

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055348.D
 Acq On : 28 Oct 2022 19:22
 Operator : CG/JU
 Sample : N5288-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 252672-7

Quant Time: Oct 29 04:55:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

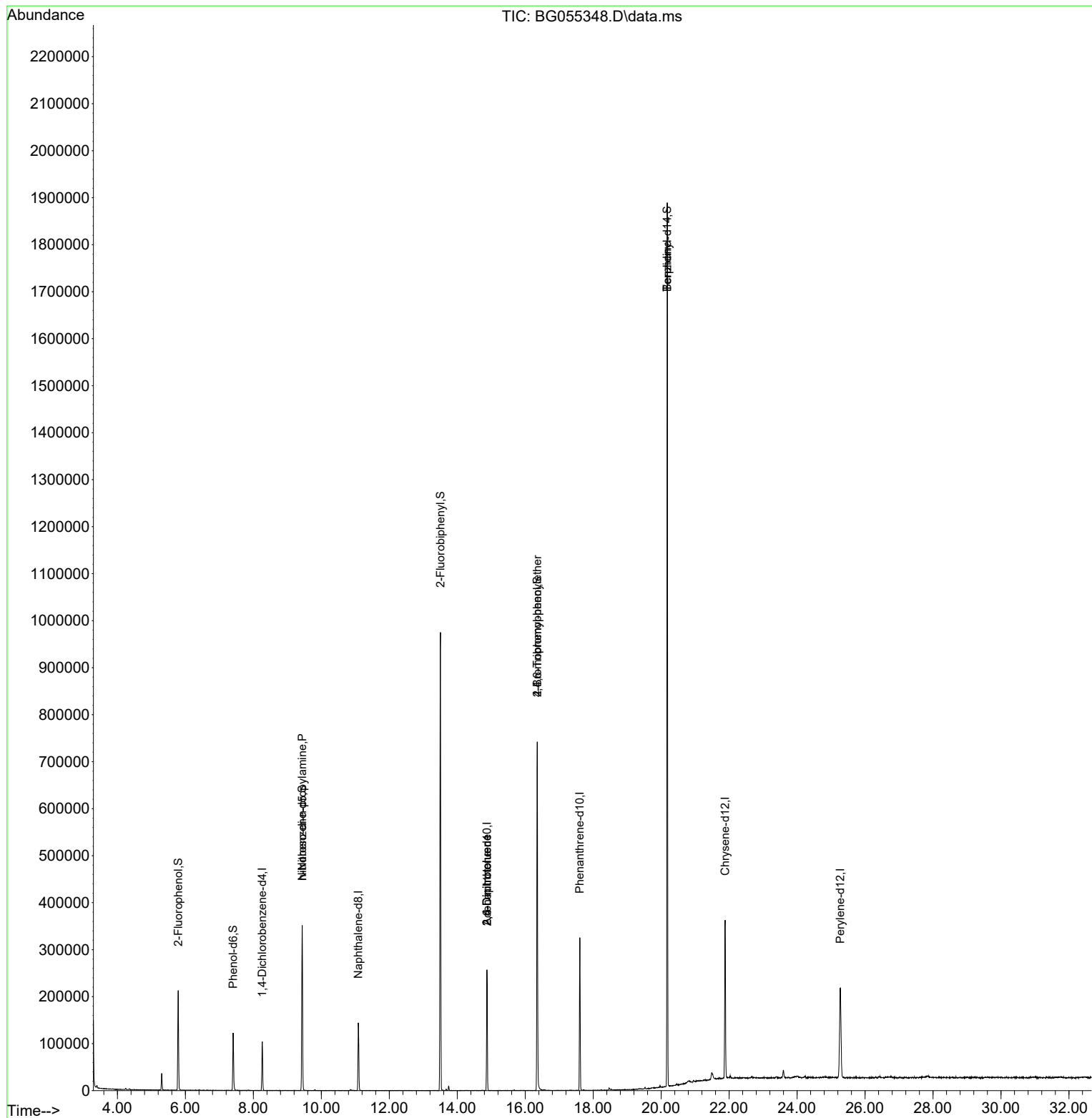
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.264	152	31021	20.000	ng	0.00
21) Naphthalene-d8	11.090	136	128515	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	89881	20.000	ng	0.00
64) Phenanthrene-d10	17.606	188	208748	20.000	ng	0.00
76) Chrysene-d12	21.884	240	207899	20.000	ng	0.00
86) Perylene-d12	25.274	264	215193	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	100816	56.905	ng	0.00
7) Phenol-d6	7.406	99	77521	30.203	ng	0.00
23) Nitrobenzene-d5	9.439	82	226940	90.171	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	157017	160.700	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	521098	94.893	ng	0.00
79) Terphenyl-d14	20.180	244	911263	91.069	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.439	70	29875	14.016	ng	# 77
51) 2,6-Dinitrotoluene	14.874	165	11748	8.181	ng	# 21
57) 2,4-Dinitrotoluene	14.874	165	11748	5.638	ng	# 19
67) 4-Bromophenyl-phenylether	16.355	248	9847	4.855	ng	# 1
77) Benzidine	20.180	184	13543	2.690	ng	# 87

