

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
 Data File : BG055664.D
 Acq On : 17 Nov 2022 13:41
 Operator : CG/JU
 Sample : N5504-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SV34211L

Quant Time: Nov 18 03:13:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 17 02:02:46 2022
 Response via : Initial Calibration

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

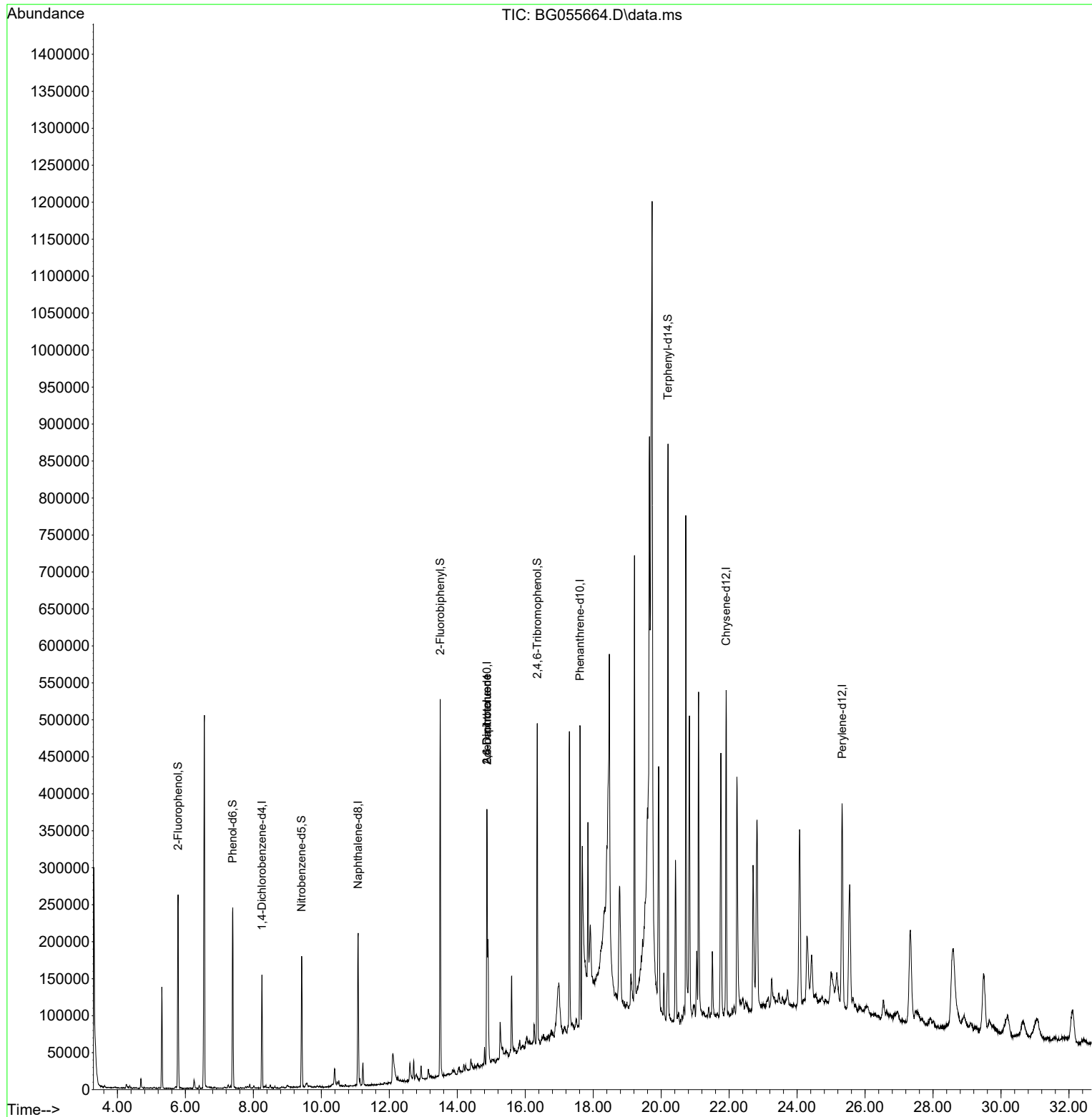
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.252	152	43852	20.000	ng	0.00
21) Naphthalene-d8	11.083	136	176409	20.000	ng	0.00
39) Acenaphthene-d10	14.873	164	124388	20.000	ng	0.00
64) Phenanthrene-d10	17.611	188	278956	20.000	ng	0.00
76) Chrysene-d12	21.912	240	285365	20.000	ng	0.00
86) Perylene-d12	25.326	264	304527	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.784	112	115487	47.602	ng	0.00
7) Phenol-d6	7.394	99	133697	41.399	ng	0.00
23) Nitrobenzene-d5	9.421	82	102464	30.700	ng	0.00
42) 2,4,6-Tribromophenol	16.354	330	89280	50.972	ng	0.00
45) 2-Fluorobiphenyl	13.498	172	259603	31.267	ng	0.00
79) Terphenyl-d14	20.202	244	385571	27.025	ng	0.00
Target Compounds						
51) 2,6-Dinitrotoluene	14.873	165	16810	8.291	ng	# 28
57) 2,4-Dinitrotoluene	14.873	165	16810	5.881	ng	# 26

