

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102522\
 Data File : BG055278.D
 Acq On : 25 Oct 2022 16:20
 Operator : CG/JU
 Sample : PB148450BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148450BL

Quant Time: Oct 26 14:44:44 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	8.270	152	32426	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	135180	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	86937	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	203469	20.000	ng	0.00
76) Chrysene-d12	21.889	240	255912	20.000	ng	-0.01
86) Perylene-d12	25.285	264	267731	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	269449	145.500	ng	0.00
7) Phenol-d6	7.412	99	354784	132.236	ng	0.00
23) Nitrobenzene-d5	9.445	82	213480	80.641	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	126279	133.617	ng	0.00
45) 2-Fluorobiphenyl	13.511	172	444698	83.723	ng	0.00
79) Terphenyl-d14	20.191	244	1004111	81.521	ng	0.00

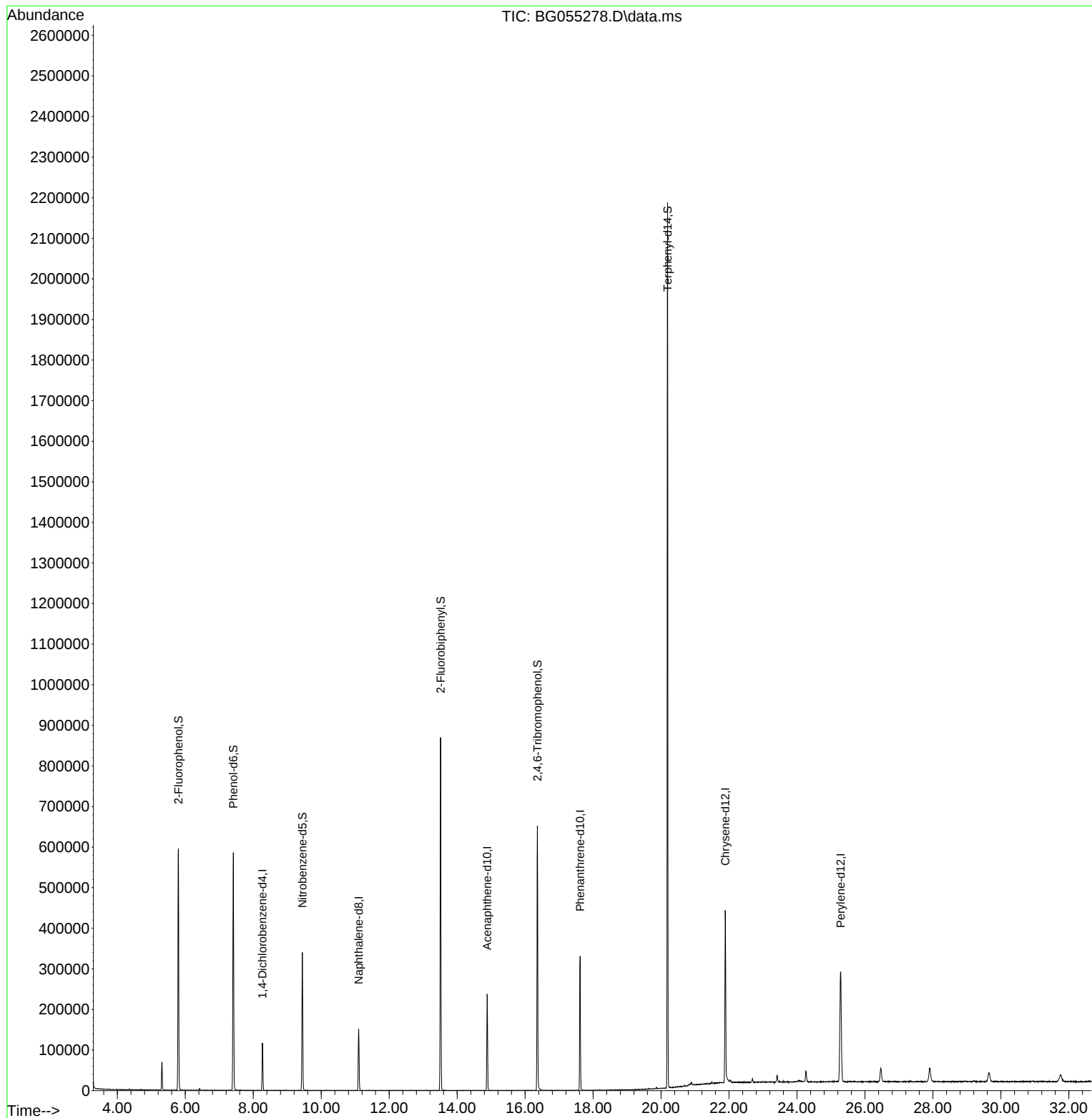
Target Compounds Qvalue

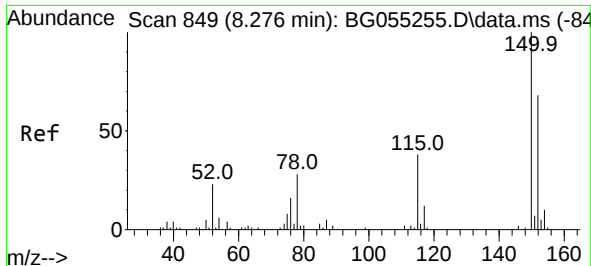
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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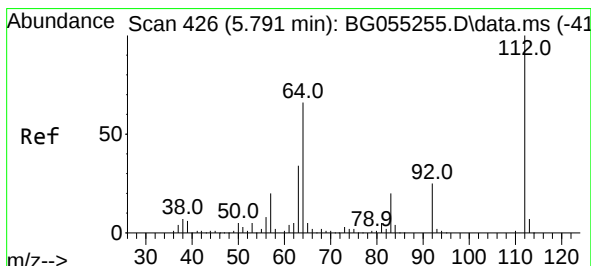
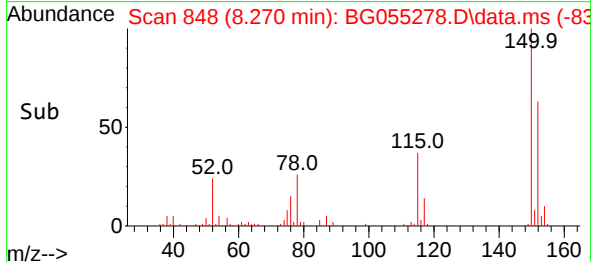
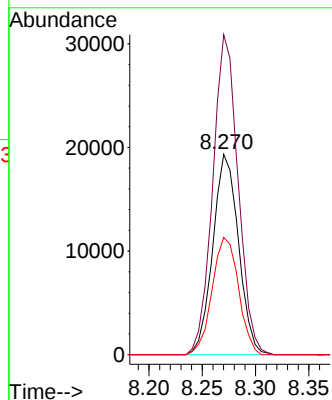
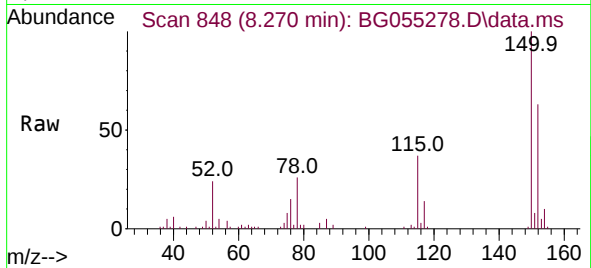




