

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057640.D
 Acq On : 6 Jun 2023 16:46
 Operator : CG/JU
 Sample : 03016-06
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-45(OW)

Quant Time: Jun 06 17:41:31 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

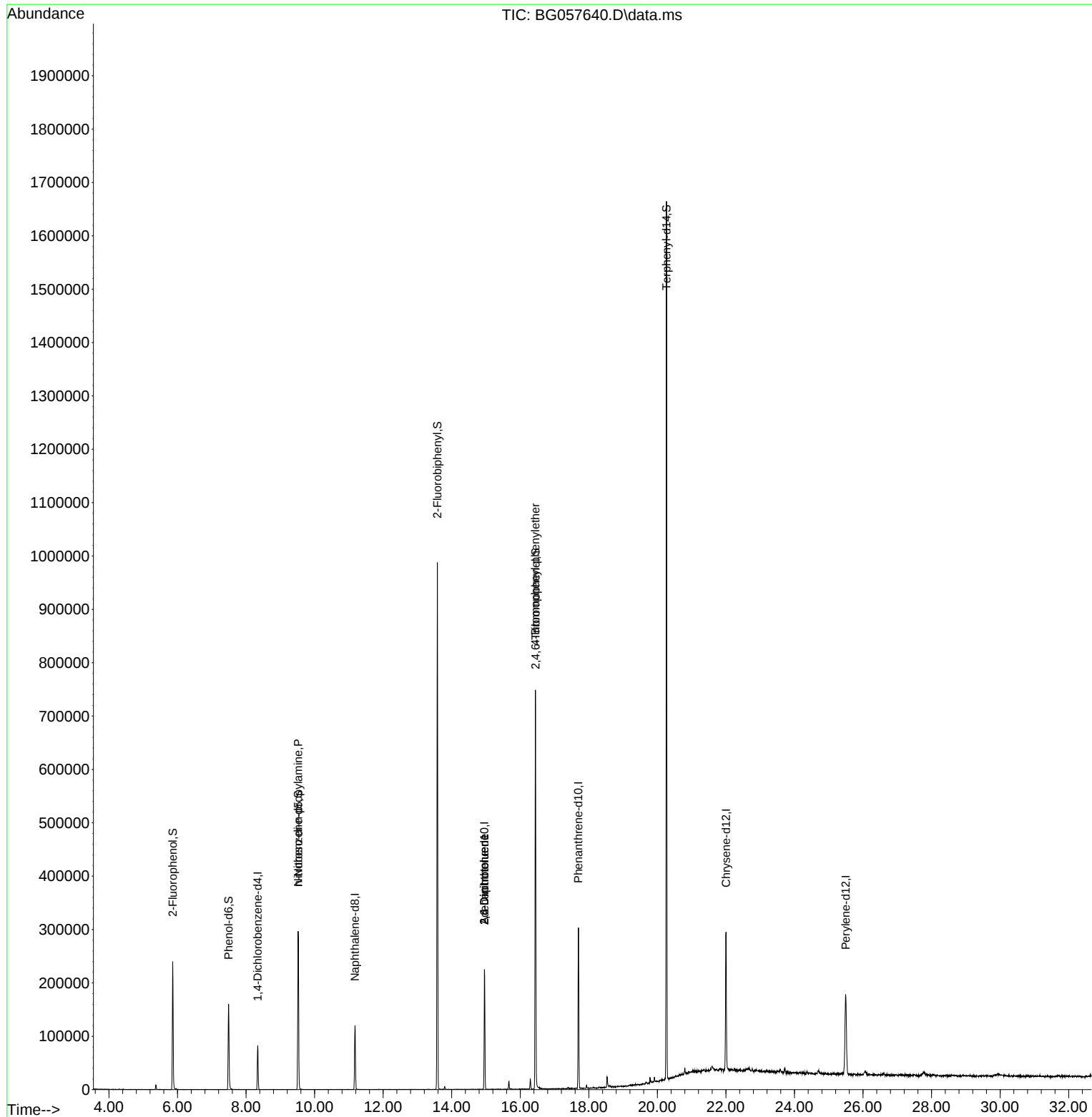
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	25219	20.000	ng	0.00
21) Naphthalene-d8	11.177	136	108124	20.000	ng	# 0.00
39) Acenaphthene-d10	14.954	164	81978	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	197167	20.000	ng	0.00
76) Chrysene-d12	22.003	240	165539	20.000	ng	0.00
86) Perylene-d12	25.493	264	178376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	111132	76.557	ng	0.00
7) Phenol-d6	7.488	99	113772	50.081	ng	0.00
23) Nitrobenzene-d5	9.520	82	204921	88.595	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	160233	122.083	ng	0.00
45) 2-Fluorobiphenyl	13.580	172	526097	92.228	ng	0.00
79) Terphenyl-d14	20.265	244	817827	85.579	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.520	70	27622	17.501	ng	# 75
51) 2,6-Dinitrotoluene	14.954	165	11264	7.788	ng	# 27
57) 2,4-Dinitrotoluene	14.954	165	11264	5.201	ng	# 25
67) 4-Bromophenyl-phenylether	16.440	248	11399	5.154	ng	# 1

