

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011623\
 Data File : BG056302.D
 Acq On : 16 Jan 2023 18:50
 Operator : CG/JU
 Sample : 01133-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 17 05:26:41 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)

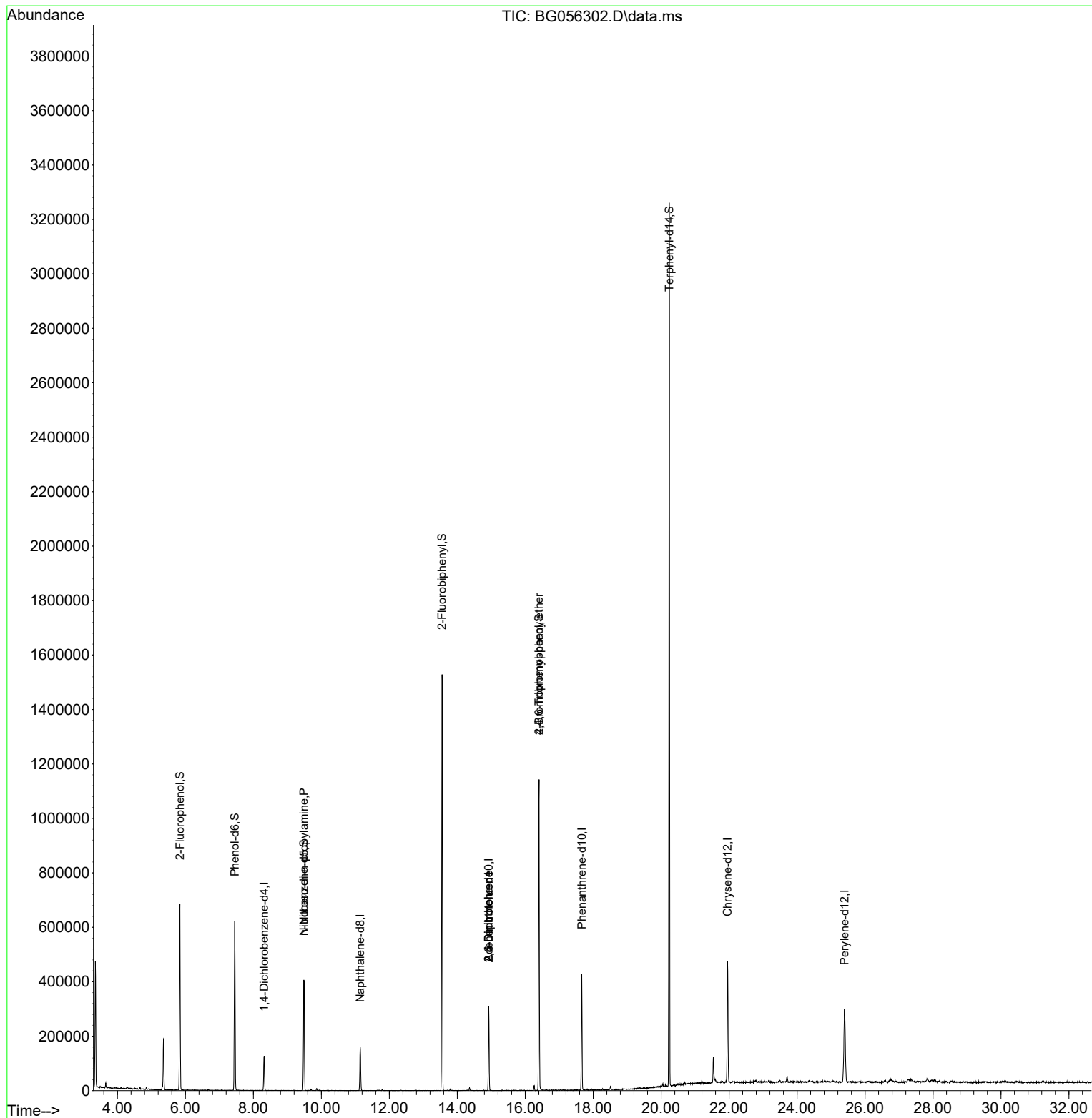
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.317	152	41948	20.000	ng	0.00
21) Naphthalene-d8	11.143	136	151198	20.000	ng	# 0.00
39) Acenaphthene-d10	14.927	164	117366	20.000	ng	0.00
64) Phenanthrene-d10	17.665	188	301164	20.000	ng	0.00
76) Chrysene-d12	21.954	240	306595	20.000	ng	# 0.00
86) Perylene-d12	25.397	264	326893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.838	112	370957	157.896	ng	0.01
7) Phenol-d6	7.453	99	475686	131.843	ng	0.00
23) Nitrobenzene-d5	9.486	82	301539	102.013	ng	0.00
42) 2,4,6-Tribromophenol	16.408	330	237416	159.723	ng	0.00
45) 2-Fluorobiphenyl	13.552	172	886565	104.311	ng	0.00
79) Terphenyl-d14	20.238	244	1743546	101.854	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.486	70	36233	16.515	ng	# 71
51) 2,6-Dinitrotoluene	14.927	165	15129	7.494	ng	# 32
57) 2,4-Dinitrotoluene	14.927	165	15129	5.358	ng	# 29
67) 4-Bromophenyl-phenylether	16.408	248	20219	5.272	ng	# 1

