

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055336.D
 Acq On : 28 Oct 2022 11:03
 Operator : CG/JU
 Sample : PB148486BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148486BL

Quant Time: Oct 29 04:28:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	26934	20.000	ng	-0.01
21) Naphthalene-d8	11.093	136	112829	20.000	ng	0.00
39) Acenaphthene-d10	14.877	164	76827	20.000	ng	0.00
64) Phenanthrene-d10	17.615	188	192159	20.000	ng	# 0.00
76) Chrysene-d12	21.886	240	202011	20.000	ng	-0.02
86) Perylene-d12	25.282	264	214291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.788	112	210750	137.008	ng	0.00
7) Phenol-d6	7.409	99	272612	122.328	ng	0.00
23) Nitrobenzene-d5	9.436	82	167939	76.005	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	129445	154.991	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	403182	85.896	ng	0.00
79) Terphenyl-d14	20.188	244	842256	86.626	ng	0.00

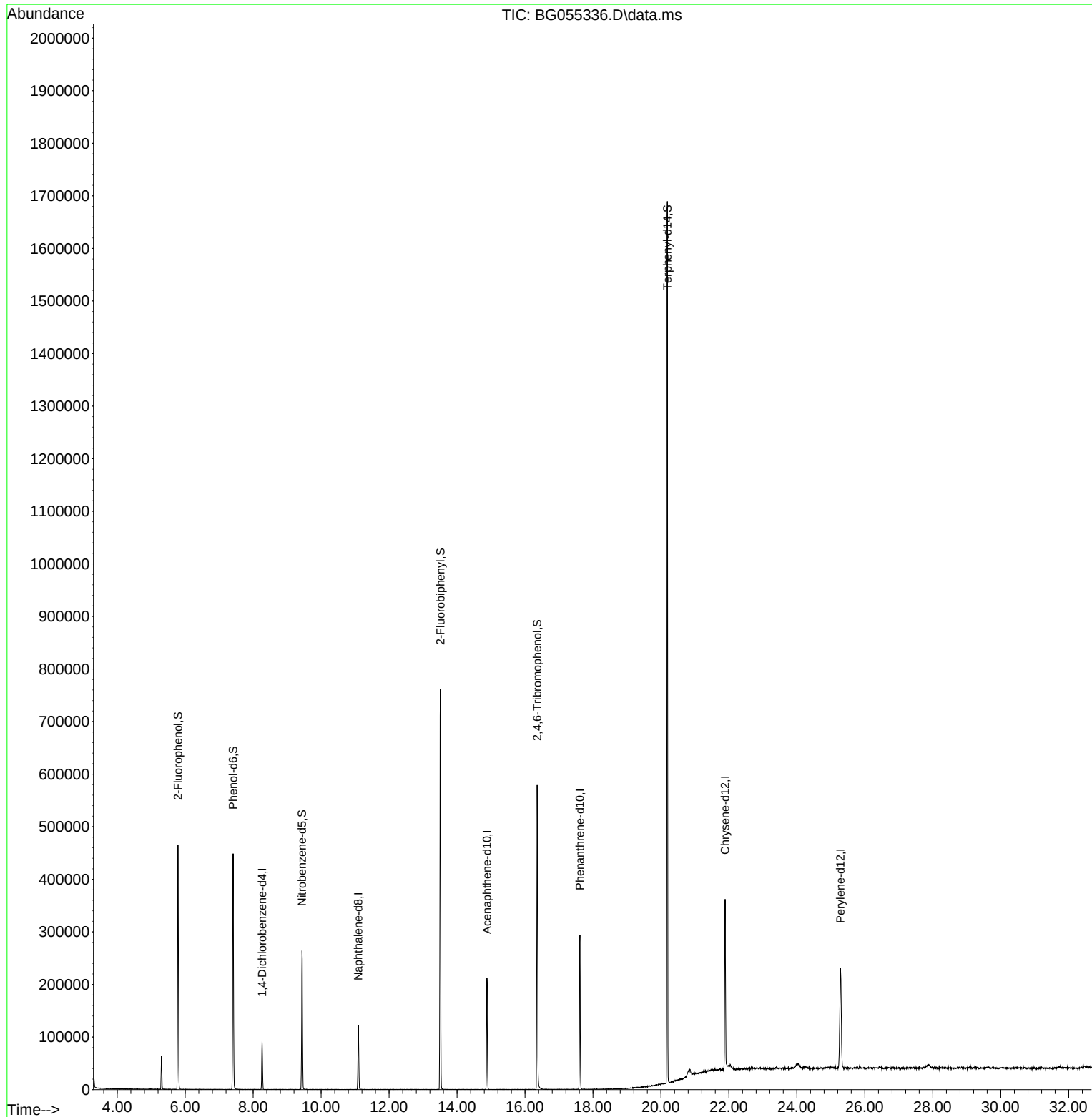
Target Compounds	Qvalue

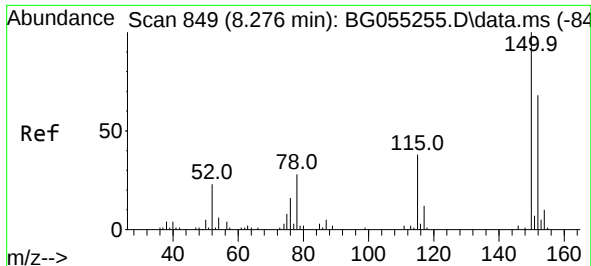
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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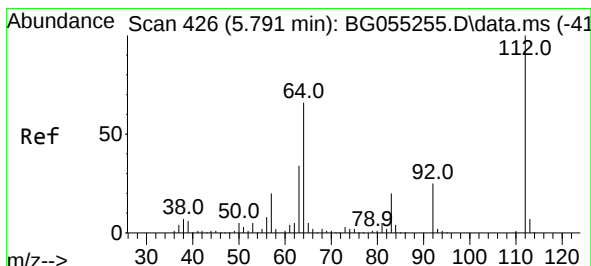
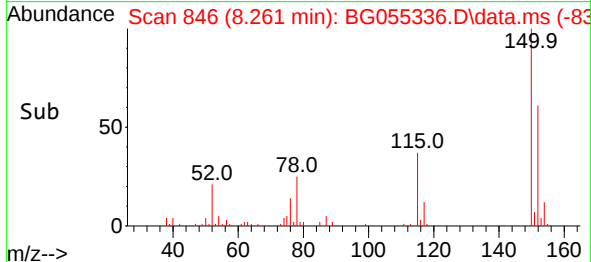
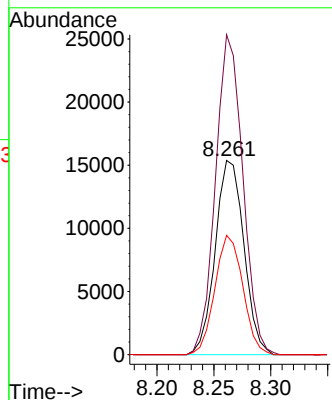
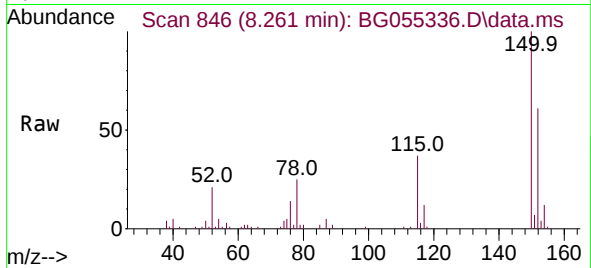




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.261 min Scan# 84
Delta R.T. -0.015 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