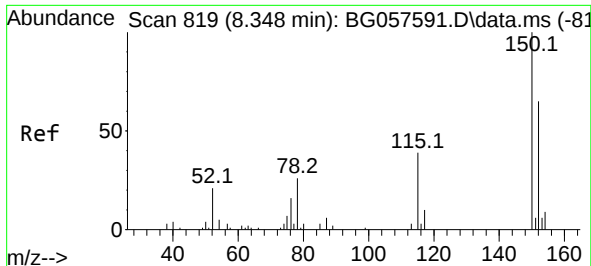
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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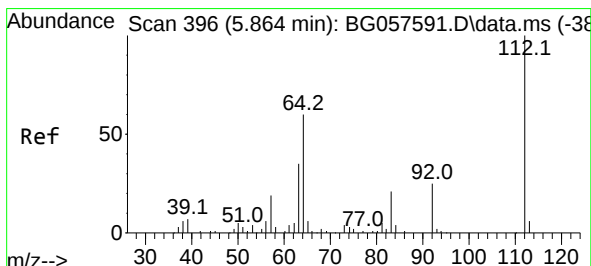
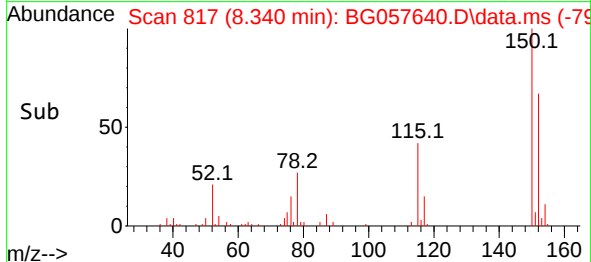
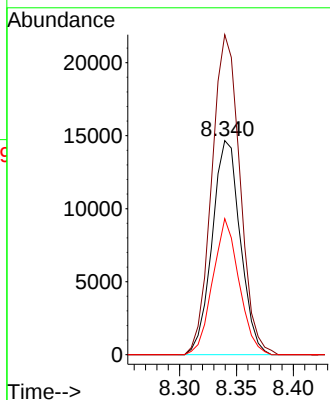
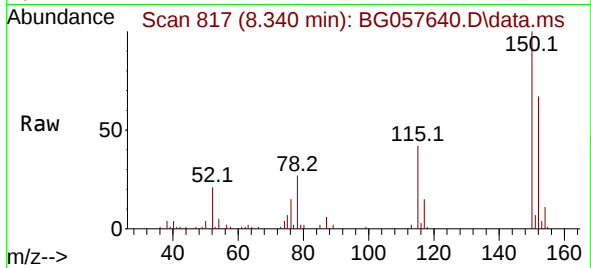




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 819
Delta R.T. 0.006 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

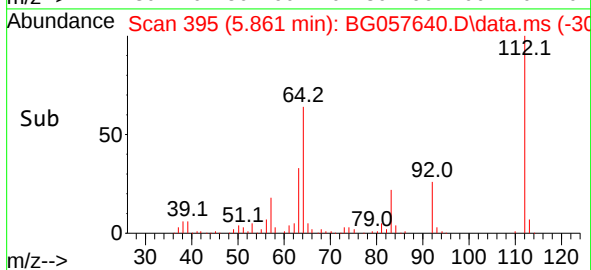
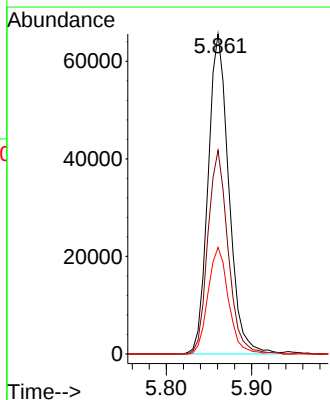
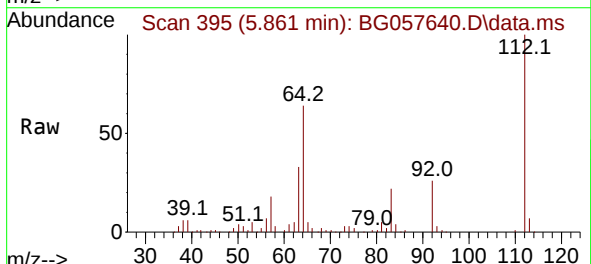
Instrument :
BNA_G
ClientSampleId :
B-45(OW)

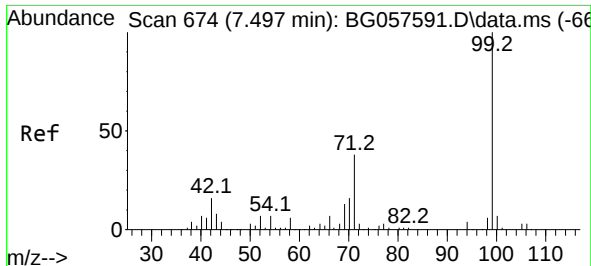
Tgt Ion:152 Resp: 25219
Ion Ratio Lower Upper
152 100
150 149.4 123.0 184.4
115 63.5 47.4 71.2



#5
2-Fluorophenol
Concen: 76.557 ng
RT: 5.861 min Scan# 395
Delta R.T. 0.006 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

Tgt Ion:112 Resp: 111132
Ion Ratio Lower Upper
112 100
64 63.6 47.8 71.6
63 33.3 27.8 41.8