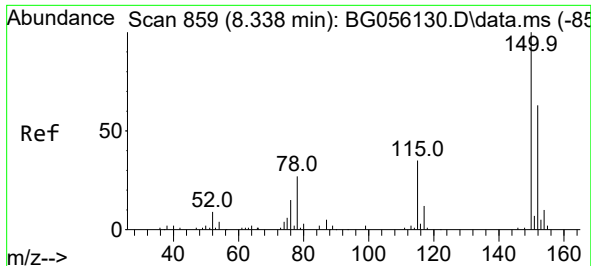
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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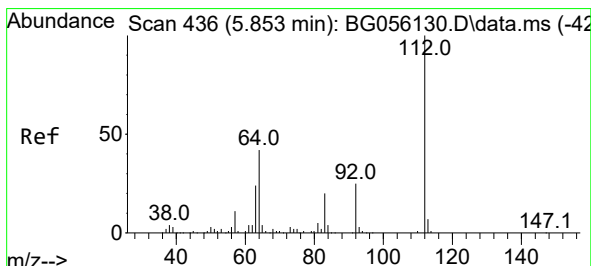
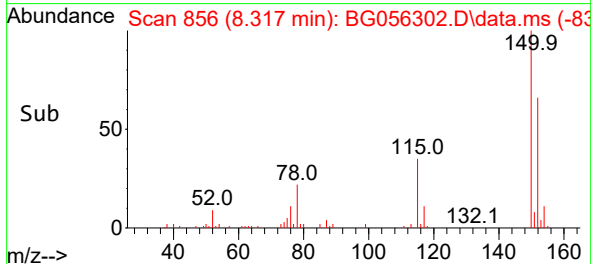
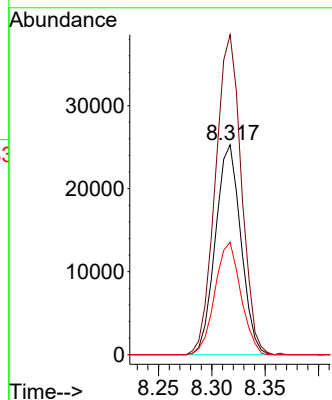
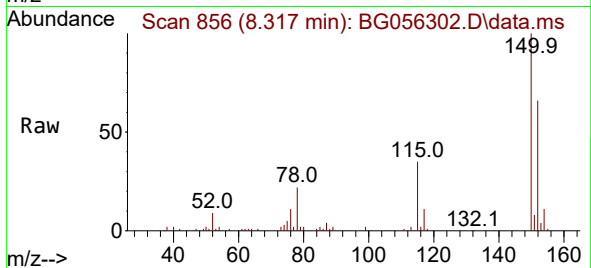




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.317 min Scan# 81
Delta R.T. 0.000 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

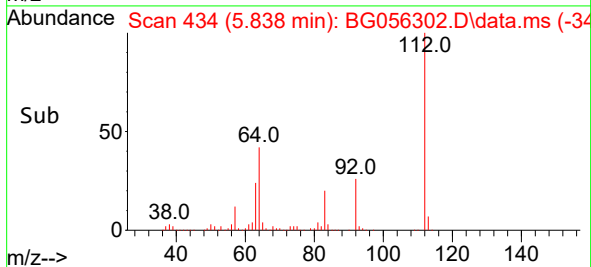
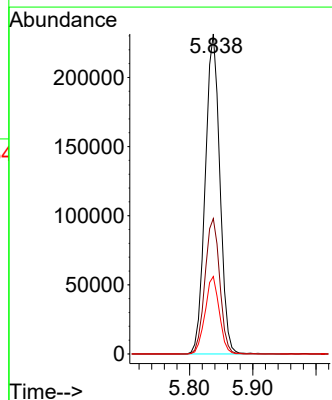
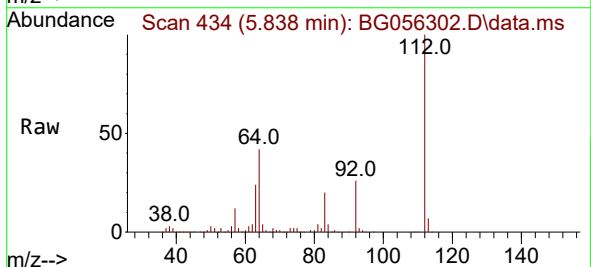
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

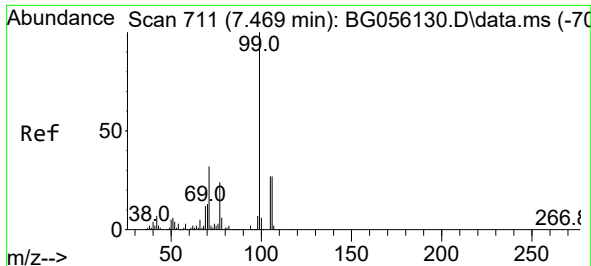
Tgt Ion:152 Resp: 41948
Ion Ratio Lower Upper
152 100
150 152.4 127.9 191.9
115 53.6 44.2 66.2



