

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055870.D
 Acq On : 2 Dec 2022 11:24
 Operator : CG/JU
 Sample : PB149361BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149361BL

Quant Time: Dec 02 15:02:51 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)

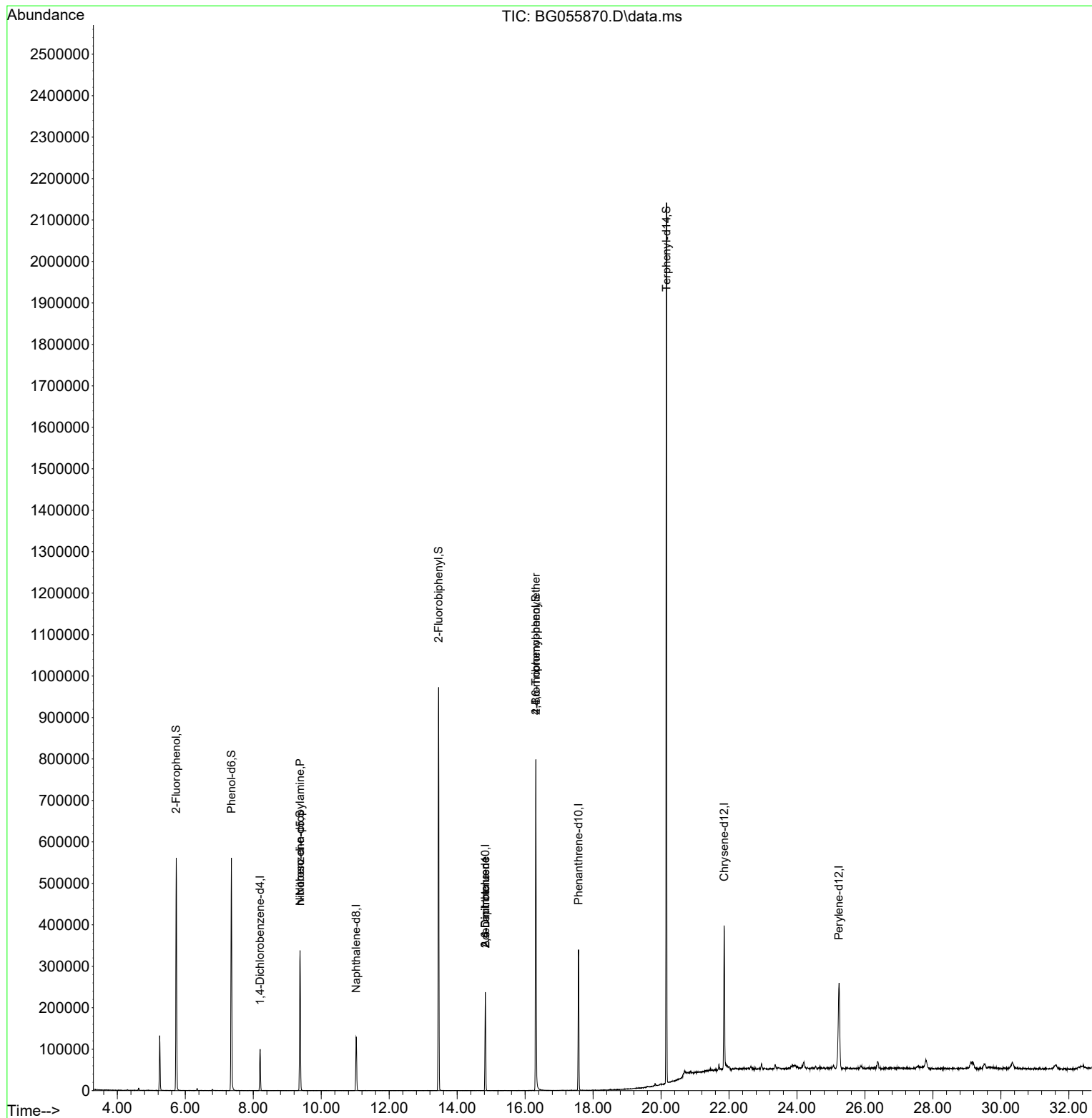
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.202	152	28405	20.000	ng	0.00
21) Naphthalene-d8	11.028	136	117811	20.000	ng	0.00
39) Acenaphthene-d10	14.829	164	89095	20.000	ng	0.00
64) Phenanthrene-d10	17.573	188	231524	20.000	ng	0.00
76) Chrysene-d12	21.856	240	227417	20.000	ng	0.00
86) Perylene-d12	25.235	264	239054	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	240592	153.098	ng	0.00
7) Phenol-d6	7.356	99	307029	146.770	ng	0.00
23) Nitrobenzene-d5	9.377	82	194502	87.261	ng	0.00
42) 2,4,6-Tribromophenol	16.316	330	178971	142.655	ng	0.00
45) 2-Fluorobiphenyl	13.454	172	508529	85.509	ng	0.00
79) Terphenyl-d14	20.158	244	1055117	92.797	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.377	70	26420	16.438	ng	# 76
51) 2,6-Dinitrotoluene	14.829	165	11714	8.066	ng	# 24
57) 2,4-Dinitrotoluene	14.829	165	11714	5.721	ng	# 22
67) 4-Bromophenyl-phenylether	16.316	248	11135	4.221	ng	# 1