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

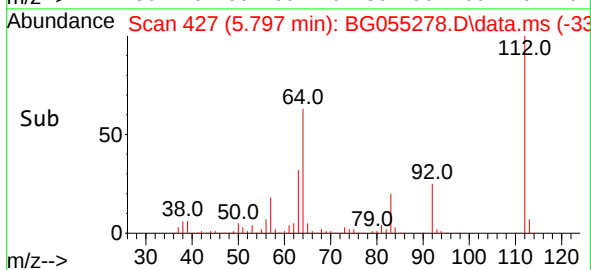
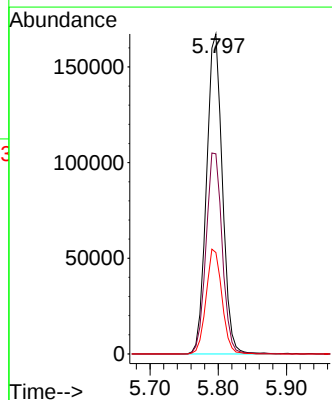
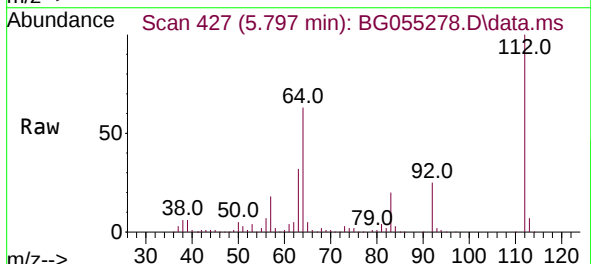
Instrument :
BNA_G
ClientSampleId :
PB148450BL

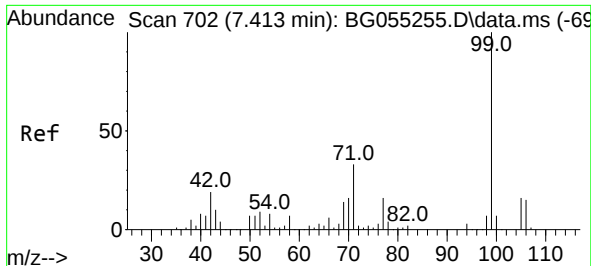
Tgt Ion:152 Resp: 32426
Ion Ratio Lower Upper
152 100
150 159.7 118.2 177.4
115 58.5 44.5 66.7



#5
2-Fluorophenol
Concen: 145.500 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:112 Resp: 269449
Ion Ratio Lower Upper
112 100
64 62.5 52.6 78.8
63 31.7 27.1 40.7

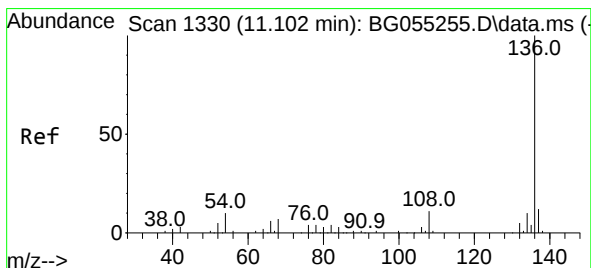
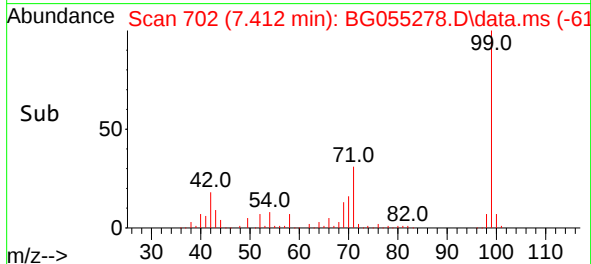
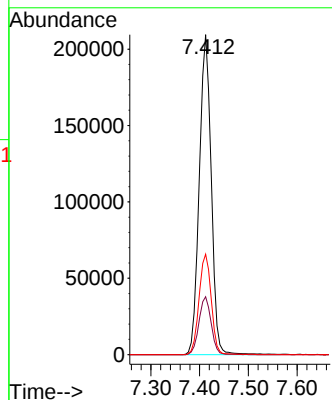
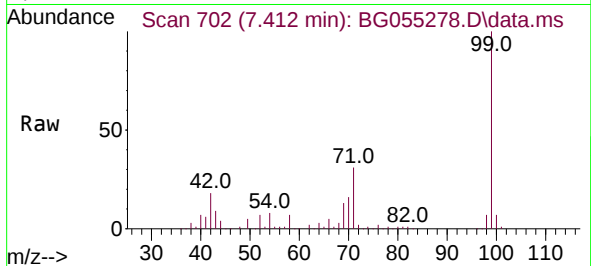




