

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120622\
 Data File : BG055901.D
 Acq On : 6 Dec 2022 12:52
 Operator : CG/JU
 Sample : PB149379BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149376TB

Quant Time: Dec 07 05:09:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 07 05:04:10 2022
 Response via : Initial Calibration

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

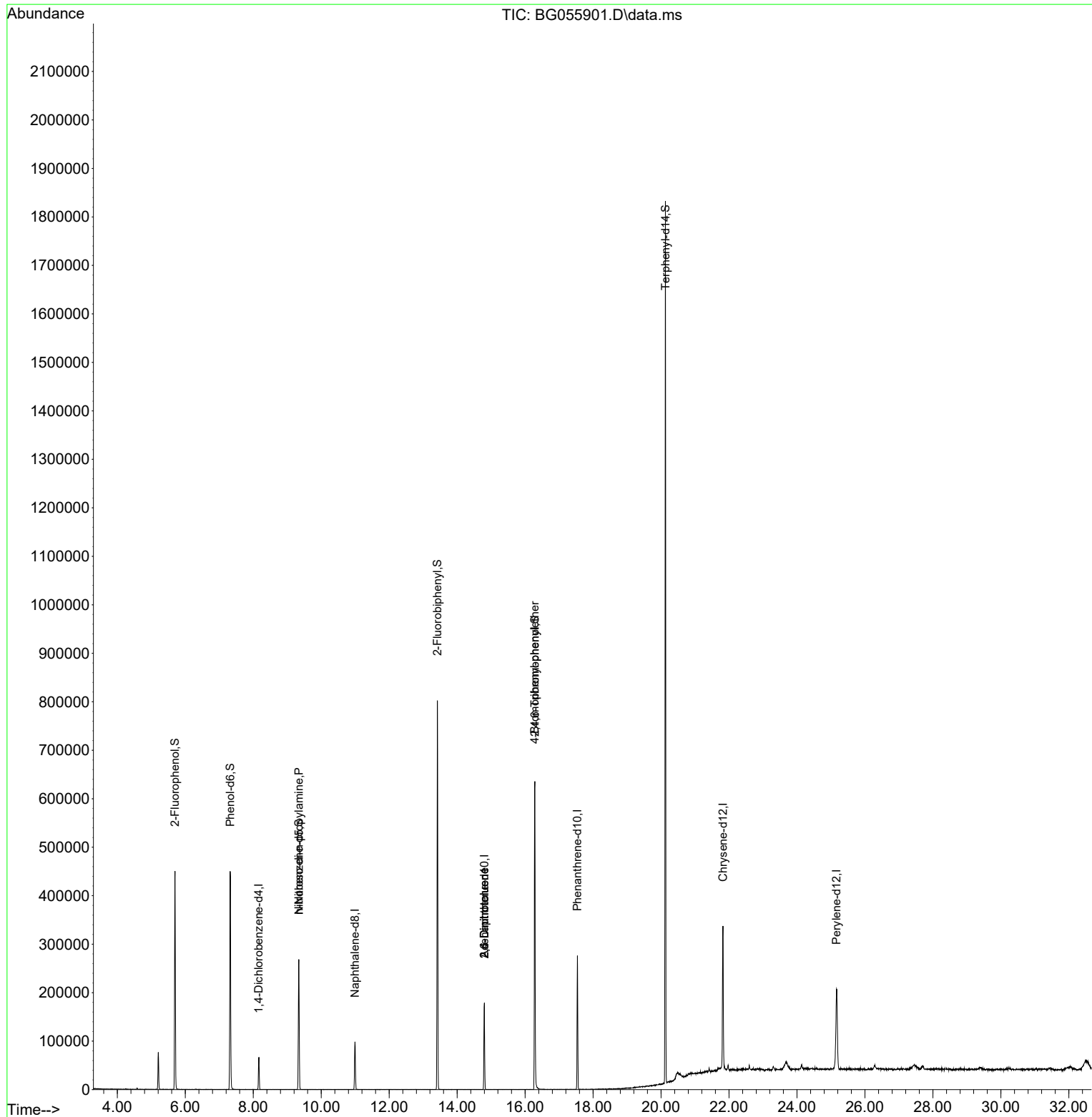
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	19265	20.000	ng	0.00
21) Naphthalene-d8	10.992	136	85601	20.000	ng	0.00
39) Acenaphthene-d10	14.800	164	66784	20.000	ng	0.00
64) Phenanthrene-d10	17.538	188	176481	20.000	ng	0.00
76) Chrysene-d12	21.821	240	180718	20.000	ng	0.00
86) Perylene-d12	25.164	264	187789	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.699	112	185335	173.889	ng	0.00
7) Phenol-d6	7.320	99	244831	172.564	ng	0.00
23) Nitrobenzene-d5	9.341	82	154113	95.158	ng	0.00
42) 2,4,6-Tribromophenol	16.286	330	139429	148.265	ng	0.00
45) 2-Fluorobiphenyl	13.419	172	406764	91.247	ng	0.00
79) Terphenyl-d14	20.129	244	880769	97.481	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.341	70	21641	19.852	ng	# 80
51) 2,6-Dinitrotoluene	14.800	165	8525	7.832	ng	# 24
57) 2,4-Dinitrotoluene	14.800	165	8525	5.555	ng	# 22
67) 4-Bromophenyl-phenylether	16.280	248	8946	4.449	ng	# 1