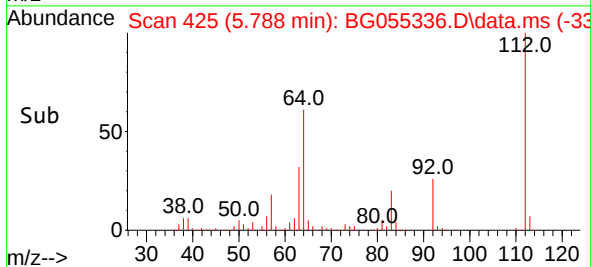
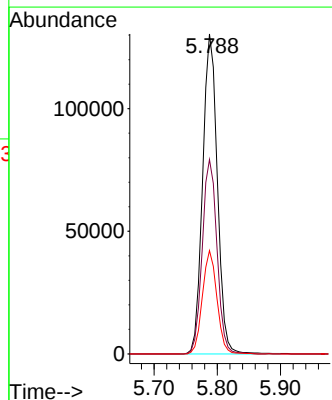
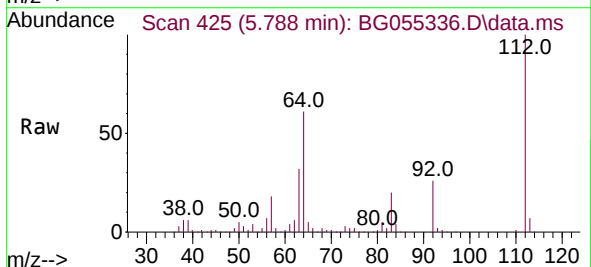
Instrument :
BNA_G
ClientSampleId :
PB148486BL

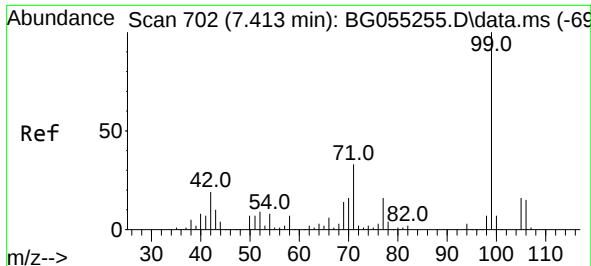
Tgt Ion:152 Resp: 26934
Ion Ratio Lower Upper
152 100
150 164.8 118.2 177.4
115 61.5 44.5 66.7



#5
2-Fluorophenol
Concen: 137.008 ng
RT: 5.788 min Scan# 425
Delta R.T. -0.003 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

Tgt Ion:112 Resp: 210750
Ion Ratio Lower Upper
112 100
64 60.7 52.6 78.8
63 32.3 27.1 40.7

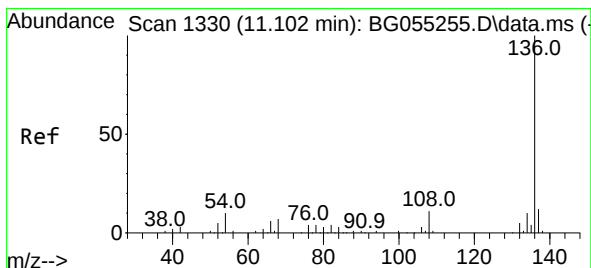
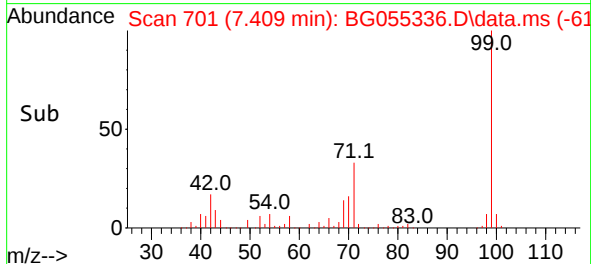
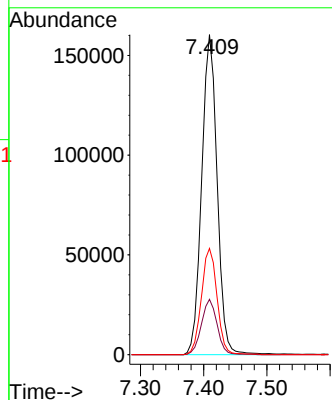
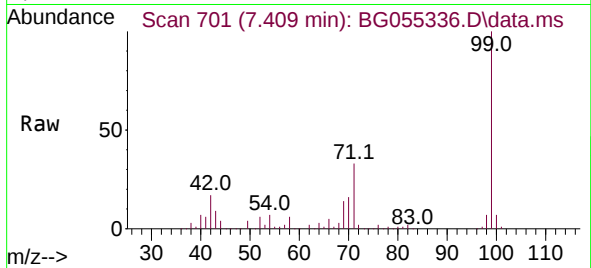




