

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101722\
 Data File : BG055197.D
 Acq On : 17 Oct 2022 18:04
 Operator : CG/JU
 Sample : N5145-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7-101322

Quant Time: Oct 18 04:42:21 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	8.302	152	28898	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	123103	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	85170	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	183121	20.000	ng	0.00
76) Chrysene-d12	21.927	240	176948	20.000	ng	0.00
86) Perylene-d12	25.358	264	191050	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	108825	73.678	ng	0.00
7) Phenol-d6	7.438	99	90858	41.584	ng	0.00
23) Nitrobenzene-d5	9.471	82	229109	99.801	ng	0.00
42) 2,4,6-Tribromophenol	16.392	330	187613	153.304	ng	0.00
45) 2-Fluorobiphenyl	13.543	172	555848	106.611	ng	0.00
79) Terphenyl-d14	20.217	244	889864	101.284	ng	0.00

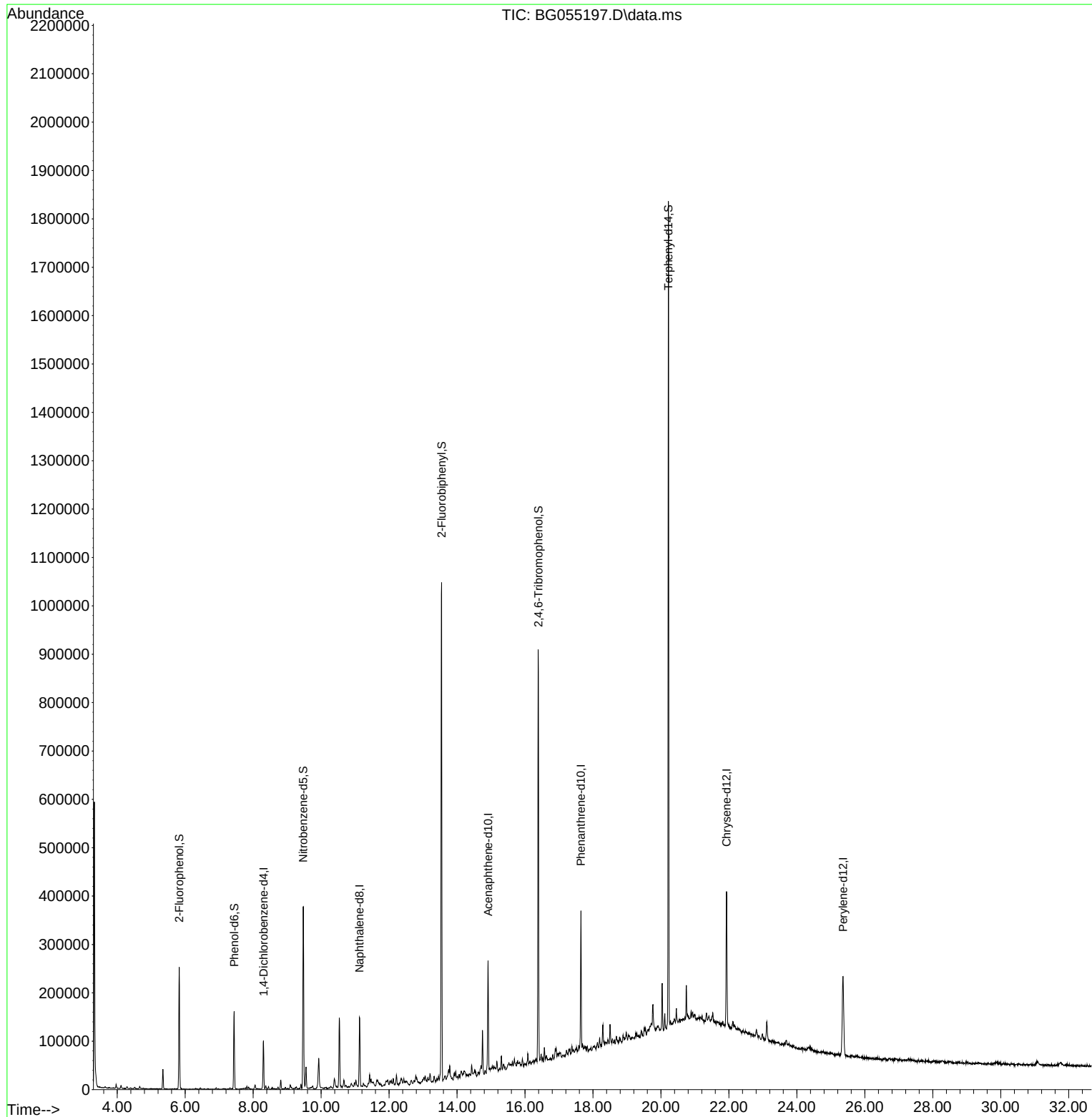
Target Compounds	Qvalue

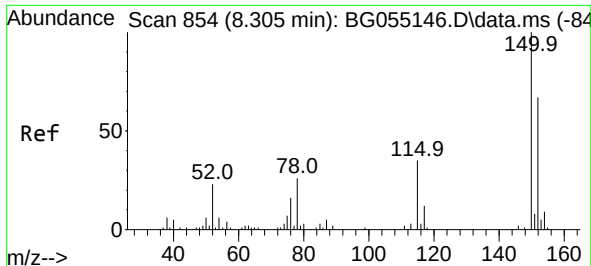
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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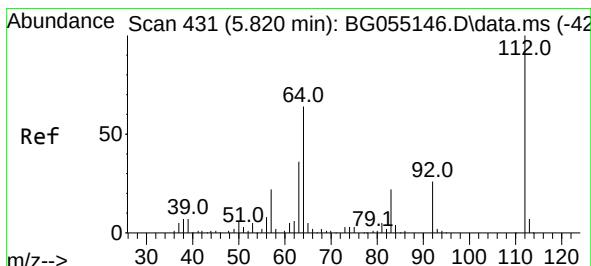
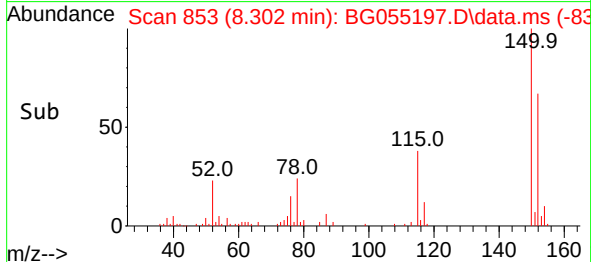
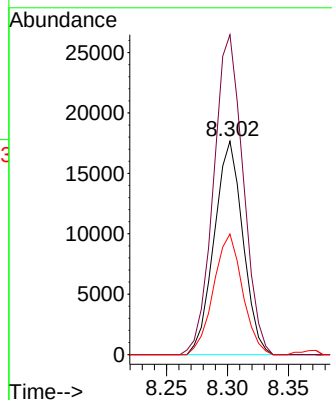
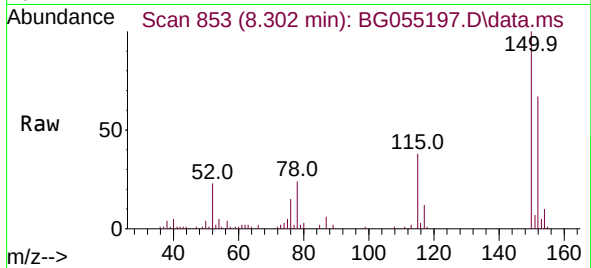




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.302 min Scan# 854
Delta R.T. -0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

