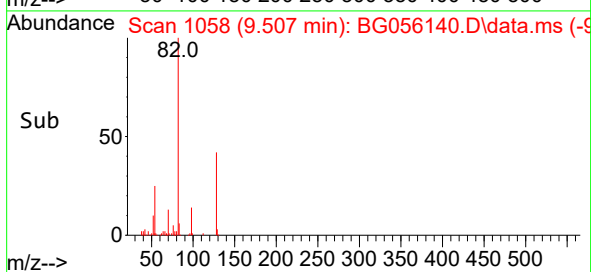
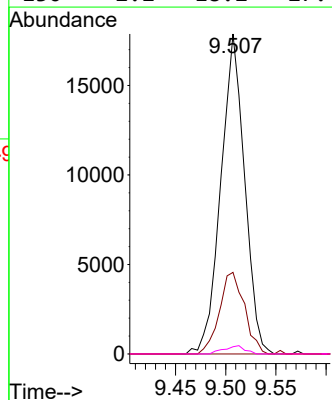
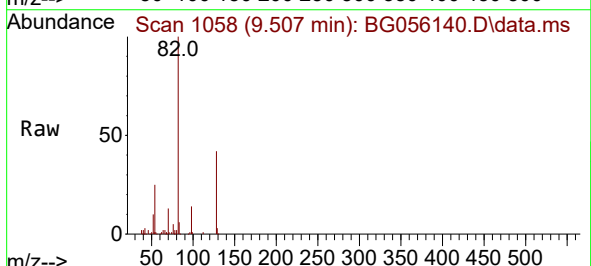
Instrument :
BNA_G
ClientSampleId :
TP-CR

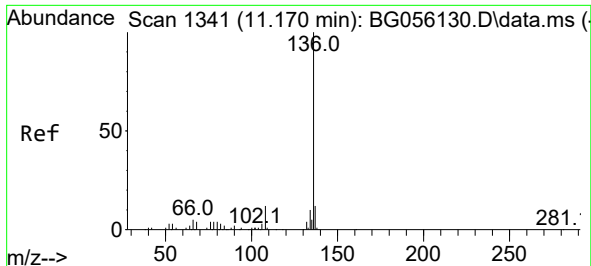
Tgt Ion: 99 Resp: 447020
Ion Ratio Lower Upper
99 100
42 8.2 5.9 8.9
71 32.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 12.269 ng
RT: 9.507 min Scan# 1058
Delta R.T. 0.364 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion: 70 Resp: 29419
Ion Ratio Lower Upper
70 100
42 25.5 18.2 27.2
101 0.0 8.3 12.5#
130 2.2 18.2 27.4#

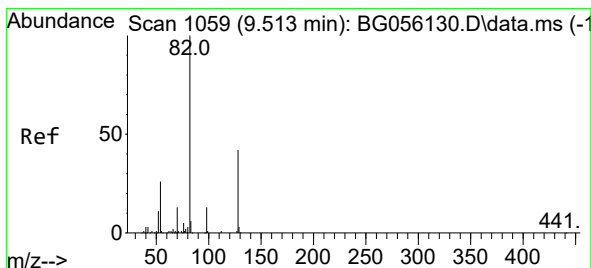
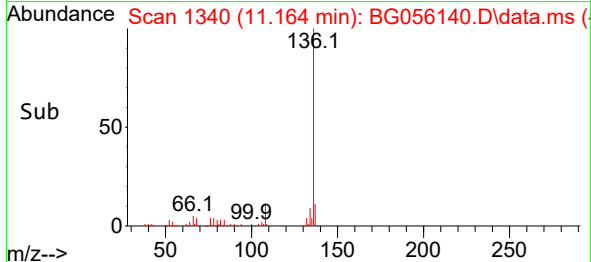
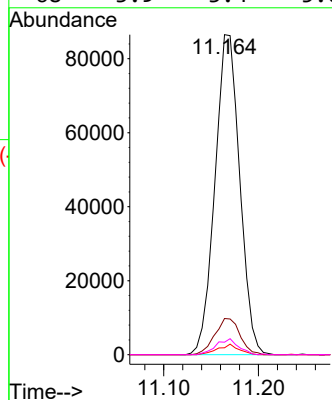
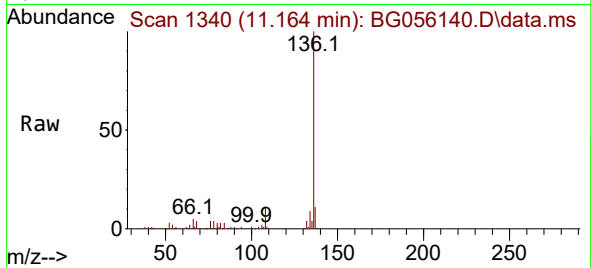