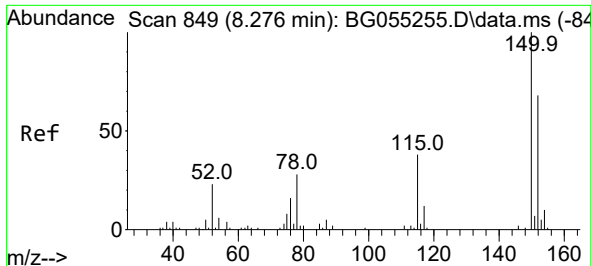
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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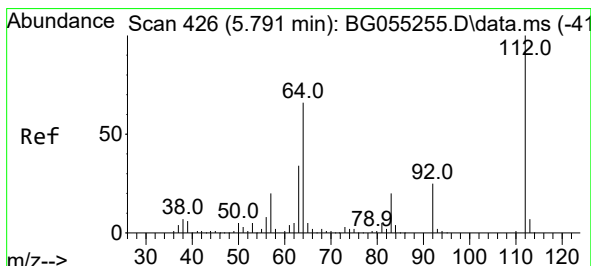
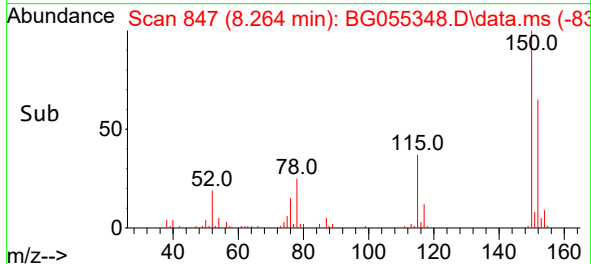
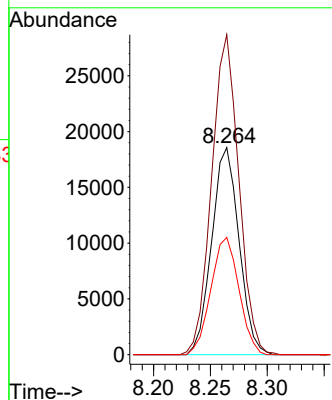
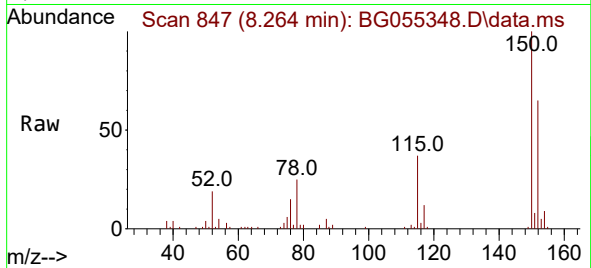




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.264 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

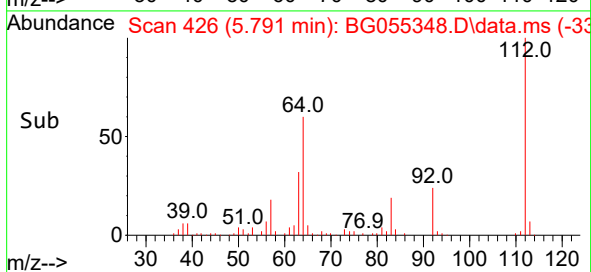
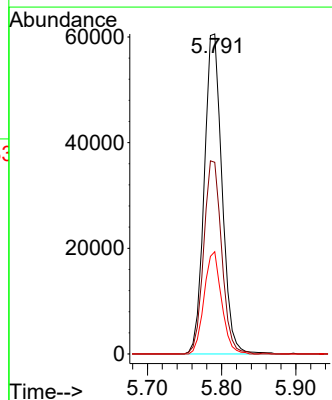
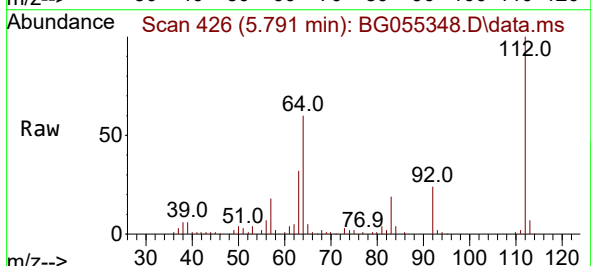
Instrument :
BNA_G
ClientSampleId :
252672-7

Tgt Ion:152 Resp: 31021
Ion Ratio Lower Upper
152 100
150 154.6 118.2 177.4
115 56.6 44.5 66.7



#5
2-Fluorophenol
Concen: 56.905 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.005 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion:112 Resp: 100816
Ion Ratio Lower Upper
112 100
64 59.9 52.6 78.8
63 32.0 27.1 40.7

