

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
 Data File : BG055243.D
 Acq On : 21 Oct 2022 21:12
 Operator : CG/JU
 Sample : N5217-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-M1-COMP

Quant Time: Oct 22 01:32:34 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	8.285	152	51090	20.000	ng	0.00
21) Naphthalene-d8	11.117	136	222984	20.000	ng	0.00
39) Acenaphthene-d10	14.895	164	137466	20.000	ng	0.00
64) Phenanthrene-d10	17.627	188	281140	20.000	ng	0.00
76) Chrysene-d12	21.904	240	221917	20.000	ng	-0.01
86) Perylene-d12	25.312	264	233666	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.805	112	351545	123.797	ng	0.00
7) Phenol-d6	7.421	99	472724	109.248	ng	0.00
23) Nitrobenzene-d5	9.454	82	296693	64.236	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	154041	108.143	ng	0.00
45) 2-Fluorobiphenyl	13.526	172	592419	68.837	ng	0.00
79) Terphenyl-d14	20.200	244	753690	63.283	ng	0.00

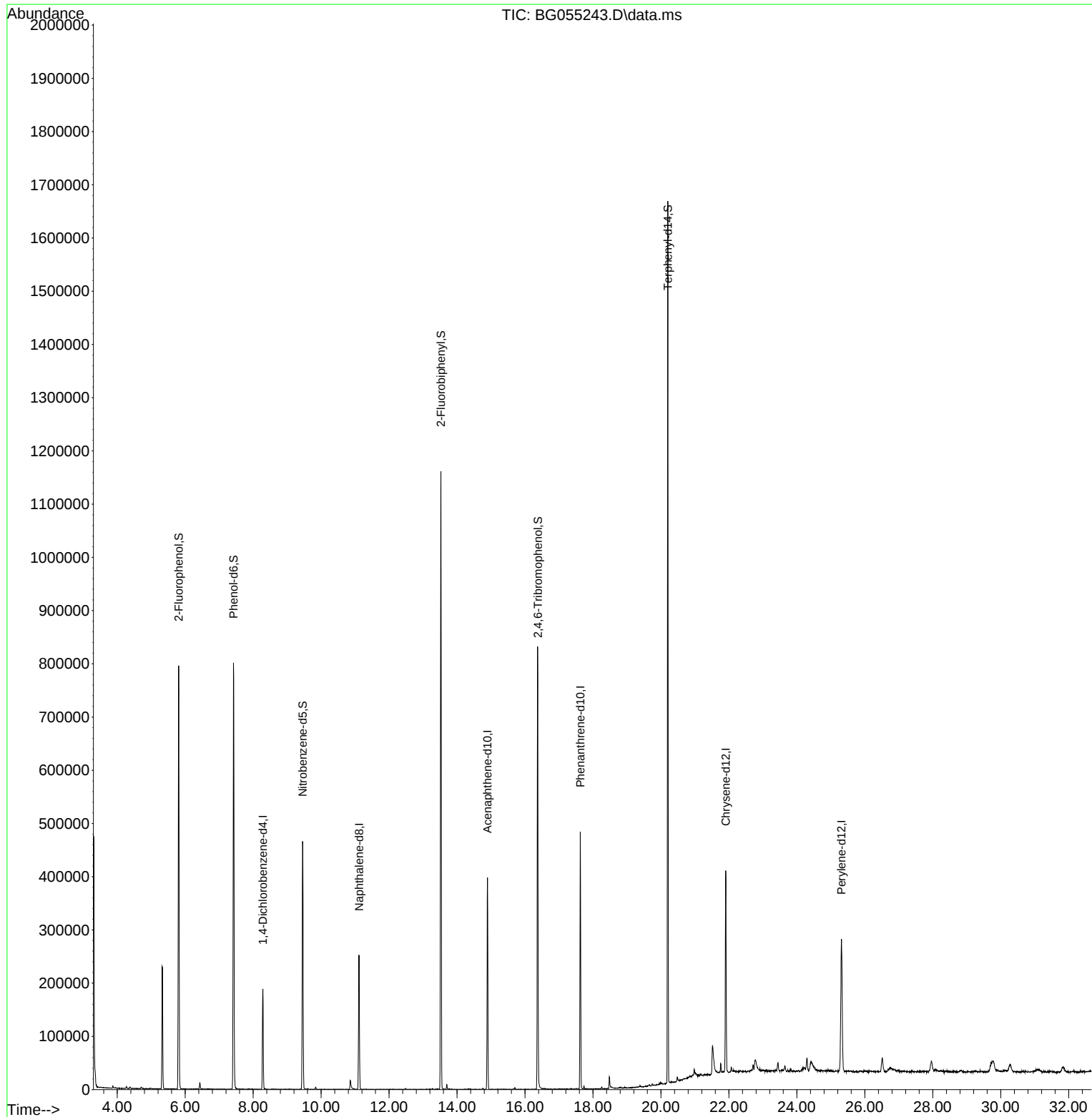
Target Compounds	Qvalue

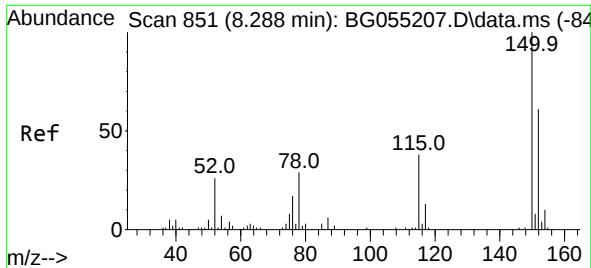
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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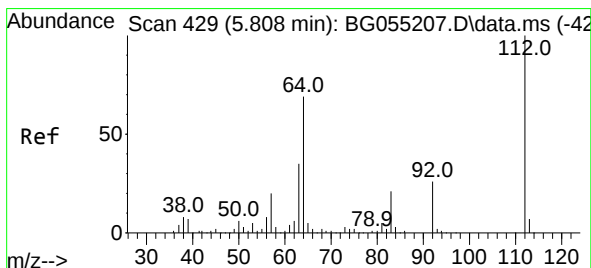
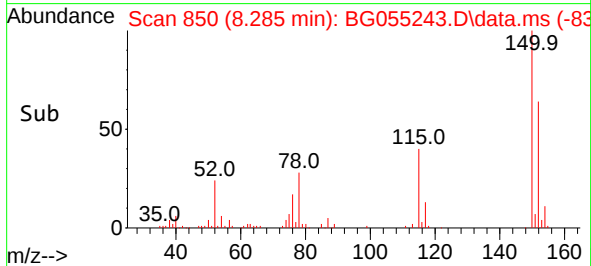
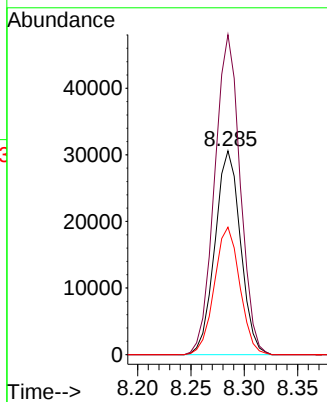
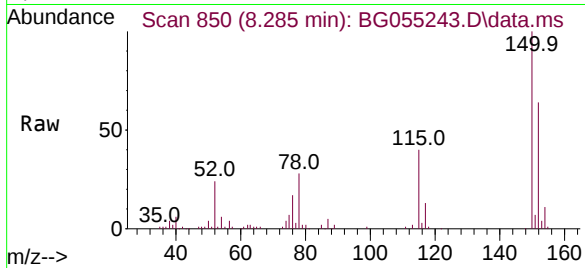




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.285 min Scan# 851
Delta R.T. -0.003 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

