

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055874.D
 Acq On : 2 Dec 2022 15:03
 Operator : CG/JU
 Sample : N5844-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-17

Quant Time: Dec 03 04:29:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 02 04:07:17 2022
 Response via : Initial Calibration

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

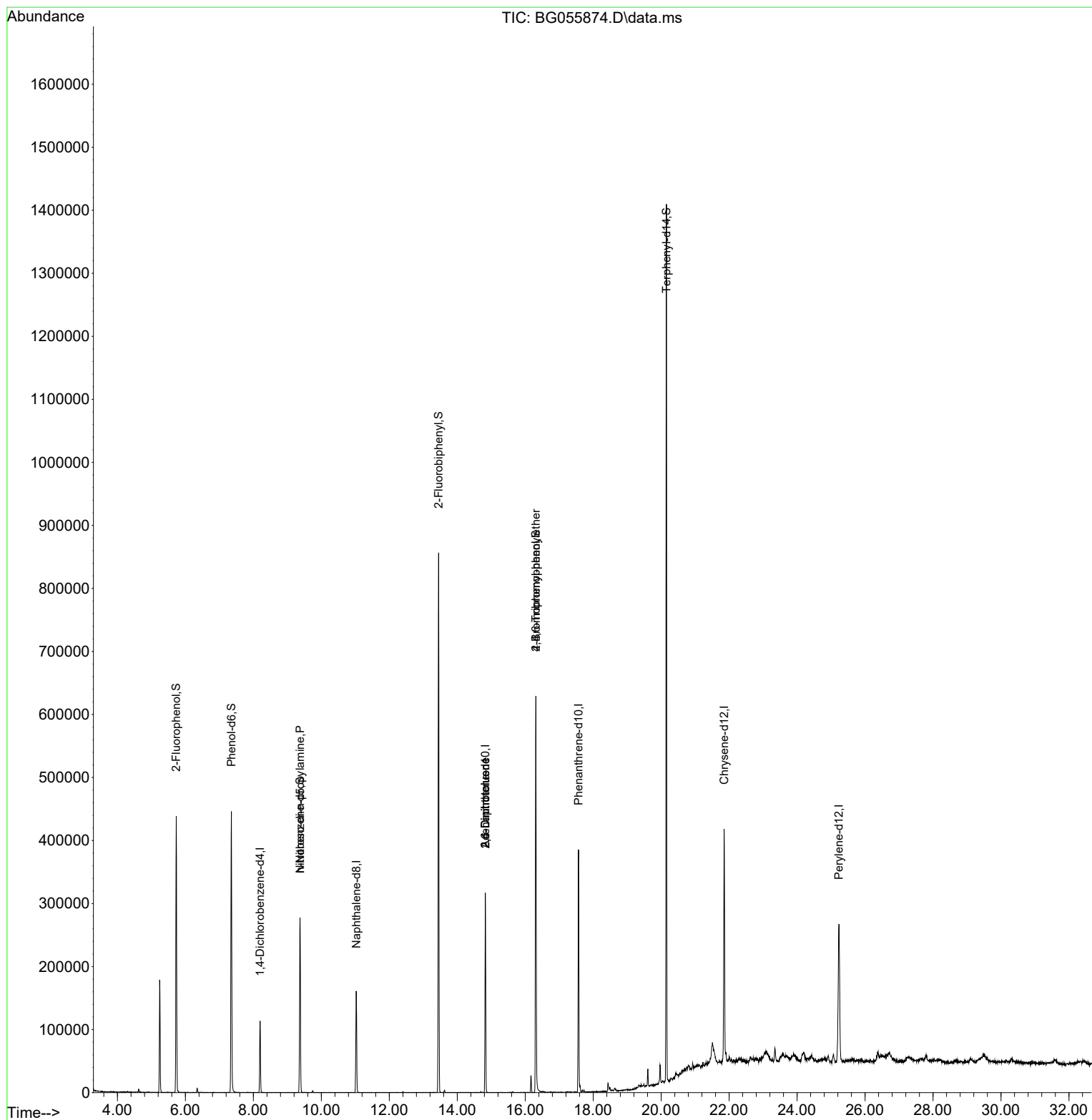
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.200	152	32085	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	143737	20.000	ng	# 0.00
39) Acenaphthene-d10	14.827	164	111854	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	254580	20.000	ng	0.00
76) Chrysene-d12	21.854	240	235342	20.000	ng	-0.01
86) Perylene-d12	25.233	264	249820	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.732	112	186801	105.235	ng	0.00
7) Phenol-d6	7.354	99	252431	106.830	ng	0.00
23) Nitrobenzene-d5	9.375	82	163000	59.938	ng	-0.01
42) 2,4,6-Tribromophenol	16.314	330	141749	89.997	ng	-0.01
45) 2-Fluorobiphenyl	13.452	172	438952	58.791	ng	0.00
79) Terphenyl-d14	20.156	244	696129	59.163	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.375	70	21411	11.793	ng	# 78
51) 2,6-Dinitrotoluene	14.827	165	14501	7.954	ng	# 24
57) 2,4-Dinitrotoluene	14.827	165	14501	5.641	ng	# 22
67) 4-Bromophenyl-phenylether	16.314	248	9200	3.172	ng	# 1