#7
Phenol-d6
Concen: 132.236 ng
RT: 7.412 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

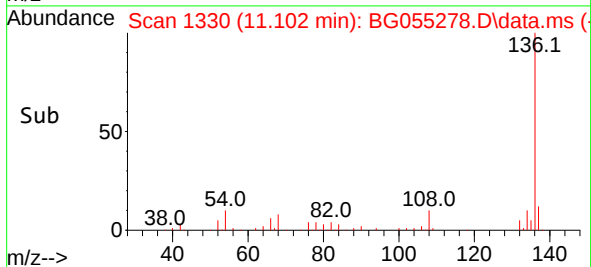
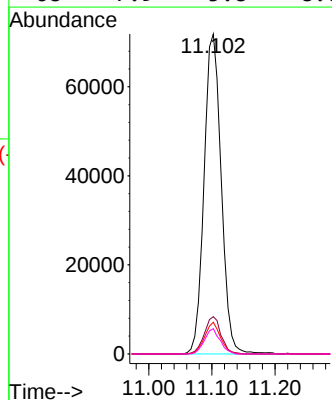
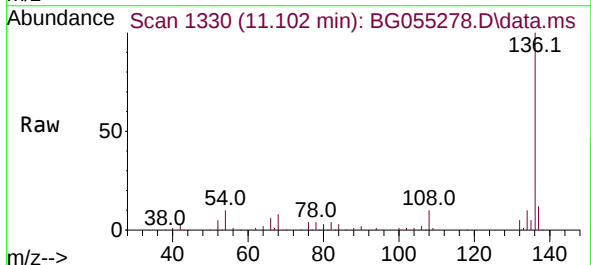
Instrument :
BNA_G
ClientSampleId :
PB148450BL

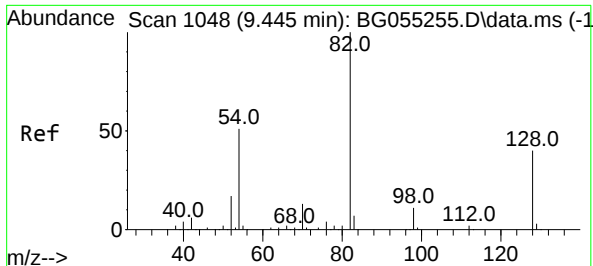
Tgt Ion: 99 Resp: 354784
Ion Ratio Lower Upper
99 100
42 18.1 15.2 22.8
71 31.4 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion: 136 Resp: 135180
Ion Ratio Lower Upper
136 100
137 11.6 9.2 13.8
54 9.9 7.8 11.8
68 7.9 5.8 8.6





#23

Nitrobenzene-d5

Concen: 80.641 ng

RT: 9.445 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG055278.D

Acq: 25 Oct 2022 16:20

Instrument :

BNA_G

ClientSampleId :