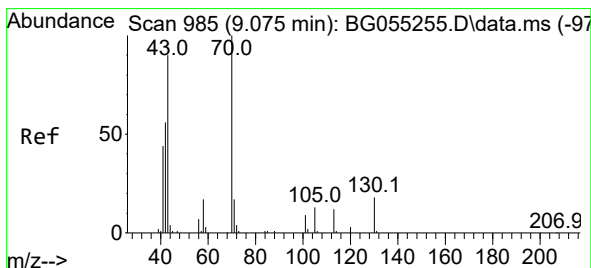
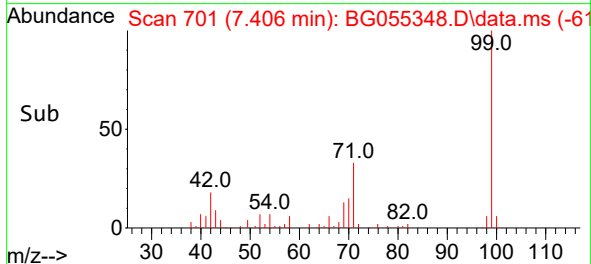
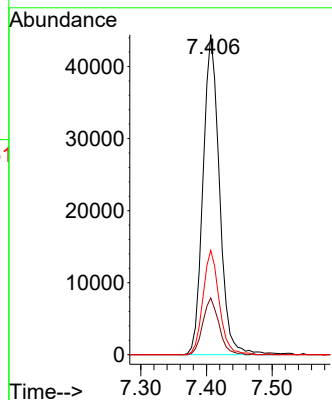
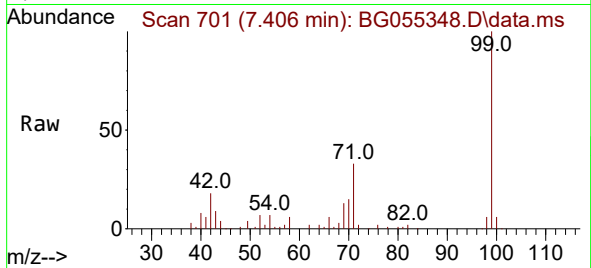




#7
Phenol-d6
Concen: 30.203 ng
RT: 7.406 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

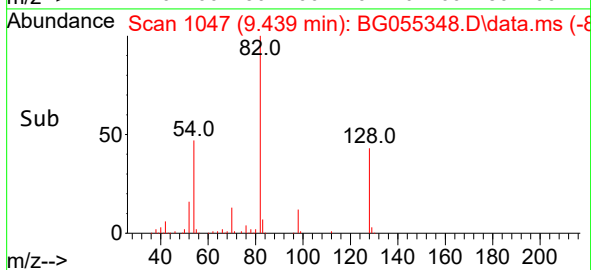
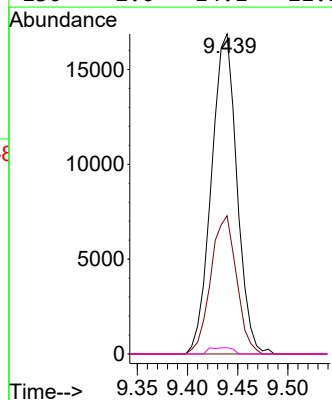
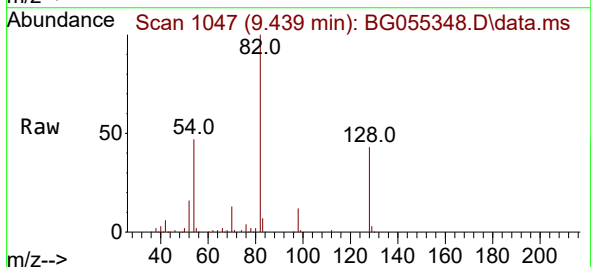
Instrument :
BNA_G
ClientSampleId :
252672-7

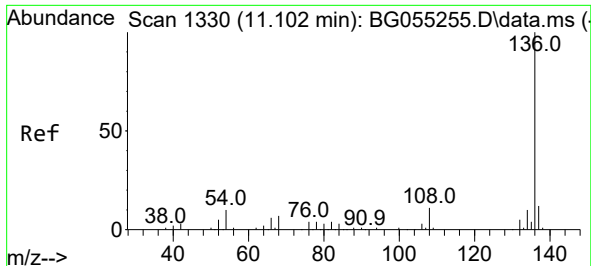
Tgt Ion: 99 Resp: 77521
Ion Ratio Lower Upper
99 100
42 17.7 15.2 22.8
71 32.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 14.016 ng
RT: 9.439 min Scan# 1047
Delta R.T. 0.370 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion: 70 Resp: 29875
Ion Ratio Lower Upper
70 100
42 43.2 45.8 68.6#
101 0.0 7.4 11.0#
130 2.0 14.1 21.1#

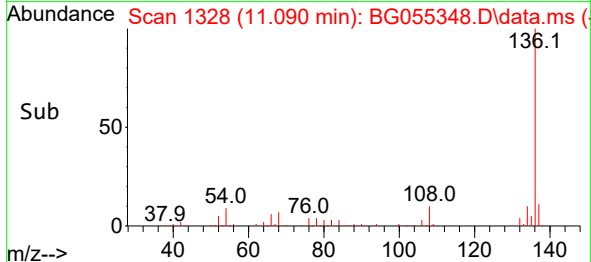
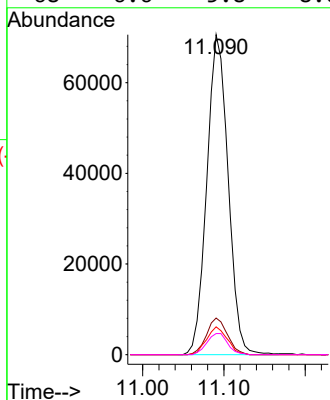
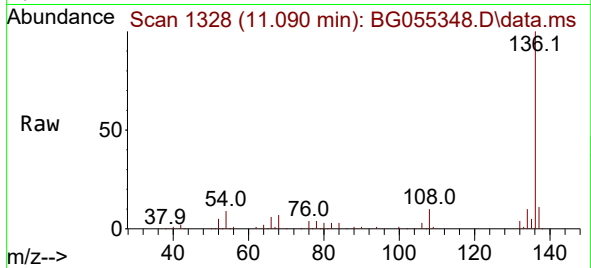




