

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020223\
 Data File : BG056520.D
 Acq On : 2 Feb 2023 18:53
 Operator : CG/JU
 Sample : 01348-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)

Quant Time: Feb 03 05:57:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 01 01:15:52 2023
 Response via : Initial Calibration

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

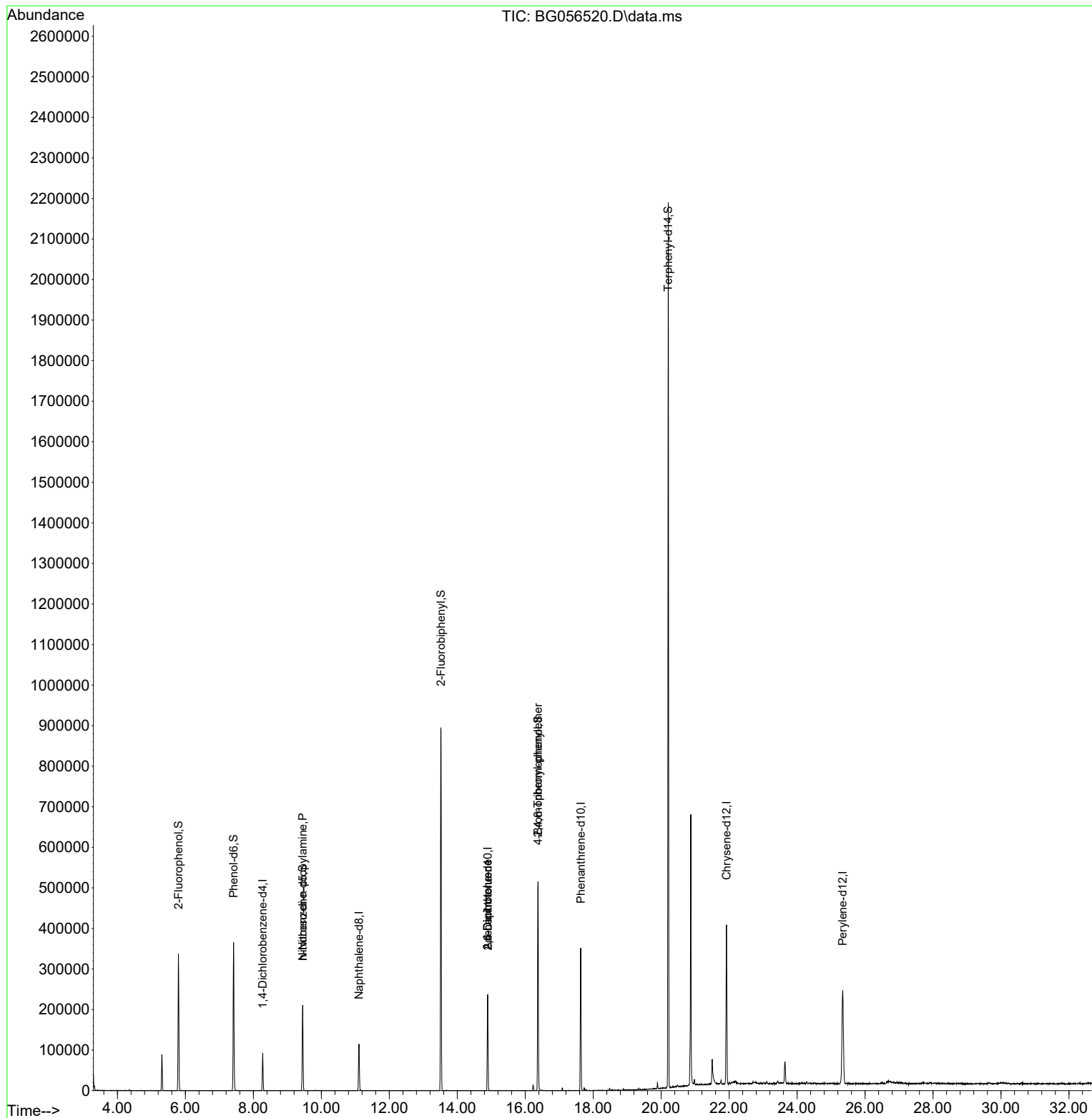
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.276	152	30088	20.000	ng	# 0.00
21) Naphthalene-d8	11.108	136	112030	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	95356	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	261361	20.000	ng	0.00
76) Chrysene-d12	21.924	240	264651	20.000	ng	0.00
86) Perylene-d12	25.344	264	297809	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	196246	119.985	ng	0.00
7) Phenol-d6	7.418	99	282517	116.578	ng	0.00
23) Nitrobenzene-d5	9.451	82	148614	75.328	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	115478	91.092	ng	0.00
45) 2-Fluorobiphenyl	13.522	172	523745	76.150	ng	0.00
79) Terphenyl-d14	20.209	244	1205640	80.013	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.424	77	503	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	9.451	70	18245	13.064	ng	# 73
51) 2,6-Dinitrotoluene	14.897	165	12429	7.388	ng	# 36
57) 2,4-Dinitrotoluene	14.897	165	12429	5.245	ng	# 35
67) 4-Bromophenyl-phenylether	16.372	248	9155	2.736	ng	# 1