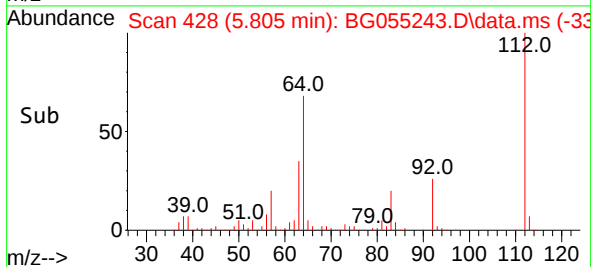
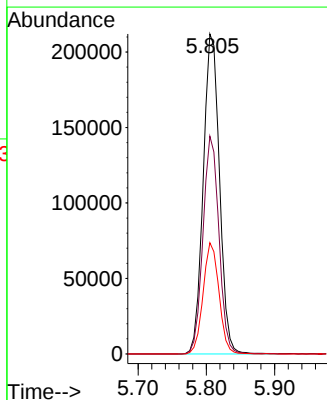
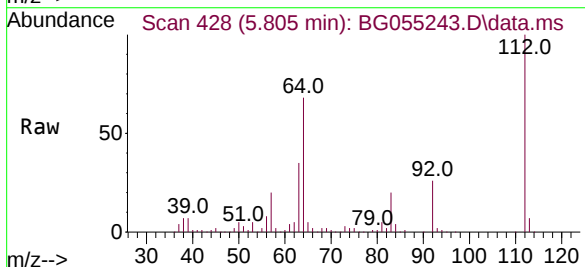
Instrument :
BNA_G
ClientSampleId :
SB-M1-COMP

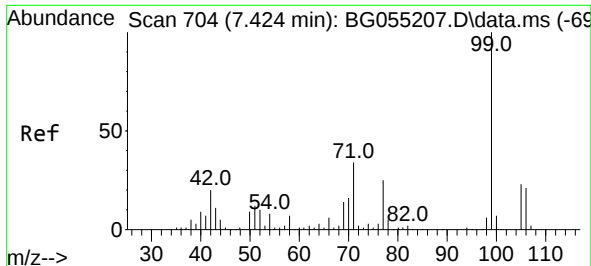
Tgt Ion:152 Resp: 51090
Ion Ratio Lower Upper
152 100
150 157.0 130.2 195.2
115 62.5 50.0 75.0



#5
2-Fluorophenol
Concen: 123.797 ng
RT: 5.805 min Scan# 428
Delta R.T. -0.003 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

Tgt Ion:112 Resp: 351545
Ion Ratio Lower Upper
112 100
64 68.0 55.1 82.7
63 34.7 27.8 41.6

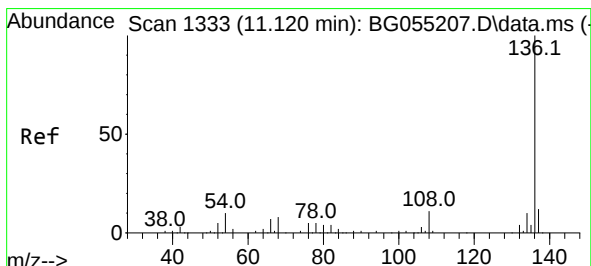
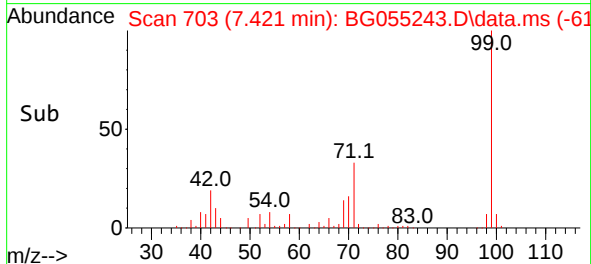
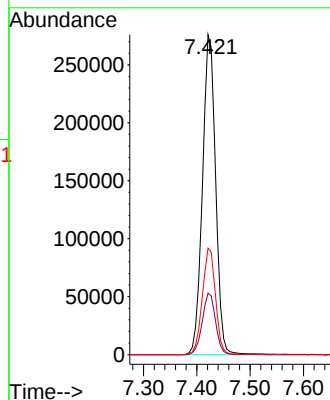
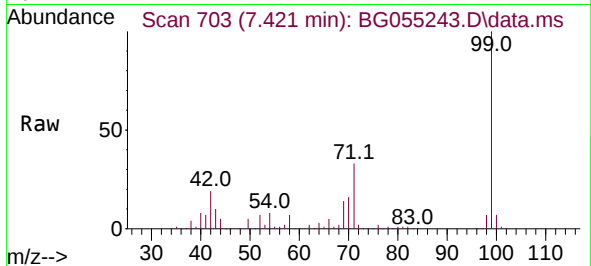