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

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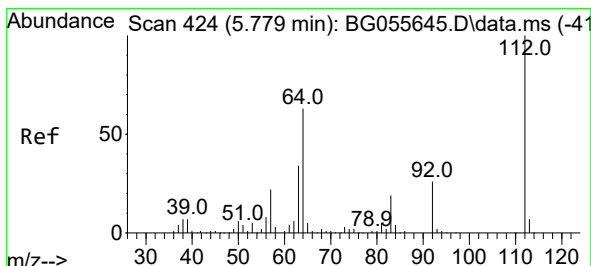
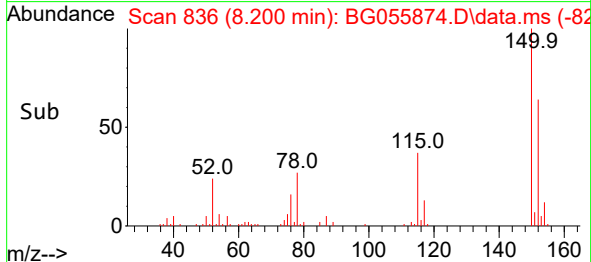
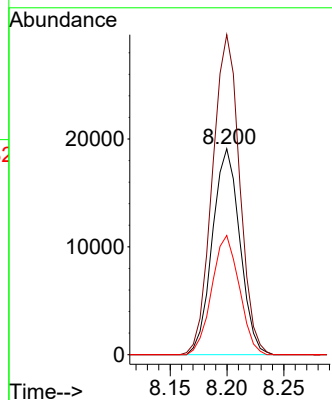
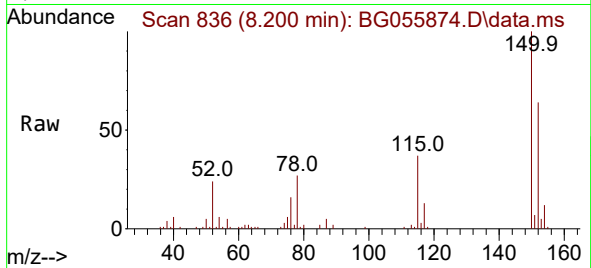




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.200 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

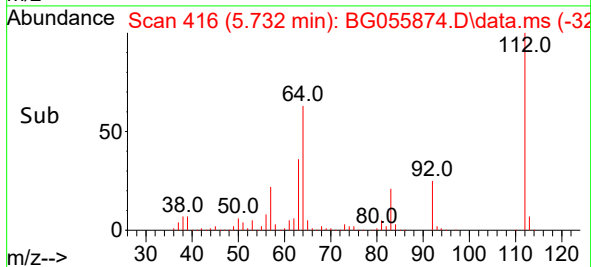
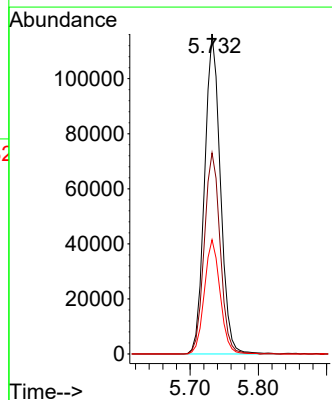
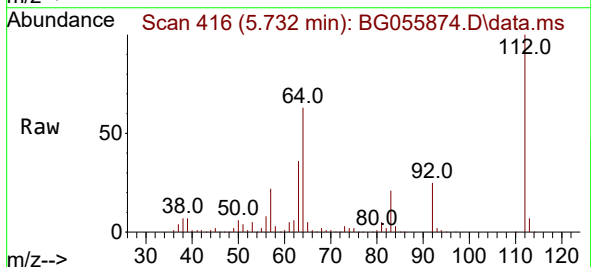
Instrument :
BNA_G
ClientSampleId :
MH-17

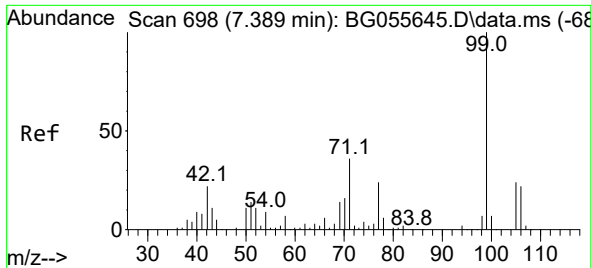
Tgt Ion:152 Resp: 32085
Ion Ratio Lower Upper
152 100
150 155.4 123.0 184.6
115 57.9 47.0 70.4