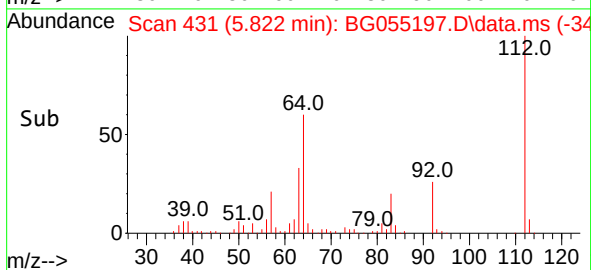
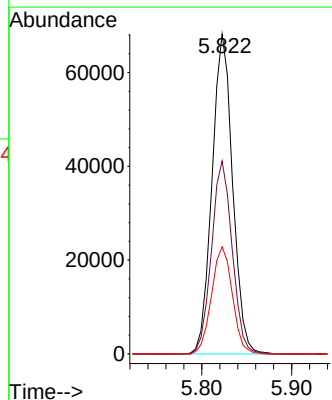
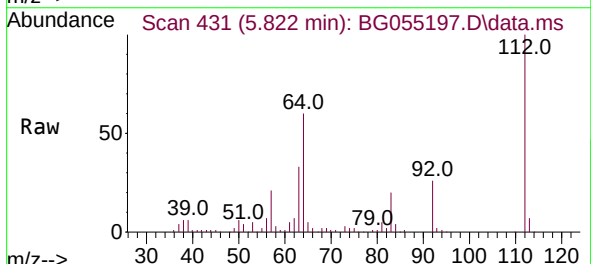
Instrument :
BNA_G
ClientSampleId :
MW-7-101322

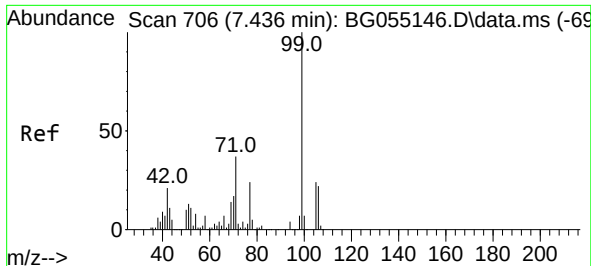
Tgt Ion:152 Resp: 28898
Ion Ratio Lower Upper
152 100
150 150.0 119.7 179.5
115 56.5 42.4 63.6



#5
2-Fluorophenol
Concen: 73.678 ng
RT: 5.822 min Scan# 431
Delta R.T. 0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

Tgt Ion:112 Resp: 108825
Ion Ratio Lower Upper
112 100
64 60.3 50.9 76.3
63 33.5 29.0 43.6

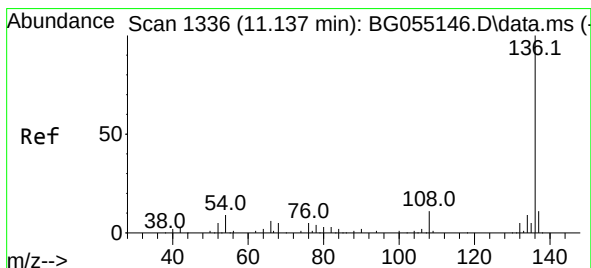
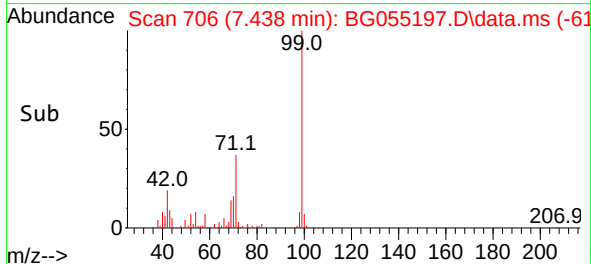
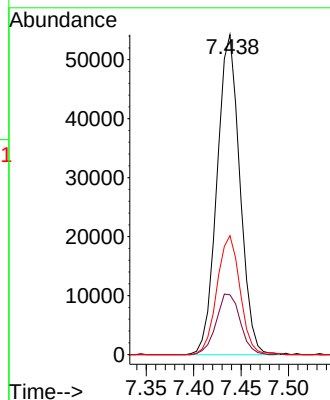
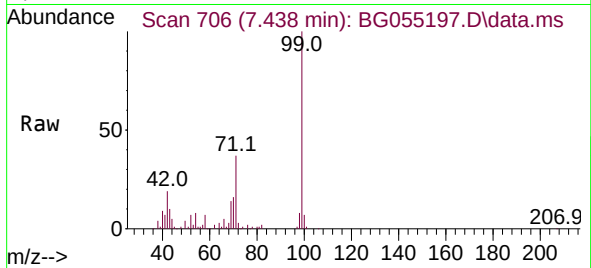




