

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055345.D
 Acq On : 28 Oct 2022 17:18
 Operator : CG/JU
 Sample : N5284-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-3-WC

Quant Time: Oct 29 04:54:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.265	152	32002	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	132216	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	89044	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	205947	20.000	ng	0.00
76) Chrysene-d12	21.884	240	210577	20.000	ng	0.00
86) Perylene-d12	25.274	264	220199	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.791	112	268168	146.727	ng	0.00
7) Phenol-d6	7.413	99	328562	124.085	ng	0.00
23) Nitrobenzene-d5	9.440	82	234990	90.756	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	173010	178.732	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	531171	97.637	ng	0.00
79) Terphenyl-d14	20.186	244	894004	88.208	ng	0.00

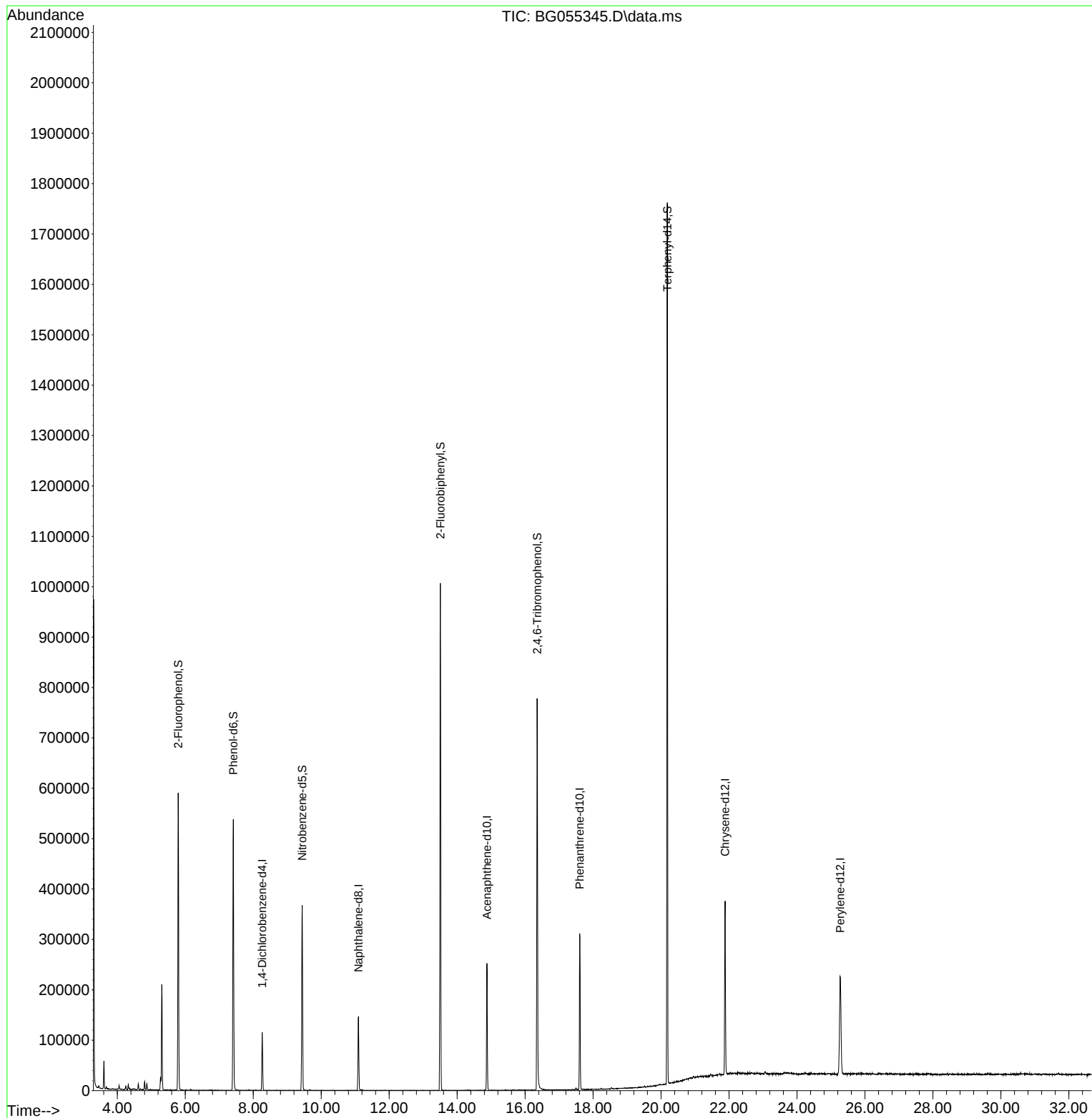
Target Compounds Qvalue

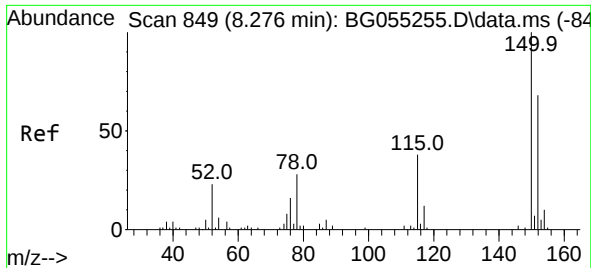
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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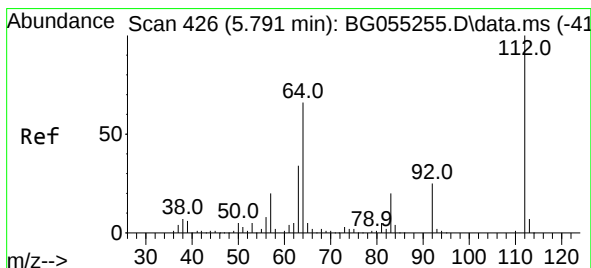
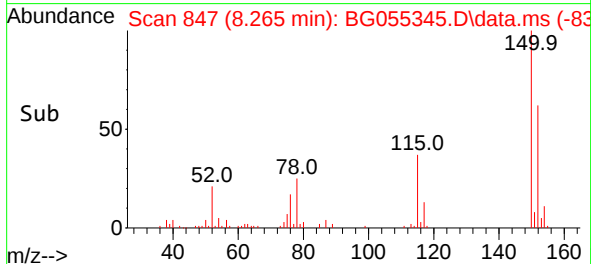
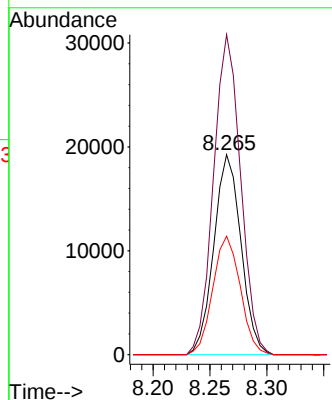
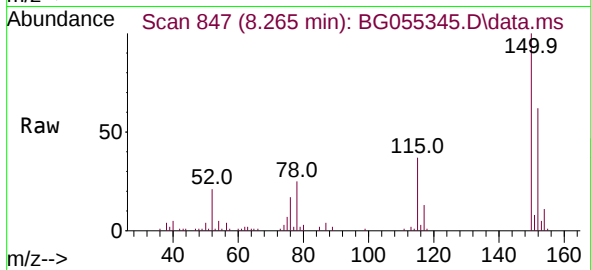