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.090 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

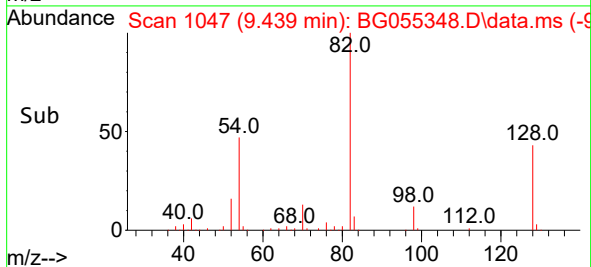
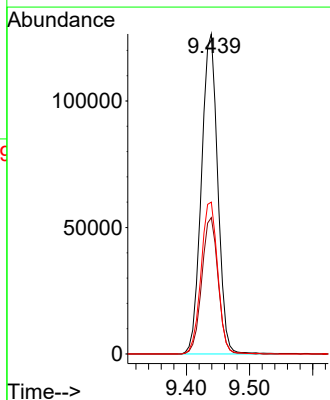
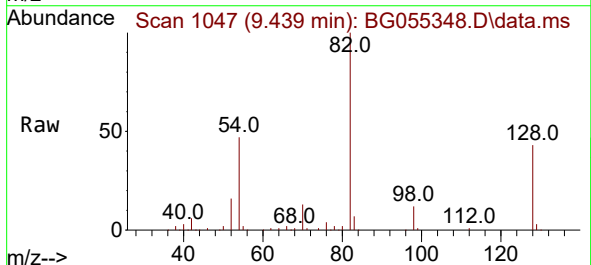
Instrument :
BNA_G
ClientSampleId :
252672-7

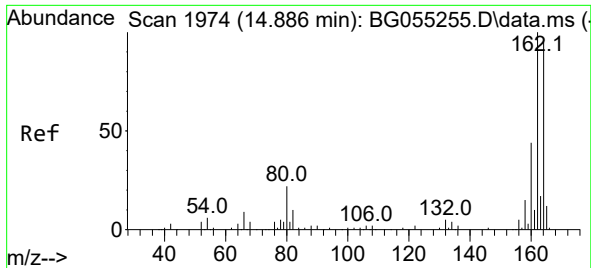
Tgt Ion:	136	Resp:	128515
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.2	13.8
54	8.7	7.8	11.8
68	6.6	5.8	8.6



#23
Nitrobenzene-d5
Concen: 90.171 ng
RT: 9.439 min Scan# 1047
Delta R.T. -0.001 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion:	82	Resp:	226940
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.0	48.0
54	47.5	40.9	61.3

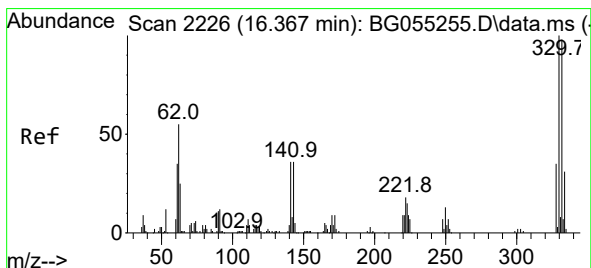
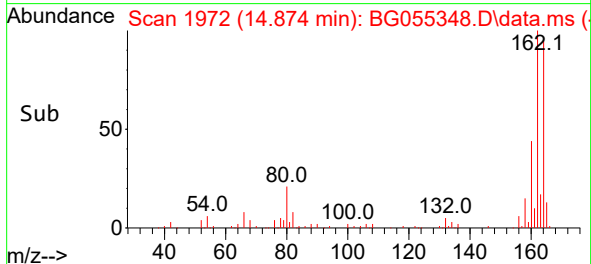
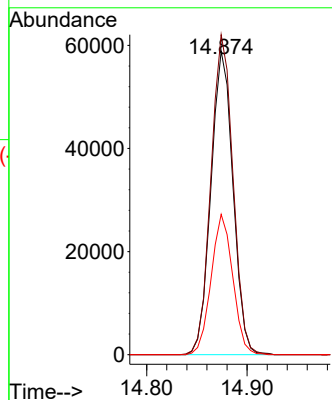
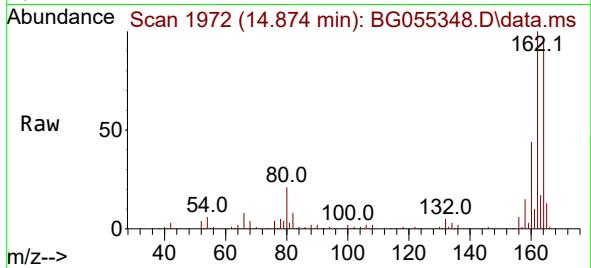




