

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055168.D
 Acq On : 13 Oct 2022 17:58
 Operator : CG/JU
 Sample : N5105-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Quant Time: Oct 14 01:27:21 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	8.305	152	50115	20.000	ng	0.00
21) Naphthalene-d8	11.132	136	204754	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	132762	20.000	ng	0.00
64) Phenanthrene-d10	17.642	188	271161	20.000	ng	0.00
76) Chrysene-d12	21.925	240	246830	20.000	ng	0.00
86) Perylene-d12	25.350	264	263856	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	118487	46.257	ng	0.00
7) Phenol-d6	7.436	99	158382	41.799	ng	0.00
23) Nitrobenzene-d5	9.475	82	102574	26.864	ng	0.00
42) 2,4,6-Tribromophenol	16.384	330	74194	38.893	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	240306	29.568	ng	0.00
79) Terphenyl-d14	20.215	244	321133	26.203	ng	0.00

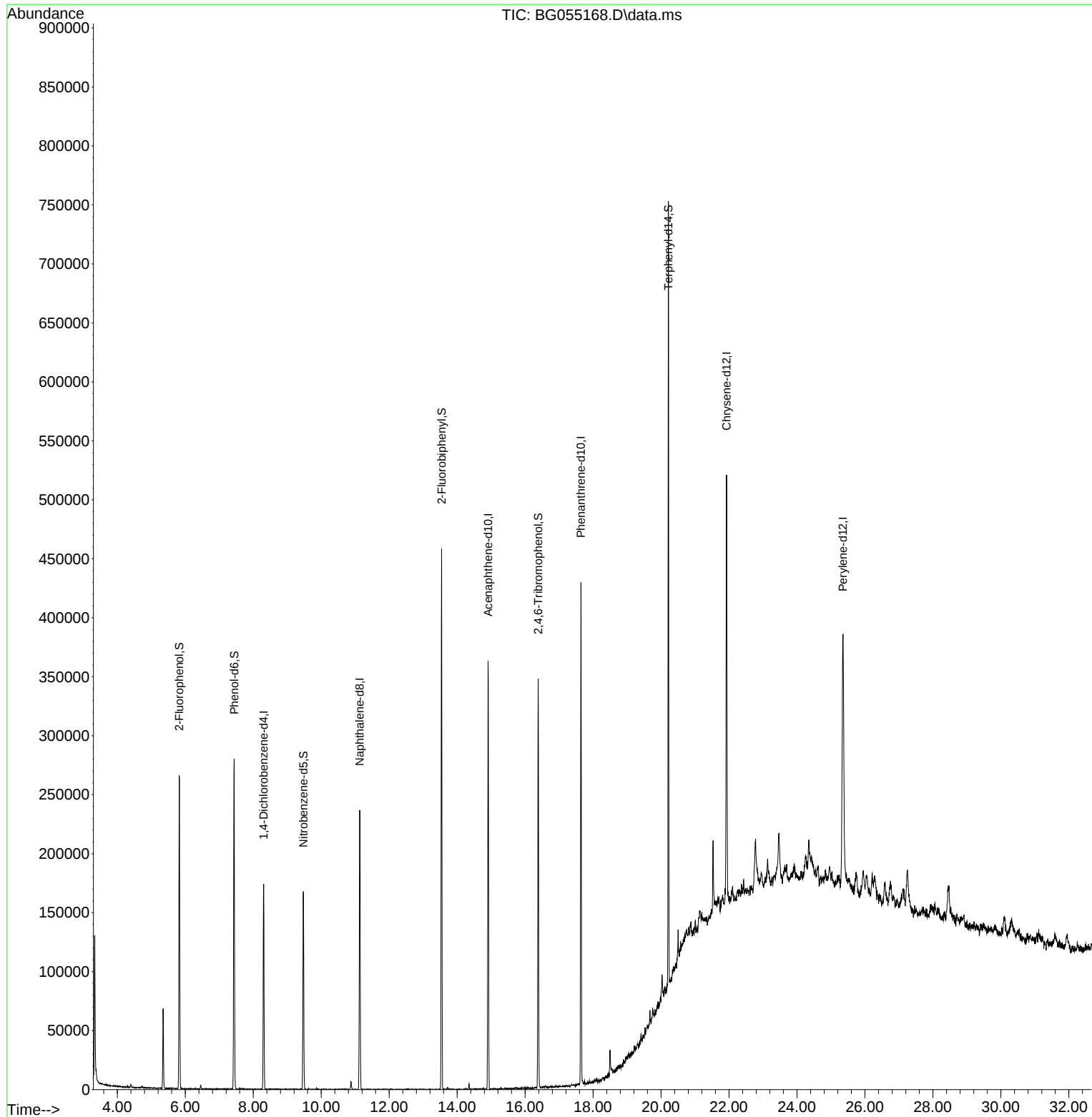
Target Compounds	Qvalue

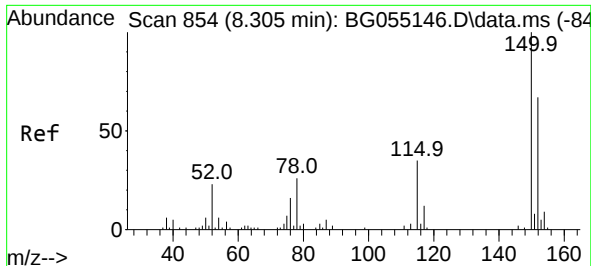
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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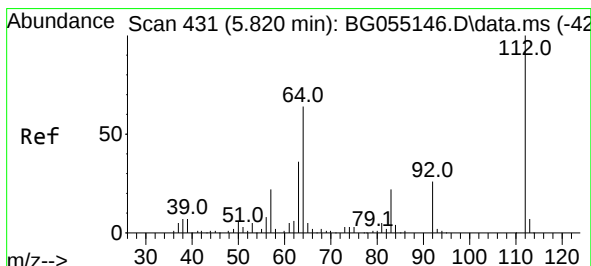
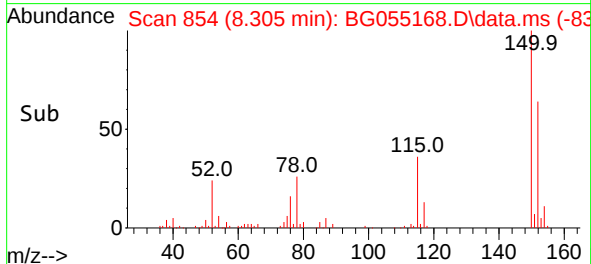
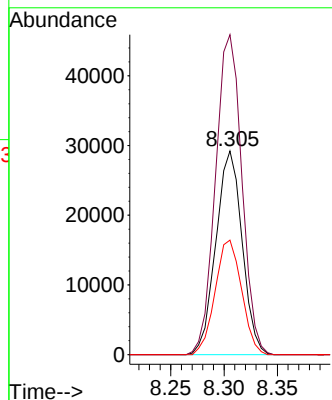
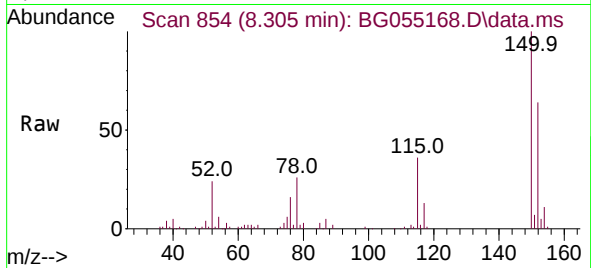




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.305 min Scan# 854
Delta R.T. 0.000 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