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.164 min Scan# 111
Delta R.T. -0.006 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

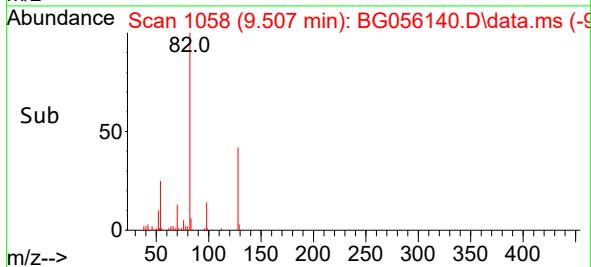
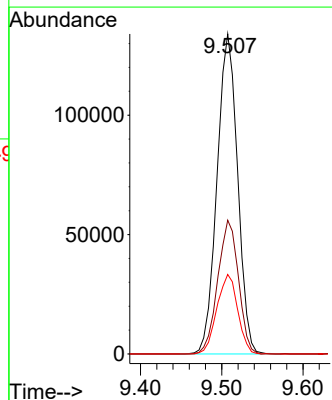
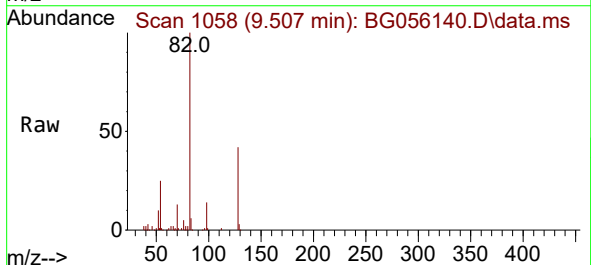
Instrument :
BNA_G
ClientSampleId :
TP-CR

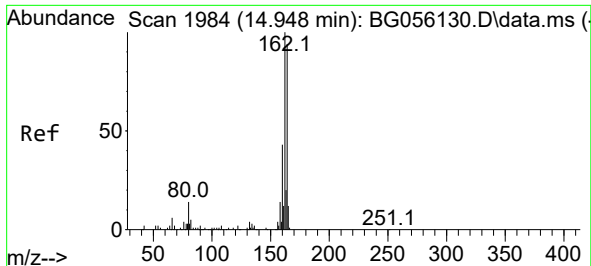
Tgt Ion:136 Resp: 157117
Ion Ratio Lower Upper
136 100
137 11.3 9.4 14.0
54 2.2 2.2 3.2
68 3.9 3.4 5.0



#23
Nitrobenzene-d5
Concen: 76.851 ng
RT: 9.507 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion: 82 Resp: 236054
Ion Ratio Lower Upper
82 100
128 41.8 33.4 50.2
54 24.8 20.3 30.5

