

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055875.D
 Acq On : 2 Dec 2022 15:43
 Operator : CG/JU
 Sample : N5833-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Quant Time: Dec 03 04:29:24 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)

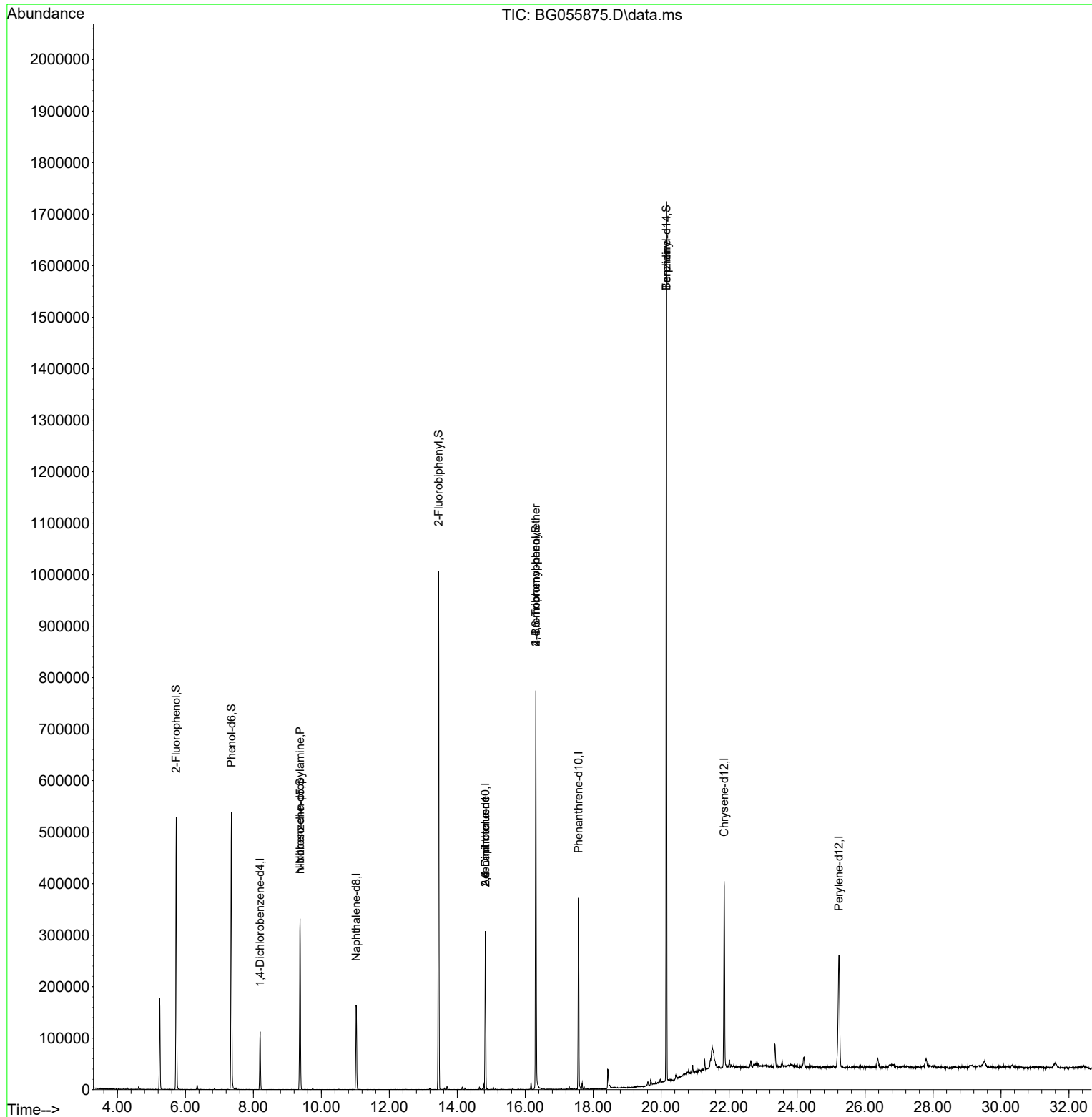
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	32306	20.000	ng	0.00
21) Naphthalene-d8	11.025	136	143735	20.000	ng	-0.01
39) Acenaphthene-d10	14.827	164	110782	20.000	ng	-0.01
64) Phenanthrene-d10	17.571	188	252540	20.000	ng	0.00
76) Chrysene-d12	21.854	240	234637	20.000	ng	-0.01
86) Perylene-d12	25.232	264	249306	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.731	112	226566	126.764	ng	0.00
7) Phenol-d6	7.353	99	307771	129.359	ng	0.00
23) Nitrobenzene-d5	9.374	82	193498	71.154	ng	-0.01
42) 2,4,6-Tribromophenol	16.313	330	167071	107.100	ng	-0.01
45) 2-Fluorobiphenyl	13.452	172	524352	70.909	ng	0.00
79) Terphenyl-d14	20.156	244	853058	72.718	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.374	70	26418	14.452	ng	# 75
51) 2,6-Dinitrotoluene	14.827	165	14147	7.835	ng	# 24
57) 2,4-Dinitrotoluene	14.827	165	14147	5.557	ng	# 22
67) 4-Bromophenyl-phenylether	16.313	248	10568	3.673	ng	# 1
77) Benzidine	20.156	184	13371	2.463	ng	# 90

