

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102922\
 Data File : BG055365.D
 Acq On : 29 Oct 2022 14:43
 Operator : CG/JU
 Sample : N5272-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221103-COMP-02

Quant Time: Oct 31 02:43:38 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)

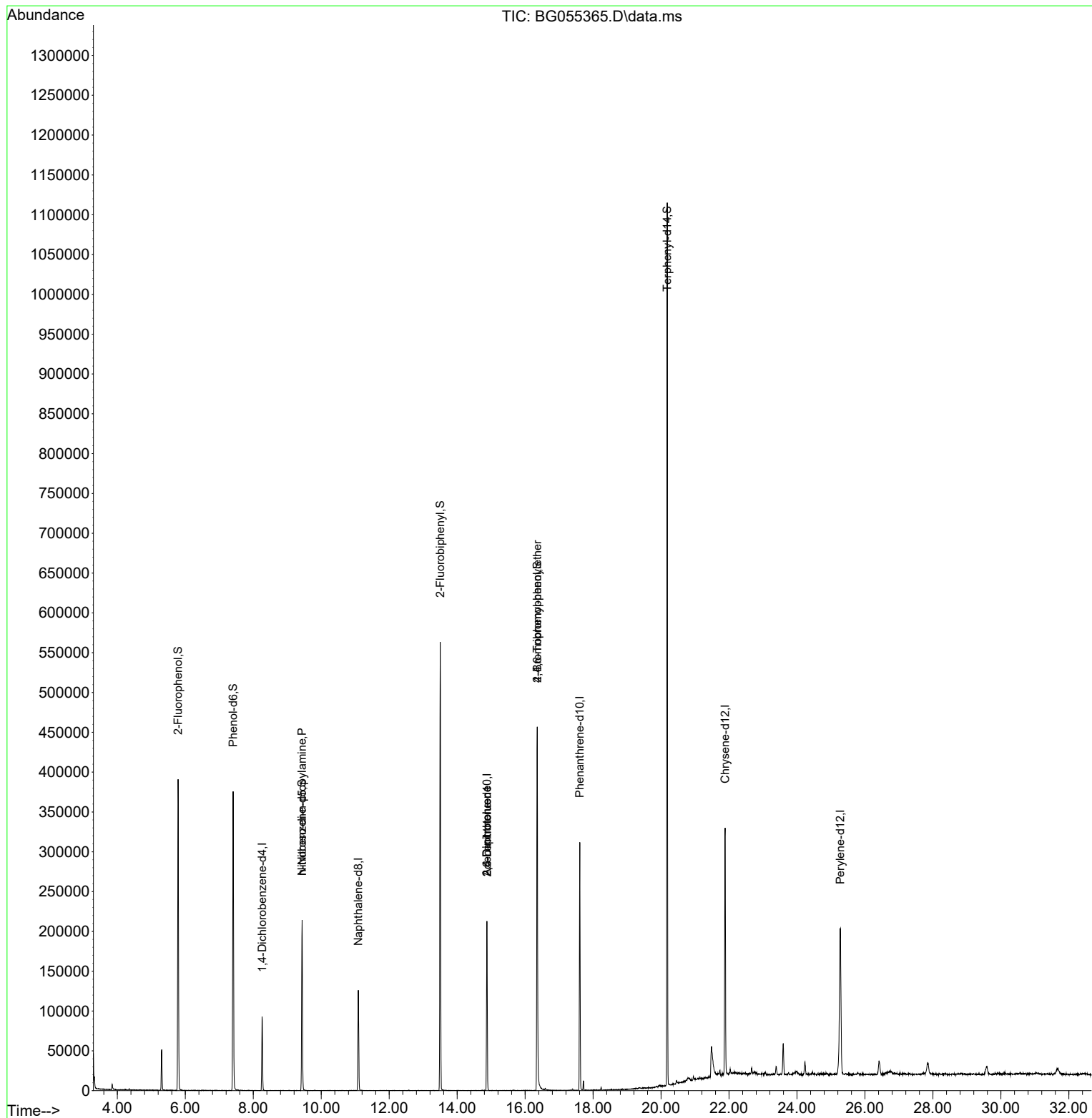
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	27426	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	113963	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	78672	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	192609	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	198220	20.000	ng	# 0.00
86) Perylene-d12	25.268	264	212094	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	182515	116.524	ng	0.00
7) Phenol-d6	7.407	99	235256	103.671	ng	0.00
23) Nitrobenzene-d5	9.434	82	137814	61.750	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	111089	129.893	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	301360	62.697	ng	-0.01
79) Terphenyl-d14	20.180	244	542089	56.820	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.434	70	18216	9.667	ng	# 75
51) 2,6-Dinitrotoluene	14.875	165	10089	8.027	ng	# 19
57) 2,4-Dinitrotoluene	14.875	165	10089	5.531	ng	# 18
67) 4-Bromophenyl-phenylether	16.355	248	6494	3.470	ng	# 1