#5
2-Fluorophenol
Concen: 105.235 ng
RT: 5.732 min Scan# 416
Delta R.T. -0.006 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

Tgt Ion:112 Resp: 186801
Ion Ratio Lower Upper
112 100
64 62.8 50.6 76.0
63 35.7 27.5 41.3

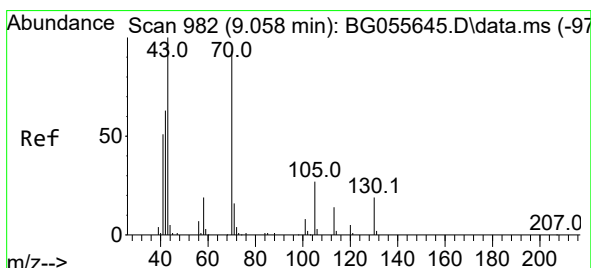
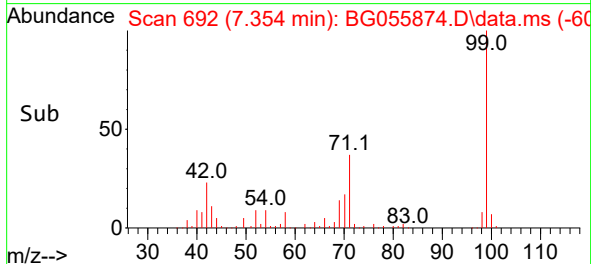
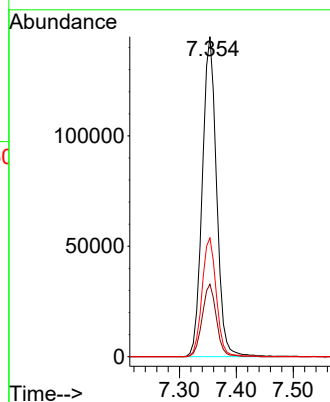
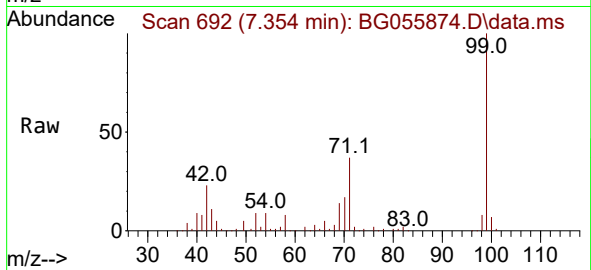




#7
Phenol-d6
Concen: 106.830 ng
RT: 7.354 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

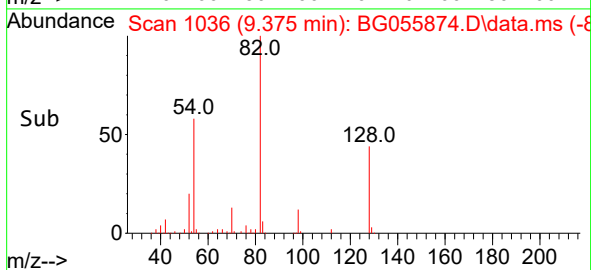
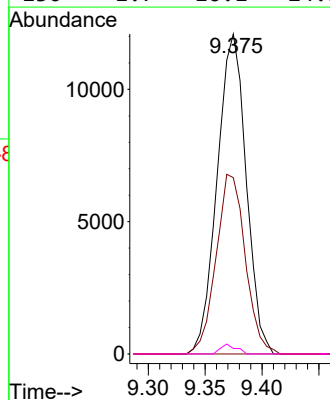
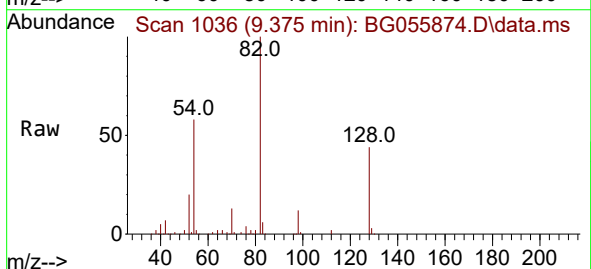
Instrument :
BNA_G
ClientSampleId :
MH-17

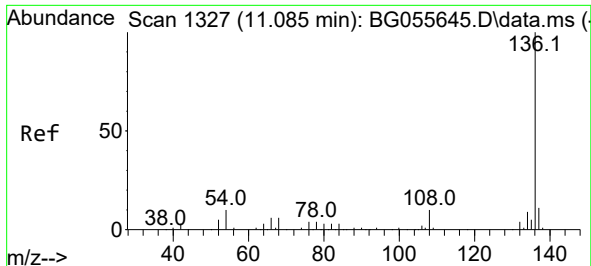
Tgt Ion: 99 Resp: 252431
Ion Ratio Lower Upper
99 100
42 22.6 18.0 27.0
71 37.1 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 11.793 ng
RT: 9.375 min Scan# 1036
Delta R.T. 0.364 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