#7
Phenol-d6
Concen: 41.584 ng
RT: 7.438 min Scan# 706
Delta R.T. 0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

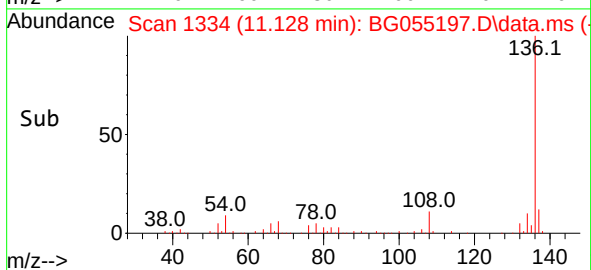
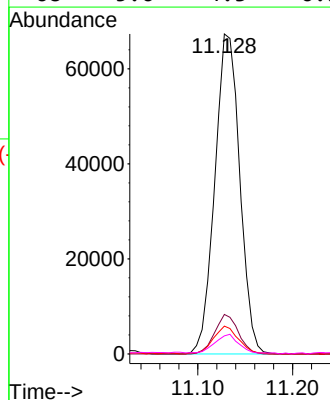
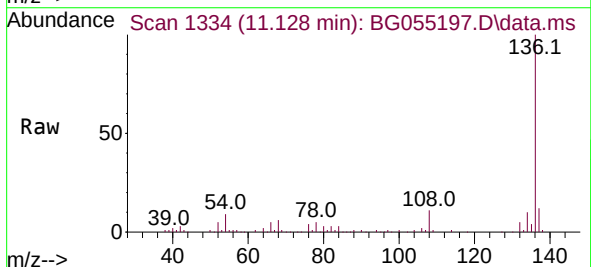
Instrument :
BNA_G
ClientSampleId :
MW-7-101322

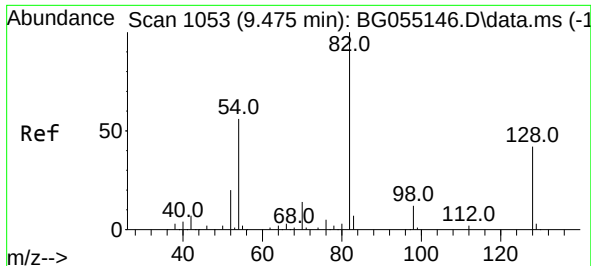
Tgt Ion: 99 Resp: 90858
Ion Ratio Lower Upper
99 100
42 18.7 16.6 25.0
71 37.2 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1334
Delta R.T. -0.009 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

Tgt Ion:136 Resp: 123103
Ion Ratio Lower Upper
136 100
137 12.3 9.1 13.7
54 8.7 7.0 10.6
68 5.6 4.3 6.5





#23
Nitrobenzene-d5
Concen: 99.801 ng
RT: 9.471 min Scan# 1052
Delta R.T. -0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

