

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102122\
 Data File : BG055242.D
 Acq On : 21 Oct 2022 20:30
 Operator : CG/JU
 Sample : N5217-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-D1-COMP

Quant Time: Oct 22 01:32:15 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	42853	20.000	ng	0.00
21) Naphthalene-d8	11.115	136	185379	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	117683	20.000	ng	-0.01
64) Phenanthrene-d10	17.631	188	245434	20.000	ng	0.00
76) Chrysene-d12	21.909	240	205883	20.000	ng	-0.01
86) Perylene-d12	25.316	264	215137	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.810	112	307959	129.293	ng	0.00
7) Phenol-d6	7.426	99	420033	115.730	ng	0.00
23) Nitrobenzene-d5	9.459	82	264751	68.948	ng	0.00
42) 2,4,6-Tribromophenol	16.374	330	135641	111.233	ng	0.00
45) 2-Fluorobiphenyl	13.524	172	531817	72.183	ng	0.00
79) Terphenyl-d14	20.205	244	725958	65.701	ng	0.00

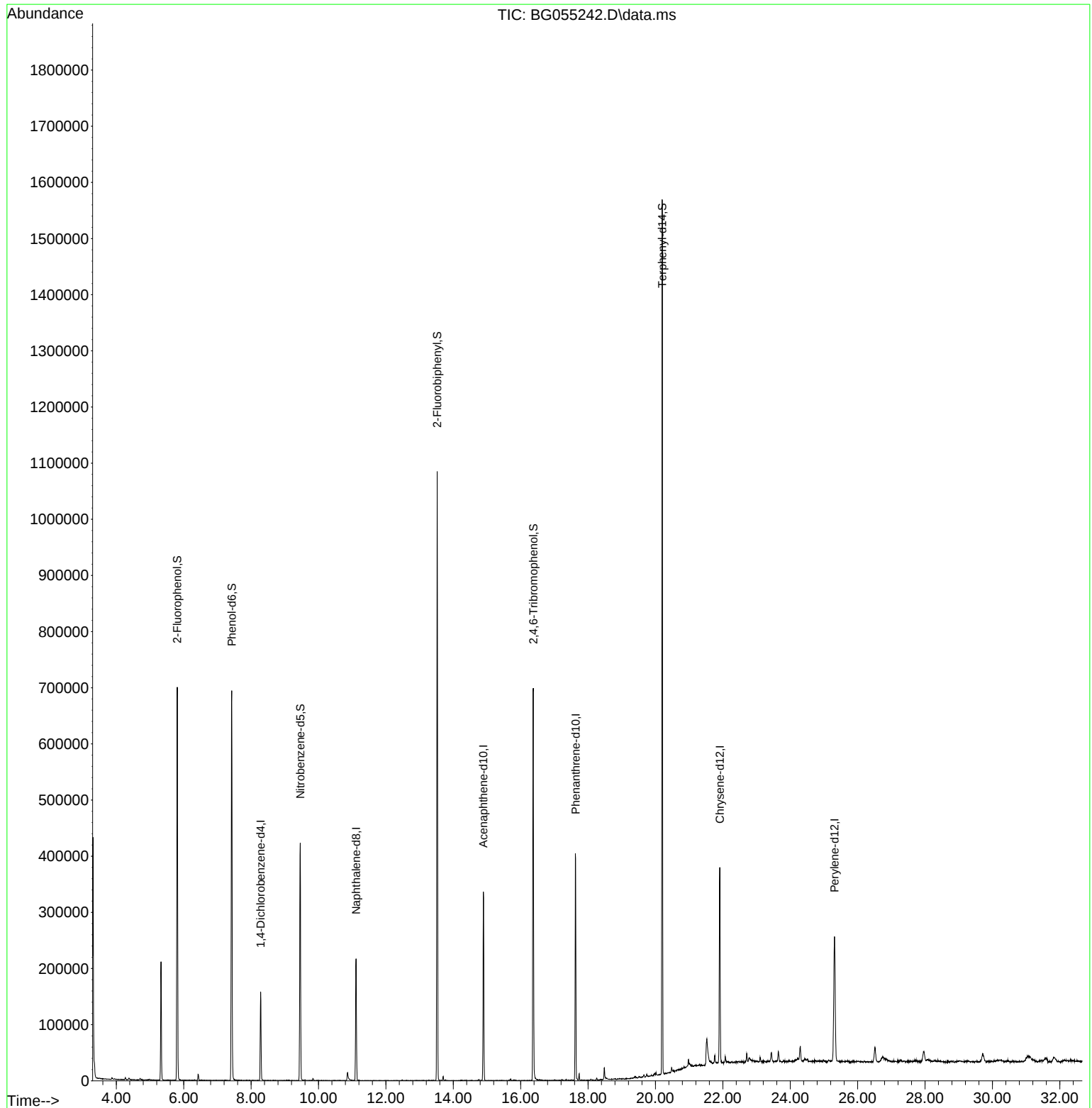
Target Compounds Qvalue

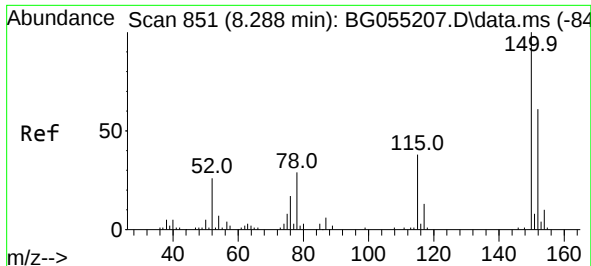
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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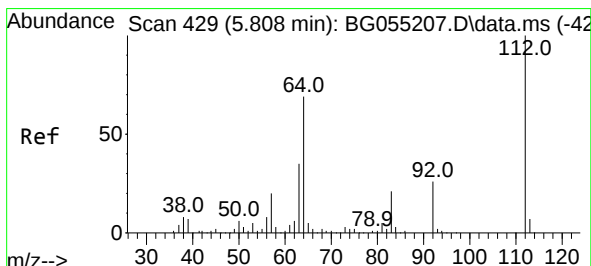
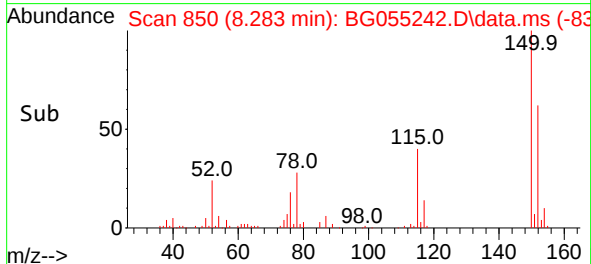
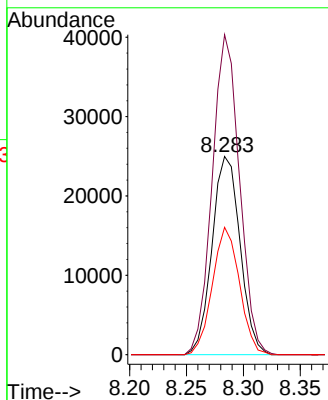
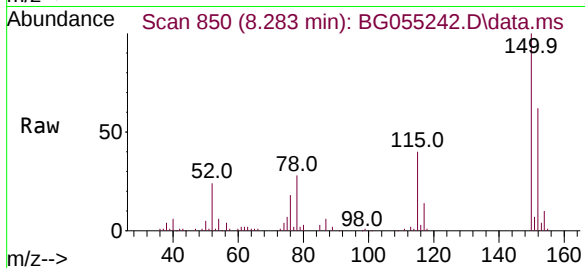




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.283 min Scan# 851
Delta R.T. -0.005 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

