

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056985.D
 Acq On : 5 Apr 2023 10:41
 Operator : CG/JU
 Sample : PB151898BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151898BL

Quant Time: Apr 06 05:06:10 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 06 01:57:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.419	152	11691	20.000	ng	0.00
21) Naphthalene-d8	11.262	136	50103	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	41612	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	117375	20.000	ng	0.00
76) Chrysene-d12	22.089	240	96710	20.000	ng	0.00
86) Perylene-d12	25.643	264	101148	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.928	112	104242	142.703	ng	0.00
7) Phenol-d6	7.549	99	156365	143.122	ng	0.00
23) Nitrobenzene-d5	9.594	82	101405	82.814	ng	0.00
42) 2,4,6-Tribromophenol	16.514	330	95514	143.681	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	263449	85.850	ng	0.00
79) Terphenyl-d14	20.338	244	572969	100.254	ng	0.00

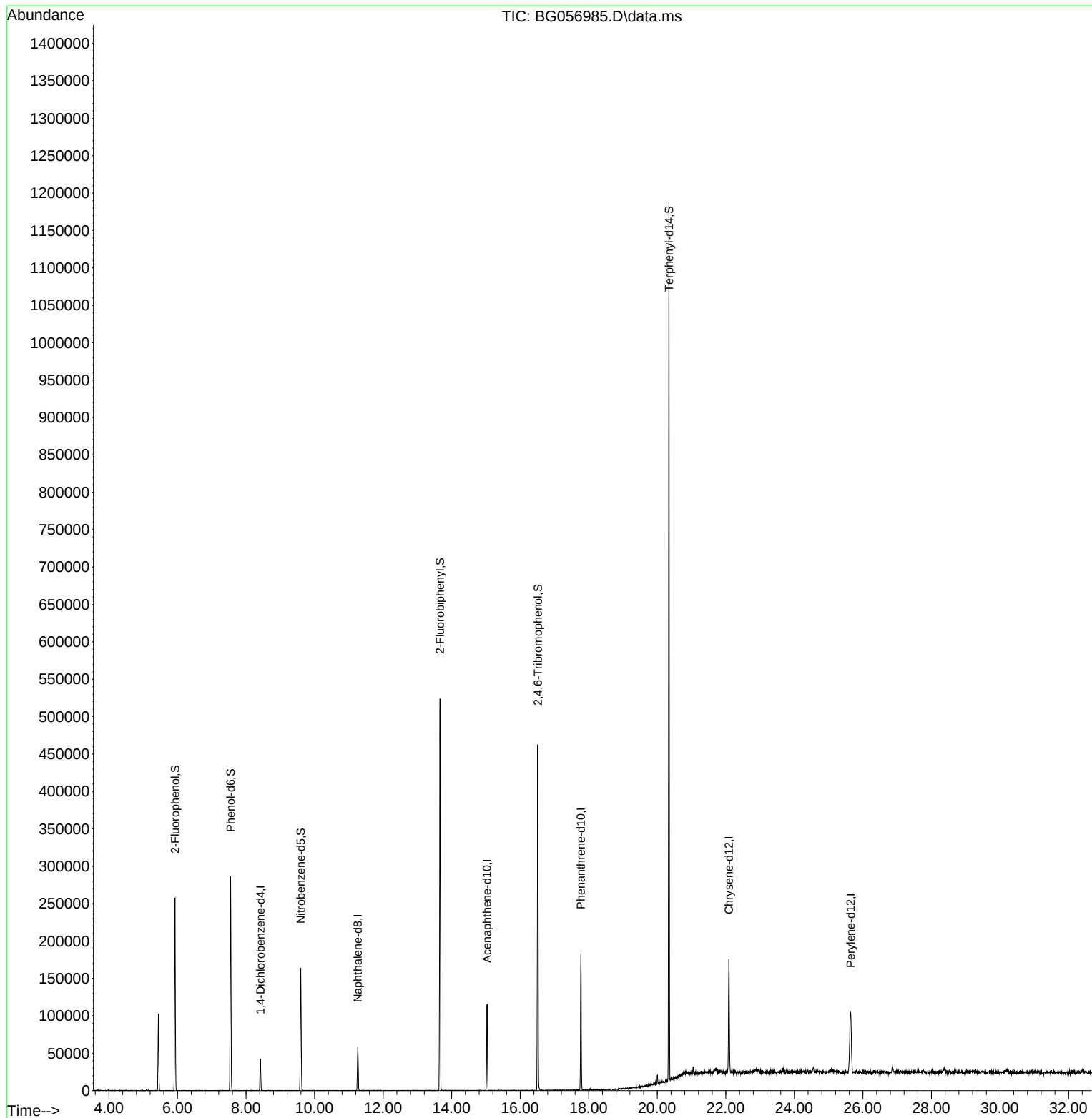
Target Compounds	Qvalue

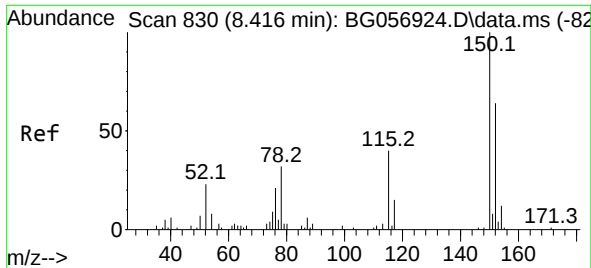
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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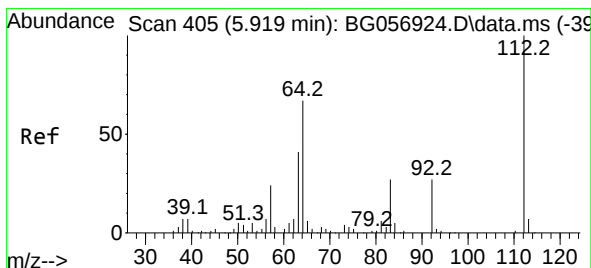
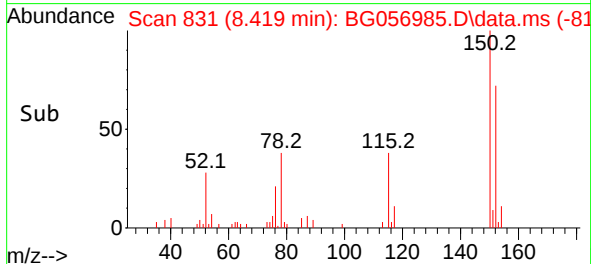
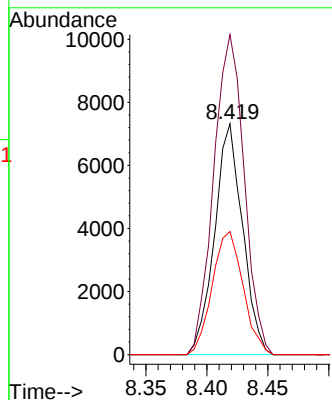
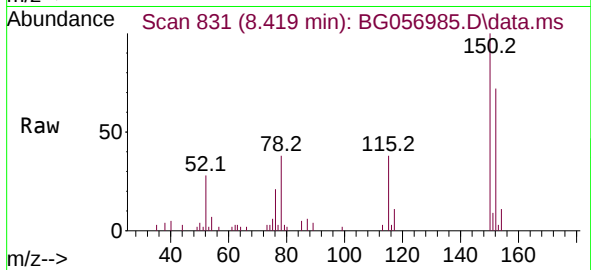




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.419 min Scan# 81
Delta R.T. -0.001 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

