

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120222\
 Data File : BG055877.D
 Acq On : 2 Dec 2022 17:06
 Operator : CG/JU
 Sample : N5848-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5

Quant Time: Dec 03 04:29:49 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	8.197	152	30869	20.000	ng	0.00
21) Naphthalene-d8	11.029	136	137287	20.000	ng	0.00
39) Acenaphthene-d10	14.825	164	105378	20.000	ng	-0.01
64) Phenanthrene-d10	17.569	188	236876	20.000	ng	0.00
76) Chrysene-d12	21.858	240	218444	20.000	ng	0.00
86) Perylene-d12	25.230	264	231779	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.729	112	247633	145.000	ng	0.00
7) Phenol-d6	7.351	99	336129	147.855	ng	0.00
23) Nitrobenzene-d5	9.372	82	212355	81.756	ng	-0.01
42) 2,4,6-Tribromophenol	16.317	330	184803	124.542	ng	0.00
45) 2-Fluorobiphenyl	13.450	172	557885	79.313	ng	0.00
79) Terphenyl-d14	20.154	244	898622	82.280	ng	0.00

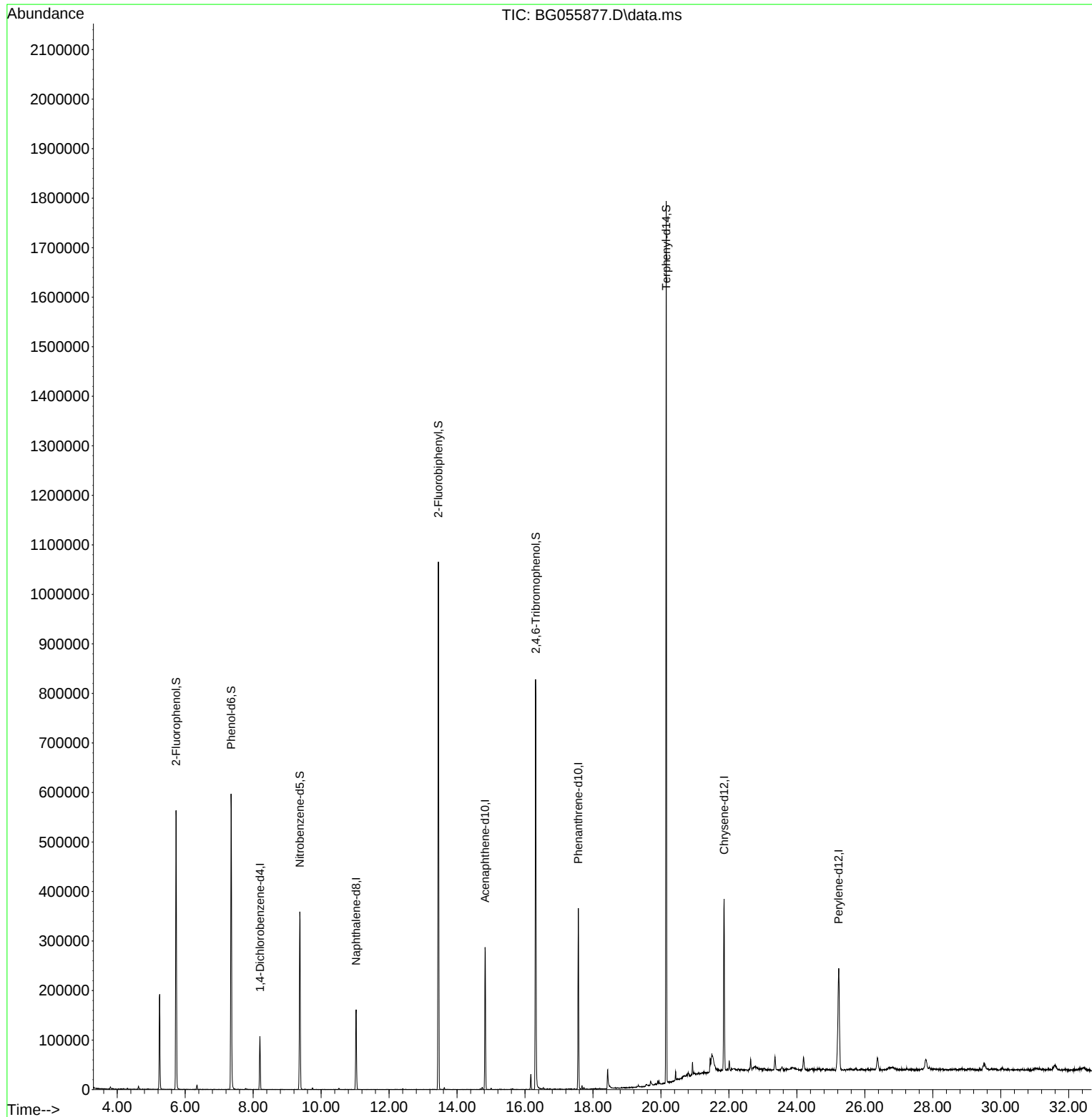
Target Compounds	Qvalue

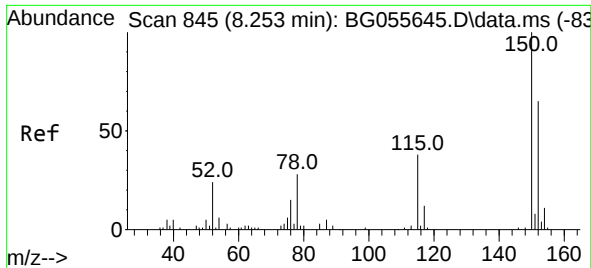
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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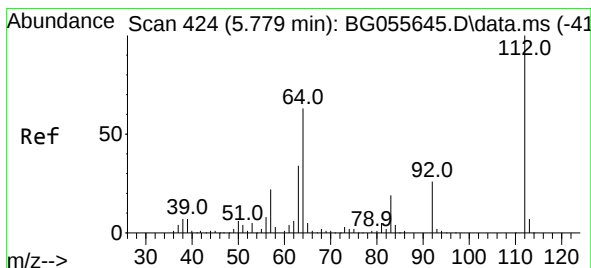
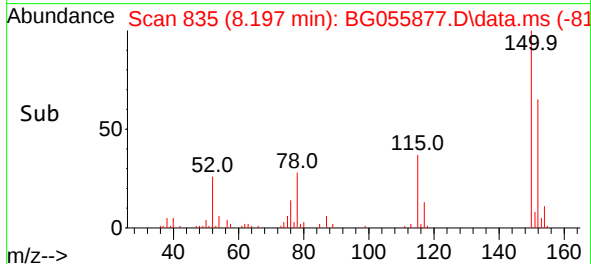
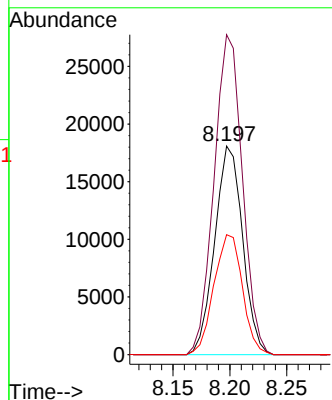
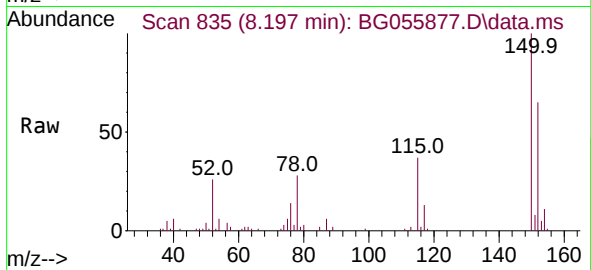




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.197 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