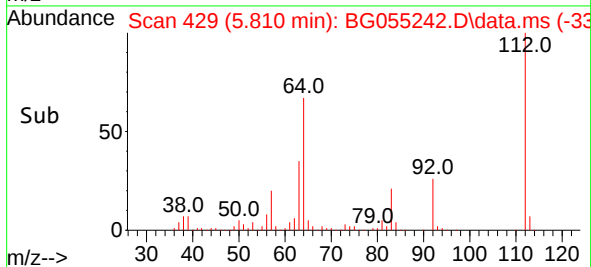
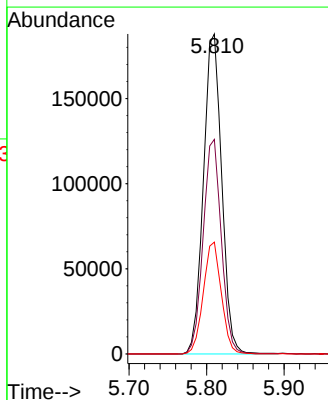
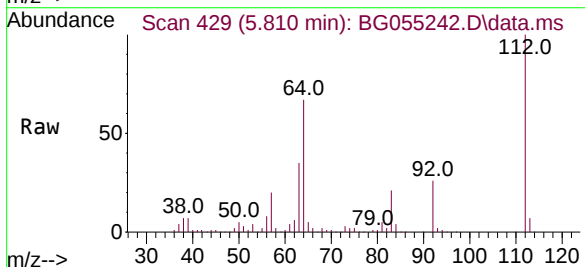
Instrument :
BNA_G
ClientSampleId :
SB-D1-COMP

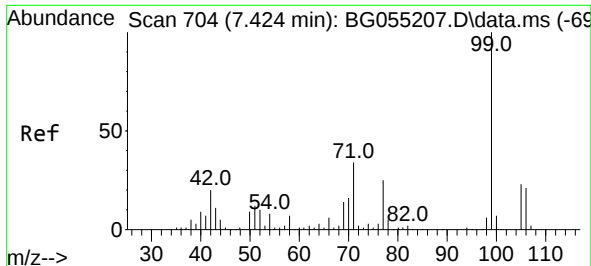
Tgt Ion:152 Resp: 42853
Ion Ratio Lower Upper
152 100
150 161.5 130.2 195.2
115 64.3 50.0 75.0



#5
2-Fluorophenol
Concen: 129.293 ng
RT: 5.810 min Scan# 429
Delta R.T. 0.002 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

Tgt Ion:112 Resp: 307959
Ion Ratio Lower Upper
112 100
64 67.0 55.1 82.7
63 34.9 27.8 41.6

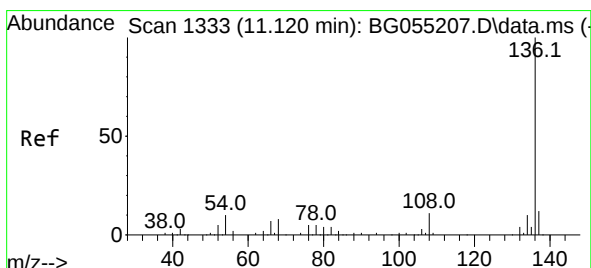
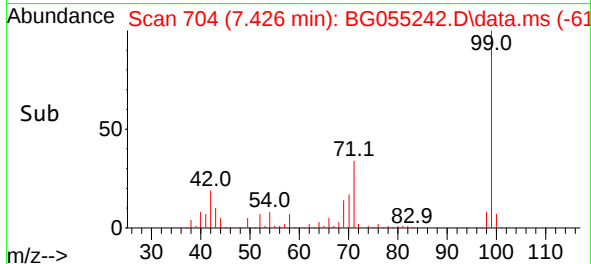
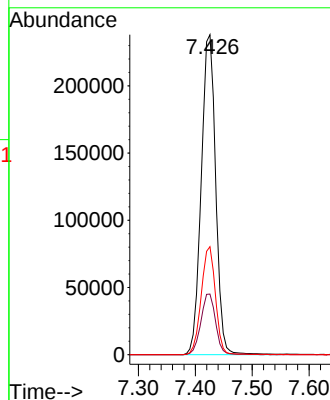
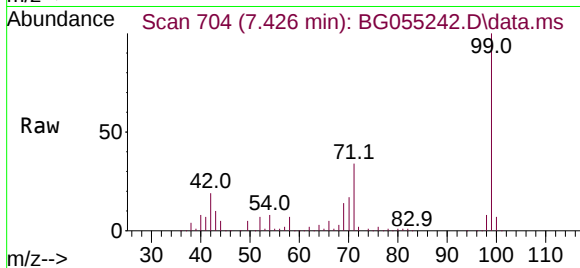