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

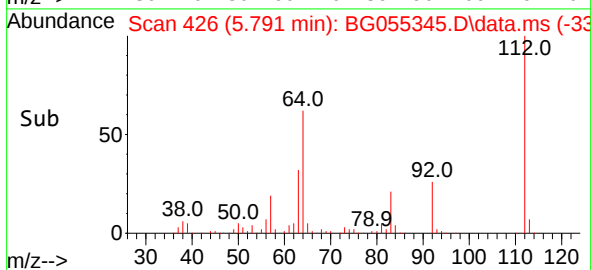
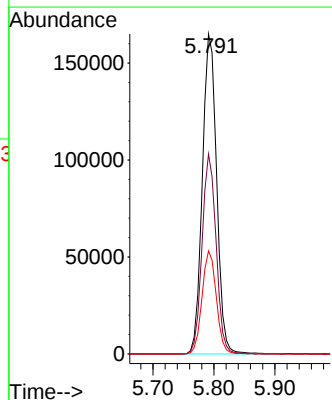
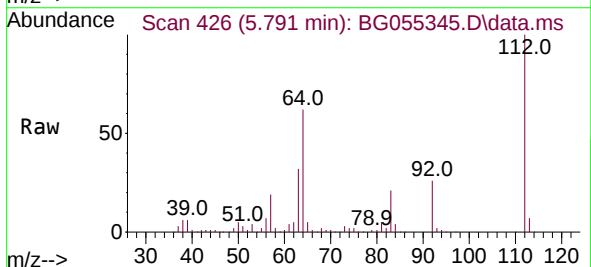
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

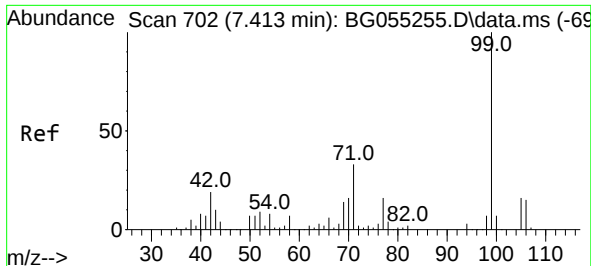
Tgt Ion:152 Resp: 32002
Ion Ratio Lower Upper
152 100
150 160.0 118.2 177.4
115 59.2 44.5 66.7



#5
2-Fluorophenol
Concen: 146.727 ng
RT: 5.791 min Scan# 426
Delta R.T. 0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:112 Resp: 268168
Ion Ratio Lower Upper
112 100
64 62.5 52.6 78.8
63 32.2 27.1 40.7

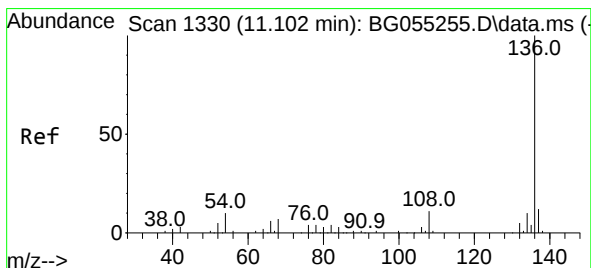
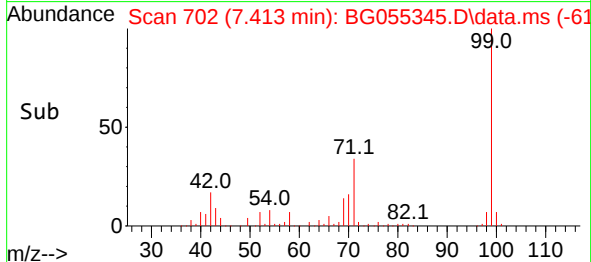
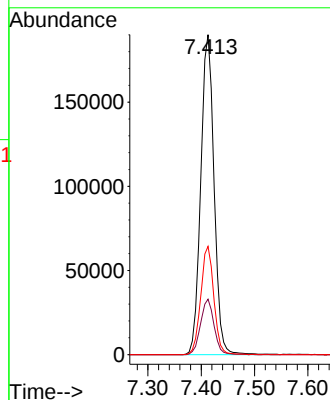
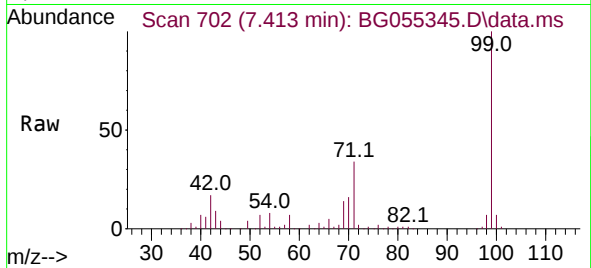