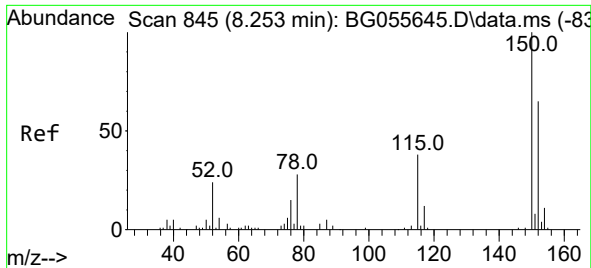
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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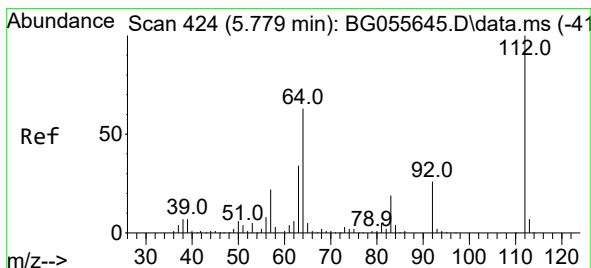
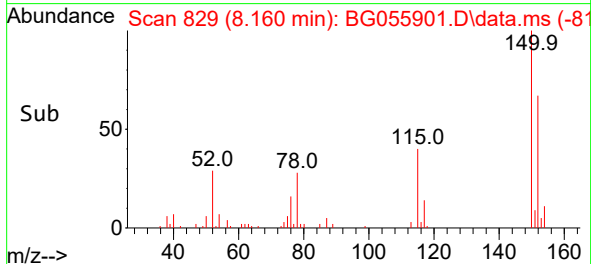
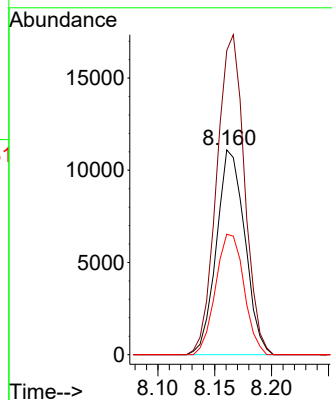
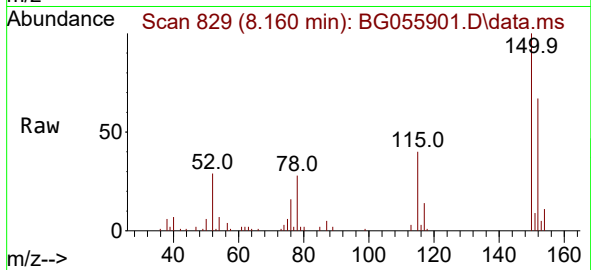




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.160 min Scan# 81
Delta R.T. -0.002 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

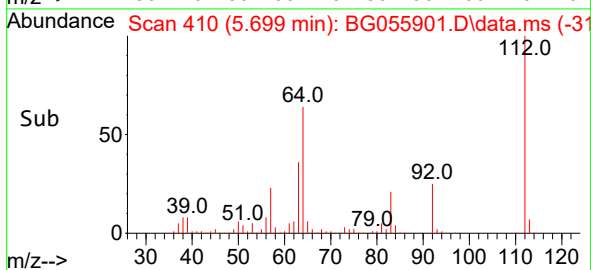
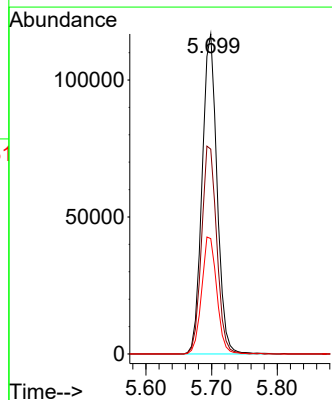
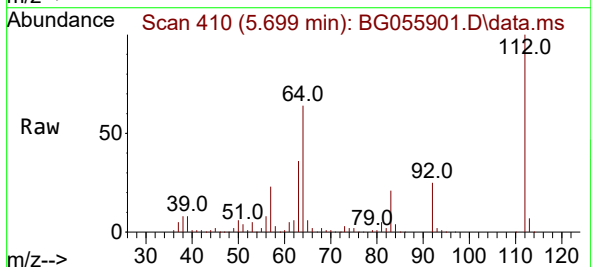
Instrument :
BNA_G
ClientSampleId :
PB149376TB

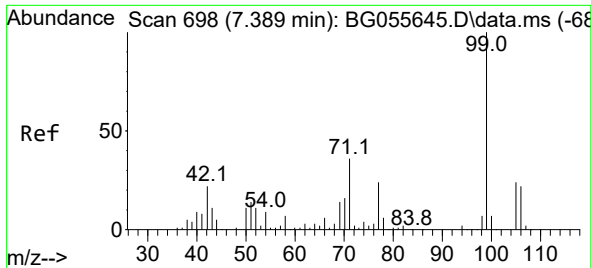
Tgt Ion:152 Resp: 19265
Ion Ratio Lower Upper
152 100
150 148.6 123.0 184.6
115 58.9 47.0 70.4