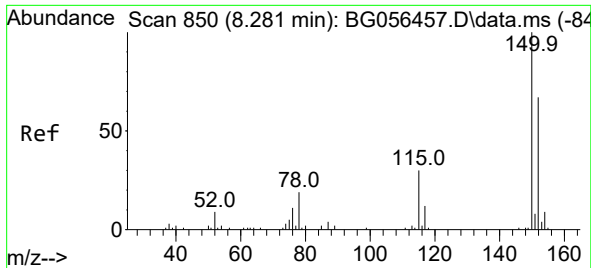
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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E-H5(31.5-33.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 01 01:15:52 2023
Response via : Initial Calibration

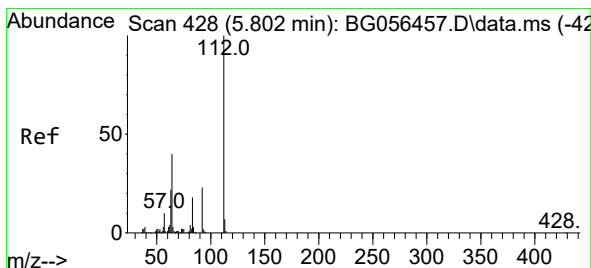
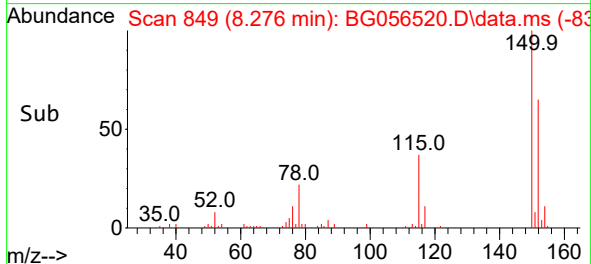
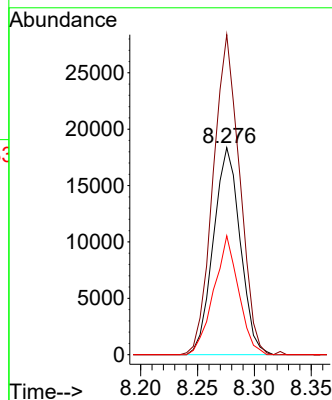
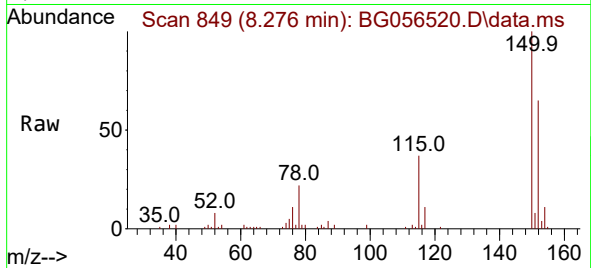




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.276 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

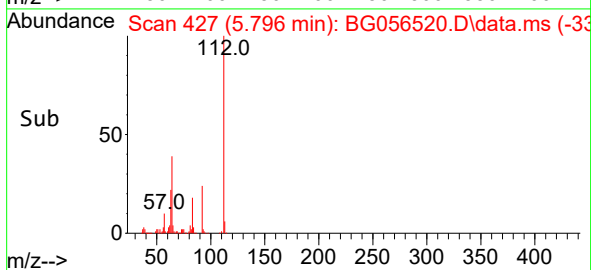
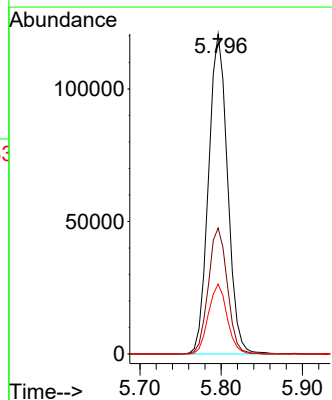
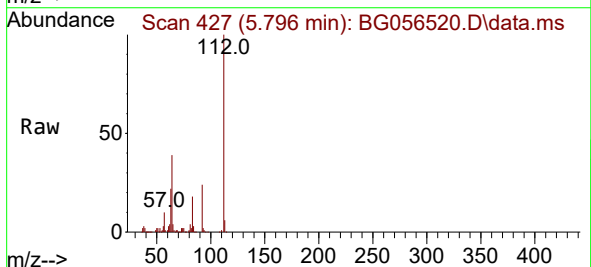
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)

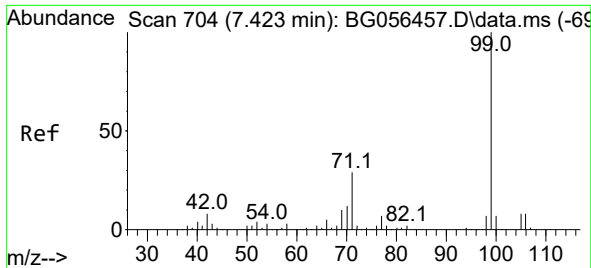
Tgt Ion:152 Resp: 30088
Ion Ratio Lower Upper
152 100
150 154.6 120.2 180.4
115 57.4 36.3 54.5#



#5
2-Fluorophenol
Concen: 119.985 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.000 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

Tgt Ion:112 Resp: 196246
Ion Ratio Lower Upper
112 100
64 39.3 31.9 47.9
63 21.8 17.4 26.0

