

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
 Data File : BG055238.D
 Acq On : 21 Oct 2022 17:44
 Operator : CG/JU
 Sample : N5217-18
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-C1-COMP

Quant Time: Oct 22 01:30:11 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	8.284	152	39197	20.000	ng	0.00
21) Naphthalene-d8	11.116	136	179982	20.000	ng	0.00
39) Acenaphthene-d10	14.894	164	129749	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	306467	20.000	ng	0.00
76) Chrysene-d12	21.910	240	235979	20.000	ng	0.00
86) Perylene-d12	25.317	264	217183	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	331597	152.203	ng	0.00
7) Phenol-d6	7.427	99	465075	140.092	ng	0.00
23) Nitrobenzene-d5	9.459	82	290209	77.845	ng	0.00
42) 2,4,6-Tribromophenol	16.375	330	196488	146.146	ng	0.00
45) 2-Fluorobiphenyl	13.525	172	653223	80.417	ng	0.00
79) Terphenyl-d14	20.206	244	1085592	85.719	ng	0.00

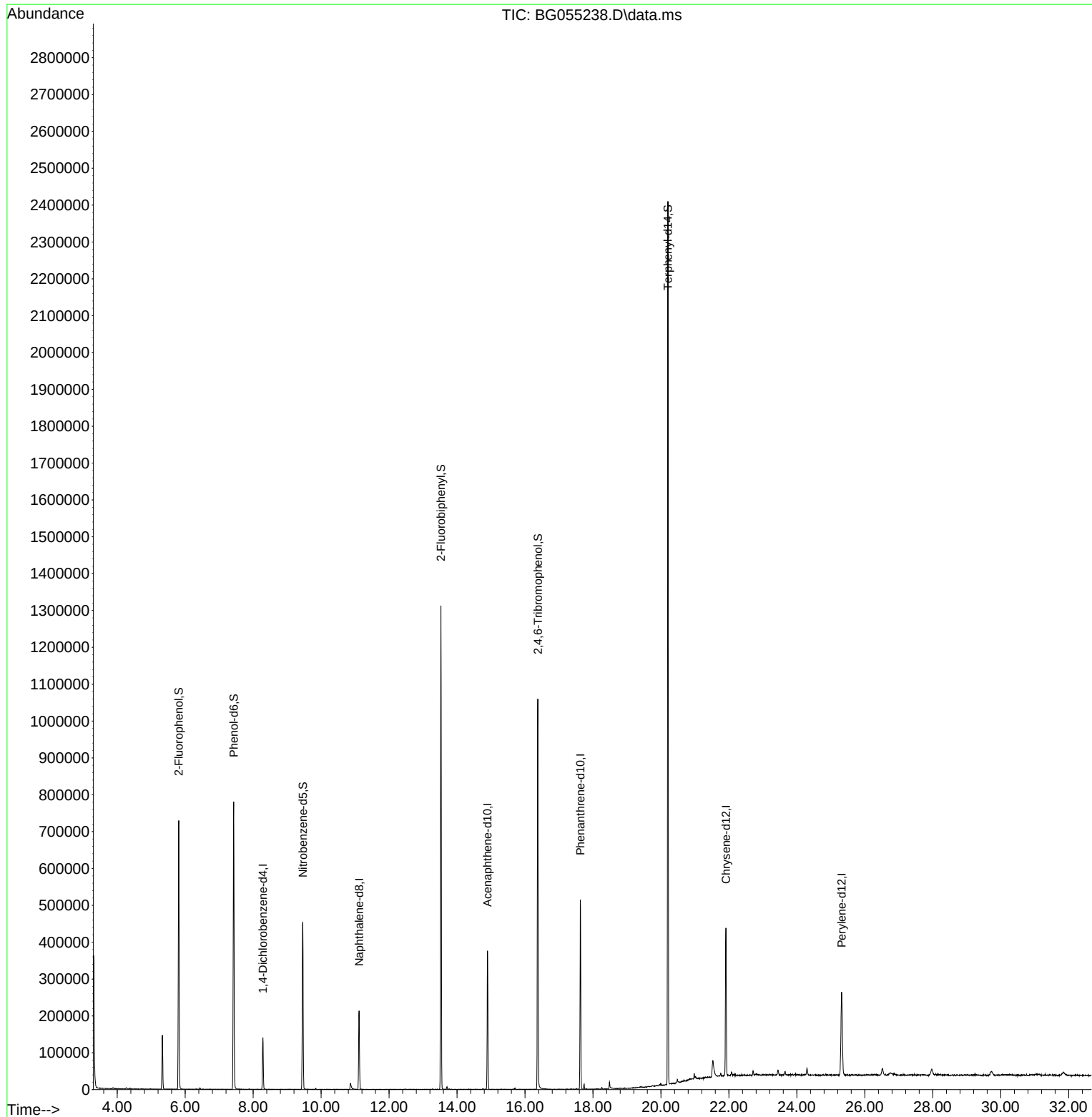
Target Compounds Qvalue

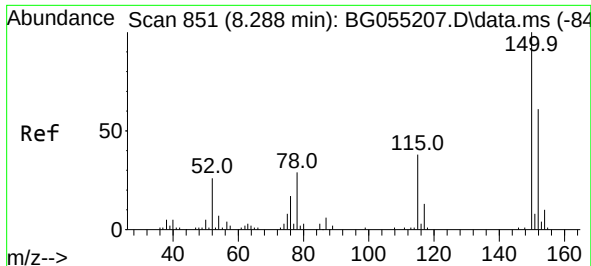
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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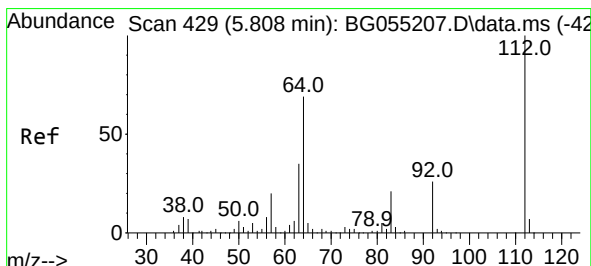
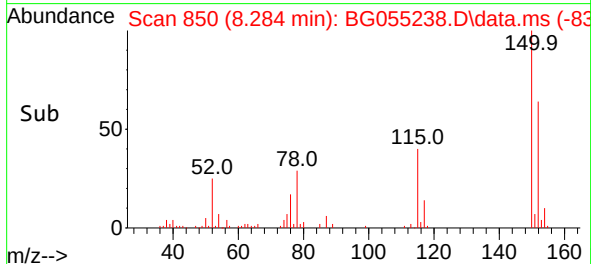
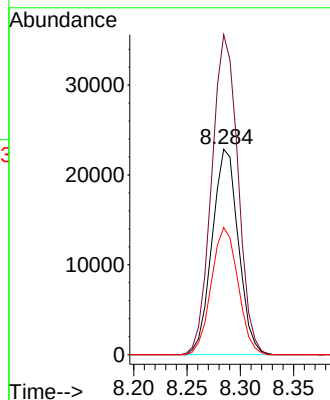
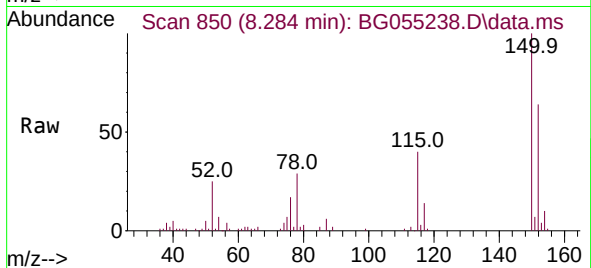




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.284 min Scan# 851
Delta R.T. -0.004 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