#7
Phenol-d6
Concen: 122.328 ng
RT: 7.409 min Scan# 702
Delta R.T. -0.003 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

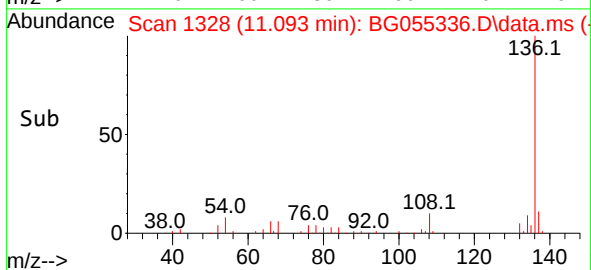
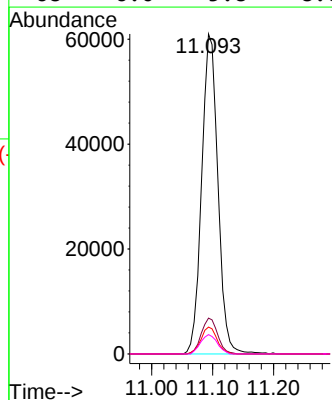
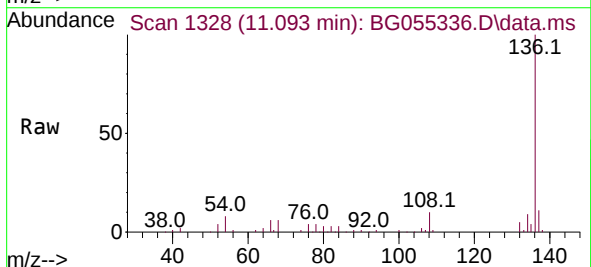
Instrument :
BNA_G
ClientSampleId :
PB148486BL

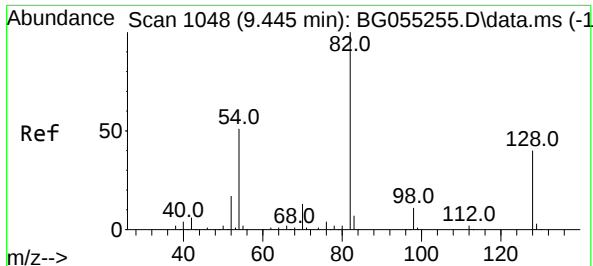
Tgt Ion: 99 Resp: 272612
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 33.2 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.093 min Scan# 1328
Delta R.T. -0.009 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

Tgt Ion: 136 Resp: 112829
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 8.4 7.8 11.8
68 6.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 76.005 ng

RT: 9.436 min Scan# 1046

Delta R.T. -0.009 min

Lab File: BG055336.D

Acq: 28 Oct 2022 11:03

Instrument :

BNA_G

ClientSampleId :