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

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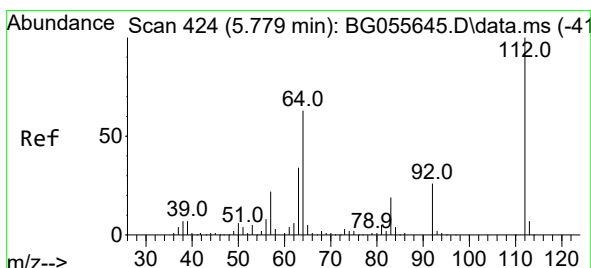
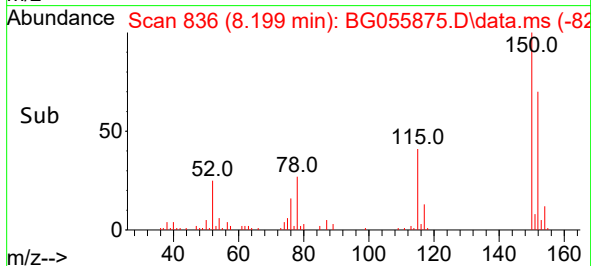
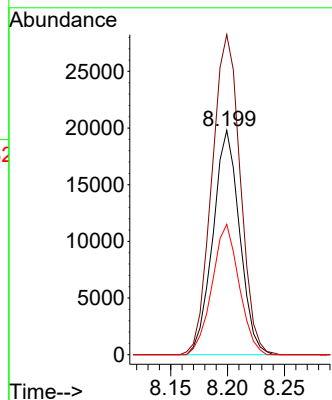
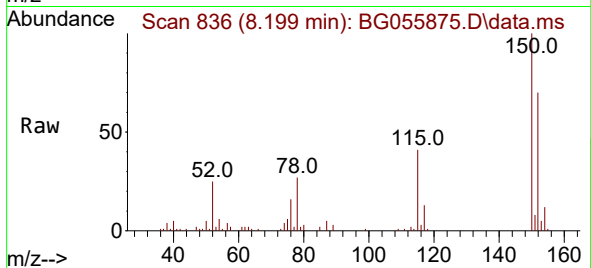




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.199 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

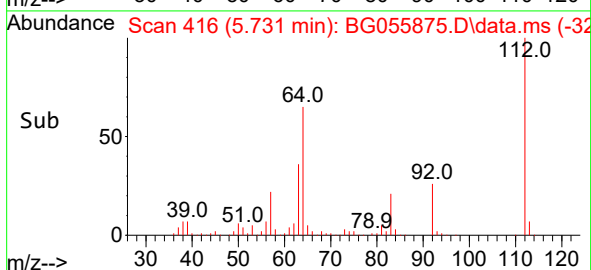
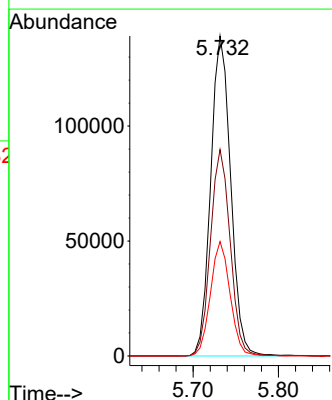
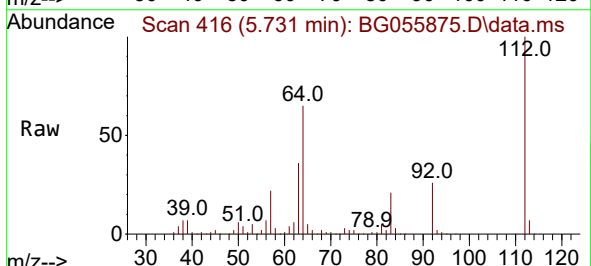
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

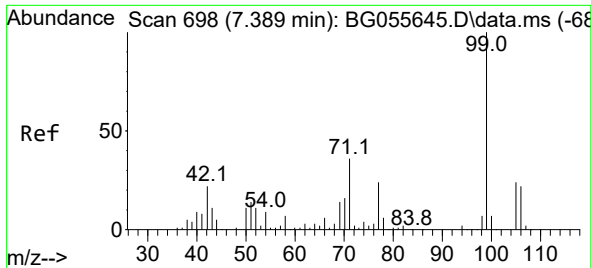
Tgt Ion:152 Resp: 32306
Ion Ratio Lower Upper
152 100
150 142.7 123.0 184.6
115 58.1 47.0 70.4



#5
2-Fluorophenol
Concen: 126.764 ng
RT: 5.731 min Scan# 416
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:112 Resp: 226566
Ion Ratio Lower Upper
112 100
64 64.5 50.6 76.0
63 35.7 27.5 41.3