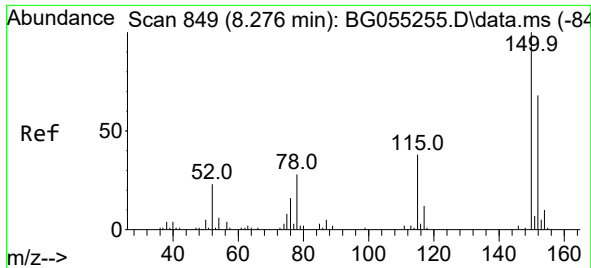
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 31 02:43:38 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

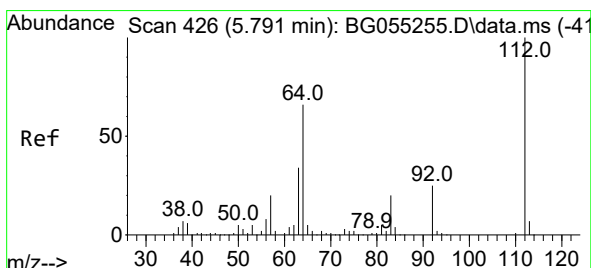
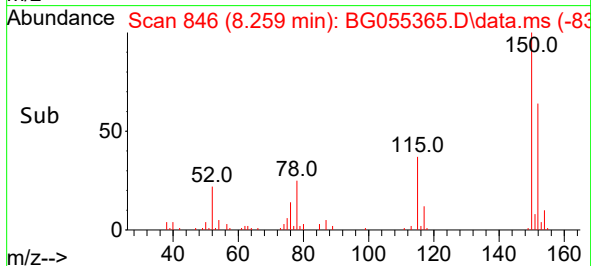
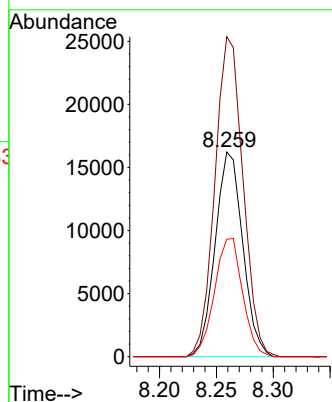
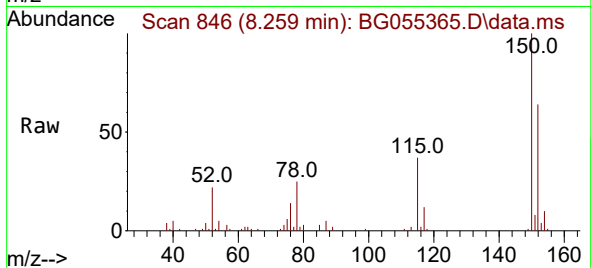




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

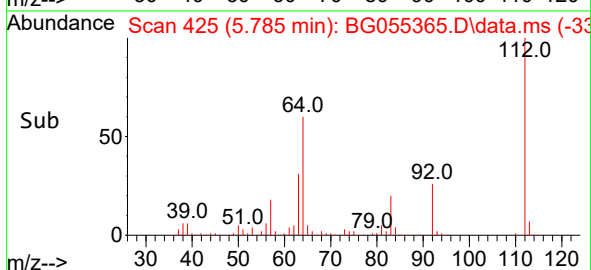
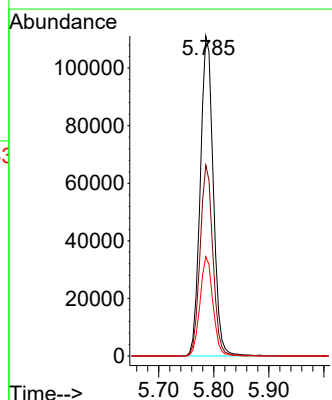
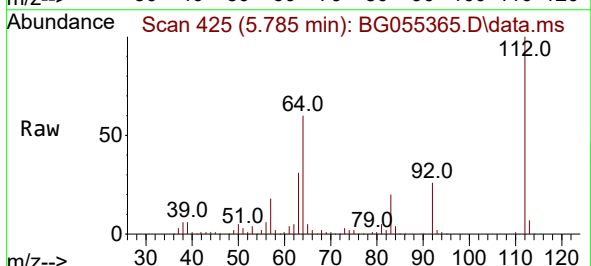
Instrument :
BNA_G
ClientSampleId :
20221103-COMP-02

Tgt Ion:152 Resp: 27426
Ion Ratio Lower Upper
152 100
150 156.4 118.2 177.4
115 57.4 44.5 66.7



#5
2-Fluorophenol
Concen: 116.524 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

Tgt Ion:112 Resp: 182515
Ion Ratio Lower Upper
112 100
64 59.6 52.6 78.8
63 31.1 27.1 40.7