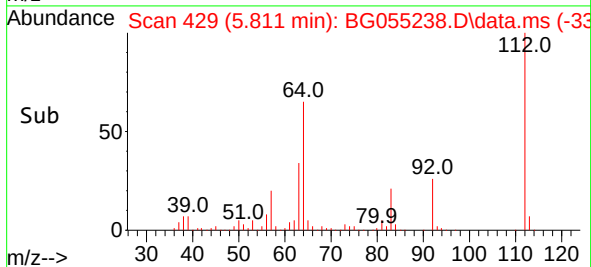
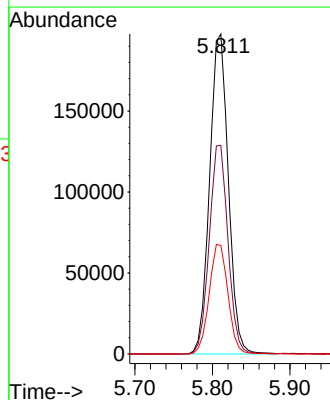
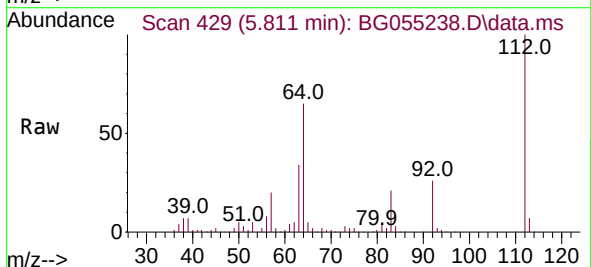
Instrument :
BNA_G
ClientSampleId :
SB-C1-COMP

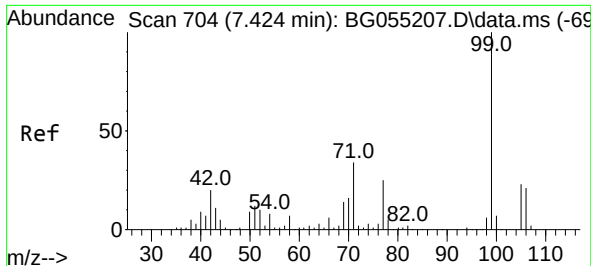
Tgt Ion:152 Resp: 39197
Ion Ratio Lower Upper
152 100
150 155.9 130.2 195.2
115 61.9 50.0 75.0



#5
2-Fluorophenol
Concen: 152.203 ng
RT: 5.811 min Scan# 429
Delta R.T. 0.003 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

Tgt Ion:112 Resp: 331597
Ion Ratio Lower Upper
112 100
64 65.2 55.1 82.7
63 33.9 27.8 41.6

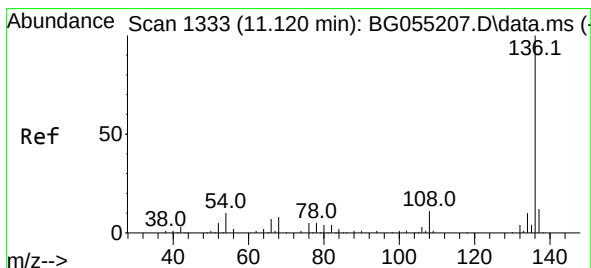
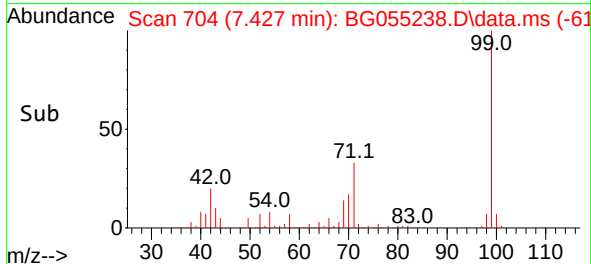
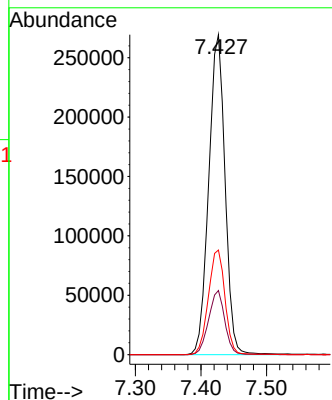
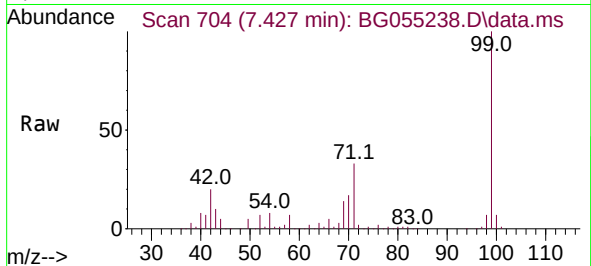




