

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101422\
 Data File : BG055186.D
 Acq On : 14 Oct 2022 20:28
 Operator : CG/JU
 Sample : N5142-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Quant Time: Oct 17 04:30:53 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	8.308	152	41110	20.000	ng	0.00
21) Naphthalene-d8	11.134	136	174087	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	111754	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	221878	20.000	ng	0.00
76) Chrysene-d12	21.933	240	196124	20.000	ng	0.00
86) Perylene-d12	25.359	264	173494	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.823	112	228345	108.672	ng	0.00
7) Phenol-d6	7.438	99	307958	99.076	ng	0.00
23) Nitrobenzene-d5	9.477	82	196551	60.544	ng	0.00
42) 2,4,6-Tribromophenol	16.393	330	151278	94.209	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	472455	69.061	ng	0.00
79) Terphenyl-d14	20.224	244	619867	63.655	ng	0.00

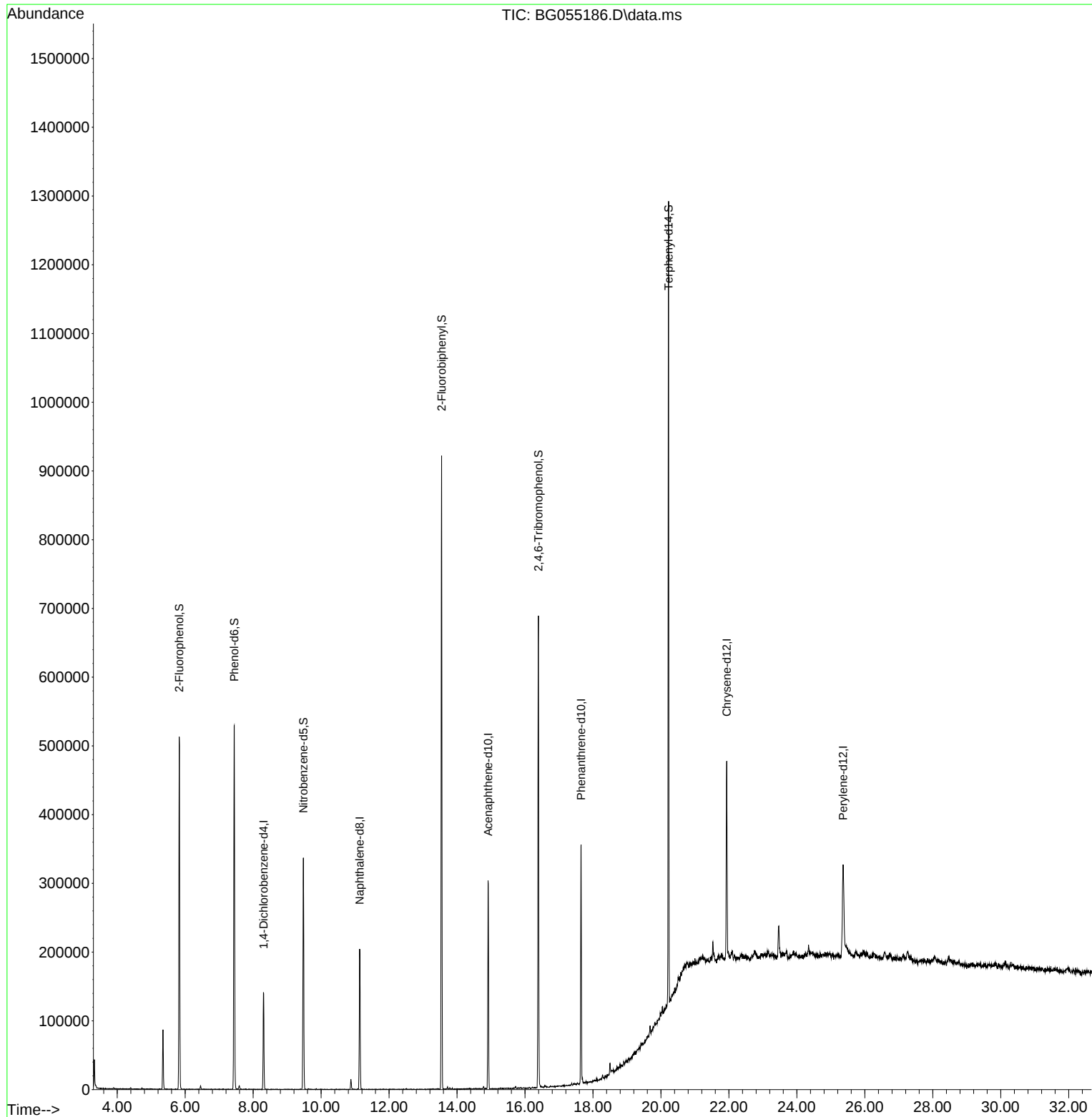
Target Compounds	Qvalue

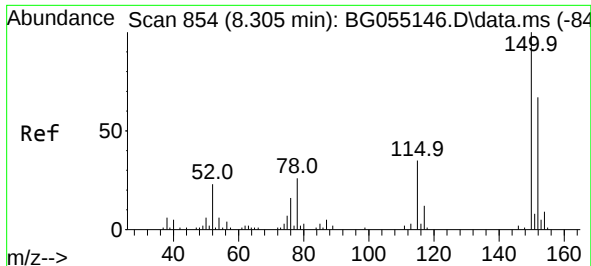
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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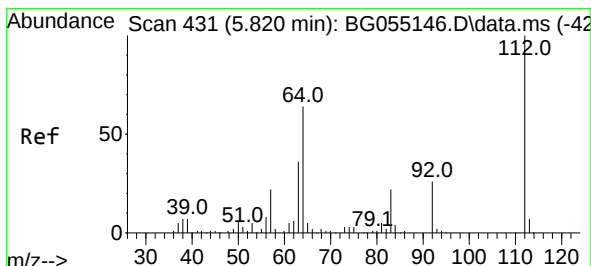
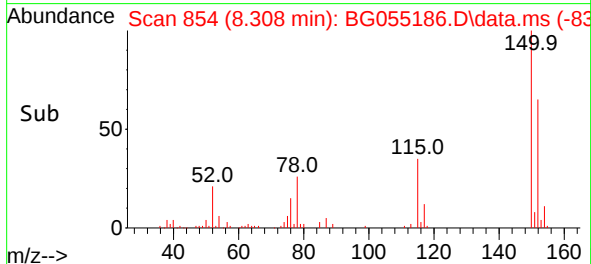
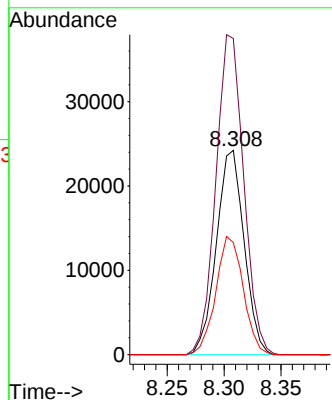
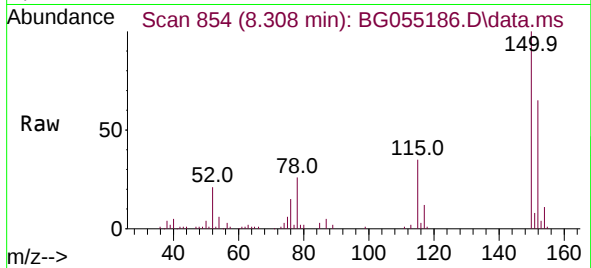




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.308 min Scan# 854
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

