

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055349.D
 Acq On : 28 Oct 2022 20:03
 Operator : CG/JU
 Sample : N5288-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 252672-8

Quant Time: Oct 29 04:55:54 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)

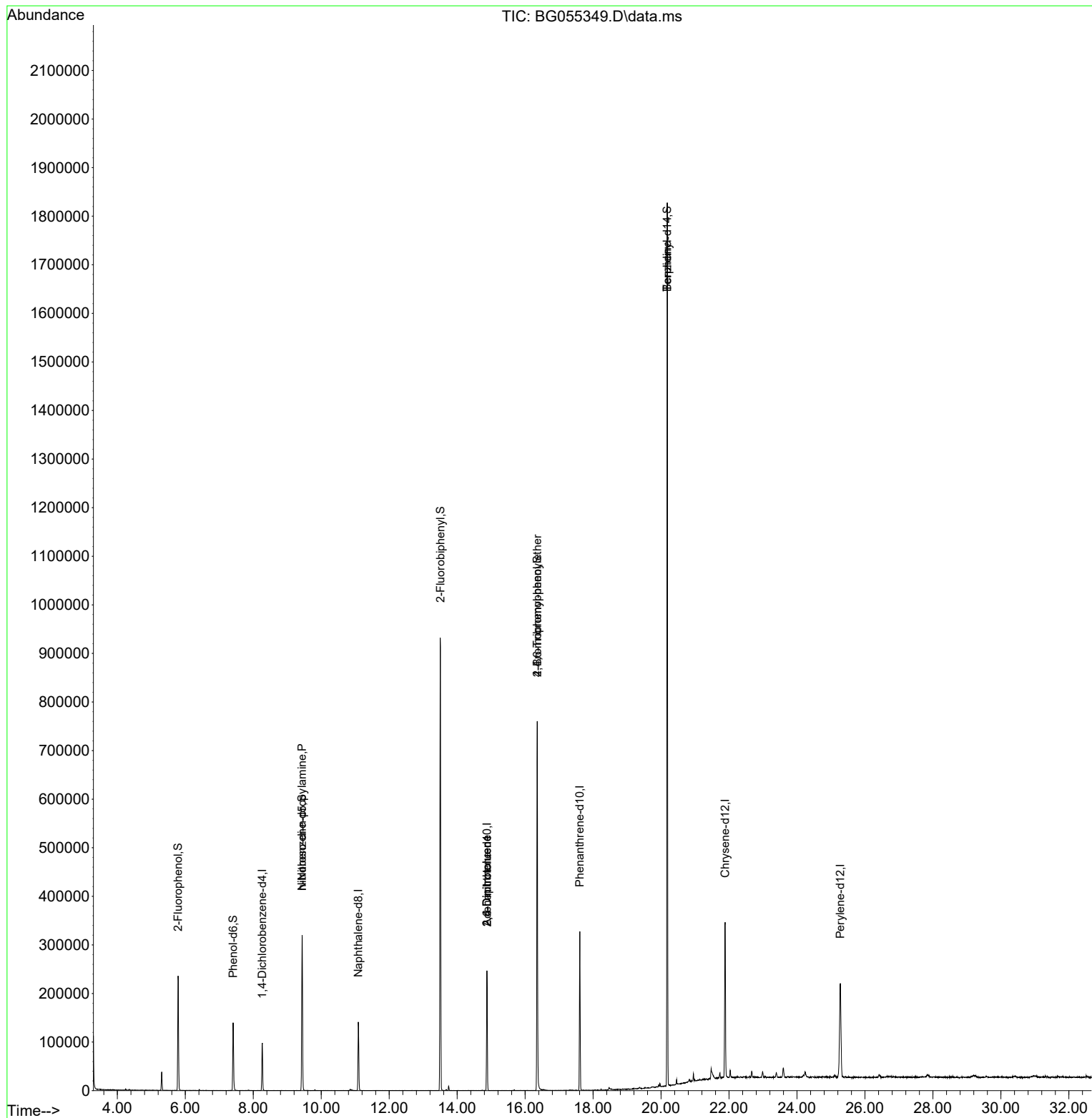
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	28821	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	123722	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	88098	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	202376	20.000	ng	0.00
76) Chrysene-d12	21.884	240	204493	20.000	ng	0.00
86) Perylene-d12	25.274	264	214169	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	109501	66.526	ng	0.00
7) Phenol-d6	7.407	99	88817	37.245	ng	0.00
23) Nitrobenzene-d5	9.434	82	206845	85.370	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	154721	161.554	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	495379	92.035	ng	0.00
79) Terphenyl-d14	20.180	244	880881	89.499	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.434	70	27157	13.714	ng	# 77
51) 2,6-Dinitrotoluene	14.875	165	10964	7.790	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	10964	5.368	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	10067	5.120	ng	# 1
77) Benzidine	20.180	184	12943	2.614	ng	# 91