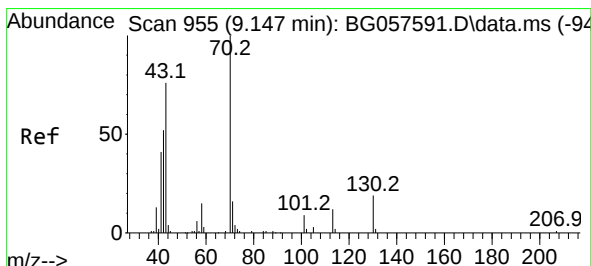
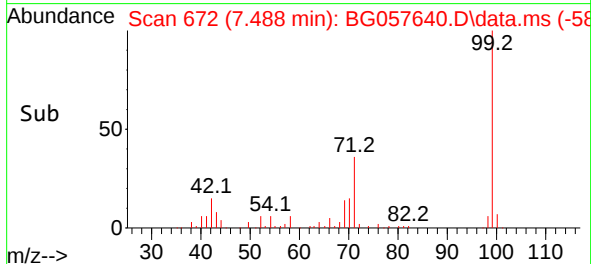
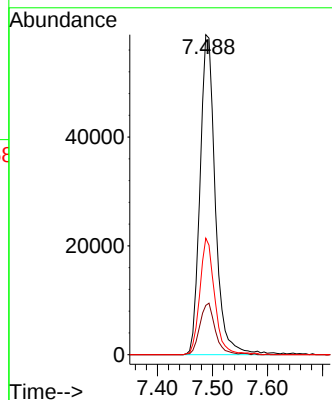
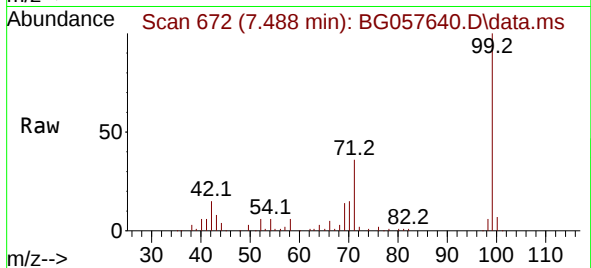




#7
Phenol-d6
Concen: 50.081 ng
RT: 7.488 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

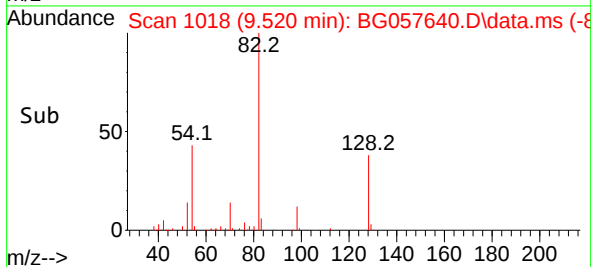
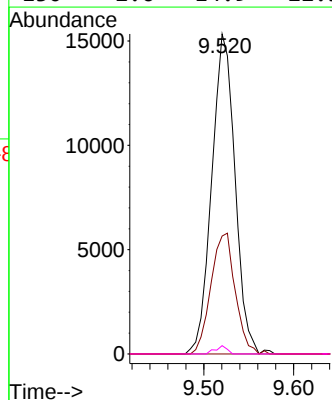
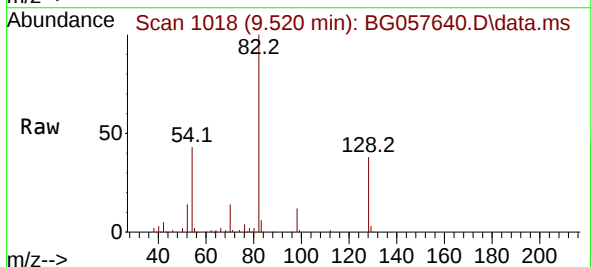
Instrument :
BNA_G
ClientSampleId :
B-45(OW)

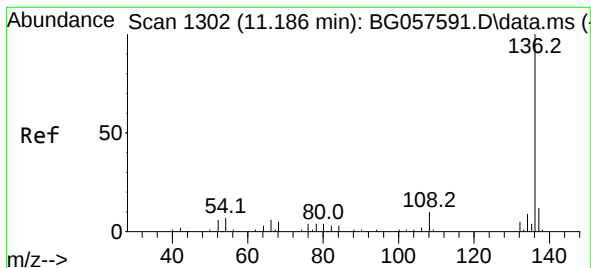
Tgt Ion: 99 Resp: 113772
Ion Ratio Lower Upper
99 100
42 15.4 12.8 19.2
71 36.4 30.3 45.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.501 ng
RT: 9.520 min Scan# 1018
Delta R.T. 0.382 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

Tgt Ion: 70 Resp: 27622
Ion Ratio Lower Upper
70 100
42 36.8 41.4 62.0#
101 0.0 6.9 10.3#
130 2.6 14.9 22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.177 min Scan# 11

Delta R.T. -0.000 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

Instrument :

BNA_G

ClientSampleId :

B-45(OW)