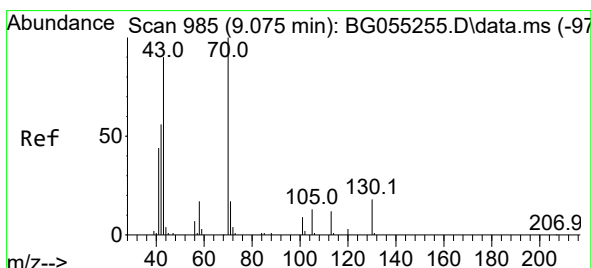
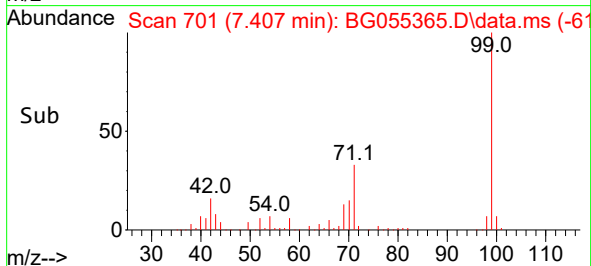
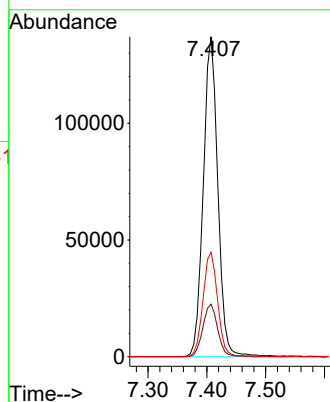
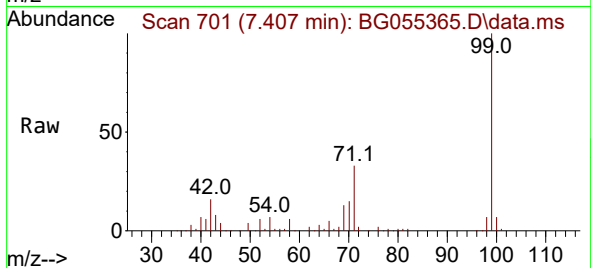




#7
Phenol-d6
Concen: 103.671 ng
RT: 7.407 min Scan# 702
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

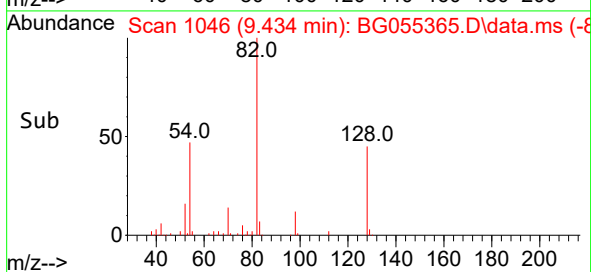
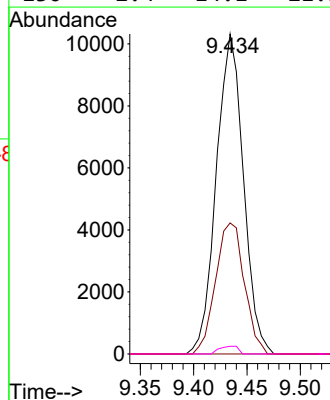
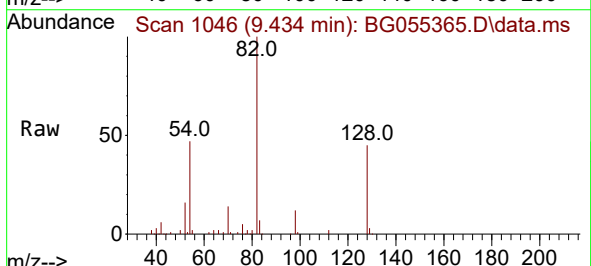
Instrument :
BNA_G
ClientSampleId :
20221103-COMP-02

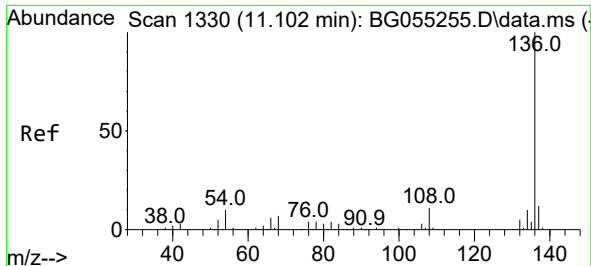
Tgt Ion: 99 Resp: 235256
Ion Ratio Lower Upper
99 100
42 16.4 15.2 22.8
71 32.6 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.667 ng
RT: 9.434 min Scan# 1046
Delta R.T. 0.364 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

Tgt Ion: 70 Resp: 18216
Ion Ratio Lower Upper
70 100
42 40.9 45.8 68.6#
101 0.0 7.4 11.0#
130 2.4 14.1 21.1#