#5
2-Fluorophenol
Concen: 173.889 ng
RT: 5.699 min Scan# 410
Delta R.T. 0.004 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

Tgt Ion:112 Resp: 185335
Ion Ratio Lower Upper
112 100
64 64.0 50.6 76.0
63 36.1 27.5 41.3

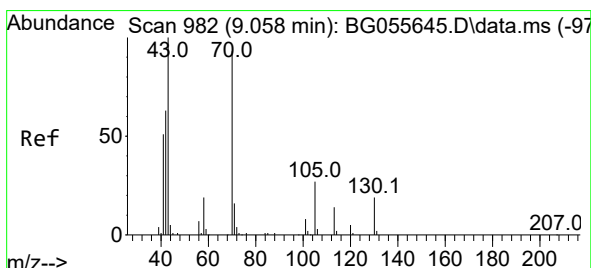
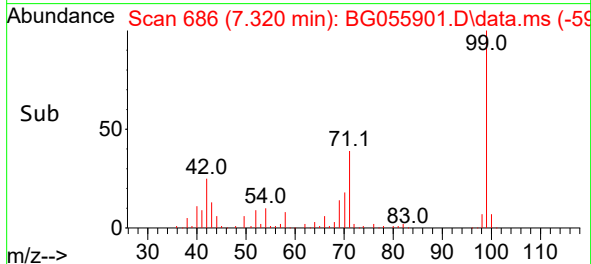
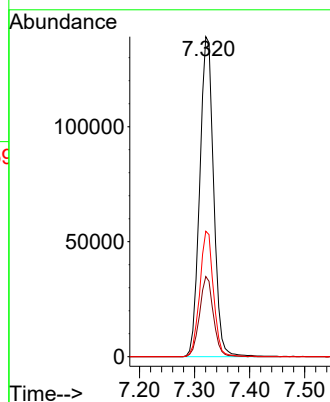
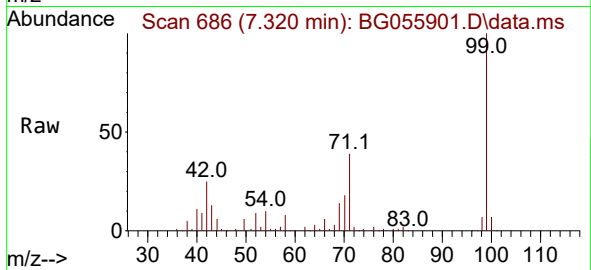




#7
Phenol-d6
Concen: 172.564 ng
RT: 7.320 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

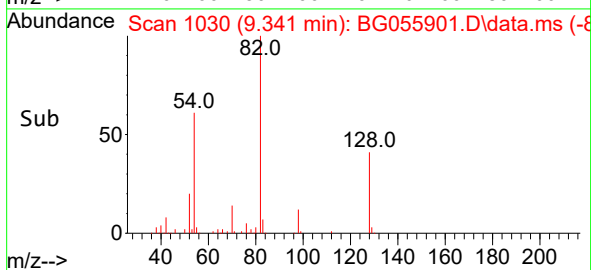
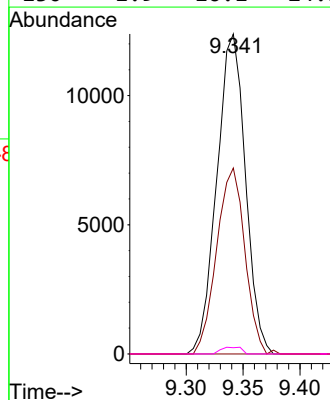
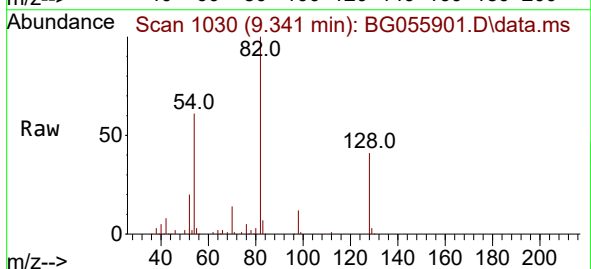
Instrument :
BNA_G
ClientSampleId :
PB149376TB

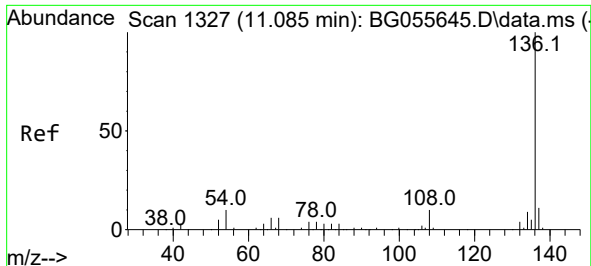
Tgt Ion: 99 Resp: 244831
Ion Ratio Lower Upper
99 100
42 25.0 18.0 27.0
71 39.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 19.852 ng
RT: 9.341 min Scan# 1030
Delta R.T. 0.369 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