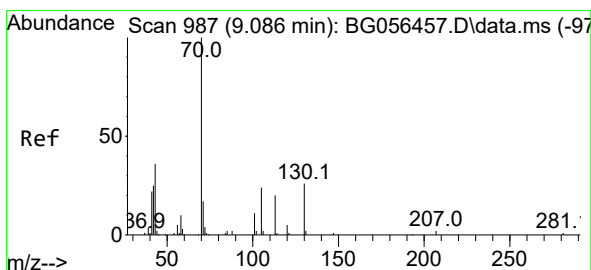
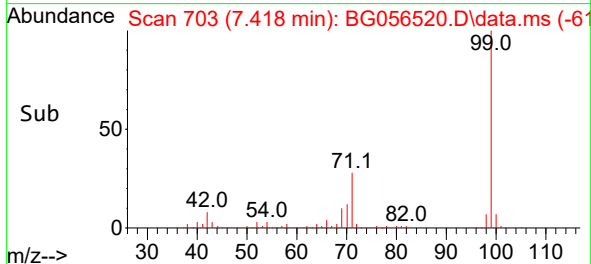
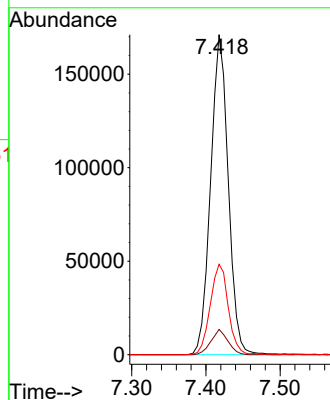
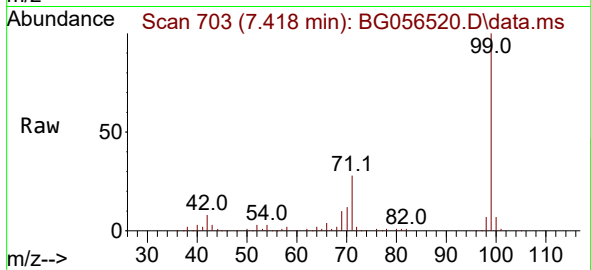




#7
Phenol-d6
Concen: 116.578 ng
RT: 7.418 min Scan# 70
Delta R.T. 0.000 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

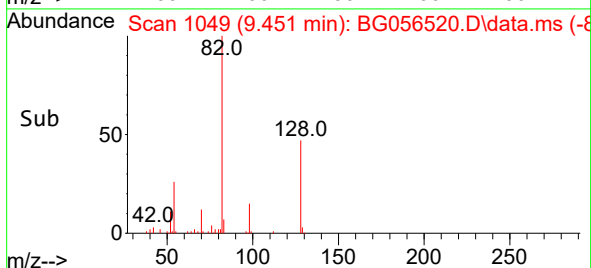
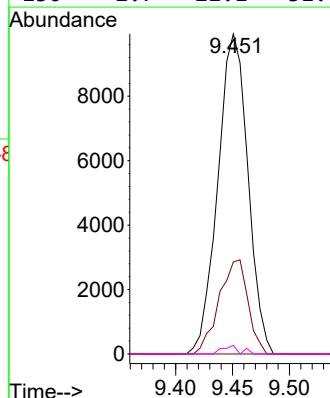
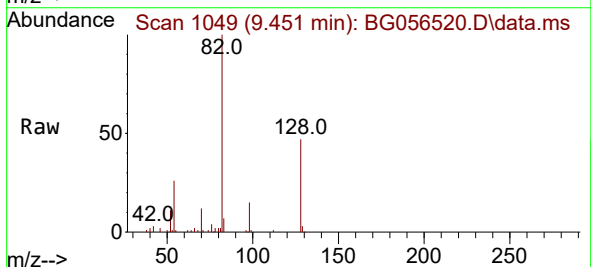
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)

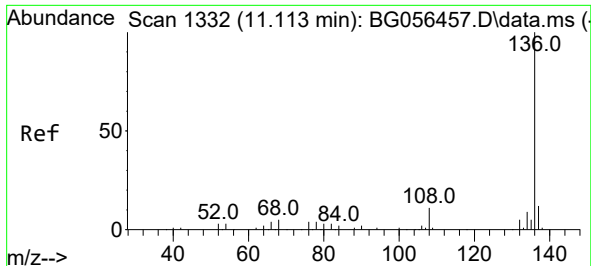
Tgt Ion: 99 Resp: 282517
Ion Ratio Lower Upper
99 100
42 7.9 6.6 10.0
71 28.2 23.4 35.0



#19
n-Nitroso-di-n-propylamine
Concen: 13.064 ng
RT: 9.451 min Scan# 1049
Delta R.T. 0.370 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

Tgt Ion: 70 Resp: 18245
Ion Ratio Lower Upper
70 100
42 28.7 20.2 30.4
101 0.0 9.1 13.7#
130 2.7 21.1 31.7#