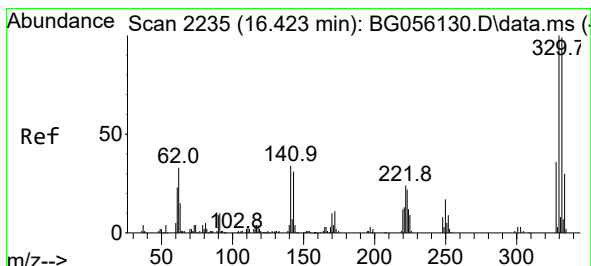
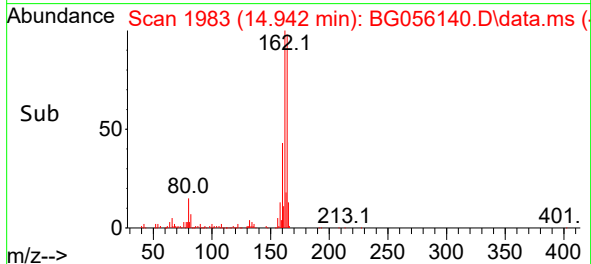
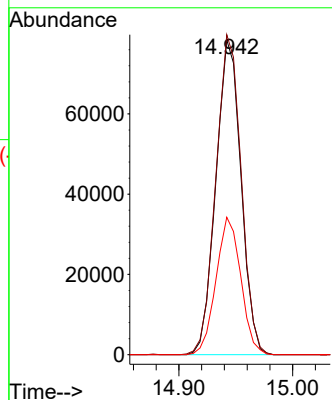
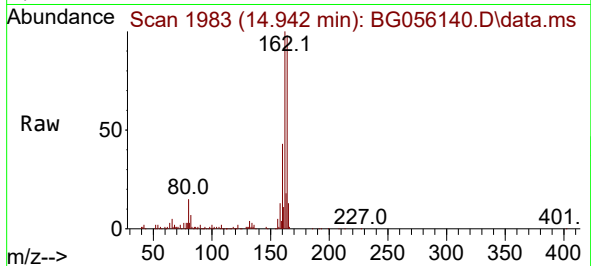




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.942 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

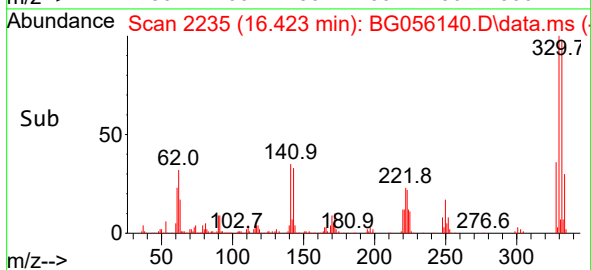
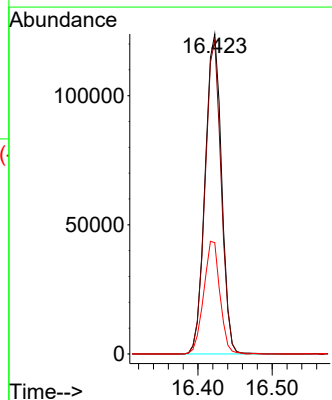
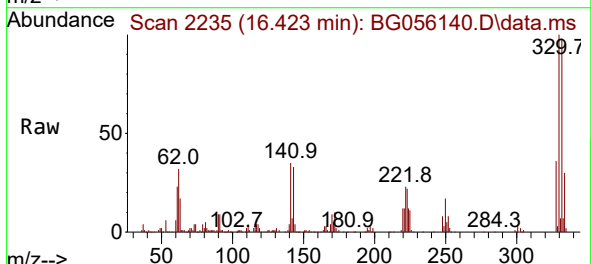
Instrument :
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 ClientSampleId :
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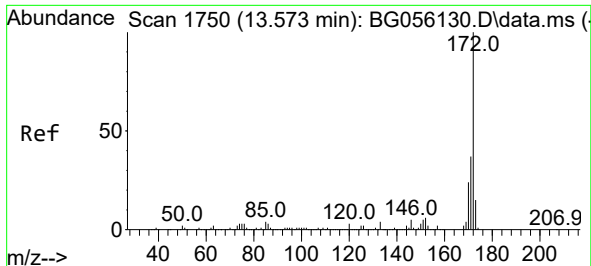
Tgt Ion:164 Resp: 120248
 Ion Ratio Lower Upper
 164 100
 162 101.7 84.7 127.1
 160 43.6 36.3 54.5



#42
 2,4,6-Tribromophenol
 Concen: 125.154 ng
 RT: 16.423 min Scan# 2235
 Delta R.T. -0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

Tgt Ion:330 Resp: 190599
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.3 115.9
 141 34.9 27.9 41.9