Tgt Ion: 70 Resp: 21641
Ion Ratio Lower Upper
70 100
42 58.1 55.2 82.8
101 0.0 7.1 10.7#
130 1.9 16.1 24.1#

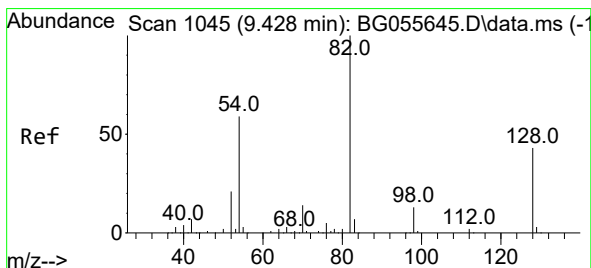
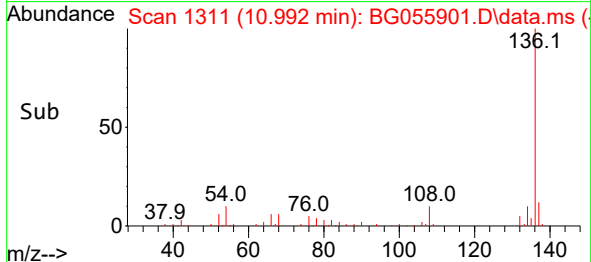
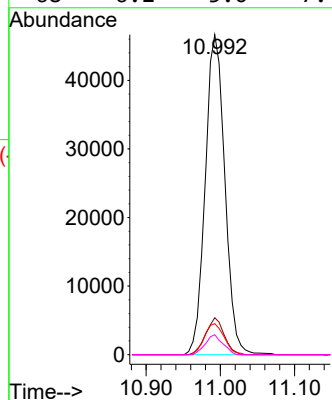
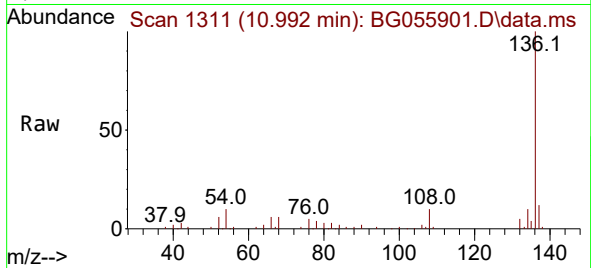




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.992 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

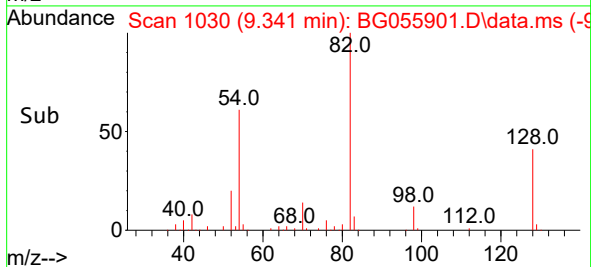
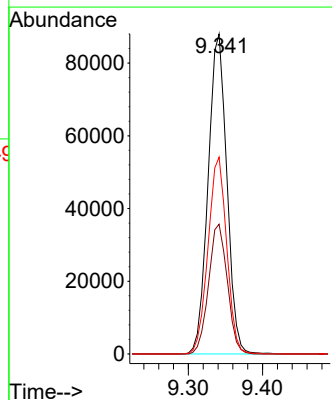
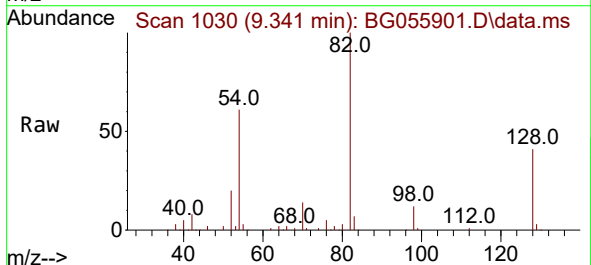
Instrument :
BNA_G
ClientSampleId :
PB149376TB

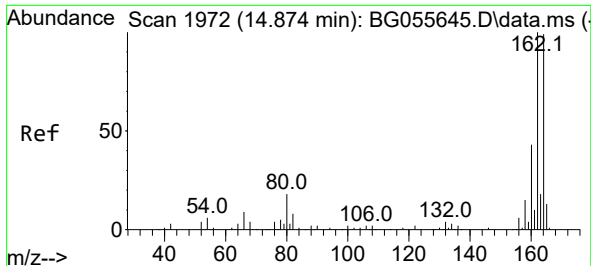
Tgt Ion:	136	Resp:	85601
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.0	13.6
54	9.7	7.8	11.6
68	6.2	5.0	7.4



#23
Nitrobenzene-d5
Concen: 95.158 ng
RT: 9.341 min Scan# 1030
Delta R.T. -0.002 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

Tgt Ion:	82	Resp:	154113
Ion Ratio	Lower	Upper	
82	100		
128	40.6	34.1	51.1
54	61.5	47.3	70.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.800 min Scan# 1959