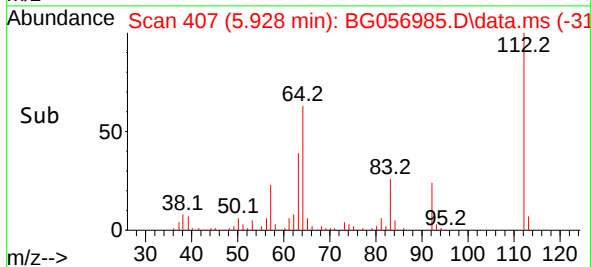
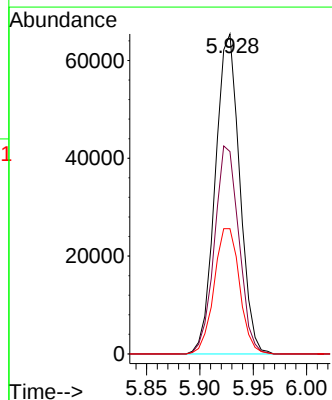
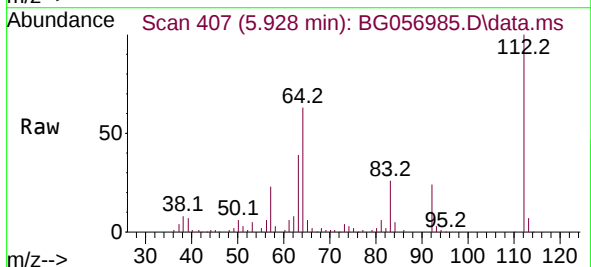
Instrument :
BNA_G
ClientSampleId :
PB151898BL

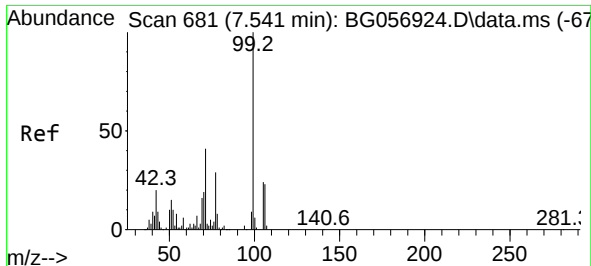
Tgt Ion:152 Resp: 11691
Ion Ratio Lower Upper
152 100
150 138.7 124.1 186.1
115 53.3 49.1 73.7



#5
2-Fluorophenol
Concen: 142.703 ng
RT: 5.928 min Scan# 407
Delta R.T. 0.005 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

Tgt Ion:112 Resp: 104242
Ion Ratio Lower Upper
112 100
64 63.2 53.2 79.8
63 39.1 32.6 48.8

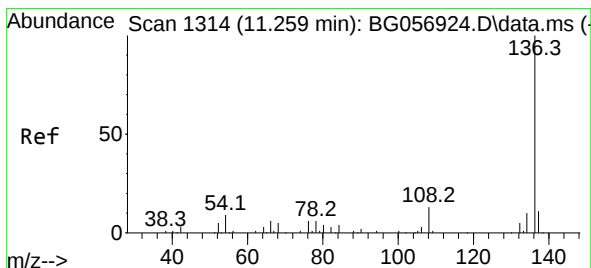
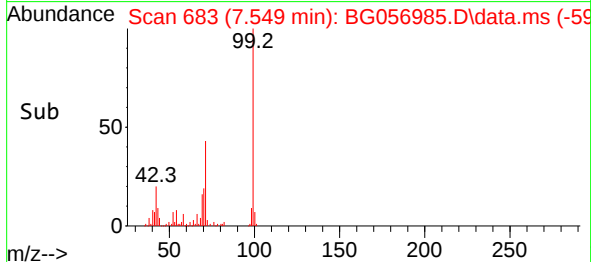
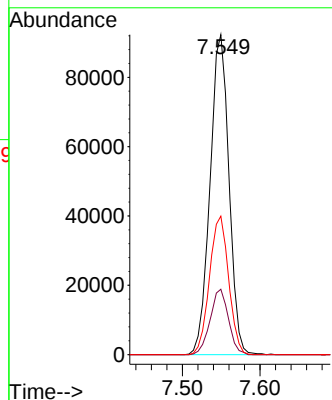
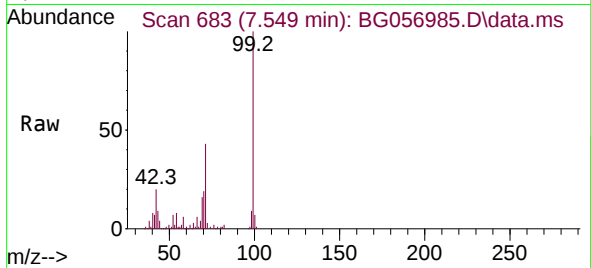