#5
2-Fluorophenol
Concen: 157.896 ng
RT: 5.838 min Scan# 434
Delta R.T. 0.012 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion:112 Resp: 370957
Ion Ratio Lower Upper
112 100
64 42.3 33.3 49.9
63 24.2 19.0 28.4

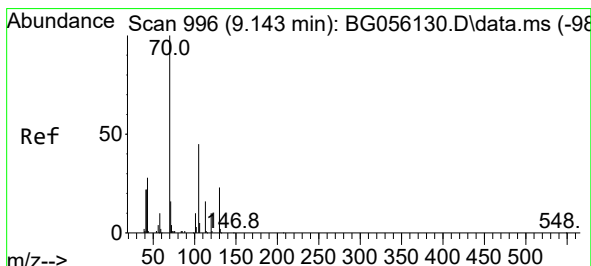
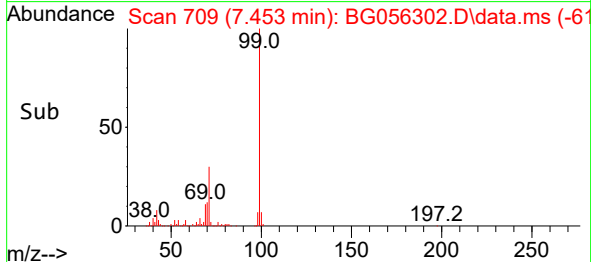
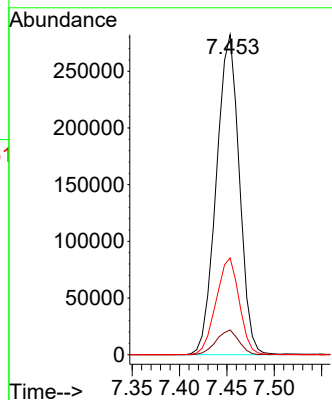
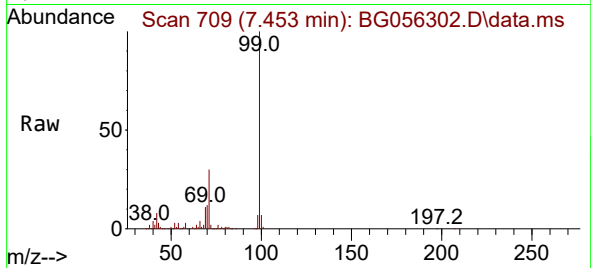




#7
Phenol-d6
Concen: 131.843 ng
RT: 7.453 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

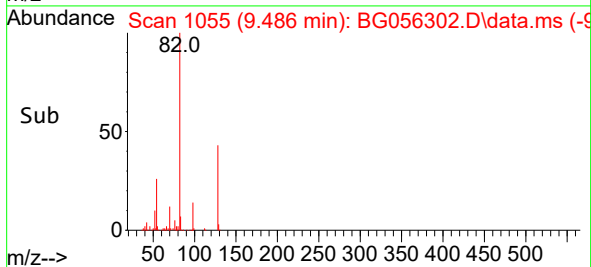
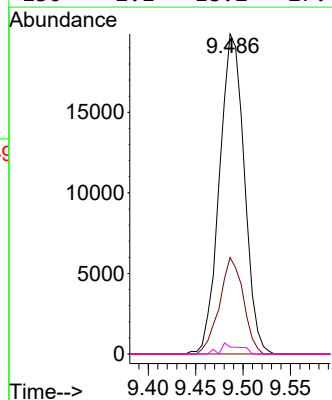
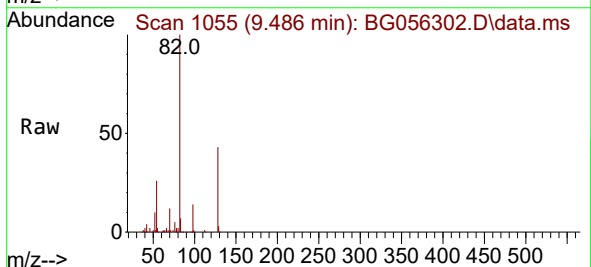
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

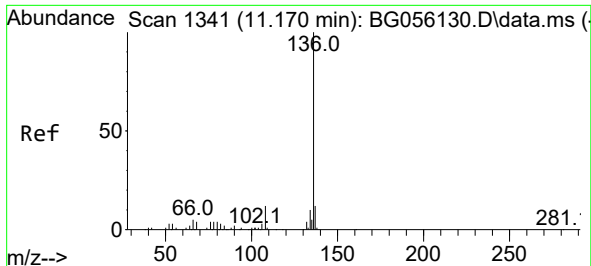
Tgt Ion: 99 Resp: 475686
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 30.2 25.4 38.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.515 ng
RT: 9.486 min Scan# 1055
Delta R.T. 0.370 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion: 70 Resp: 36233
Ion Ratio Lower Upper
70 100
42 30.2 18.2 27.2#
101 0.0 8.3 12.5#
130 2.1 18.2 27.4#