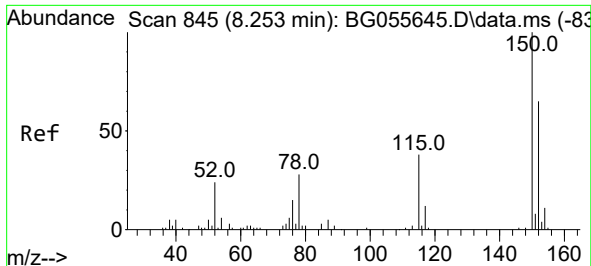
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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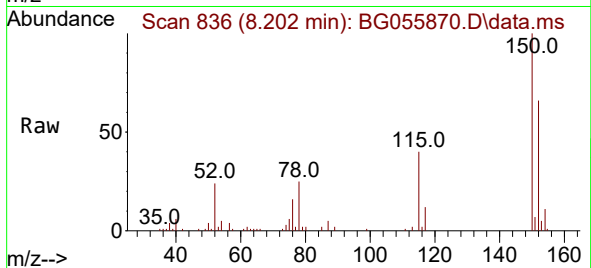
Quant Time: Dec 02 15:02:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 02 04:07:17 2022
Response via : Initial Calibration



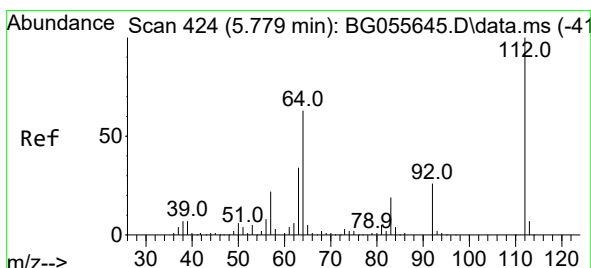
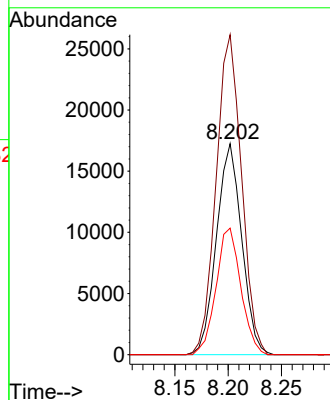
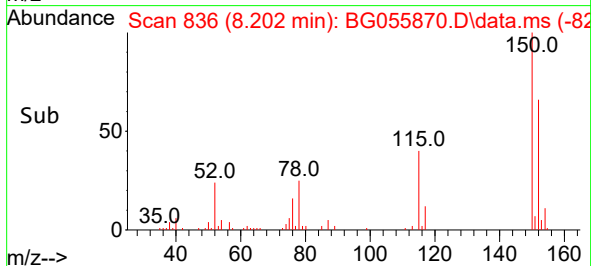


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.202 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

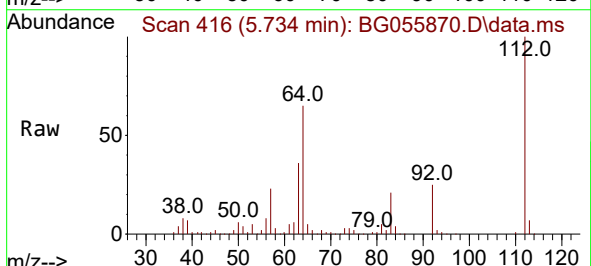
Instrument :
BNA_G
ClientSampleId :
PB149361BL



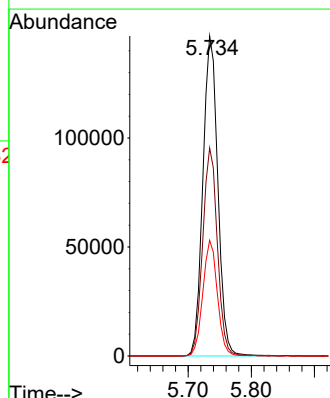
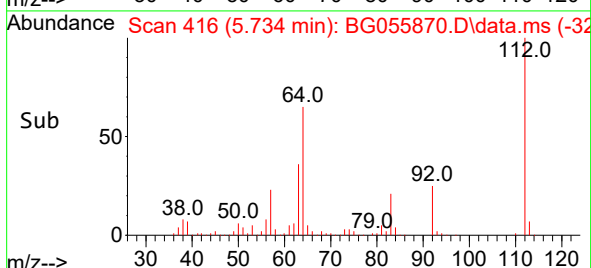
Tgt Ion:152 Resp: 28405
Ion Ratio Lower Upper
152 100
150 151.6 123.0 184.6
115 60.0 47.0 70.4