Tgt Ion:136 Resp: 108124

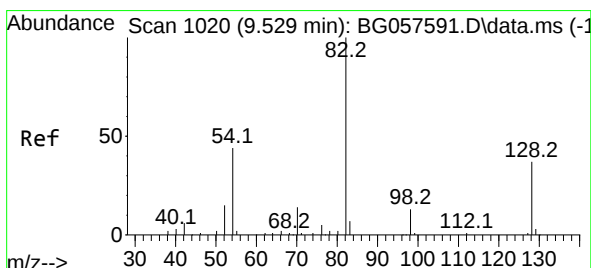
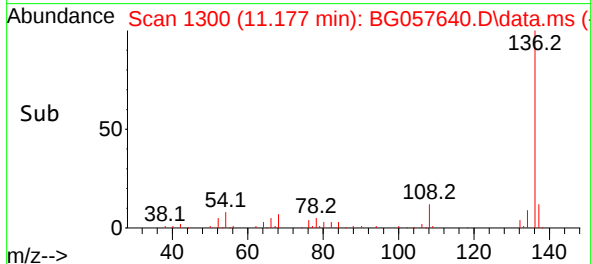
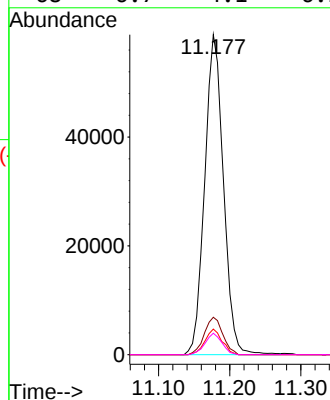
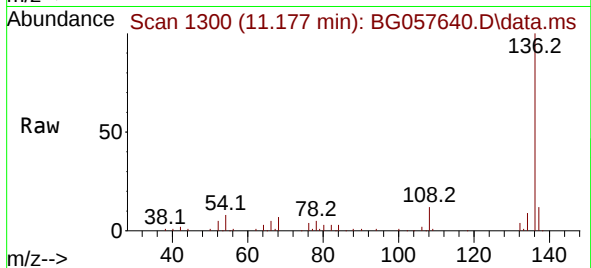
Ion Ratio Lower Upper

136 100

137 11.7 9.8 14.8

54 8.0 5.8 8.6

68 6.7 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 88.595 ng

RT: 9.520 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

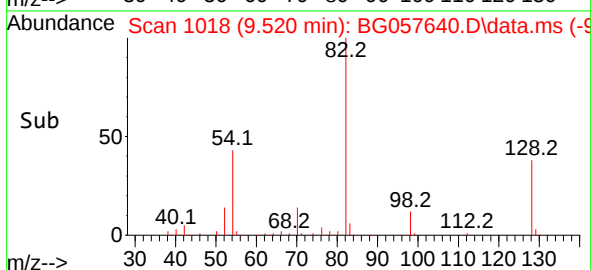
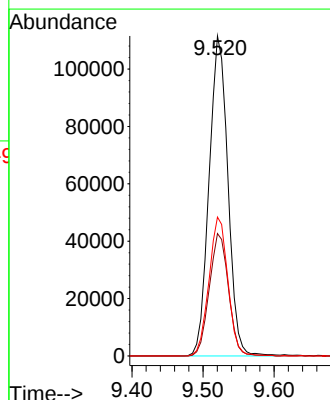
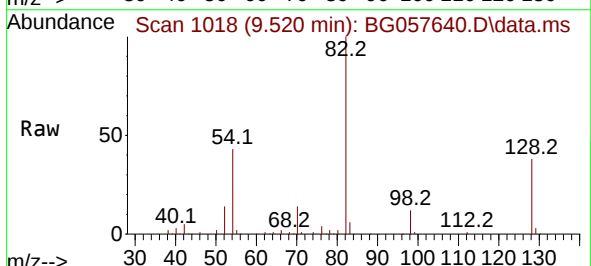
Tgt Ion: 82 Resp: 204921

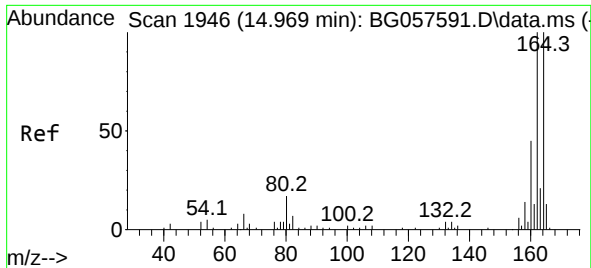
Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 43.4 35.2 52.8

