

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055166.D
 Acq On : 13 Oct 2022 16:32
 Operator : CG/JU
 Sample : N5105-07
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Oct 14 01:26:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 13 05:14:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.306	152	42471	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	180119	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	114992	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	234287	20.000	ng	0.00
76) Chrysene-d12	21.925	240	219521	20.000	ng	0.00
86) Perylene-d12	25.350	264	235254	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	180138	82.983	ng	0.00
7) Phenol-d6	7.436	99	243107	75.706	ng	0.00
23) Nitrobenzene-d5	9.469	82	155743	46.367	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	113023	68.403	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	366972	52.131	ng	0.00
79) Terphenyl-d14	20.215	244	525163	48.182	ng	0.00

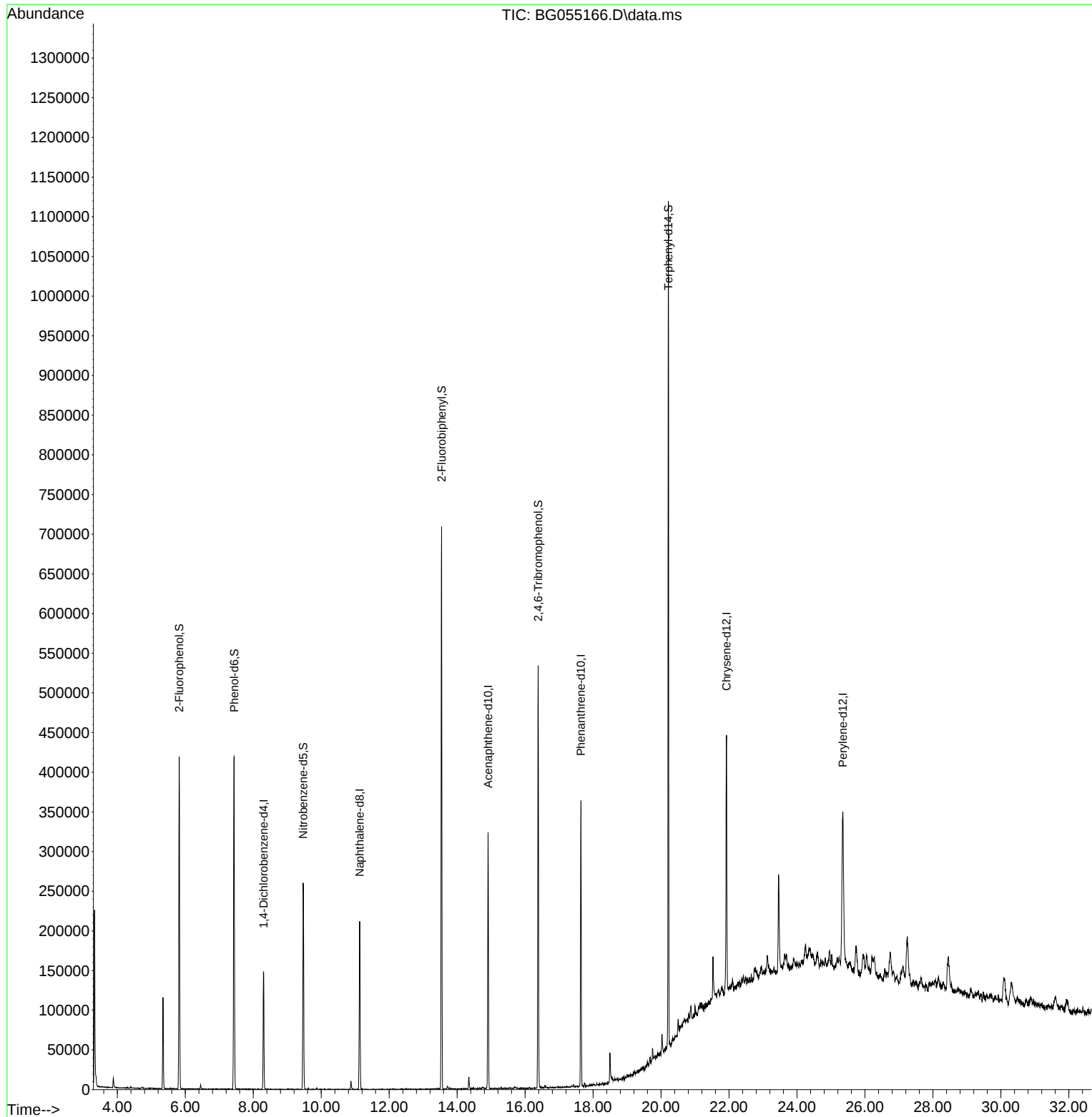
Target Compounds	Qvalue

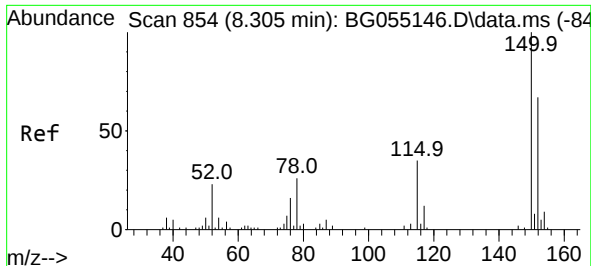
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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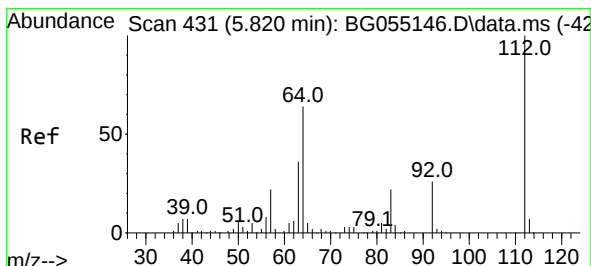
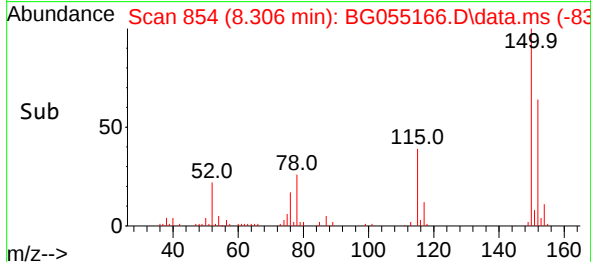
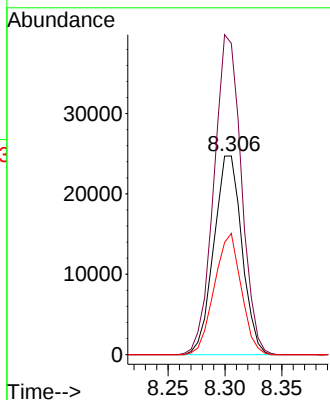
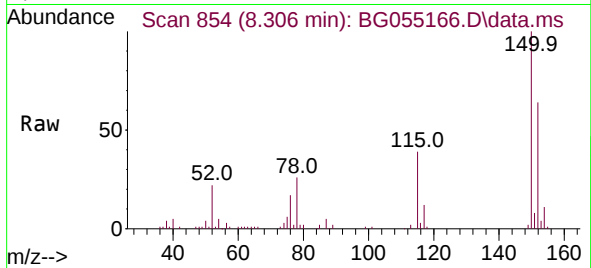




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.306 min Scan# 854
Delta R.T. 0.001 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