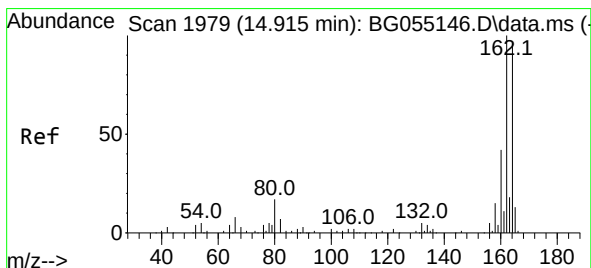
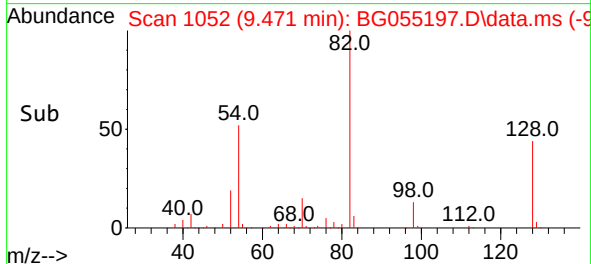
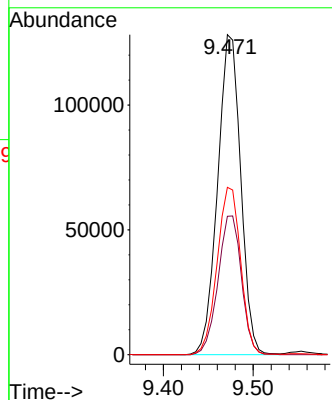
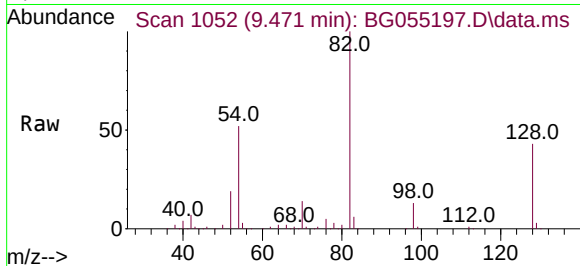
Instrument :

BNA_G

ClientSampleId :

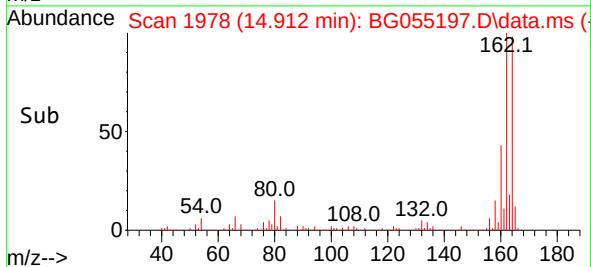
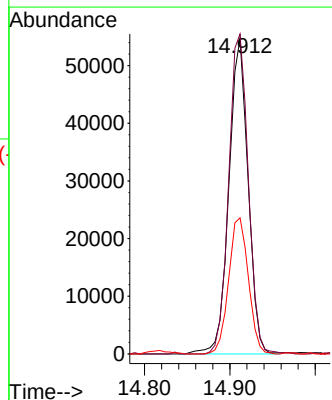
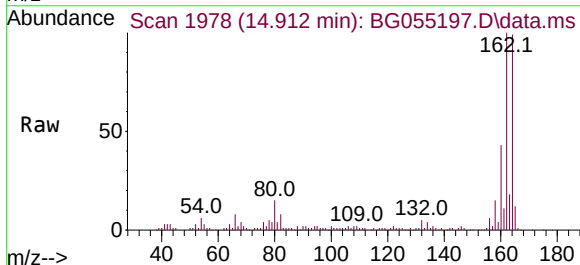
MW-7-101322

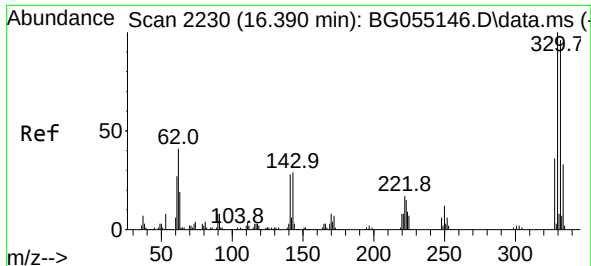
Tgt Ion: 82 Resp: 229109
Ion Ratio Lower Upper
82 100
128 43.3 33.5 50.3
54 52.3 44.7 67.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.912 min Scan# 1978
Delta R.T. -0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

Tgt Ion: 164 Resp: 85170
Ion Ratio Lower Upper
164 100
162 101.4 83.3 124.9
160 43.1 35.3 52.9