#7
Phenol-d6
Concen: 140.092 ng
RT: 7.427 min Scan# 704
Delta R.T. 0.003 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

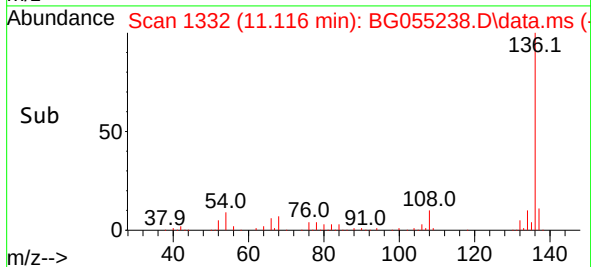
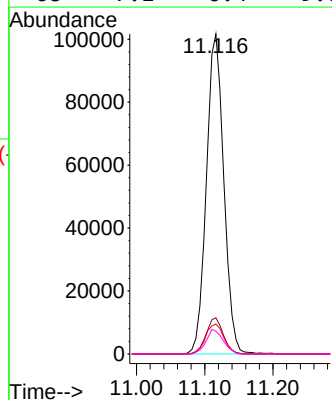
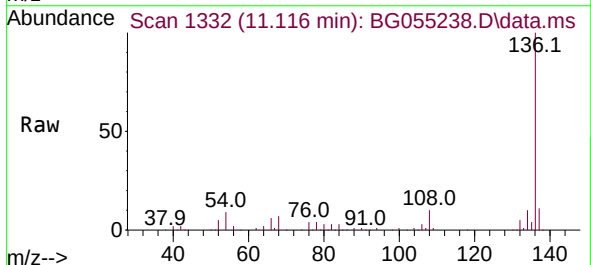
Instrument :
BNA_G
ClientSampleId :
SB-C1-COMP

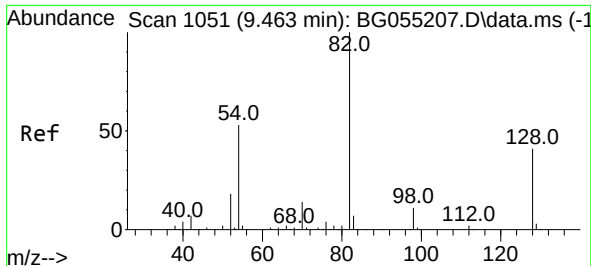
Tgt Ion: 99 Resp: 465075
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.4
71 32.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.116 min Scan# 1332
Delta R.T. -0.004 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

Tgt Ion: 136 Resp: 179982
Ion Ratio Lower Upper
136 100
137 11.3 9.3 13.9
54 9.3 8.2 12.4
68 7.1 6.4 9.6





#23
Nitrobenzene-d5
Concen: 77.845 ng
RT: 9.459 min Scan# 1050
Delta R.T. -0.004 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