#7
Phenol-d6
Concen: 115.730 ng
RT: 7.426 min Scan# 704
Delta R.T. 0.002 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

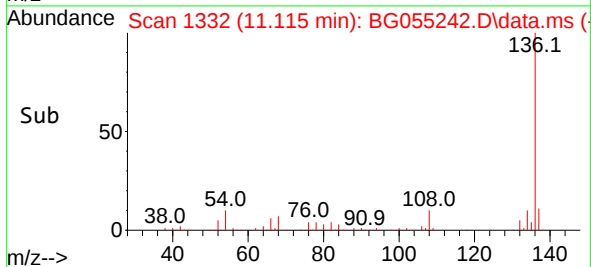
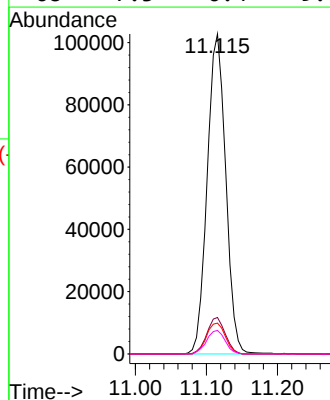
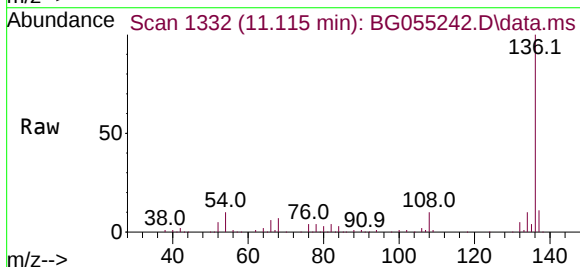
Instrument :
BNA_G
ClientSampleId :
SB-D1-COMP

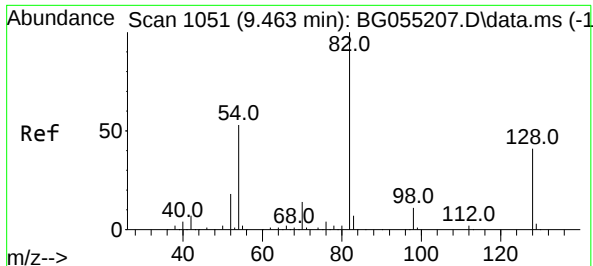
Tgt Ion: 99 Resp: 420033
Ion Ratio Lower Upper
99 100
42 18.9 16.2 24.4
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.115 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

Tgt Ion:136 Resp: 185379
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 9.6 8.2 12.4
68 7.3 6.4 9.6





#23

Nitrobenzene-d5

Concen: 68.948 ng

RT: 9.459 min Scan# 1050

Delta R.T. -0.004 min

Lab File: BG055242.D

Acq: 21 Oct 2022 20:30

Instrument :

BNA_G

ClientSampleId :