#42

2,4,6-Tribromophenol

Concen: 153.304 ng

RT: 16.392 min Scan# 2230

Delta R.T. 0.003 min

Lab File: BG055197.D

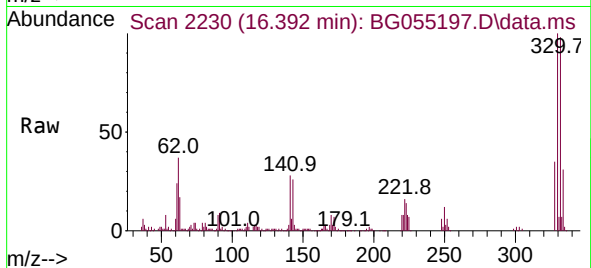
Acq: 17 Oct 2022 18:04

Instrument :

BNA_G

ClientSampleId :

MW-7-101322



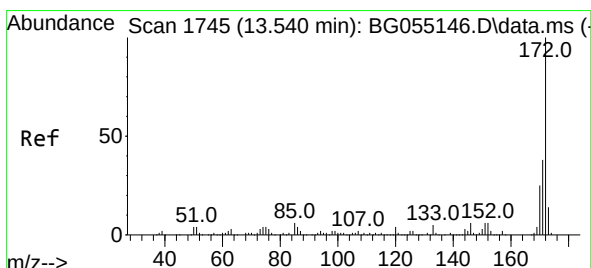
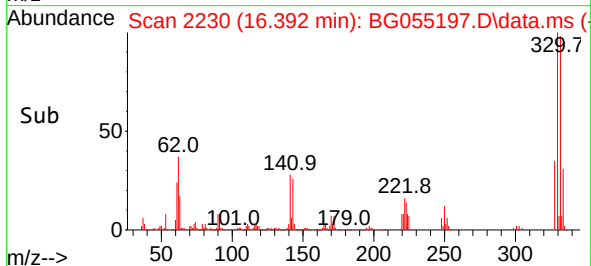
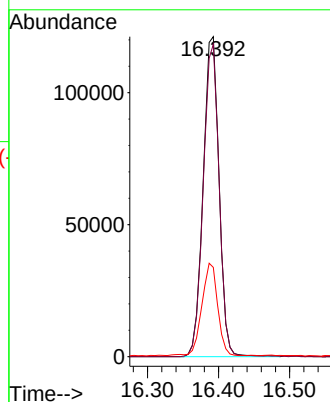
Tgt Ion:330 Resp: 187613

Ion Ratio Lower Upper

330 100

332 97.1 77.0 115.4

141 28.7 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 106.611 ng

RT: 13.543 min Scan# 1745

Delta R.T. 0.003 min

Lab File: BG055197.D

Acq: 17 Oct 2022 18:04

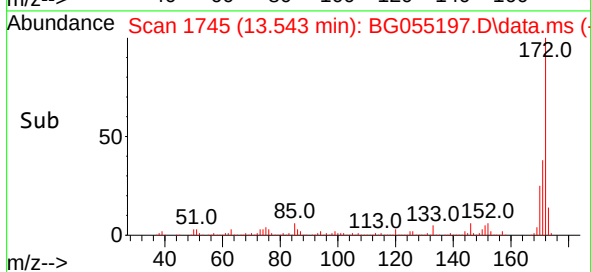
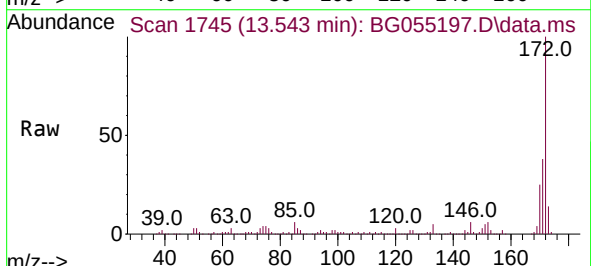
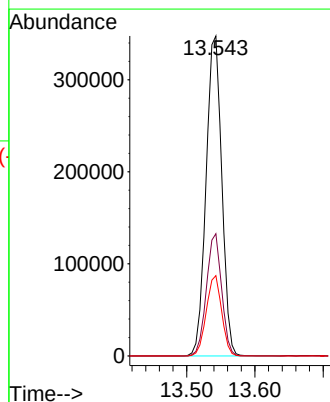
Tgt Ion:172 Resp: 555848

