

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101322\
 Data File : BG055171.D
 Acq On : 13 Oct 2022 20:05
 Operator : CG/JU
 Sample : N5123-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-2-101222

Quant Time: Oct 14 01:28:51 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	50434	20.000	ng	0.00
21) Naphthalene-d8	11.138	136	194782	20.000	ng	0.00
39) Acenaphthene-d10	14.916	164	126410	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	258044	20.000	ng	0.00
76) Chrysene-d12	21.931	240	245123	20.000	ng	0.00
86) Perylene-d12	25.368	264	223683	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	89409	34.684	ng	0.00
7) Phenol-d6	7.436	99	121693	31.913	ng	0.00
23) Nitrobenzene-d5	9.475	82	78997	21.748	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	55884	30.767	ng	0.00
45) 2-Fluorobiphenyl	13.541	172	188529	24.363	ng	0.00
79) Terphenyl-d14	20.233	244	272645	22.401	ng	0.02

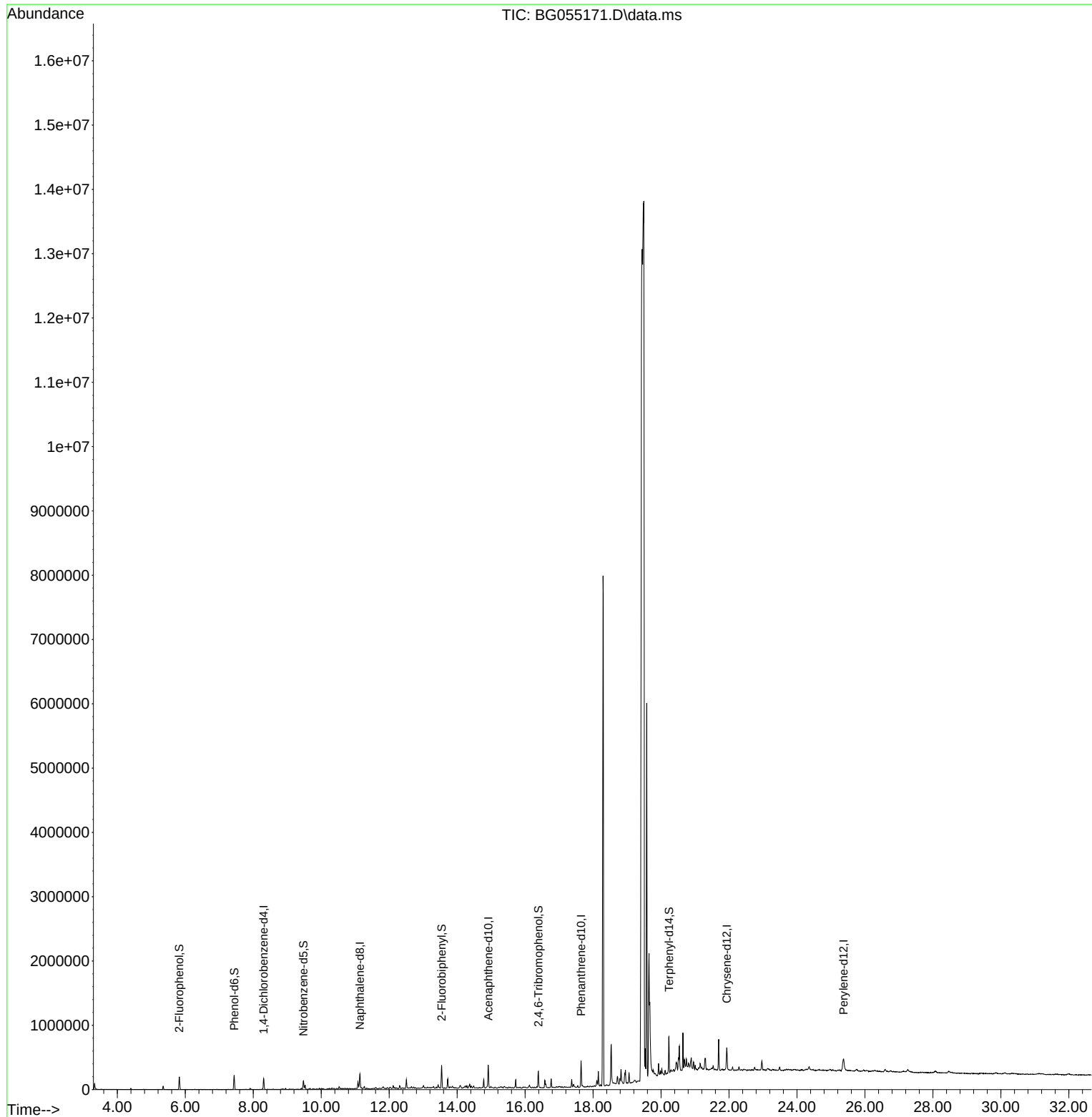
Target Compounds	Qvalue

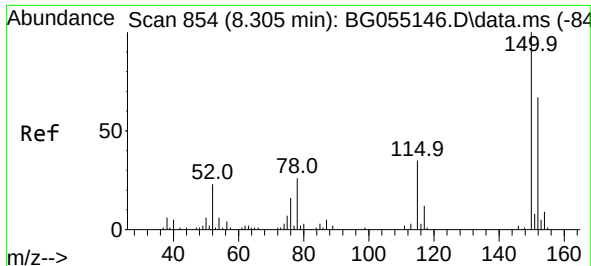
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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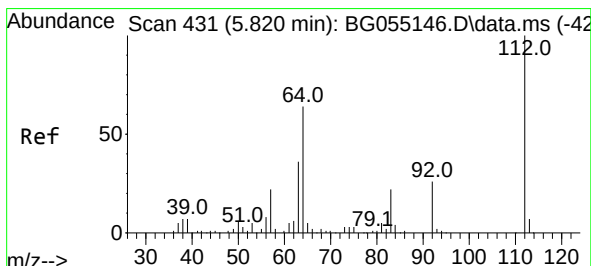
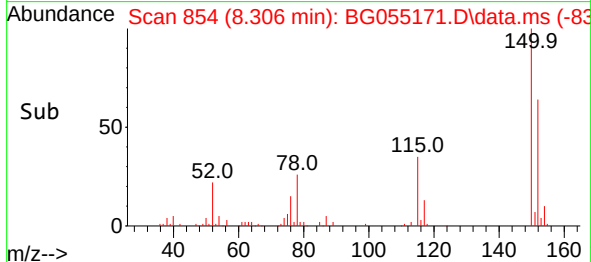
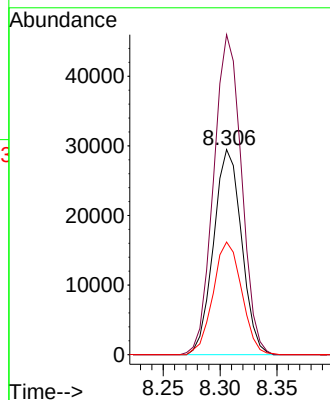
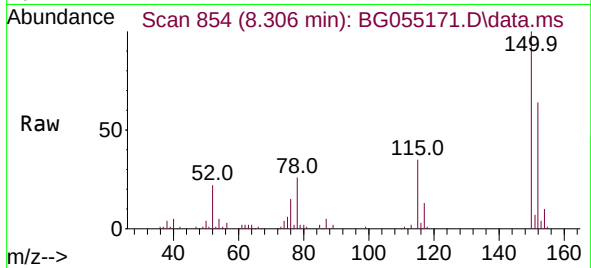




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.306 min Scan# 854
 Delta R.T. 0.001 min
 Lab File: BG055171.D
 Acq: 13 Oct 2022 20:05