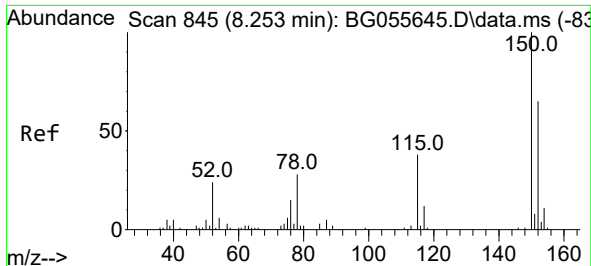
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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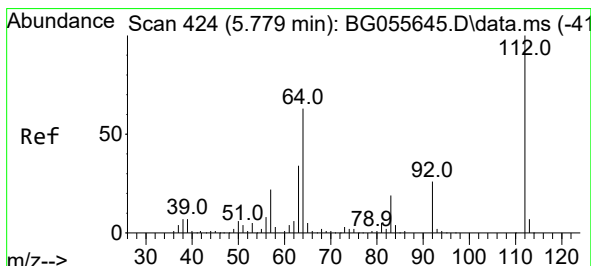
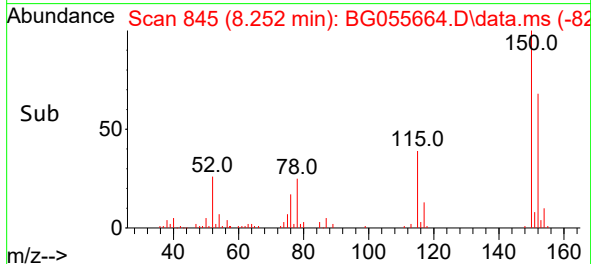
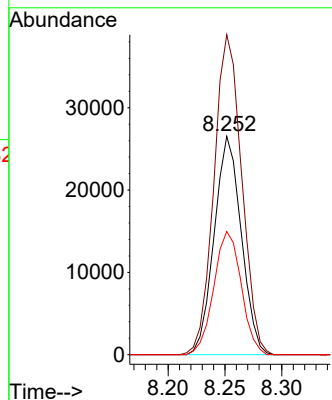
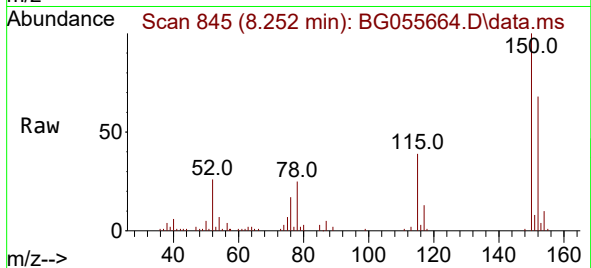




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.252 min Scan# 845
Delta R.T. -0.002 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

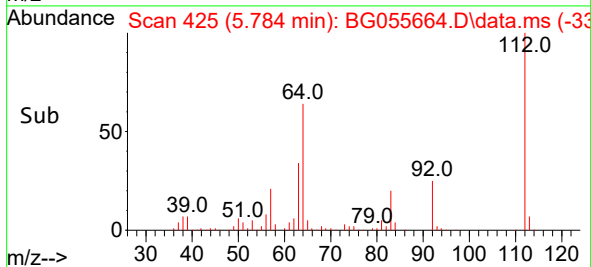
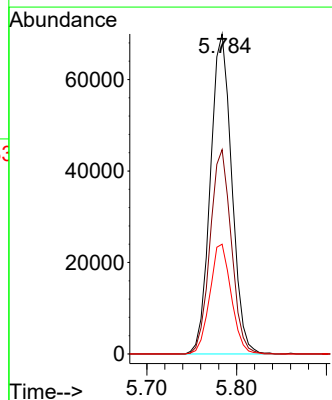
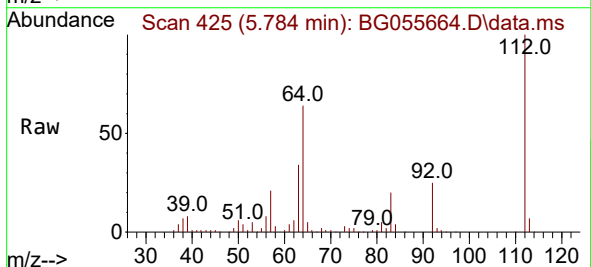
Instrument :
BNA_G
ClientSampleId :
SV34211L