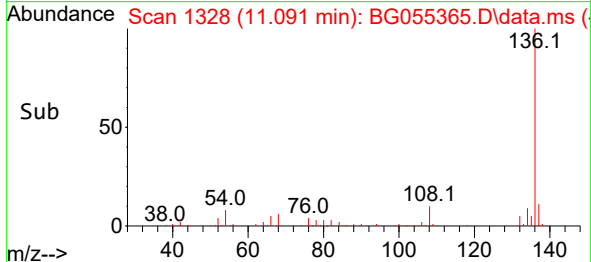
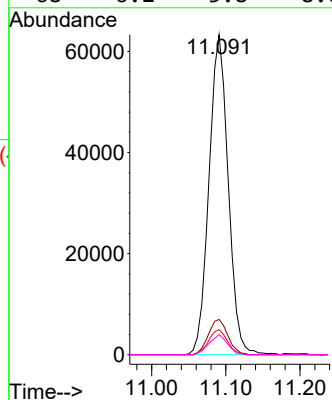
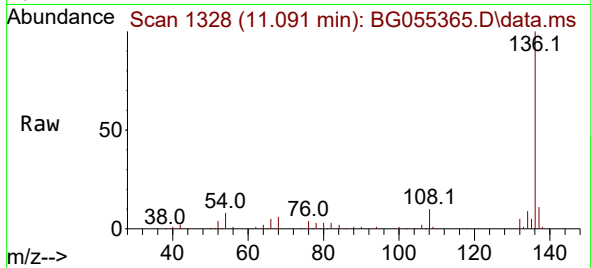




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

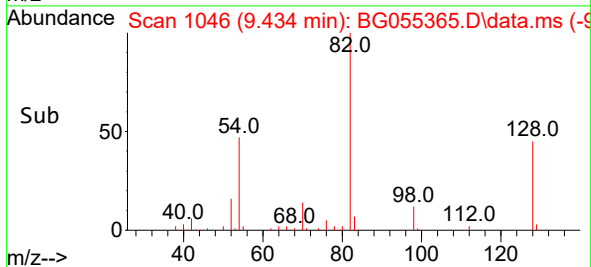
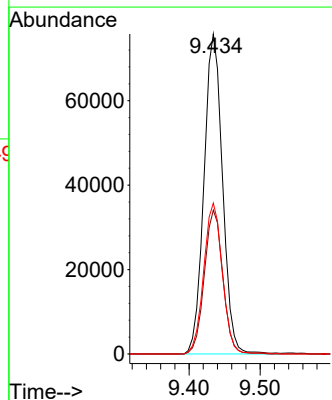
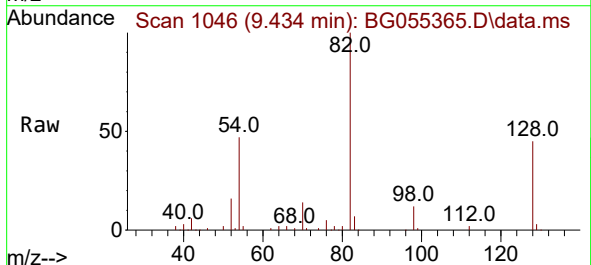
Instrument :
BNA_G
ClientSampleId :
20221103-COMP-02

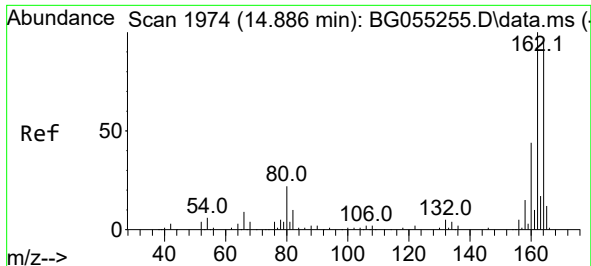
Tgt Ion:	136	Resp:	113963
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	7.9	7.8	11.8
68	6.2	5.8	8.6



#23
Nitrobenzene-d5
Concen: 61.750 ng
RT: 9.434 min Scan# 1046
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

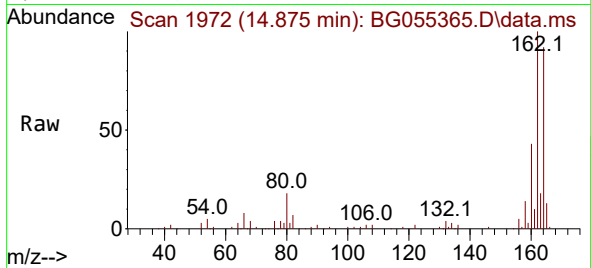
Tgt Ion:	82	Resp:	137814
Ion Ratio	Lower	Upper	
82	100		
128	45.0	32.0	48.0
54	47.2	40.9	61.3



