

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
 Data File : BG055241.D
 Acq On : 21 Oct 2022 19:49
 Operator : CG/JU
 Sample : N5217-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-E2-COMP

Quant Time: Oct 22 01:31:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.283	152	44605	20.000	ng	0.00
21) Naphthalene-d8	11.115	136	203843	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	139004	20.000	ng	-0.01
64) Phenanthrene-d10	17.625	188	317863	20.000	ng	-0.01
76) Chrysene-d12	21.908	240	244497	20.000	ng	-0.01
86) Perylene-d12	25.310	264	222423	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.809	112	293505	118.385	ng	0.00
7) Phenol-d6	7.425	99	410119	108.560	ng	0.00
23) Nitrobenzene-d5	9.458	82	255199	60.441	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	149493	103.788	ng	0.00
45) 2-Fluorobiphenyl	13.524	172	544220	62.537	ng	0.00
79) Terphenyl-d14	20.204	244	842064	64.173	ng	0.00

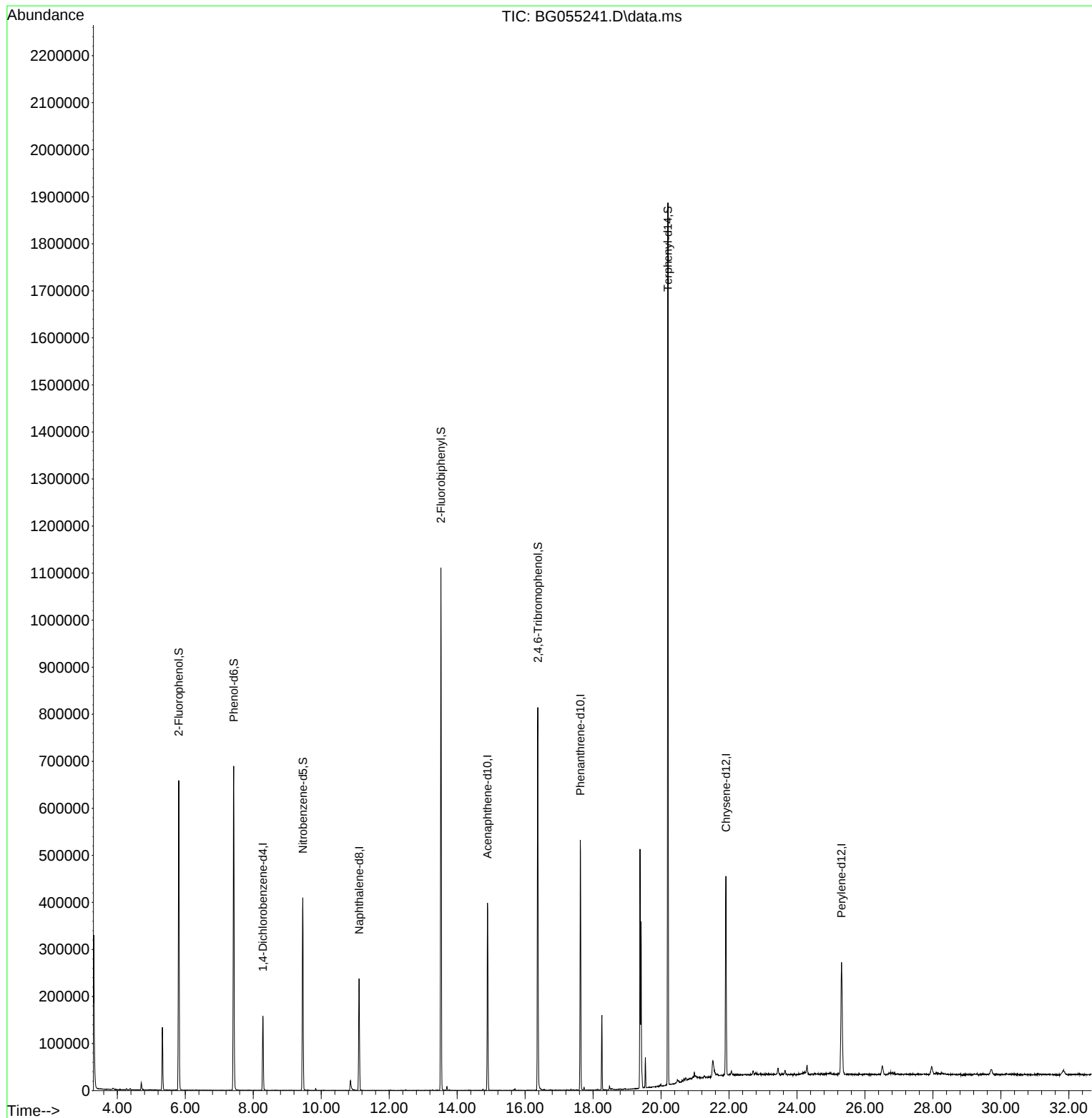
Target Compounds Qvalue

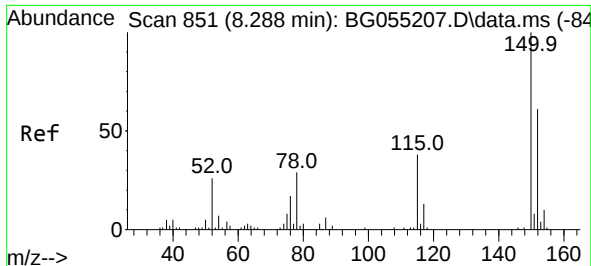
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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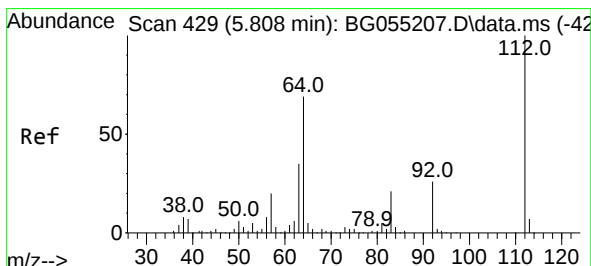
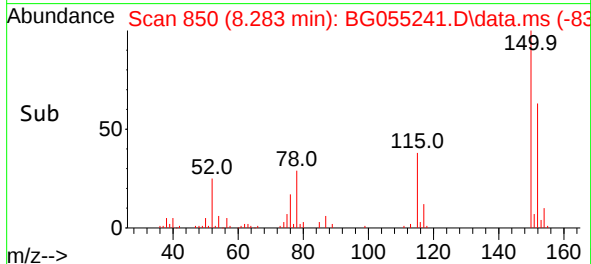
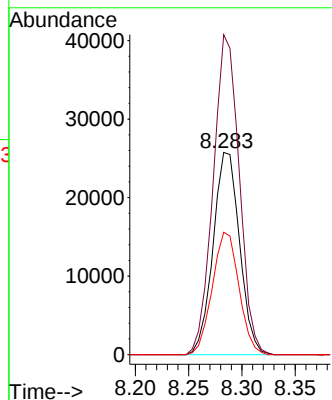
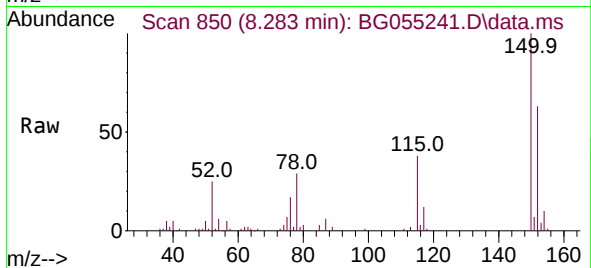




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.283 min Scan# 851
Delta R.T. -0.005 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