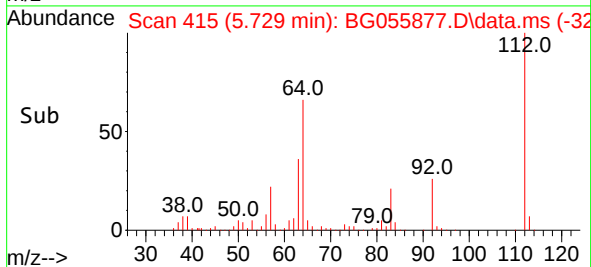
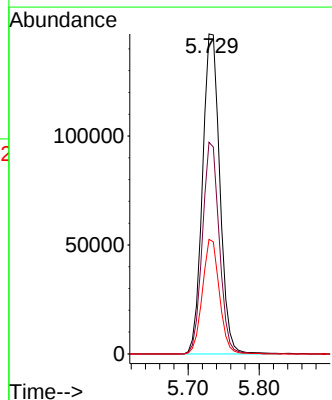
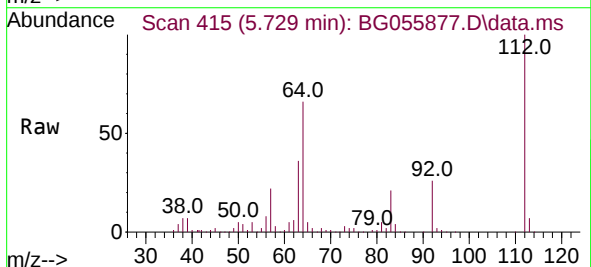
Instrument :
BNA_G
ClientSampleId :
PE-5

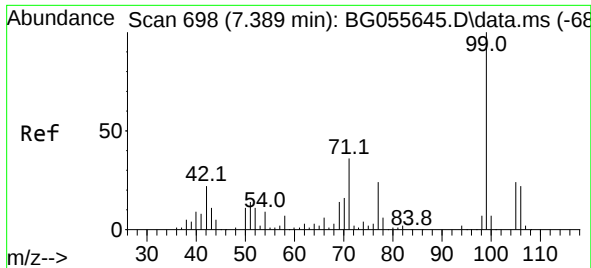
Tgt Ion:152 Resp: 30869
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.6
115 57.5 47.0 70.4



#5
2-Fluorophenol
Concen: 145.000 ng
RT: 5.729 min Scan# 415
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:112 Resp: 247633
Ion Ratio Lower Upper
112 100
64 66.1 50.6 76.0
63 35.8 27.5 41.3

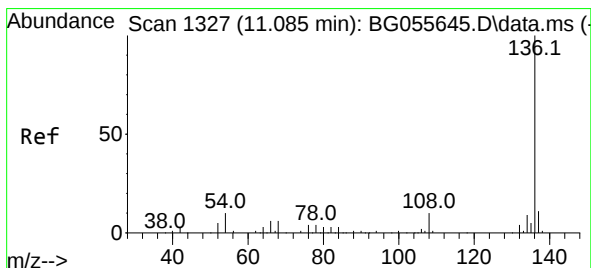
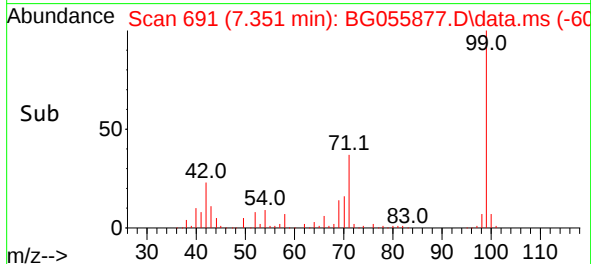
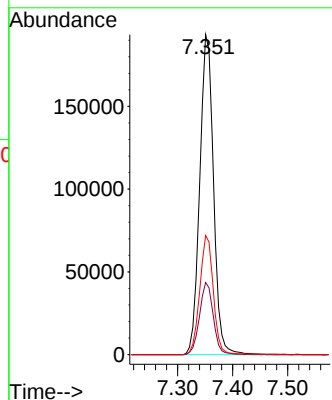
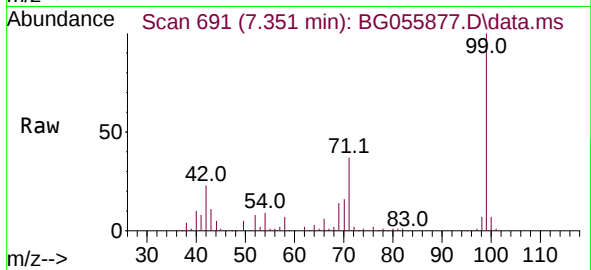