Tgt Ion: 70 Resp: 21411
Ion Ratio Lower Upper
70 100
42 55.1 55.2 82.8#
101 0.0 7.1 10.7#
130 1.7 16.1 24.1#

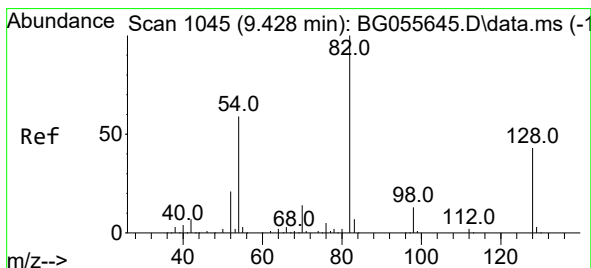
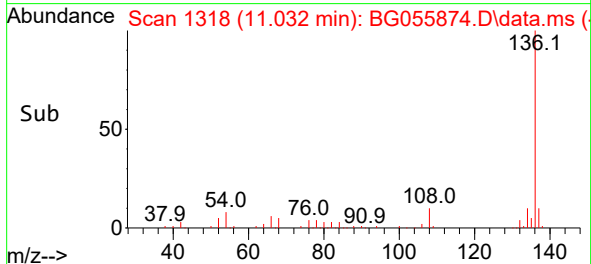
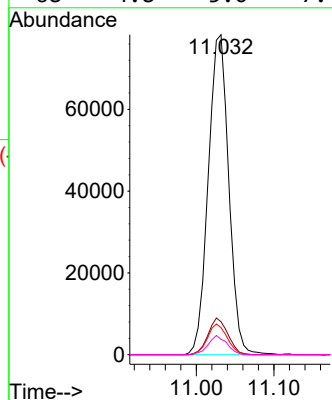
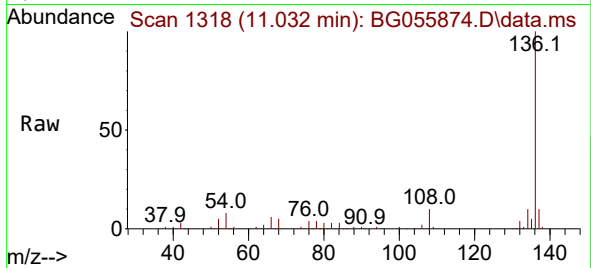




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.032 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

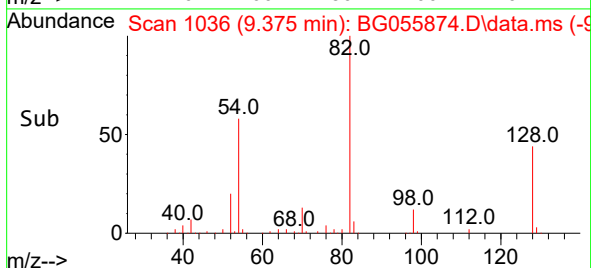
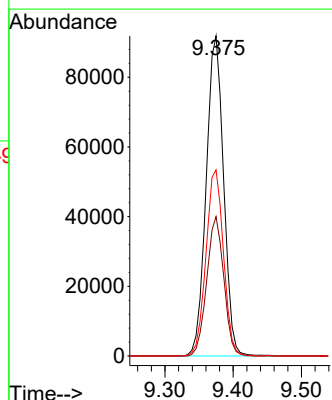
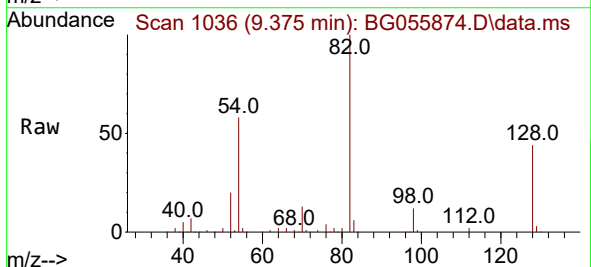
Instrument :
BNA_G
ClientSampleId :
MH-17

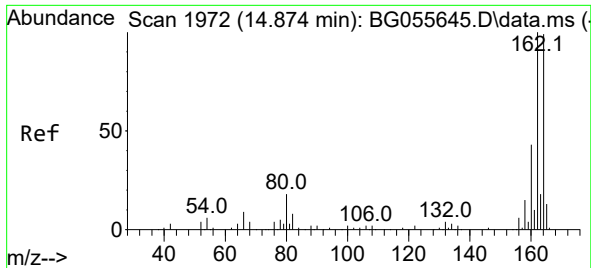
Tgt Ion:136 Resp: 143737
Ion Ratio Lower Upper
136 100
137 10.3 9.0 13.6
54 8.4 7.8 11.6
68 4.8 5.0 7.4#