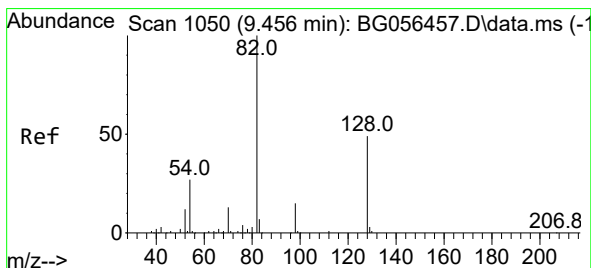
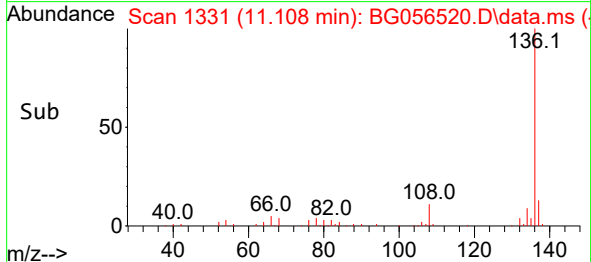
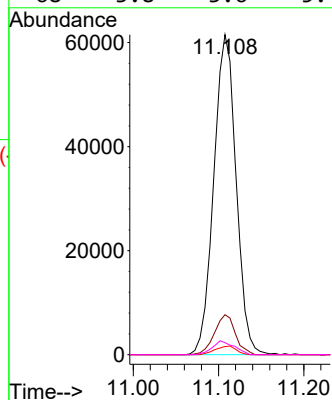
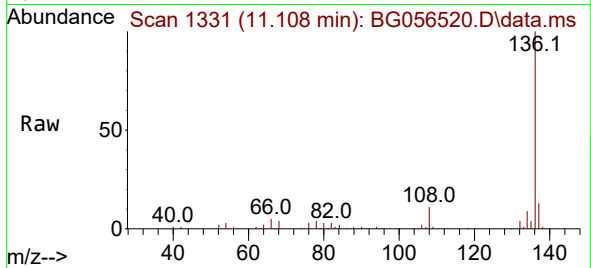




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

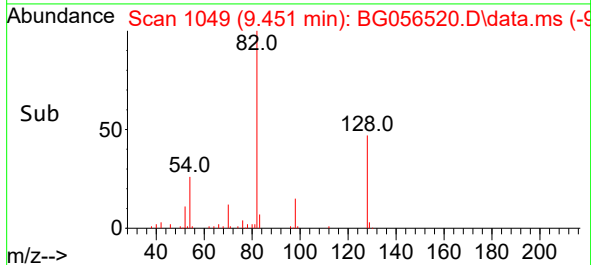
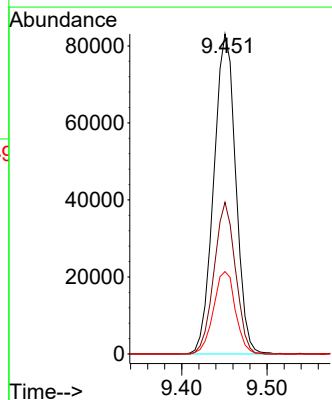
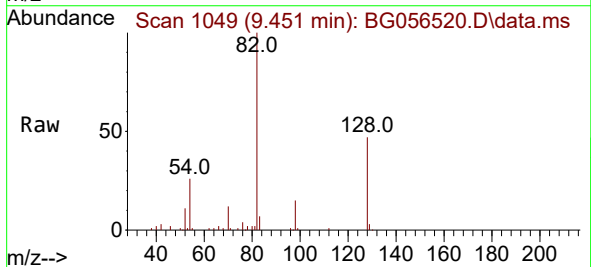
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)

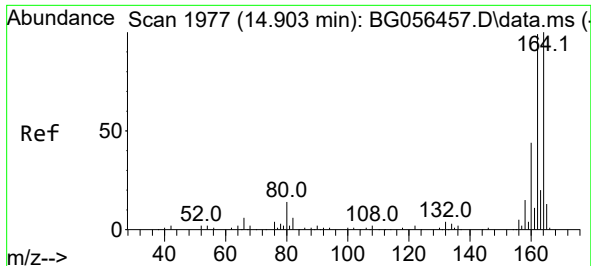
Tgt Ion:136 Resp: 112030
Ion Ratio Lower Upper
136 100
137 12.5 9.4 14.0
54 2.6 2.2 3.4
68 3.8 3.6 5.4



#23
Nitrobenzene-d5
Concen: 75.328 ng
RT: 9.451 min Scan# 1049
Delta R.T. -0.006 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

Tgt Ion: 82 Resp: 148614
Ion Ratio Lower Upper
82 100
128 47.4 39.4 59.2
54 25.7 21.4 32.2