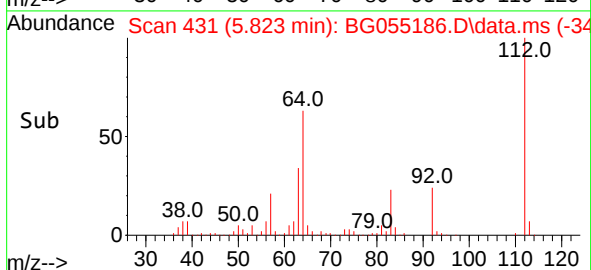
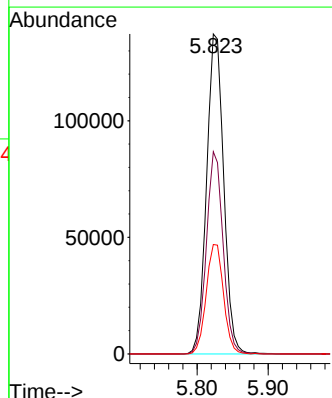
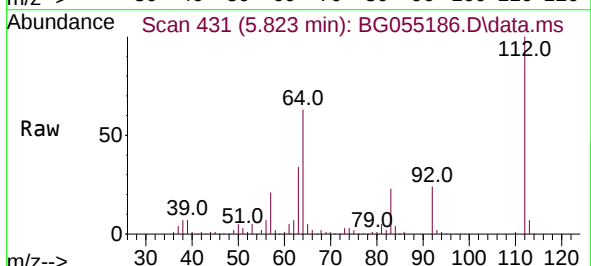
Instrument :
BNA_G
ClientSampleId :
WC-9

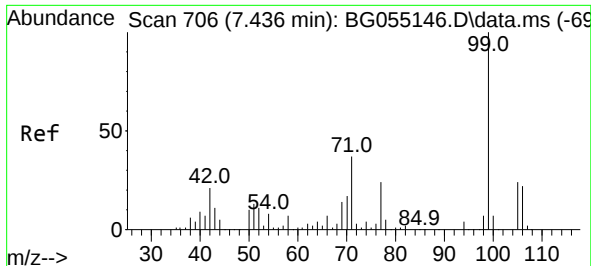
Tgt Ion:152 Resp: 41110
Ion Ratio Lower Upper
152 100
150 154.7 119.7 179.5
115 54.9 42.4 63.6



#5
2-Fluorophenol
Concen: 108.672 ng
RT: 5.823 min Scan# 431
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:112 Resp: 228345
Ion Ratio Lower Upper
112 100
64 63.2 50.9 76.3
63 34.2 29.0 43.6

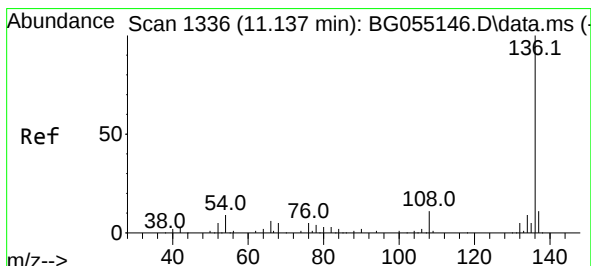
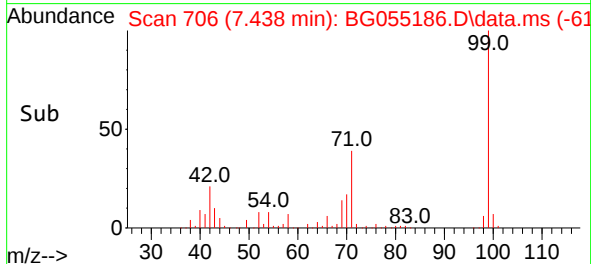
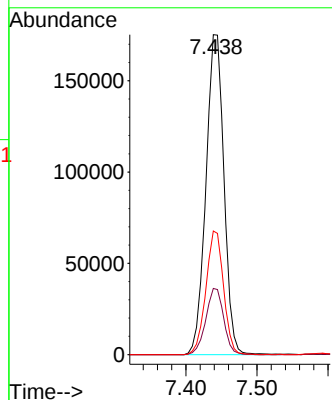
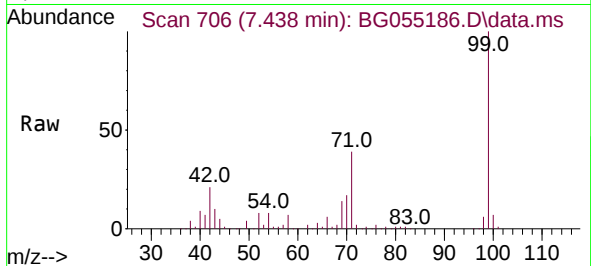