#7
Phenol-d6
Concen: 143.122 ng
RT: 7.549 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

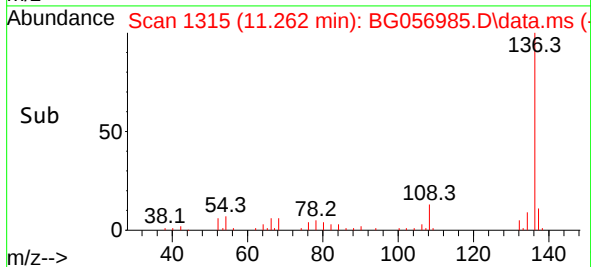
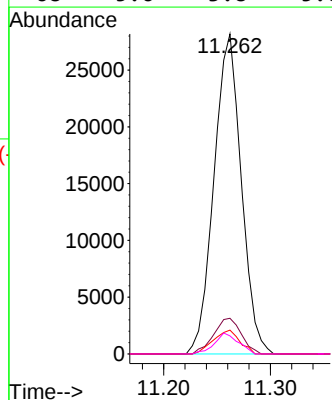
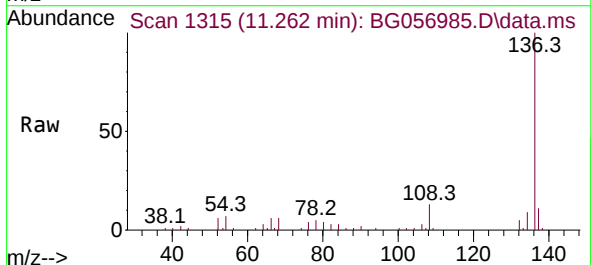
Instrument :
BNA_G
ClientSampleId :
PB151898BL

Tgt Ion: 99 Resp: 156365
Ion Ratio Lower Upper
99 100
42 20.4 15.7 23.5
71 43.3 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.262 min Scan# 1315
Delta R.T. -0.001 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

Tgt Ion: 136 Resp: 50103
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.4 6.9 10.3
68 5.6 3.8 5.6





#23

Nitrobenzene-d5

Concen: 82.814 ng

RT: 9.594 min Scan# 1031

Delta R.T. -0.001 min

Lab File: BG056985.D

Acq: 5 Apr 2023 10:41

Instrument :

BNA_G

ClientSampleId :

PB151898BL

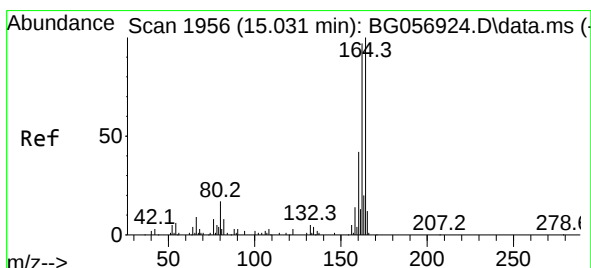
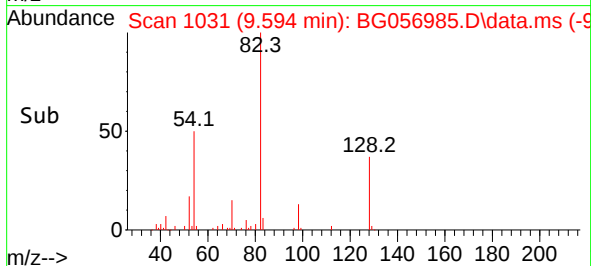
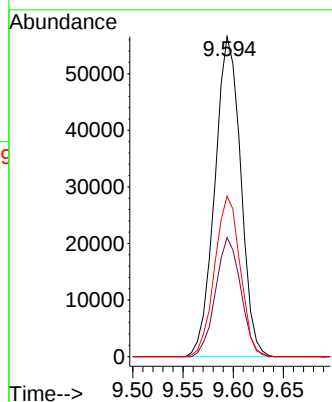
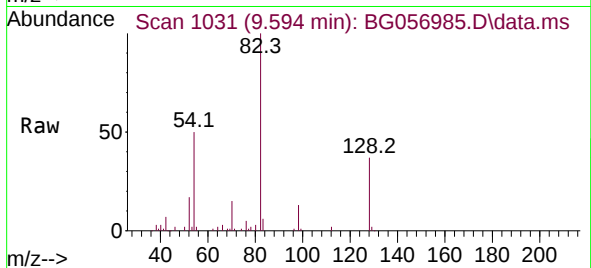
Tgt Ion: 82 Resp: 101405