#7
Phenol-d6
Concen: 109.248 ng
RT: 7.421 min Scan# 704
Delta R.T. -0.003 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

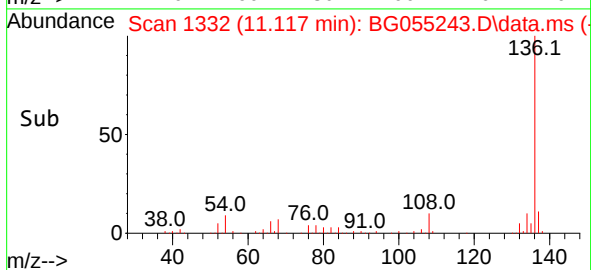
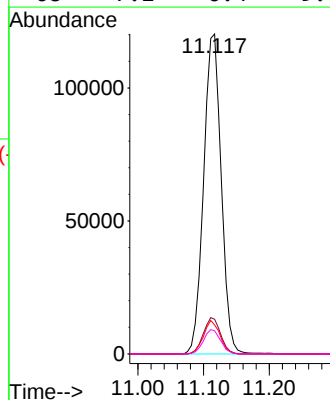
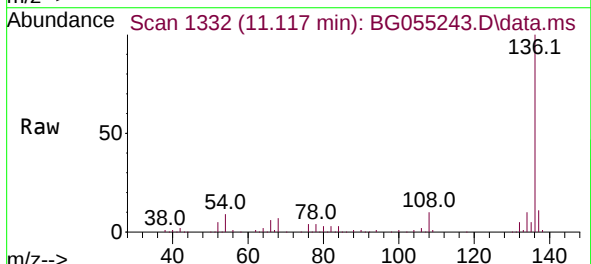
Instrument :
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ClientSampleId :
SB-M1-COMP

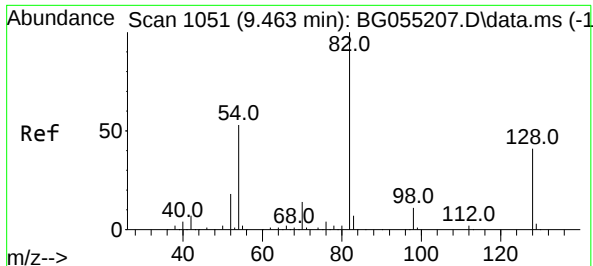
Tgt Ion: 99 Resp: 472724
Ion Ratio Lower Upper
99 100
42 19.2 16.2 24.4
71 33.3 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.117 min Scan# 1332
Delta R.T. -0.003 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

Tgt Ion: 136 Resp: 222984
Ion Ratio Lower Upper
136 100
137 10.9 9.3 13.9
54 9.0 8.2 12.4
68 7.2 6.4 9.6





#23
Nitrobenzene-d5
Concen: 64.236 ng
RT: 9.454 min Scan# 1051
Delta R.T. -0.009 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