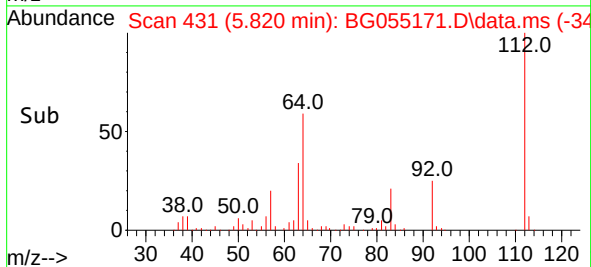
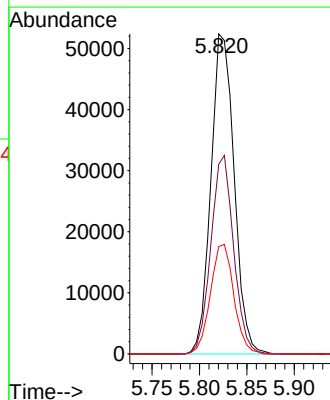
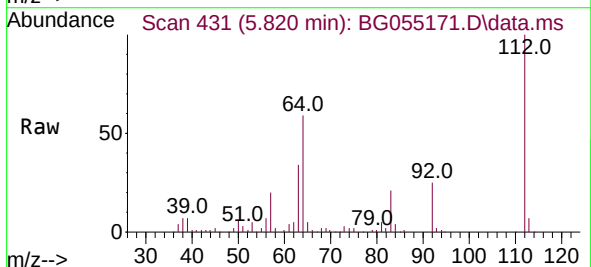
Instrument :
 BNA_G
 ClientSampleId :
 HR-2-101222

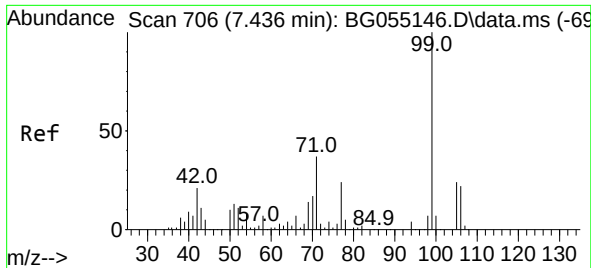
Tgt Ion:152 Resp: 50434
 Ion Ratio Lower Upper
 152 100
 150 156.0 119.7 179.5
 115 54.9 42.4 63.6



#5
 2-Fluorophenol
 Concen: 34.684 ng
 RT: 5.820 min Scan# 431
 Delta R.T. 0.000 min
 Lab File: BG055171.D
 Acq: 13 Oct 2022 20:05

Tgt Ion:112 Resp: 89409
 Ion Ratio Lower Upper
 112 100
 64 59.3 50.9 76.3
 63 33.5 29.0 43.6

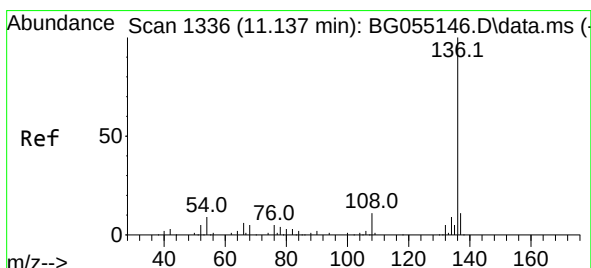
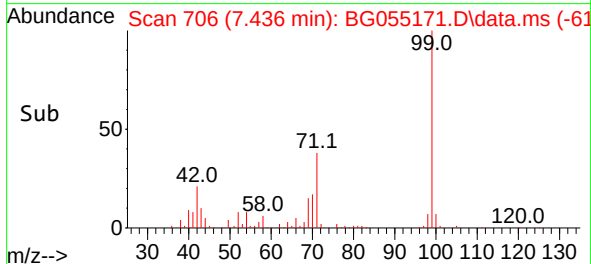
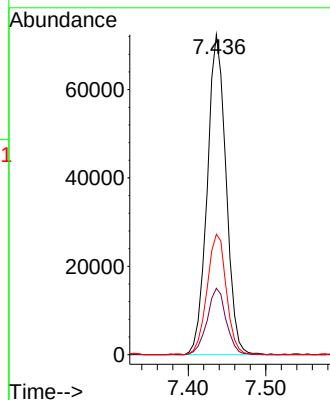
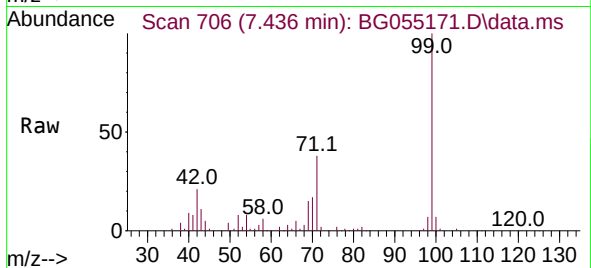