Ion Ratio Lower Upper

82 100

128 37.2 27.9 41.9

54 50.1 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.007 min

Lab File: BG056985.D

Acq: 5 Apr 2023 10:41

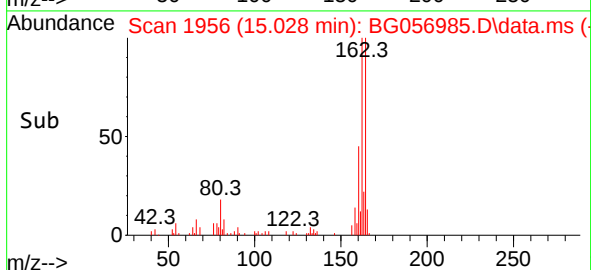
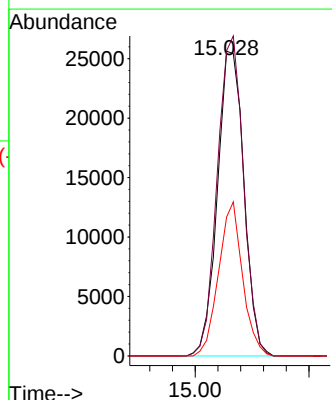
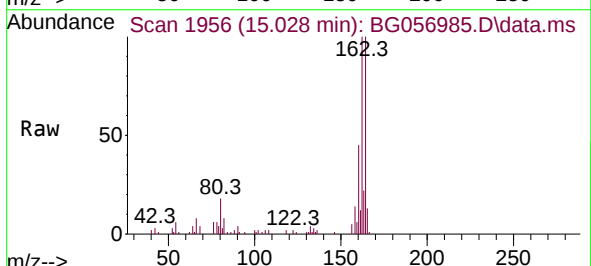
Tgt Ion:164 Resp: 41612