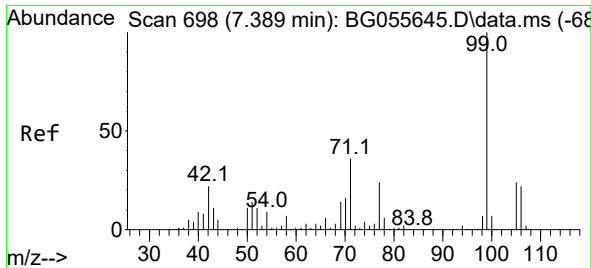
Tgt Ion:152 Resp: 43852
Ion Ratio Lower Upper
152 100
150 146.5 123.0 184.6
115 56.4 47.0 70.4



#5
2-Fluorophenol
Concen: 47.602 ng
RT: 5.784 min Scan# 425
Delta R.T. 0.005 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

Tgt Ion:112 Resp: 115487
Ion Ratio Lower Upper
112 100
64 63.9 50.6 76.0
63 34.3 27.5 41.3

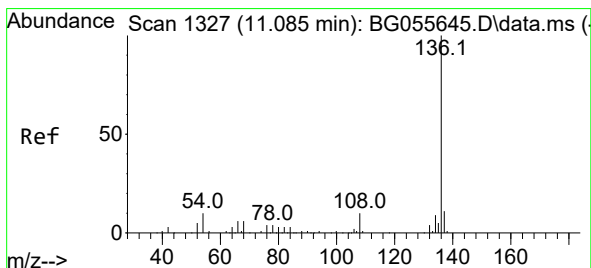
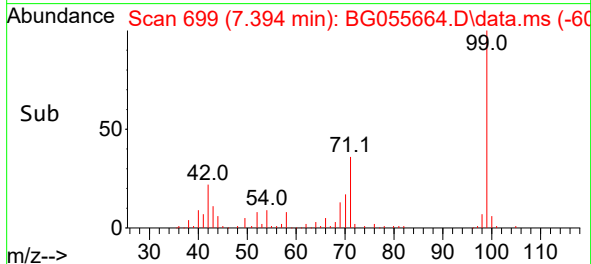
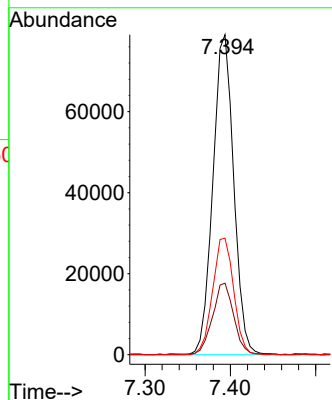
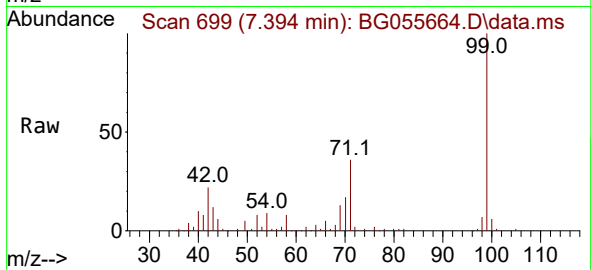




#7
Phenol-d6
Concen: 41.399 ng
RT: 7.394 min Scan# 699
Delta R.T. 0.005 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

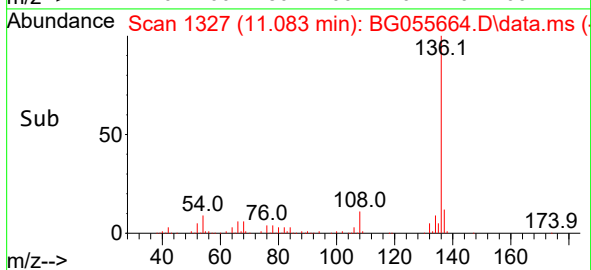
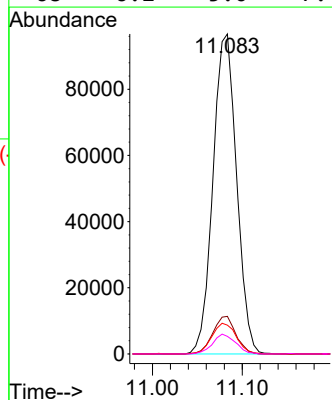
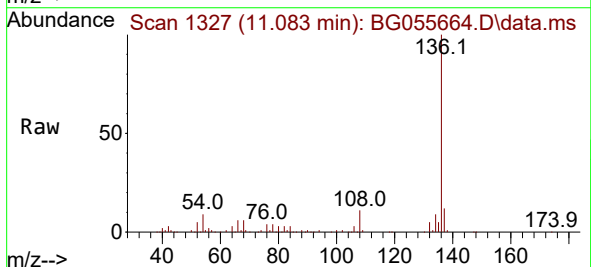
Instrument :
BNA_G
ClientSampleId :
SV34211L