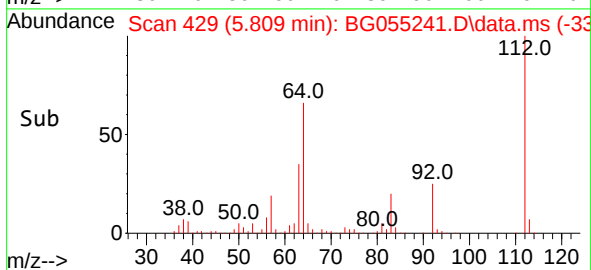
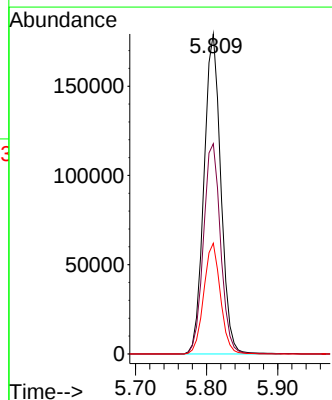
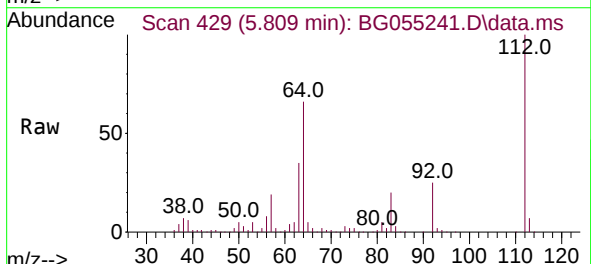
Instrument :
BNA_G
ClientSampleId :
SB-E2-COMP

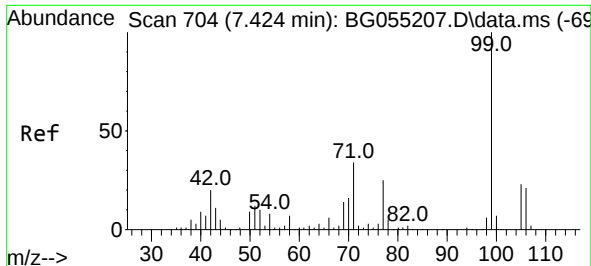
Tgt Ion:152 Resp: 44605
Ion Ratio Lower Upper
152 100
150 158.3 130.2 195.2
115 60.5 50.0 75.0



#5
2-Fluorophenol
Concen: 118.385 ng
RT: 5.809 min Scan# 429
Delta R.T. 0.001 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

Tgt Ion:112 Resp: 293505
Ion Ratio Lower Upper
112 100
64 65.7 55.1 82.7
63 34.6 27.8 41.6

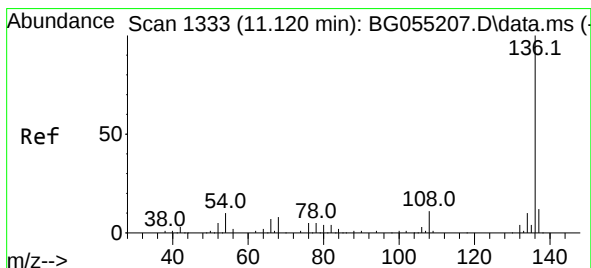
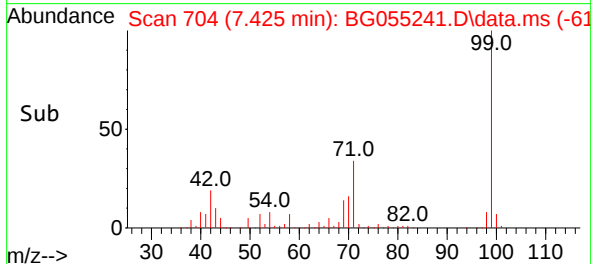
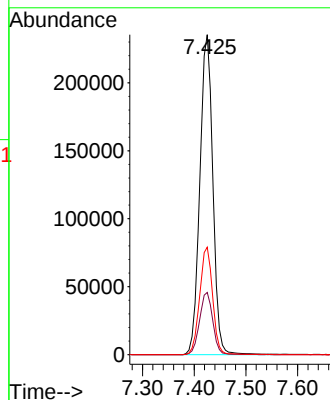
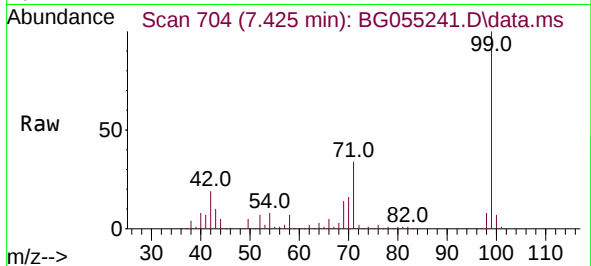