PB148450BL

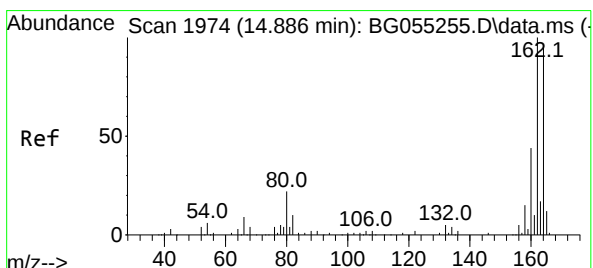
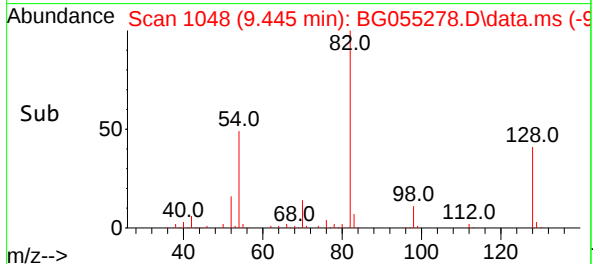
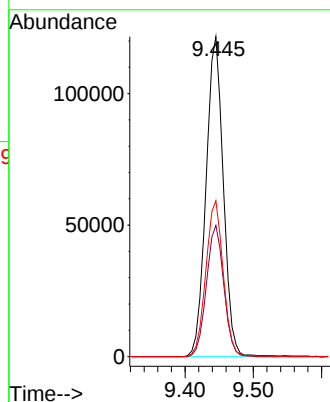
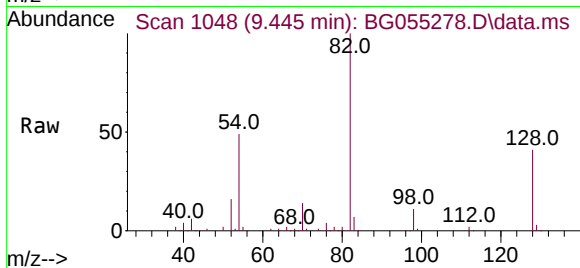
Tgt Ion: 82 Resp: 213480

Ion Ratio Lower Upper

82 100

128 41.0 32.0 48.0

54 48.7 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.880 min Scan# 1973

Delta R.T. -0.006 min

Lab File: BG055278.D

Acq: 25 Oct 2022 16:20

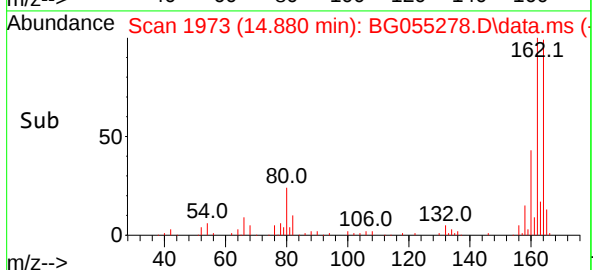
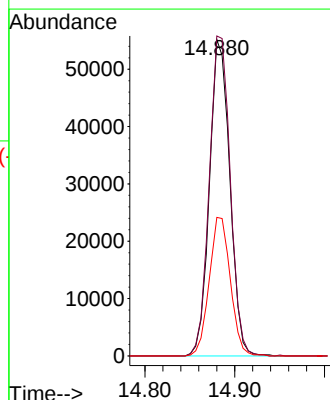
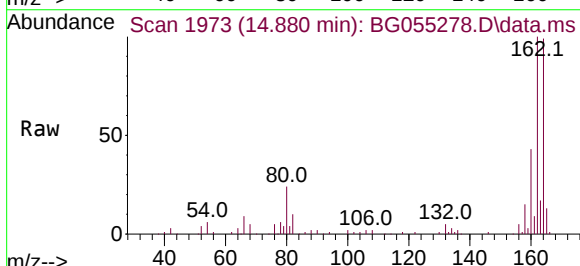
Tgt Ion:164 Resp: 86937