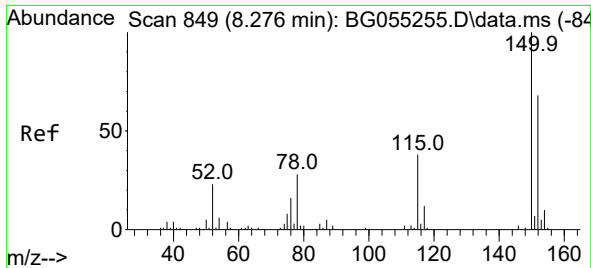
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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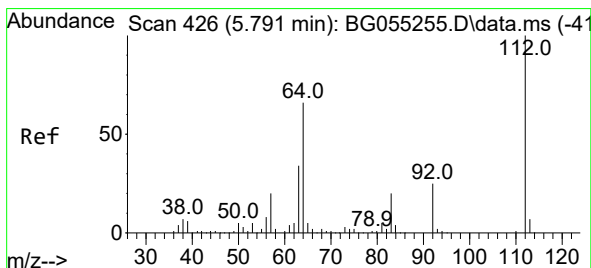
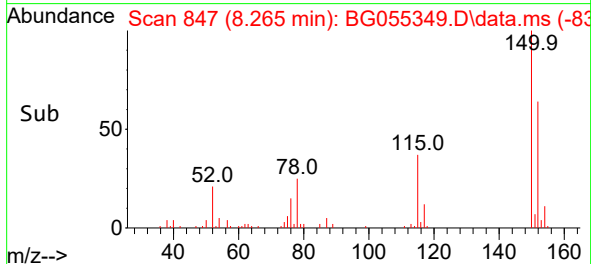
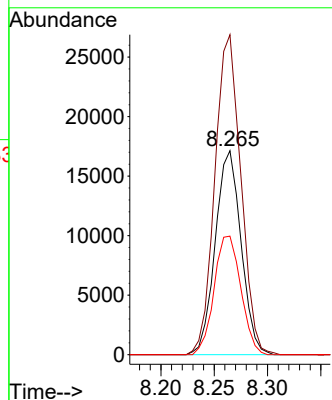
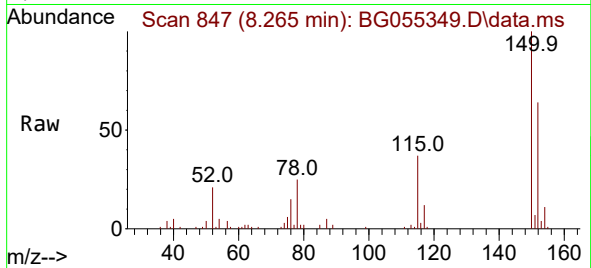




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

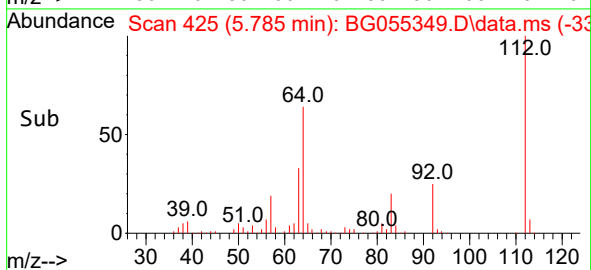
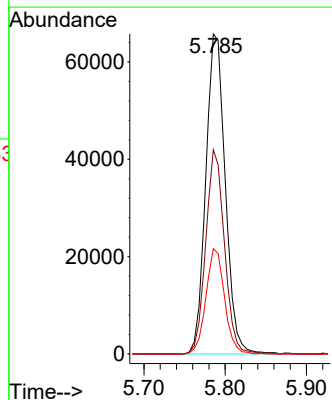
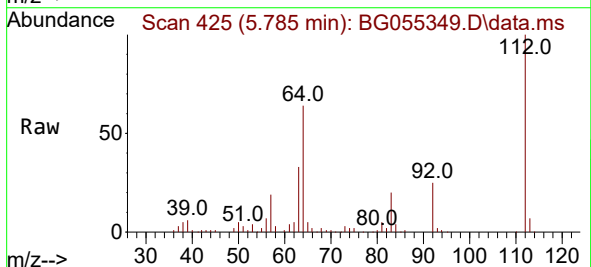
Instrument :
BNA_G
ClientSampleId :
252672-8

Tgt Ion:152 Resp: 28821
Ion Ratio Lower Upper
152 100
150 156.9 118.2 177.4
115 58.1 44.5 66.7



#5
2-Fluorophenol
Concen: 66.526 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

Tgt Ion:112 Resp: 109501
Ion Ratio Lower Upper
112 100
64 63.8 52.6 78.8
63 32.9 27.1 40.7