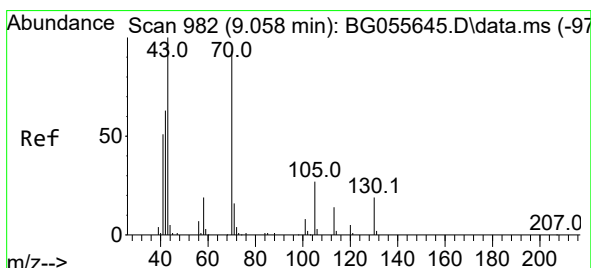
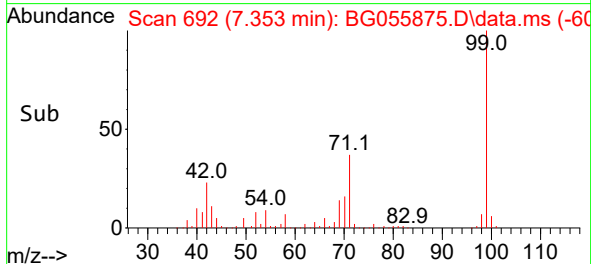
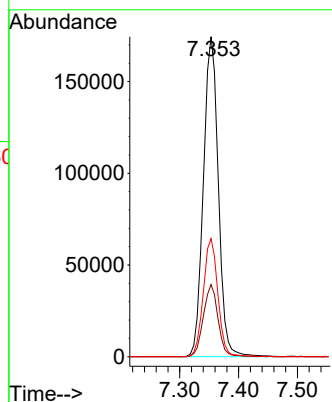
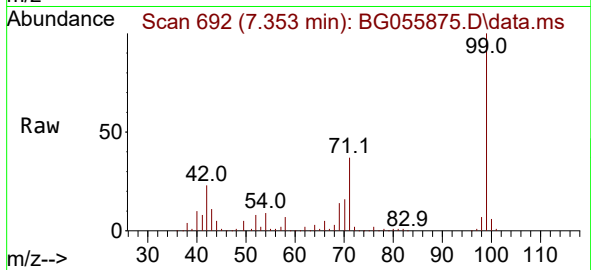




#7
Phenol-d6
Concen: 129.359 ng
RT: 7.353 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

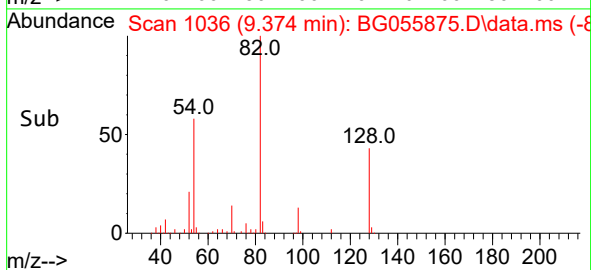
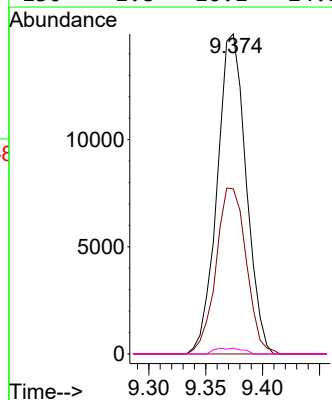
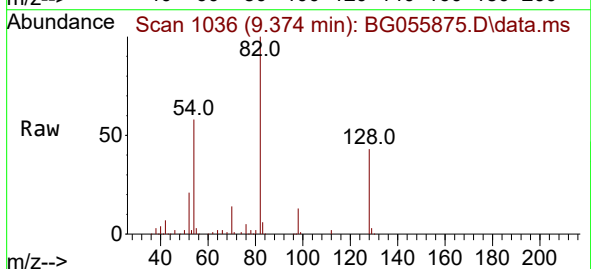
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

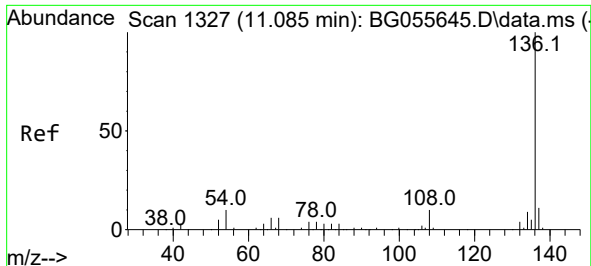
Tgt Ion: 99 Resp: 307771
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 36.9 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 14.452 ng
RT: 9.374 min Scan# 1036
Delta R.T. 0.364 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion: 70 Resp: 26418
Ion Ratio Lower Upper
70 100
42 51.6 55.2 82.8#
101 0.0 7.1 10.7#
130 1.8 16.1 24.1#