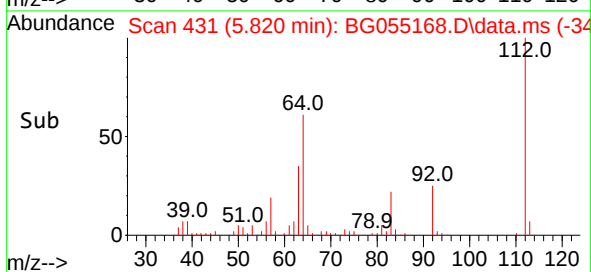
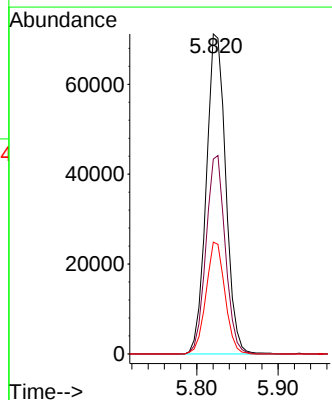
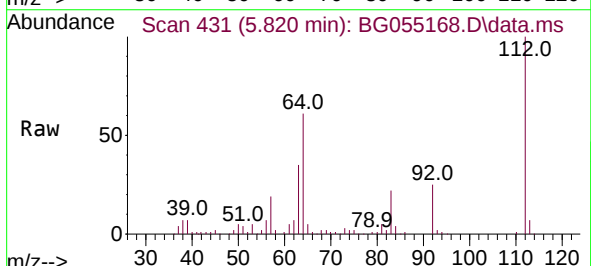
Instrument :
BNA_G
ClientSampleId :
WC-6

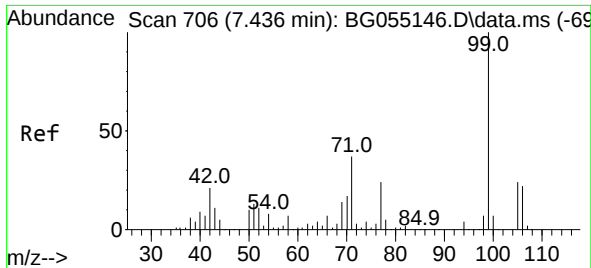
Tgt Ion:152 Resp: 50115
Ion Ratio Lower Upper
152 100
150 157.2 119.7 179.5
115 56.3 42.4 63.6



#5
2-Fluorophenol
Concen: 46.257 ng
RT: 5.820 min Scan# 431
Delta R.T. 0.000 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

Tgt Ion:112 Resp: 118487
Ion Ratio Lower Upper
112 100
64 60.9 50.9 76.3
63 34.9 29.0 43.6

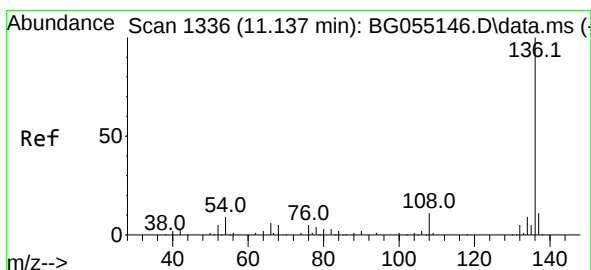
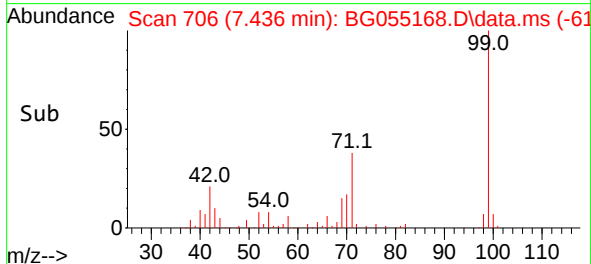
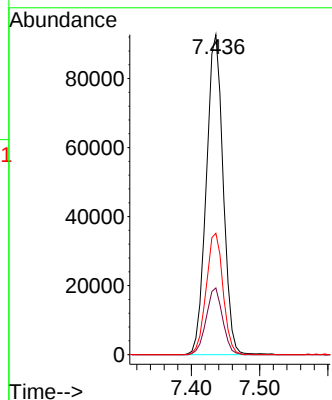
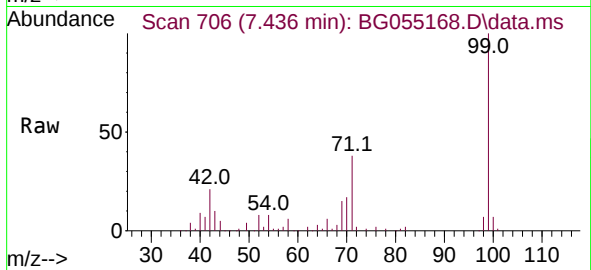