#7
Phenol-d6
Concen: 108.560 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

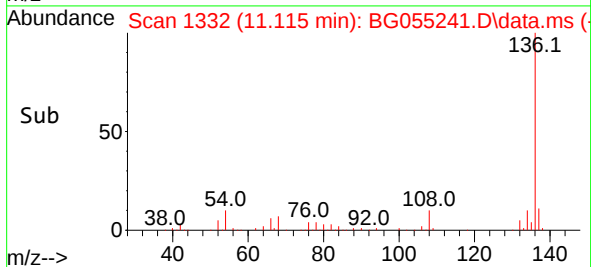
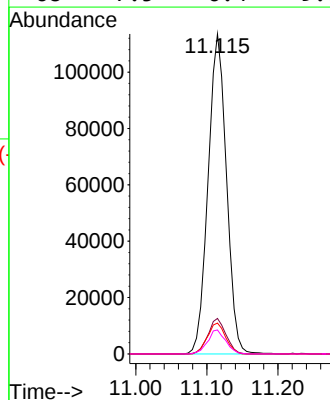
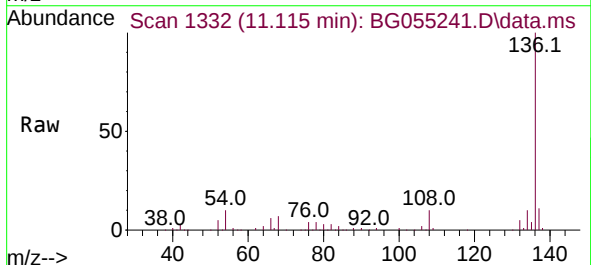
Instrument :
BNA_G
ClientSampleId :
SB-E2-COMP

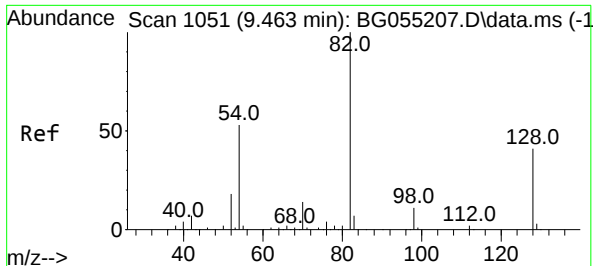
Tgt Ion: 99 Resp: 410119
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.4
71 33.6 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.115 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

Tgt Ion: 136 Resp: 203843
Ion Ratio Lower Upper
136 100
137 11.1 9.3 13.9
54 9.6 8.2 12.4
68 7.5 6.4 9.6





#23

Nitrobenzene-d5

Concen: 60.441 ng

RT: 9.458 min Scan# 1050

Delta R.T. -0.005 min

Lab File: BG055241.D

Acq: 21 Oct 2022 19:49

Instrument :

BNA_G

ClientSampleId :