PB148486BL

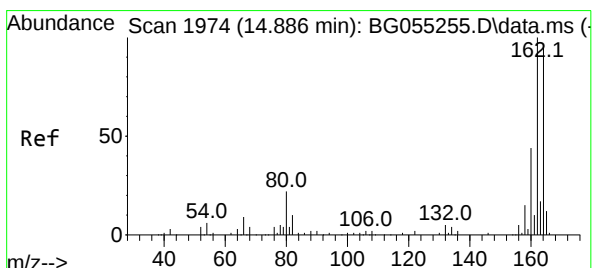
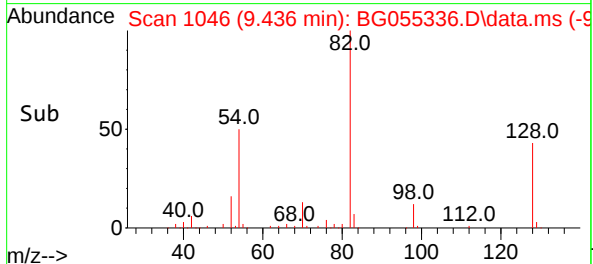
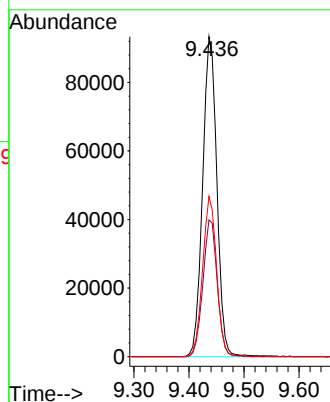
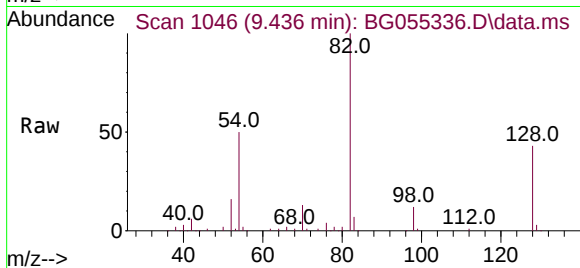
Tgt Ion: 82 Resp: 167939

Ion Ratio Lower Upper

82 100

128 42.7 32.0 48.0

54 50.1 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.877 min Scan# 1972

Delta R.T. -0.009 min

Lab File: BG055336.D

Acq: 28 Oct 2022 11:03

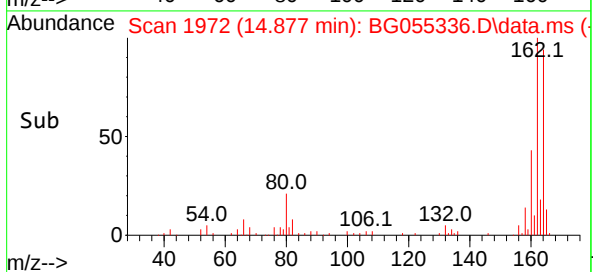
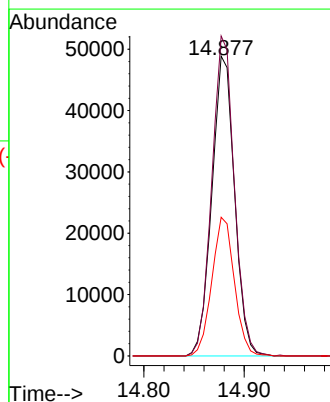
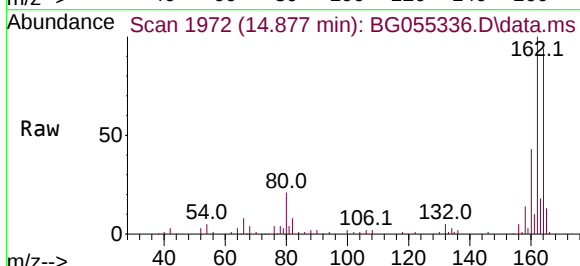
Tgt Ion:164 Resp: 76827