#7
Phenol-d6
Concen: 41.799 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

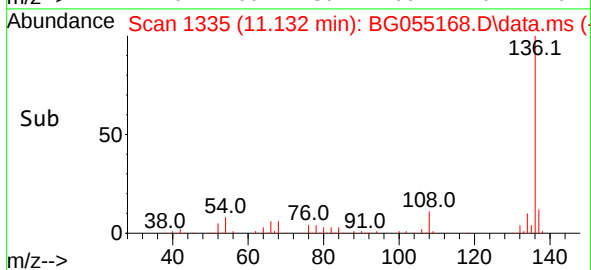
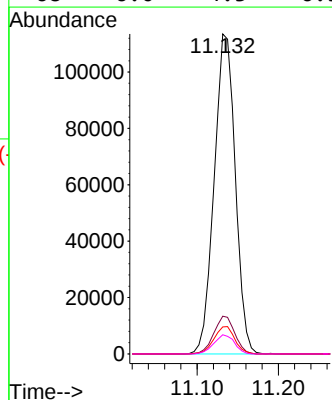
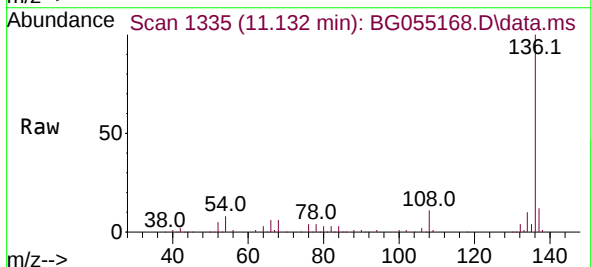
Instrument :
BNA_G
ClientSampleId :
WC-6

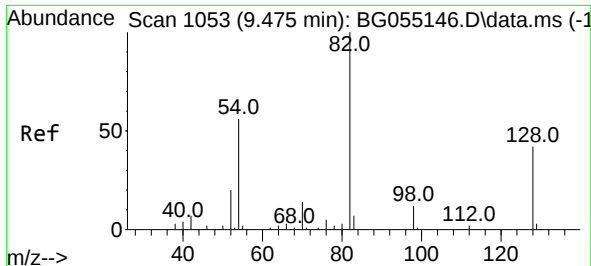
Tgt Ion: 99 Resp: 158382
Ion Ratio Lower Upper
99 100
42 20.8 16.6 25.0
71 37.9 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.132 min Scan# 1335
Delta R.T. -0.005 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

Tgt Ion: 136 Resp: 204754
Ion Ratio Lower Upper
136 100
137 11.8 9.1 13.7
54 8.4 7.0 10.6
68 6.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 26.864 ng

RT: 9.475 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BG055168.D

Acq: 13 Oct 2022 17:58

Instrument :

BNA_G

ClientSampleId :