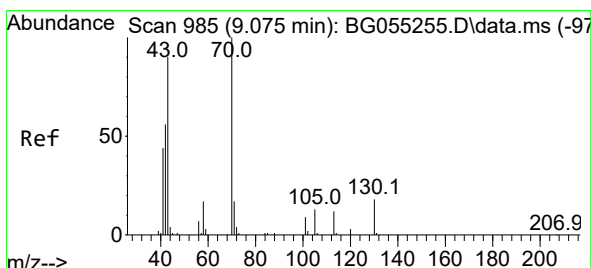
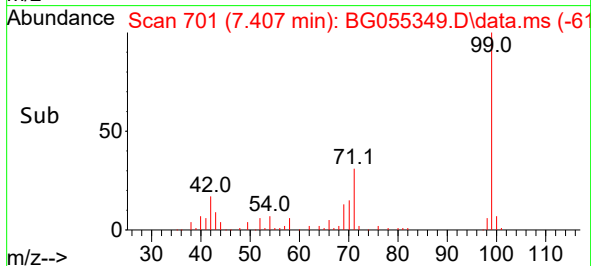
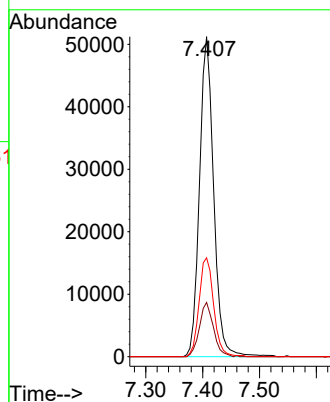
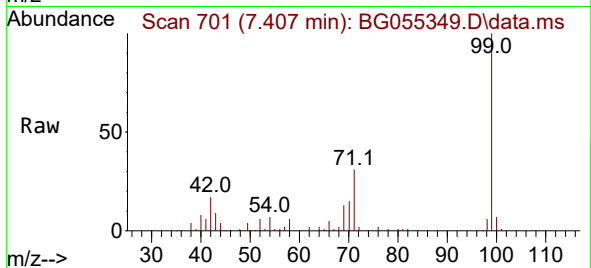




#7
Phenol-d6
Concen: 37.245 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

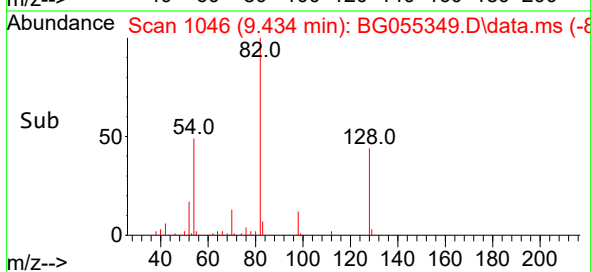
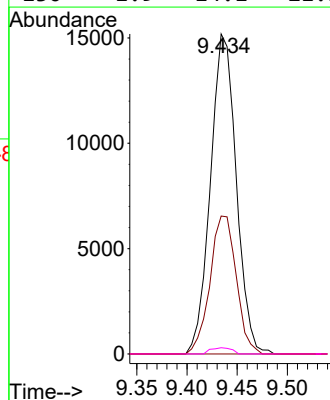
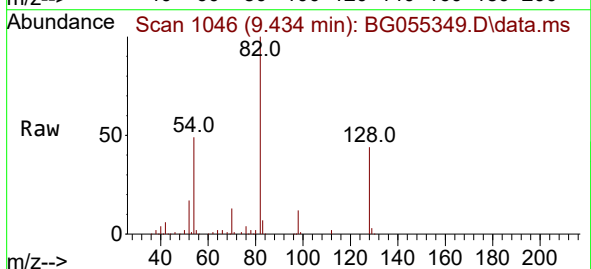
Instrument :
BNA_G
ClientSampleId :
252672-8

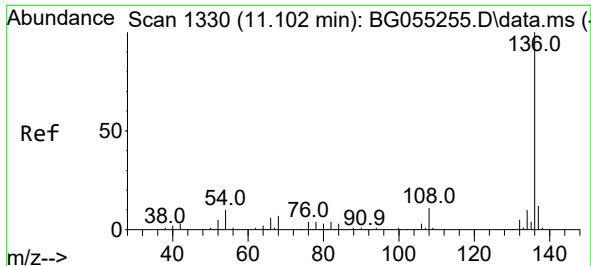
Tgt Ion: 99 Resp: 88817
Ion Ratio Lower Upper
99 100
42 16.9 15.2 22.8
71 30.9 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.714 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

Tgt Ion: 70 Resp: 27157
Ion Ratio Lower Upper
70 100
42 43.1 45.8 68.6#
101 0.0 7.4 11.0#
130 1.9 14.1 21.1#

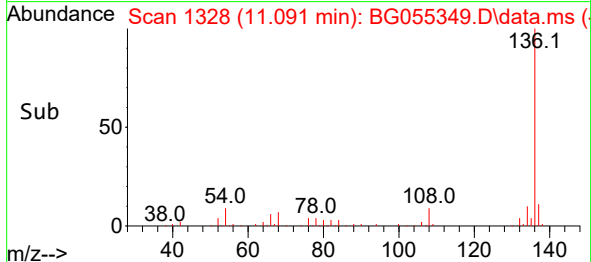
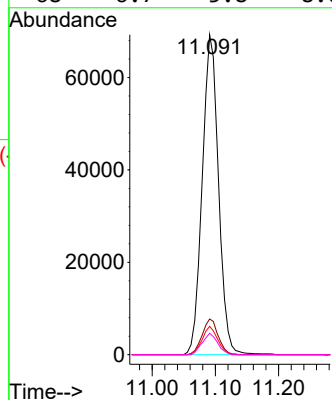
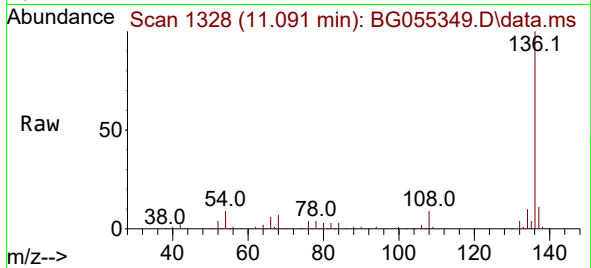