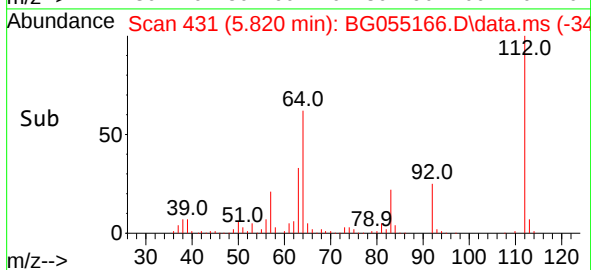
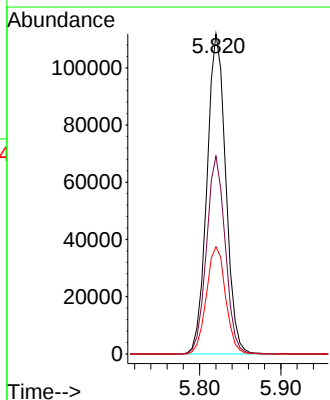
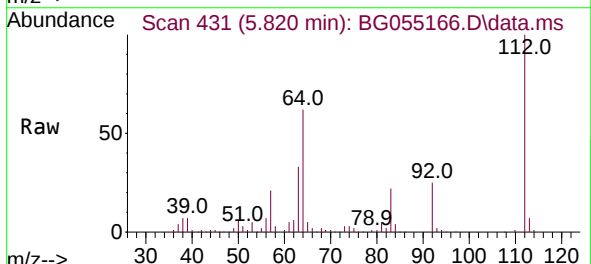
Instrument :
BNA_G
ClientSampleId :
WC-4

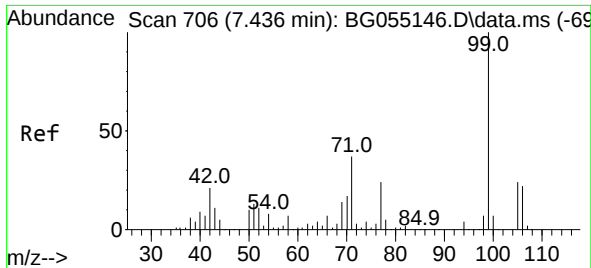
Tgt Ion:152 Resp: 42471
Ion Ratio Lower Upper
152 100
150 156.7 119.7 179.5
115 61.0 42.4 63.6



#5
2-Fluorophenol
Concen: 82.983 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion:112 Resp: 180138
Ion Ratio Lower Upper
112 100
64 61.8 50.9 76.3
63 33.5 29.0 43.6

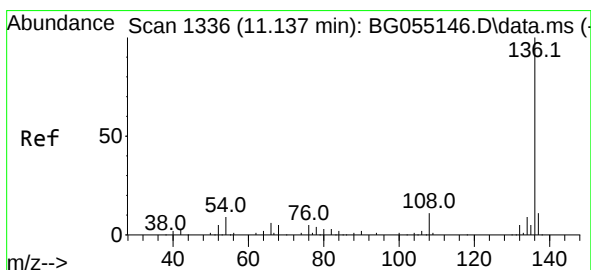
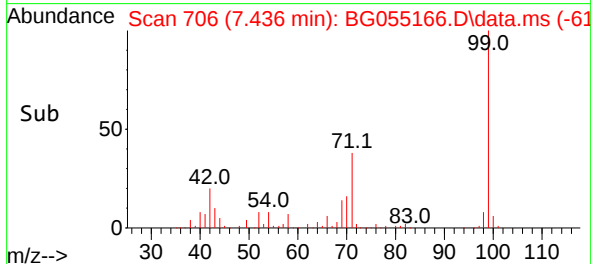
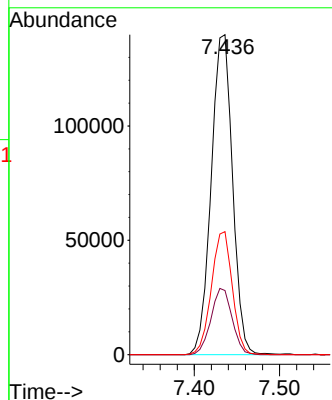
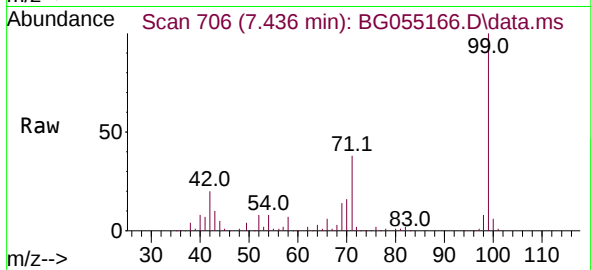