SB-E2-COMP

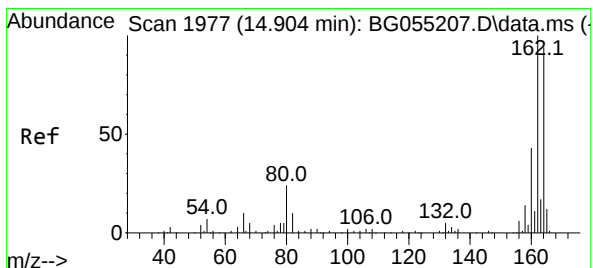
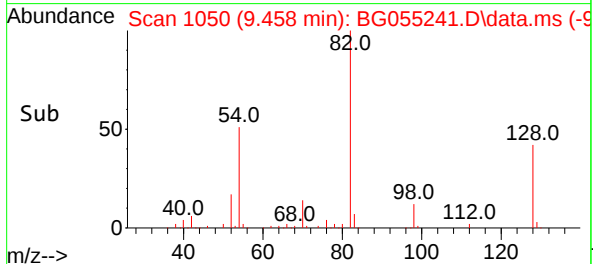
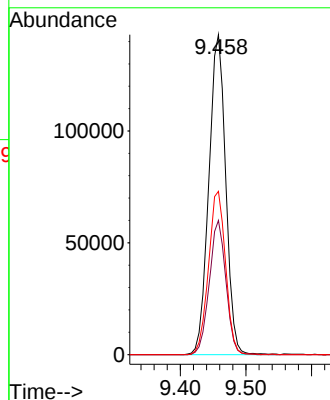
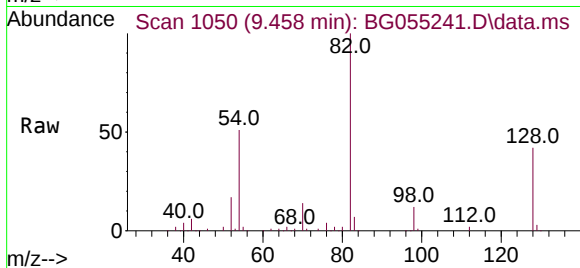
Tgt Ion: 82 Resp: 255199

Ion Ratio Lower Upper

82 100

128 41.9 32.3 48.5

54 51.0 42.6 63.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.893 min Scan# 1975

Delta R.T. -0.011 min

Lab File: BG055241.D

Acq: 21 Oct 2022 19:49

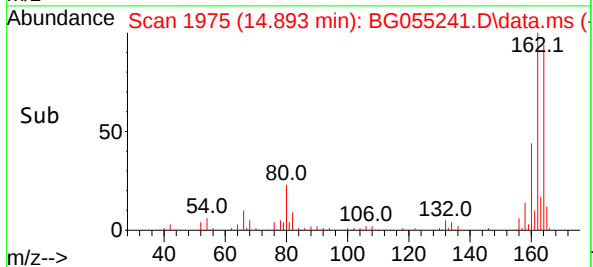
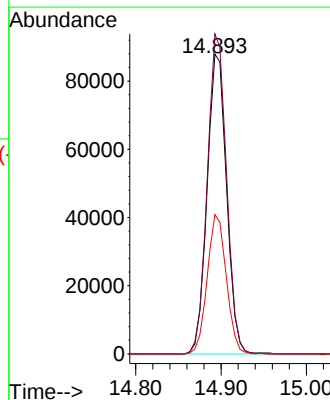
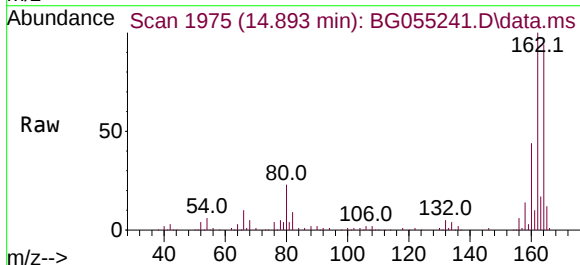
Tgt Ion:164 Resp: 139004