#23
Nitrobenzene-d5
Concen: 59.938 ng
RT: 9.375 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

Tgt Ion: 82 Resp: 163000
Ion Ratio Lower Upper
82 100
128 43.6 34.1 51.1
54 58.1 47.3 70.9

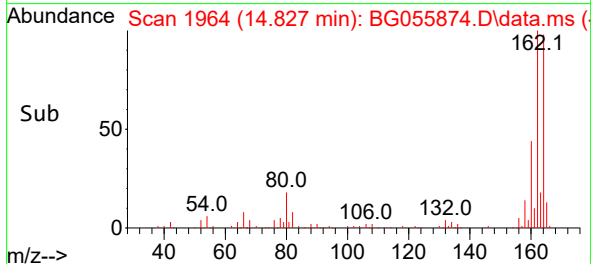
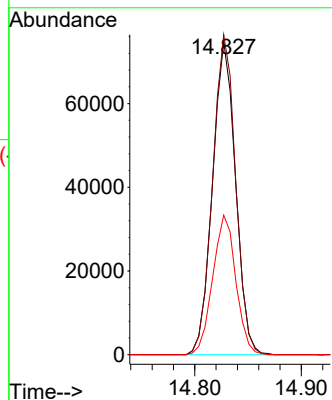
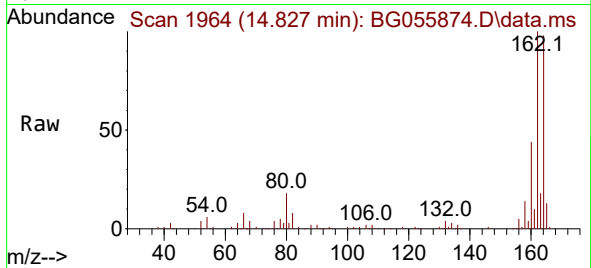




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

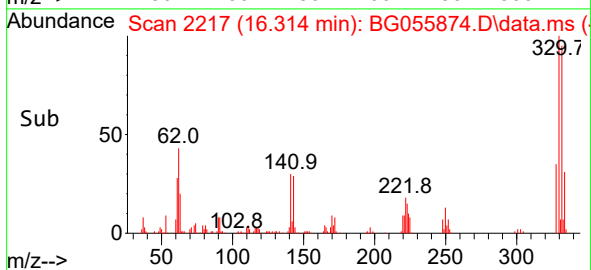
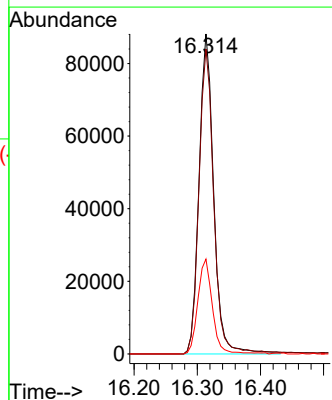
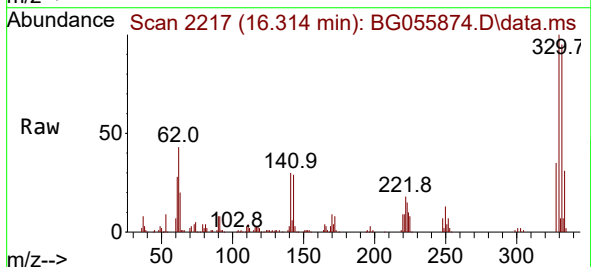
Instrument :
BNA_G
ClientSampleId :
MH-17

Tgt Ion:164 Resp: 111854
Ion Ratio Lower Upper
164 100
162 102.2 81.1 121.7
160 44.6 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 89.997 ng
RT: 16.314 min Scan# 2217
Delta R.T. -0.012 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

Tgt Ion:330 Resp: 141749
Ion Ratio Lower Upper
330 100
332 97.1 77.8 116.8
141 29.2 23.9 35.9

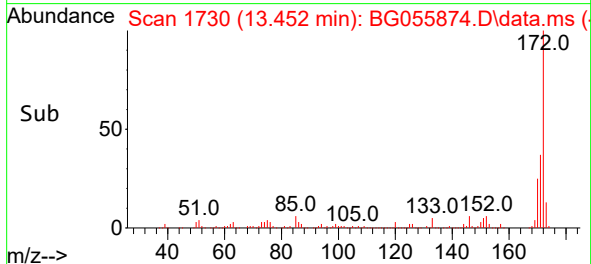
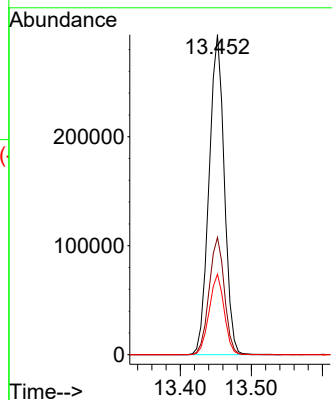
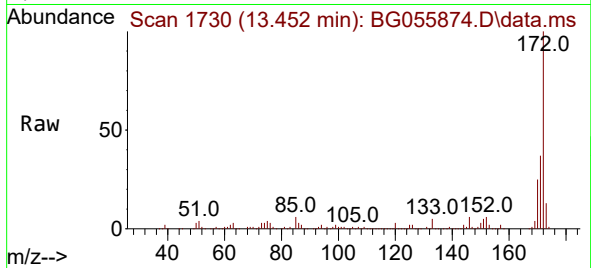