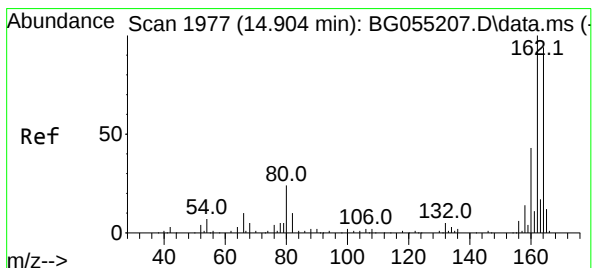
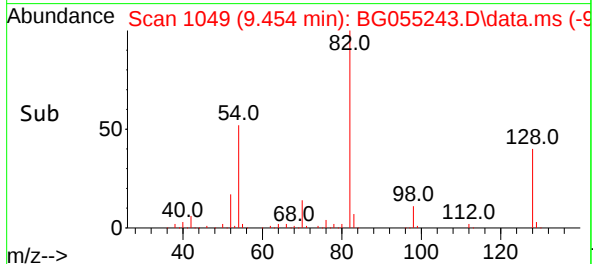
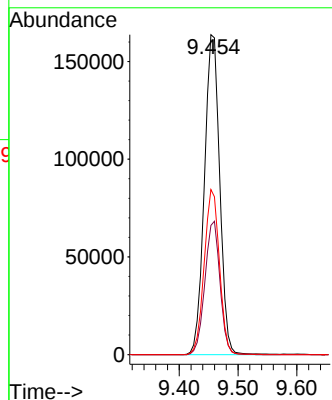
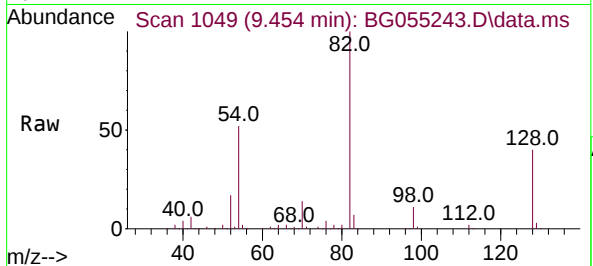
Instrument :

BNA_G

ClientSampleId :

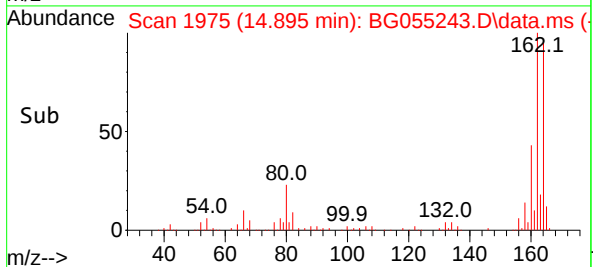
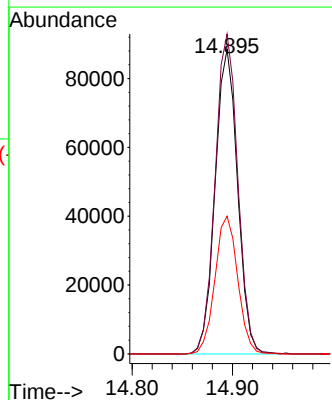
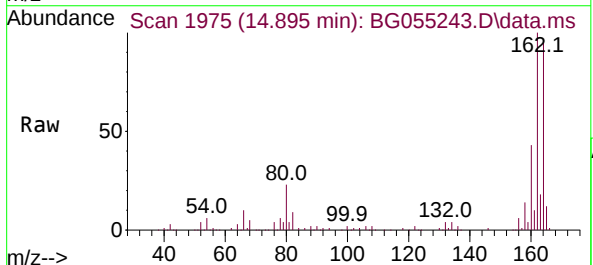
SB-M1-COMP

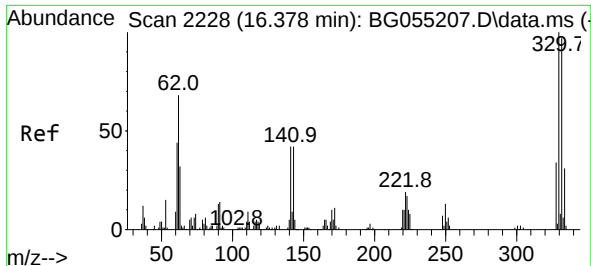
Tgt Ion: 82 Resp: 296693
Ion Ratio Lower Upper
82 100
128 40.4 32.3 48.5
54 51.6 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.895 min Scan# 1775
Delta R.T. -0.009 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

Tgt Ion:164 Resp: 137466
Ion Ratio Lower Upper
164 100
162 105.0 85.2 127.8
160 45.2 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 108.143 ng

RT: 16.375 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055243.D

Acq: 21 Oct 2022 21:12

Instrument :