#7
Phenol-d6
Concen: 147.855 ng
RT: 7.351 min Scan# 691
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

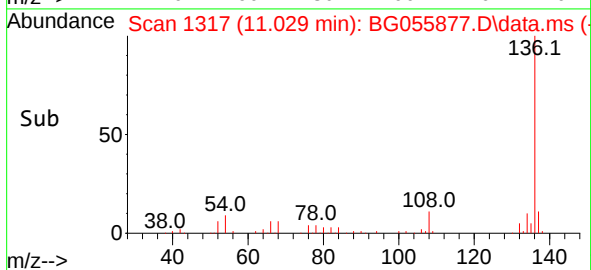
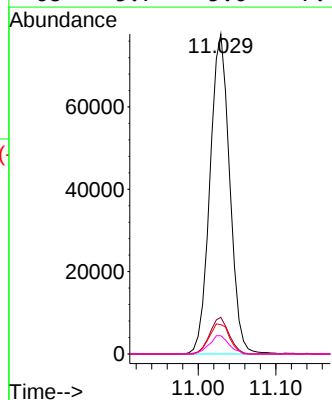
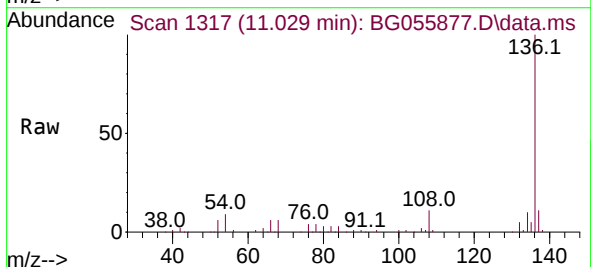
Instrument :
BNA_G
ClientSampleId :
PE-5

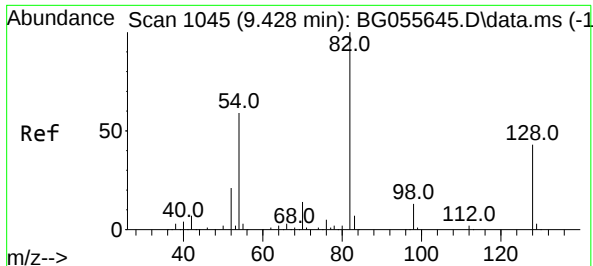
Tgt Ion: 99 Resp: 336129
Ion Ratio Lower Upper
99 100
42 22.5 18.0 27.0
71 37.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.029 min Scan# 1317
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion: 136 Resp: 137287
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.1 7.8 11.6
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 81.756 ng

RT: 9.372 min Scan# 1045

Delta R.T. -0.014 min

Lab File: BG055877.D

Acq: 2 Dec 2022 17:06

Instrument :

BNA_G

ClientSampleId :