Delta R.T. -0.002 min

Lab File: BG055901.D

Acq: 6 Dec 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149376TB

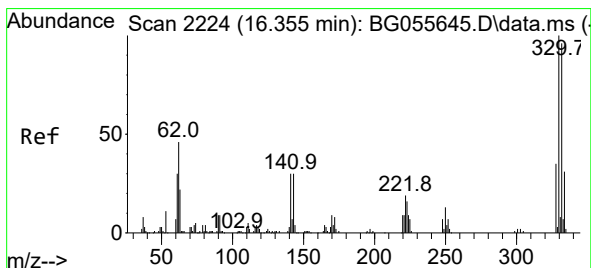
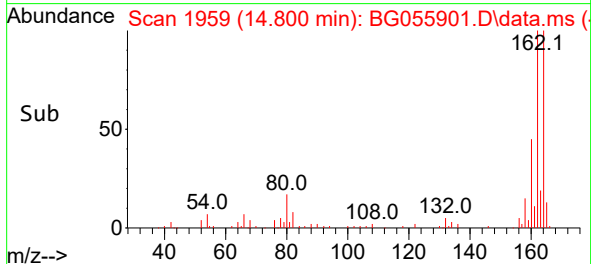
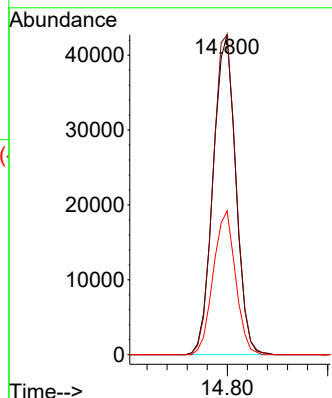
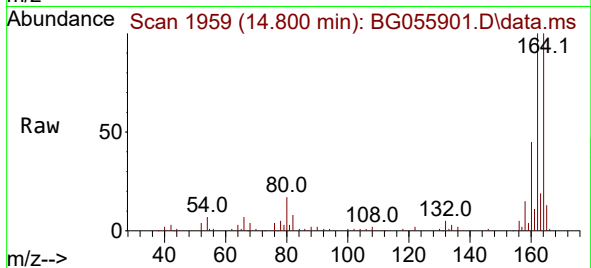
Tgt Ion:164 Resp: 66784

Ion Ratio Lower Upper

164 100

162 100.0 81.1 121.7

160 44.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 148.265 ng

RT: 16.286 min Scan# 2212

Delta R.T. -0.002 min

Lab File: BG055901.D

Acq: 6 Dec 2022 12:52

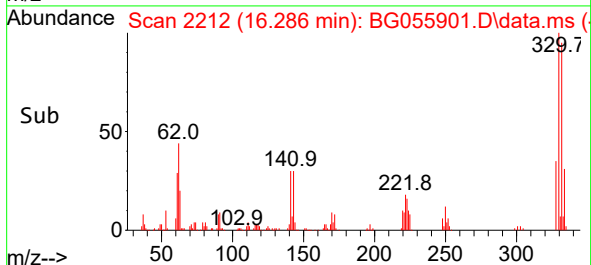
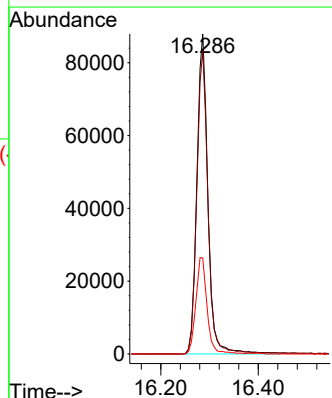
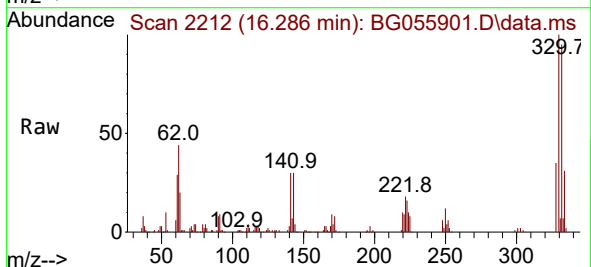
Tgt Ion:330 Resp: 139429