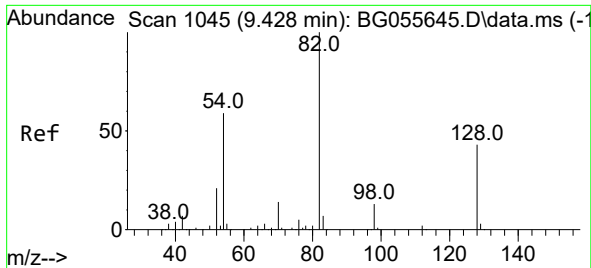
Tgt Ion: 99 Resp: 133697
Ion Ratio Lower Upper
99 100
42 22.4 18.0 27.0
71 36.4 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.083 min Scan# 1327
Delta R.T. -0.001 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

Tgt Ion: 136 Resp: 176409
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.6
54 9.0 7.8 11.6
68 6.2 5.0 7.4

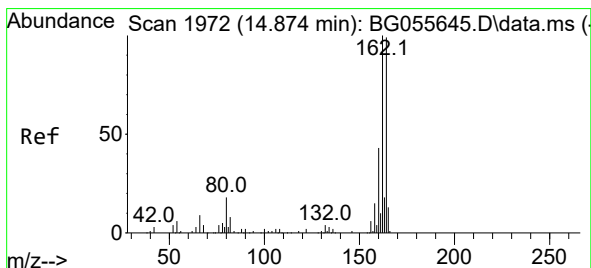
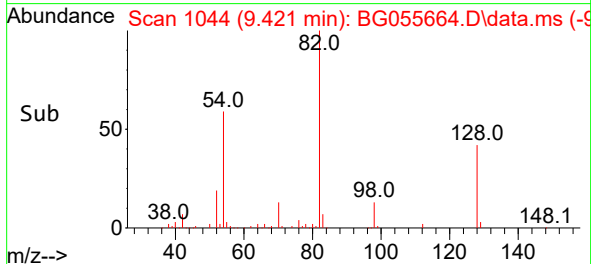
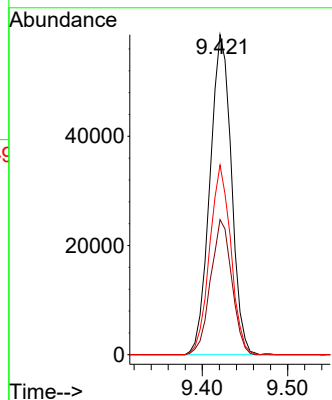
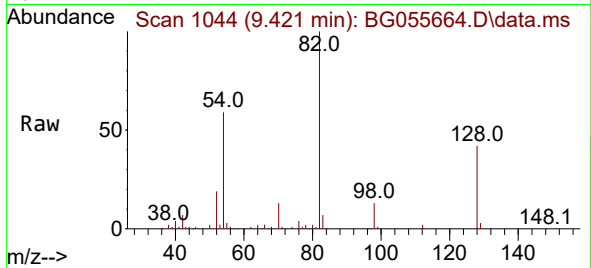




#23
Nitrobenzene-d5
Concen: 30.700 ng
RT: 9.421 min Scan# 1044
Delta R.T. -0.007 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

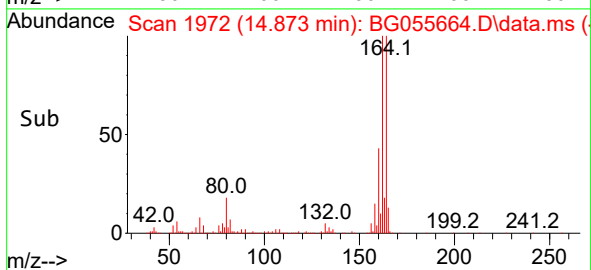
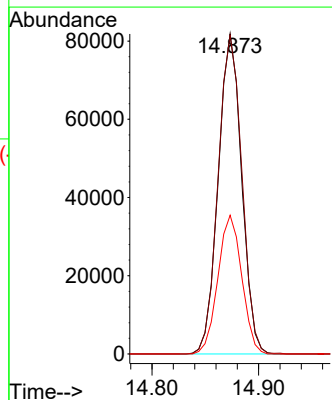
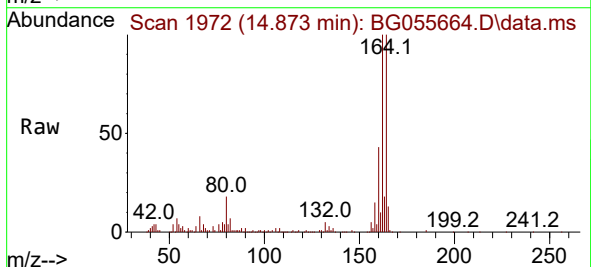
Instrument :
BNA_G
ClientSampleId :
SV34211L