BNA_G

ClientSampleId :

SB-M1-COMP

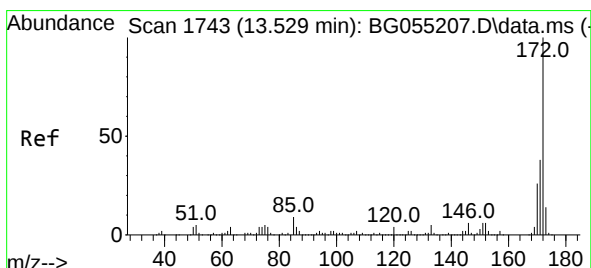
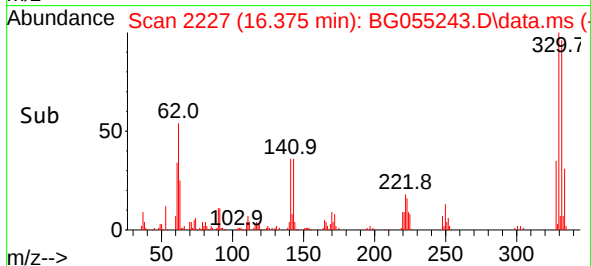
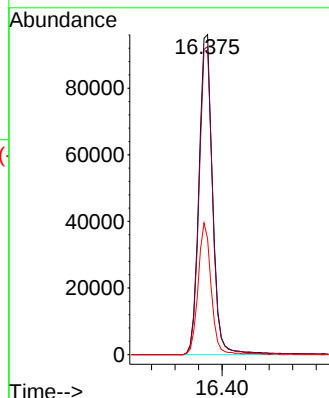
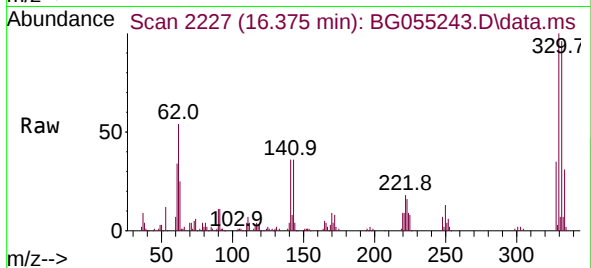
Tgt Ion:330 Resp: 154041

Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 39.2 33.5 50.3



#45

2-Fluorobiphenyl

Concen: 68.837 ng

RT: 13.526 min Scan# 1742

Delta R.T. -0.003 min

Lab File: BG055243.D

Acq: 21 Oct 2022 21:12

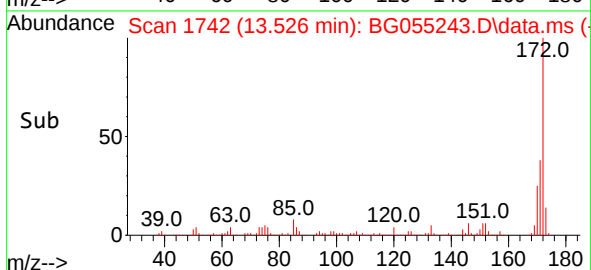
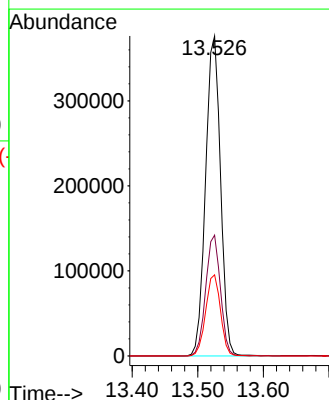
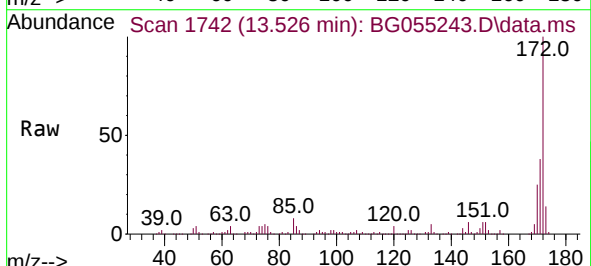
Tgt Ion:172 Resp: 592419