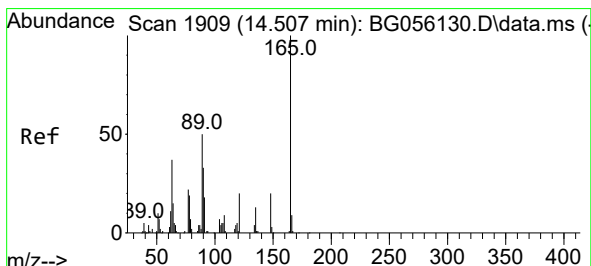
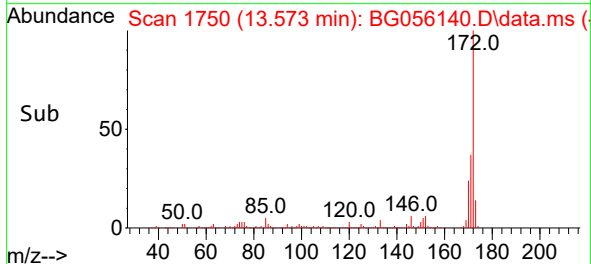
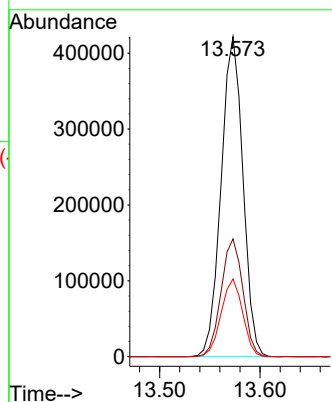
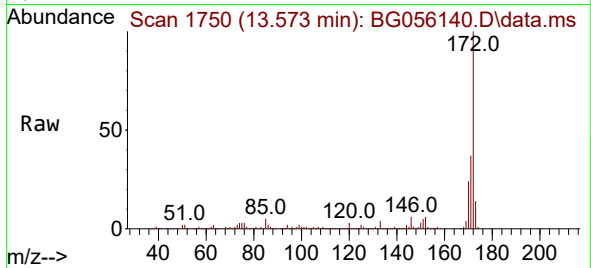




#45
2-Fluorobiphenyl
Concen: 73.008 ng
RT: 13.573 min Scan# 1
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

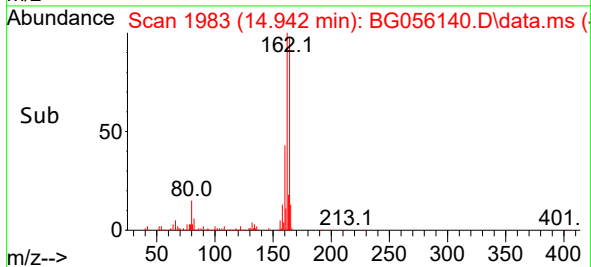
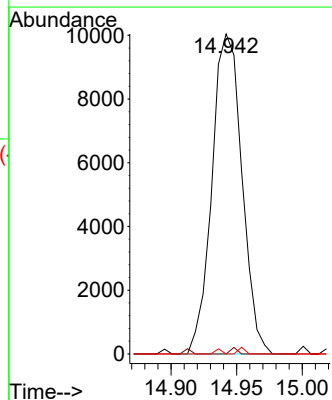
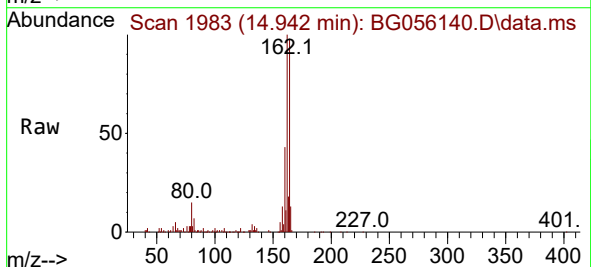
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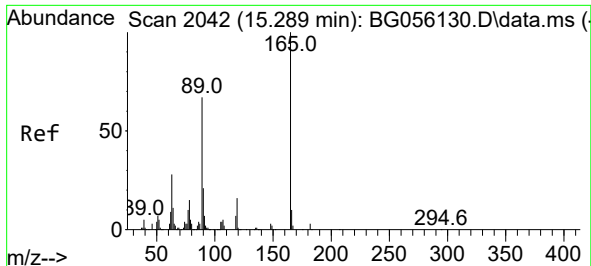
Tgt Ion:172 Resp: 635753
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.3 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.707 ng
RT: 14.942 min Scan# 1983
Delta R.T. 0.435 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion:165 Resp: 15942
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: 5.511 ng