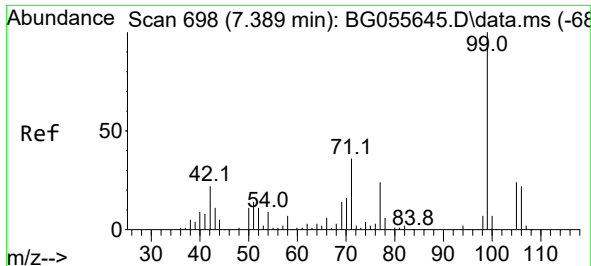


#5
2-Fluorophenol
Concen: 153.098 ng
RT: 5.734 min Scan# 416
Delta R.T. -0.004 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24



Tgt Ion:112 Resp: 240592
Ion Ratio Lower Upper
112 100
64 65.0 50.6 76.0
63 36.1 27.5 41.3

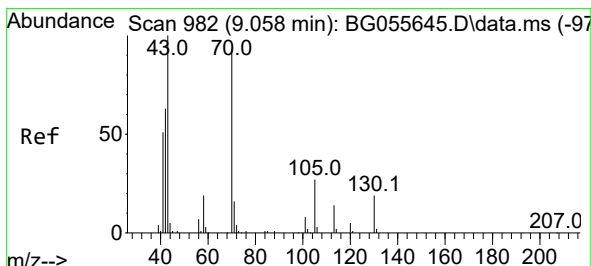
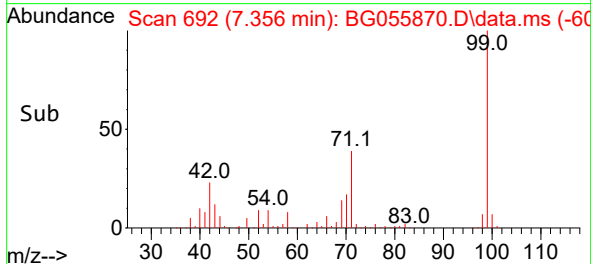
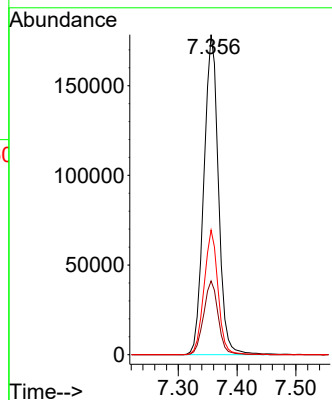
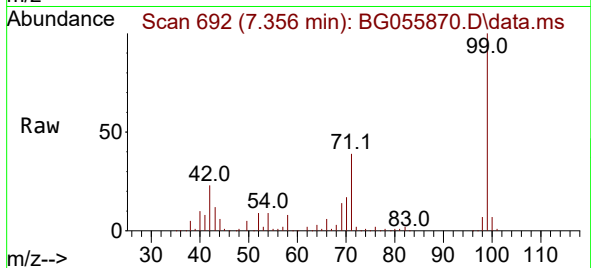




#7
Phenol-d6
Concen: 146.770 ng
RT: 7.356 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

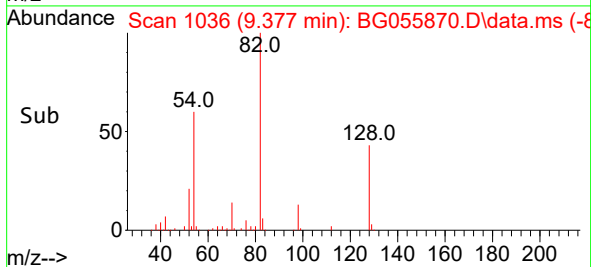
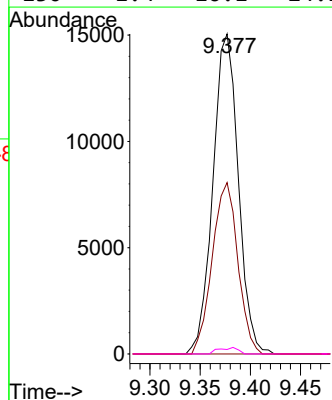
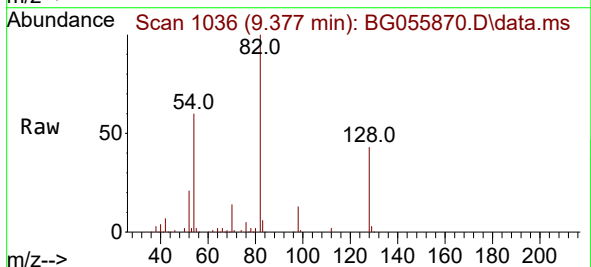
Instrument :
BNA_G
ClientSampleId :
PB149361BL

Tgt Ion: 99 Resp: 307029
Ion Ratio Lower Upper
99 100
42 23.1 18.0 27.0
71 39.0 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 16.438 ng
RT: 9.377 min Scan# 1036
Delta R.T. 0.366 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

Tgt Ion: 70 Resp: 26420
Ion Ratio Lower Upper
70 100
42 53.6 55.2 82.8#
101 0.0 7.1 10.7#
130 1.4 16.1 24.1#