#7
Phenol-d6
Concen: 124.085 ng
RT: 7.413 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

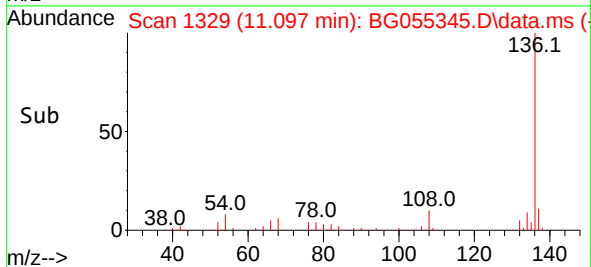
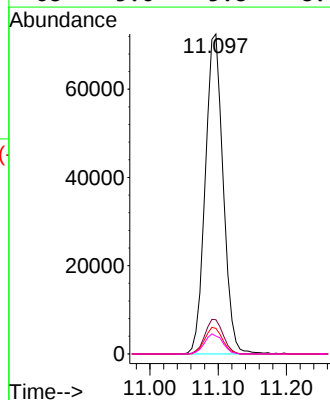
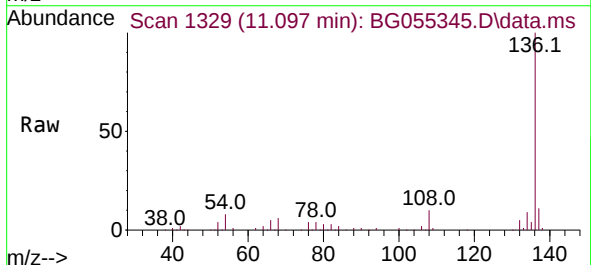
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

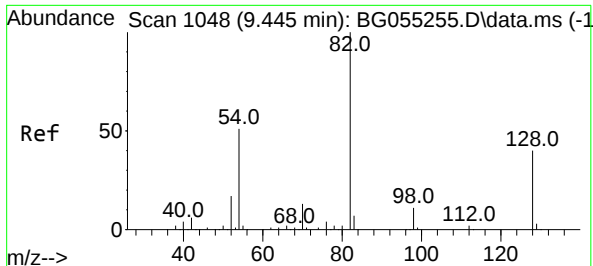
Tgt Ion: 99 Resp: 328562
Ion Ratio Lower Upper
99 100
42 17.3 15.2 22.8
71 33.8 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:136 Resp: 132216
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 8.0 7.8 11.8
68 5.6 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 90.756 ng

RT: 9.440 min Scan# 1048

Delta R.T. -0.000 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

Instrument :

BNA_G

ClientSampleId :