#7
Phenol-d6
Concen: 75.706 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

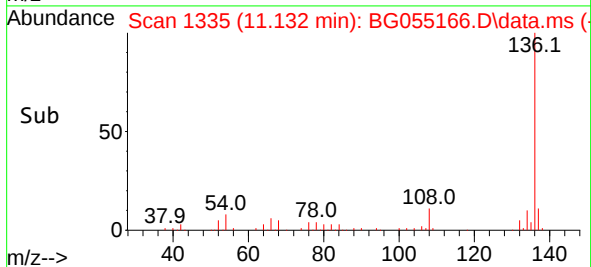
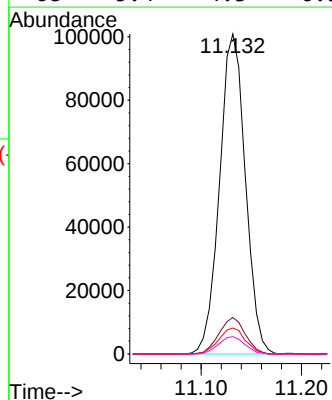
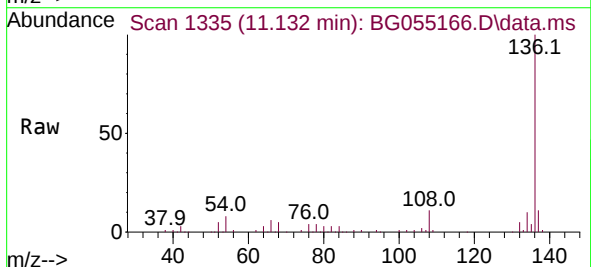
Instrument :
BNA_G
ClientSampleId :
WC-4

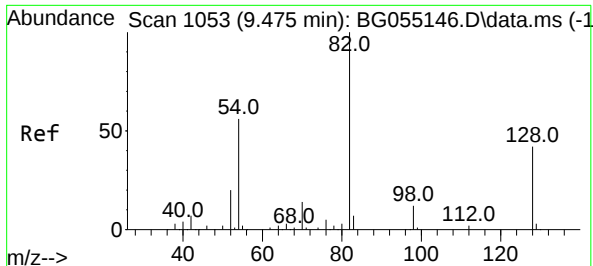
Tgt Ion: 99 Resp: 243107
Ion Ratio Lower Upper
99 100
42 20.0 16.6 25.0
71 38.4 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion:136 Resp: 180119
Ion Ratio Lower Upper
136 100
137 11.4 9.1 13.7
54 8.1 7.0 10.6
68 5.4 4.3 6.5





#23

Nitrobenzene-d5

Concen: 46.367 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.006 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Instrument :

BNA_G

ClientSampleId :