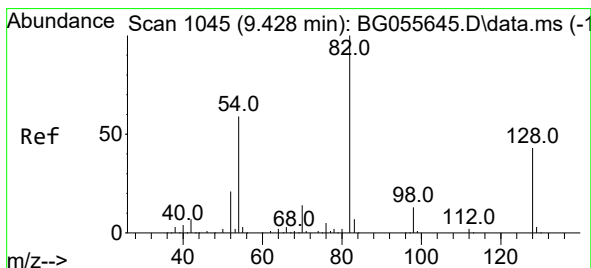
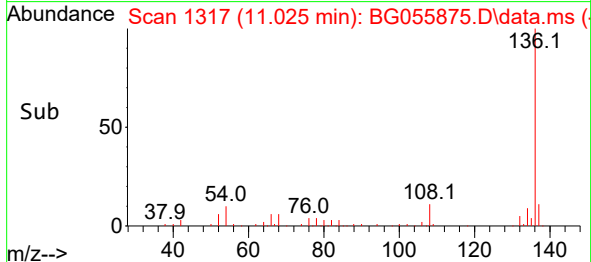
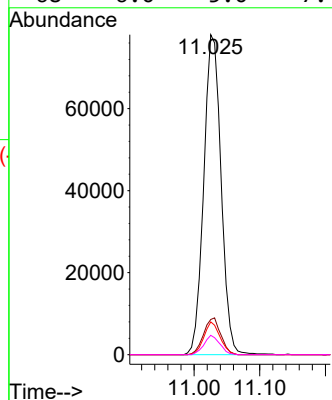
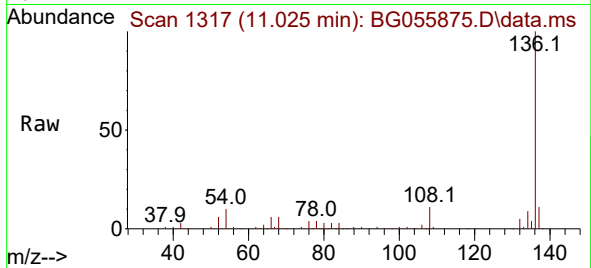




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.025 min Scan# 11
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

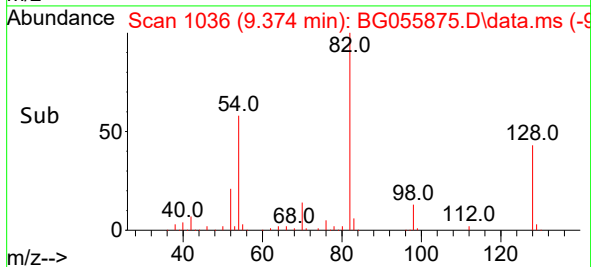
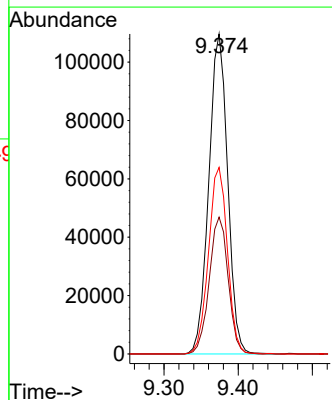
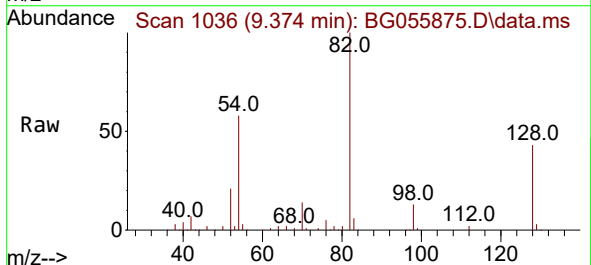
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

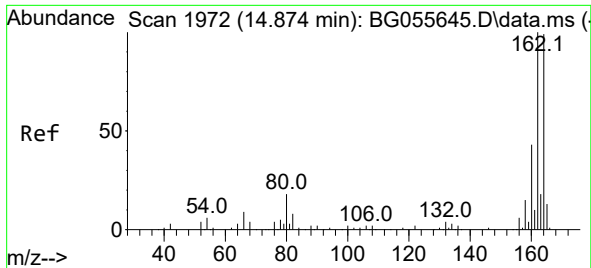
Tgt Ion:	136	Resp:	143735
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.6
54	10.2	7.8	11.6
68	6.0	5.0	7.4



#23
Nitrobenzene-d5
Concen: 71.154 ng
RT: 9.374 min Scan# 1036
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:	82	Resp:	193498
Ion Ratio	Lower	Upper	
82	100		
128	42.7	34.1	51.1
54	58.3	47.3	70.9

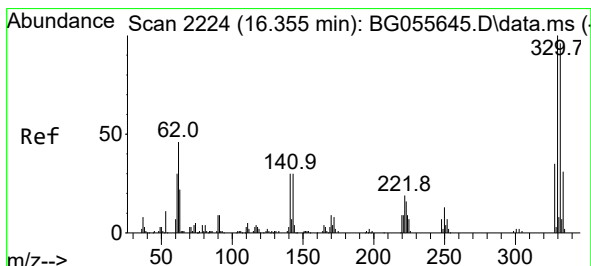
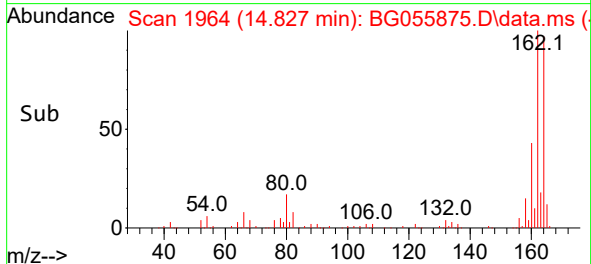
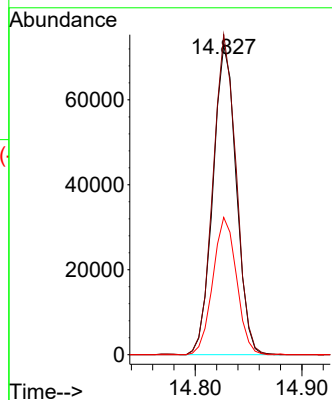
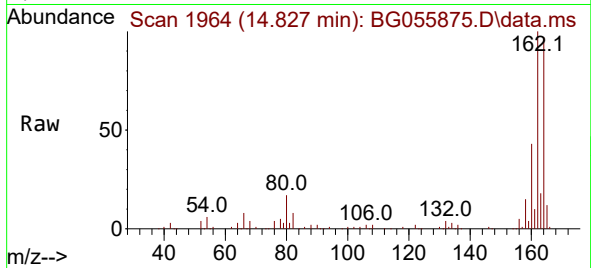