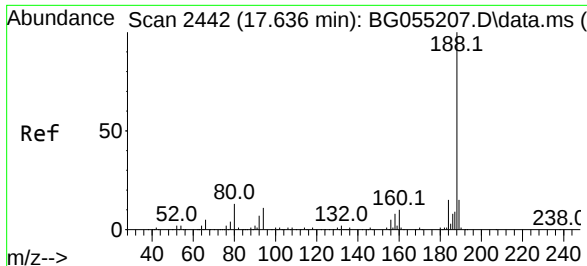
Ion Ratio Lower Upper

172 100

171 37.7 30.3 45.5

170 25.3 20.6 30.8

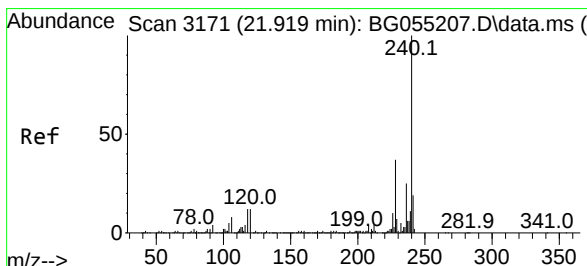
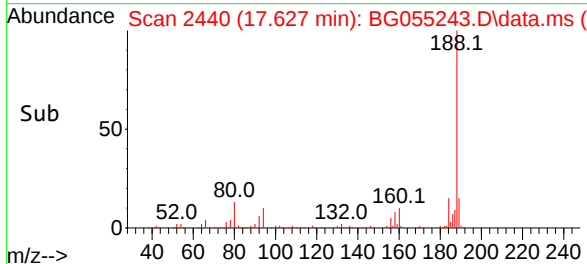
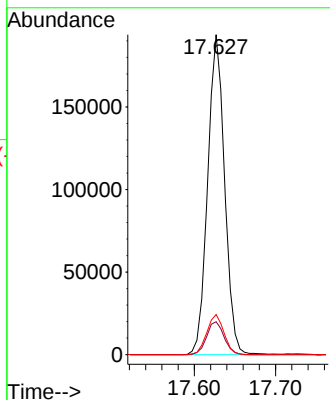
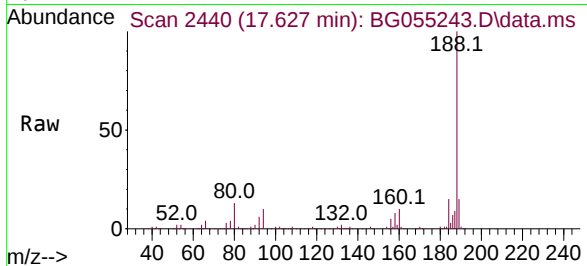




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.627 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

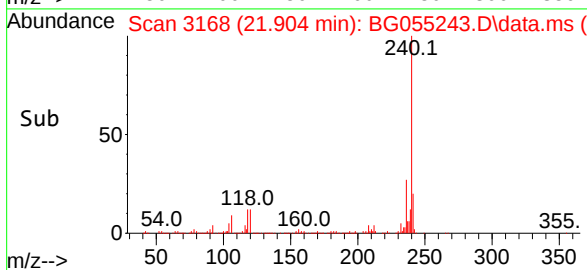
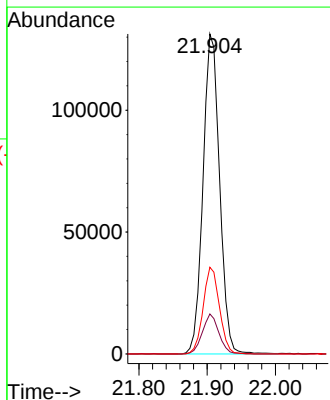
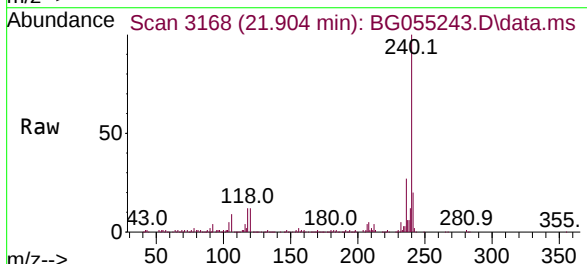
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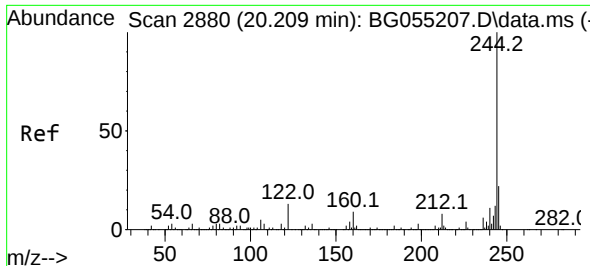
Tgt Ion:188 Resp: 281140
Ion Ratio Lower Upper
188 100
94 10.3 8.6 12.8
80 12.5 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.904 min Scan# 3168
Delta R.T. -0.015 min
Lab File: BG055243.D
Acq: 21 Oct 2022 21:12