WC-4

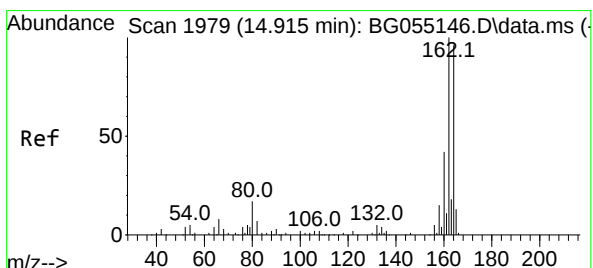
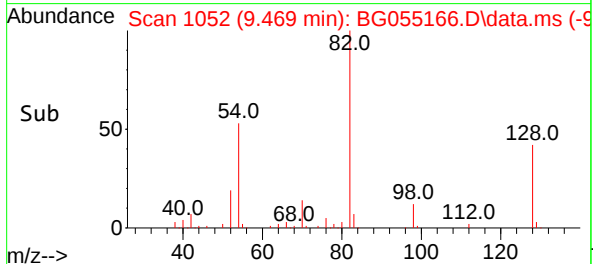
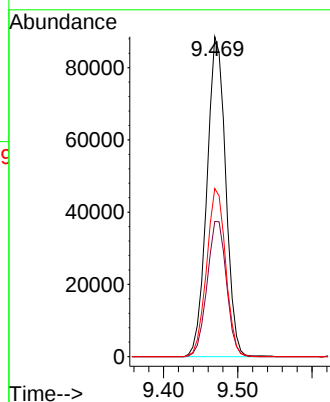
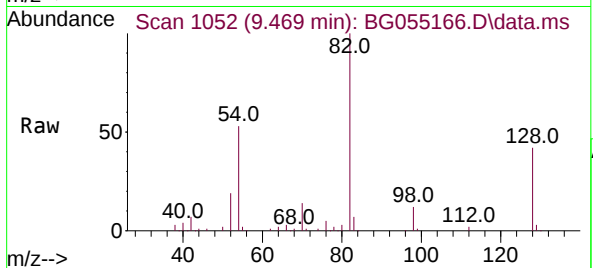
Tgt Ion: 82 Resp: 155743

Ion Ratio Lower Upper

82 100

128 42.2 33.5 50.3

54 52.5 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.006 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

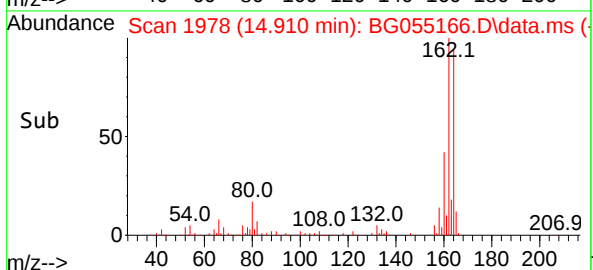
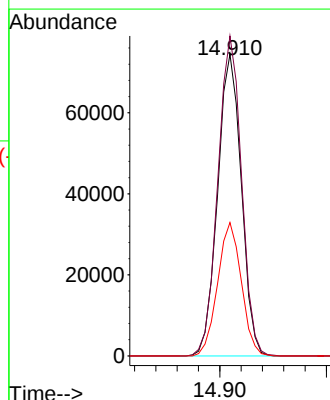
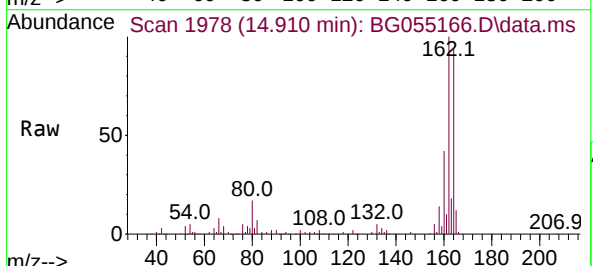
Tgt Ion:164 Resp: 114992