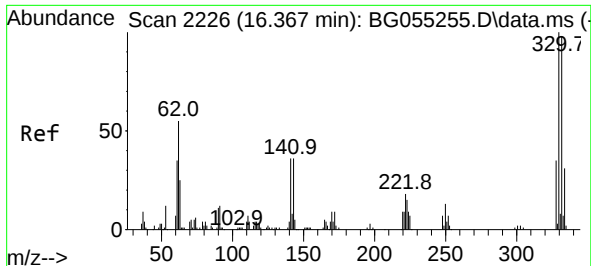
Ion Ratio Lower Upper

164 100

162 101.2 84.0 126.0

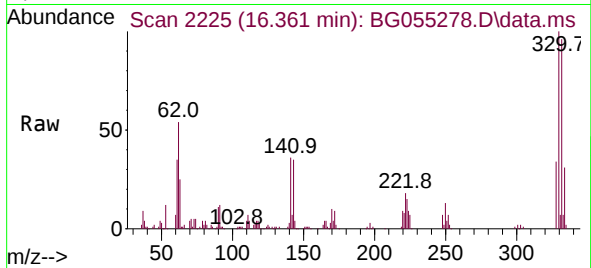
160 43.8 36.7 55.1



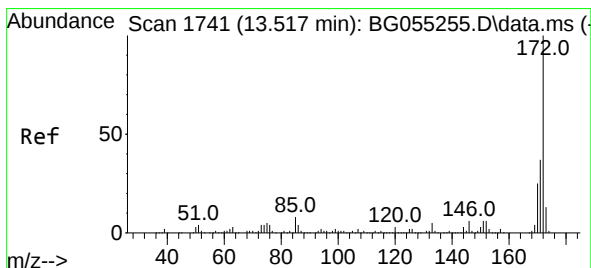
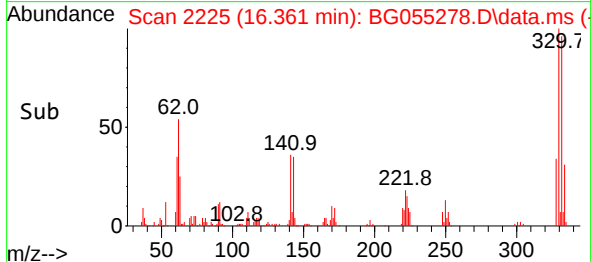
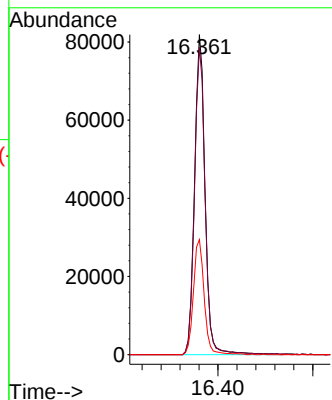


#42
2,4,6-Tribromophenol
Concen: 133.617 ng
RT: 16.361 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Instrument :
BNA_G
ClientSampleId :
PB148450BL

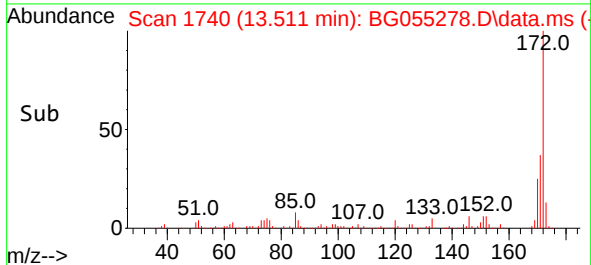
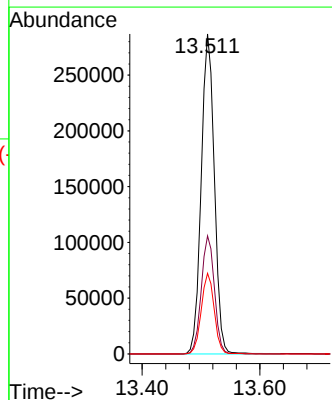
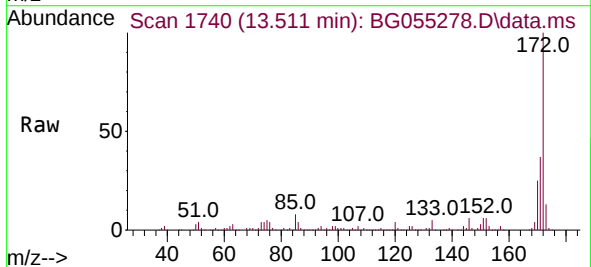