#7
Phenol-d6
Concen: 31.913 ng
RT: 7.436 min Scan# 706
Delta R.T. 0.000 min
Lab File: BG055171.D
Acq: 13 Oct 2022 20:05

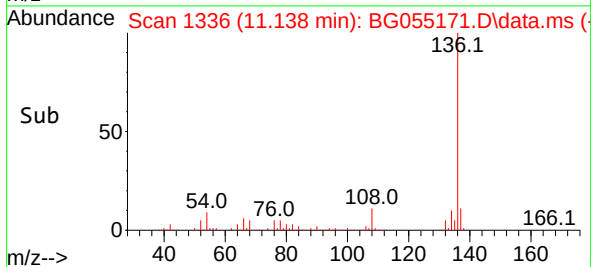
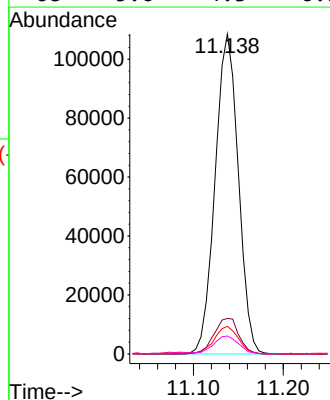
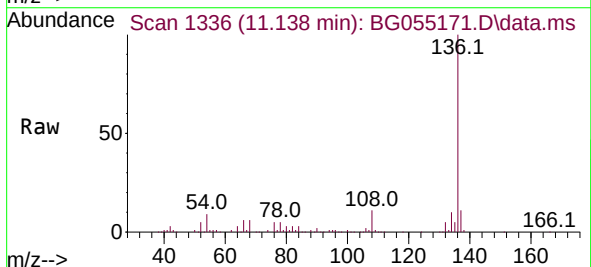
Instrument :
BNA_G
ClientSampleId :
HR-2-101222

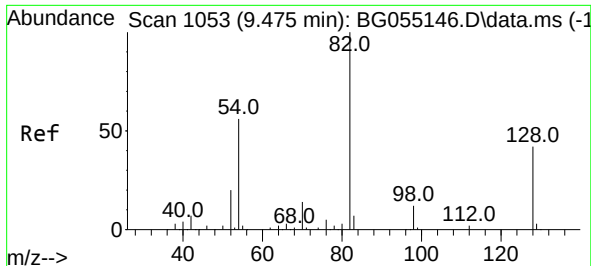
Tgt Ion: 99 Resp: 121693
Ion Ratio Lower Upper
99 100
42 20.7 16.6 25.0
71 37.6 29.6 44.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.138 min Scan# 1336
Delta R.T. 0.001 min
Lab File: BG055171.D
Acq: 13 Oct 2022 20:05

Tgt Ion:136 Resp: 194782
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.6 7.0 10.6
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 21.748 ng

RT: 9.475 min Scan# 1053

Delta R.T. 0.000 min

Lab File: BG055171.D

Acq: 13 Oct 2022 20:05

Instrument :

BNA_G

ClientSampleId :