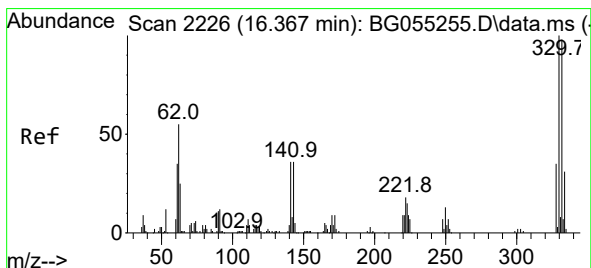
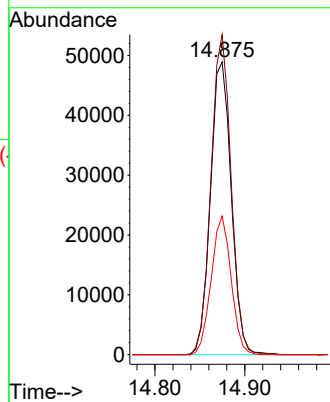
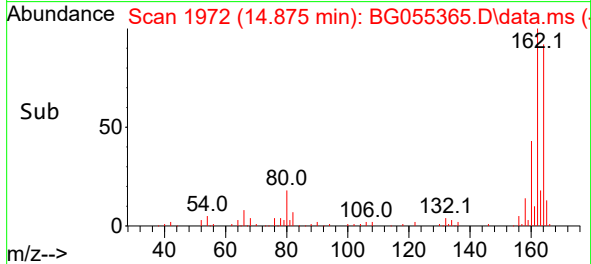


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

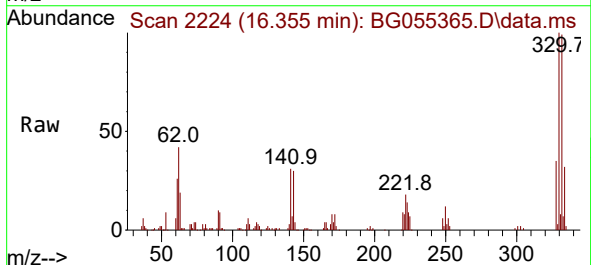
Instrument :
BNA_G
ClientSampleId :
20221103-COMP-02



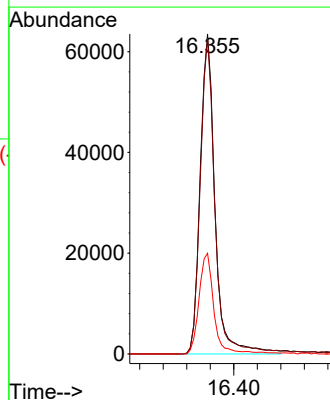
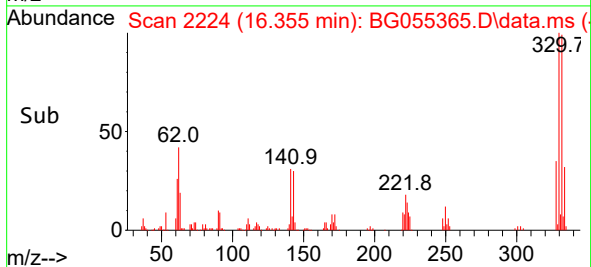
Tgt Ion:164 Resp: 78672
Ion Ratio Lower Upper
164 100
162 109.3 84.0 126.0
160 47.3 36.7 55.1

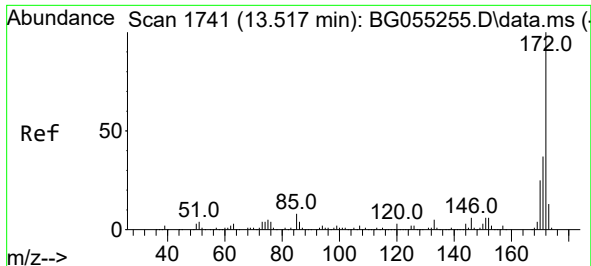


#42
2,4,6-Tribromophenol
Concen: 129.893 ng
RT: 16.355 min Scan# 2224
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43



Tgt Ion:330 Resp: 111089
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 31.7 29.8 44.8

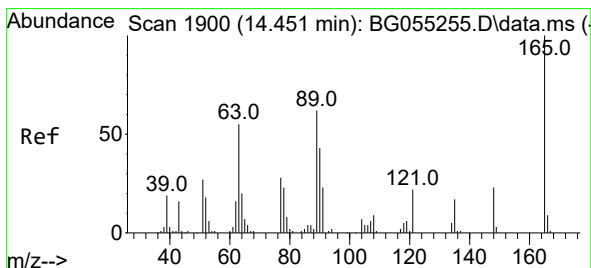
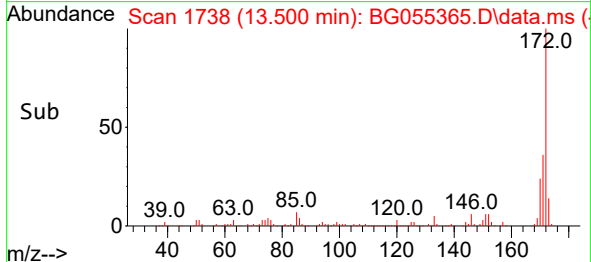
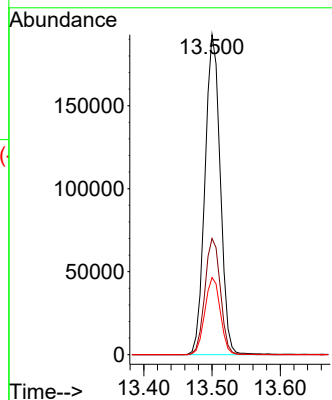
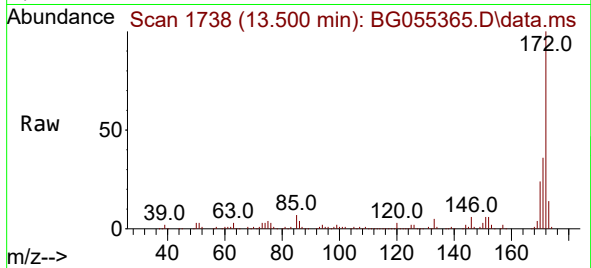