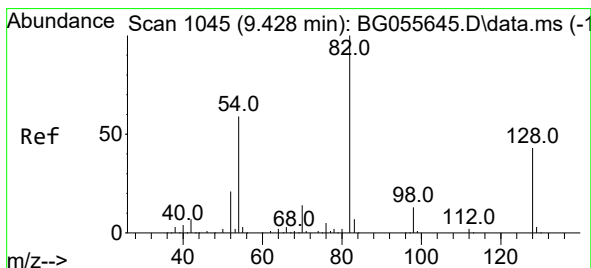
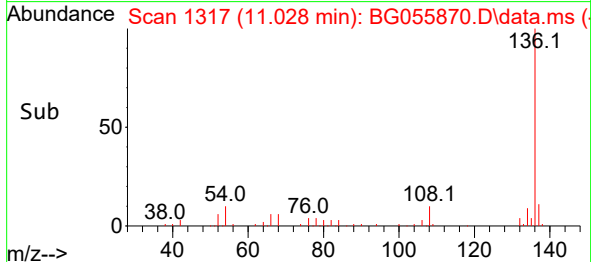
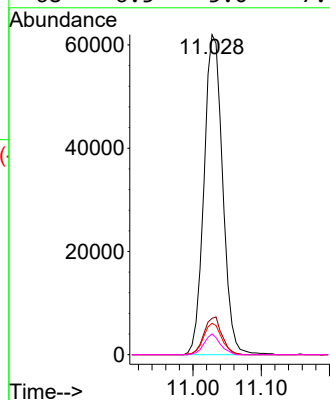
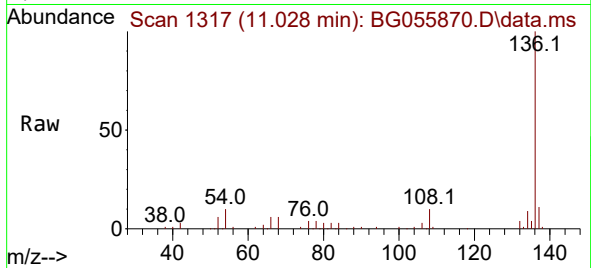




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.028 min Scan# 11
Delta R.T. -0.010 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

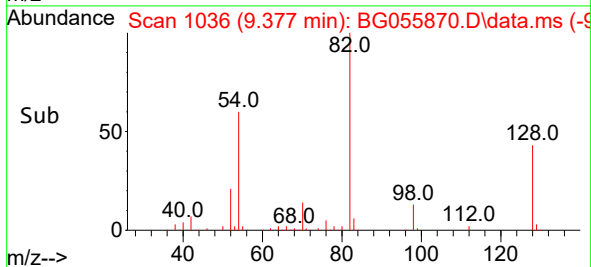
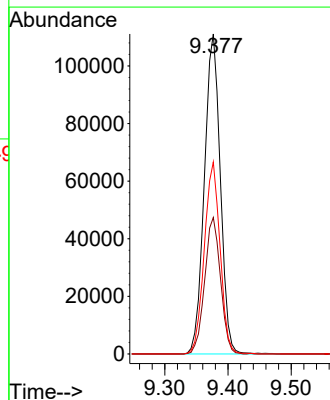
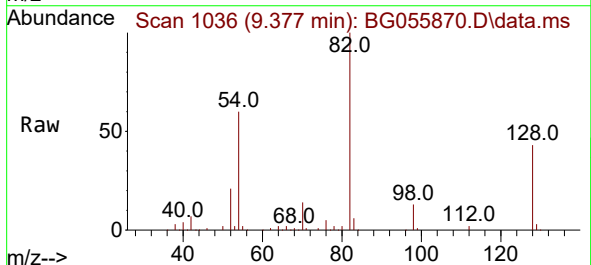
Instrument :
BNA_G
ClientSampleId :
PB149361BL

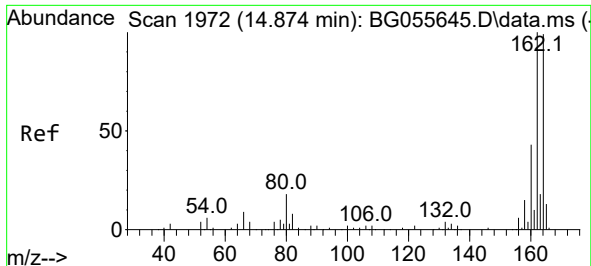
Tgt Ion:	136	Resp:	117811
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	9.8	7.8	11.6
68	6.5	5.0	7.4



#23
Nitrobenzene-d5
Concen: 87.261 ng
RT: 9.377 min Scan# 1036
Delta R.T. -0.010 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