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

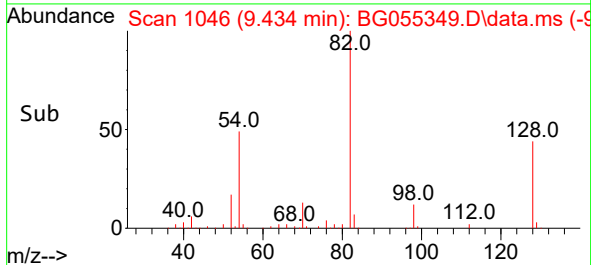
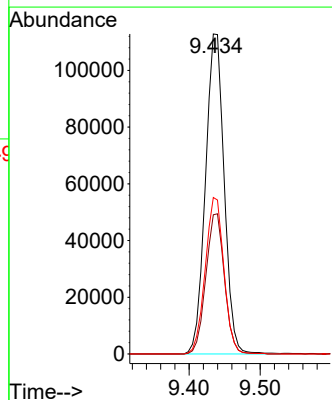
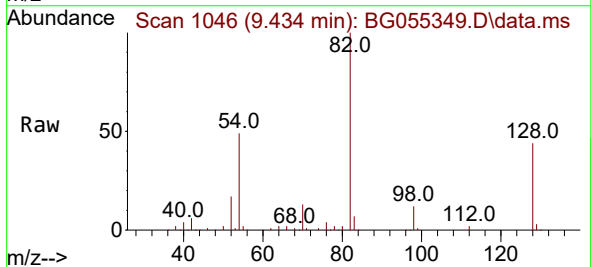
Instrument :
BNA_G
ClientSampleId :
252672-8

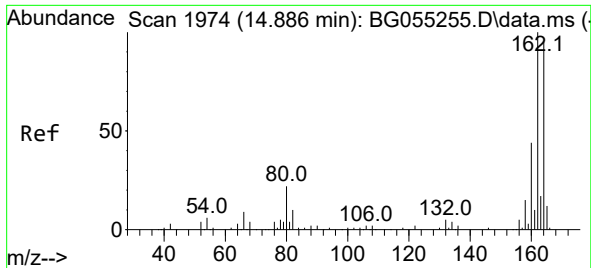
Tgt Ion:	136	Resp:	123722
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	8.9	7.8	11.8
68	6.7	5.8	8.6



#23
Nitrobenzene-d5
Concen: 85.370 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

Tgt Ion:	82	Resp:	206845
Ion	Ratio	Lower	Upper
82	100		
128	43.5	32.0	48.0
54	48.9	40.9	61.3

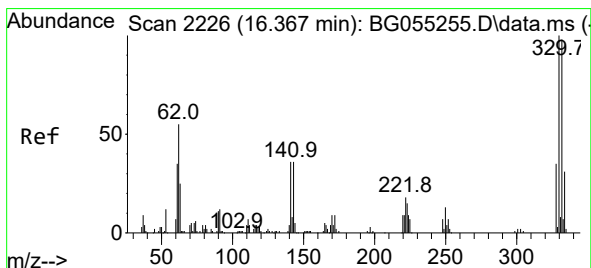
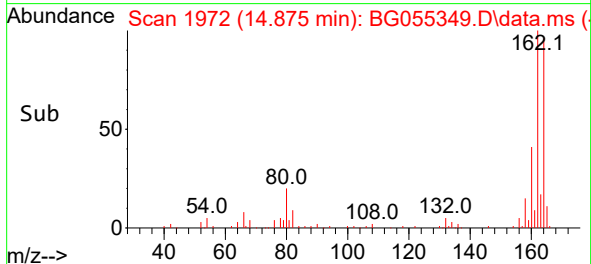
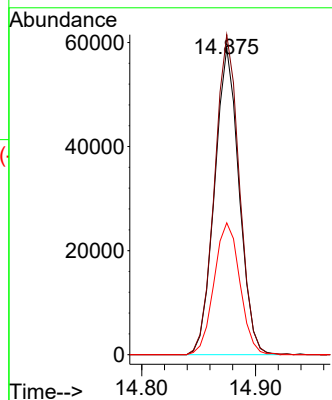
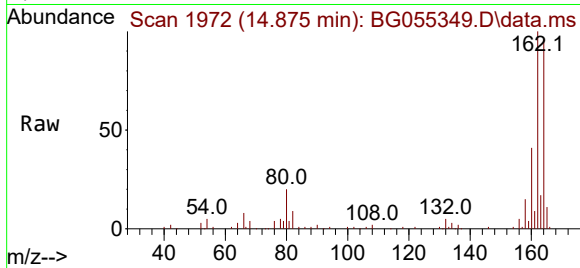