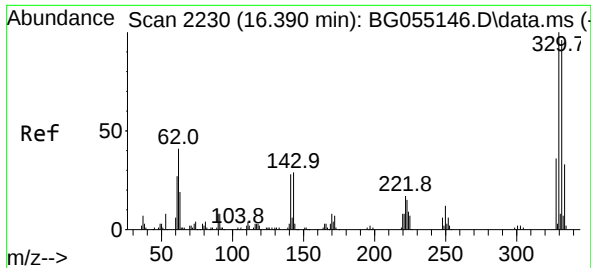
Ion Ratio Lower Upper

164 100

162 106.1 83.3 124.9

160 44.2 35.3 52.9

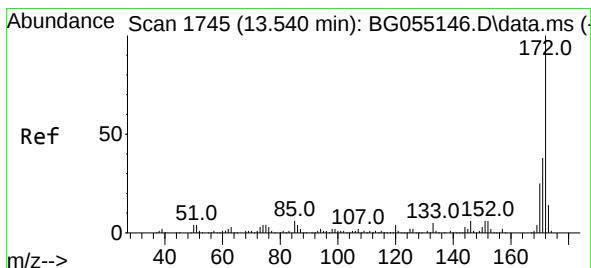
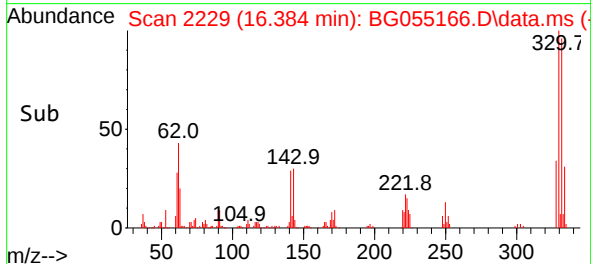
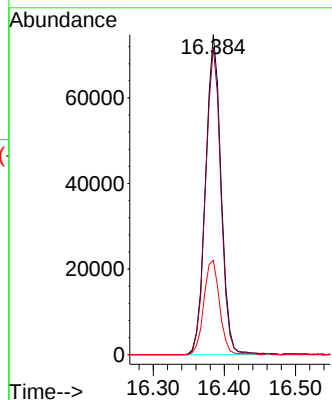
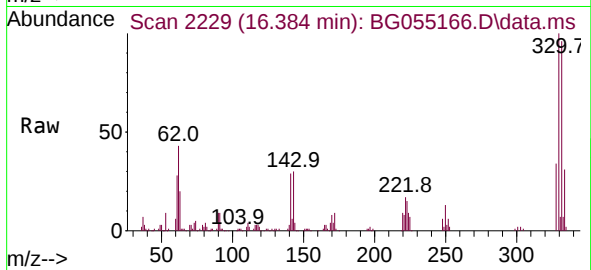




#42
2,4,6-Tribromophenol
Concen: 68.403 ng
RT: 16.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

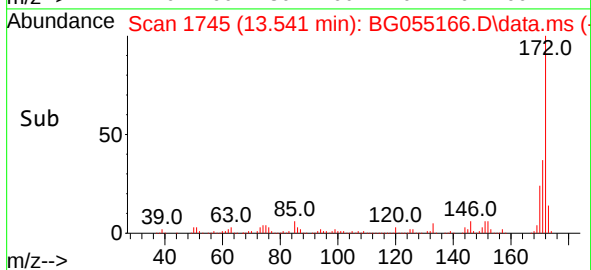
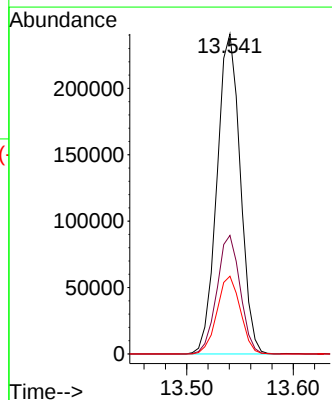
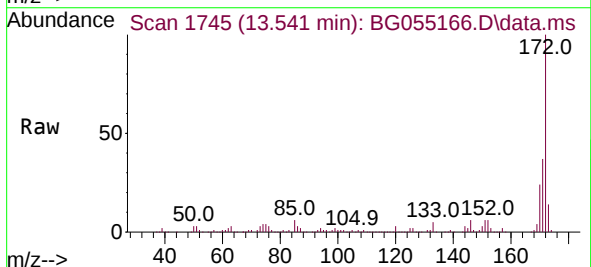
Instrument :
BNA_G
ClientSampleId :
WC-4