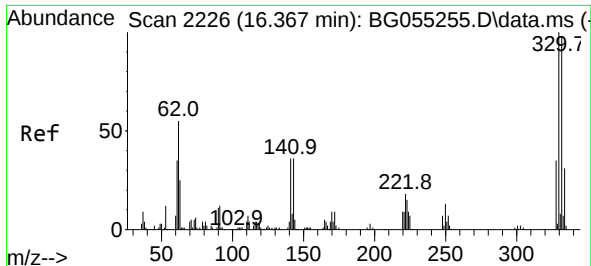
Ion Ratio Lower Upper

164 100

162 106.7 84.0 126.0

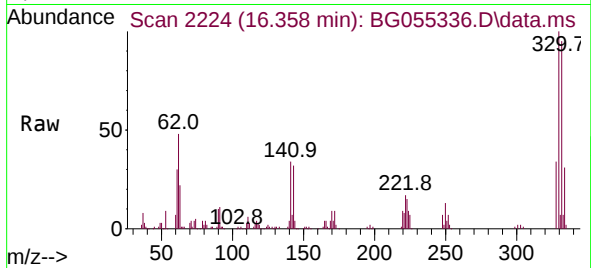
160 46.3 36.7 55.1



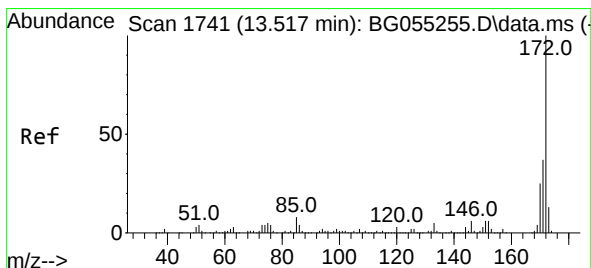
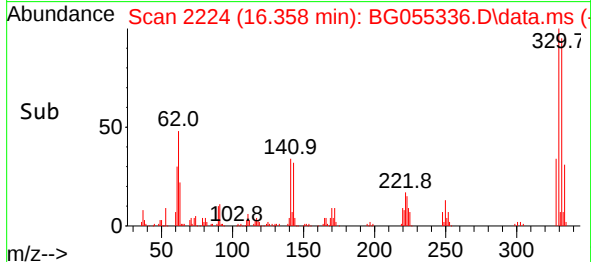
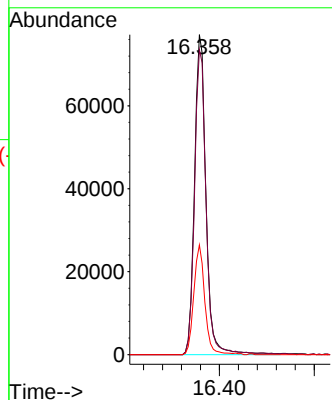


#42
2,4,6-Tribromophenol
Concen: 154.991 ng
RT: 16.358 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

Instrument :
BNA_G
ClientSampleId :
PB148486BL

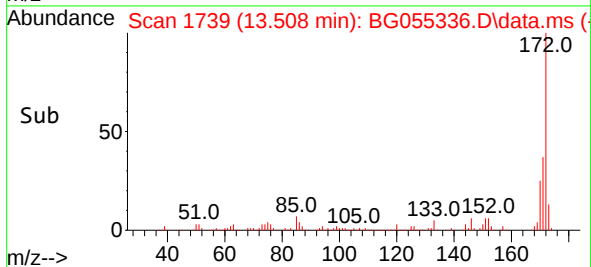
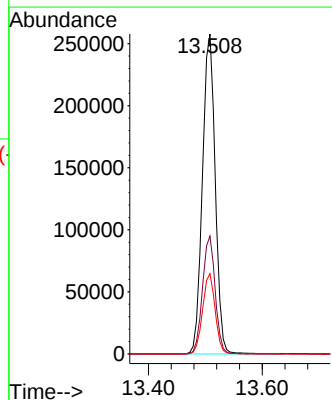
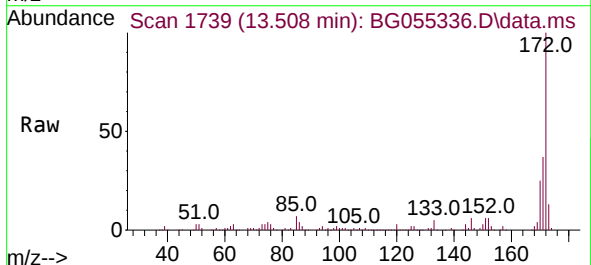