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

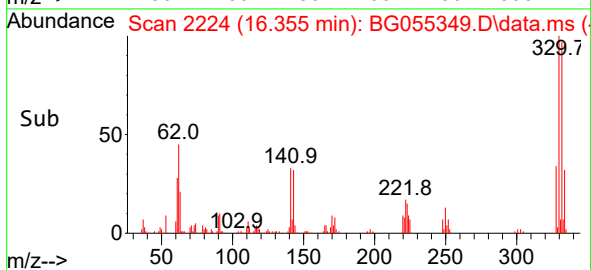
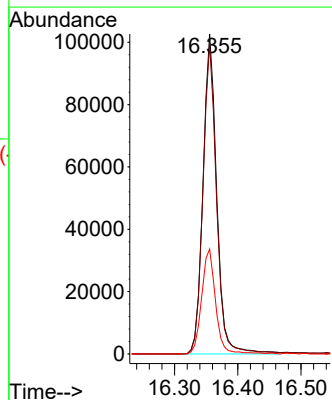
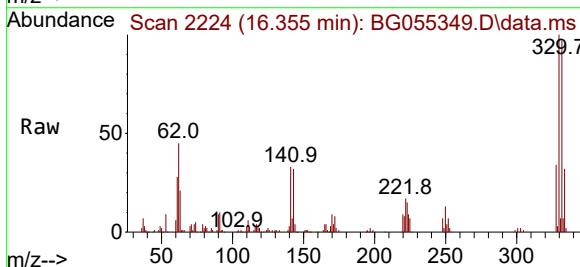
Instrument :
BNA_G
ClientSampleId :
252672-8

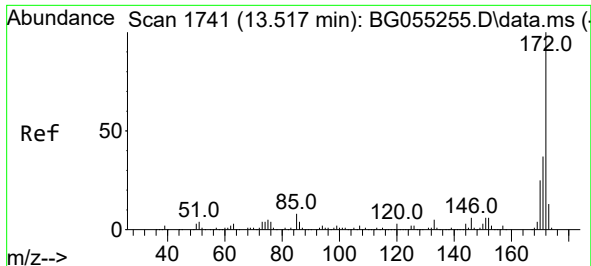
Tgt Ion:164 Resp: 88098
Ion Ratio Lower Upper
164 100
162 104.3 84.0 126.0
160 43.0 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 161.554 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

Tgt Ion:330 Resp: 154721
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 33.2 29.8 44.8

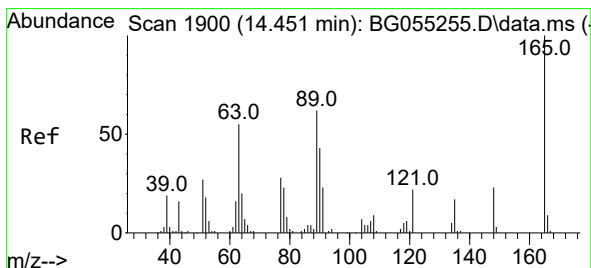
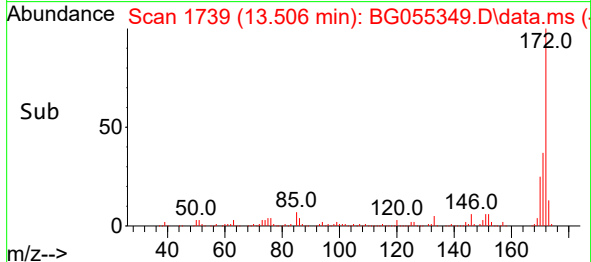
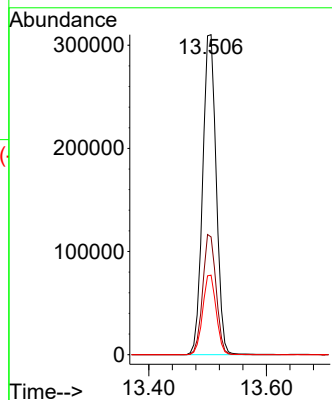
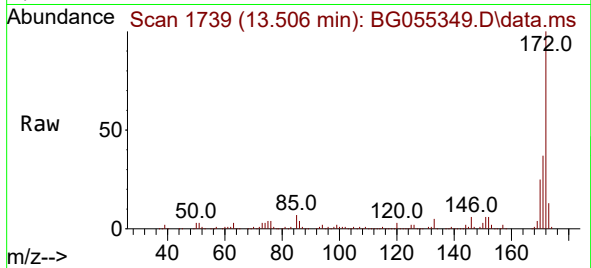




#45
 2-Fluorobiphenyl
 Concen: 92.035 ng
 RT: 13.506 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BG055349.D
 Acq: 28 Oct 2022 20:03

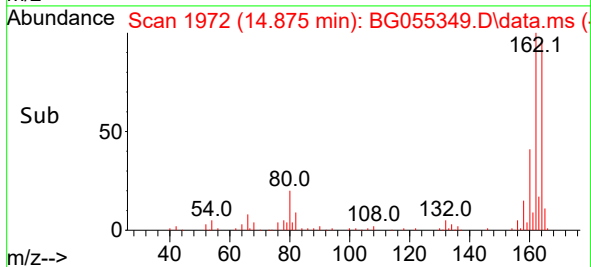
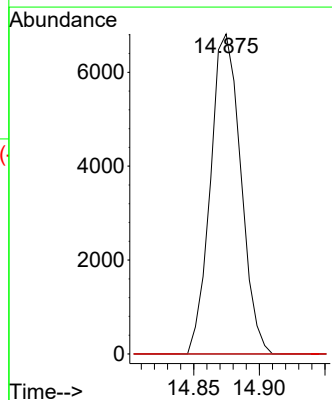
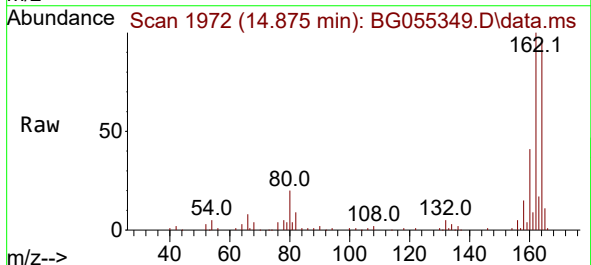
Instrument :
 BNA_G
 ClientSampleId :
 252672-8