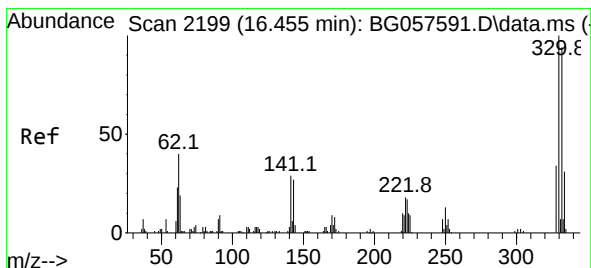
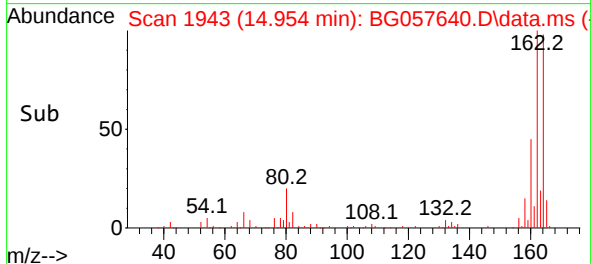
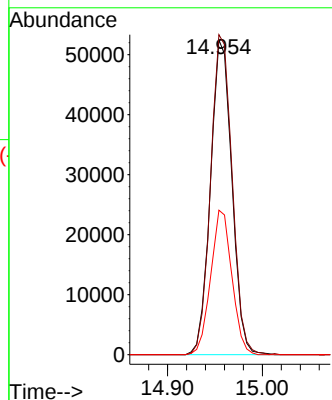
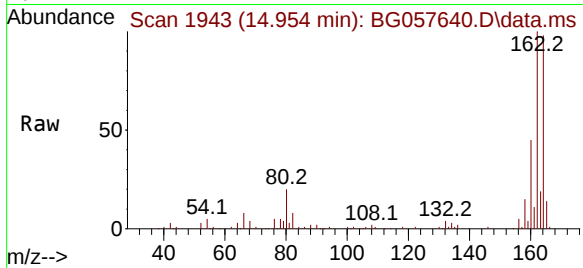




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.954 min Scan# 1943
Delta R.T. -0.006 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

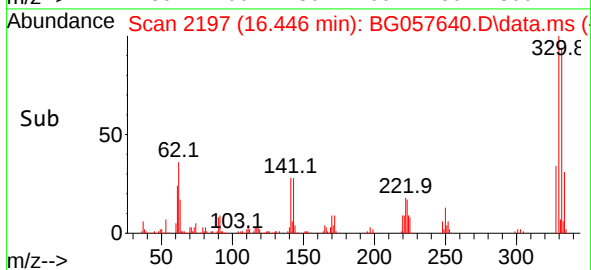
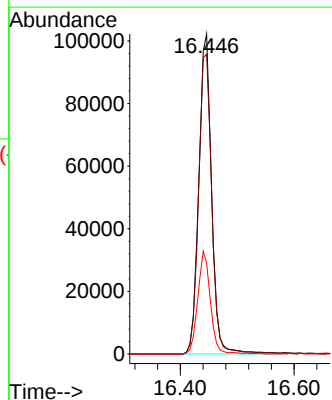
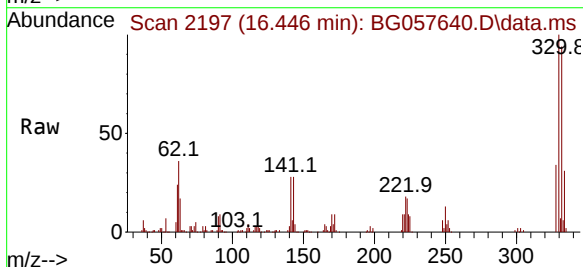
Instrument :
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ClientSampleId :
B-45(OW)

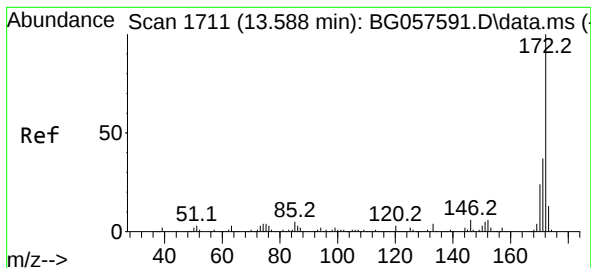
Tgt Ion:164 Resp: 81978
Ion Ratio Lower Upper
164 100
162 101.7 80.1 120.1
160 45.9 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 122.083 ng
RT: 16.446 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

Tgt Ion:330 Resp: 160233
Ion Ratio Lower Upper
330 100
332 97.3 77.3 115.9
141 31.5 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 92.228 ng

RT: 13.580 min Scan# 1

Delta R.T. -0.000 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

Instrument :

BNA_G

ClientSampleId :

B-45(OW)

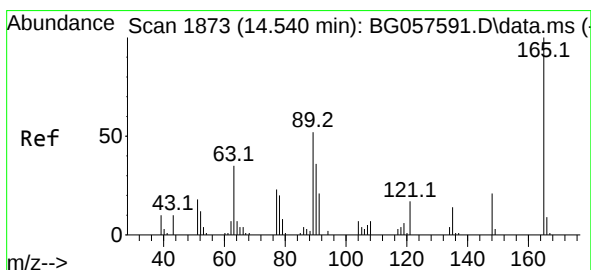
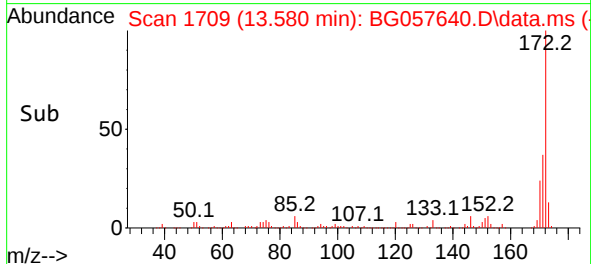
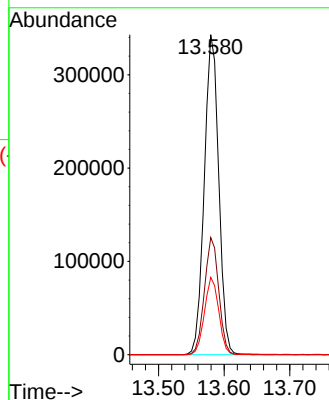
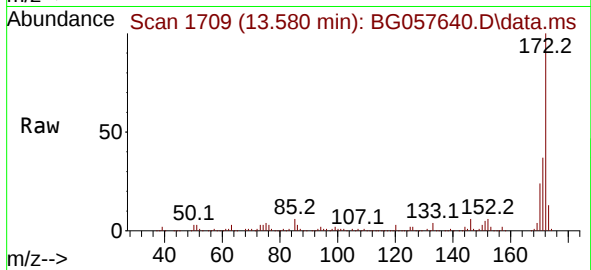
Tgt Ion:172 Resp: 526097