SB-D1-COMP

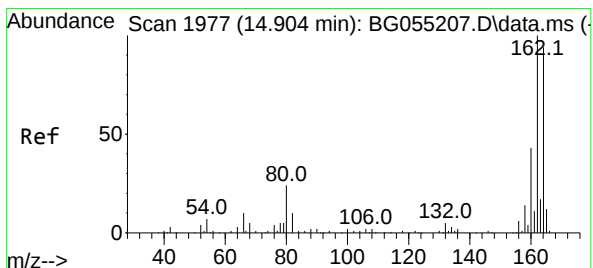
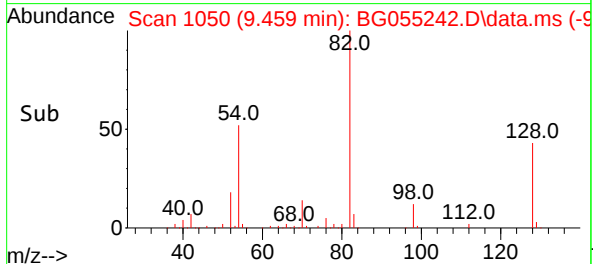
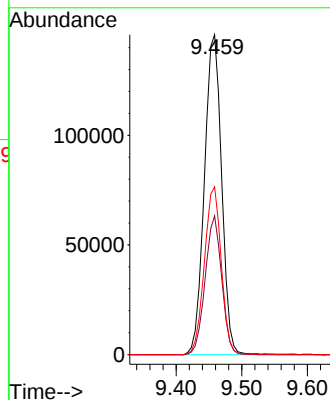
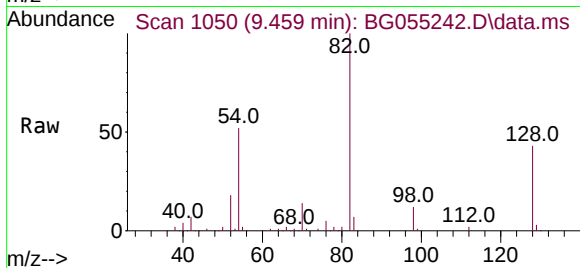
Tgt Ion: 82 Resp: 264751

Ion Ratio Lower Upper

82 100

128 43.3 32.3 48.5

54 52.4 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: BG055242.D

Acq: 21 Oct 2022 20:30

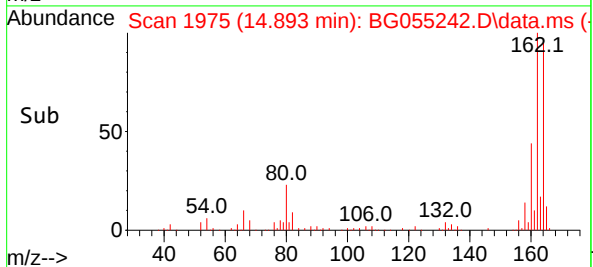
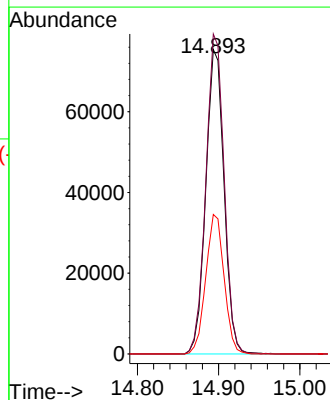
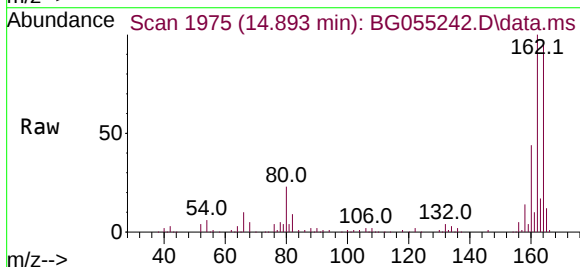
Tgt Ion:164 Resp: 117683