RT: 14.942 min Scan# 1983

Delta R.T. -0.347 min

Lab File: BG056140.D

Acq: 28 Dec 2022 15:03

Instrument :

BNA_G

ClientSampleId :

TP-CR

Tgt Ion:165 Resp: 15942

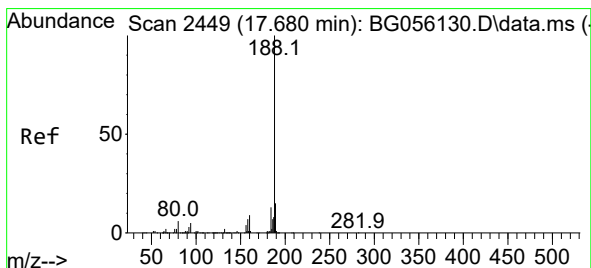
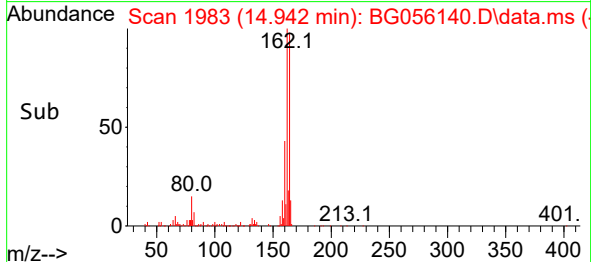
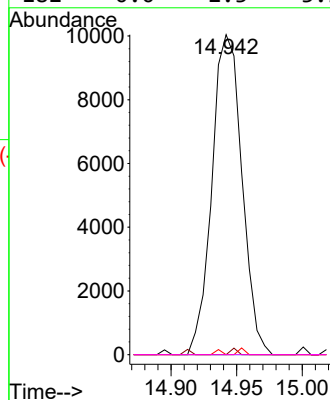
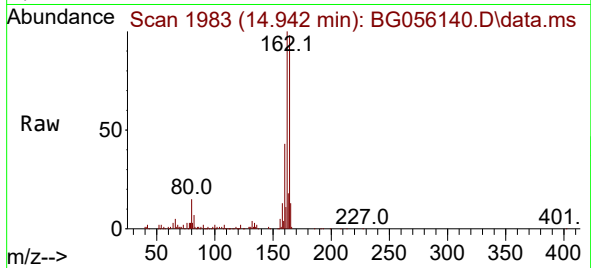
Ion Ratio Lower Upper

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: 17.680 min Scan# 2449

Delta R.T. -0.000 min

Lab File: BG056140.D

Acq: 28 Dec 2022 15:03

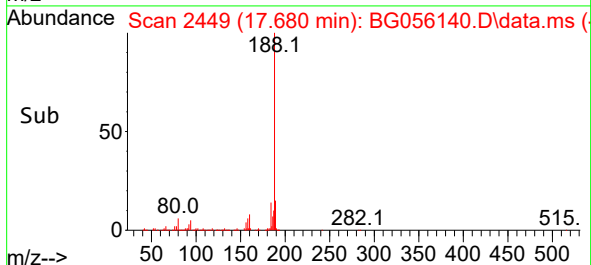
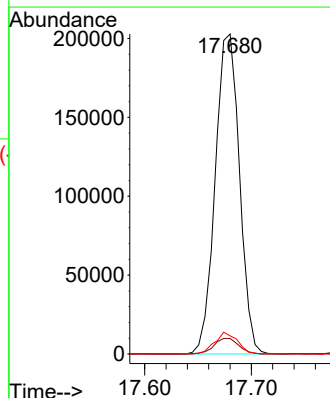
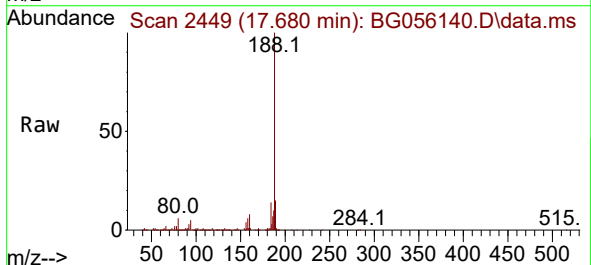
Tgt Ion:188 Resp: 319904