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

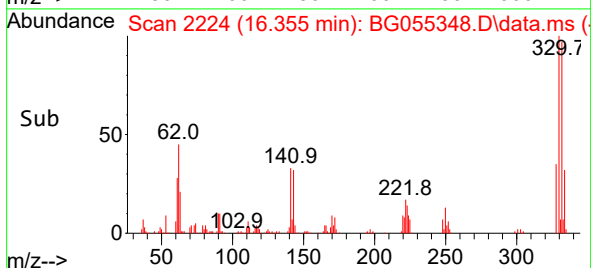
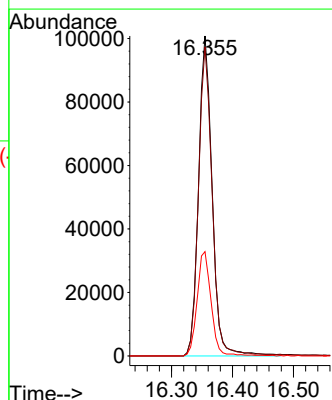
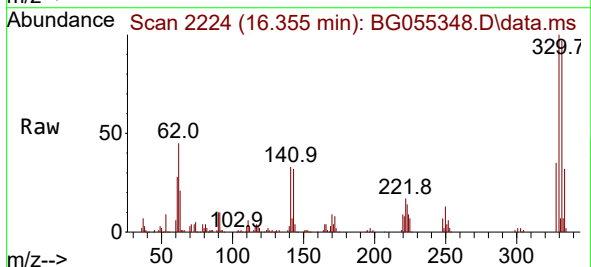
Instrument :
BNA_G
ClientSampleId :
252672-7

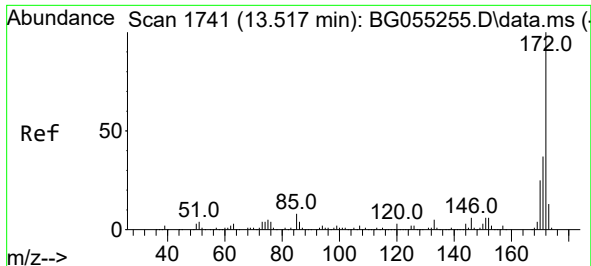
Tgt Ion:164 Resp: 89881
Ion Ratio Lower Upper
164 100
162 105.4 84.0 126.0
160 46.2 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 160.700 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion:330 Resp: 157017
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 33.5 29.8 44.8

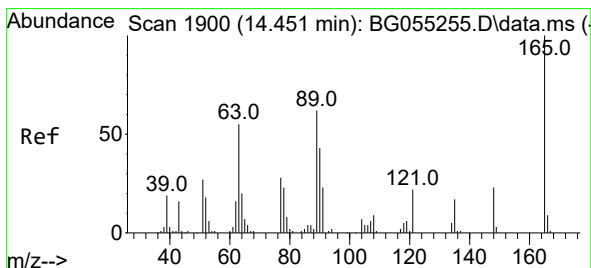
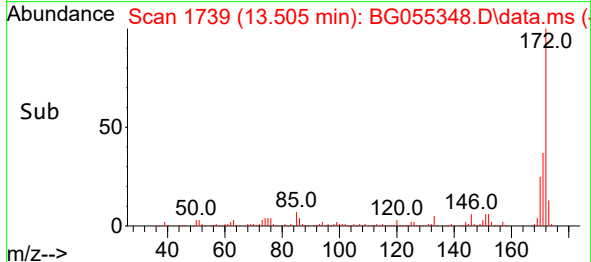
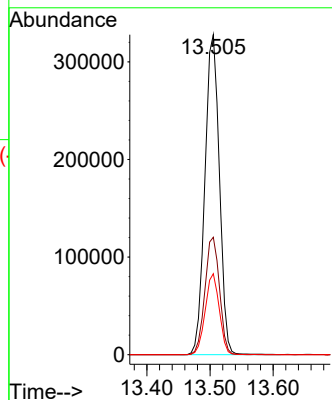
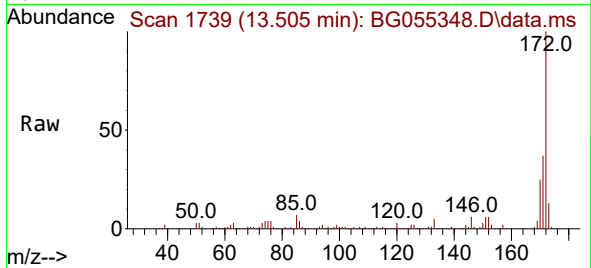




#45
2-Fluorobiphenyl
Concen: 94.893 ng
RT: 13.505 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