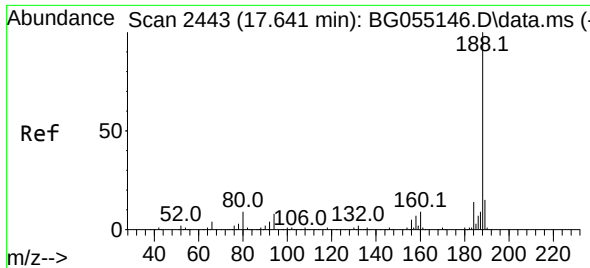
Ion Ratio Lower Upper

172 100

171 38.2 30.1 45.1

170 25.1 19.8 29.6

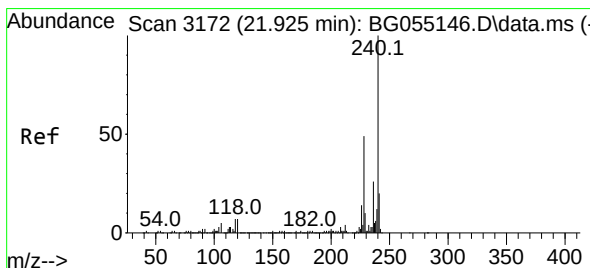
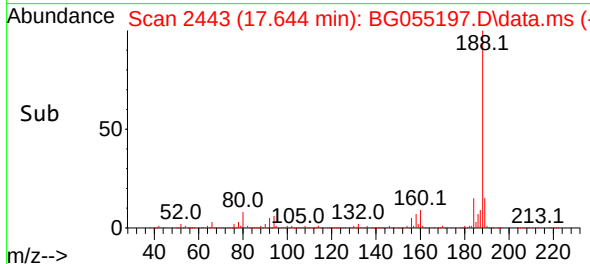
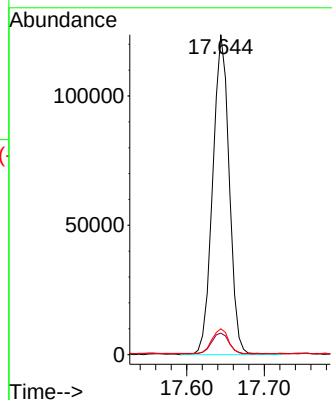
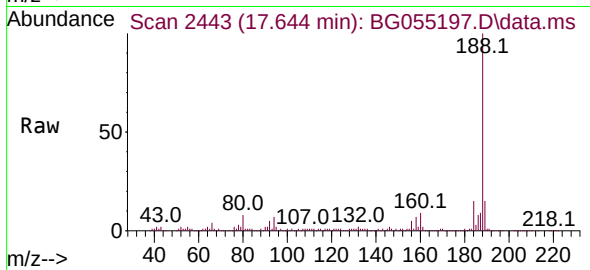




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. 0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