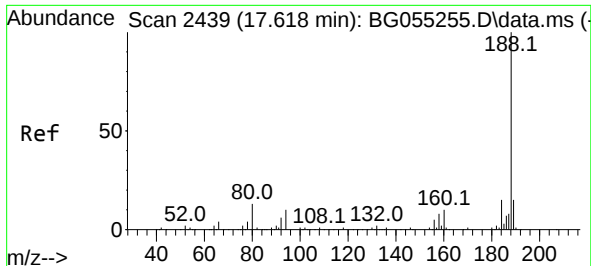
Tgt Ion:330 Resp: 126279
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 36.7 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 83.723 ng
RT: 13.511 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:172 Resp: 444698
Ion Ratio Lower Upper
172 100
171 36.9 29.7 44.5
170 25.2 20.2 30.2

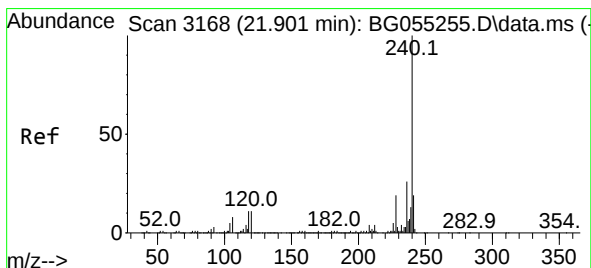
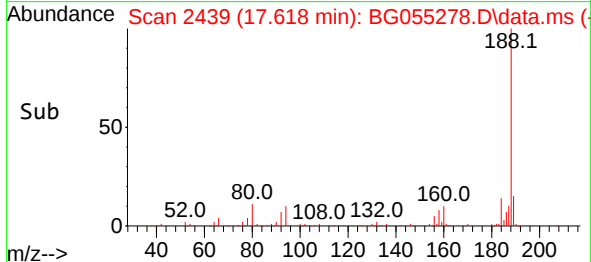
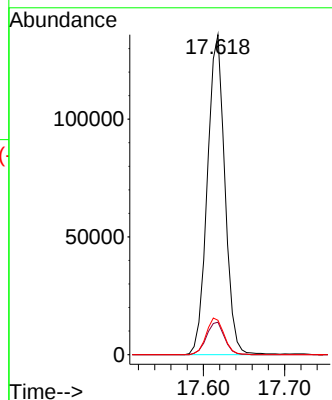
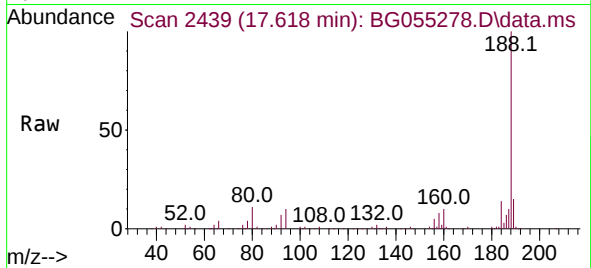




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2439
Delta R.T. -0.000 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

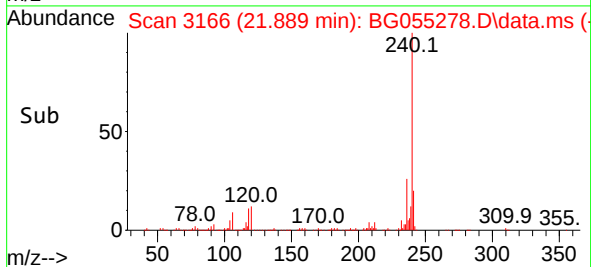
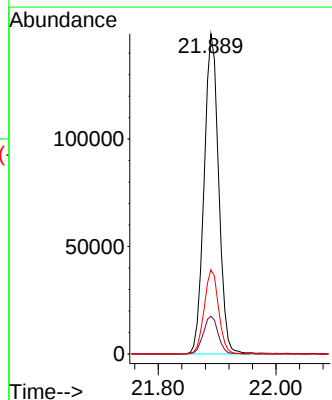
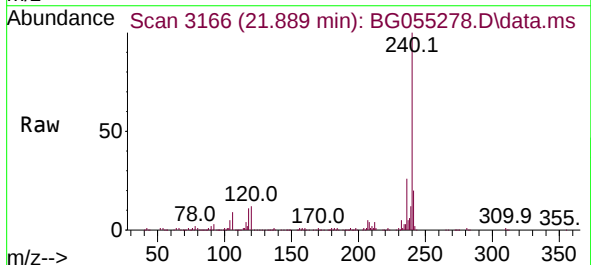
Instrument :
BNA_G
ClientSampleId :
PB148450BL