#45
2-Fluorobiphenyl
Concen: 62.697 ng
RT: 13.500 min Scan# 1
Delta R.T. -0.012 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

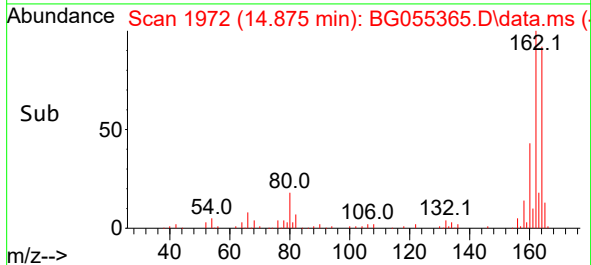
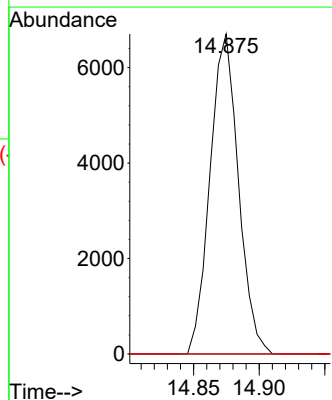
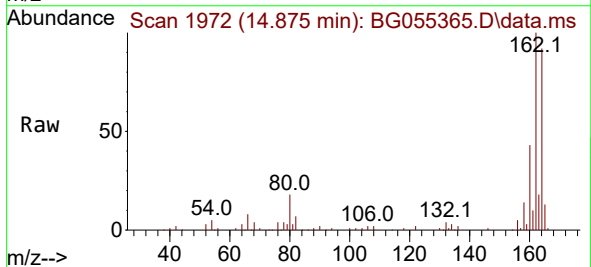
Instrument :
BNA_G
ClientSampleId :
20221103-COMP-02

Tgt Ion:172 Resp: 301360
Ion Ratio Lower Upper
172 100
171 36.3 29.7 44.5
170 24.1 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 8.027 ng
RT: 14.875 min Scan# 1972
Delta R.T. 0.423 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

Tgt Ion:165 Resp: 10089
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: 5.531 ng

RT: 14.875 min Scan# 14

Delta R.T. -0.358 min

Lab File: BG055365.D

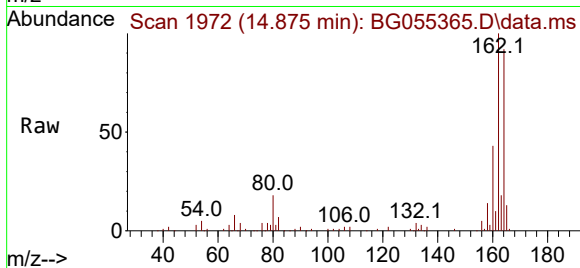
Acq: 29 Oct 2022 14:43

Instrument :

BNA_G

ClientSampleId :

20221103-COMP-02



Tgt Ion:165 Resp: 10089

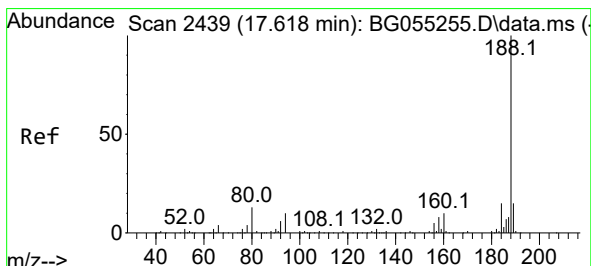
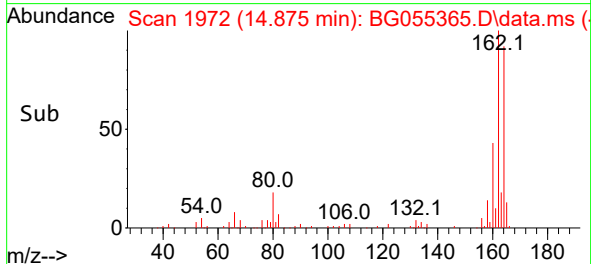
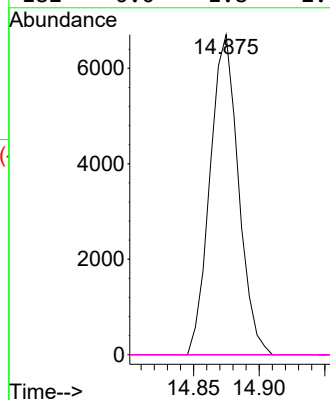
Ion Ratio Lower Upper