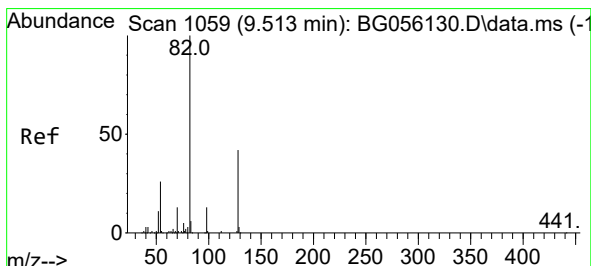
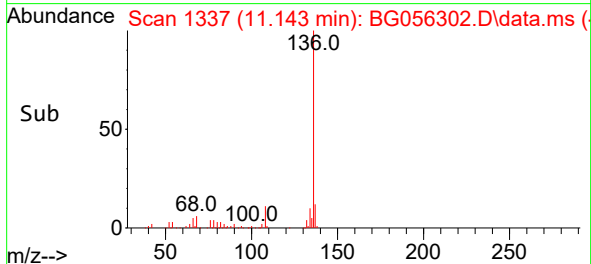
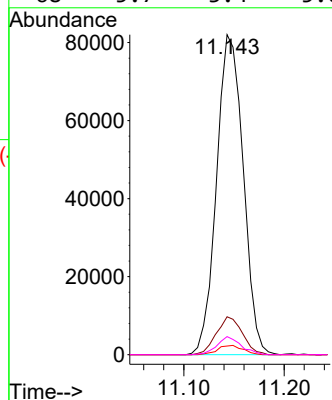
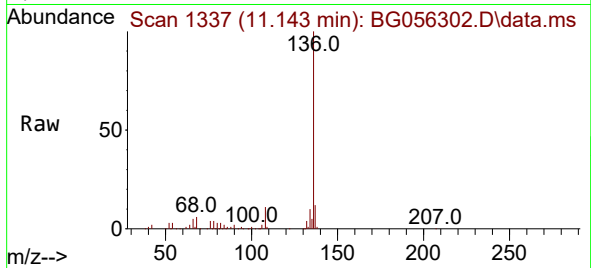




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.143 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

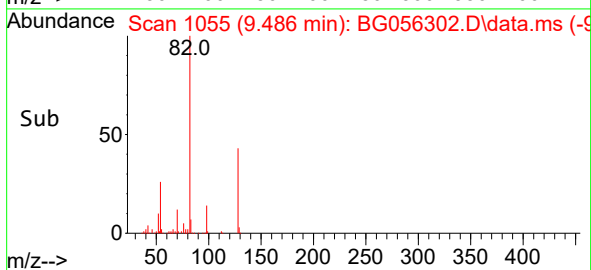
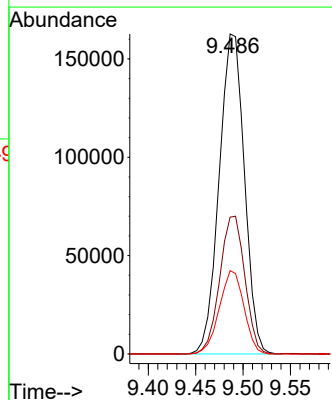
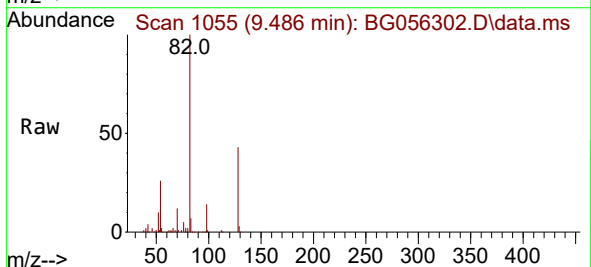
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

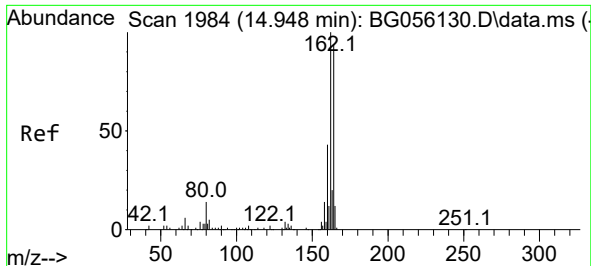
Tgt Ion:136 Resp: 151198
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.7 2.2 3.2
68 5.7 3.4 5.0#



#23
Nitrobenzene-d5
Concen: 102.013 ng
RT: 9.486 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion: 82 Resp: 301539
Ion Ratio Lower Upper
82 100
128 42.8 33.4 50.2
54 26.1 20.3 30.5