PE-5

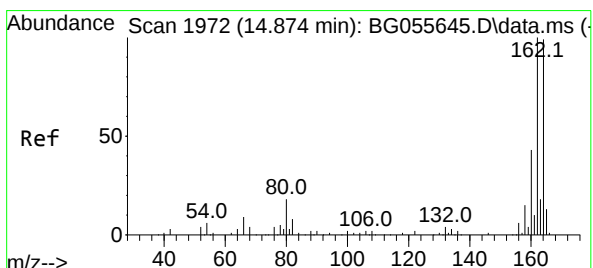
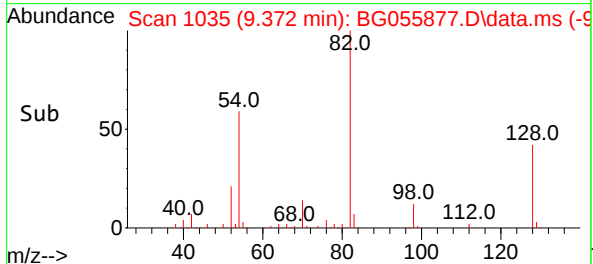
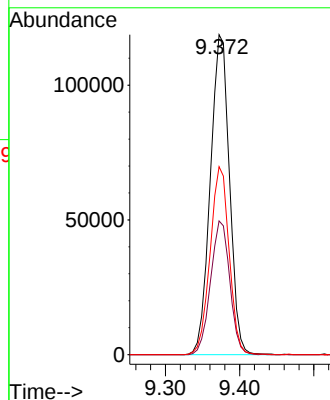
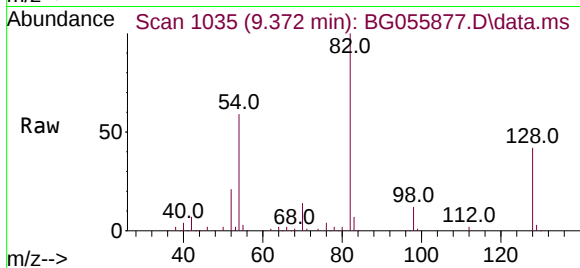
Tgt Ion: 82 Resp: 212355

Ion Ratio Lower Upper

82 100

128 41.8 34.1 51.1

54 58.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.825 min Scan# 1963

Delta R.T. -0.014 min

Lab File: BG055877.D

Acq: 2 Dec 2022 17:06

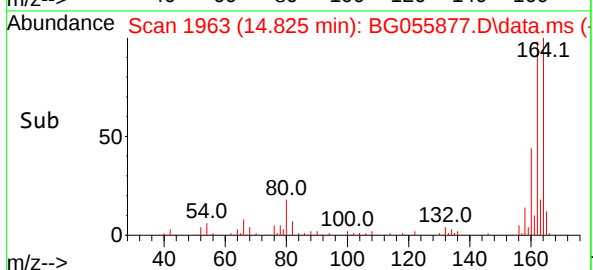
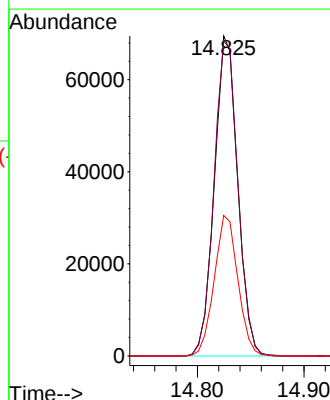
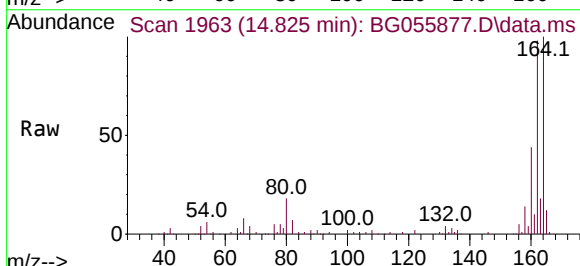
Tgt Ion:164 Resp: 105378