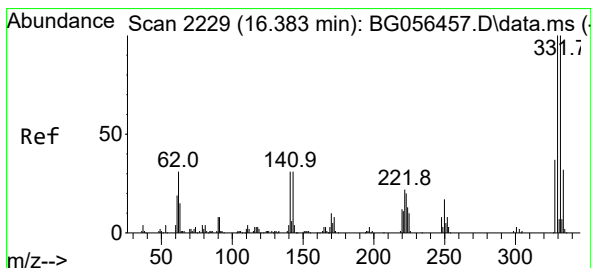
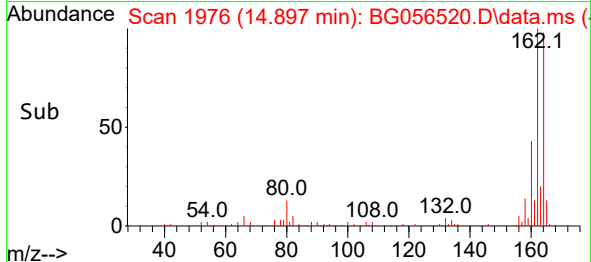
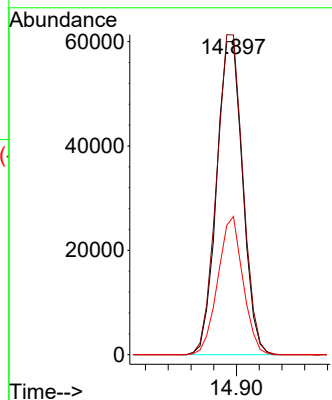
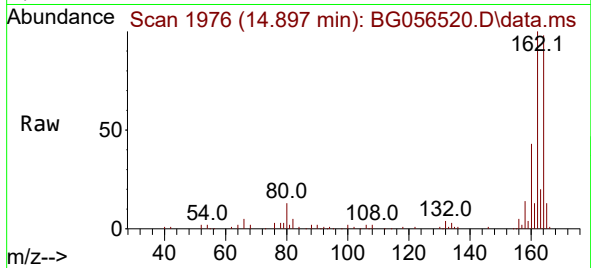




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

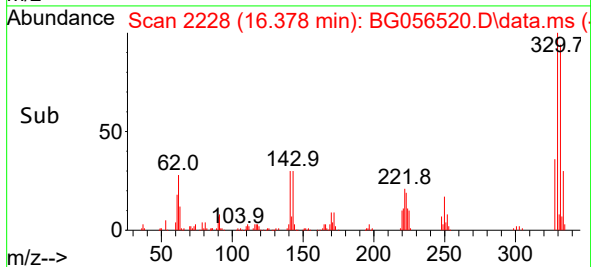
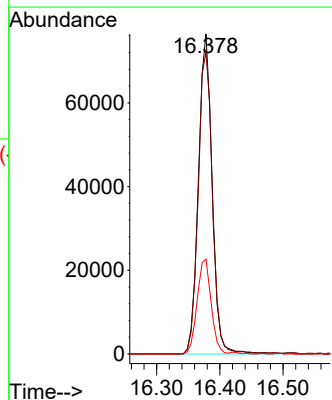
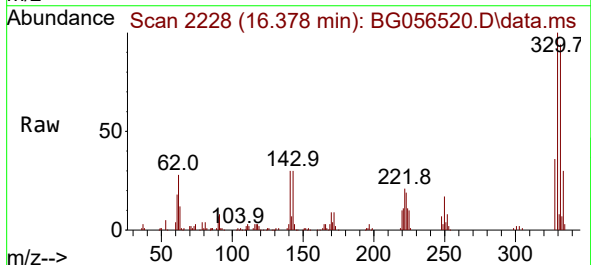
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)

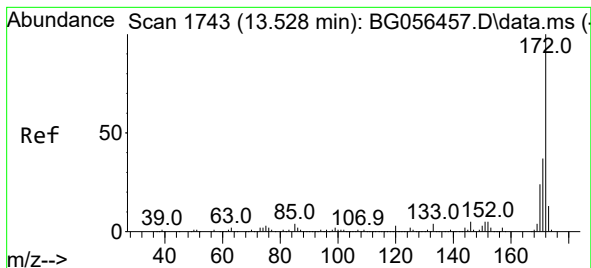
Tgt Ion:164 Resp: 95356
Ion Ratio Lower Upper
164 100
162 102.1 79.6 119.4
160 44.1 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 91.092 ng
RT: 16.378 min Scan# 2228
Delta R.T. 0.000 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

Tgt Ion:330 Resp: 115478
Ion Ratio Lower Upper
330 100
332 97.0 79.0 118.6
141 30.1 24.2 36.4





#45

2-Fluorobiphenyl

Concen: 76.150 ng

RT: 13.522 min Scan# 1

Delta R.T. 0.000 min

Lab File: BG056520.D

Acq: 2 Feb 2023 18:53

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)

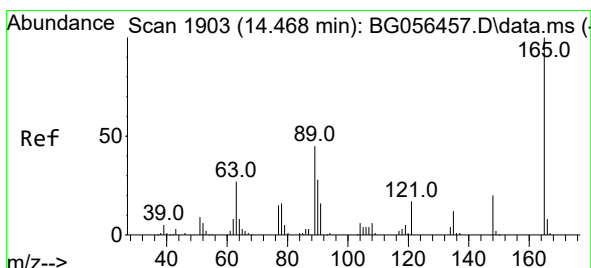
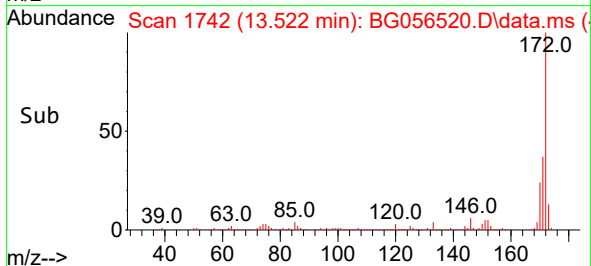
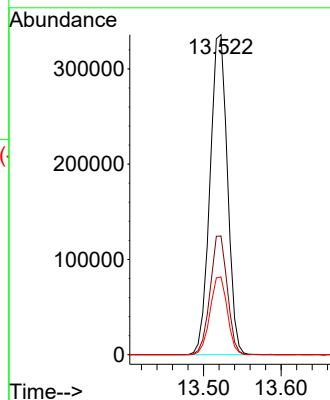
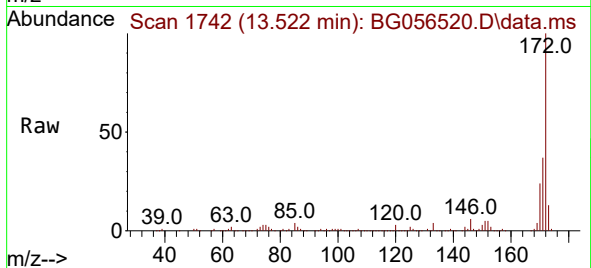
Tgt Ion:172 Resp: 523745