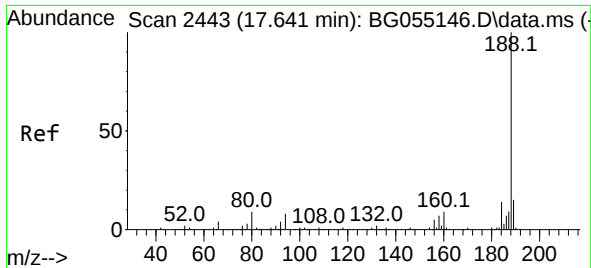
Tgt Ion:330 Resp: 113023
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 29.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 52.131 ng
RT: 13.541 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion:172 Resp: 366972
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 24.3 19.8 29.6

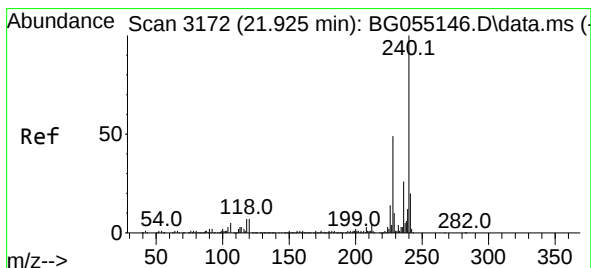
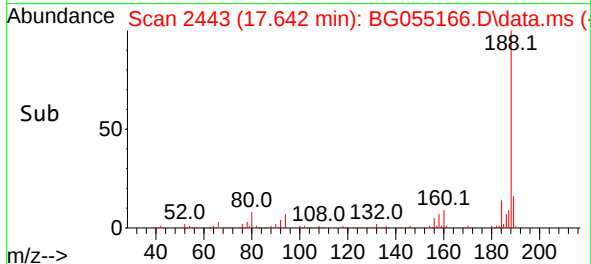
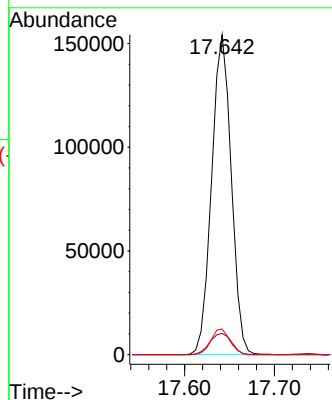
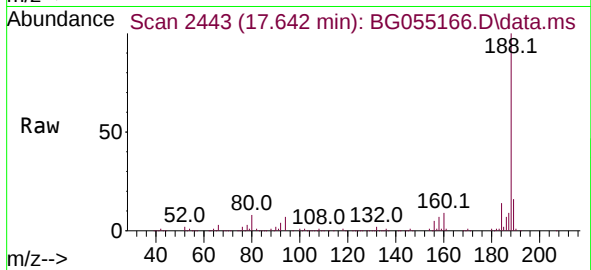




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

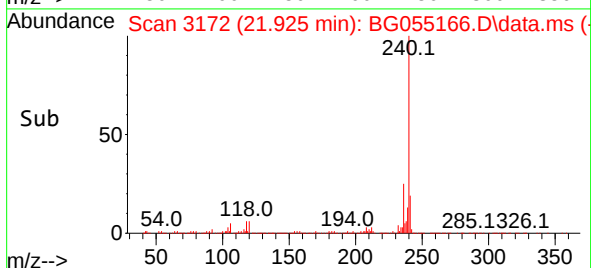
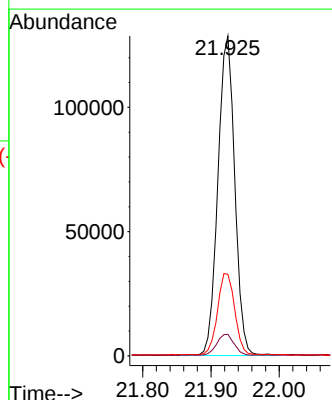
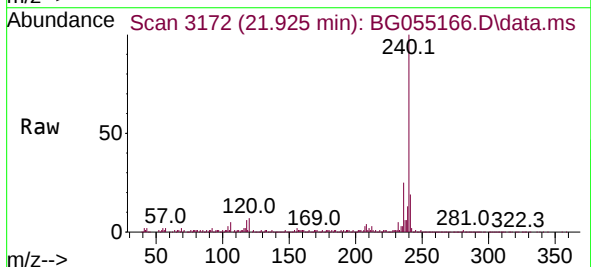
Instrument :
BNA_G
ClientSampleId :
WC-4