#7
Phenol-d6
Concen: 99.076 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

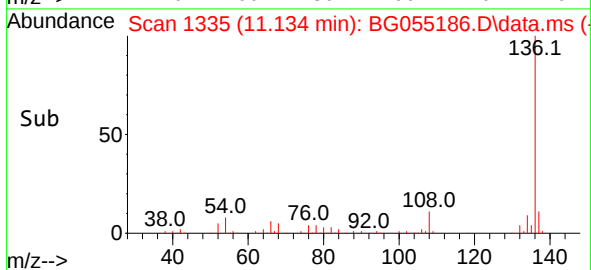
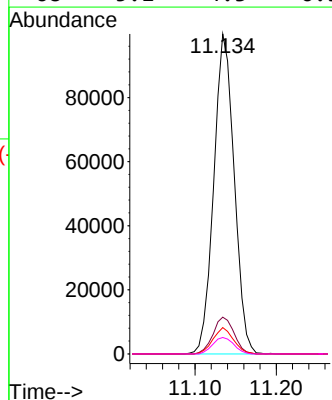
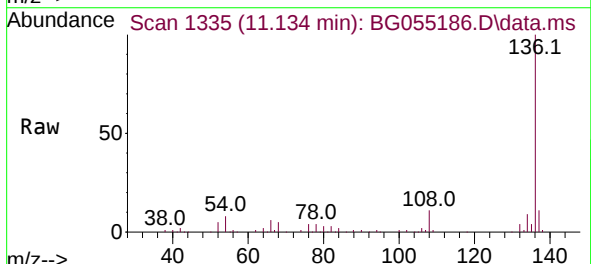
Instrument :
BNA_G
ClientSampleId :
WC-9

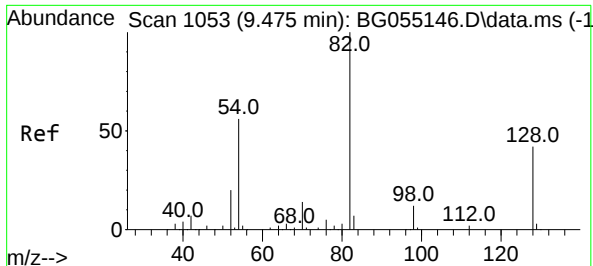
Tgt Ion: 99 Resp: 307958
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 38.6 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.134 min Scan# 1335
Delta R.T. -0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion: 136 Resp: 174087
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.2 7.0 10.6
68 5.1 4.3 6.5