MH-3-WC

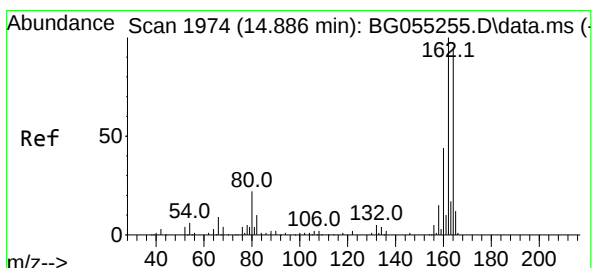
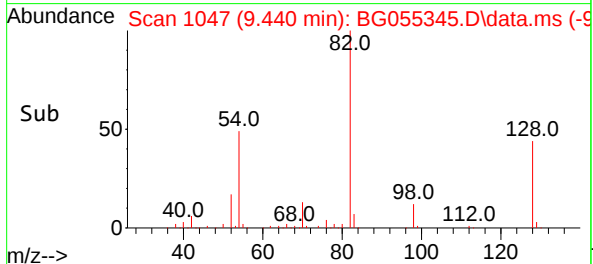
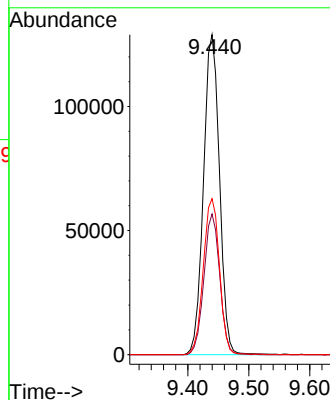
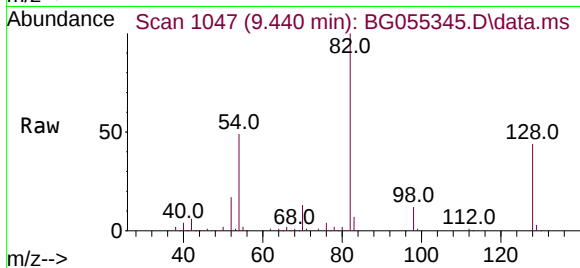
Tgt Ion: 82 Resp: 234990

Ion Ratio Lower Upper

82 100

128 43.9 32.0 48.0

54 48.7 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055345.D

Acq: 28 Oct 2022 17:18

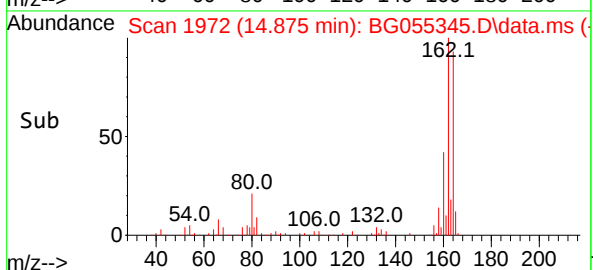
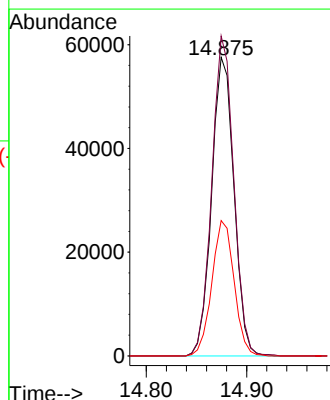
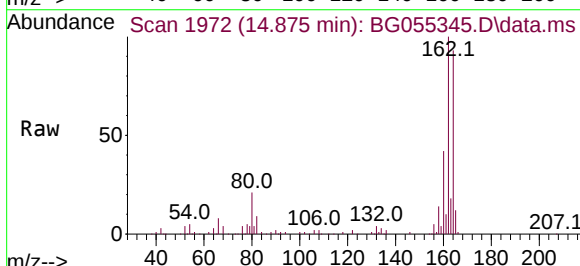
Tgt Ion:164 Resp: 89044