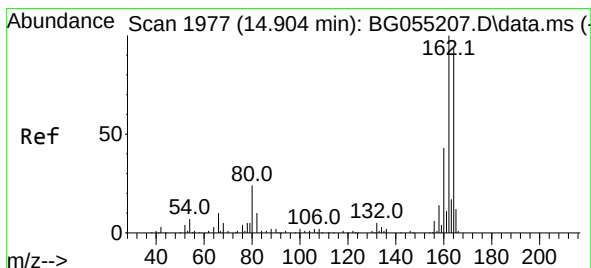
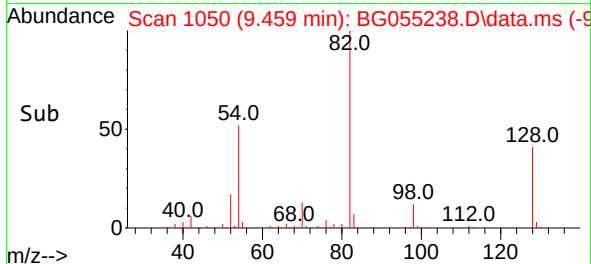
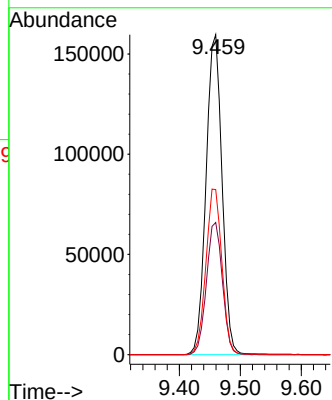
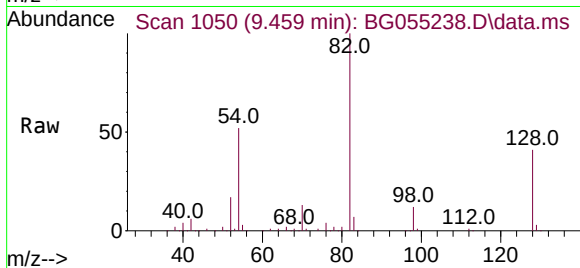
Instrument :

BNA_G

ClientSampleId :

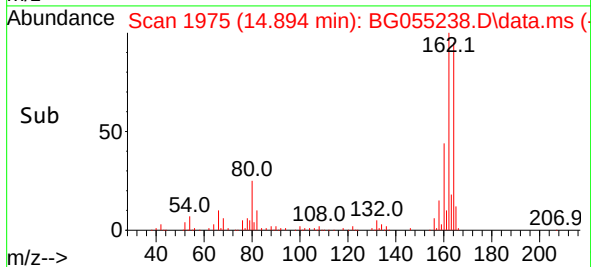
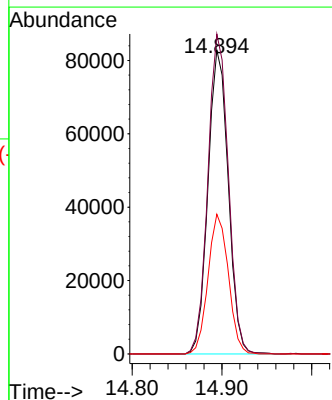
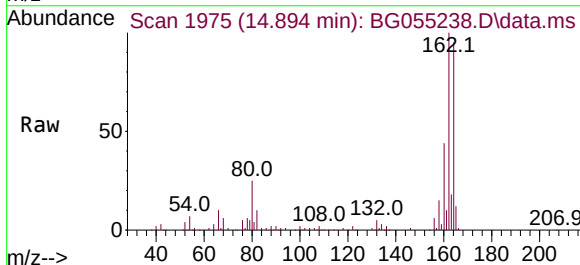
SB-C1-COMP

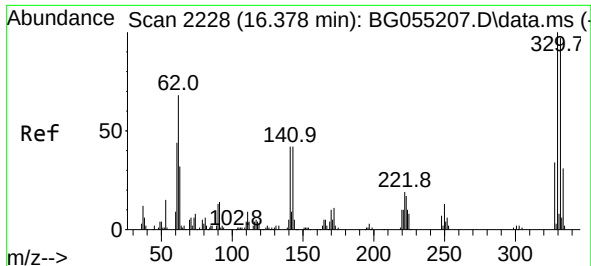
Tgt Ion: 82 Resp: 290209
Ion Ratio Lower Upper
82 100
128 41.3 32.3 48.5
54 51.6 42.6 63.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.894 min Scan# 1975
Delta R.T. -0.010 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

Tgt Ion:164 Resp: 129749
Ion Ratio Lower Upper
164 100
162 105.3 85.2 127.8
160 46.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 146.146 ng

RT: 16.375 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055238.D

Acq: 21 Oct 2022 17:44

Instrument :

BNA_G

ClientSampleId :