#23

Nitrobenzene-d5

Concen: 60.544 ng

RT: 9.477 min Scan# 1053

Delta R.T. 0.003 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

WC-9

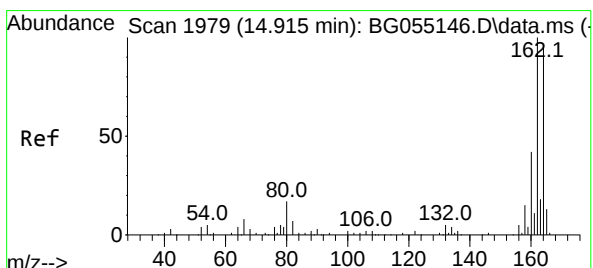
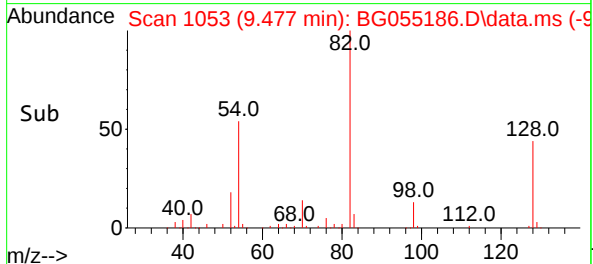
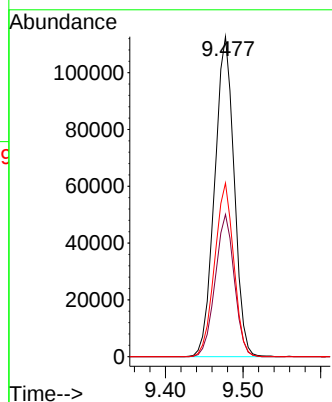
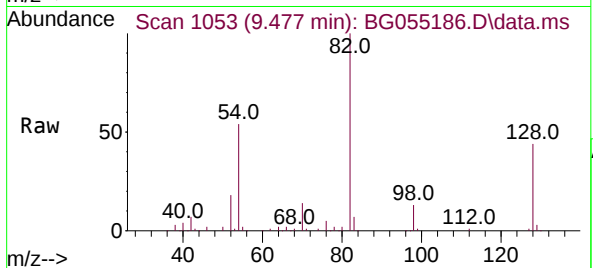
Tgt Ion: 82 Resp: 196551

Ion Ratio Lower Upper

82 100

128 44.4 33.5 50.3

54 54.2 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.912 min Scan# 1978

Delta R.T. -0.003 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

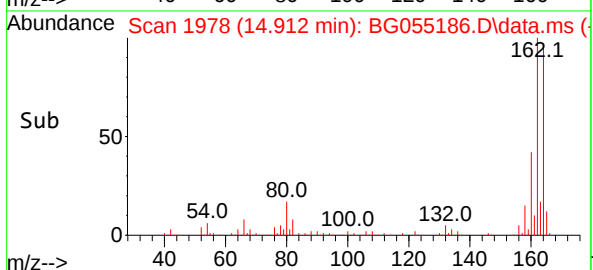
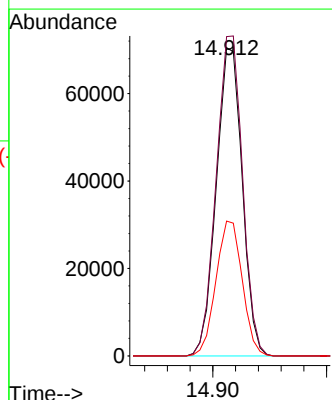
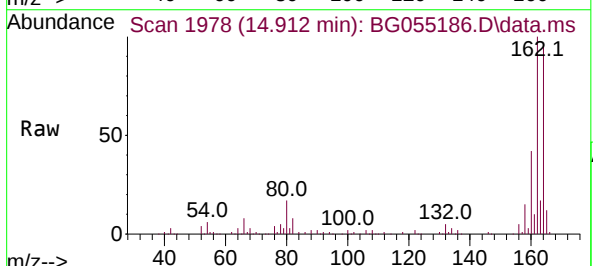
Tgt Ion: 164 Resp: 111754