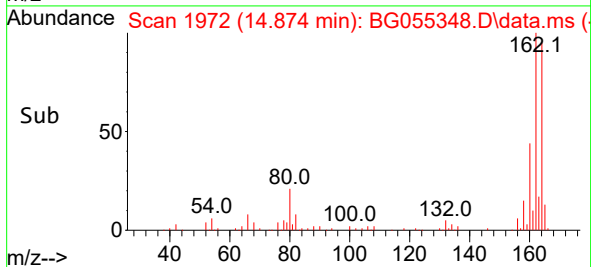
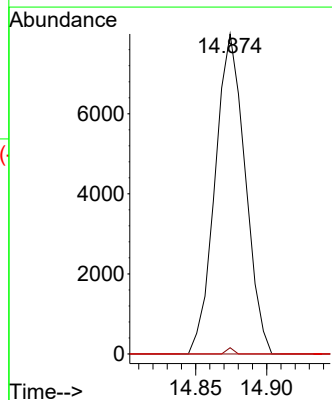
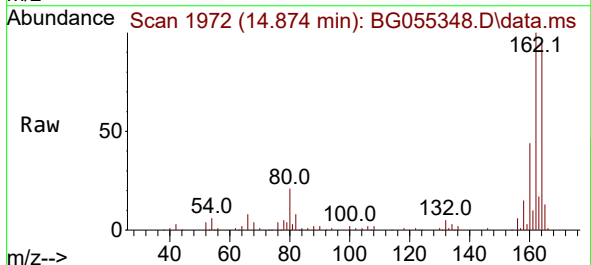
Instrument :
BNA_G
ClientSampleId :
252672-7

Tgt Ion:172 Resp: 521098
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 25.3 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.181 ng
RT: 14.874 min Scan# 1972
Delta R.T. 0.422 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion:165 Resp: 11748
Ion Ratio Lower Upper
165 100
63 2.0 49.2 73.8#
89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.638 ng

RT: 14.874 min Scan# 1972

Delta R.T. -0.359 min

Lab File: BG055348.D

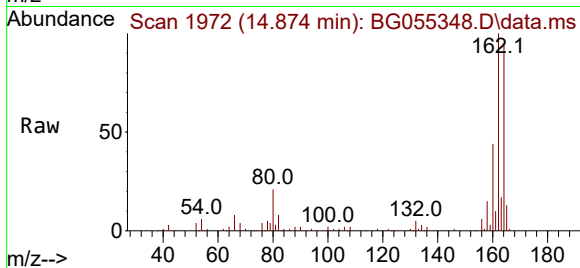
Acq: 28 Oct 2022 19:22

Instrument :

BNA_G

ClientSampleId :

252672-7



Tgt Ion:165 Resp: 11748

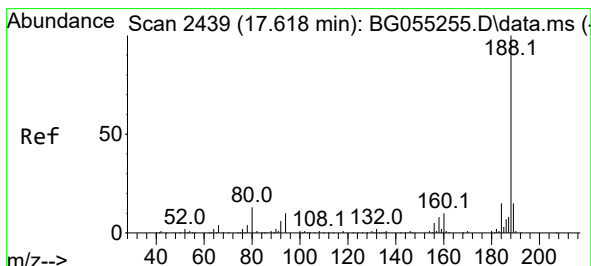
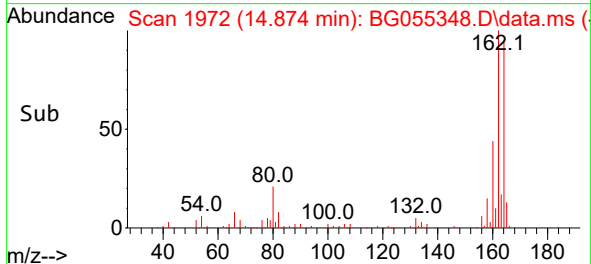
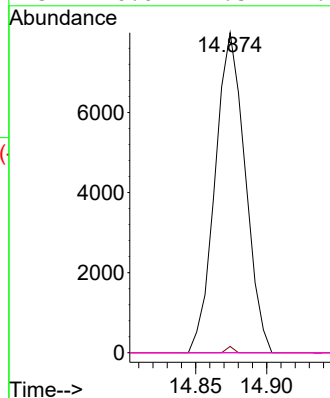
Ion Ratio Lower Upper

165 100

63 2.0 38.9 58.3#

89 0.0 64.2 96.4#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.606 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055348.D

Acq: 28 Oct 2022 19:22

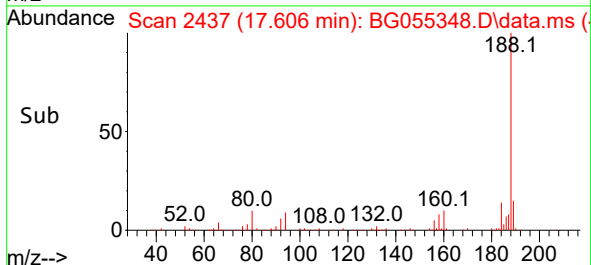
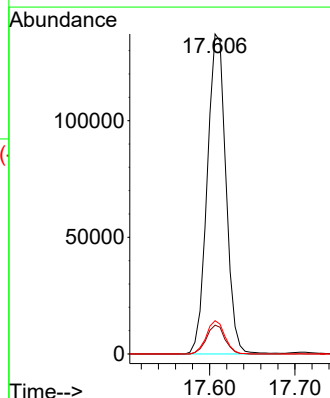
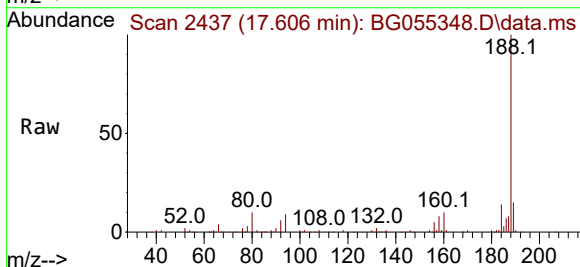
Tgt Ion:188 Resp: 208748