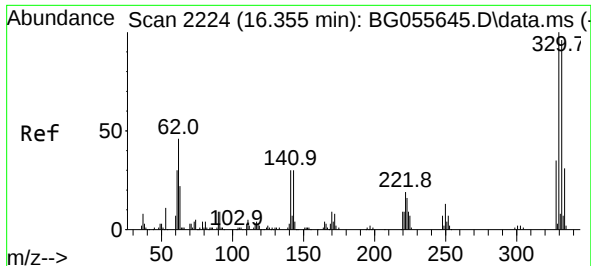
Ion Ratio Lower Upper

164 100

162 98.4 81.1 121.7

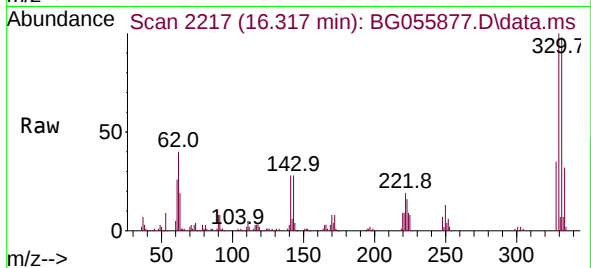
160 43.9 34.8 52.2



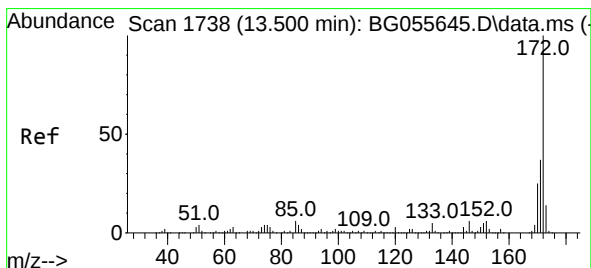
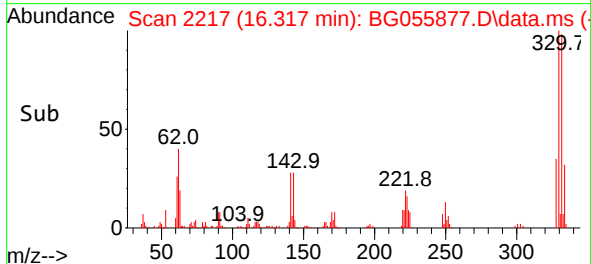
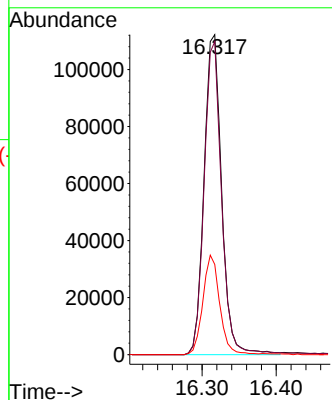


#42
2,4,6-Tribromophenol
Concen: 124.542 ng
RT: 16.317 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Instrument :
BNA_G
ClientSampleId :
PE-5

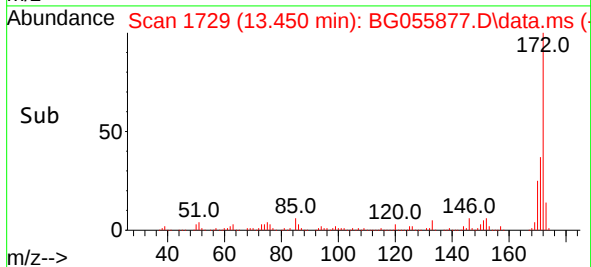
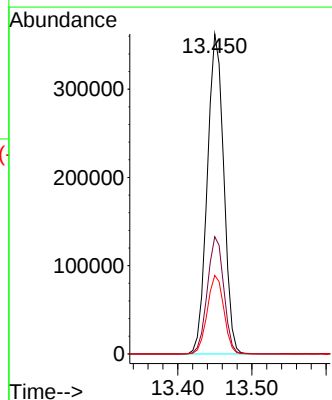
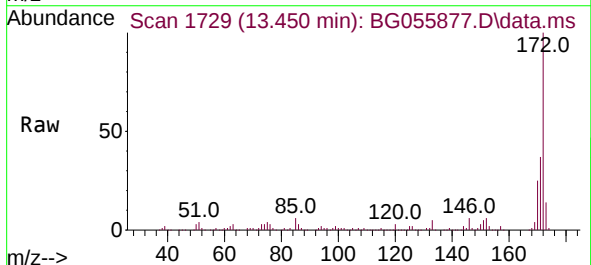


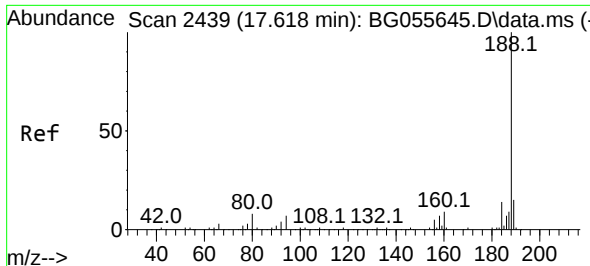
Tgt Ion:330 Resp: 184803
Ion Ratio Lower Upper
330 100
332 96.6 77.8 116.8
141 30.1 23.9 35.9