Ion Ratio Lower Upper

330 100

332 94.8 77.8 116.8

141 30.5 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 91.247 ng

RT: 13.419 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG055901.D

Acq: 6 Dec 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149376TB

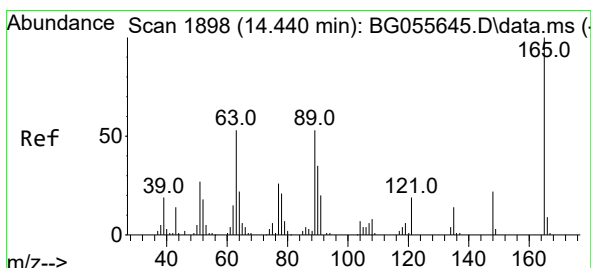
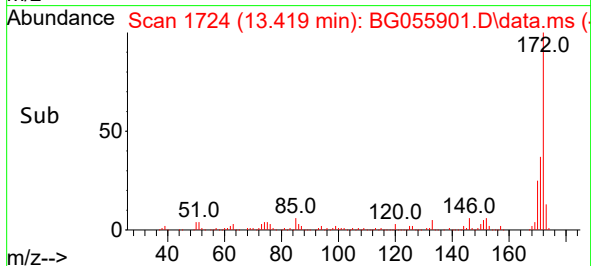
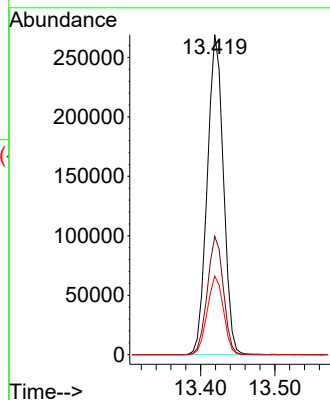
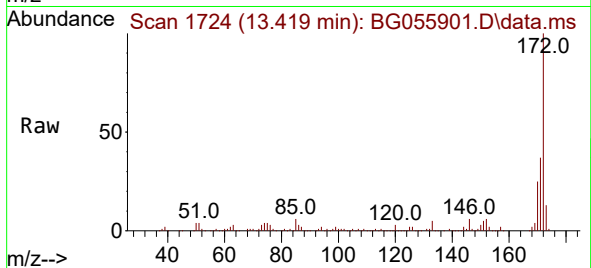
Tgt Ion:172 Resp: 406764

Ion Ratio Lower Upper

172 100

171 36.9 29.8 44.6

170 24.6 20.2 30.4



#51

2,6-Dinitrotoluene

Concen: 7.832 ng

RT: 14.800 min Scan# 1959

Delta R.T. 0.427 min

Lab File: BG055901.D

Acq: 6 Dec 2022 12:52

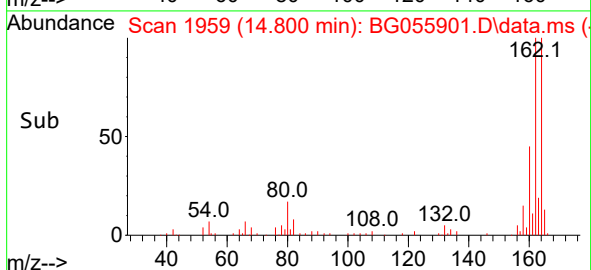
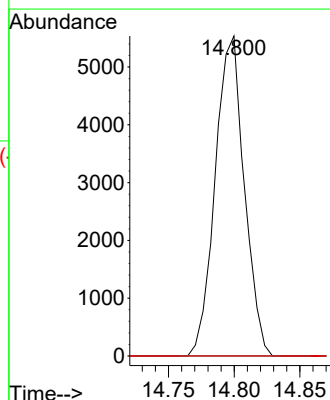
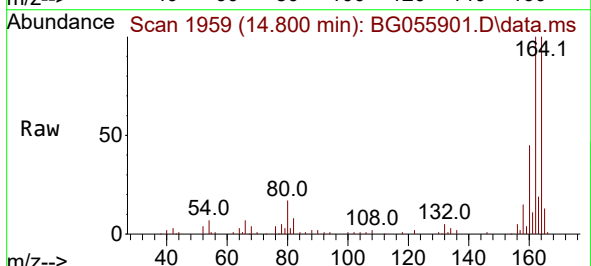
Tgt Ion:165 Resp: 8525

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: 5.555 ng

RT: 14.800 min Scan# 1959

Delta R.T. -0.366 min

Lab File: BG055901.D

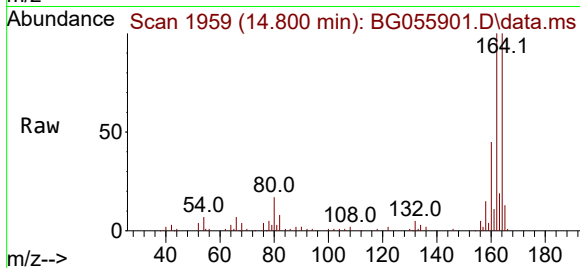
Acq: 6 Dec 2022 12:52

Instrument :

BNA_G

ClientSampleId :

PB149376TB



Tgt Ion:165 Resp: 8525

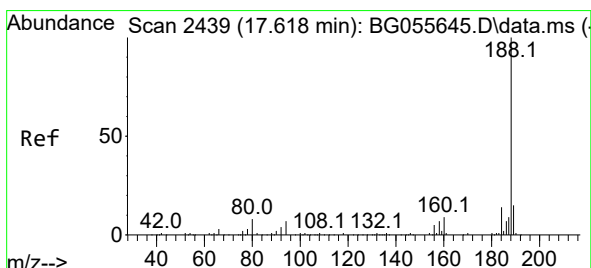
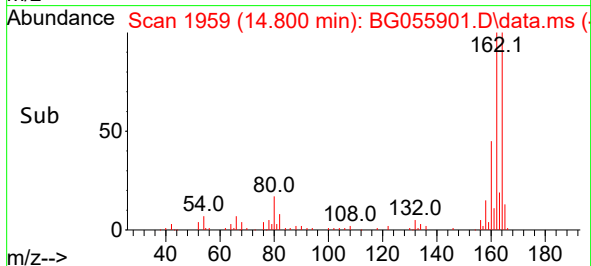
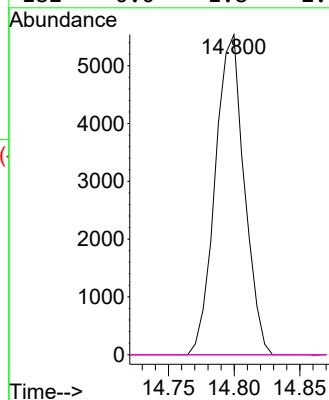
Ion Ratio Lower Upper