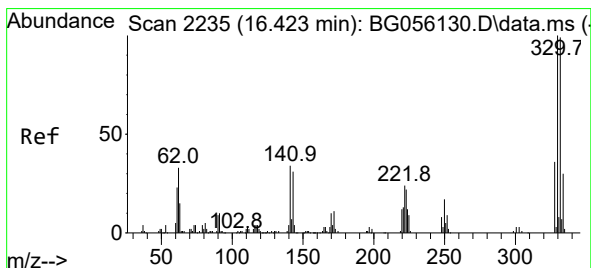
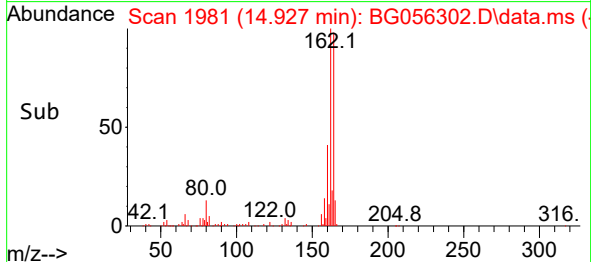
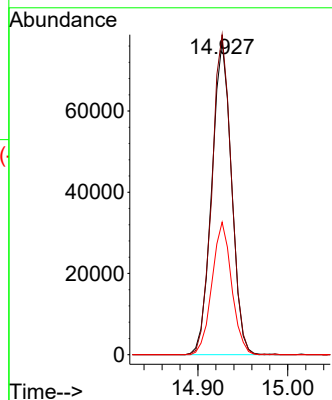
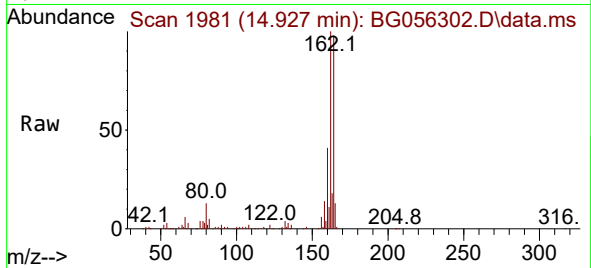




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.000 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

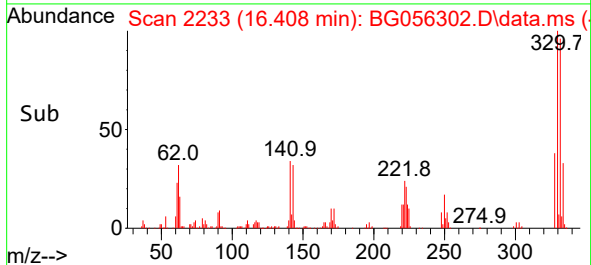
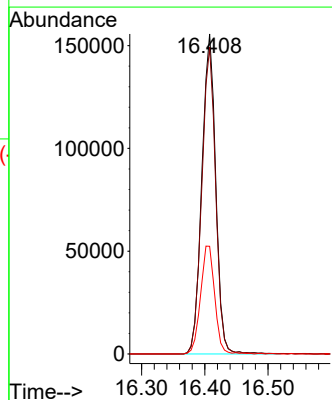
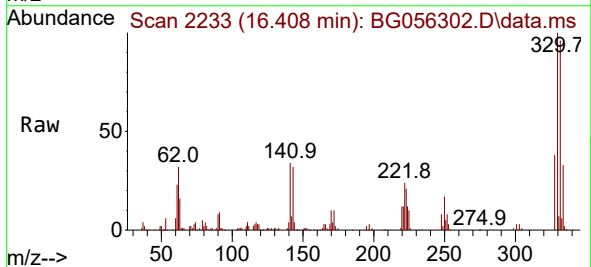
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

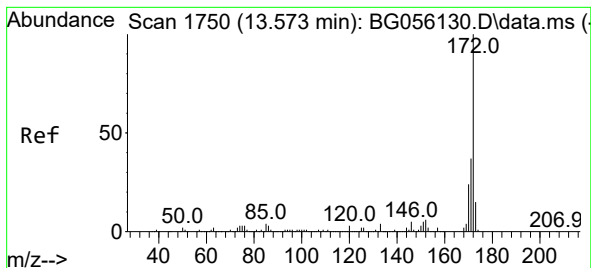
Tgt Ion:164 Resp: 117366
Ion Ratio Lower Upper
164 100
162 102.1 84.7 127.1
160 42.2 36.3 54.5



#42
2,4,6-Tribromophenol
Concen: 159.723 ng
RT: 16.408 min Scan# 2233
Delta R.T. 0.000 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion:330 Resp: 237416
Ion Ratio Lower Upper
330 100
332 95.9 77.3 115.9
141 34.4 27.9 41.9

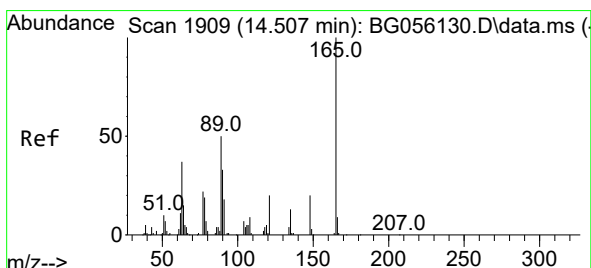
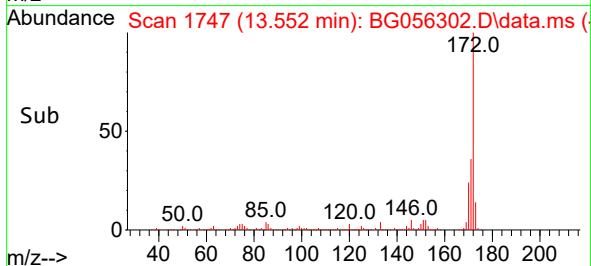
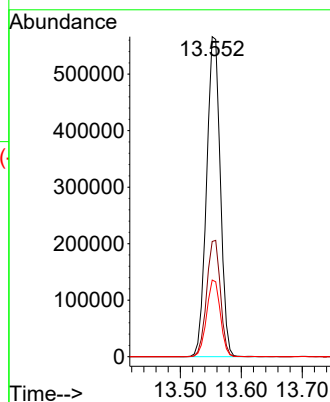
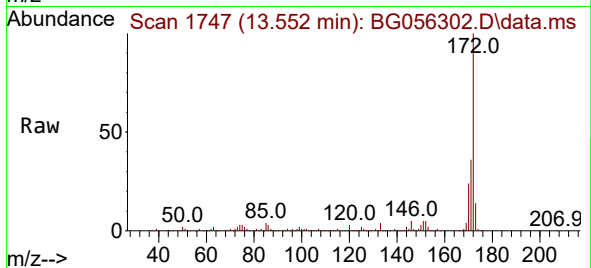