Tgt Ion:172 Resp: 495379
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.7 44.5
 170 24.9 20.2 30.2



#51
 2,6-Dinitrotoluene
 Concen: 7.790 ng
 RT: 14.875 min Scan# 1972
 Delta R.T. 0.423 min
 Lab File: BG055349.D
 Acq: 28 Oct 2022 20:03

Tgt Ion:165 Resp: 10964
 Ion Ratio Lower Upper
 165 100
 63 0.0 49.2 73.8#
 89 0.0 49.9 74.9#





#57

2,4-Dinitrotoluene

Concen: 5.368 ng

RT: 14.875 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG055349.D

Acq: 28 Oct 2022 20:03

Instrument :

BNA_G

ClientSampleId :

252672-8

Tgt Ion:165 Resp: 10964

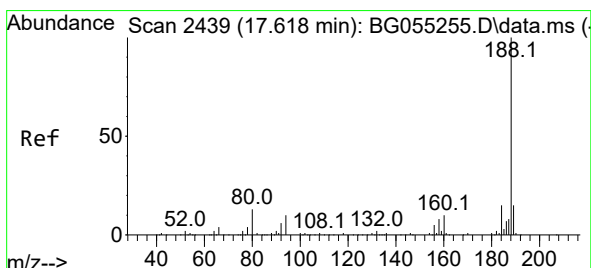
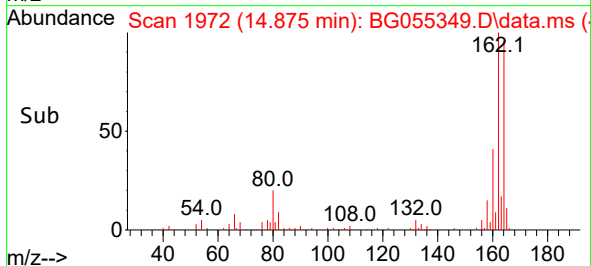
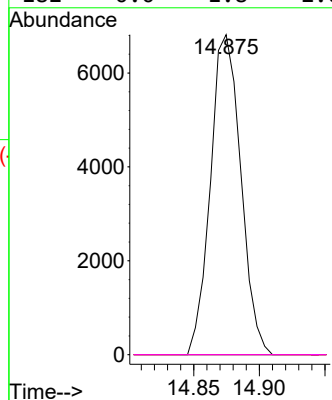
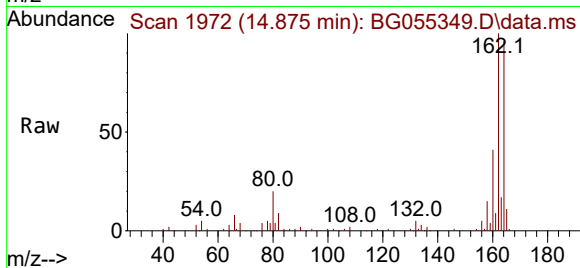
Ion Ratio Lower Upper

165 100

63 0.0 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: 17.607 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BG055349.D

Acq: 28 Oct 2022 20:03

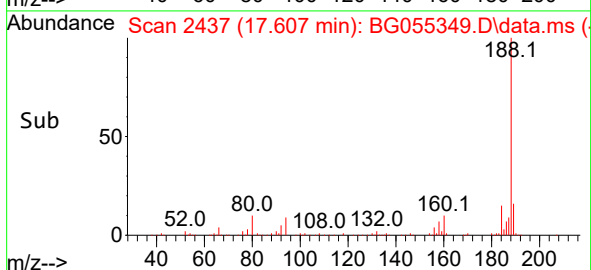
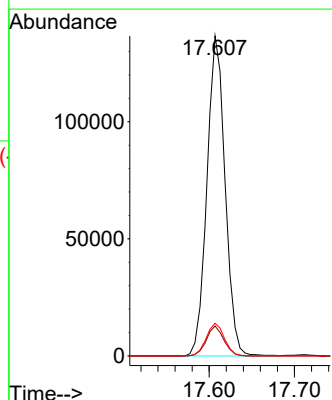
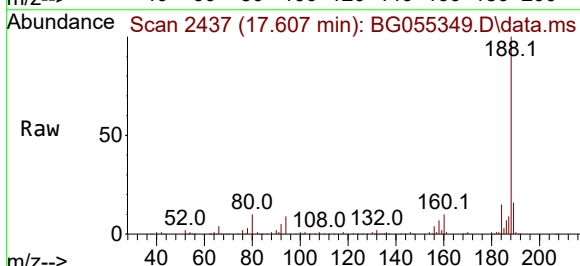
Tgt Ion:188 Resp: 202376