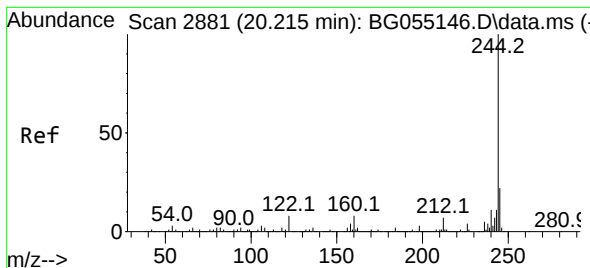
Tgt Ion:188 Resp: 234287
Ion Ratio Lower Upper
188 100
94 6.6 6.2 9.2
80 8.0 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG055166.D
Acq: 13 Oct 2022 16:32

Tgt Ion:240 Resp: 219521
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 25.5 20.6 31.0





#79

Terphenyl-d14

Concen: 48.182 ng

RT: 20.215 min Scan# 2881

Delta R.T. 0.000 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Instrument :

BNA_G

ClientSampleId :

WC-4

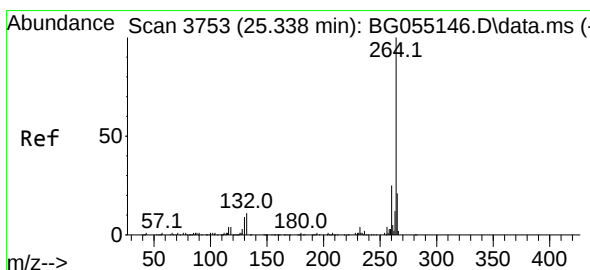
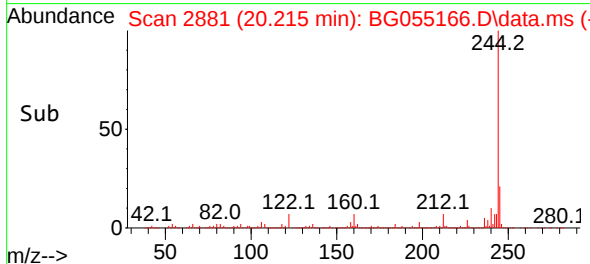
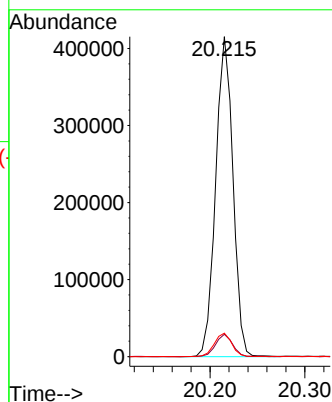
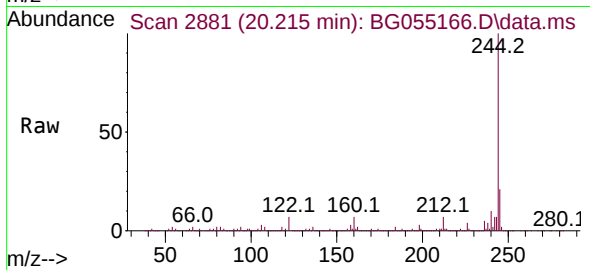
Tgt Ion:244 Resp: 525163

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 7.3 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.350 min Scan# 3755

Delta R.T. 0.012 min

Lab File: BG055166.D

Acq: 13 Oct 2022 16:32

Tgt Ion:264 Resp: 235254

Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 21.8 16.8 25.2