SB-C1-COMP

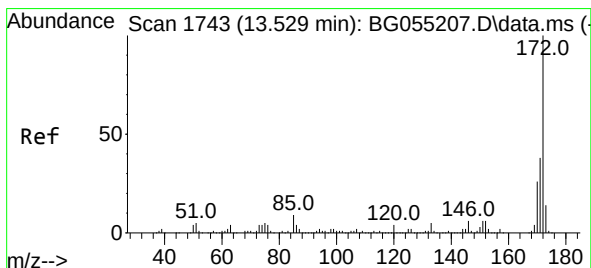
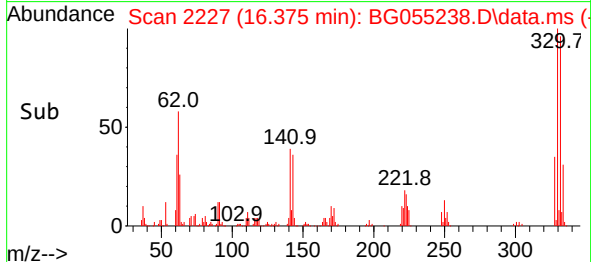
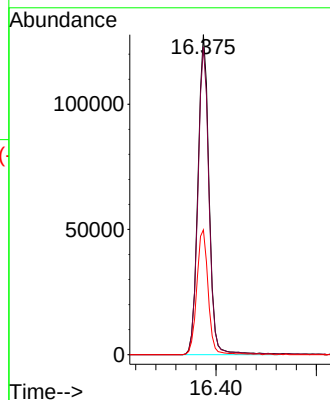
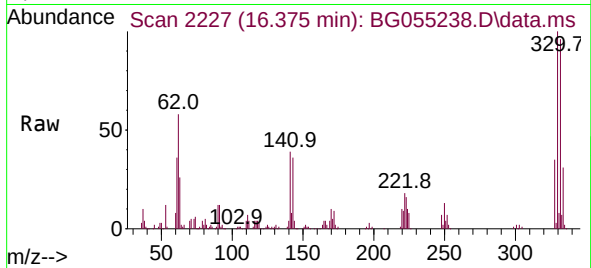
Tgt Ion:330 Resp: 196488

Ion Ratio Lower Upper

330 100

332 95.7 77.5 116.3

141 39.8 33.5 50.3



#45

2-Fluorobiphenyl

Concen: 80.417 ng

RT: 13.525 min Scan# 1742

Delta R.T. -0.004 min

Lab File: BG055238.D

Acq: 21 Oct 2022 17:44

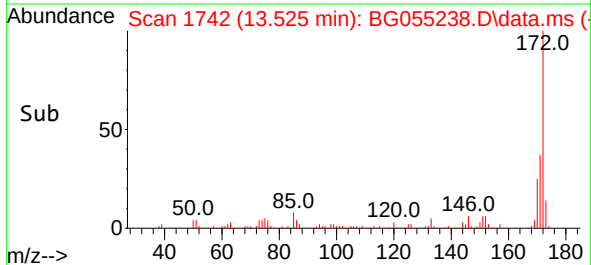
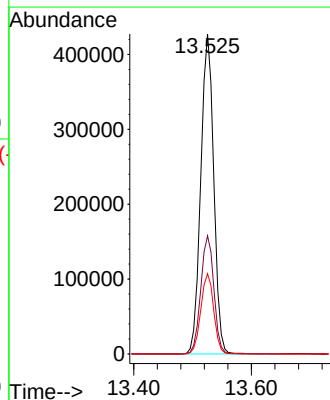
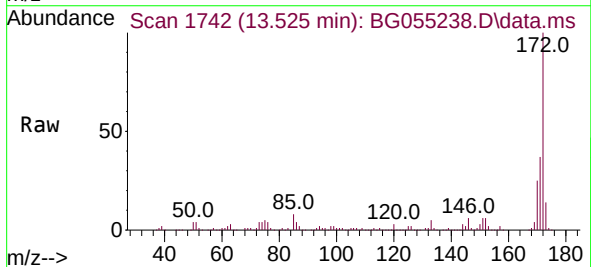
Tgt Ion:172 Resp: 653223