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.827 min Scan# 1972
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

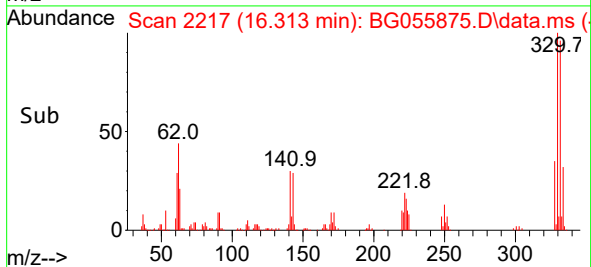
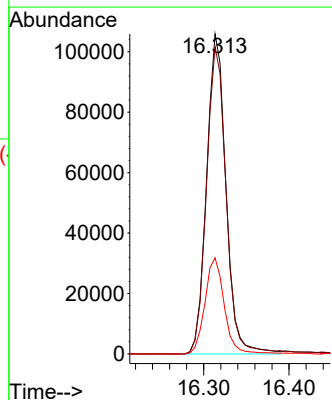
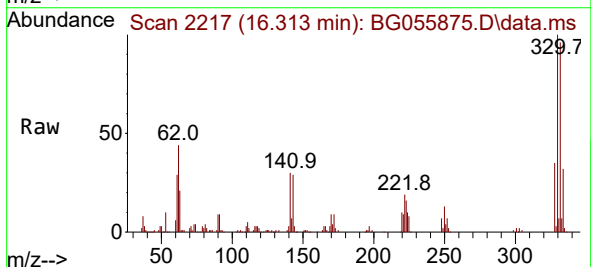
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:164 Resp: 110782
Ion Ratio Lower Upper
164 100
162 103.3 81.1 121.7
160 44.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 107.100 ng
RT: 16.313 min Scan# 2217
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:330 Resp: 167071
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.8
141 30.3 23.9 35.9

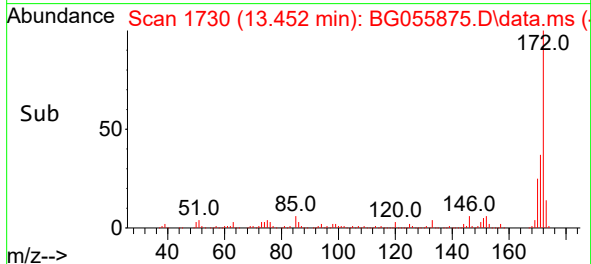
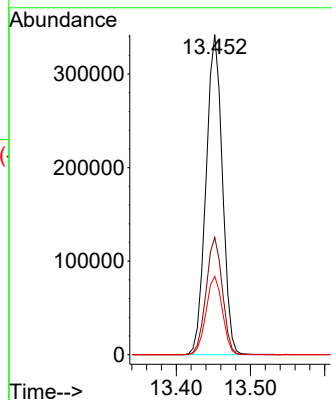
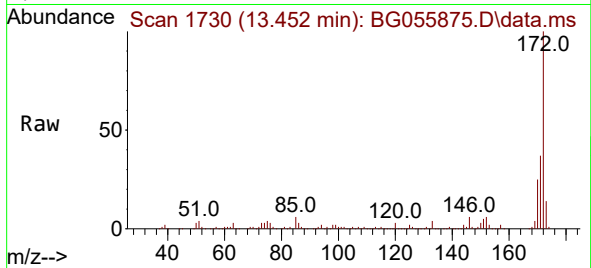




#45
2-Fluorobiphenyl
Concen: 70.909 ng
RT: 13.452 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