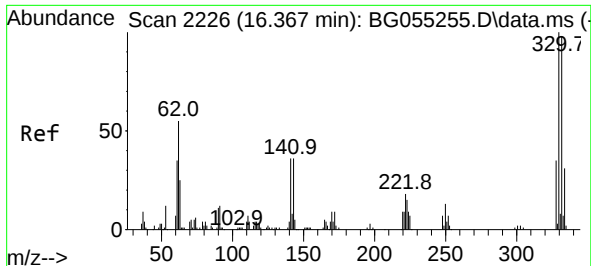
Ion Ratio Lower Upper

164 100

162 107.1 84.0 126.0

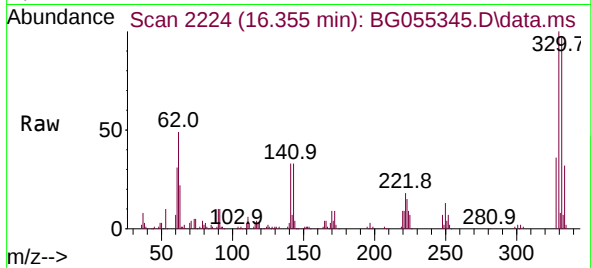
160 45.3 36.7 55.1



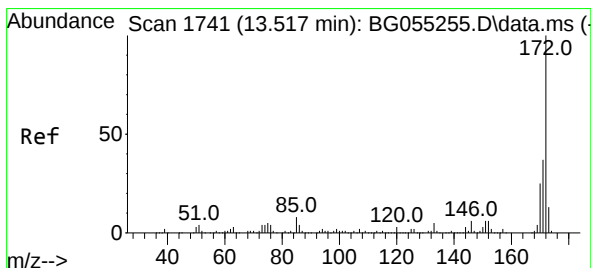
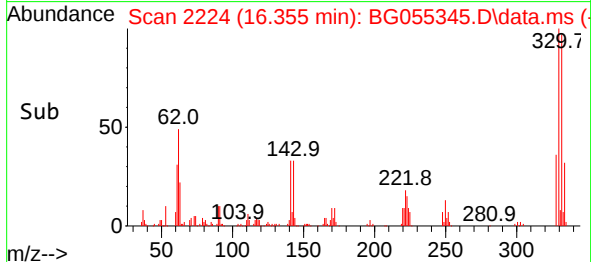
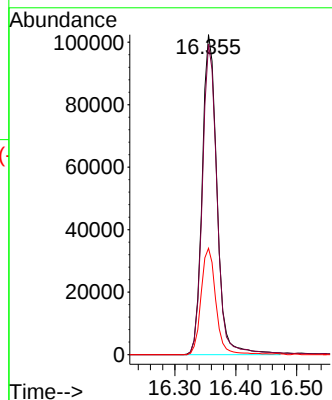


#42
2,4,6-Tribromophenol
Concen: 178.732 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Instrument :
BNA_G
ClientSampleId :
MH-3-WC

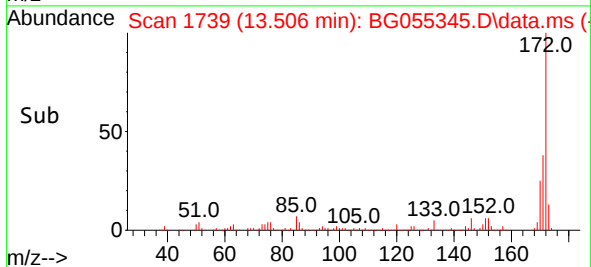
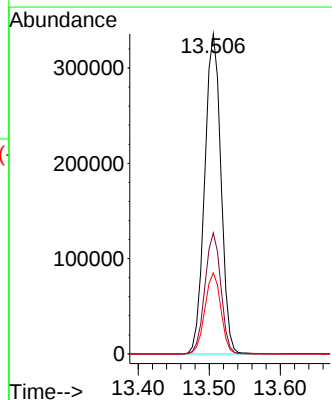
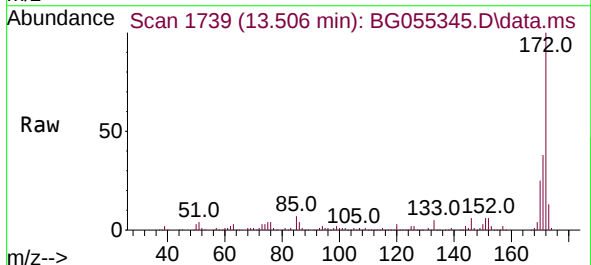