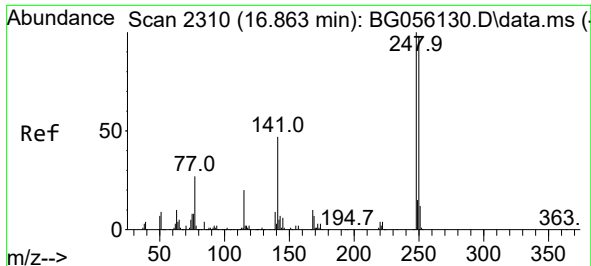
Ion Ratio Lower Upper

188 100

94 4.9 4.2 6.2

80 5.7 5.0 7.4

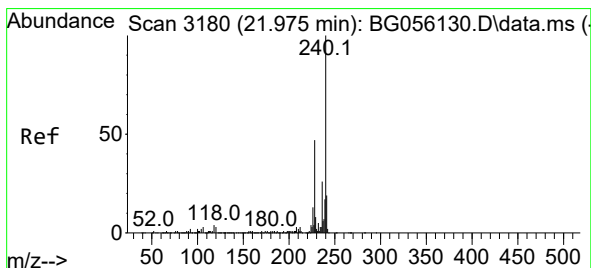
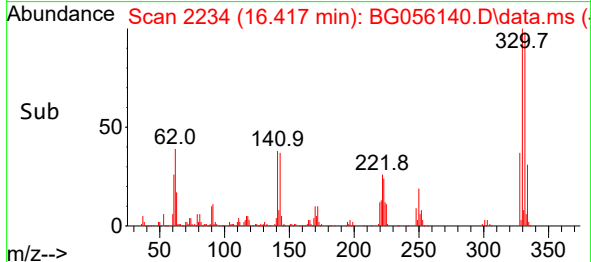
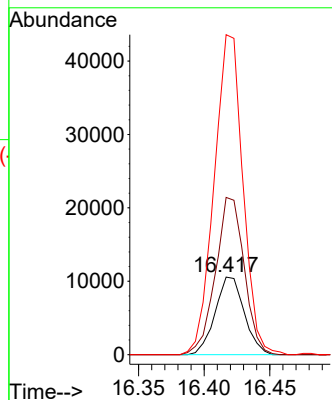
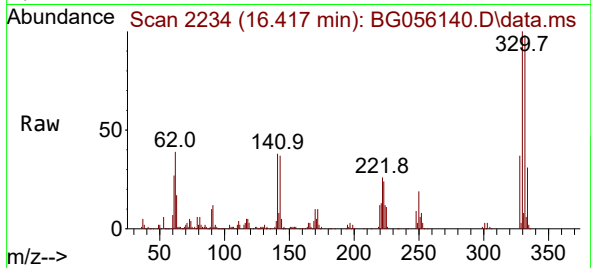




#67
4-Bromophenyl-phenylether
Concen: 3.998 ng
RT: 16.417 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

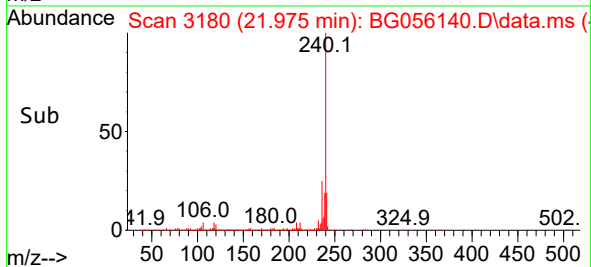
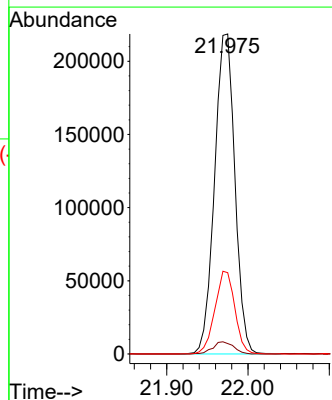
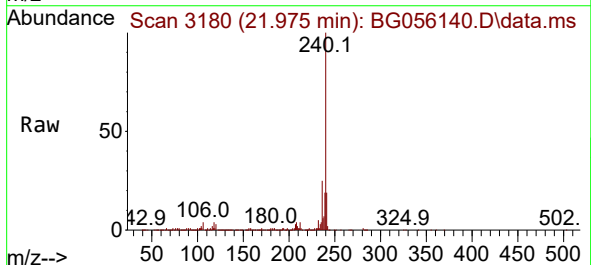
Instrument :
BNA_G
ClientSampleId :
TP-CR