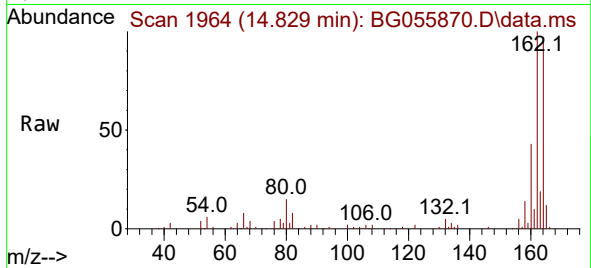
Tgt Ion:	82	Resp:	194502
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.1	51.1
54	60.0	47.3	70.9



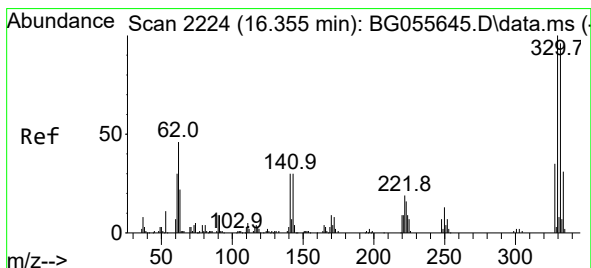
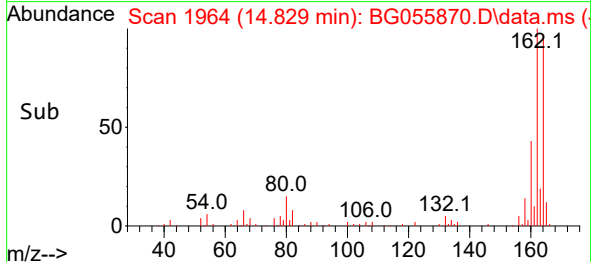
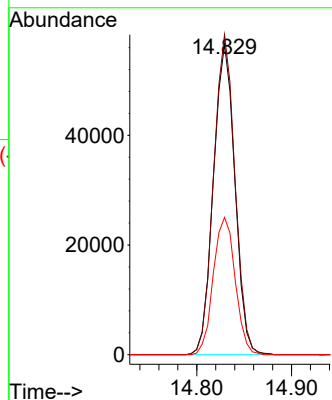


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.829 min Scan# 1964
Delta R.T. -0.010 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

Instrument :
BNA_G
ClientSampleId :
PB149361BL

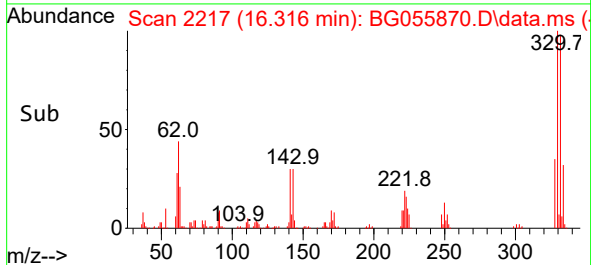
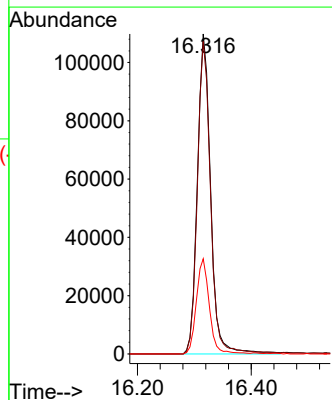
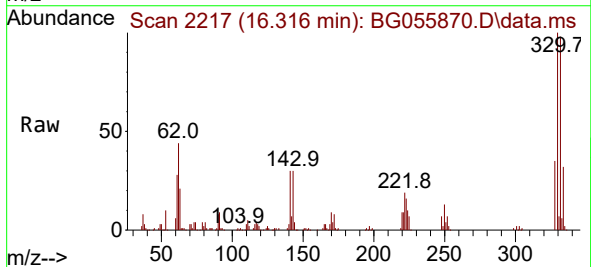


Tgt Ion:164 Resp: 89095
Ion Ratio Lower Upper
164 100
162 103.0 81.1 121.7
160 44.2 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 142.655 ng
RT: 16.316 min Scan# 2217
Delta R.T. -0.010 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

Tgt Ion:330 Resp: 178971
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 29.0 23.9 35.9

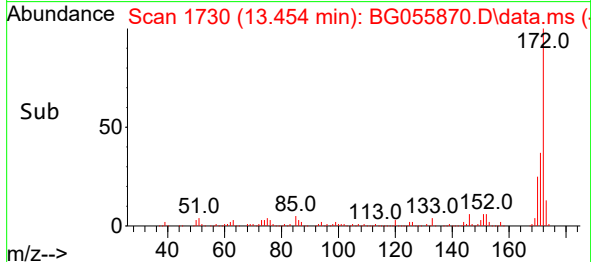
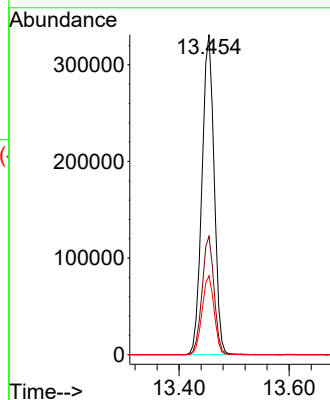
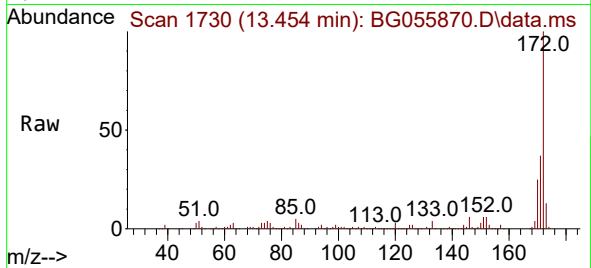