#45
2-Fluorobiphenyl
Concen: 58.791 ng
RT: 13.452 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

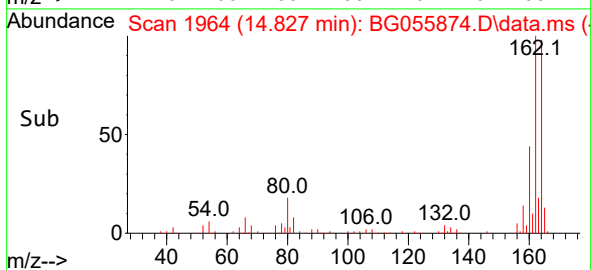
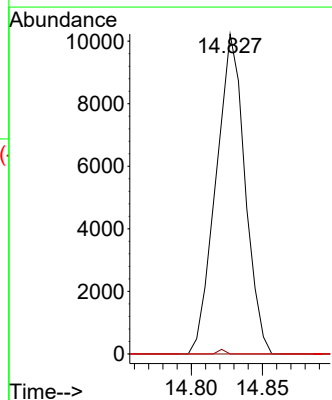
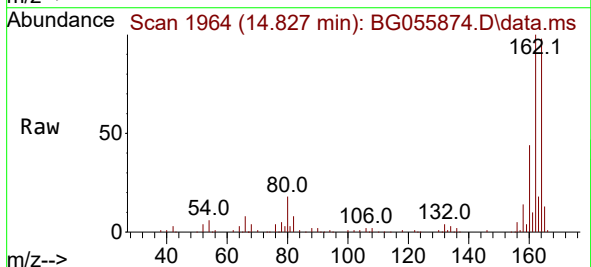
Instrument :
BNA_G
ClientSampleId :
MH-17

Tgt Ion:172 Resp: 438952
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 25.1 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.954 ng
RT: 14.827 min Scan# 1964
Delta R.T. 0.417 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

Tgt Ion:165 Resp: 14501
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.641 ng

RT: 14.827 min Scan# 1964

Delta R.T. -0.370 min

Lab File: BG055874.D

Acq: 2 Dec 2022 15:03

Instrument :

BNA_G

ClientSampleId :

MH-17

Tgt Ion:165 Resp: 14501

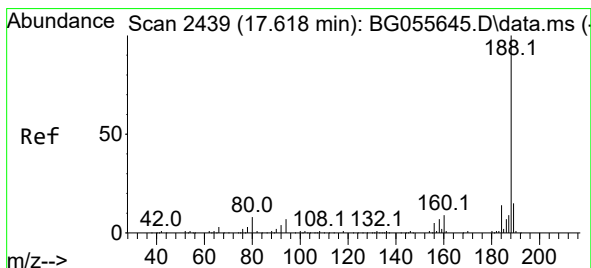
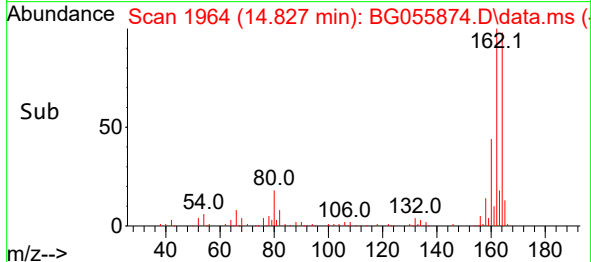
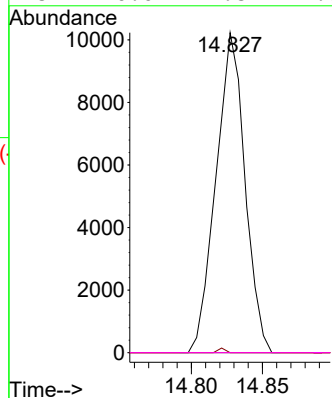
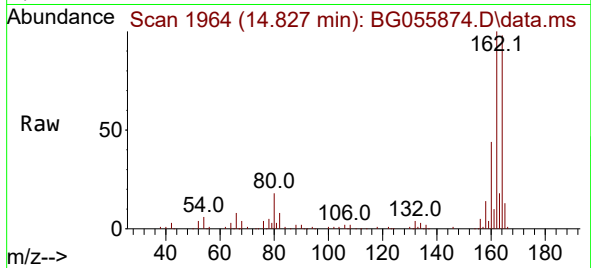
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.571 min Scan# 2431