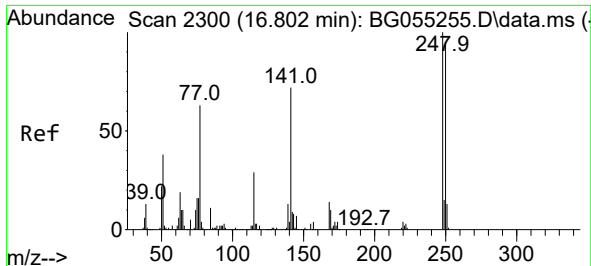
Ion Ratio Lower Upper

188 100

94 9.0 8.2 12.4

80 10.4 10.1 15.1

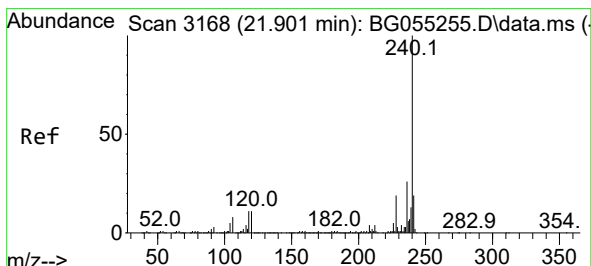
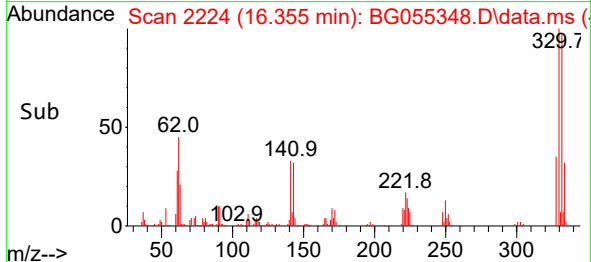
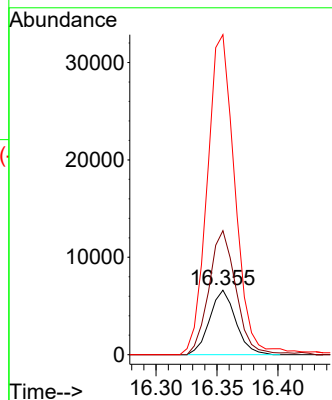
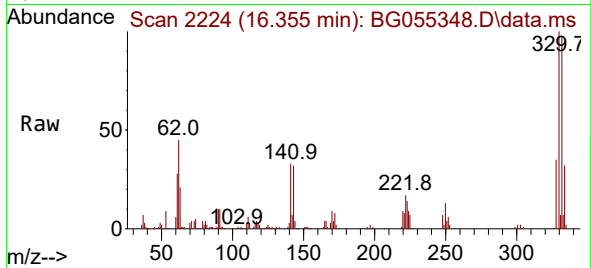




#67
4-Bromophenyl-phenylether
Concen: 4.855 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

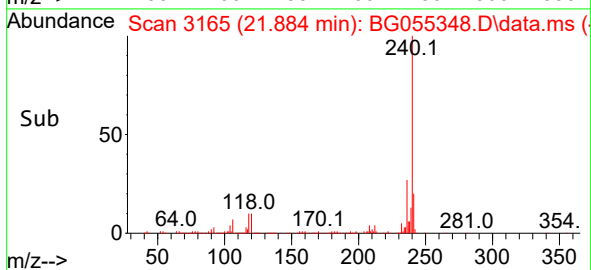
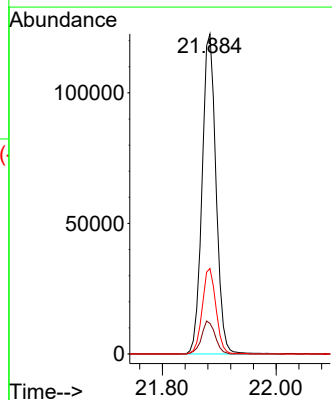
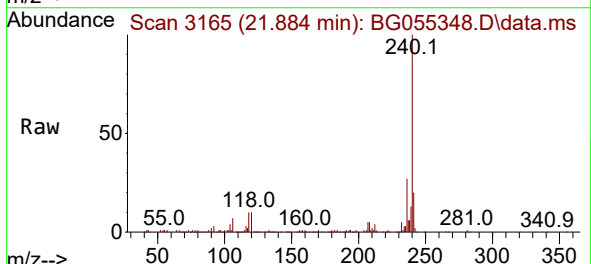
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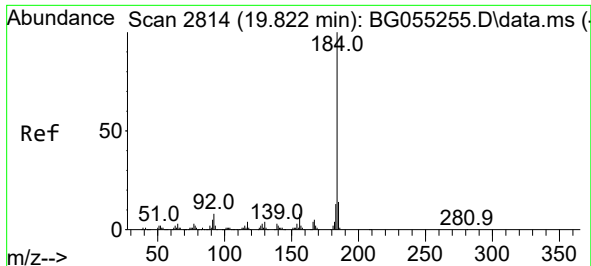
Tgt Ion:248 Resp: 9847
Ion Ratio Lower Upper
248 100
250 192.4 76.0 114.0#
141 496.7 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion:240 Resp: 207899
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 26.7 21.0 31.4