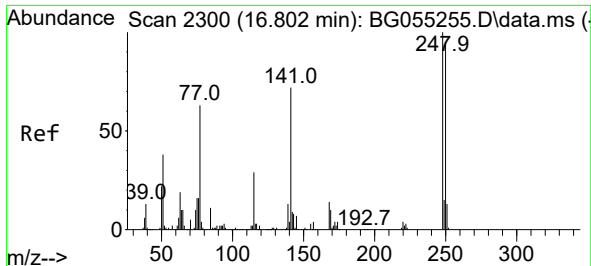
Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

80 10.2 10.1 15.1

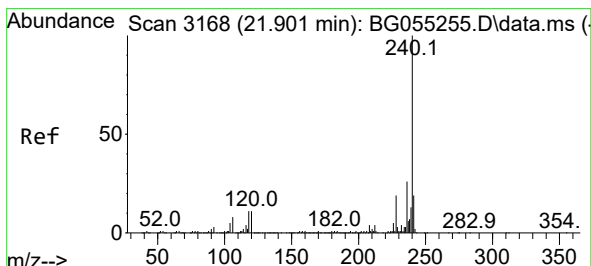
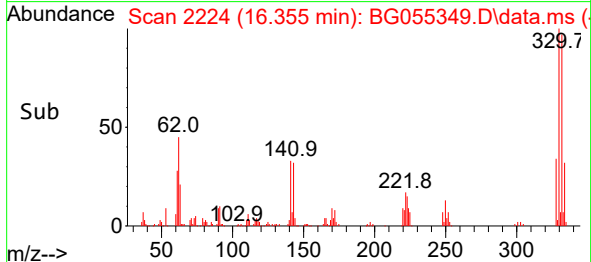
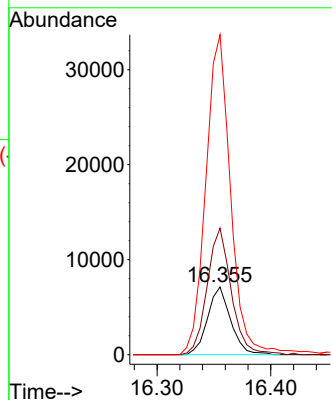
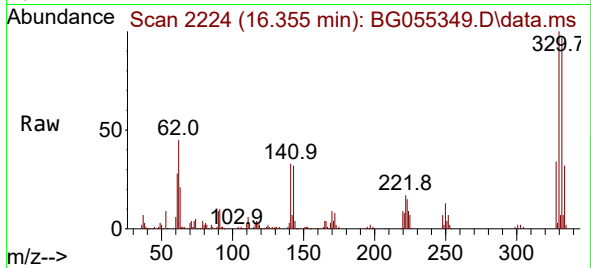




#67
4-Bromophenyl-phenylether
Concen: 5.120 ng
RT: 16.355 min Scan# 211
Delta R.T. -0.441 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

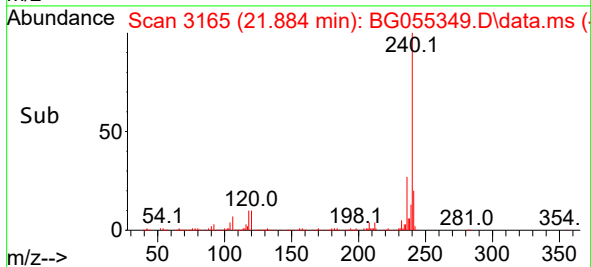
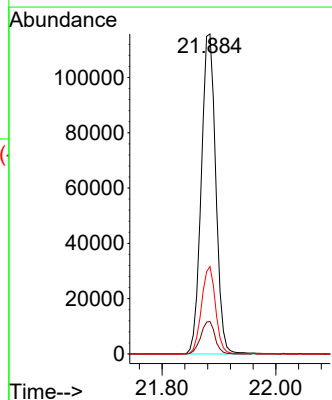
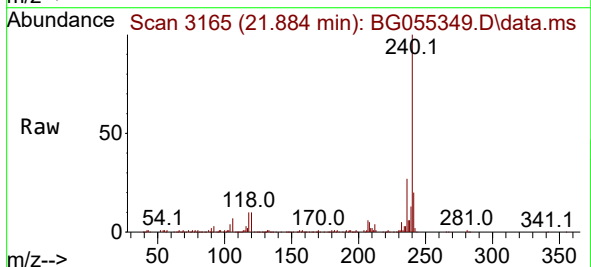
Instrument :
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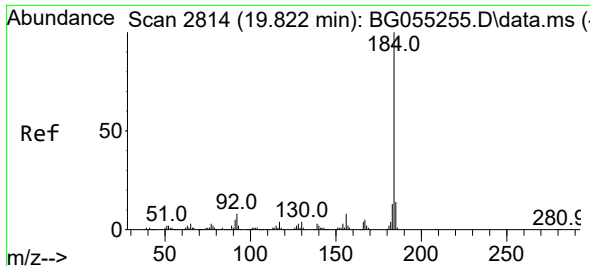
Tgt Ion:248 Resp: 10067
Ion Ratio Lower Upper
248 100
250 187.1 76.0 114.0#
141 473.0 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