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: BG055365.D

Acq: 29 Oct 2022 14:43

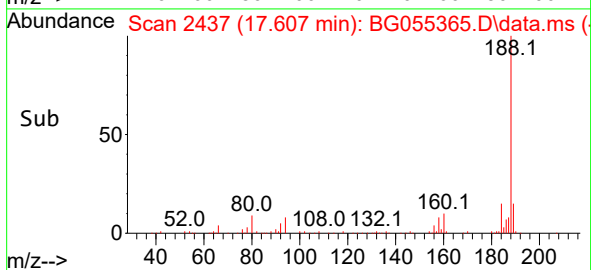
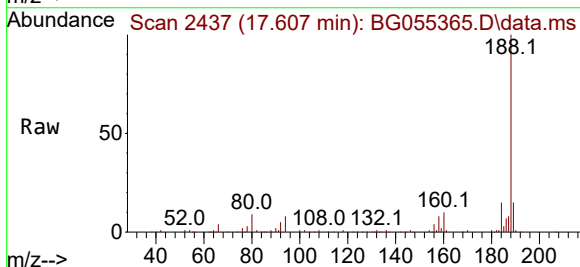
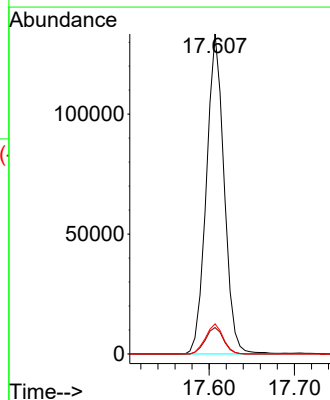
Tgt Ion:188 Resp: 192609

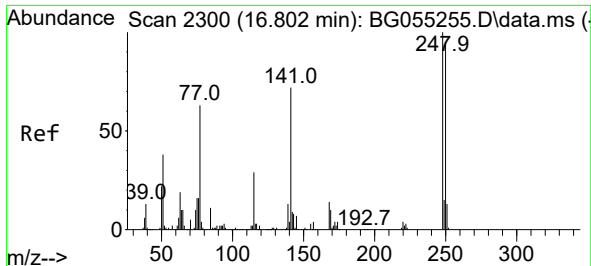
Ion Ratio Lower Upper

188 100

94 8.2 8.2 12.4

80 9.4 10.1 15.1#

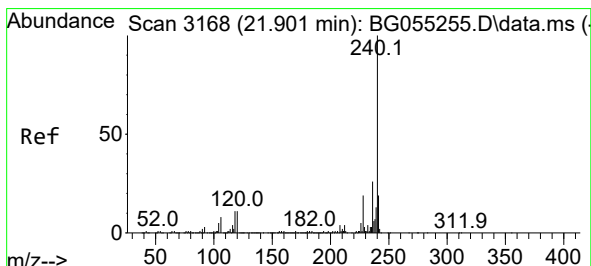
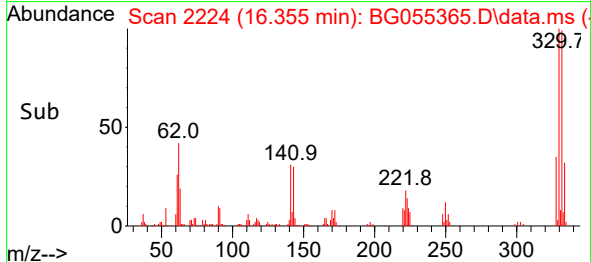
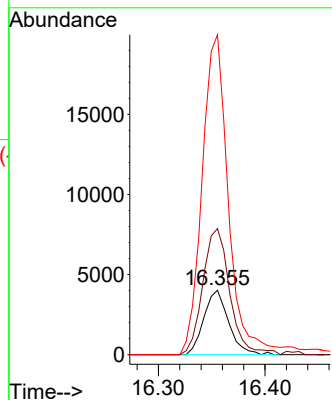
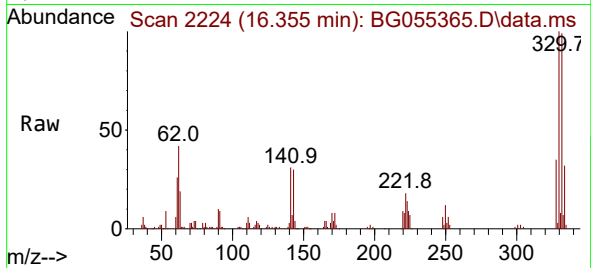




#67
4-Bromophenyl-phenylether
Concen: 3.470 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