#45
2-Fluorobiphenyl
Concen: 104.311 ng
RT: 13.552 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

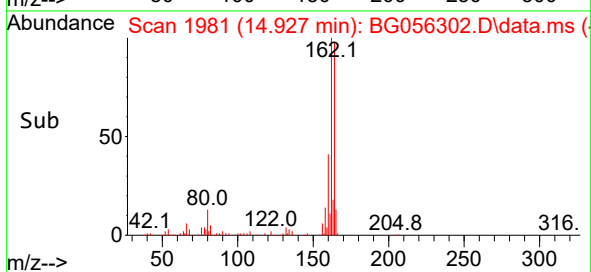
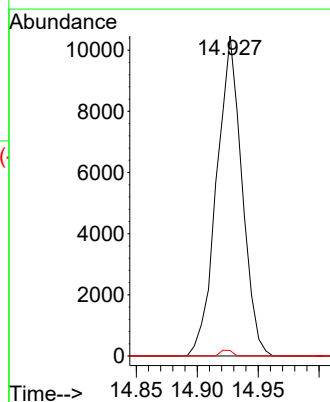
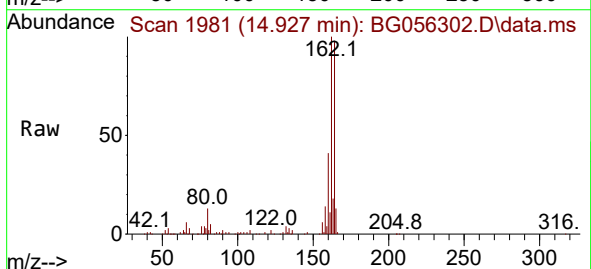
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

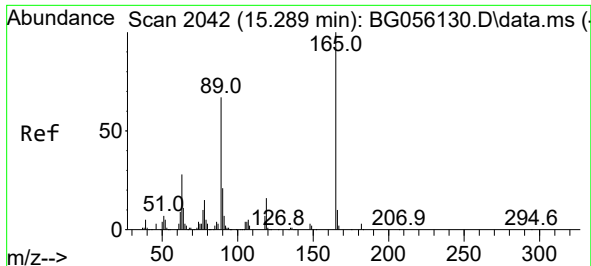
Tgt Ion:172 Resp: 886565
Ion Ratio Lower Upper
172 100
171 36.0 29.6 44.4
170 24.0 19.4 29.2



#51
2,6-Dinitrotoluene
Concen: 7.494 ng
RT: 14.927 min Scan# 1981
Delta R.T. 0.435 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion:165 Resp: 15129
Ion Ratio Lower Upper
165 100
63 0.0 32.2 48.2#
89 1.7 39.8 59.8#





#57

2,4-Dinitrotoluene

Concen: 5.358 ng

RT: 14.927 min Scan# 1981

Delta R.T. -0.346 min

Lab File: BG056302.D

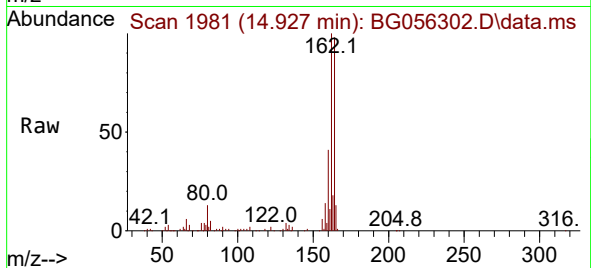
Acq: 16 Jan 2023 18:50

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1



Tgt Ion:165 Resp: 15129

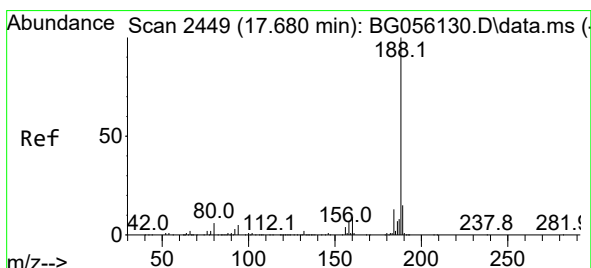
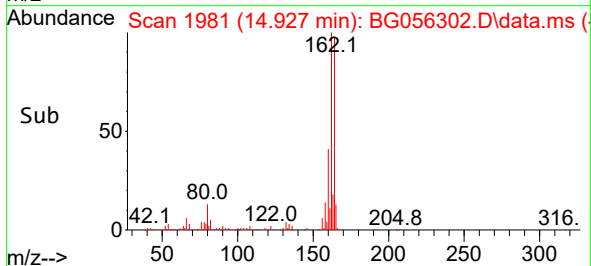
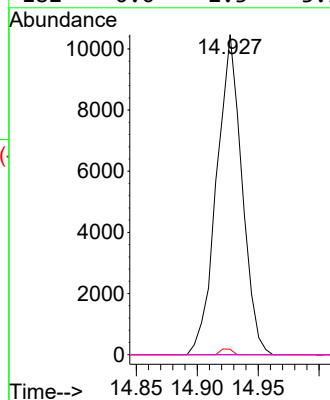
Ion Ratio Lower Upper