HR-2-101222

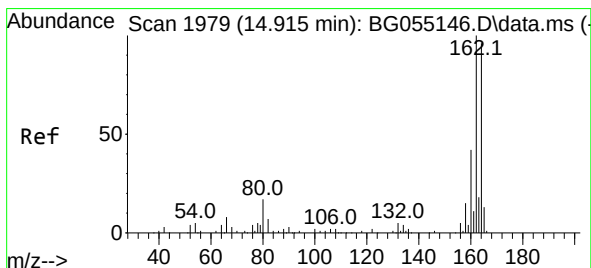
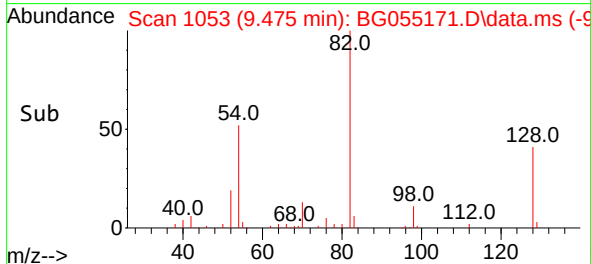
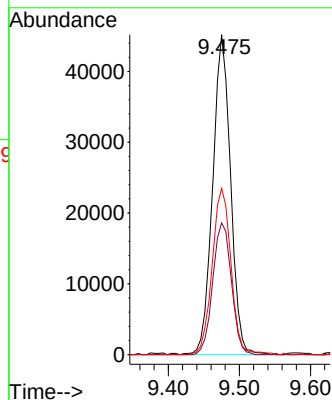
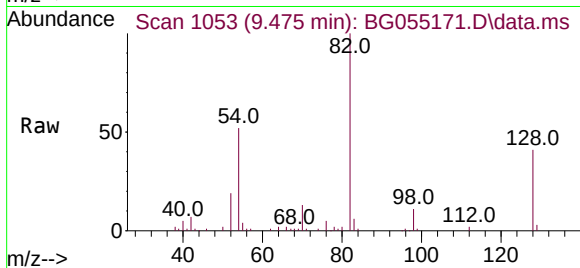
Tgt Ion: 82 Resp: 78997

Ion Ratio Lower Upper

82 100

128 41.2 33.5 50.3

54 52.0 44.7 67.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.916 min Scan# 1979

Delta R.T. 0.000 min

Lab File: BG055171.D

Acq: 13 Oct 2022 20:05

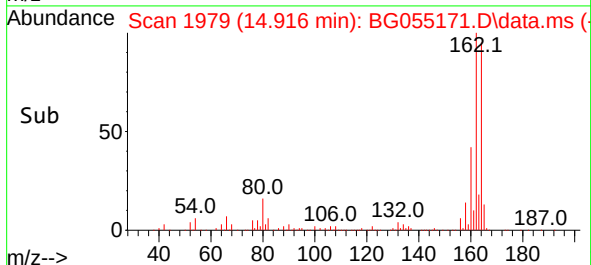
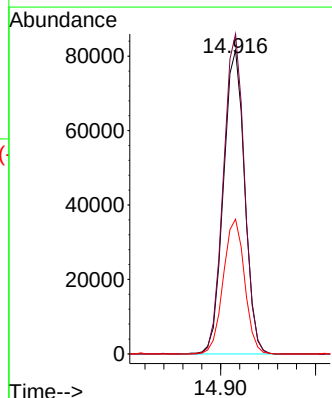
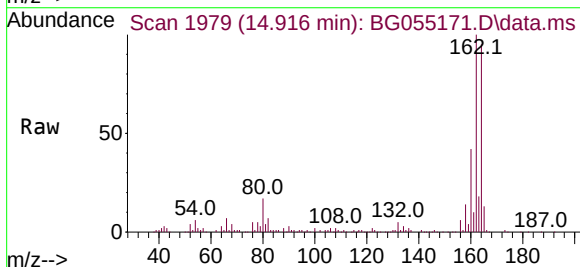
Tgt Ion:164 Resp: 126410