WC-6

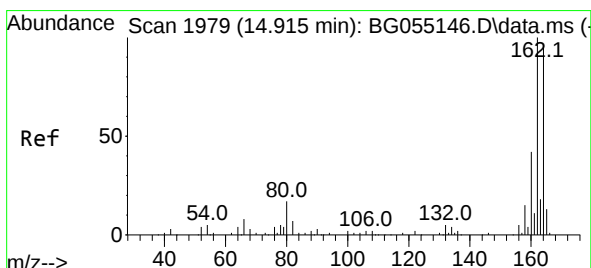
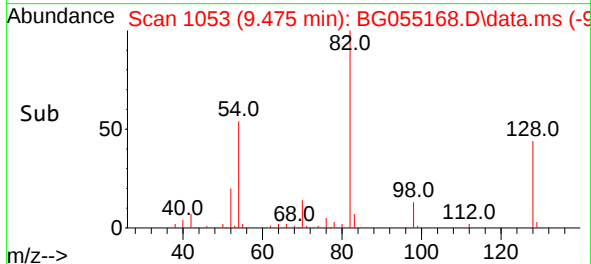
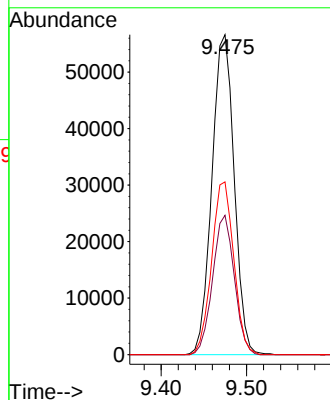
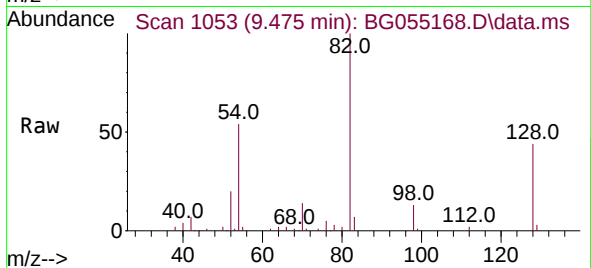
Tgt Ion: 82 Resp: 102574

Ion Ratio Lower Upper

82 100

128 43.5 33.5 50.3

54 54.0 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: BG055168.D

Acq: 13 Oct 2022 17:58

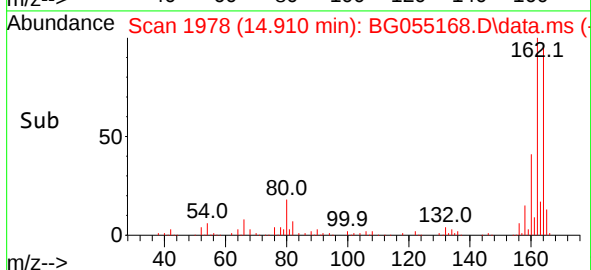
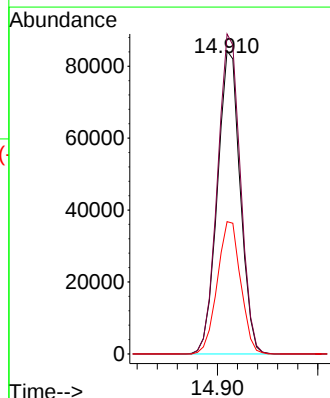
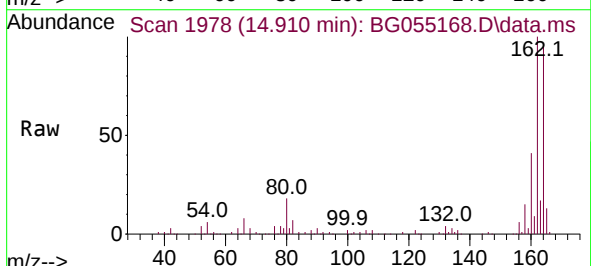
Tgt Ion: 164 Resp: 132762