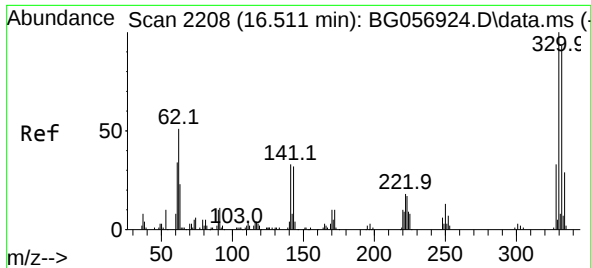
Ion Ratio Lower Upper

164 100

162 100.1 77.8 116.8

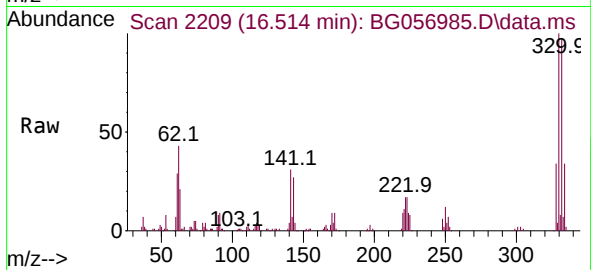
160 45.5 33.5 50.3



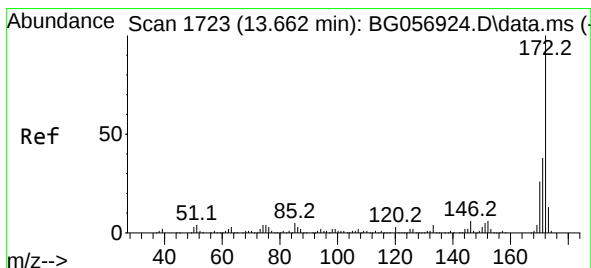
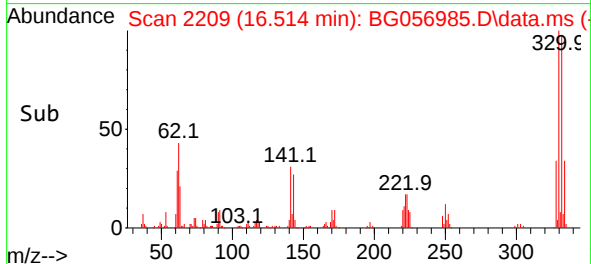
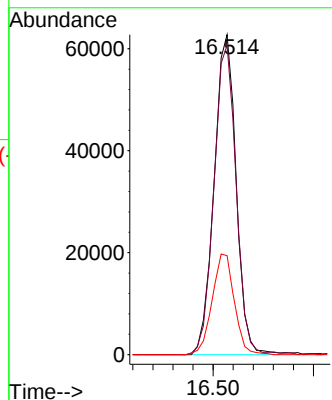


#42
2,4,6-Tribromophenol
Concen: 143.681 ng
RT: 16.514 min Scan# 2208
Delta R.T. 0.005 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

Instrument :
BNA_G
ClientSampleId :
PB151898BL

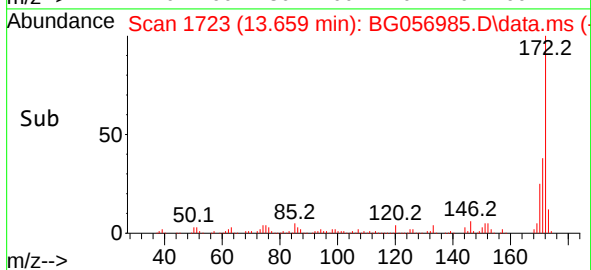
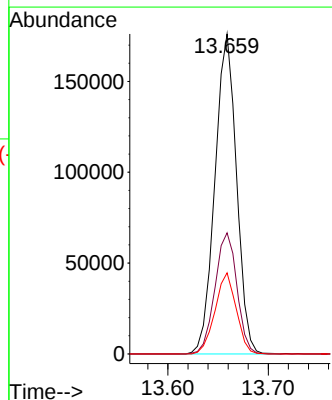
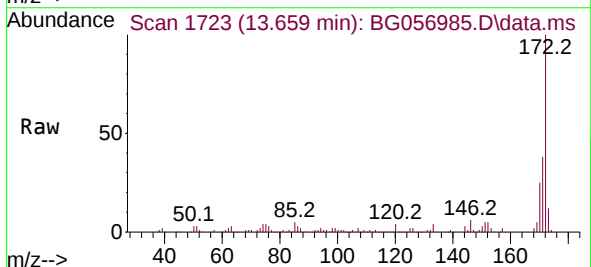


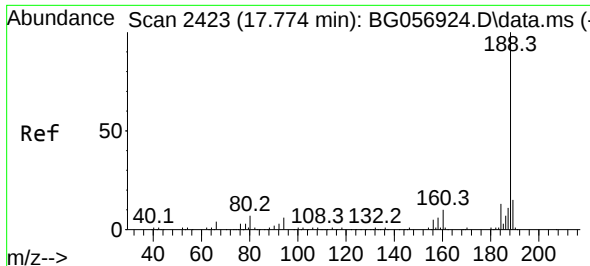
Tgt Ion:330 Resp: 95514
Ion Ratio Lower Upper
330 100
332 97.5 76.1 114.1
141 31.7 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 85.850 ng
RT: 13.659 min Scan# 1723
Delta R.T. 0.005 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