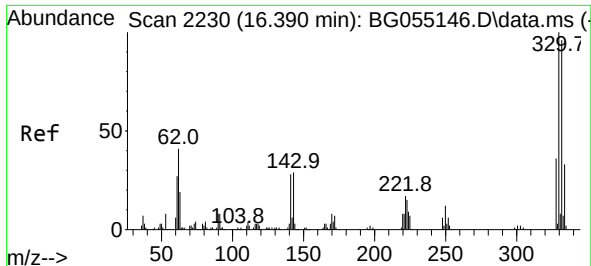
Ion Ratio Lower Upper

164 100

162 105.3 83.3 124.9

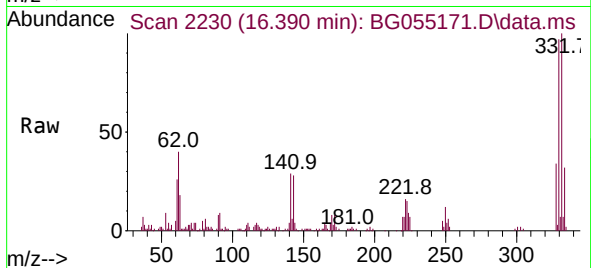
160 44.3 35.3 52.9



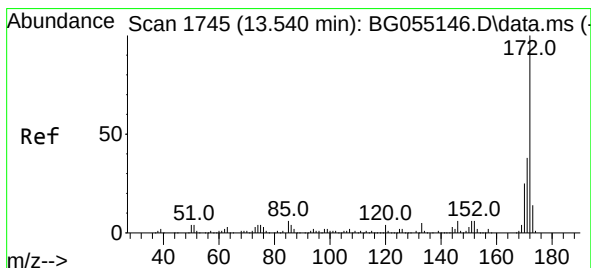
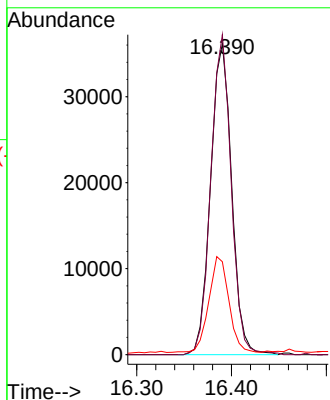
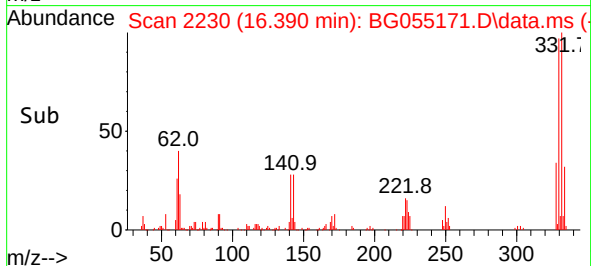


#42
2,4,6-Tribromophenol
Concen: 30.767 ng
RT: 16.390 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG055171.D
Acq: 13 Oct 2022 20:05

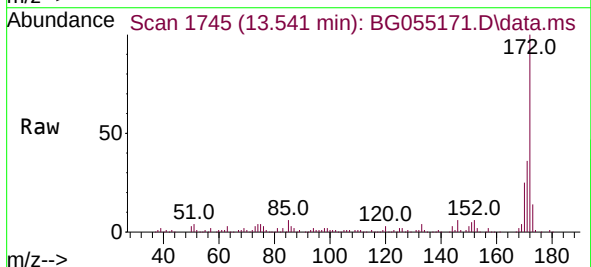
Instrument :
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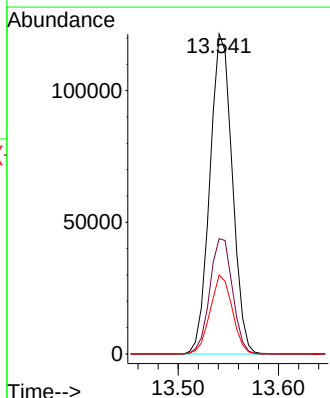
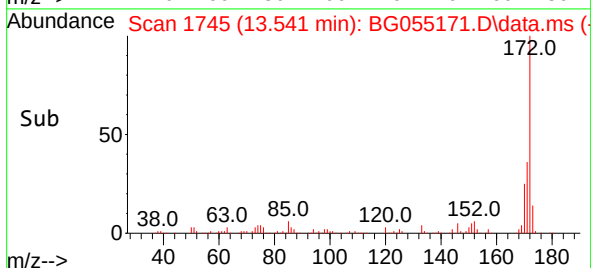
Tgt Ion:330 Resp: 55884
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.4
141 29.1 24.6 36.8