Tgt Ion:240 Resp: 204493
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 27.3 21.0 31.4

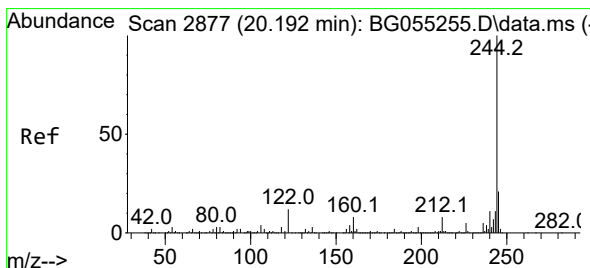
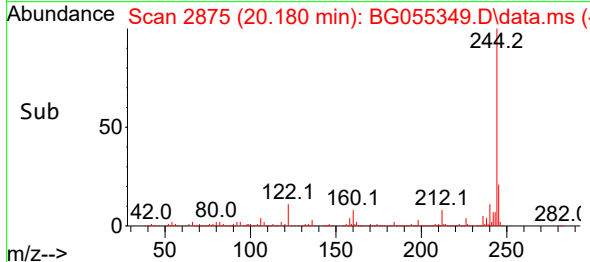
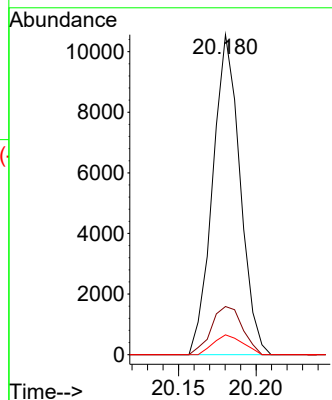
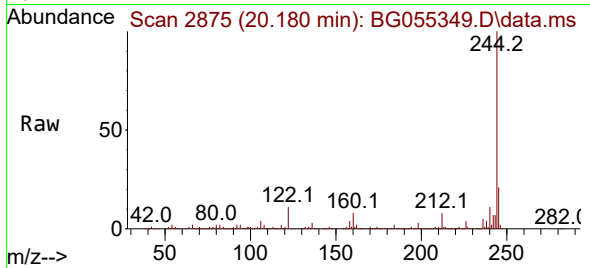




#77
Benzidine
Concen: 2.614 ng
RT: 20.180 min Scan# 21
Delta R.T. 0.364 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

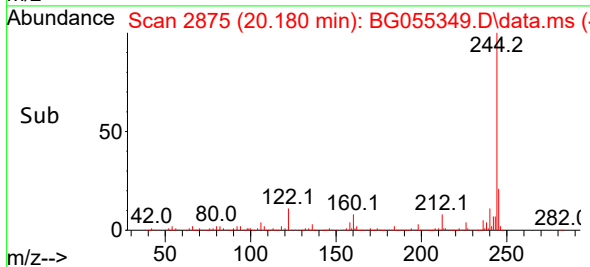
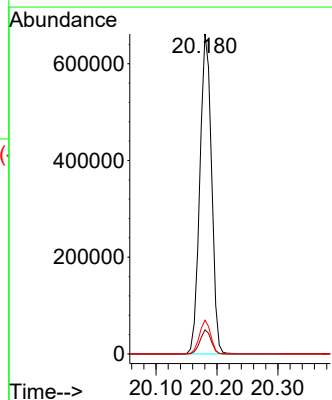
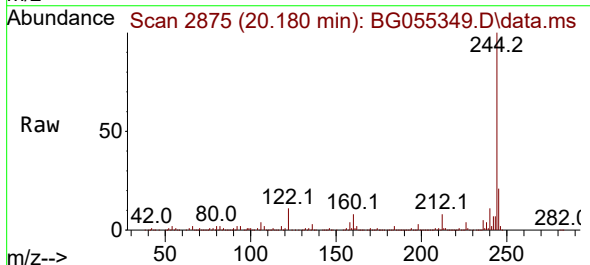
Instrument :
BNA_G
ClientSampleId :
252672-8

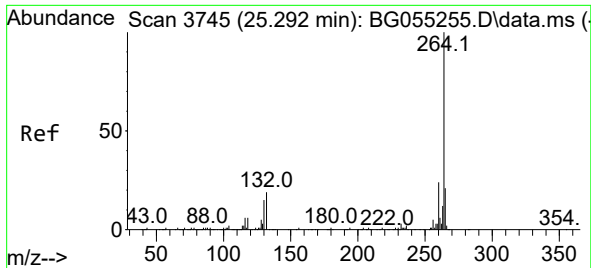
Tgt Ion:184 Resp: 12943
Ion Ratio Lower Upper
184 100
185 15.1 11.0 16.6
183 6.2 10.0 15.0#



#79
Terphenyl-d14
Concen: 89.499 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055349.D
Acq: 28 Oct 2022 20:03

Tgt Ion:244 Resp: 880881
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 10.6 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: BG055349.D
Acq: 28 Oct 2022 20:03

Instrument :
BNA_G
ClientSampleId :
252672-8

Tgt Ion:264 Resp: 214169
Ion Ratio Lower Upper
264 100
260 23.6 19.5 29.3
265 21.9 17.4 26.2