Tgt Ion:240 Resp: 221917
Ion Ratio Lower Upper
240 100
120 12.5 9.2 13.8
236 27.1 20.4 30.6

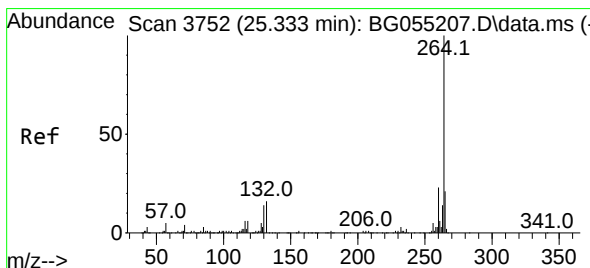
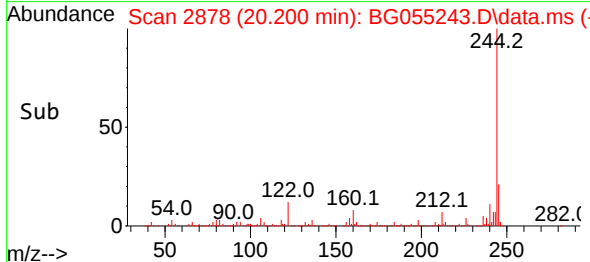
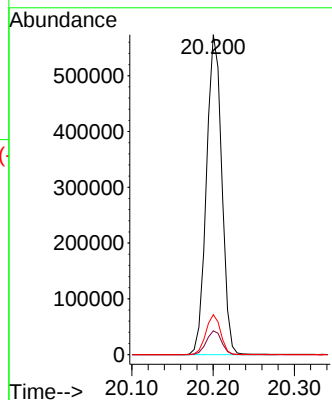
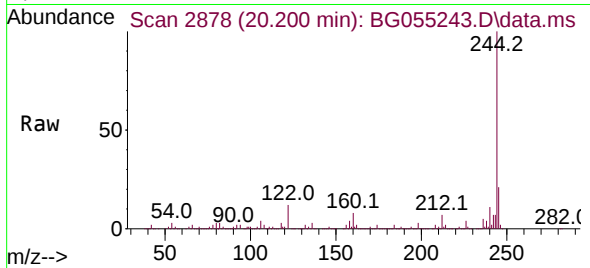




#79
 Terphenyl-d14
 Concen: 63.283 ng
 RT: 20.200 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG055243.D
 Acq: 21 Oct 2022 21:12

Instrument :
 BNA_G
 ClientSampleId :
 SB-M1-COMP

Tgt Ion:244 Resp: 753690
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.3 9.5
 122 12.5 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.312 min Scan# 3748
 Delta R.T. -0.021 min
 Lab File: BG055243.D
 Acq: 21 Oct 2022 21:12

Tgt Ion:264 Resp: 233666
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.6 27.8
 265 22.4 17.1 25.7