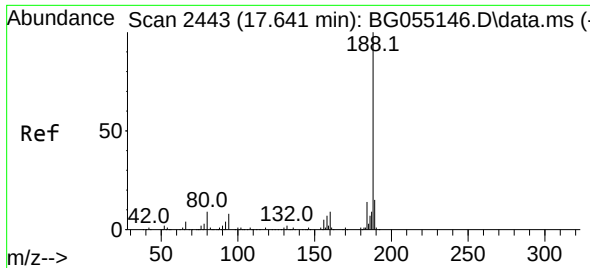


#45
2-Fluorobiphenyl
Concen: 24.363 ng
RT: 13.541 min Scan# 1745
Delta R.T. 0.000 min
Lab File: BG055171.D
Acq: 13 Oct 2022 20:05



Tgt Ion:172 Resp: 188529
Ion Ratio Lower Upper
172 100
171 36.0 30.1 45.1
170 24.7 19.8 29.6

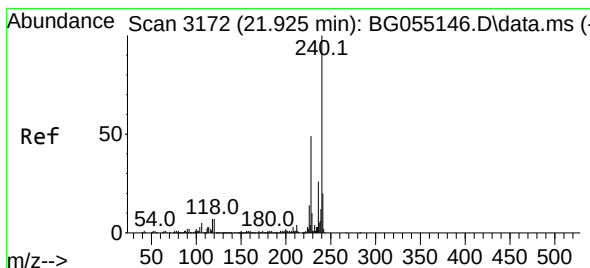
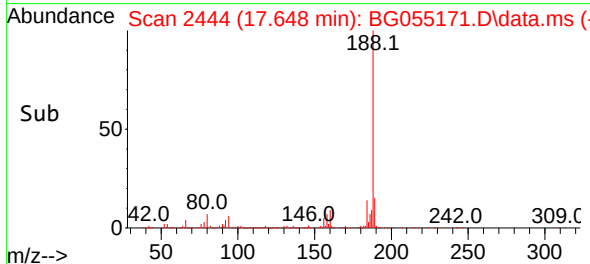
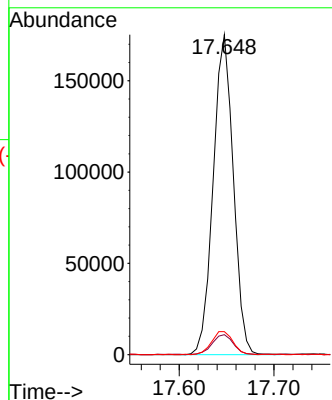
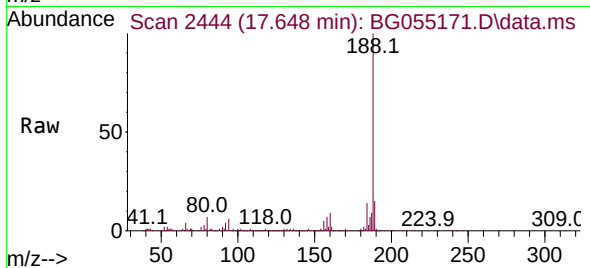




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.648 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BG055171.D
Acq: 13 Oct 2022 20:05