Ion Ratio Lower Upper

172 100

171 36.6 29.2 43.8

170 24.2 19.0 28.4



#51

2,6-Dinitrotoluene

Concen: 7.788 ng

RT: 14.954 min Scan# 1943

Delta R.T. 0.423 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

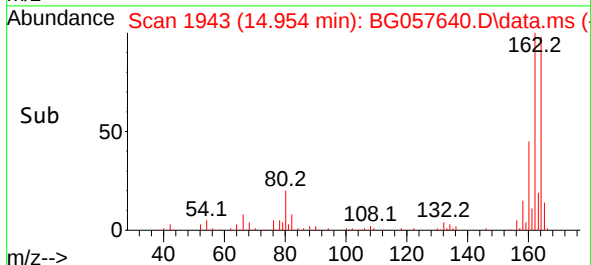
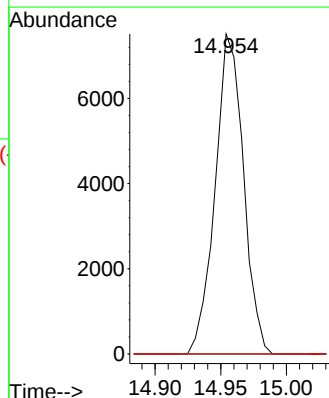
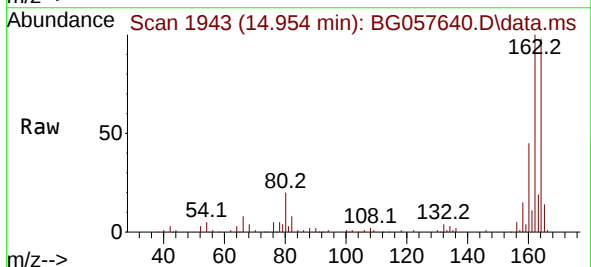
Tgt Ion:165 Resp: 11264

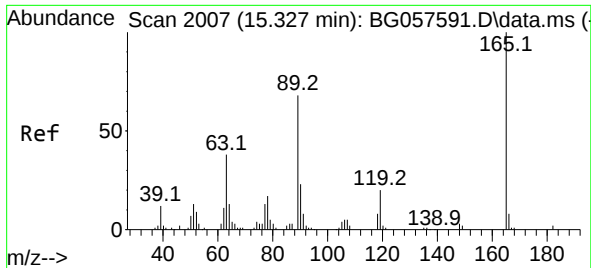
Ion Ratio Lower Upper

165 100

63 0.0 39.3 58.9#

89 0.0 41.5 62.3#





#57

2,4-Dinitrotoluene

Concen: 5.201 ng

RT: 14.954 min Scan# 1943

Delta R.T. -0.370 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

Instrument :

BNA_G

ClientSampleId :

B-45(OW)

Tgt Ion:165 Resp: 11264

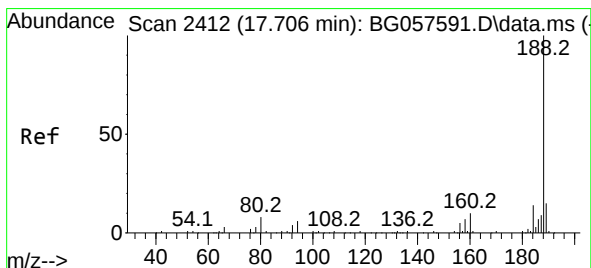
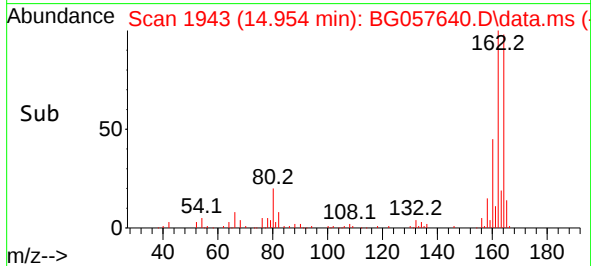
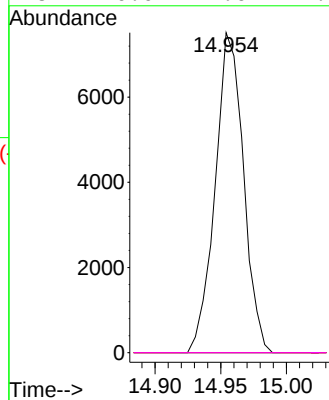
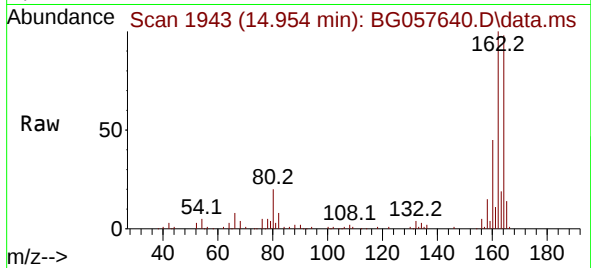
Ion Ratio Lower Upper