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: 17.538 min Scan# 2425

Delta R.T. -0.007 min

Lab File: BG055901.D

Acq: 6 Dec 2022 12:52

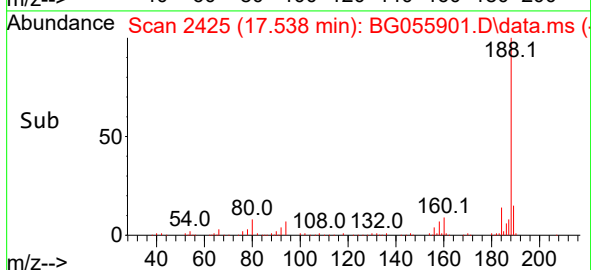
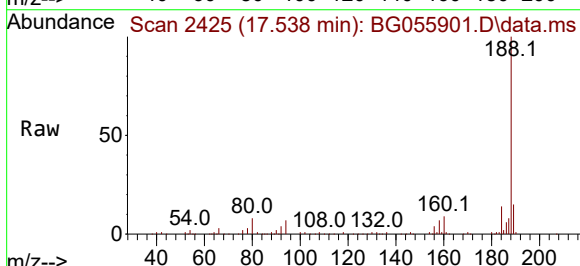
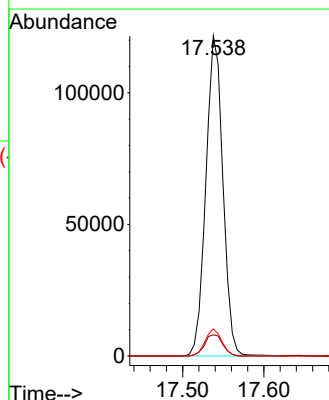
Tgt Ion:188 Resp: 176481

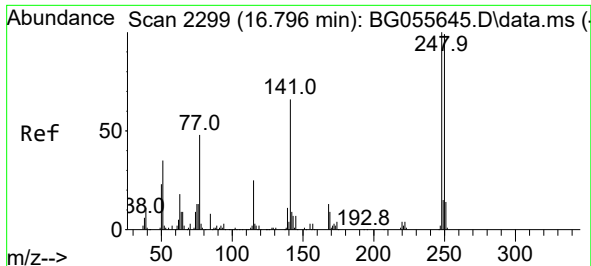
Ion Ratio Lower Upper

188 100

94 6.6 5.4 8.2

80 8.5 6.6 10.0

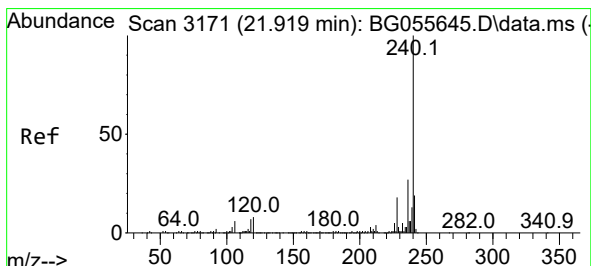
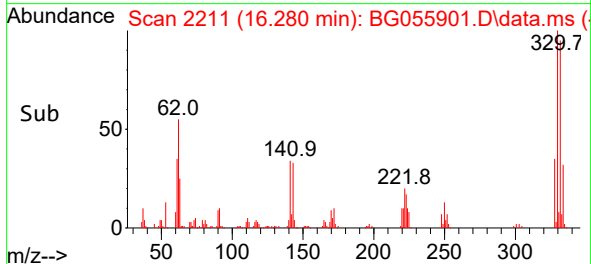
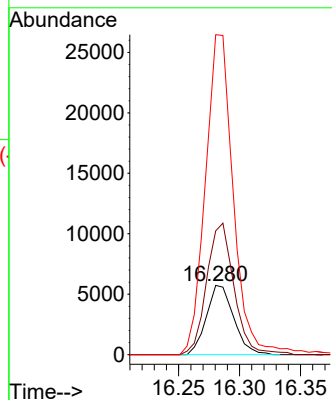
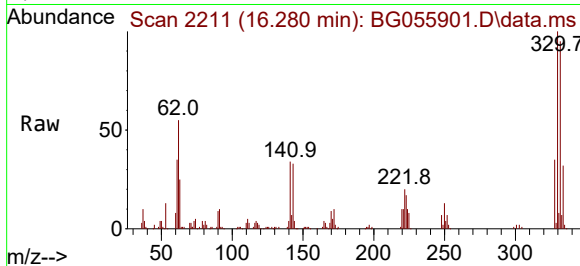




#67
4-Bromophenyl-phenylether
Concen: 4.449 ng
RT: 16.280 min Scan# 21
Delta R.T. -0.442 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