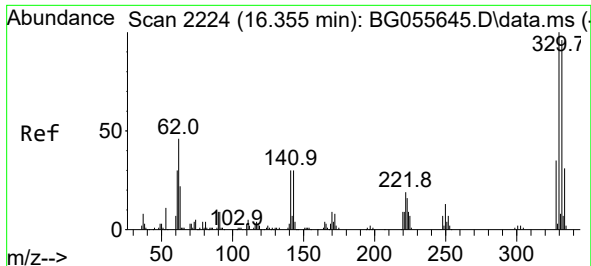
Tgt Ion: 82 Resp: 102464
Ion Ratio Lower Upper
82 100
128 42.2 34.1 51.1
54 59.2 47.3 70.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.873 min Scan# 1972
Delta R.T. -0.001 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

Tgt Ion: 164 Resp: 124388
Ion Ratio Lower Upper
164 100
162 99.6 81.1 121.7
160 43.4 34.8 52.2

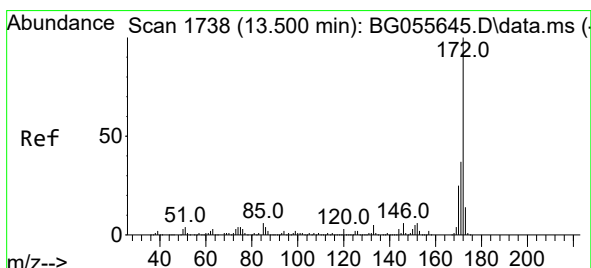
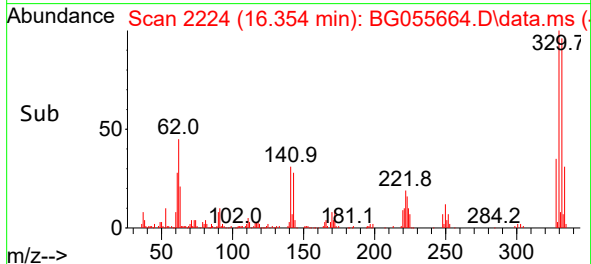
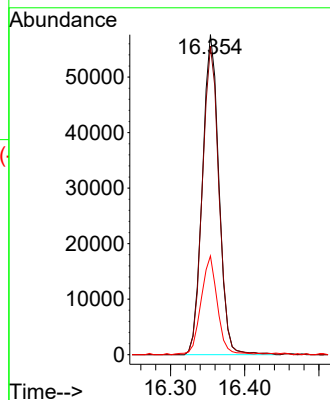
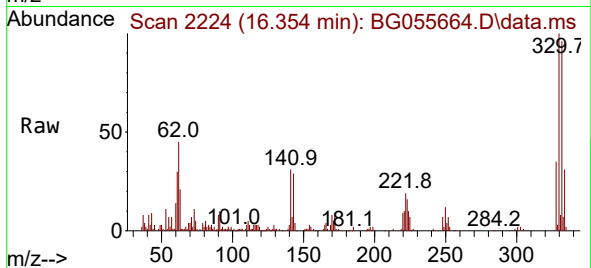




#42
2,4,6-Tribromophenol
Concen: 50.972 ng
RT: 16.354 min Scan# 211
Delta R.T. -0.001 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