165 100

63 0.0 30.6 45.8#

89 0.0 54.2 81.2#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.697 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

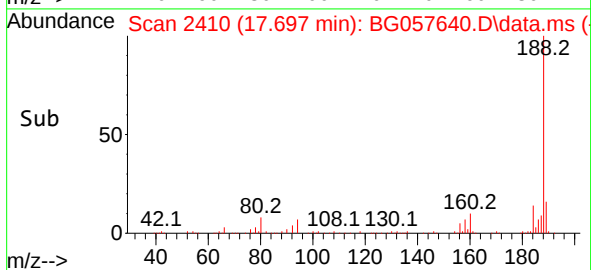
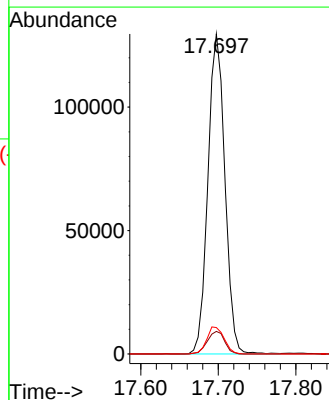
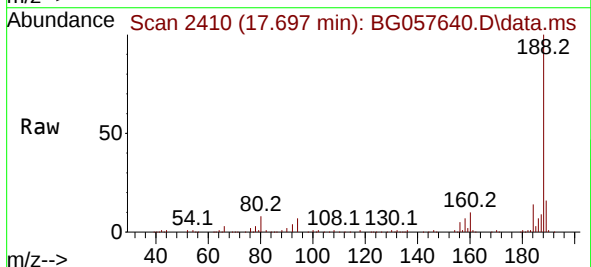
Tgt Ion:188 Resp: 197167

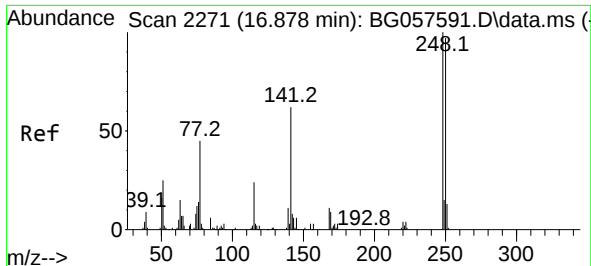
Ion Ratio Lower Upper

188 100

94 7.0 5.2 7.8

80 8.3 6.7 10.1

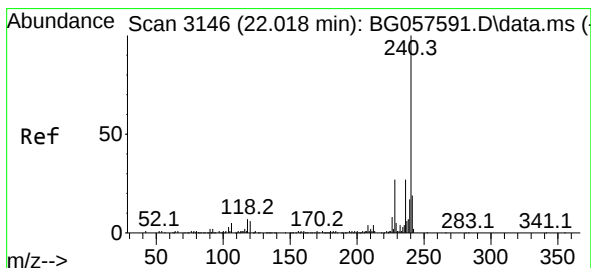
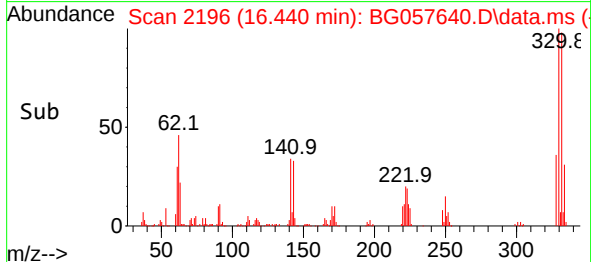
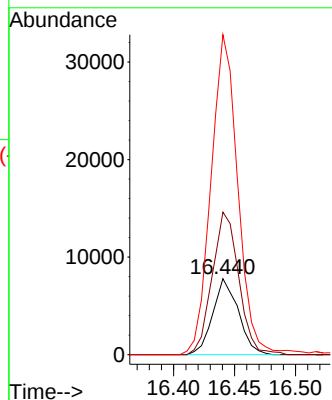
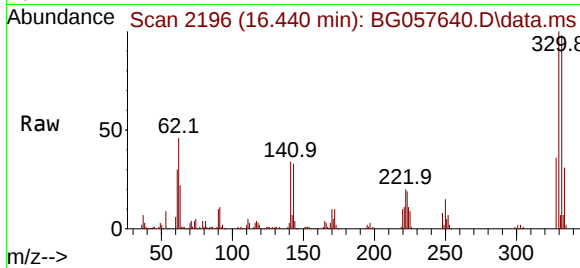




#67
4-Bromophenyl-phenylether
Concen: 5.154 ng
RT: 16.440 min Scan# 2196
Delta R.T. -0.429 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