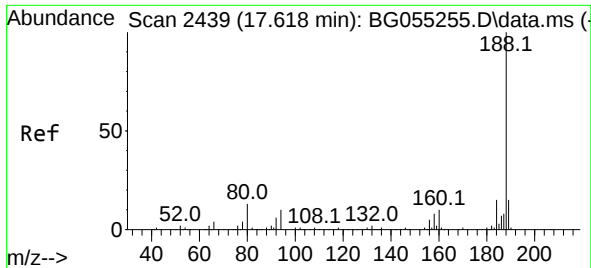
Tgt Ion:330 Resp: 173010
Ion Ratio Lower Upper
330 100
332 97.2 77.4 116.0
141 33.3 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 97.637 ng
RT: 13.506 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:172 Resp: 531171
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 25.3 20.2 30.2

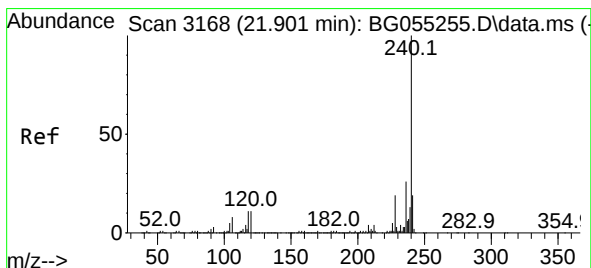
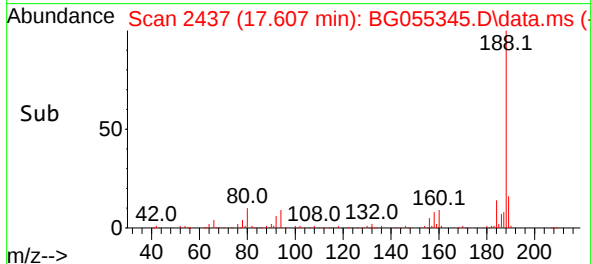
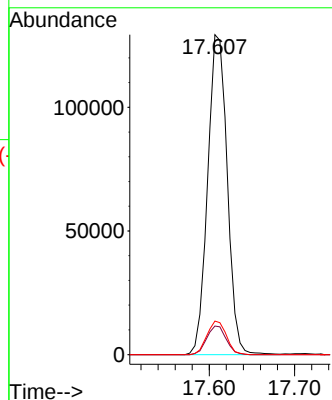
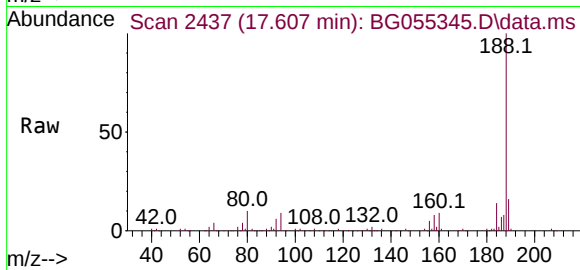




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

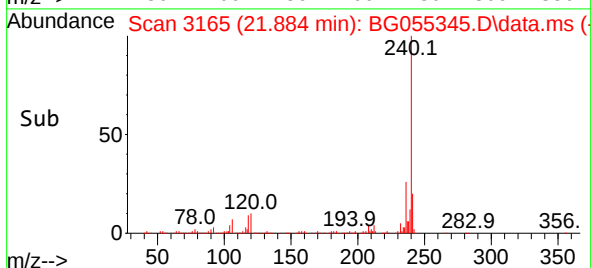
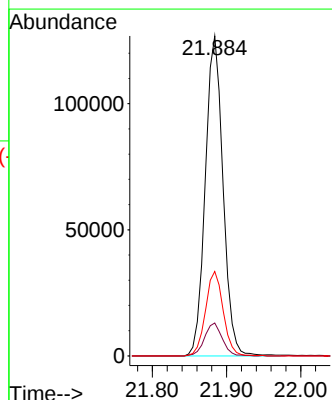
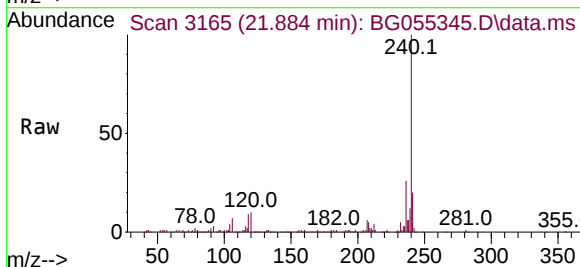
Instrument :
BNA_G
ClientSampleId :
MH-3-WC