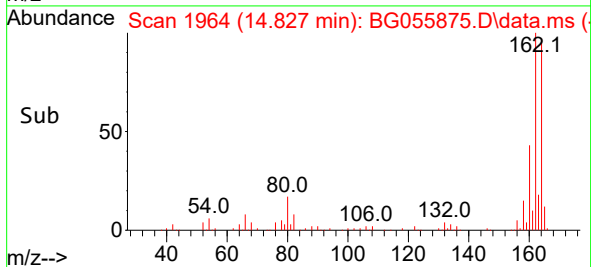
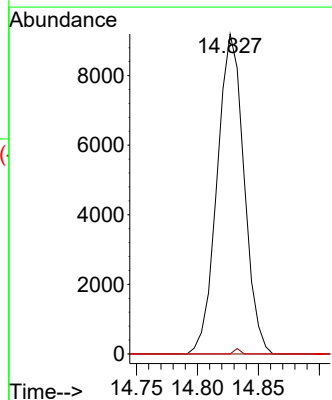
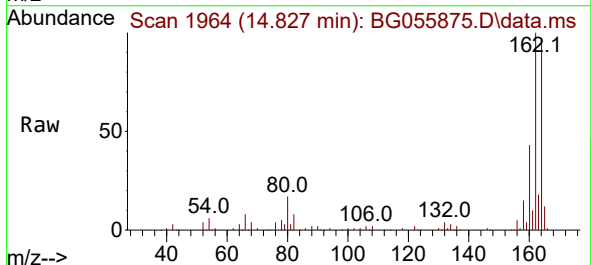
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

Tgt Ion:172 Resp: 524352
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 7.835 ng
RT: 14.827 min Scan# 1964
Delta R.T. 0.417 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:165 Resp: 14147
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: 5.557 ng

RT: 14.827 min Scan# 1964

Delta R.T. -0.370 min

Lab File: BG055875.D

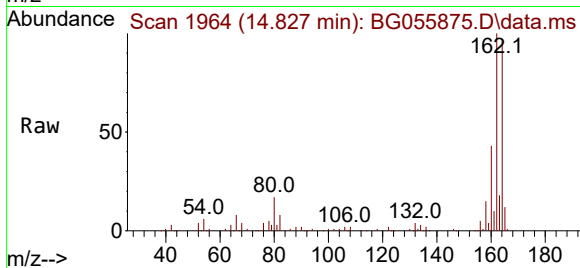
Acq: 2 Dec 2022 15:43

Instrument :

BNA_G

ClientSampleId :

COMPOSITE-1



Tgt Ion:165 Resp: 14147

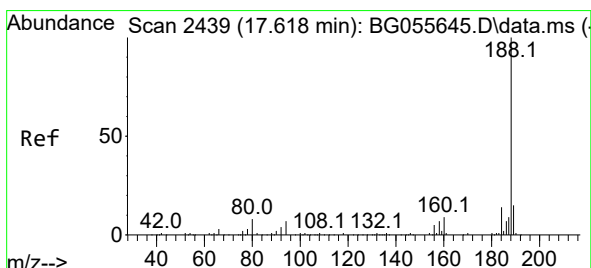
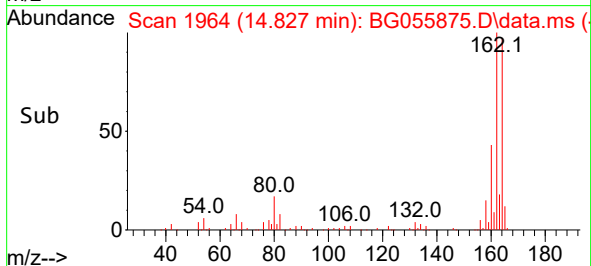
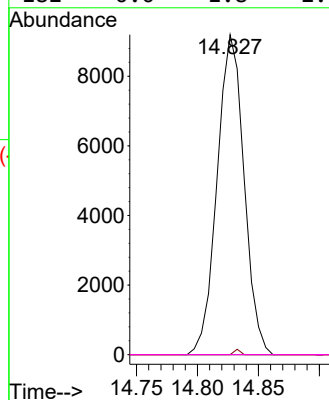
Ion Ratio Lower Upper

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: BG055875.D

Acq: 2 Dec 2022 15:43

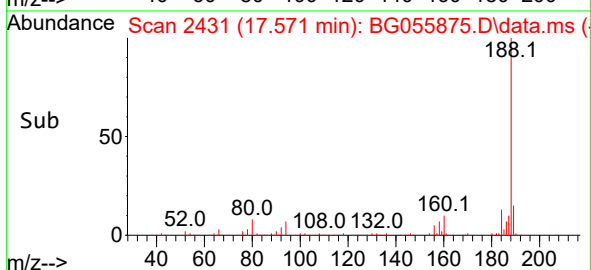
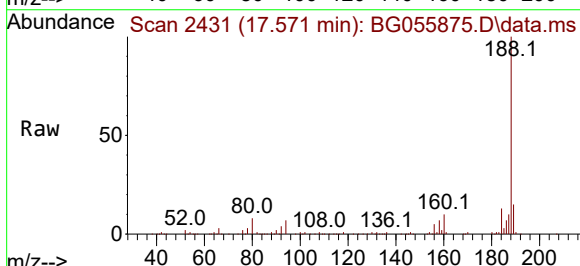
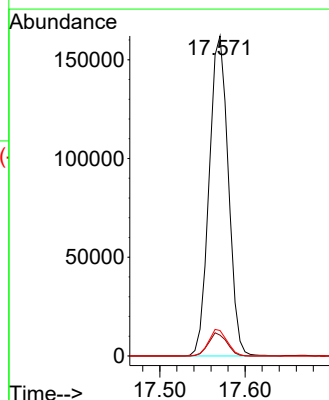
Tgt Ion:188 Resp: 252540