#45
2-Fluorobiphenyl
Concen: 85.509 ng
RT: 13.454 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

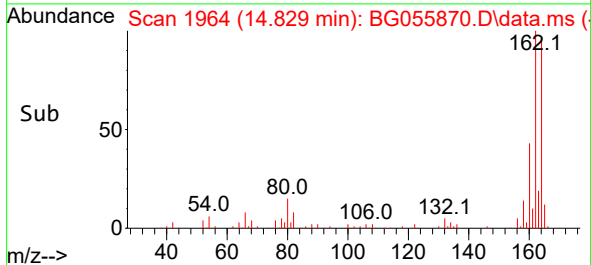
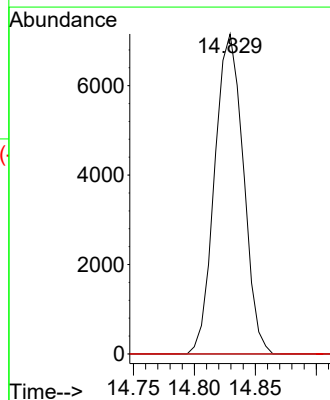
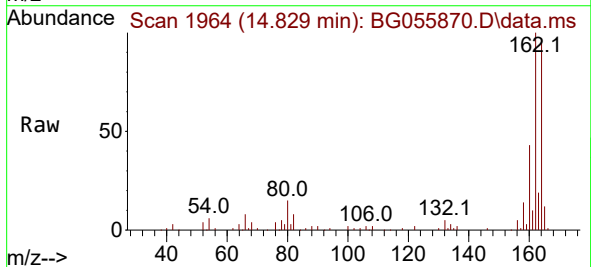
Instrument :
BNA_G
ClientSampleId :
PB149361BL

Tgt Ion:172 Resp: 508529
Ion Ratio Lower Upper
172 100
171 37.0 29.8 44.6
170 24.7 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.066 ng
RT: 14.829 min Scan# 1964
Delta R.T. 0.419 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

Tgt Ion:165 Resp: 11714
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: 5.721 ng

RT: 14.829 min Scan# 1964

Delta R.T. -0.368 min

Lab File: BG055870.D

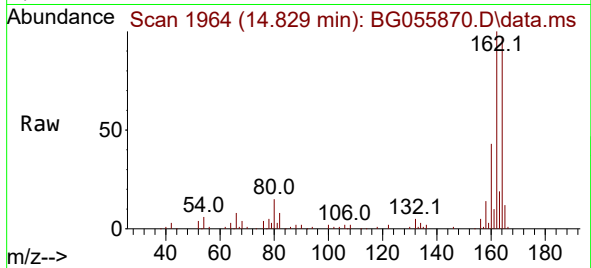
Acq: 2 Dec 2022 11:24

Instrument :

BNA_G

ClientSampleId :

PB149361BL



Tgt Ion:165 Resp: 11714

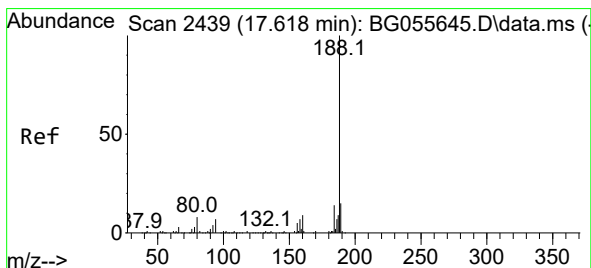
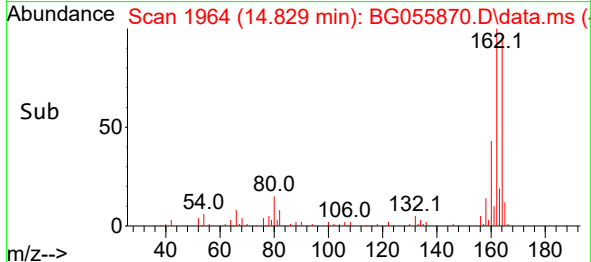
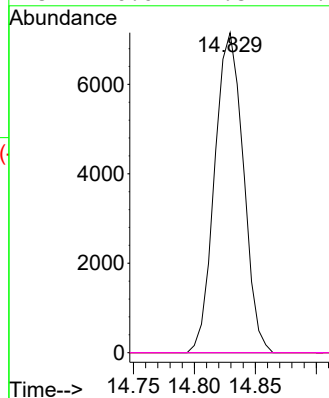
Ion Ratio Lower Upper