Ion Ratio Lower Upper

172 100

171 37.1 29.5 44.3

170 24.3 19.2 28.8



#51

2,6-Dinitrotoluene

Concen: 7.388 ng

RT: 14.897 min Scan# 1976

Delta R.T. 0.429 min

Lab File: BG056520.D

Acq: 2 Feb 2023 18:53

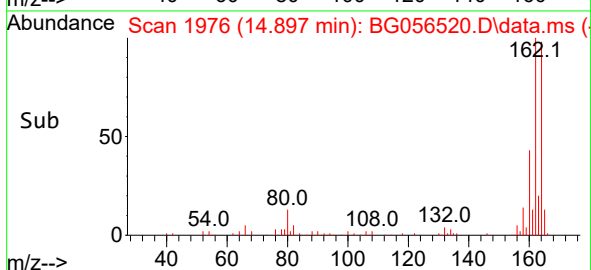
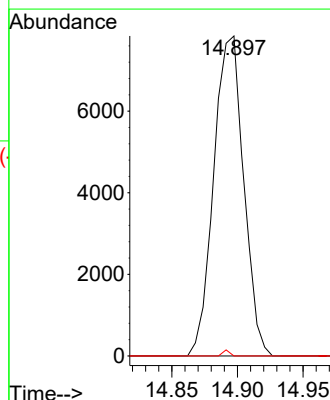
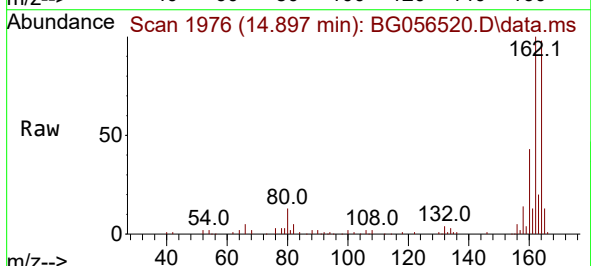
Tgt Ion:165 Resp: 12429

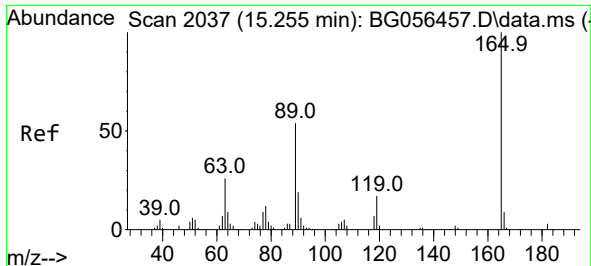
Ion Ratio Lower Upper

165 100

63 0.0 26.9 40.3#

89 0.0 35.6 53.4#





#57

2,4-Dinitrotoluene

Concen: 5.245 ng

RT: 14.897 min Scan# 1976

Delta R.T. -0.352 min

Lab File: BG056520.D

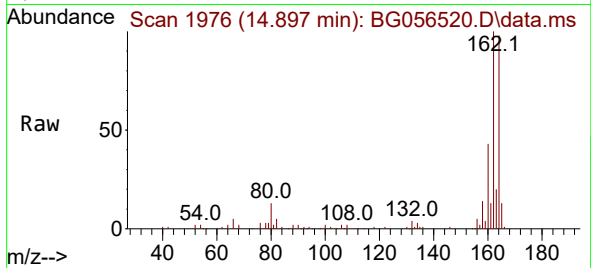
Acq: 2 Feb 2023 18:53

Instrument :

BNA_G

ClientSampleId :

E-H5(31.5-33.5)



Tgt Ion:165 Resp: 12429

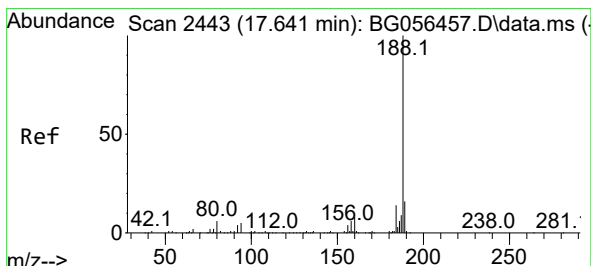
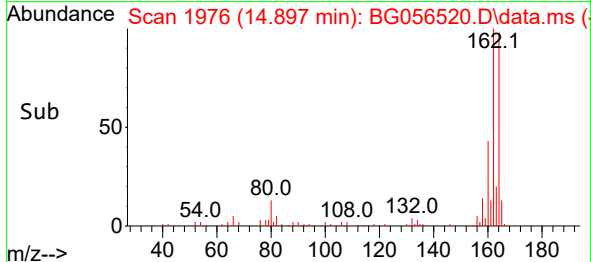
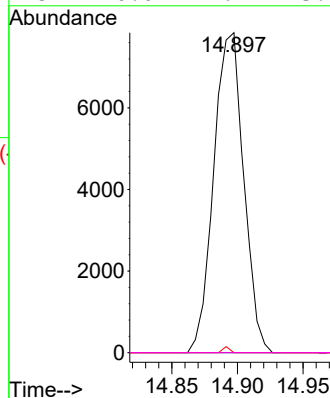
Ion Ratio Lower Upper