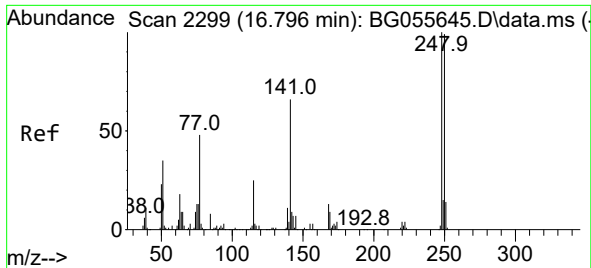
Ion Ratio Lower Upper

188 100

94 6.5 5.4 8.2

80 7.9 6.6 10.0

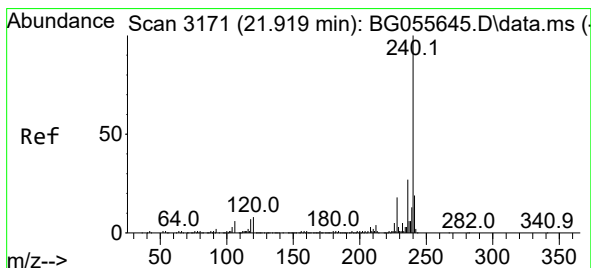
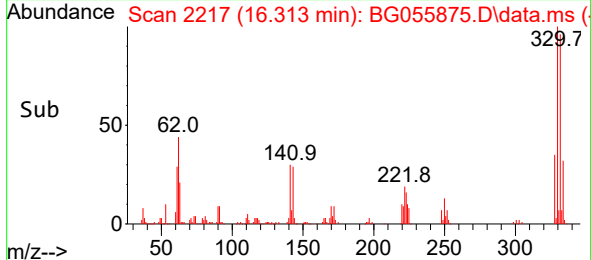
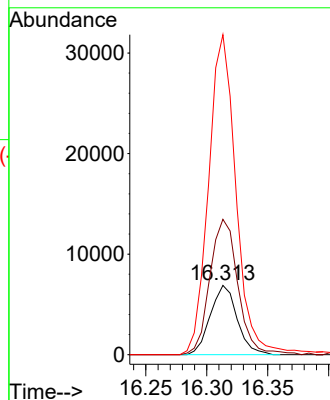
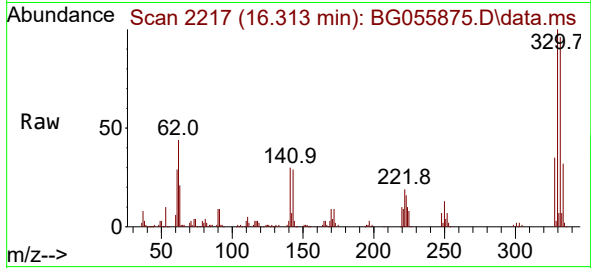




#67
4-Bromophenyl-phenylether
Concen: 3.673 ng
RT: 16.313 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

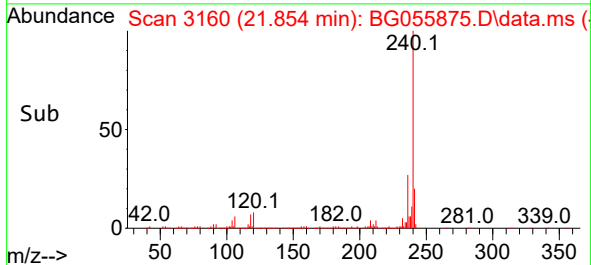
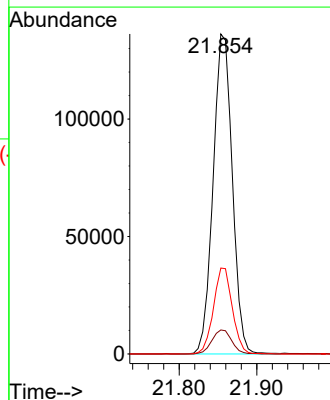
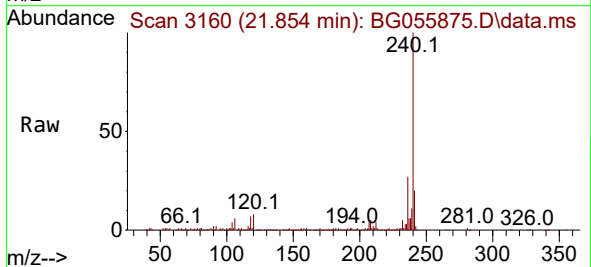
Instrument :
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COMPOSITE-1

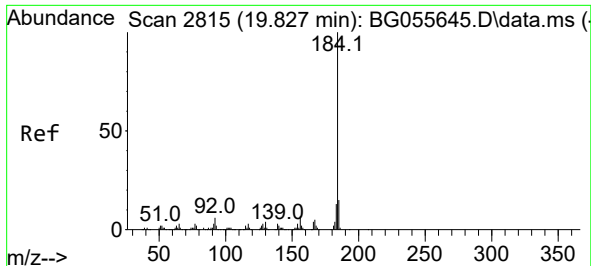
Tgt Ion:248 Resp: 10568
Ion Ratio Lower Upper
248 100
250 195.3 79.0 118.4#
141 461.5 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.012 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:240 Resp: 234637
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.8 21.9 32.9