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: 17.573 min Scan# 2431

Delta R.T. -0.004 min

Lab File: BG055870.D

Acq: 2 Dec 2022 11:24

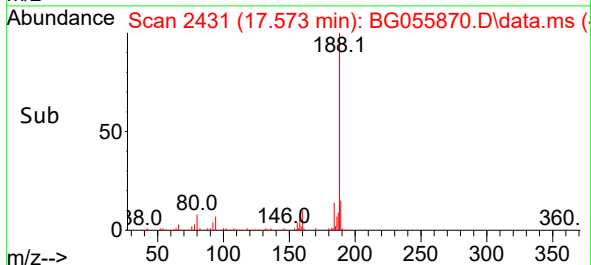
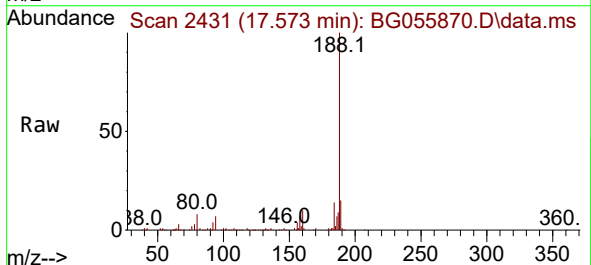
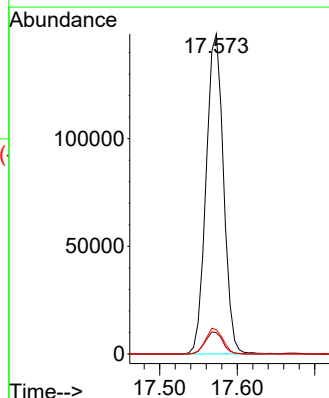
Tgt Ion:188 Resp: 231524

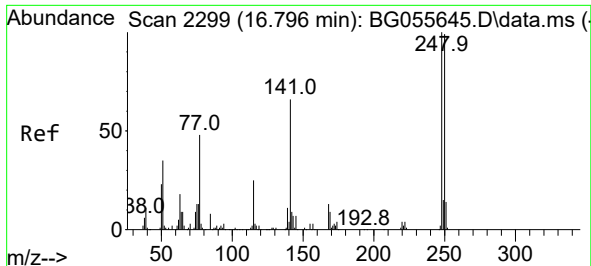
Ion Ratio Lower Upper

188 100

94 6.7 5.4 8.2

80 7.6 6.6 10.0

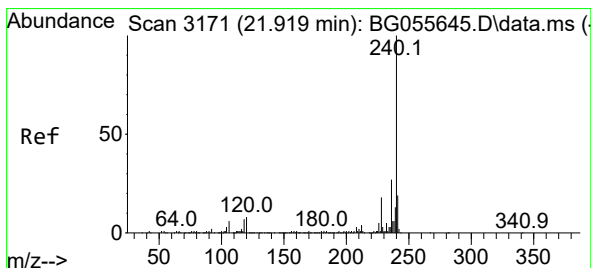
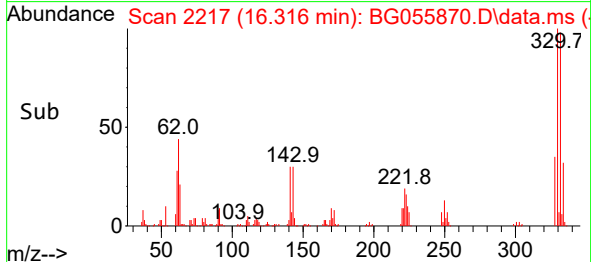
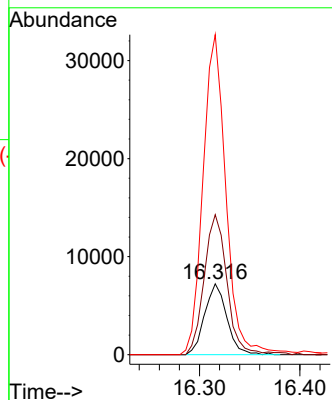
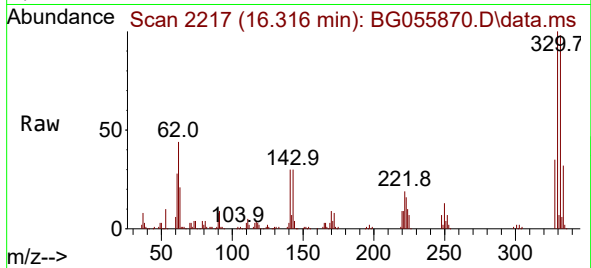




#67
4-Bromophenyl-phenylether
Concen: 4.221 ng
RT: 16.316 min Scan# 211
Delta R.T. -0.438 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