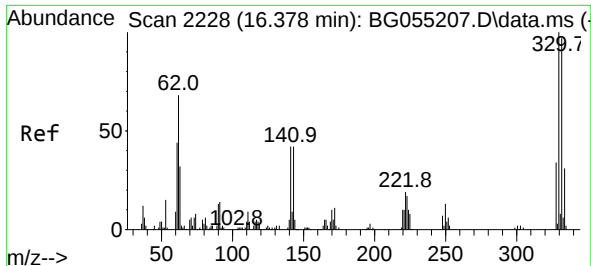
Ion Ratio Lower Upper

164 100

162 106.8 85.2 127.8

160 46.5 36.4 54.6

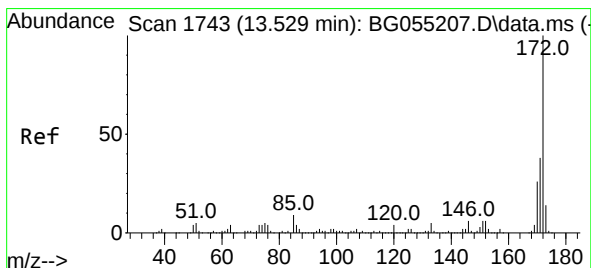
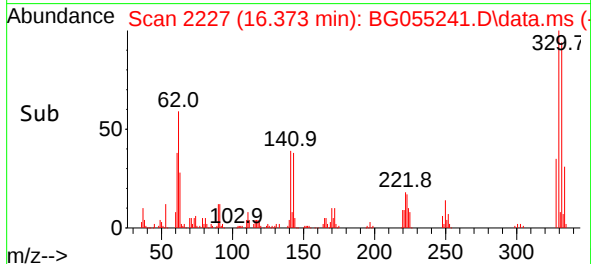
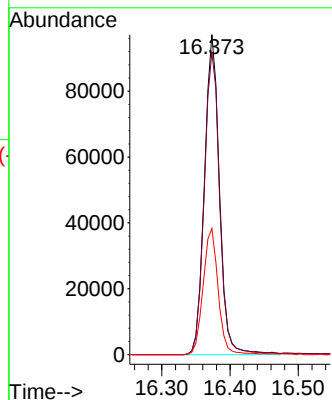
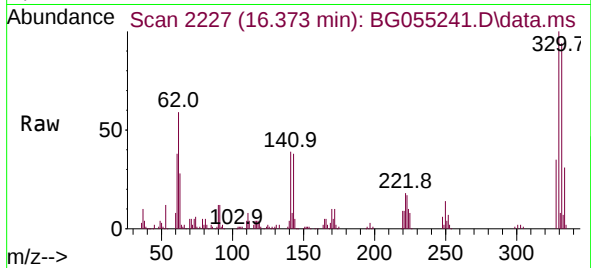




#42
2,4,6-Tribromophenol
Concen: 103.788 ng
RT: 16.373 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

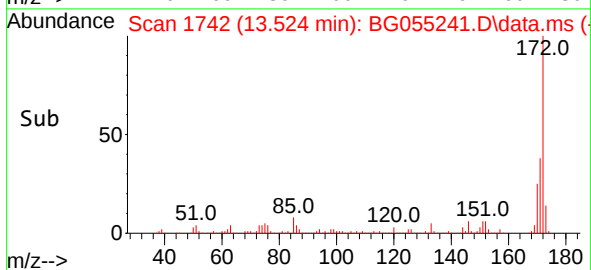
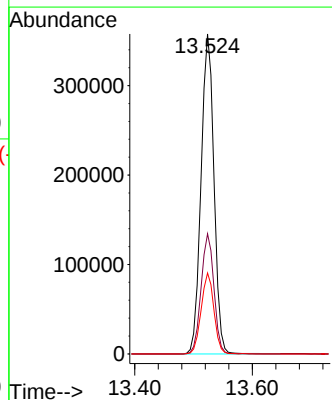
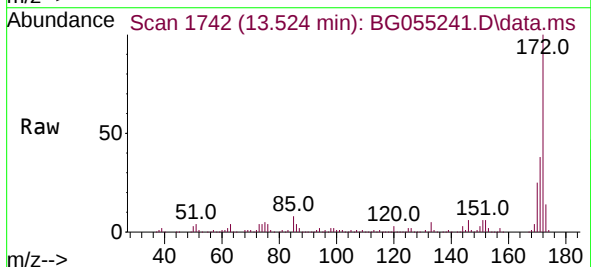
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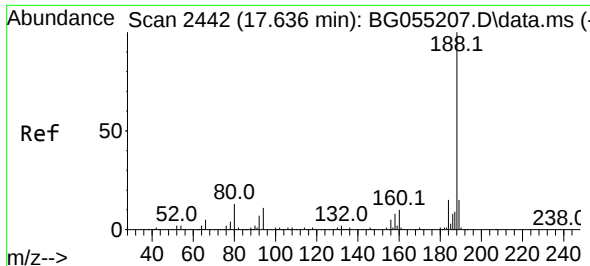
Tgt Ion:330 Resp: 149493
Ion Ratio Lower Upper
330 100
332 96.4 77.5 116.3
141 39.8 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 62.537 ng
RT: 13.524 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