165 100

63 0.0 22.6 34.0#

89 1.7 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: BG056302.D

Acq: 16 Jan 2023 18:50

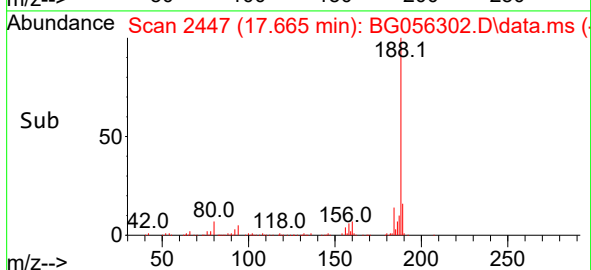
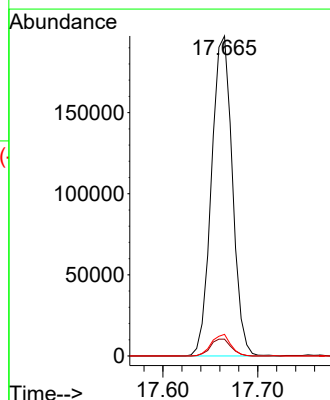
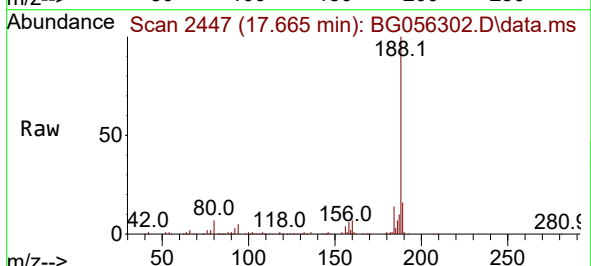
Tgt Ion:188 Resp: 301164

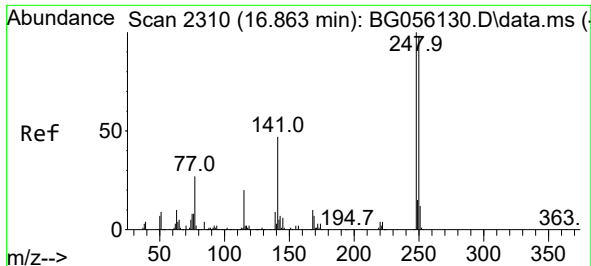
Ion Ratio Lower Upper

188 100

94 5.2 4.2 6.2

80 6.8 5.0 7.4

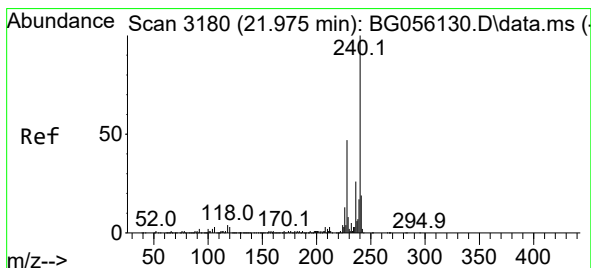
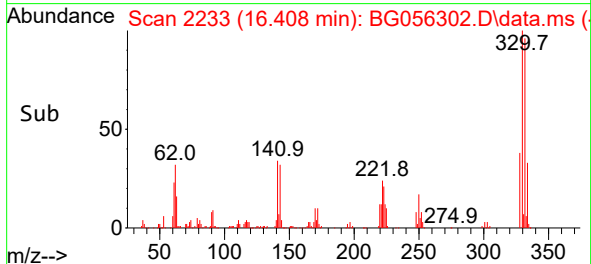
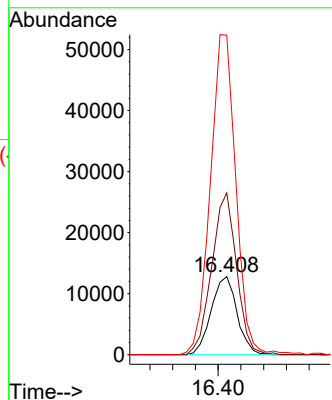
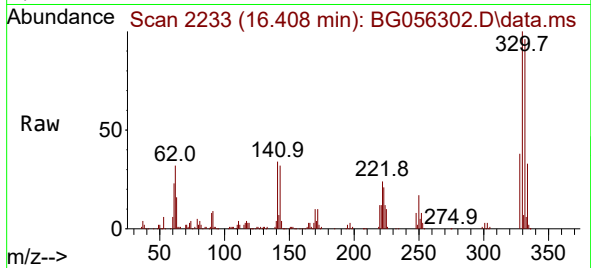