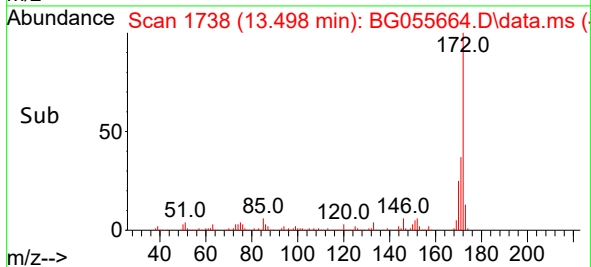
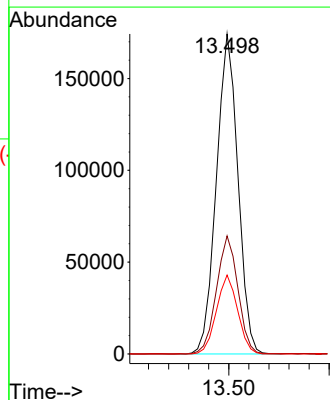
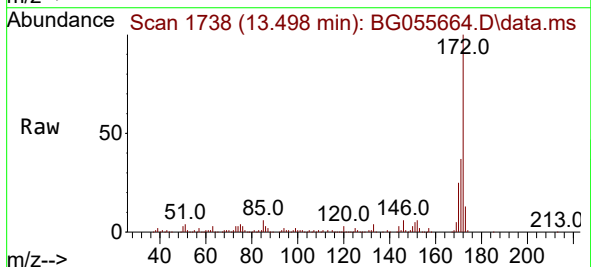
Instrument :
BNA_G
ClientSampleId :
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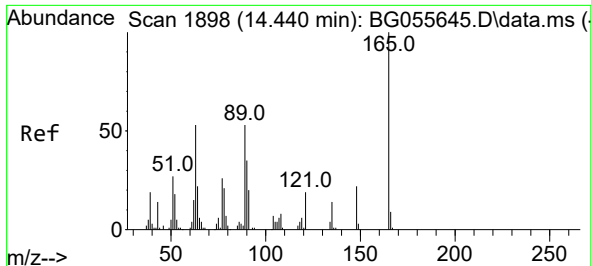
Tgt Ion:330 Resp: 89280
Ion Ratio Lower Upper
330 100
332 97.0 77.8 116.8
141 30.5 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 31.267 ng
RT: 13.498 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

Tgt Ion:172 Resp: 259603
Ion Ratio Lower Upper
172 100
171 36.9 29.8 44.6
170 24.6 20.2 30.4

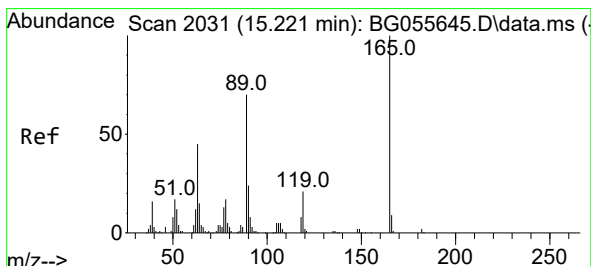
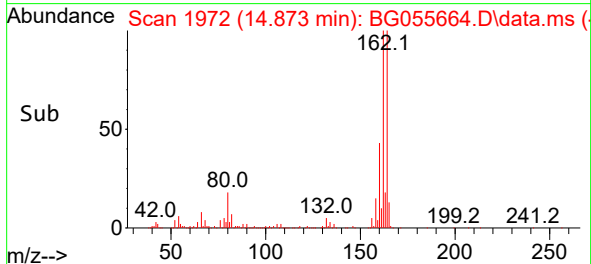
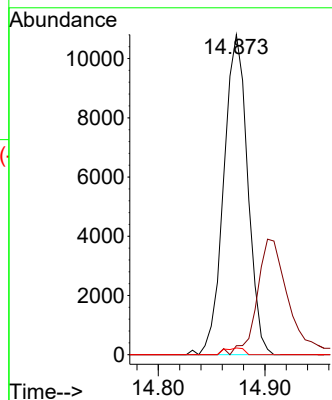
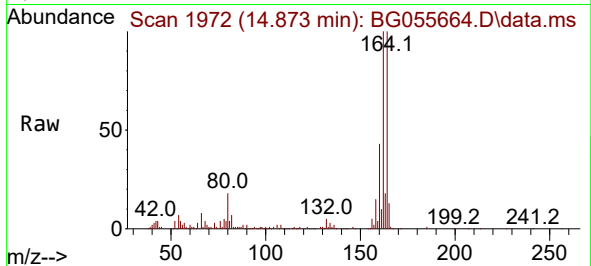




#51
2,6-Dinitrotoluene
Concen: 8.291 ng
RT: 14.873 min Scan# 1972
Delta R.T. 0.434 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