Tgt Ion:172 Resp: 544220
Ion Ratio Lower Upper
172 100
171 37.5 30.3 45.5
170 25.3 20.6 30.8

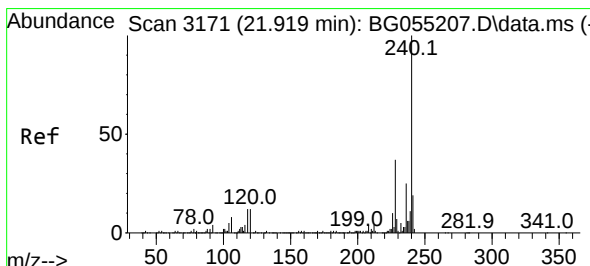
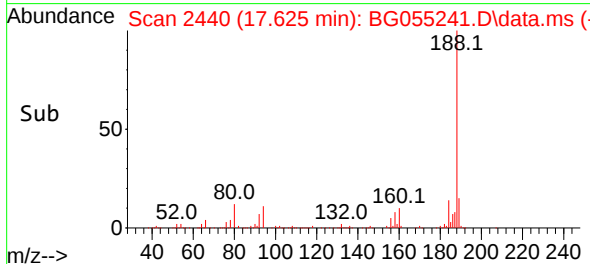
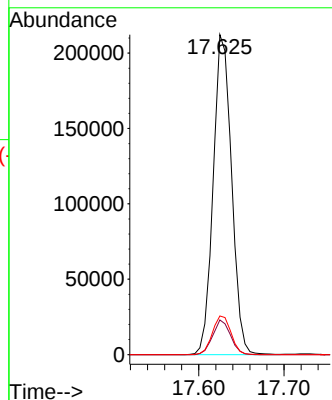
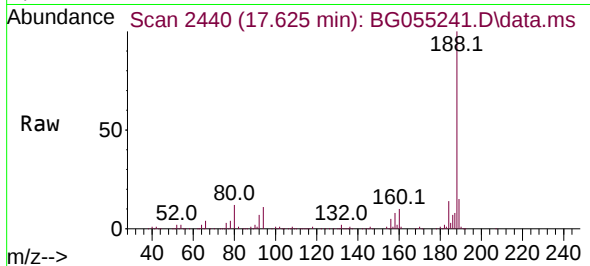




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2442
Delta R.T. -0.011 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

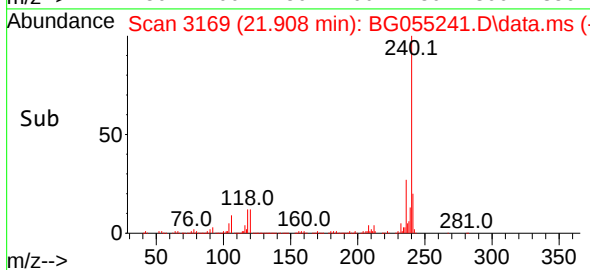
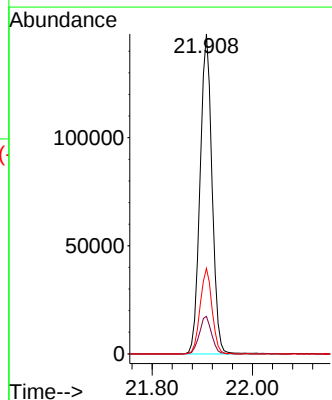
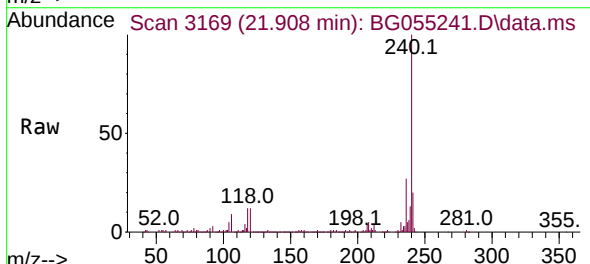
Instrument :
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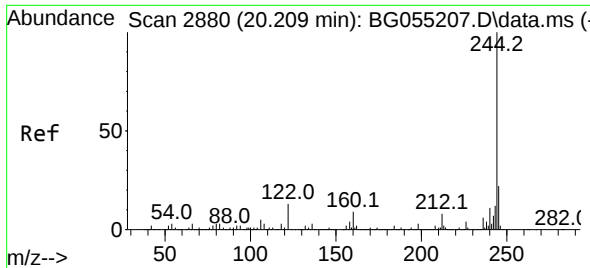
Tgt Ion:188 Resp: 317863
Ion Ratio Lower Upper
188 100
94 10.8 8.6 12.8
80 12.1 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.908 min Scan# 3169
Delta R.T. -0.011 min
Lab File: BG055241.D
Acq: 21 Oct 2022 19:49