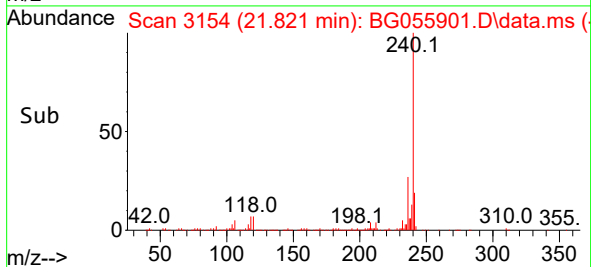
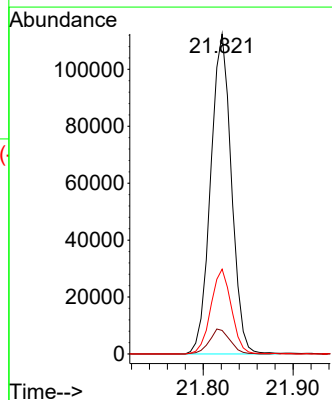
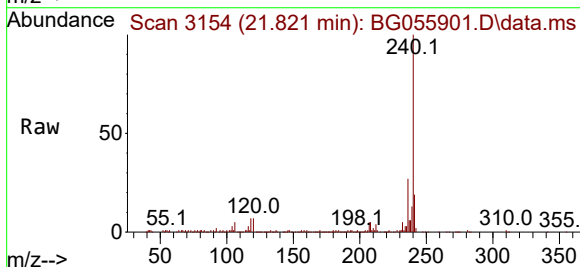
Instrument :
BNA_G
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PB149376TB

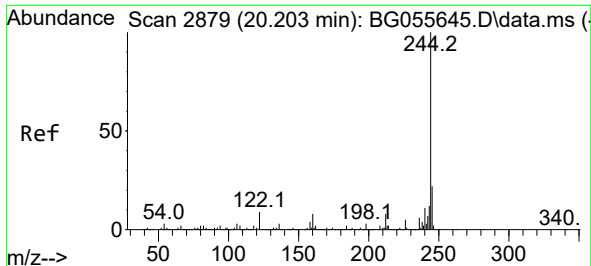
Tgt Ion:248 Resp: 8946
Ion Ratio Lower Upper
248 100
250 178.8 79.0 118.4#
141 461.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3154
Delta R.T. -0.007 min
Lab File: BG055901.D
Acq: 6 Dec 2022 12:52

Tgt Ion:240 Resp: 180718
Ion Ratio Lower Upper
240 100
120 7.3 6.3 9.5
236 26.5 21.9 32.9

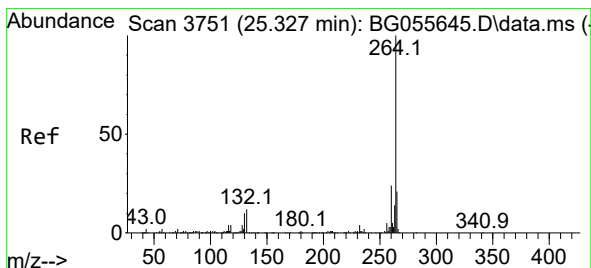
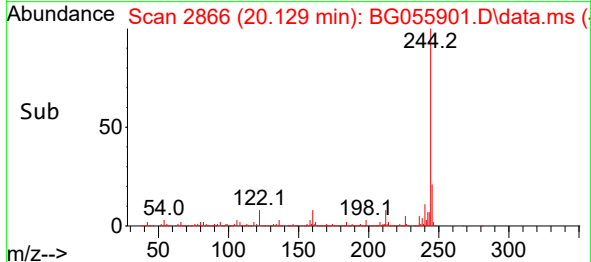
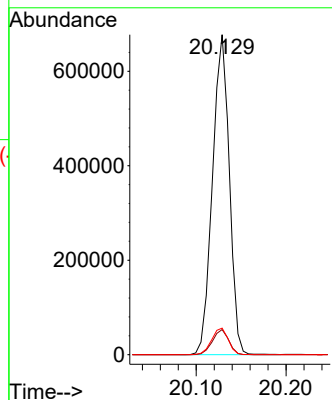
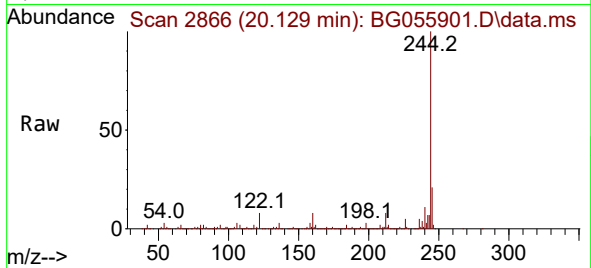




#79
 Terphenyl-d14
 Concen: 97.481 ng
 RT: 20.129 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG055901.D
 Acq: 6 Dec 2022 12:52

Instrument :
 BNA_G
 ClientSampleId :
 PB149376TB

Tgt Ion:244 Resp: 880769
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.164 min Scan# 3723
 Delta R.T. -0.013 min
 Lab File: BG055901.D
 Acq: 6 Dec 2022 12:52

Tgt Ion:264 Resp: 187789
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.3 17.1 25.7