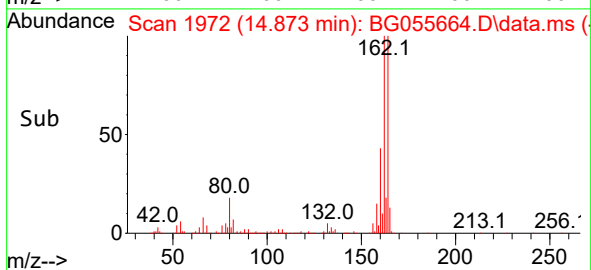
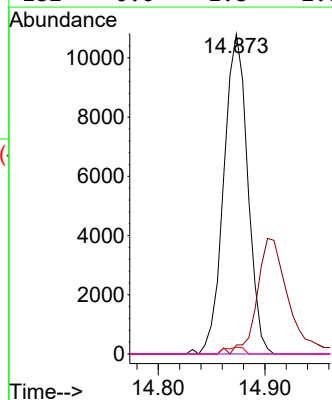
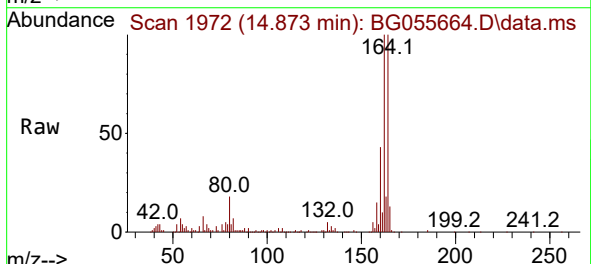
Instrument :
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SV34211L

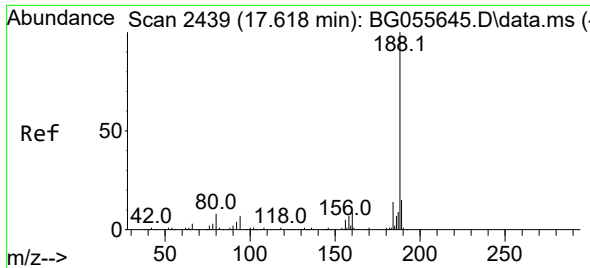
Tgt Ion:165 Resp: 16810
Ion Ratio Lower Upper
165 100
63 2.8 44.6 66.8#
89 2.1 42.2 63.4#



#57
2,4-Dinitrotoluene
Concen: 5.881 ng
RT: 14.873 min Scan# 1972
Delta R.T. -0.348 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

Tgt Ion:165 Resp: 16810
Ion Ratio Lower Upper
165 100
63 2.8 35.8 53.8#
89 2.1 56.2 84.4#
182 0.0 1.8 2.8#

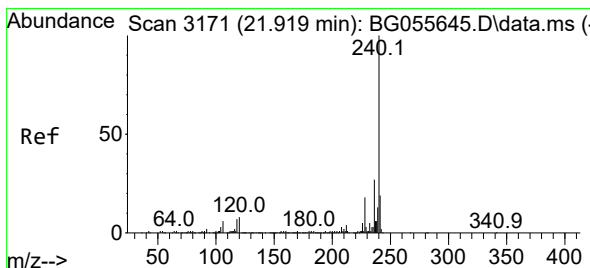
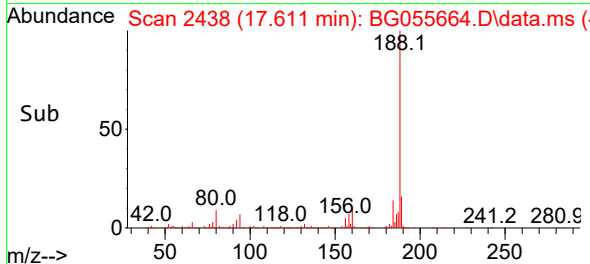
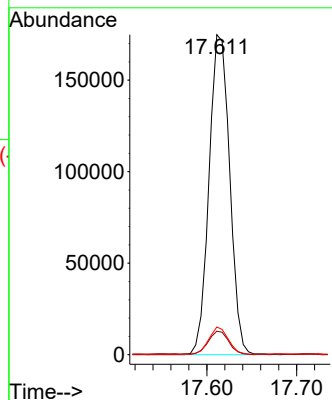
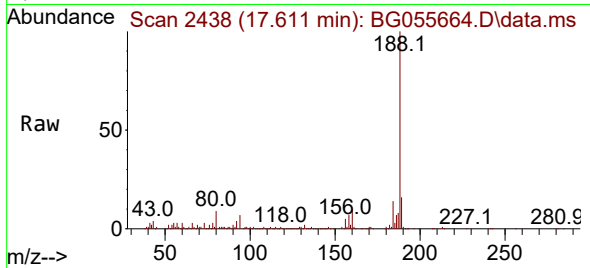




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.611 min Scan# 2439
Delta R.T. -0.007 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