#45
2-Fluorobiphenyl
Concen: 79.313 ng
RT: 13.450 min Scan# 1729
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:172 Resp: 557885
Ion Ratio Lower Upper
172 100
171 36.7 29.8 44.6
170 24.5 20.2 30.4

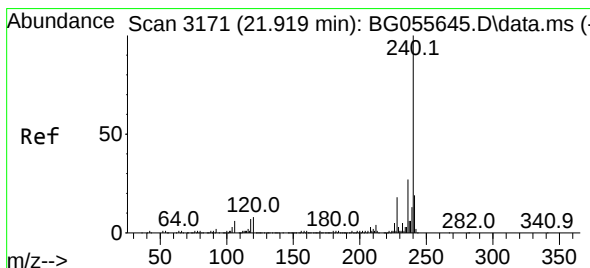
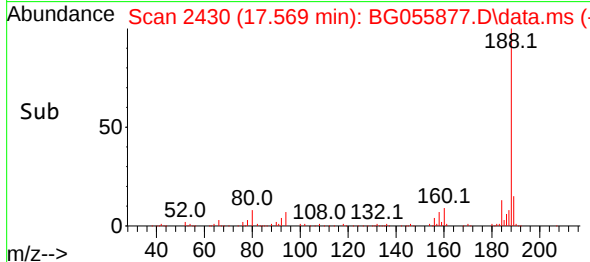
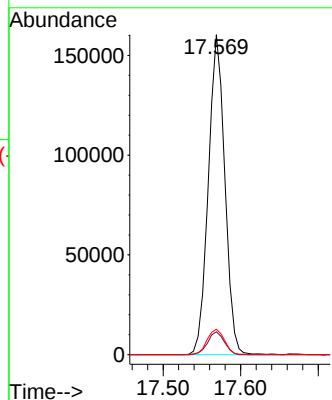
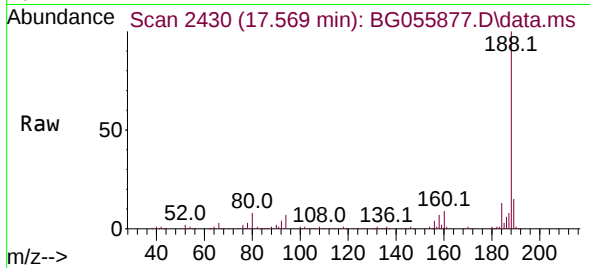




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.569 min Scan# 24
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

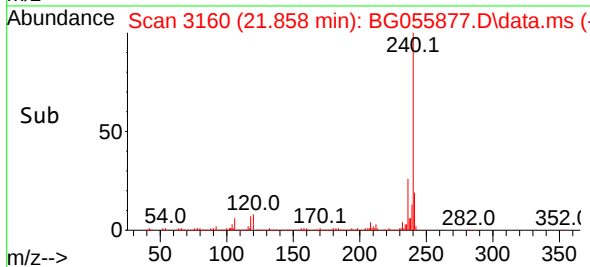
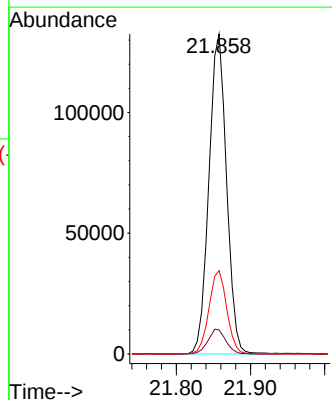
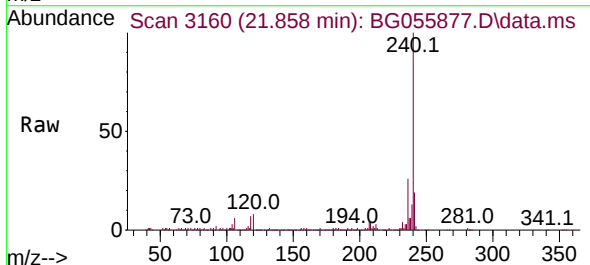
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BNA_G
ClientSampleId :
PE-5