Tgt Ion:240 Resp: 244497
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 26.7 20.4 30.6

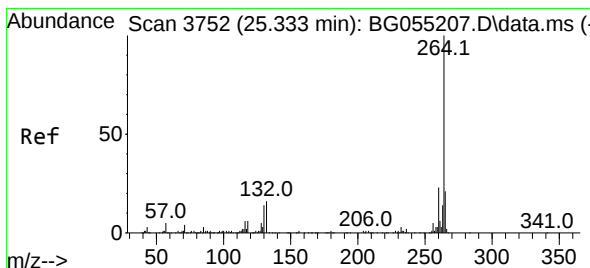
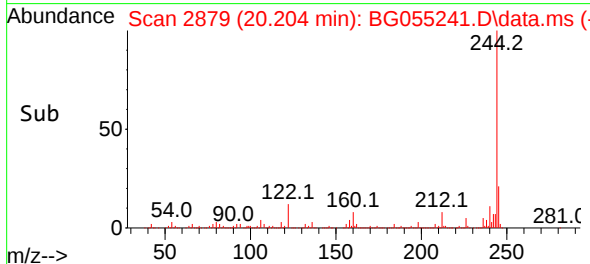
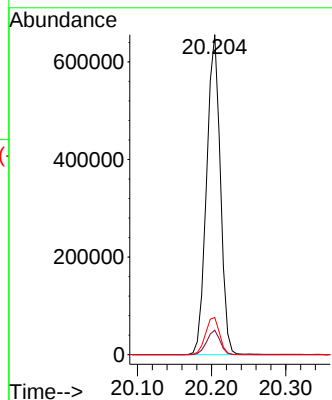
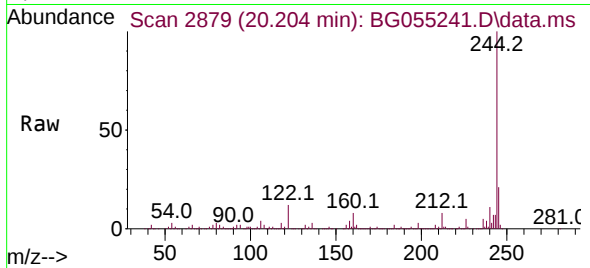




#79
 Terphenyl-d14
 Concen: 64.173 ng
 RT: 20.204 min Scan# 2880
 Delta R.T. -0.005 min
 Lab File: BG055241.D
 Acq: 21 Oct 2022 19:49

Instrument :
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 ClientSampleId :
 SB-E2-COMP

Tgt Ion:244 Resp: 842064
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.3 9.5
 122 11.6 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.310 min Scan# 3748
 Delta R.T. -0.023 min
 Lab File: BG055241.D
 Acq: 21 Oct 2022 19:49

Tgt Ion:264 Resp: 222423
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.6 27.8
 265 22.3 17.1 25.7