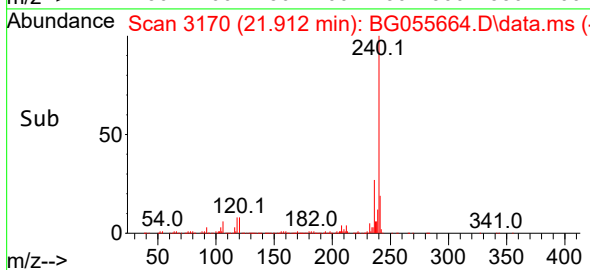
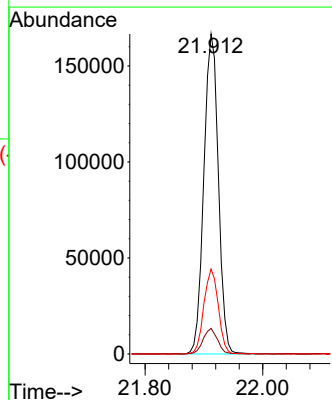
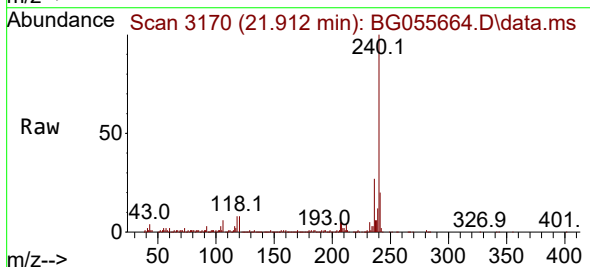
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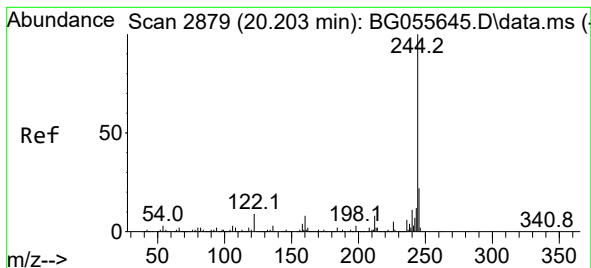
Tgt Ion:188 Resp: 278956
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.2
80 8.7 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.912 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055664.D
Acq: 17 Nov 2022 13:41

Tgt Ion:240 Resp: 285365
Ion Ratio Lower Upper
240 100
120 8.0 6.3 9.5
236 26.6 21.9 32.9





#79

Terphenyl-d14

Concen: 27.025 ng

RT: 20.202 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG055664.D

Acq: 17 Nov 2022 13:41

Instrument :

BNA_G

ClientSampleId :

SV34211L

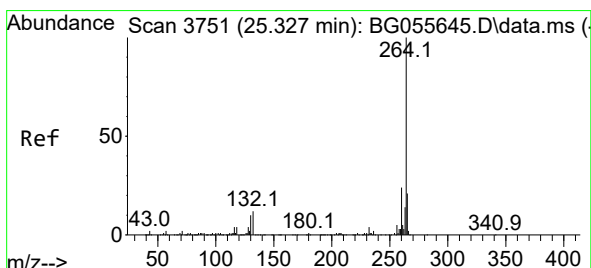
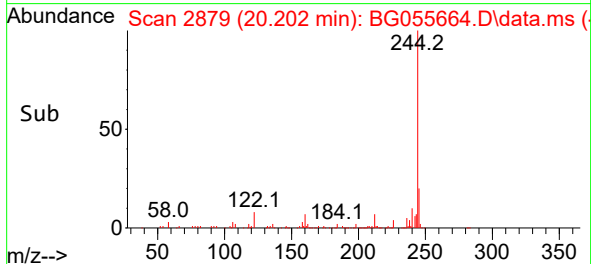
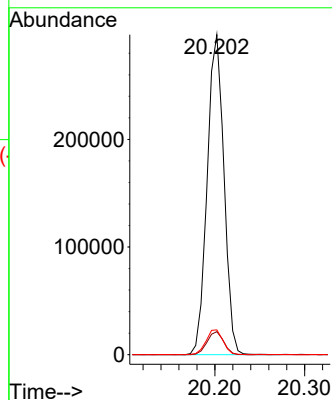
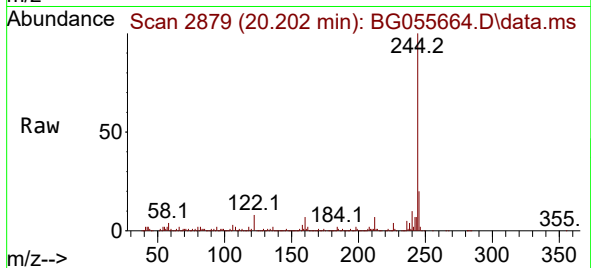
Tgt Ion:244 Resp: 385571

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

122 7.8 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.326 min Scan# 3751

Delta R.T. -0.001 min

Lab File: BG055664.D

Acq: 17 Nov 2022 13:41

Tgt Ion:264 Resp: 304527

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 21.7 17.1 25.7