Delta R.T. -0.006 min

Lab File: BG055874.D

Acq: 2 Dec 2022 15:03

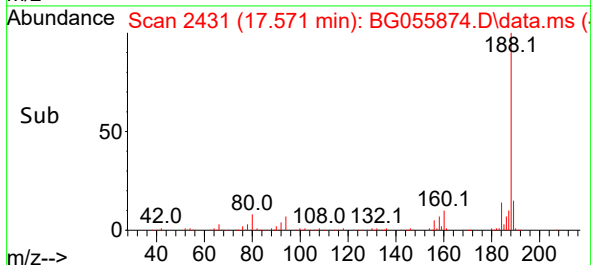
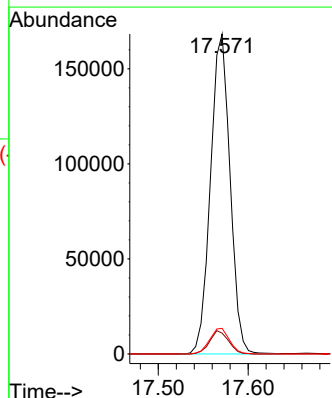
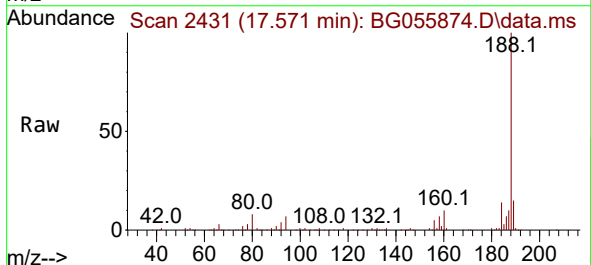
Tgt Ion:188 Resp: 254580

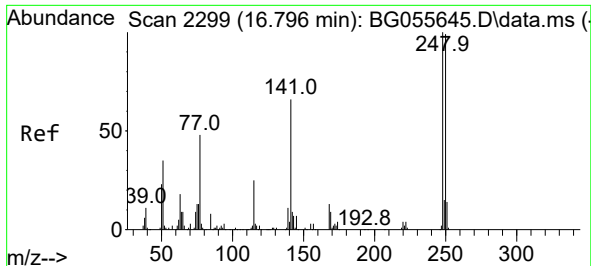
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 8.0 6.6 10.0

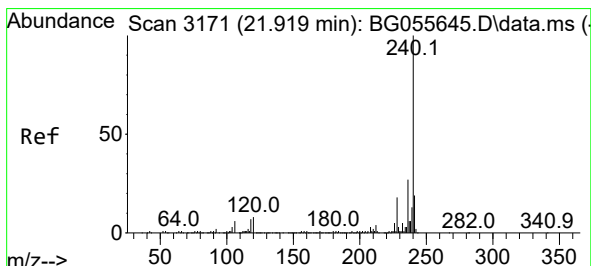
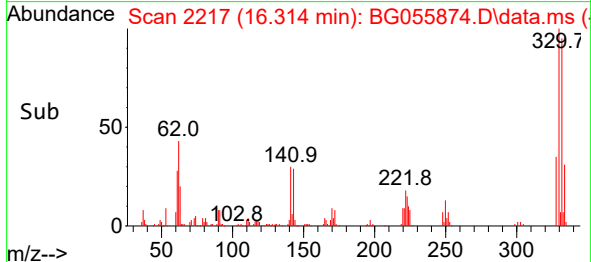
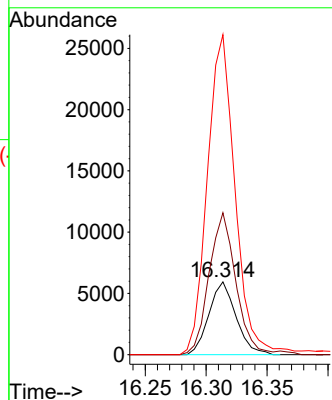
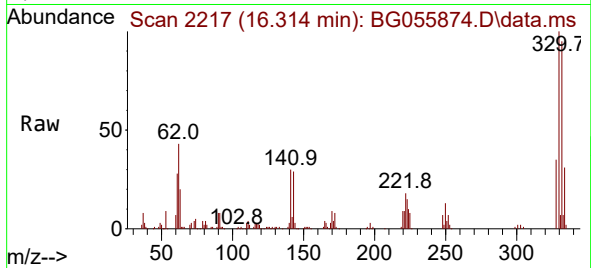




#67
4-Bromophenyl-phenylether
Concen: 3.172 ng
RT: 16.314 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