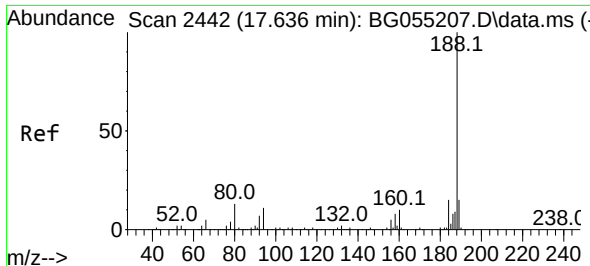
Ion Ratio Lower Upper

172 100

171 36.9 30.3 45.5

170 25.1 20.6 30.8

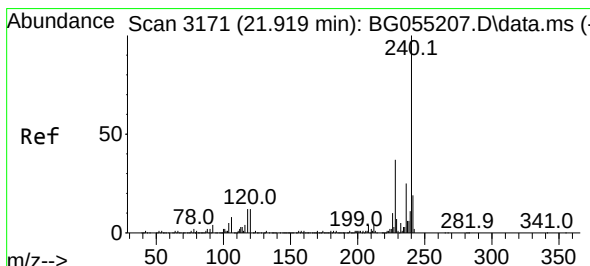
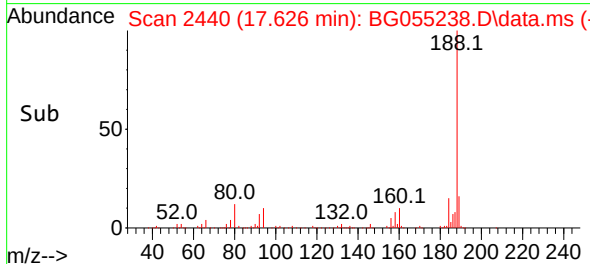
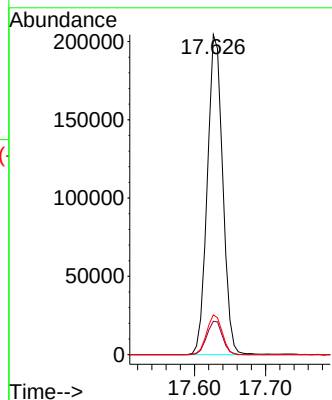
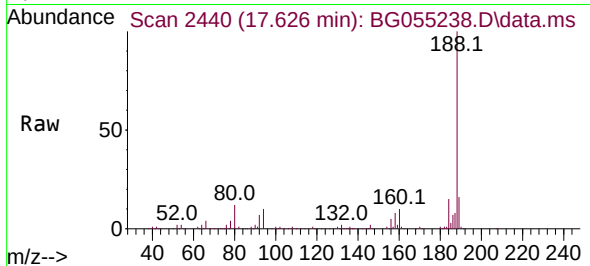




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2442
Delta R.T. -0.009 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