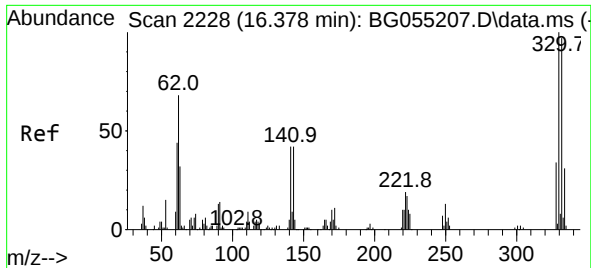
Ion Ratio Lower Upper

164 100

162 105.1 85.2 127.8

160 45.8 36.4 54.6

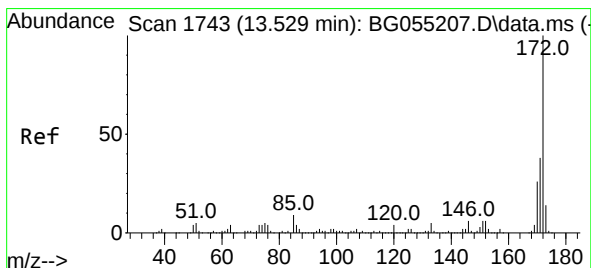
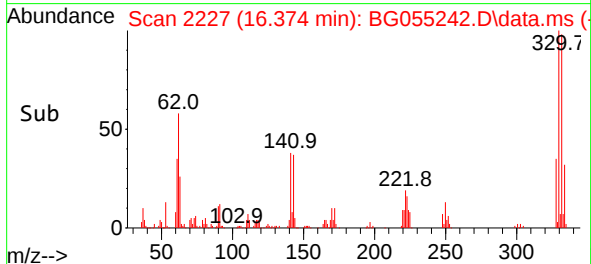
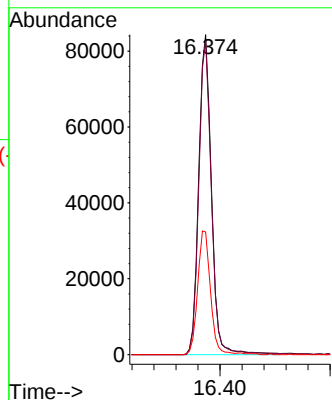
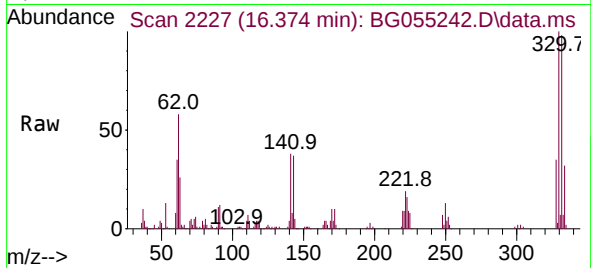




#42
2,4,6-Tribromophenol
Concen: 111.233 ng
RT: 16.374 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

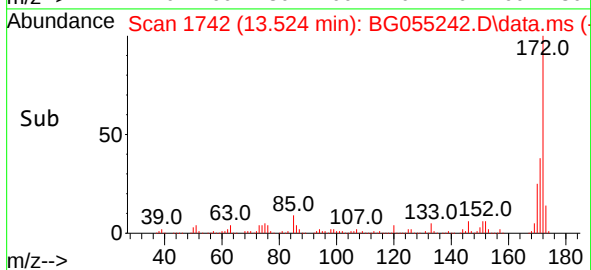
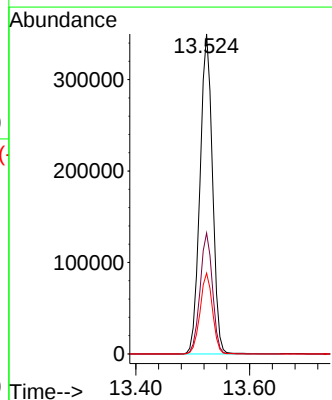
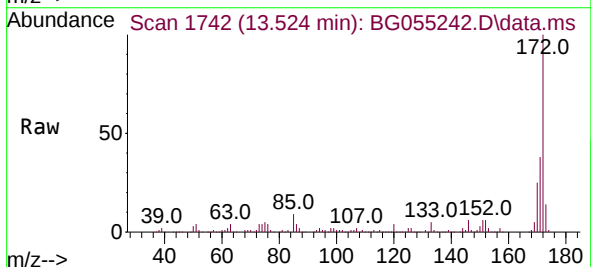
Instrument :
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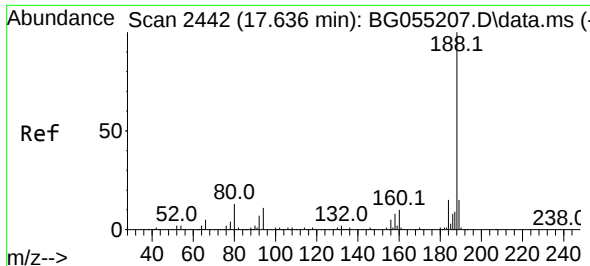
Tgt Ion:330 Resp: 135641
Ion Ratio Lower Upper
330 100
332 96.8 77.5 116.3
141 39.1 33.5 50.3