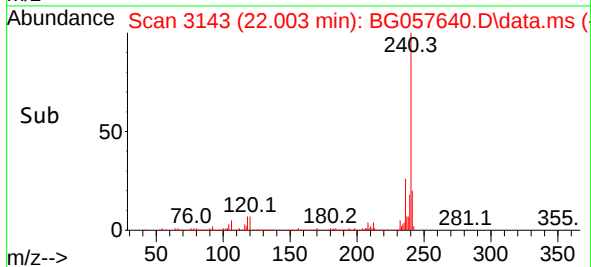
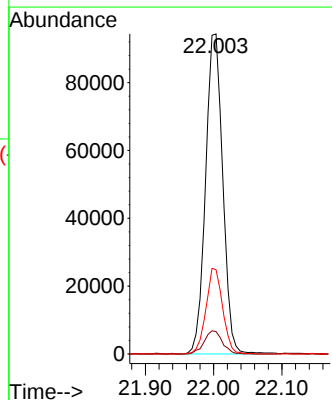
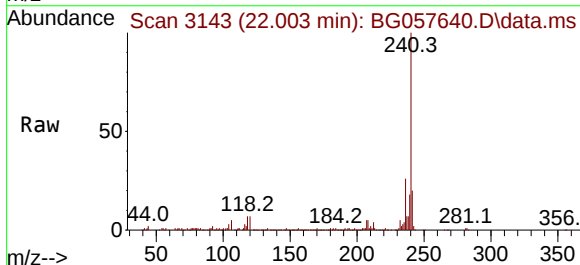
Instrument :
BNA_G
ClientSampleId :
B-45(OW)

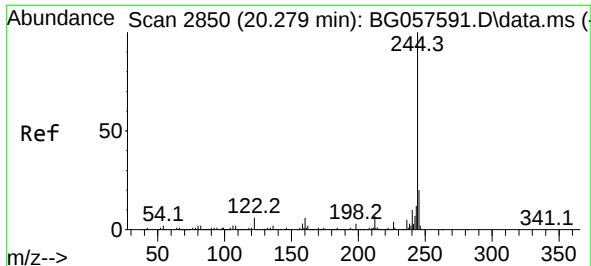
Tgt Ion:248 Resp: 11399
Ion Ratio Lower Upper
248 100
250 187.7 77.4 116.2#
141 421.3 49.4 74.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.003 min Scan# 3143
Delta R.T. -0.000 min
Lab File: BG057640.D
Acq: 6 Jun 2023 16:46

Tgt Ion:240 Resp: 165539
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 26.4 21.4 32.0

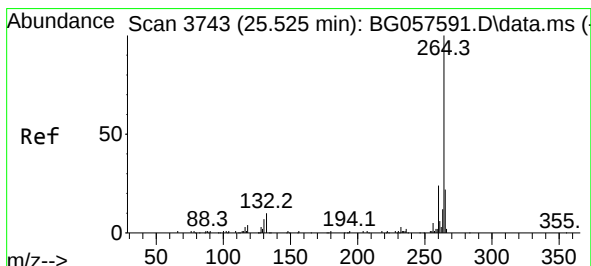
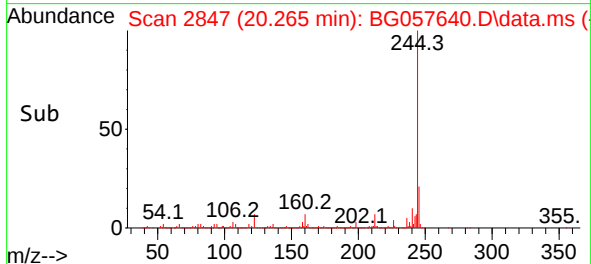
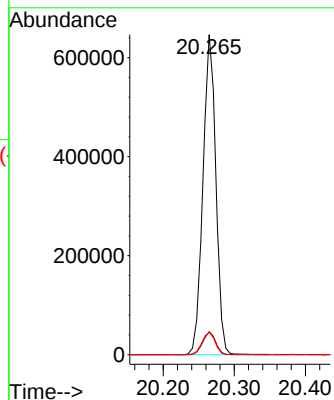
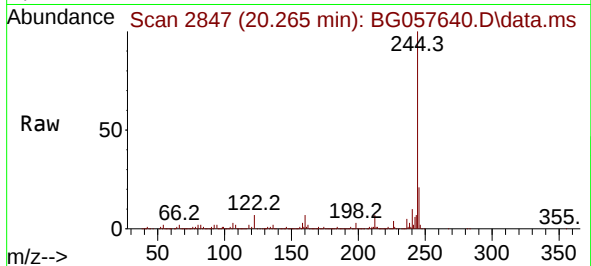




#79
 Terphenyl-d14
 Concen: 85.579 ng
 RT: 20.265 min Scan# 2847
 Delta R.T. -0.000 min
 Lab File: BG057640.D
 Acq: 6 Jun 2023 16:46

Instrument :
 BNA_G
 ClientSampleId :
 B-45(OW)

Tgt Ion:244 Resp: 817827
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 7.0 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.493 min Scan# 3737
 Delta R.T. -0.006 min
 Lab File: BG057640.D
 Acq: 6 Jun 2023 16:46

Tgt Ion:264 Resp: 178376
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 21.8 17.7 26.5