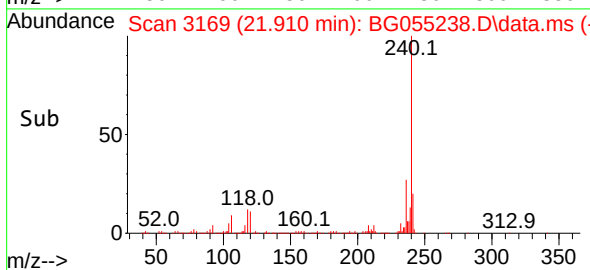
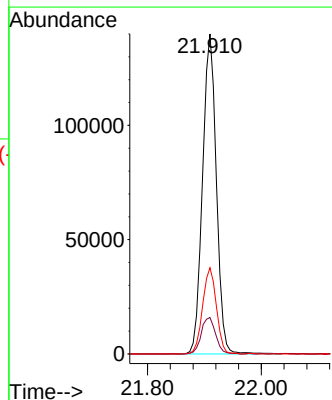
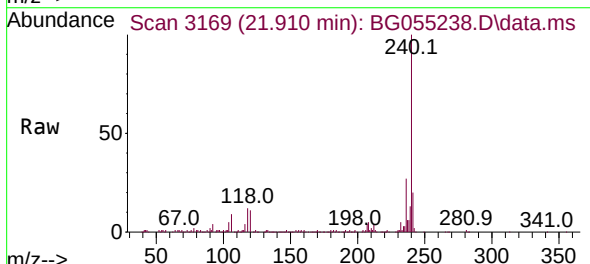
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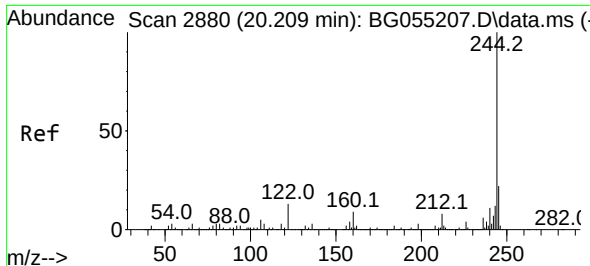
Tgt Ion:188 Resp: 306467
Ion Ratio Lower Upper
188 100
94 10.4 8.6 12.8
80 12.4 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.910 min Scan# 3169
Delta R.T. -0.009 min
Lab File: BG055238.D
Acq: 21 Oct 2022 17:44

Tgt Ion:240 Resp: 235979
Ion Ratio Lower Upper
240 100
120 11.4 9.2 13.8
236 26.9 20.4 30.6

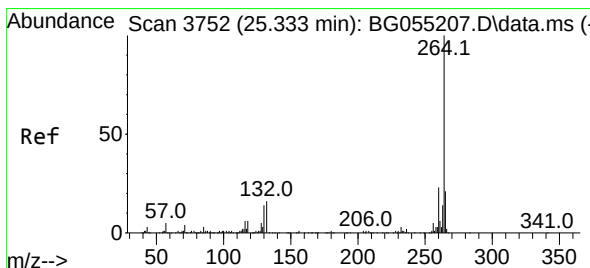
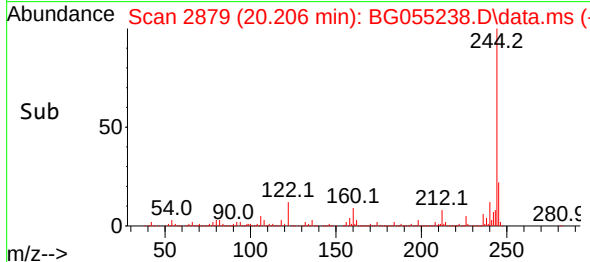
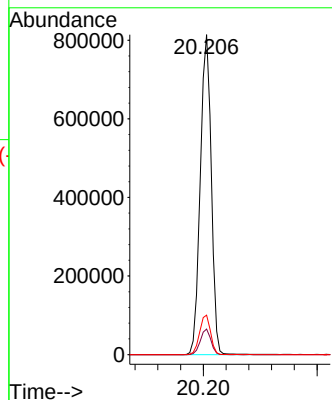
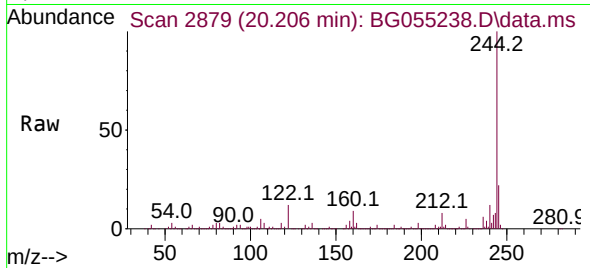




#79
 Terphenyl-d14
 Concen: 85.719 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055238.D
 Acq: 21 Oct 2022 17:44

Instrument :
 BNA_G
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Tgt Ion:244 Resp: 1085592
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 12.3 10.0 15.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.317 min Scan# 3749
 Delta R.T. -0.015 min
 Lab File: BG055238.D
 Acq: 21 Oct 2022 17:44

Tgt Ion:264 Resp: 217183
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.6 27.8
 265 22.1 17.1 25.7