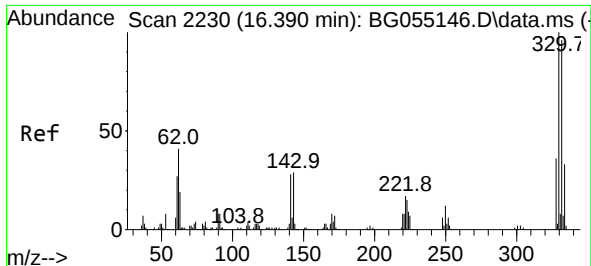
Ion Ratio Lower Upper

164 100

162 103.7 83.3 124.9

160 43.8 35.3 52.9

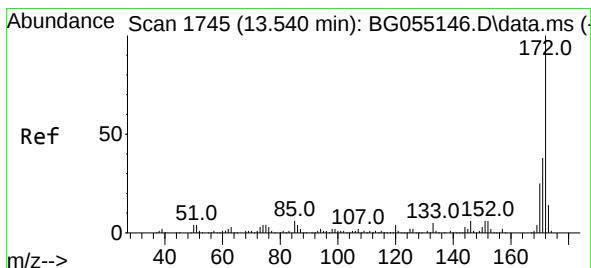
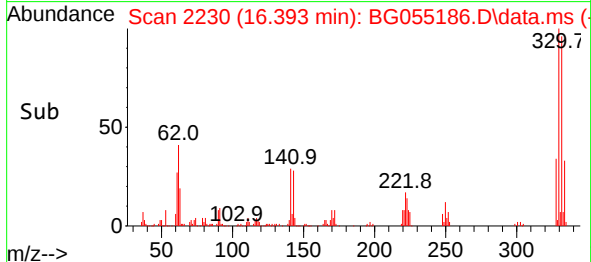
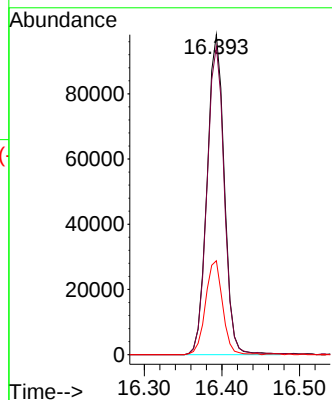
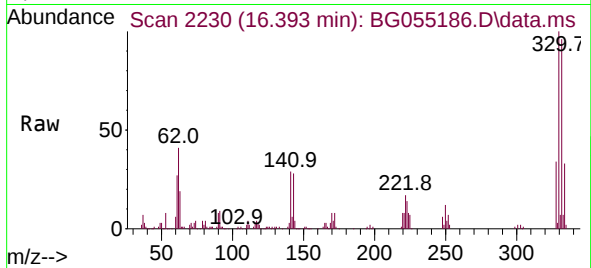




#42
2,4,6-Tribromophenol
Concen: 94.209 ng
RT: 16.393 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

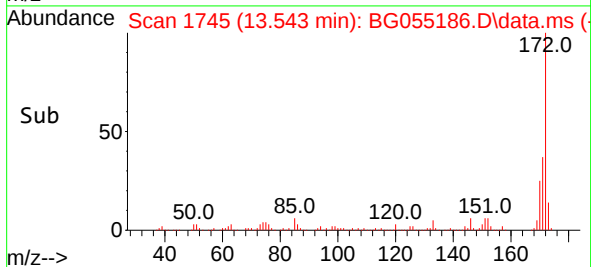
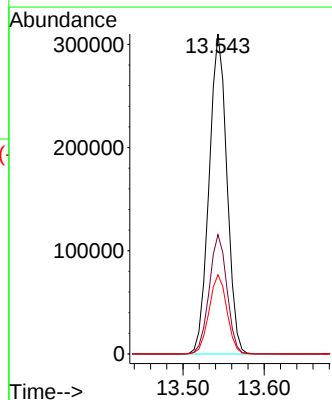
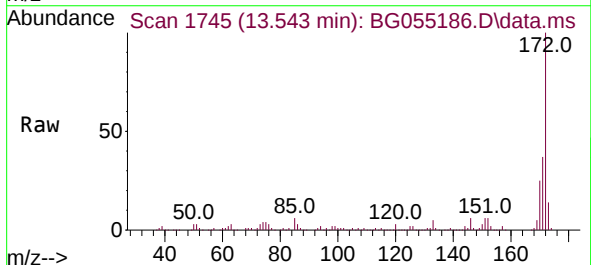
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ClientSampleId :
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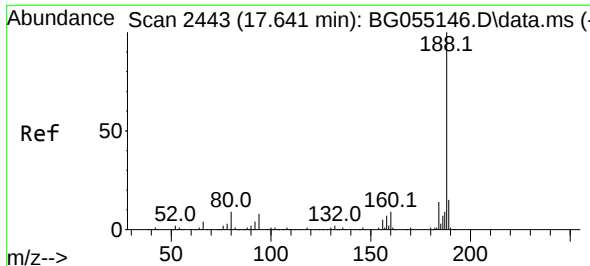
Tgt Ion:330 Resp: 151278
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.4
141 29.0 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 69.061 ng
RT: 13.543 min Scan# 1745
Delta R.T. 0.003 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:172 Resp: 472455
Ion Ratio Lower Upper
172 100
171 37.3 30.1 45.1
170 24.7 19.8 29.6