165 100

63 0.0 20.6 31.0#

89 0.0 43.1 64.7#

182 0.0 2.4 3.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.635 min Scan# 2442

Delta R.T. 0.000 min

Lab File: BG056520.D

Acq: 2 Feb 2023 18:53

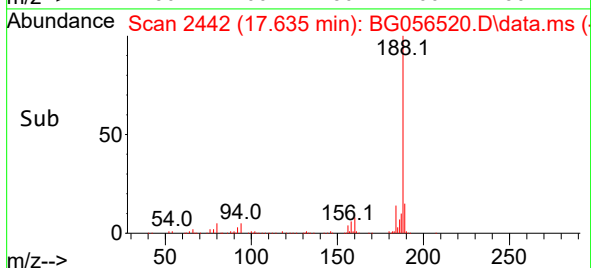
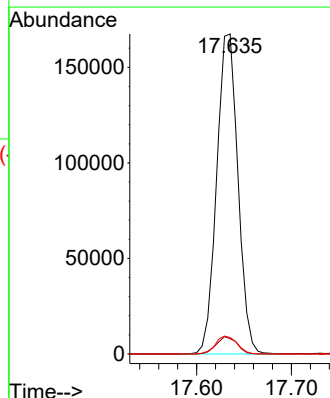
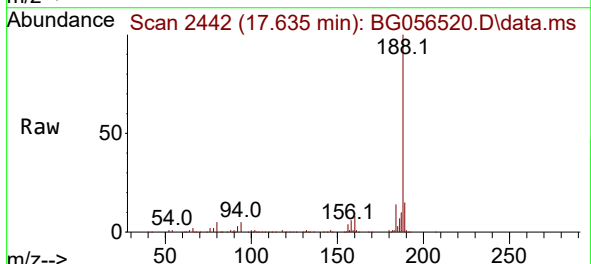
Tgt Ion:188 Resp: 261361

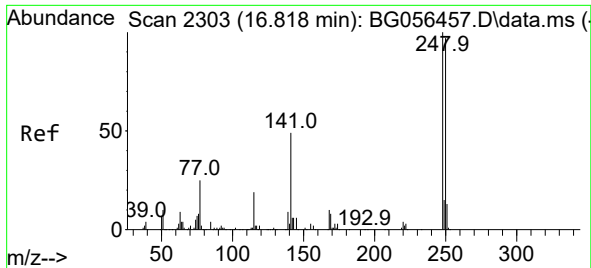
Ion Ratio Lower Upper

188 100

94 4.7 4.1 6.1

80 5.2 5.0 7.4

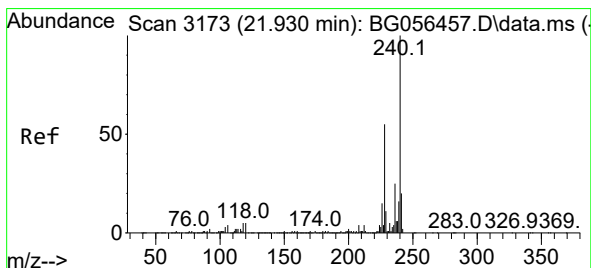
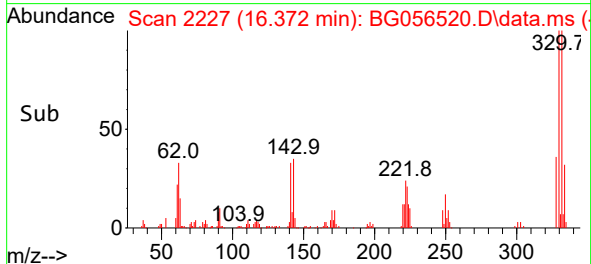
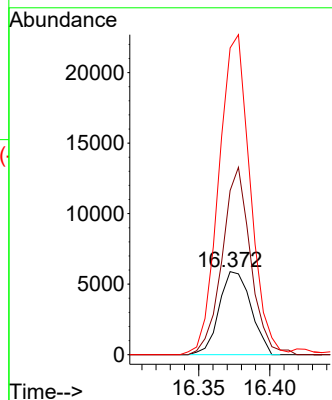
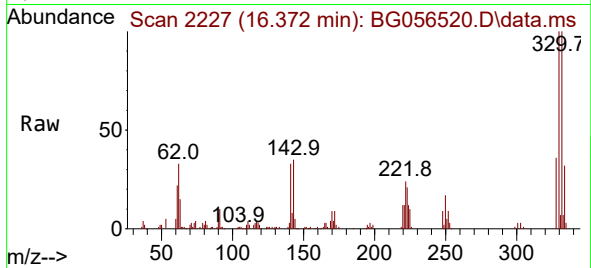




#67
4-Bromophenyl-phenylether
Concen: 2.736 ng
RT: 16.372 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