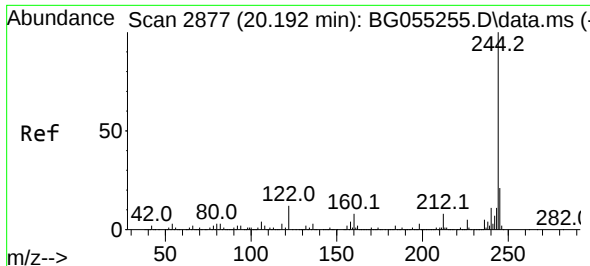
Tgt Ion:188 Resp: 203469
Ion Ratio Lower Upper
188 100
94 10.1 8.2 12.4
80 10.7 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.889 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055278.D
Acq: 25 Oct 2022 16:20

Tgt Ion:240 Resp: 255912
Ion Ratio Lower Upper
240 100
120 11.8 8.9 13.3
236 26.3 21.0 31.4

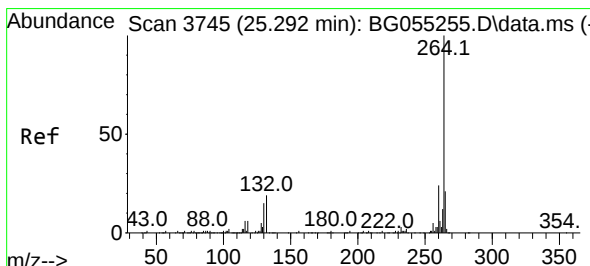
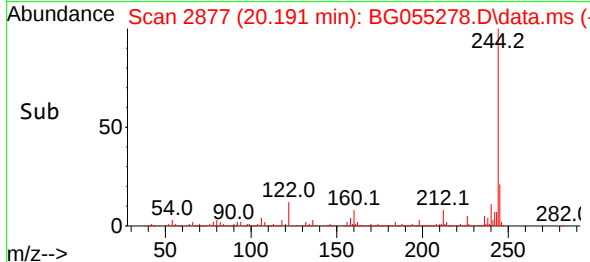
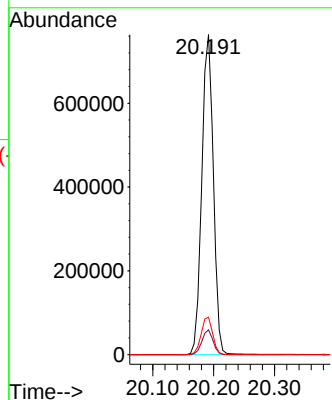
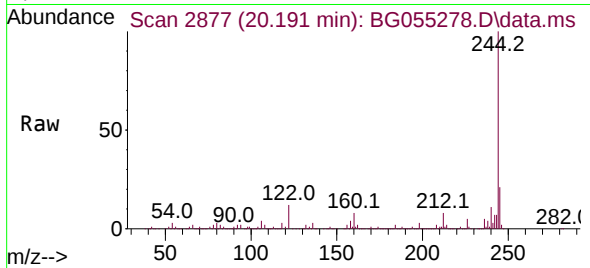




#79
 Terphenyl-d14
 Concen: 81.521 ng
 RT: 20.191 min Scan# 2877
 Delta R.T. -0.000 min
 Lab File: BG055278.D
 Acq: 25 Oct 2022 16:20

Instrument :
 BNA_G
 ClientSampleId :
 PB148450BL

Tgt Ion:244 Resp: 1004111
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.0 9.0
 122 11.7 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.285 min Scan# 3744
 Delta R.T. -0.006 min
 Lab File: BG055278.D
 Acq: 25 Oct 2022 16:20

Tgt Ion:264 Resp: 267731
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.5 29.3
 265 21.5 17.4 26.2