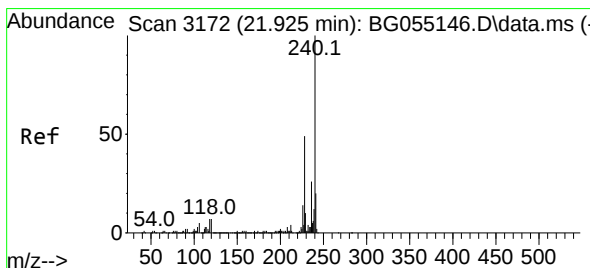
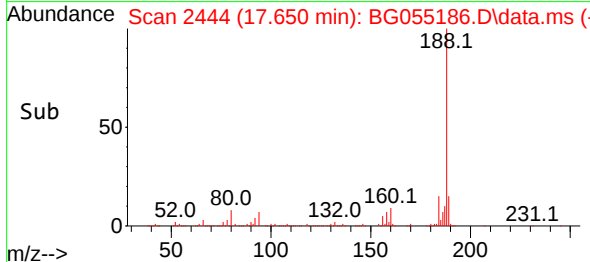
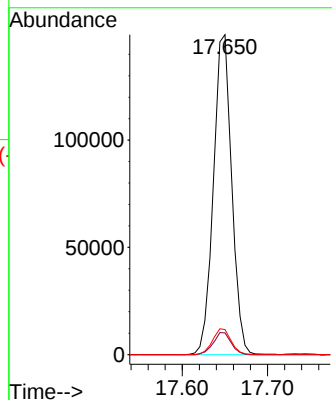
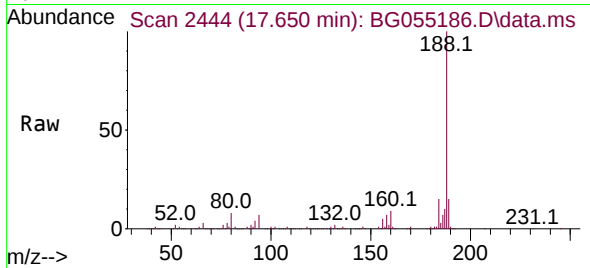




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.650 min Scan# 2444
Delta R.T. 0.009 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

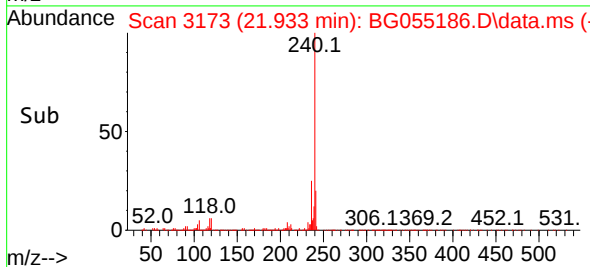
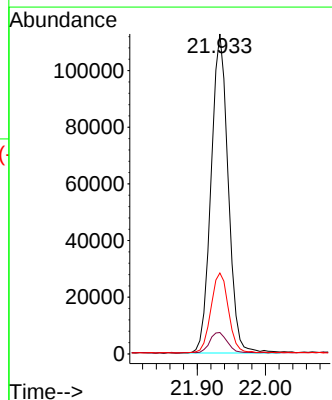
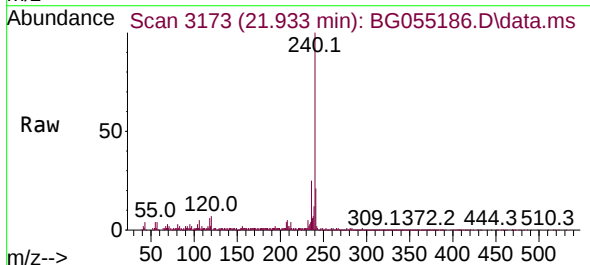
Instrument :
BNA_G
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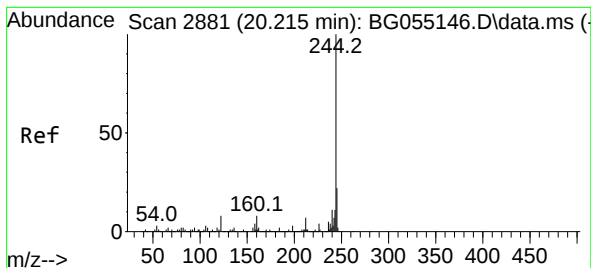
Tgt Ion:188 Resp: 221878
Ion Ratio Lower Upper
188 100
94 6.8 6.2 9.2
80 7.8 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. 0.009 min
Lab File: BG055186.D
Acq: 14 Oct 2022 20:28