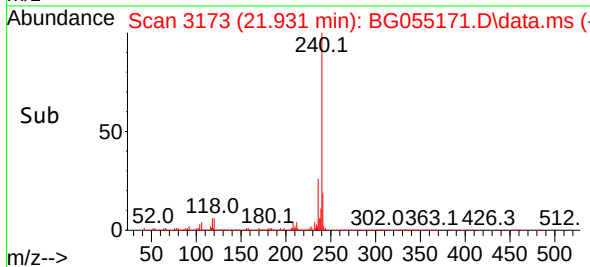
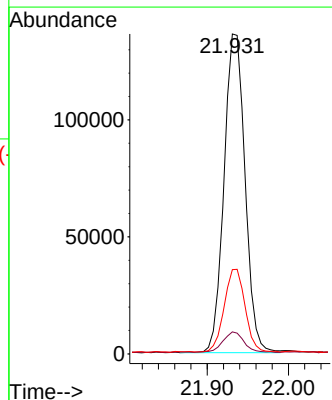
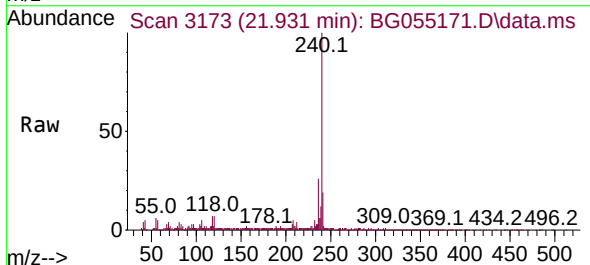
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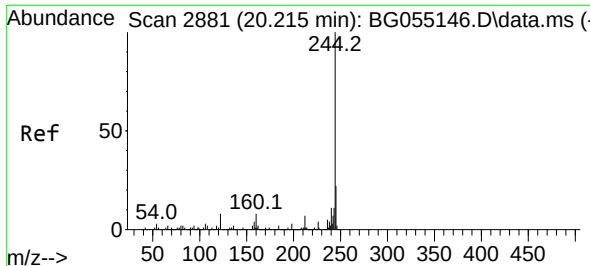
Tgt Ion:188 Resp: 258044
Ion Ratio Lower Upper
188 100
94 6.2 6.2 9.2
80 7.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.931 min Scan# 3173
Delta R.T. 0.006 min
Lab File: BG055171.D
Acq: 13 Oct 2022 20:05

Tgt Ion:240 Resp: 245123
Ion Ratio Lower Upper
240 100
120 6.9 5.4 8.0
236 26.3 20.6 31.0

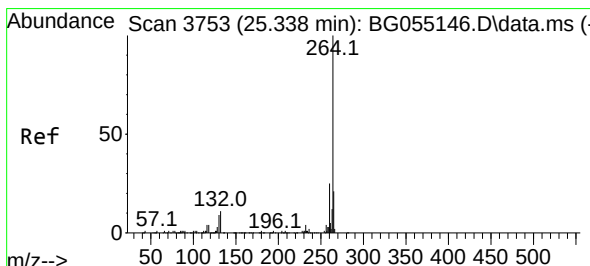
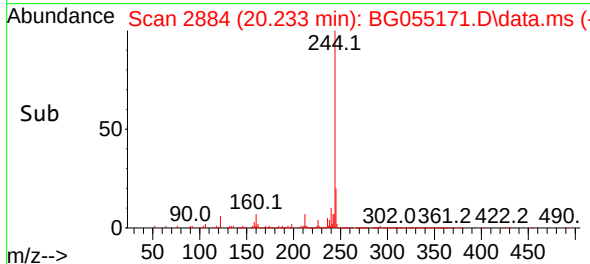
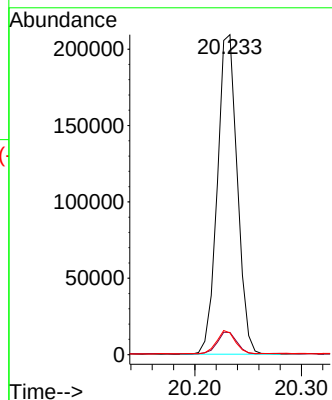
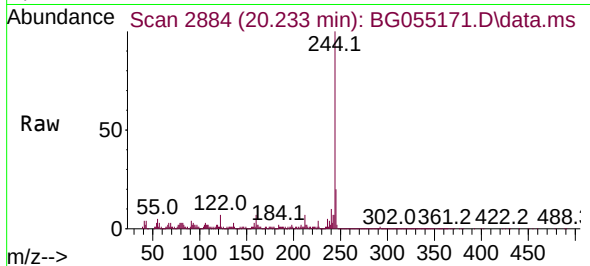




#79
 Terphenyl-d14
 Concen: 22.401 ng
 RT: 20.233 min Scan# 2884
 Delta R.T. 0.018 min
 Lab File: BG055171.D
 Acq: 13 Oct 2022 20:05

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 272645
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 6.8 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.368 min Scan# 3758
 Delta R.T. 0.030 min
 Lab File: BG055171.D
 Acq: 13 Oct 2022 20:05

Tgt Ion:264 Resp: 223683
 Ion Ratio Lower Upper
 264 100
 260 25.2 20.1 30.1
 265 22.9 16.8 25.2