#45
2-Fluorobiphenyl
Concen: 72.183 ng
RT: 13.524 min Scan# 1742
Delta R.T. -0.005 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

Tgt Ion:172 Resp: 531817
Ion Ratio Lower Upper
172 100
171 37.8 30.3 45.5
170 25.2 20.6 30.8

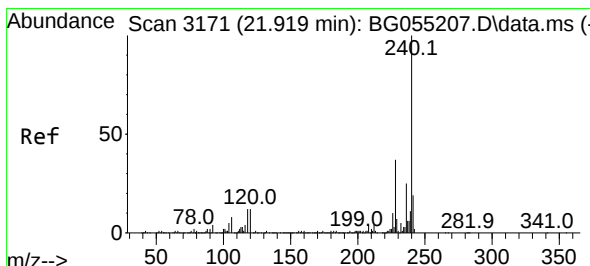
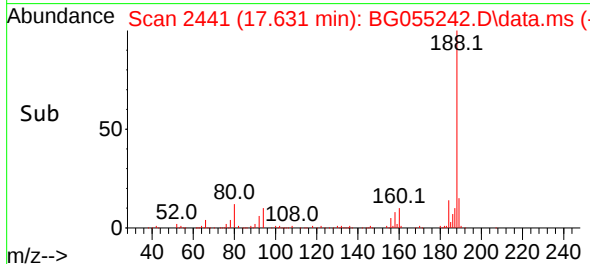
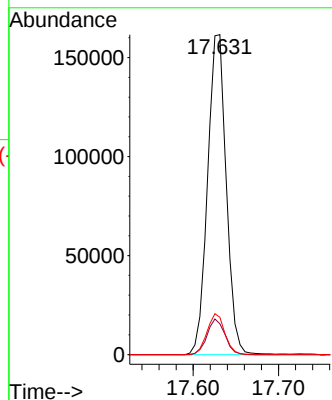
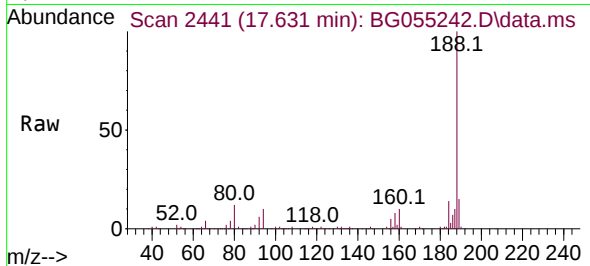




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2442
Delta R.T. -0.004 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