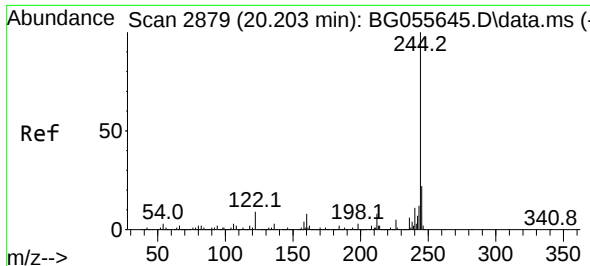
Tgt Ion:188 Resp: 236876
Ion Ratio Lower Upper
188 100
94 7.1 5.4 8.2
80 7.9 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.858 min Scan# 3160
Delta R.T. -0.008 min
Lab File: BG055877.D
Acq: 2 Dec 2022 17:06

Tgt Ion:240 Resp: 218444
Ion Ratio Lower Upper
240 100
120 7.5 6.3 9.5
236 26.0 21.9 32.9

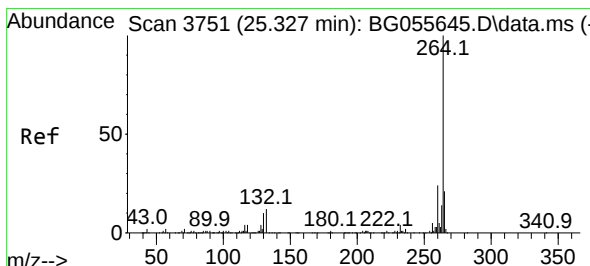
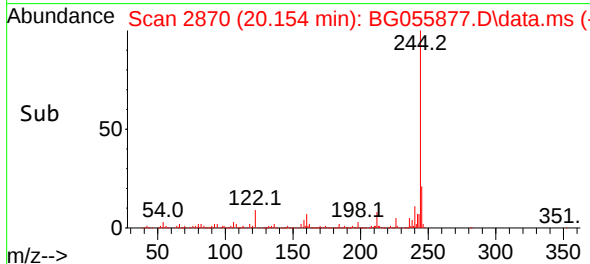
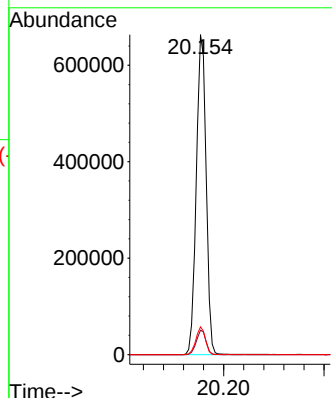
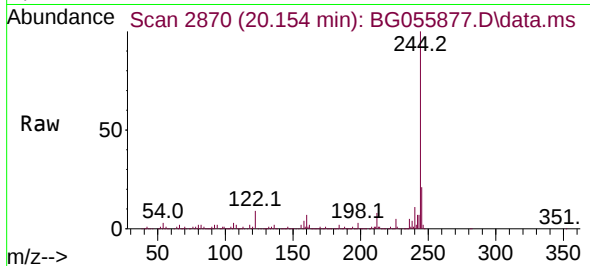




#79
 Terphenyl-d14
 Concen: 82.280 ng
 RT: 20.154 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055877.D
 Acq: 2 Dec 2022 17:06

Instrument :
 BNA_G
 ClientSampleId :
 PE-5

Tgt Ion:244 Resp: 898622
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 8.7 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.230 min Scan# 3734
 Delta R.T. -0.020 min
 Lab File: BG055877.D
 Acq: 2 Dec 2022 17:06

Tgt Ion:264 Resp: 231779
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 21.2 17.1 25.7