Tgt Ion:240 Resp: 196124
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 25.3 20.6 31.0





#79

Terphenyl-d14

Concen: 63.655 ng

RT: 20.224 min Scan# 2881

Delta R.T. 0.009 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

Instrument :

BNA_G

ClientSampleId :

WC-9

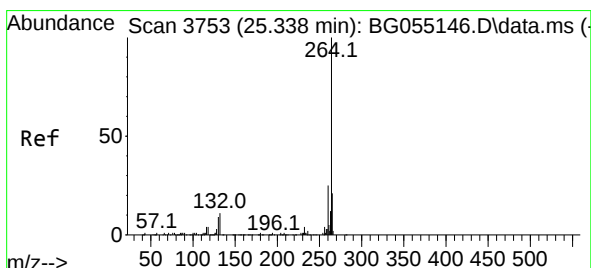
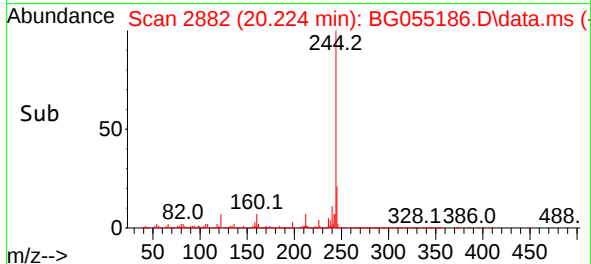
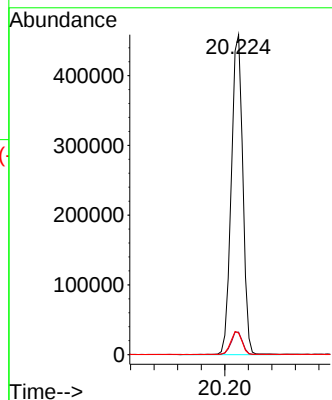
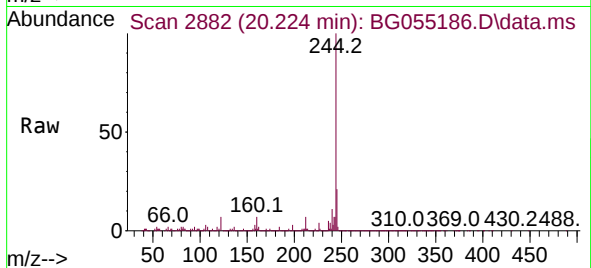
Tgt Ion:244 Resp: 619867

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 6.7 6.6 10.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.359 min Scan# 3756

Delta R.T. 0.020 min

Lab File: BG055186.D

Acq: 14 Oct 2022 20:28

Tgt Ion:264 Resp: 173494

Ion Ratio Lower Upper

264 100

260 24.2 20.1 30.1

265 23.2 16.8 25.2