#67
4-Bromophenyl-phenylether
Concen: 5.272 ng
RT: 16.408 min Scan# 21
Delta R.T. -0.440 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

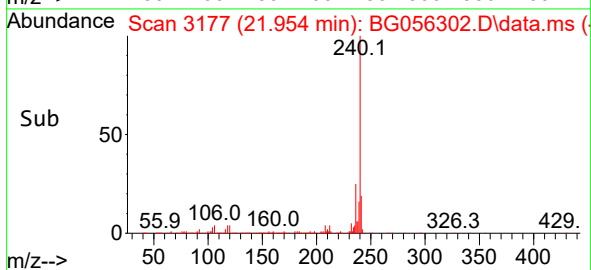
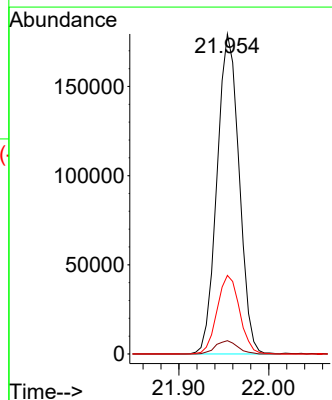
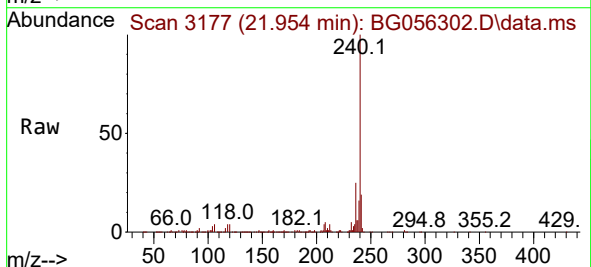
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

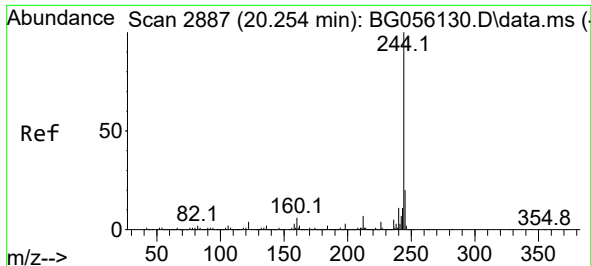
Tgt Ion:248 Resp: 20219
Ion Ratio Lower Upper
248 100
250 160.3 78.2 117.4#
141 316.7 37.6 56.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.954 min Scan# 3177
Delta R.T. -0.006 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion:240 Resp: 306595
Ion Ratio Lower Upper
240 100
120 4.1 2.6 4.0#
236 24.5 20.8 31.2

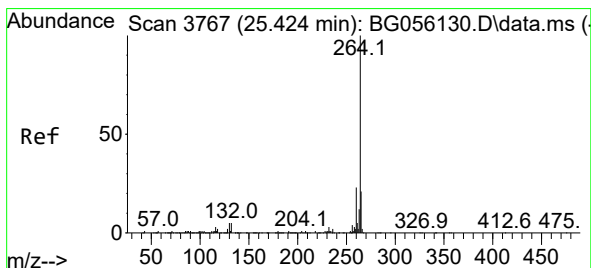
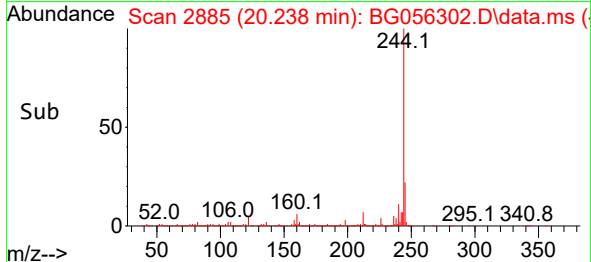
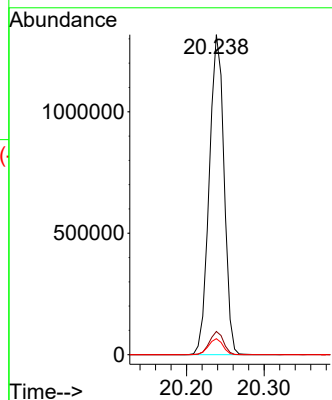
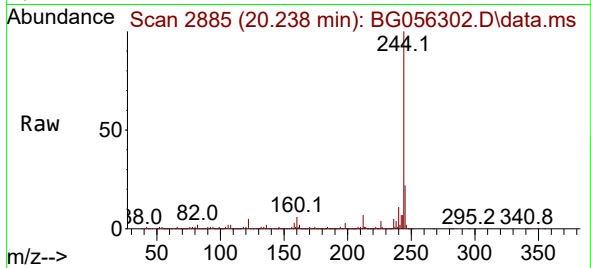




#79
Terphenyl-d14
Concen: 101.854 ng
RT: 20.238 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:244 Resp: 1743546
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: 25.397 min Scan# 3763
Delta R.T. -0.006 min
Lab File: BG056302.D
Acq: 16 Jan 2023 18:50

Tgt Ion:264 Resp: 326893
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 20.5 16.7 25.1