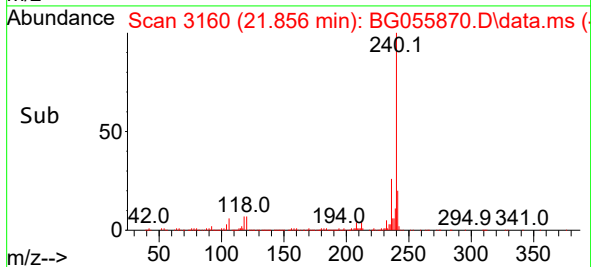
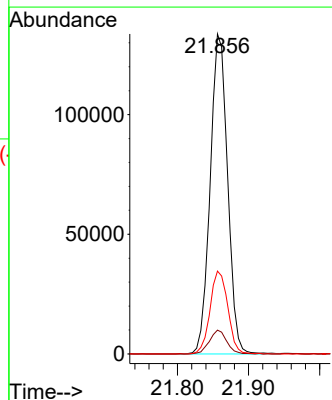
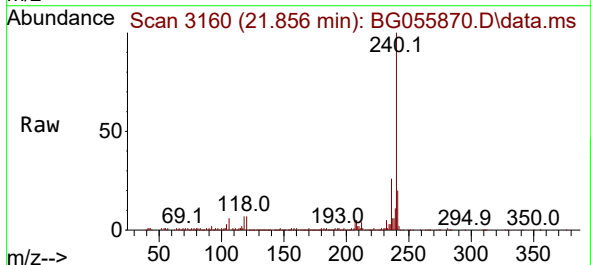
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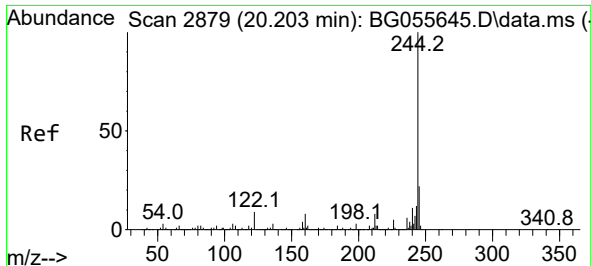
Tgt Ion:248 Resp: 11135
Ion Ratio Lower Upper
248 100
250 197.5 79.0 118.4#
141 451.2 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.856 min Scan# 3160
Delta R.T. -0.010 min
Lab File: BG055870.D
Acq: 2 Dec 2022 11:24

Tgt Ion:240 Resp: 227417
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 25.9 21.9 32.9

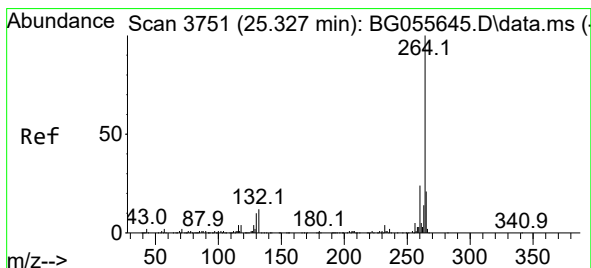
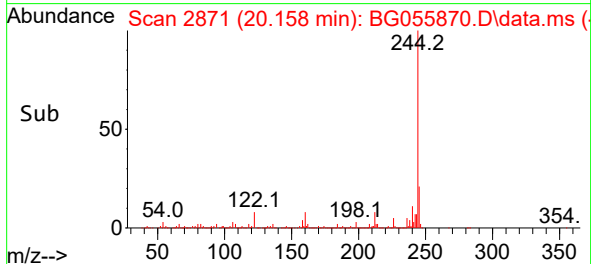
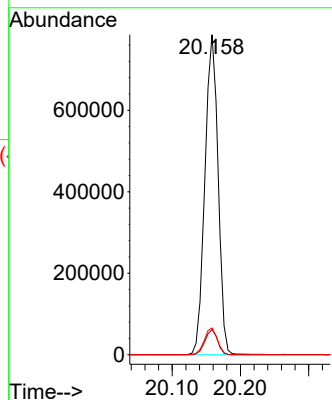
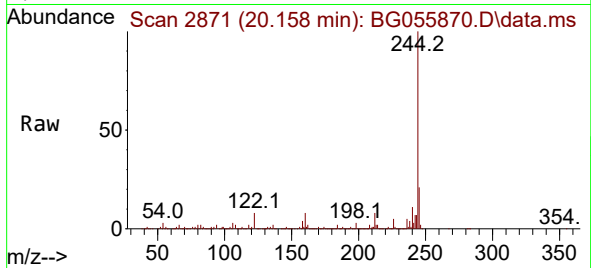




#79
 Terphenyl-d14
 Concen: 92.797 ng
 RT: 20.158 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055870.D
 Acq: 2 Dec 2022 11:24

Instrument :
 BNA_G
 ClientSampleId :
 PB149361BL

Tgt Ion:244 Resp: 1055117
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.3 9.5
 122 8.3 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.235 min Scan# 3735
 Delta R.T. -0.015 min
 Lab File: BG055870.D
 Acq: 2 Dec 2022 11:24

Tgt Ion:264 Resp: 239054
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.5 29.3
 265 21.2 17.1 25.7