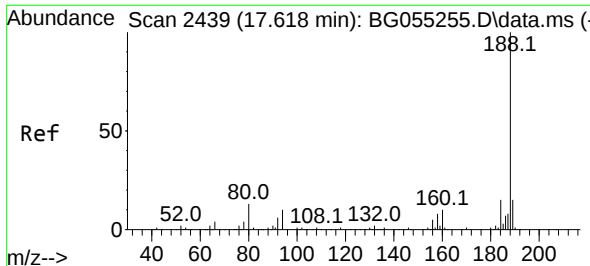
Tgt Ion:330 Resp: 129445
Ion Ratio Lower Upper
330 100
332 95.5 77.4 116.0
141 33.0 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 85.896 ng
RT: 13.508 min Scan# 1739
Delta R.T. -0.009 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

Tgt Ion:172 Resp: 403182
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 25.1 20.2 30.2

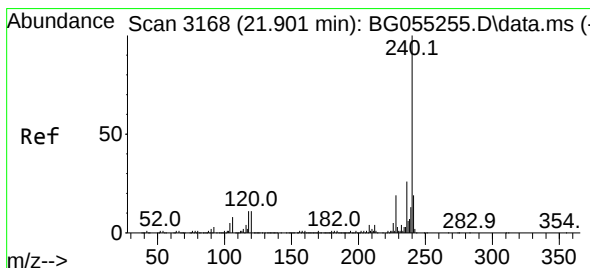
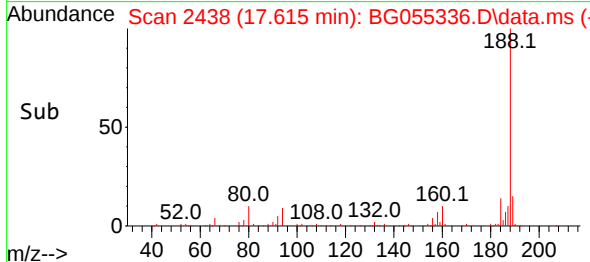
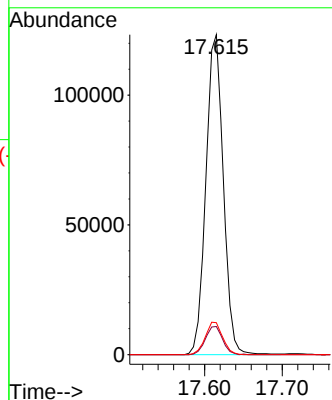
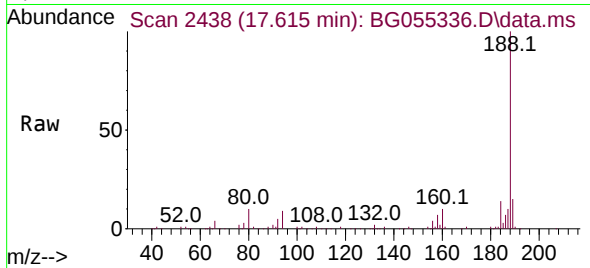




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.615 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

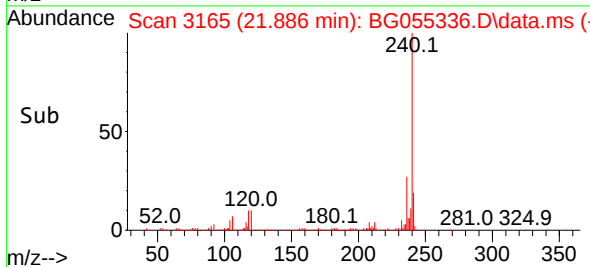
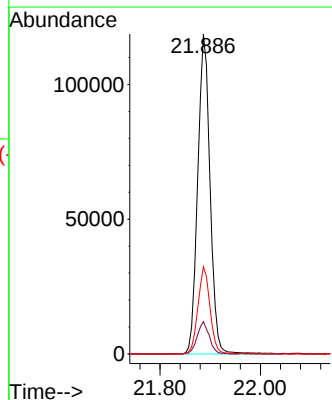
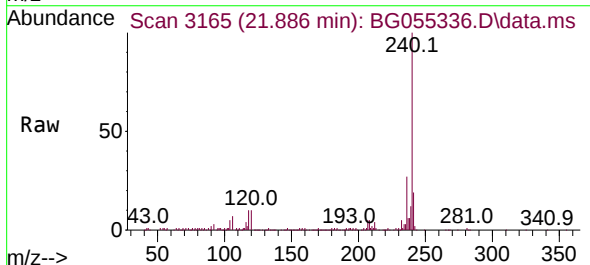
Instrument :
BNA_G
ClientSampleId :
PB148486BL