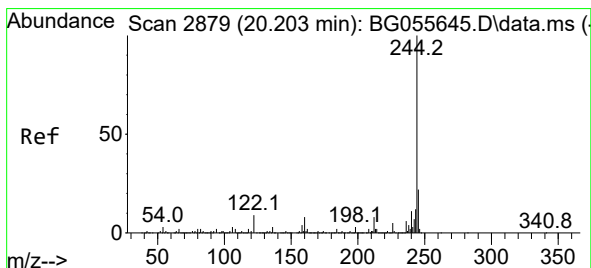
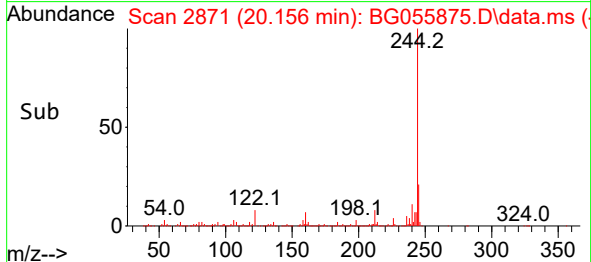
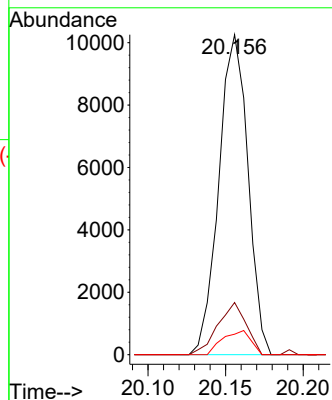
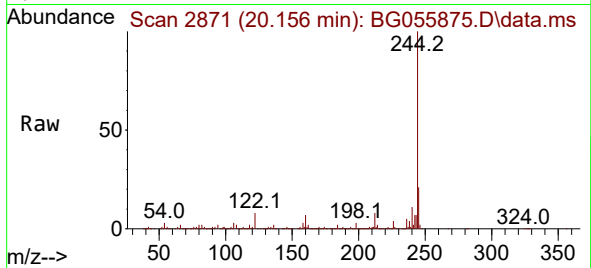




#77
Benzidine
Concen: 2.463 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.370 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

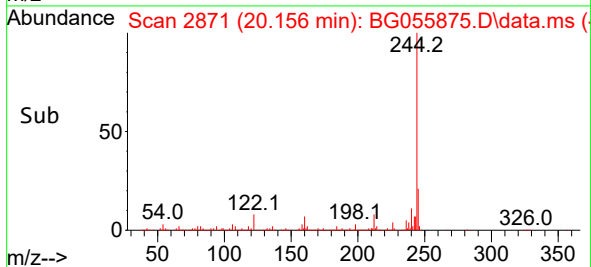
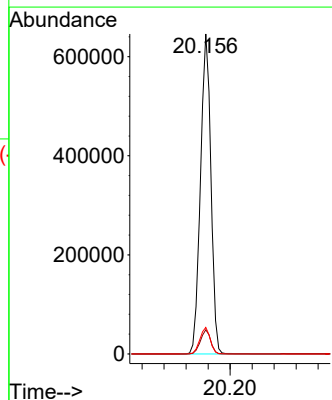
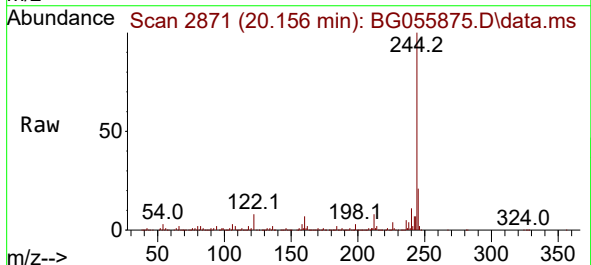
Instrument :
BNA_G
ClientSampleId :
COMPOSITE-1

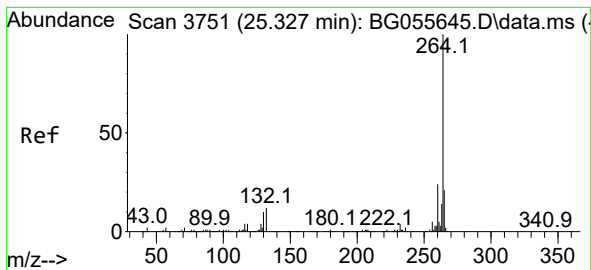
Tgt Ion:184 Resp: 13371
Ion Ratio Lower Upper
184 100
185 16.3 11.8 17.8
183 6.4 10.6 15.8#



#79
Terphenyl-d14
Concen: 72.718 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BG055875.D
Acq: 2 Dec 2022 15:43

Tgt Ion:244 Resp: 853058
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.3 6.9 10.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.232 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BG055875.D
 Acq: 2 Dec 2022 15:43

Instrument :
 BNA_G
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:264 Resp: 249306
 Ion Ratio Lower Upper
 264 100
 260 25.5 19.5 29.3
 265 23.1 17.1 25.7