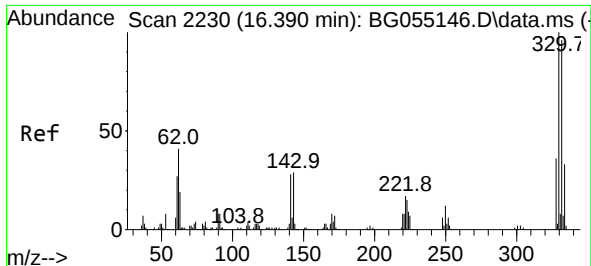
Ion Ratio Lower Upper

164 100

162 105.6 83.3 124.9

160 43.6 35.3 52.9

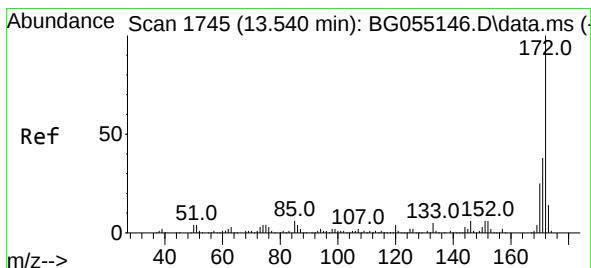
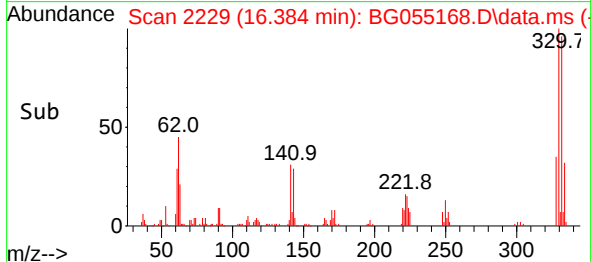
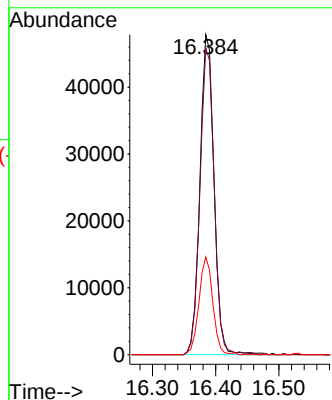
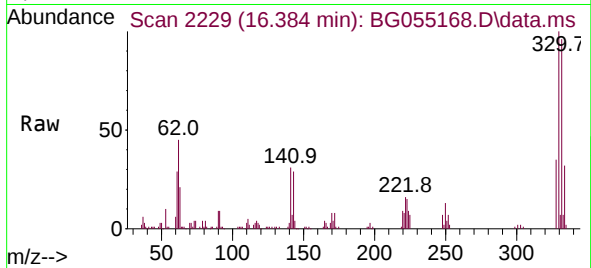




#42
2,4,6-Tribromophenol
Concen: 38.893 ng
RT: 16.384 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

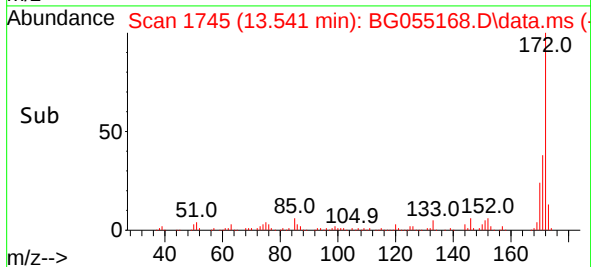
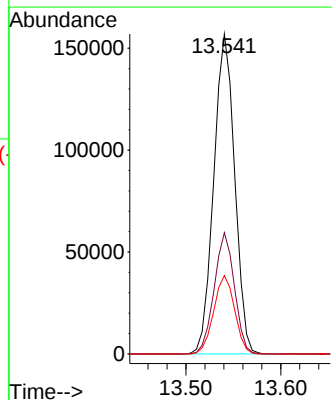
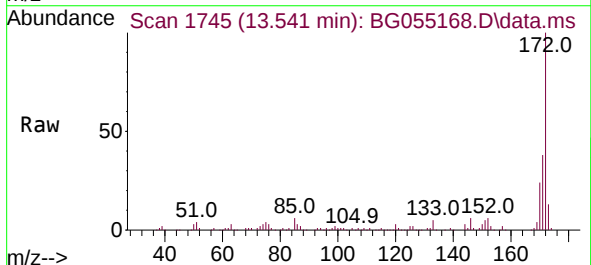
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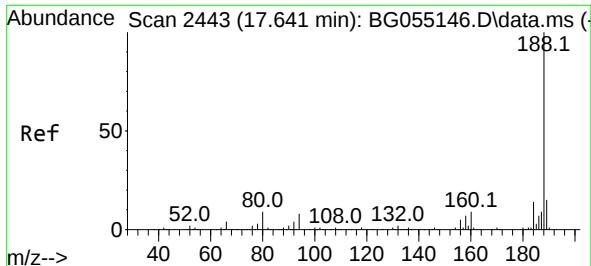
Tgt Ion:330 Resp: 74194
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.4
141 29.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 29.568 ng
RT: 13.541 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