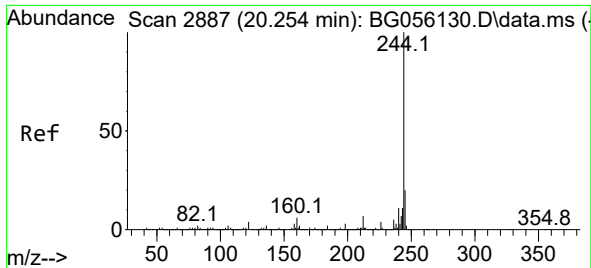
Tgt Ion:248 Resp: 16286
Ion Ratio Lower Upper
248 100
250 156.1 78.2 117.4#
141 317.8 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.975 min Scan# 3180
Delta R.T. -0.000 min
Lab File: BG056140.D
Acq: 28 Dec 2022 15:03

Tgt Ion:240 Resp: 380699
Ion Ratio Lower Upper
240 100
120 3.3 2.6 4.0
236 25.4 20.8 31.2

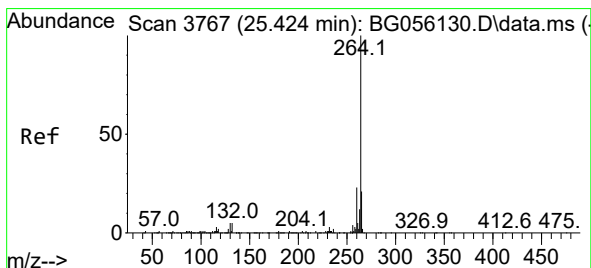
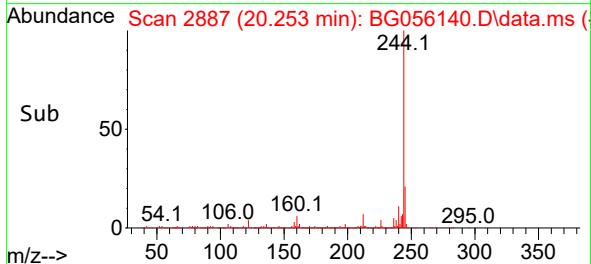
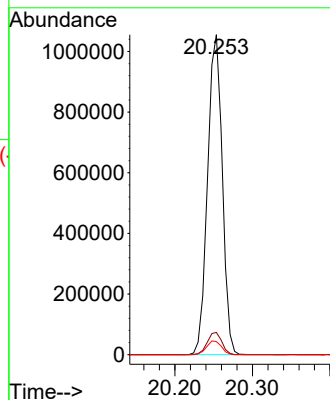
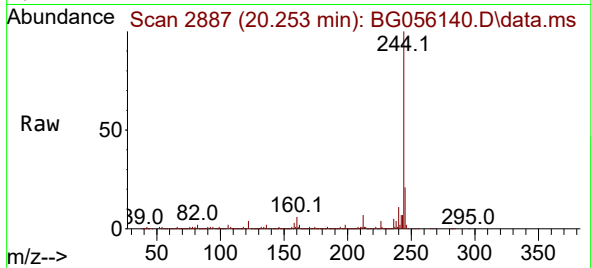




#79
 Terphenyl-d14
 Concen: 65.214 ng
 RT: 20.253 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

Instrument :
 BNA_G
 ClientSampleId :
 TP-CR

Tgt Ion:244 Resp: 1386170
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 4.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.424 min Scan# 3767
 Delta R.T. -0.000 min
 Lab File: BG056140.D
 Acq: 28 Dec 2022 15:03

Tgt Ion:264 Resp: 430426
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.6 28.0
 265 20.7 16.7 25.1