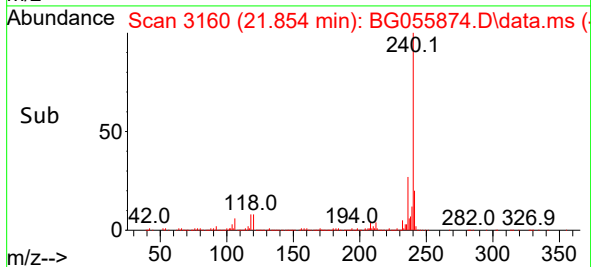
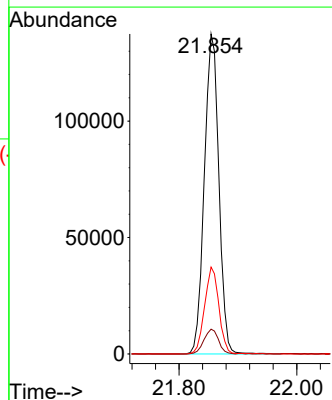
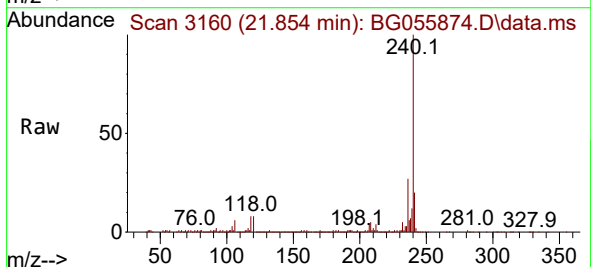
Instrument :
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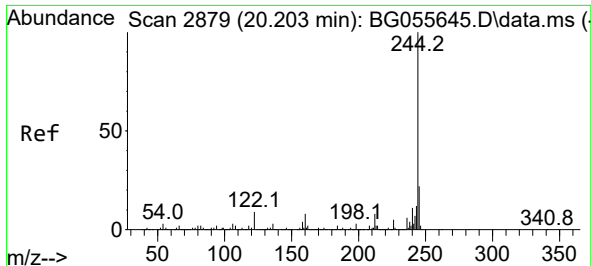
Tgt Ion:248 Resp: 9200
Ion Ratio Lower Upper
248 100
250 195.0 79.0 118.4#
141 439.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BG055874.D
Acq: 2 Dec 2022 15:03

Tgt Ion:240 Resp: 235342
Ion Ratio Lower Upper
240 100
120 7.8 6.3 9.5
236 27.2 21.9 32.9

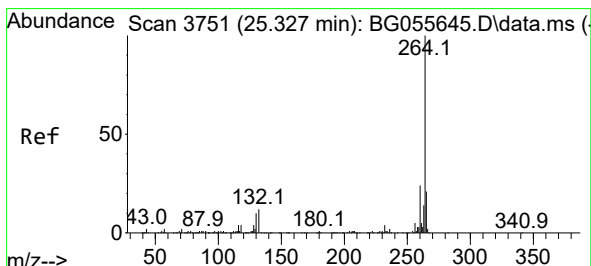
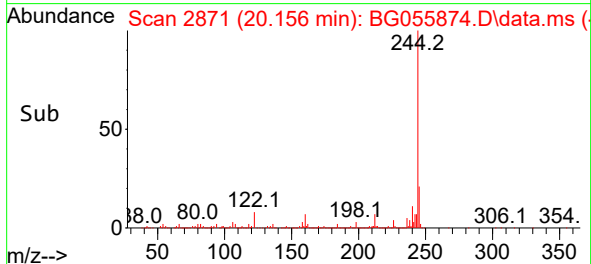
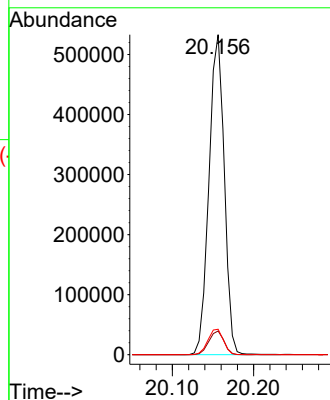
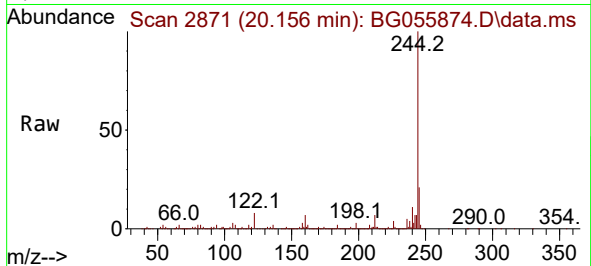




#79
 Terphenyl-d14
 Concen: 59.163 ng
 RT: 20.156 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055874.D
 Acq: 2 Dec 2022 15:03

Instrument :
 BNA_G
 ClientSampleId :
 MH-17

Tgt Ion:244 Resp: 696129
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 7.9 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.233 min Scan# 3735
 Delta R.T. -0.017 min
 Lab File: BG055874.D
 Acq: 2 Dec 2022 15:03

Tgt Ion:264 Resp: 249820
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.8 17.1 25.7