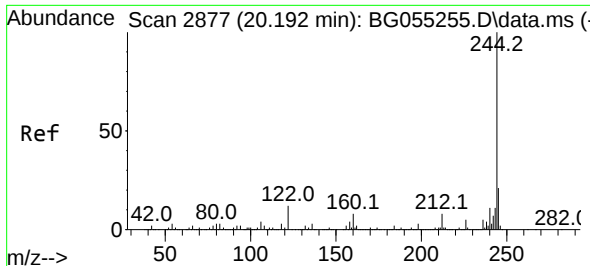
Tgt Ion:188 Resp: 205947
Ion Ratio Lower Upper
188 100
94 9.0 8.2 12.4
80 10.5 10.1 15.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055345.D
Acq: 28 Oct 2022 17:18

Tgt Ion:240 Resp: 210577
Ion Ratio Lower Upper
240 100
120 10.3 8.9 13.3
236 26.4 21.0 31.4

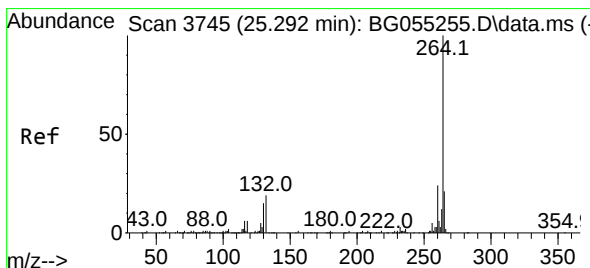
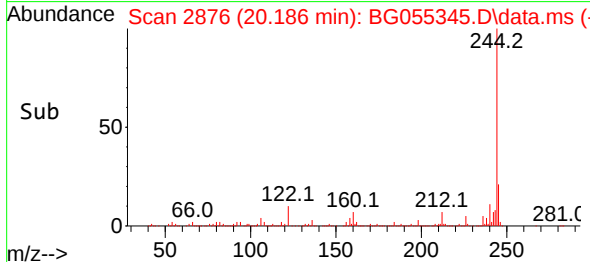
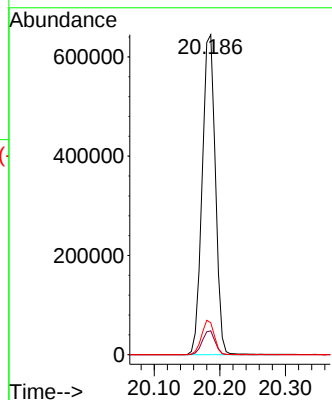
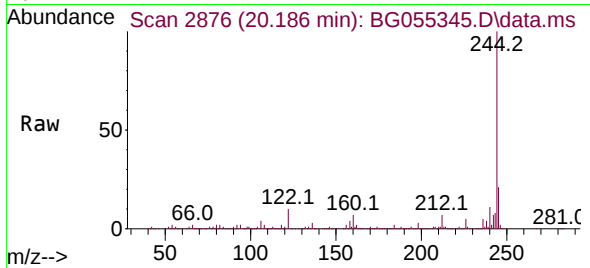




#79
 Terphenyl-d14
 Concen: 88.208 ng
 RT: 20.186 min Scan# 2876
 Delta R.T. -0.000 min
 Lab File: BG055345.D
 Acq: 28 Oct 2022 17:18

Instrument :
 BNA_G
 ClientSampleId :
 MH-3-WC

Tgt Ion:244 Resp: 894004
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.0 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055345.D
 Acq: 28 Oct 2022 17:18

Tgt Ion:264 Resp: 220199
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.5 17.4 26.2