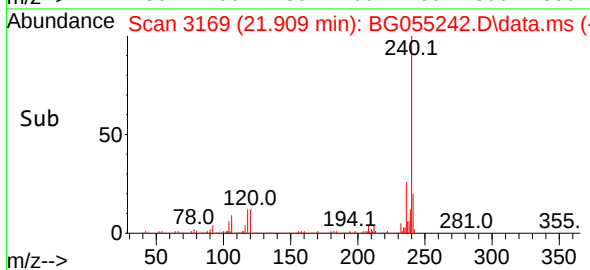
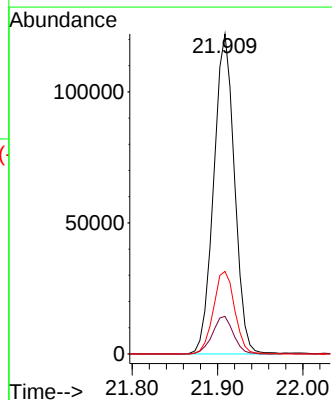
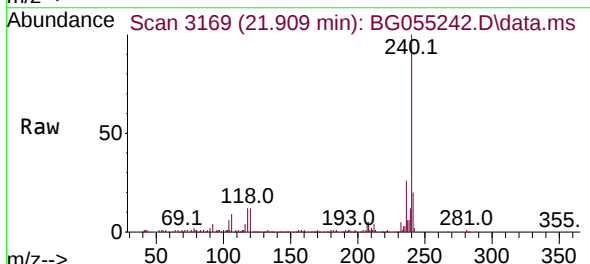
Instrument :
BNA_G
ClientSampleId :
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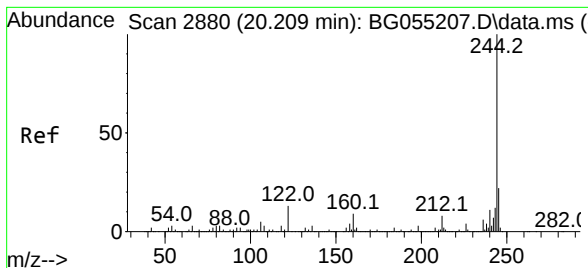
Tgt Ion:188 Resp: 245434
Ion Ratio Lower Upper
188 100
94 9.6 8.6 12.8
80 11.7 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.909 min Scan# 3169
Delta R.T. -0.010 min
Lab File: BG055242.D
Acq: 21 Oct 2022 20:30

Tgt Ion:240 Resp: 205883
Ion Ratio Lower Upper
240 100
120 11.7 9.2 13.8
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 65.701 ng

RT: 20.205 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG055242.D

Acq: 21 Oct 2022 20:30

Instrument :

BNA_G

ClientSampleId :

SB-D1-COMP

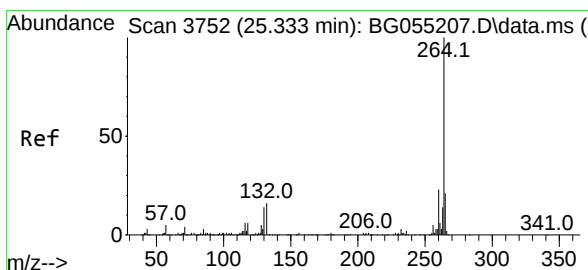
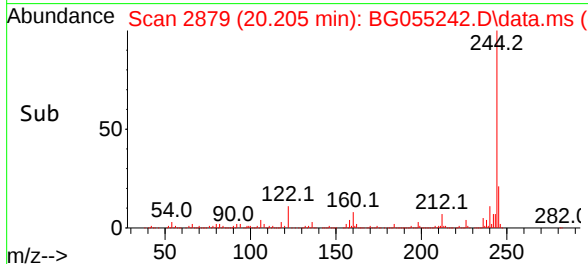
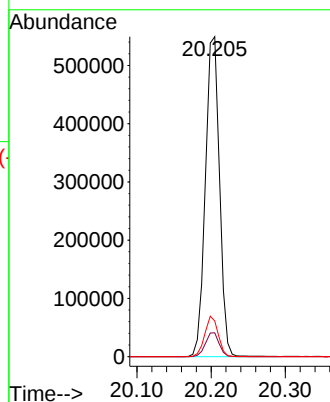
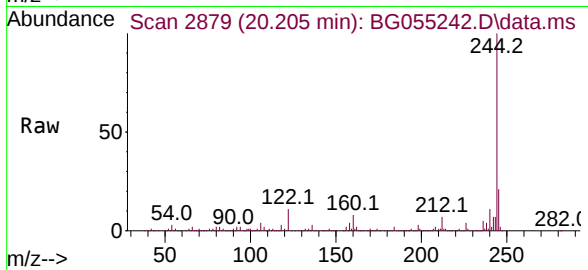
Tgt Ion:244 Resp: 725958

Ion Ratio Lower Upper

244 100

212 7.4 6.3 9.5

122 11.1 10.0 15.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.316 min Scan# 3749

Delta R.T. -0.016 min

Lab File: BG055242.D

Acq: 21 Oct 2022 20:30

Tgt Ion:264 Resp: 215137

Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 20.5 17.1 25.7