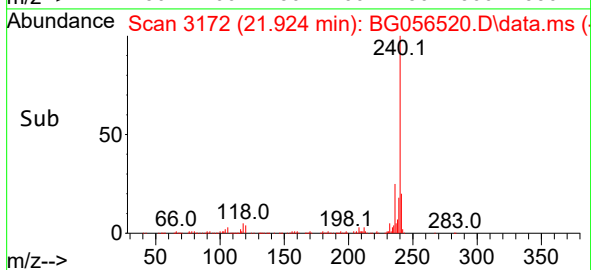
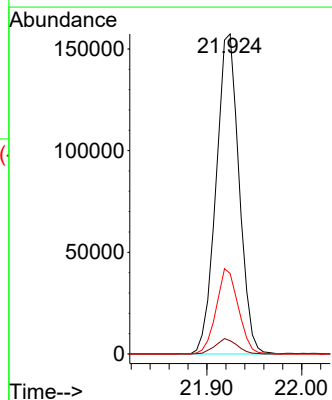
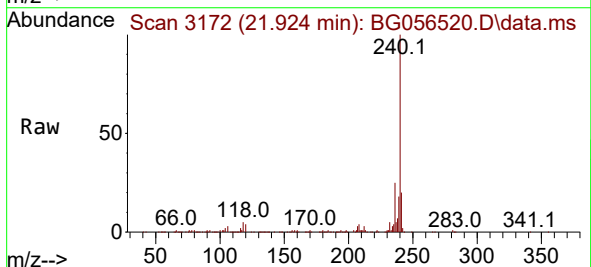
Instrument :
BNA_G
ClientSampleId :
E-H5(31.5-33.5)

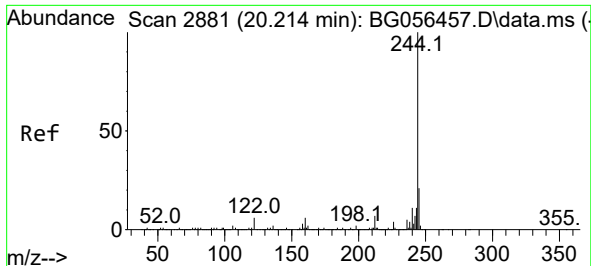
Tgt Ion:248 Resp: 9155
Ion Ratio Lower Upper
248 100
250 197.8 77.6 116.4#
141 369.5 39.0 58.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.924 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG056520.D
Acq: 2 Feb 2023 18:53

Tgt Ion:240 Resp: 264651
Ion Ratio Lower Upper
240 100
120 4.1 3.8 5.8
236 25.1 20.2 30.2

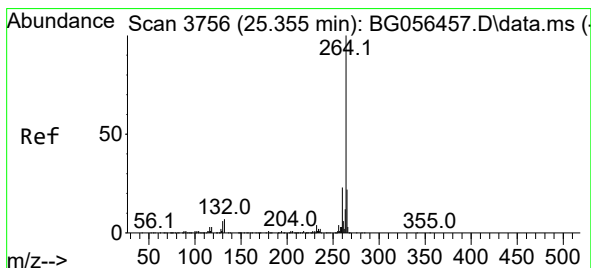
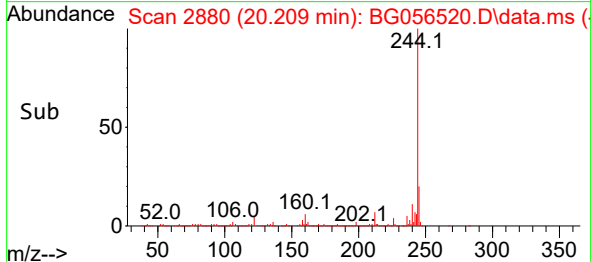
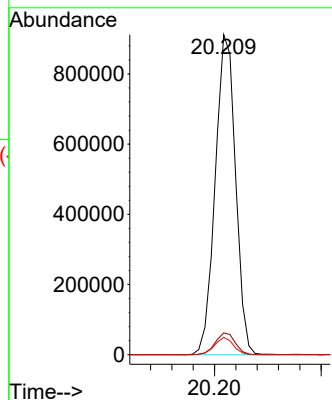
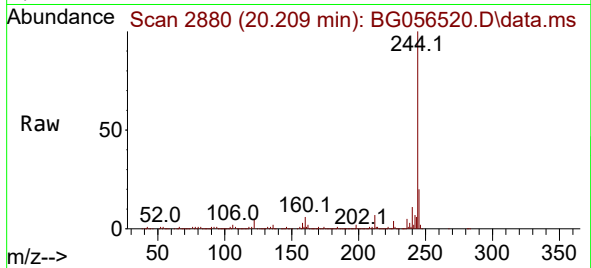




#79
 Terphenyl-d14
 Concen: 80.013 ng
 RT: 20.209 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BG056520.D
 Acq: 2 Feb 2023 18:53

Instrument :
 BNA_G
 ClientSampleId :
 E-H5(31.5-33.5)

Tgt Ion:244 Resp: 1205640
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 5.4 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.344 min Scan# 3754
 Delta R.T. 0.000 min
 Lab File: BG056520.D
 Acq: 2 Feb 2023 18:53

Tgt Ion:264 Resp: 297809
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.4
 265 20.8 18.1 27.1