Tgt Ion:172 Resp: 240306
Ion Ratio Lower Upper
172 100
171 37.9 30.1 45.1
170 24.5 19.8 29.6

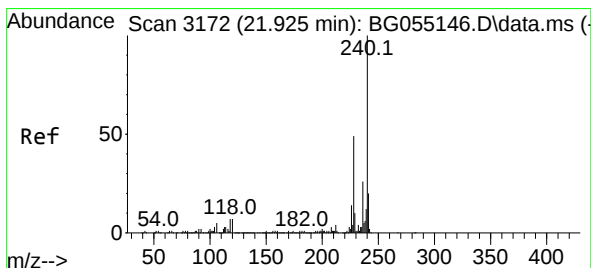
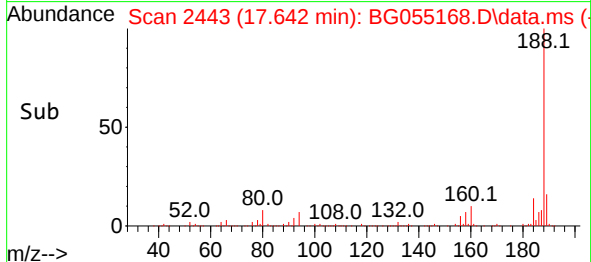
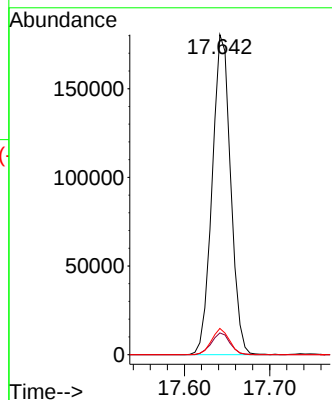
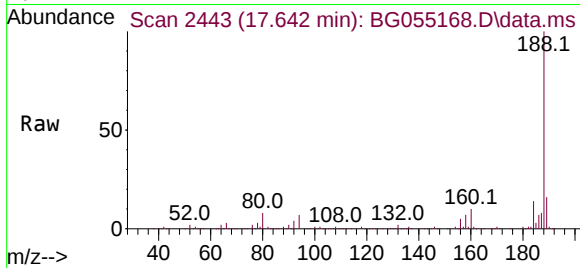




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.642 min Scan# 2443
Delta R.T. 0.000 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

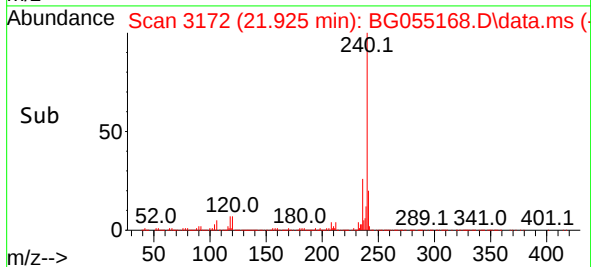
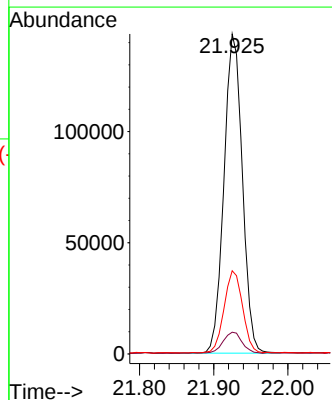
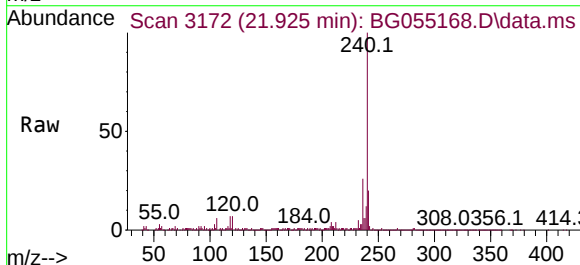
Instrument :
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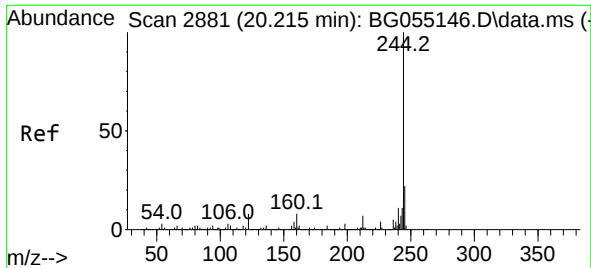
Tgt Ion:188 Resp: 271161
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 8.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG055168.D
Acq: 13 Oct 2022 17:58