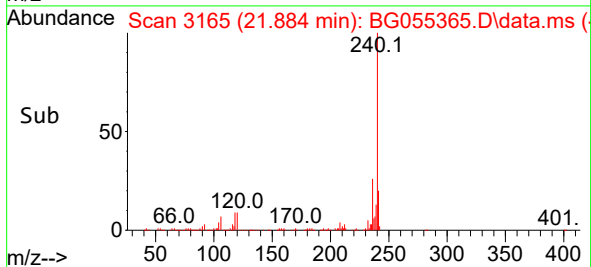
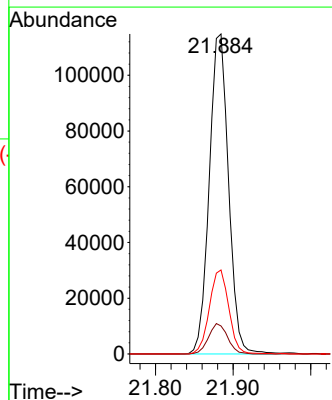
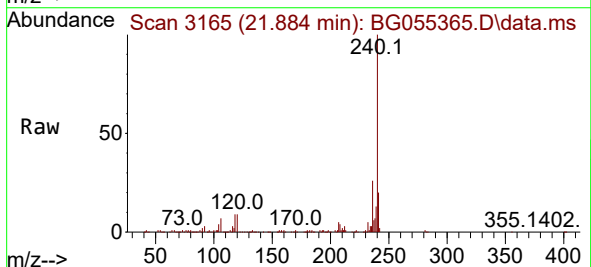
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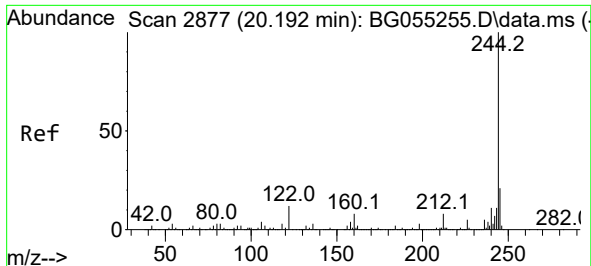
Tgt Ion:248 Resp: 6494
Ion Ratio Lower Upper
248 100
250 195.4 76.0 114.0#
141 496.1 58.0 87.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055365.D
Acq: 29 Oct 2022 14:43

Tgt Ion:240 Resp: 198220
Ion Ratio Lower Upper
240 100
120 8.8 8.9 13.3#
236 26.3 21.0 31.4

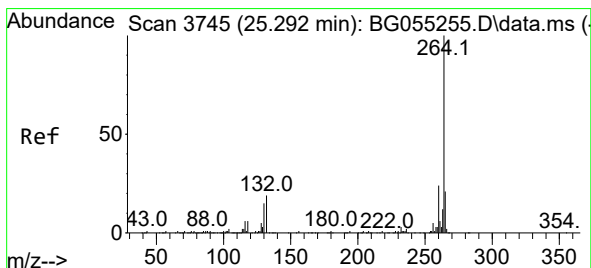
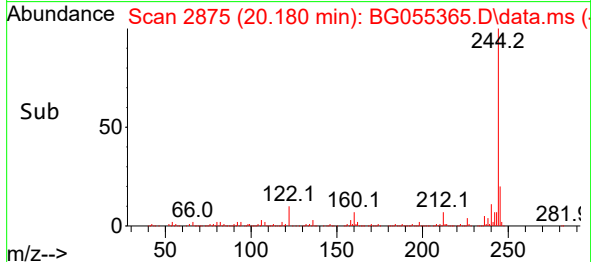
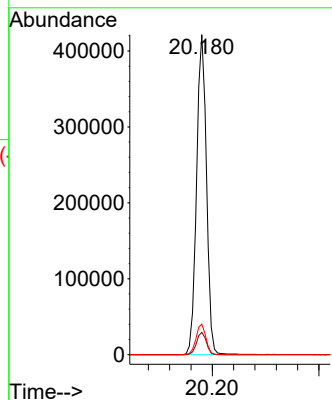
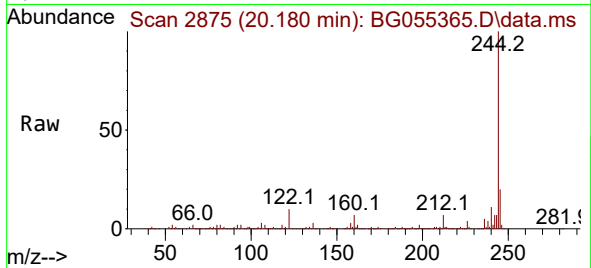




#79
 Terphenyl-d14
 Concen: 56.820 ng
 RT: 20.180 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055365.D
 Acq: 29 Oct 2022 14:43

Instrument :
 BNA_G
 ClientSampleId :
 20221103-COMP-02

Tgt Ion:244 Resp: 542089
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 9.5 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.268 min Scan# 3741
 Delta R.T. -0.018 min
 Lab File: BG055365.D
 Acq: 29 Oct 2022 14:43

Tgt Ion:264 Resp: 212094
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 22.4 17.4 26.2