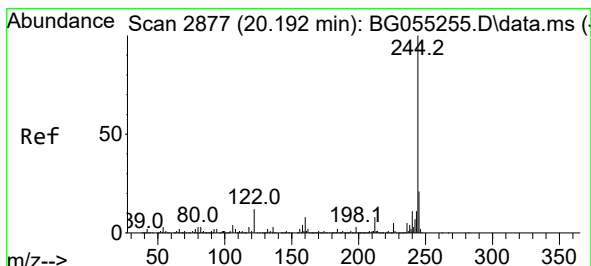
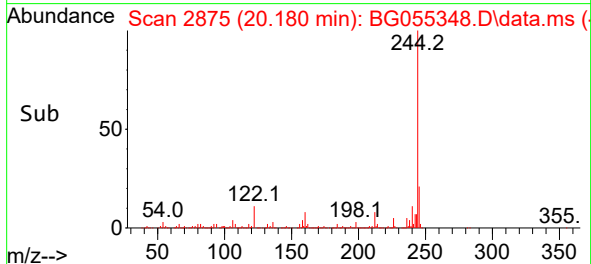
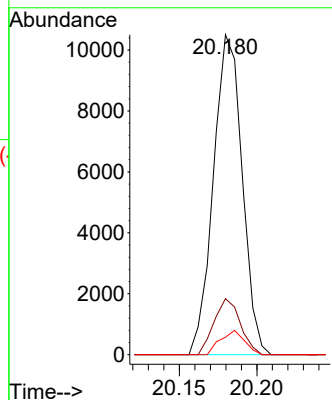
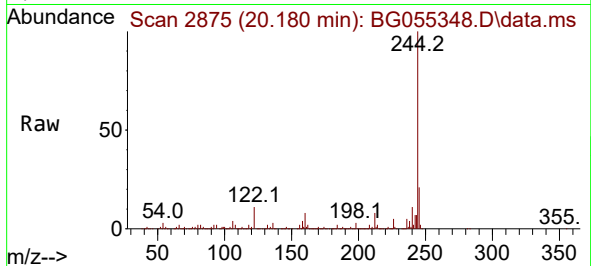




#77
Benzidine
Concen: 2.690 ng
RT: 20.180 min Scan# 2875
Delta R.T. 0.364 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

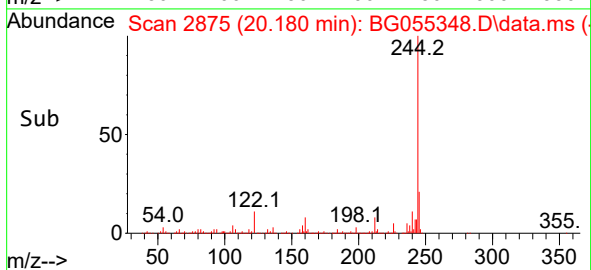
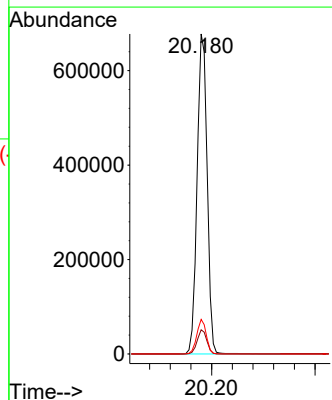
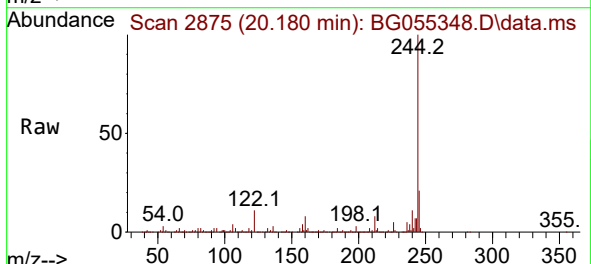
Instrument :
BNA_G
ClientSampleId :
252672-7

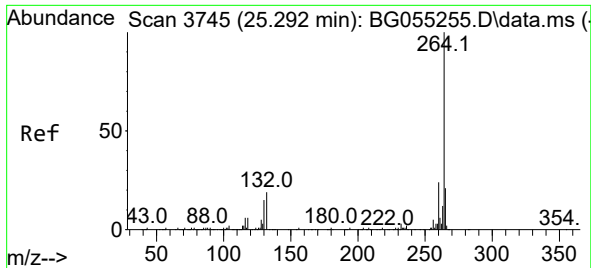
Tgt Ion:184 Resp: 13543
Ion Ratio Lower Upper
184 100
185 17.5 11.0 16.6#
183 5.5 10.0 15.0#



#79
Terphenyl-d14
Concen: 91.069 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Tgt Ion:244 Resp: 911263
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.8 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.274 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055348.D
Acq: 28 Oct 2022 19:22

Instrument :
BNA_G
ClientSampleId :
252672-7

Tgt Ion:264 Resp: 215193

Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.8	17.4	26.2