Tgt Ion:172 Resp: 263449
Ion Ratio Lower Upper
172 100
171 37.8 30.6 46.0
170 25.3 20.6 30.8

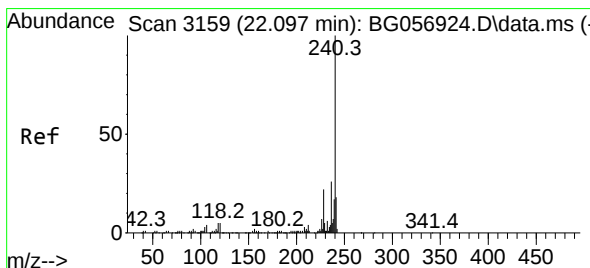
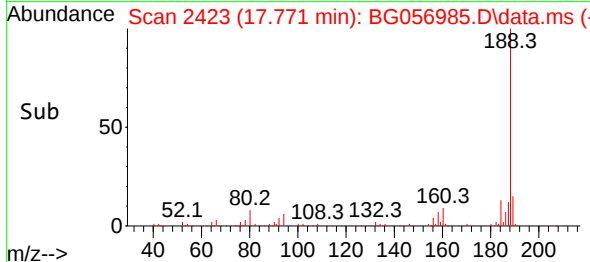
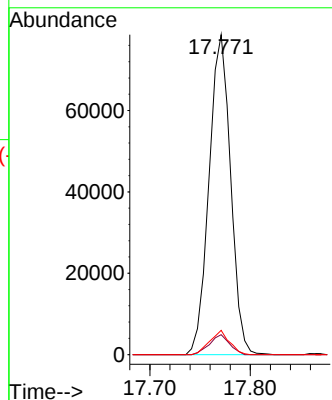
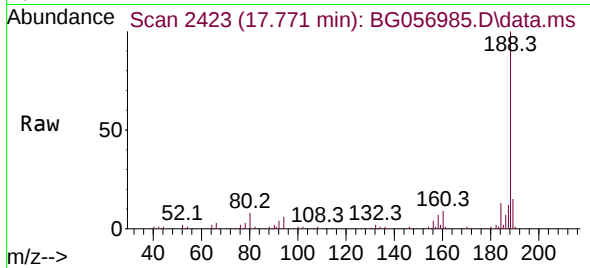




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 2423
Delta R.T. 0.005 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

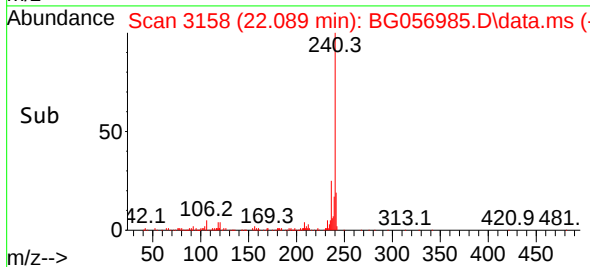
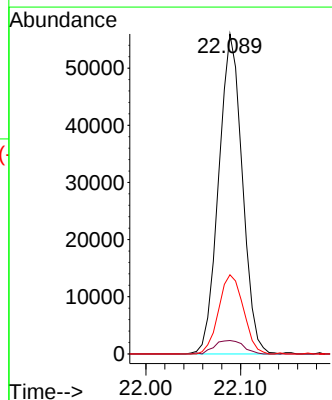
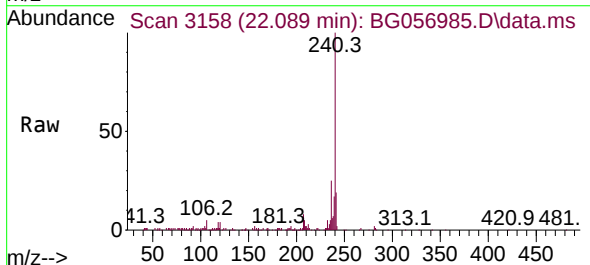
Instrument :
BNA_G
ClientSampleId :
PB151898BL