Tgt Ion:240 Resp: 246830
Ion Ratio Lower Upper
240 100
120 6.8 5.4 8.0
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 26.203 ng

RT: 20.215 min Scan# 2881

Delta R.T. 0.000 min

Lab File: BG055168.D

Acq: 13 Oct 2022 17:58

Instrument :

BNA_G

ClientSampleId :

WC-6

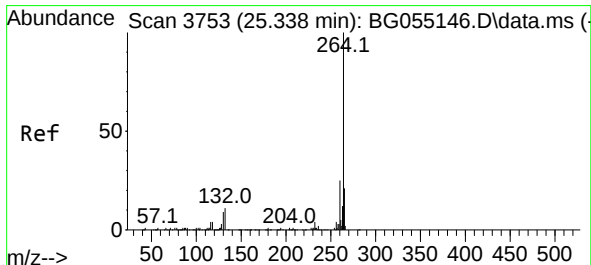
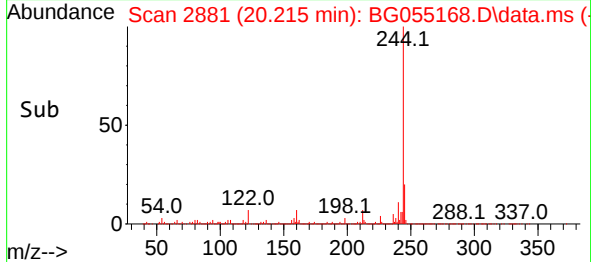
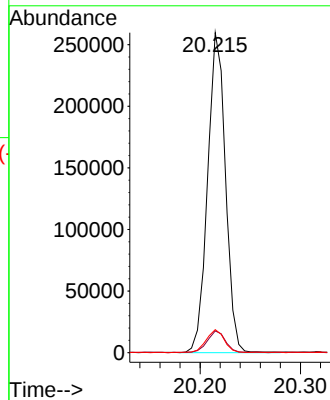
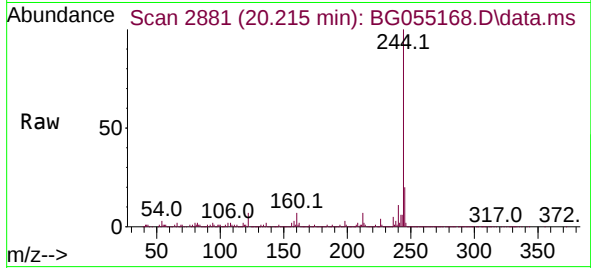
Tgt Ion:244 Resp: 321133

Ion Ratio Lower Upper

244 100

212 6.8 5.9 8.9

122 7.2 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: BG055168.D

Acq: 13 Oct 2022 17:58

Tgt Ion:264 Resp: 263856

Ion Ratio Lower Upper

264 100

260 24.5 20.1 30.1

265 23.7 16.8 25.2