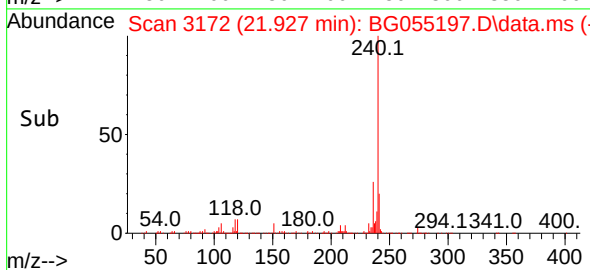
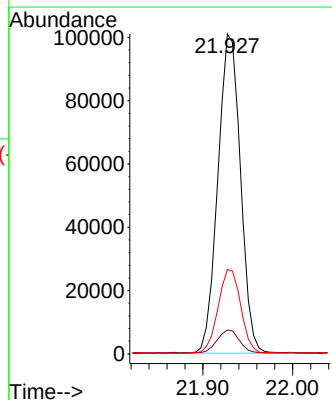
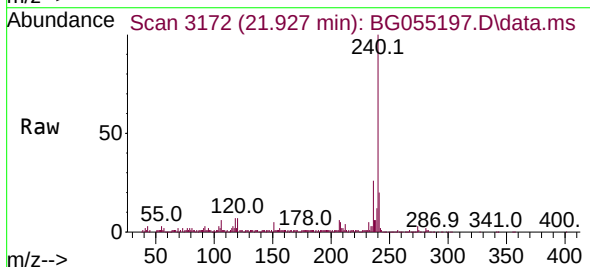
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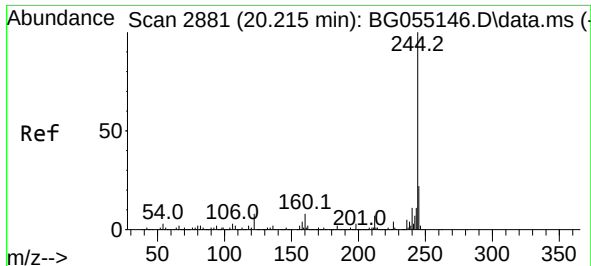
Tgt Ion:188 Resp: 183121
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 8.1 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. 0.003 min
Lab File: BG055197.D
Acq: 17 Oct 2022 18:04

Tgt Ion:240 Resp: 176948
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 26.4 20.6 31.0

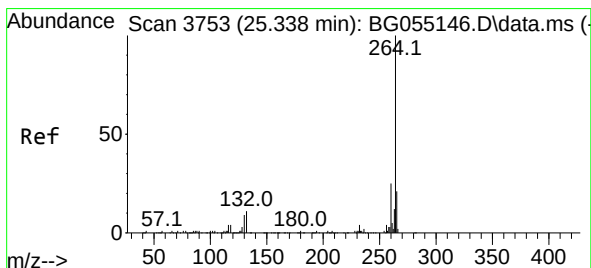
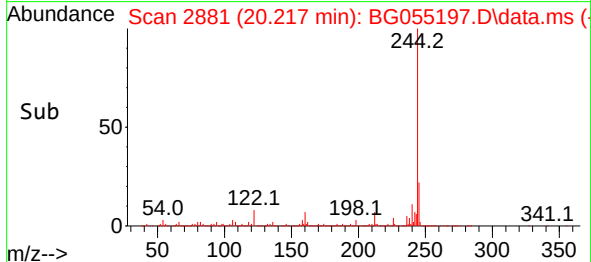
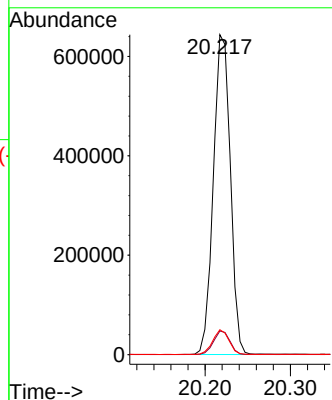
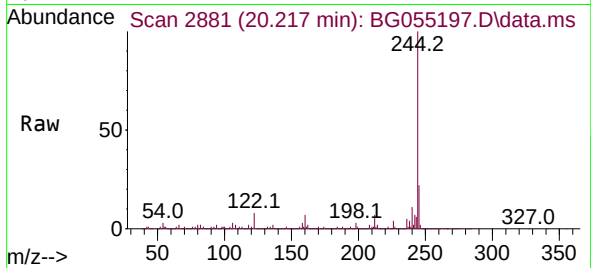




#79
 Terphenyl-d14
 Concen: 101.284 ng
 RT: 20.217 min Scan# 2881
 Delta R.T. 0.003 min
 Lab File: BG055197.D
 Acq: 17 Oct 2022 18:04

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 889864
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 7.8 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.358 min Scan# 3756
 Delta R.T. 0.020 min
 Lab File: BG055197.D
 Acq: 17 Oct 2022 18:04

Tgt Ion:264 Resp: 191050
 Ion Ratio Lower Upper
 264 100
 260 22.4 20.1 30.1
 265 22.3 16.8 25.2