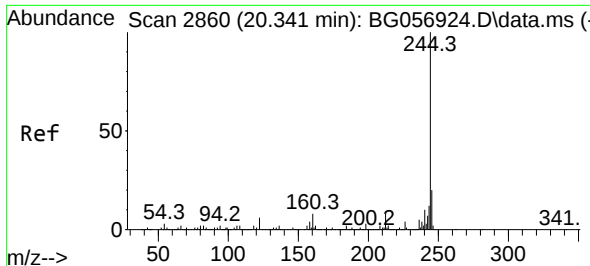
Tgt Ion:188 Resp: 117375
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 7.6 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BG056985.D
Acq: 5 Apr 2023 10:41

Tgt Ion:240 Resp: 96710
Ion Ratio Lower Upper
240 100
120 4.2 3.8 5.6
236 24.7 21.0 31.6

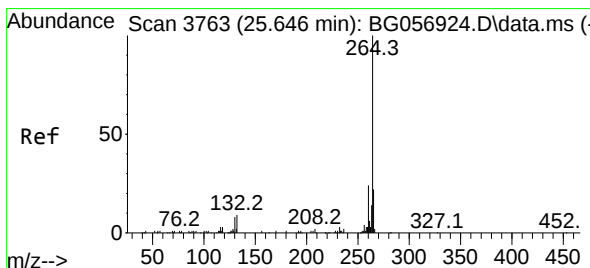
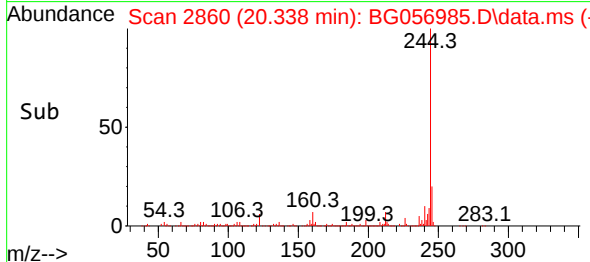
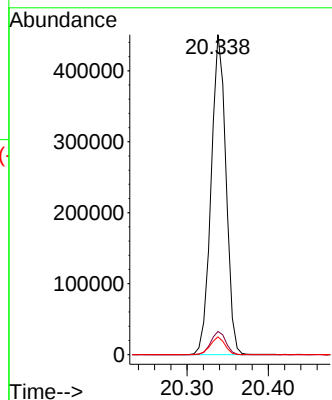
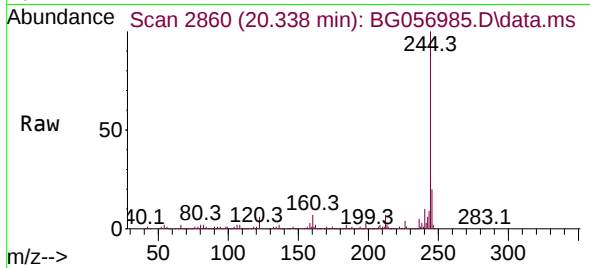




#79
 Terphenyl-d14
 Concen: 100.254 ng
 RT: 20.338 min Scan# 2860
 Delta R.T. -0.001 min
 Lab File: BG056985.D
 Acq: 5 Apr 2023 10:41

Instrument :
 BNA_G
 ClientSampleId :
 PB151898BL

Tgt Ion:244 Resp: 572969
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.643 min Scan# 3763
 Delta R.T. 0.011 min
 Lab File: BG056985.D
 Acq: 5 Apr 2023 10:41

Tgt Ion:264 Resp: 101148
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.4
 265 21.7 17.8 26.6