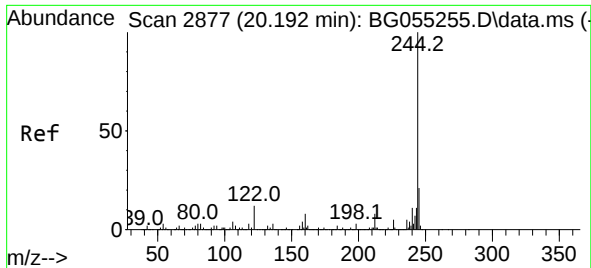
Tgt Ion:188 Resp: 192159
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 10.0 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.886 min Scan# 3165
Delta R.T. -0.015 min
Lab File: BG055336.D
Acq: 28 Oct 2022 11:03

Tgt Ion:240 Resp: 202011
Ion Ratio Lower Upper
240 100
120 10.1 8.9 13.3
236 27.3 21.0 31.4

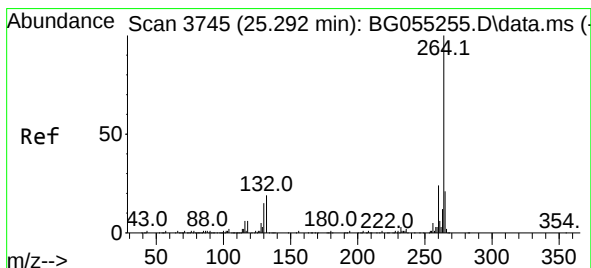
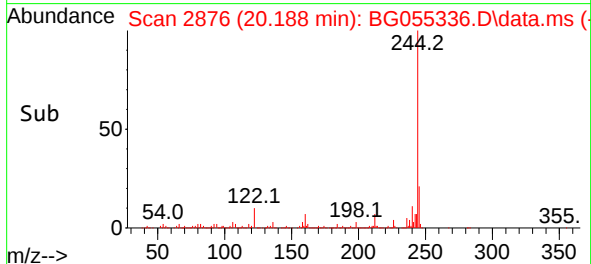
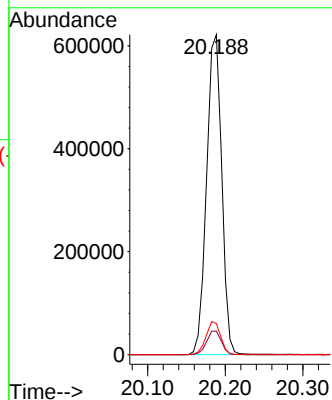
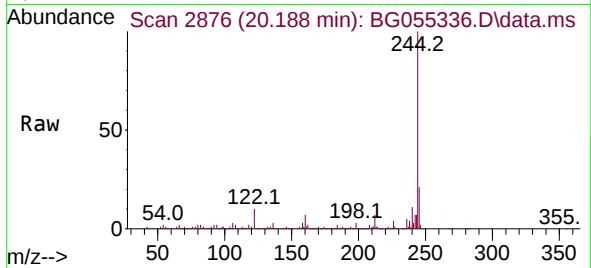




#79
 Terphenyl-d14
 Concen: 86.626 ng
 RT: 20.188 min Scan# 2877
 Delta R.T. -0.003 min
 Lab File: BG055336.D
 Acq: 28 Oct 2022 11:03

Instrument :
 BNA_G
 ClientSampleId :
 PB148486BL

Tgt Ion:244 Resp: 842256
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.282 min Scan# 3743
 Delta R.T. -0.009 min
 Lab File: BG055336.D
 Acq: 28 Oct 2022 11:03

Tgt Ion:264 Resp: 214291
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 22.1 17.4 26.2

