

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056992.D
 Acq On : 5 Apr 2023 15:51
 Operator : CG/JU
 Sample : PB151887BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB151887BL

Quant Time: Apr 06 02:00:23 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	12761	20.000	ng	0.00
21) Naphthalene-d8	11.256	136	54704	20.000	ng	0.00
39) Acenaphthene-d10	15.028	164	44085	20.000	ng	0.00
64) Phenanthrene-d10	17.771	188	116922	20.000	ng	0.00
76) Chrysene-d12	22.089	240	95555	20.000	ng	0.00
86) Perylene-d12	25.637	264	100222	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.923	112	111180	139.439	ng	0.00
7) Phenol-d6	7.550	99	163911	137.449	ng	0.00
23) Nitrobenzene-d5	9.594	82	106558	79.703	ng	0.00
42) 2,4,6-Tribromophenol	16.508	330	93961	133.416	ng	0.00
45) 2-Fluorobiphenyl	13.659	172	274672	84.486	ng	0.00
79) Terphenyl-d14	20.338	244	537162	95.125	ng	0.00

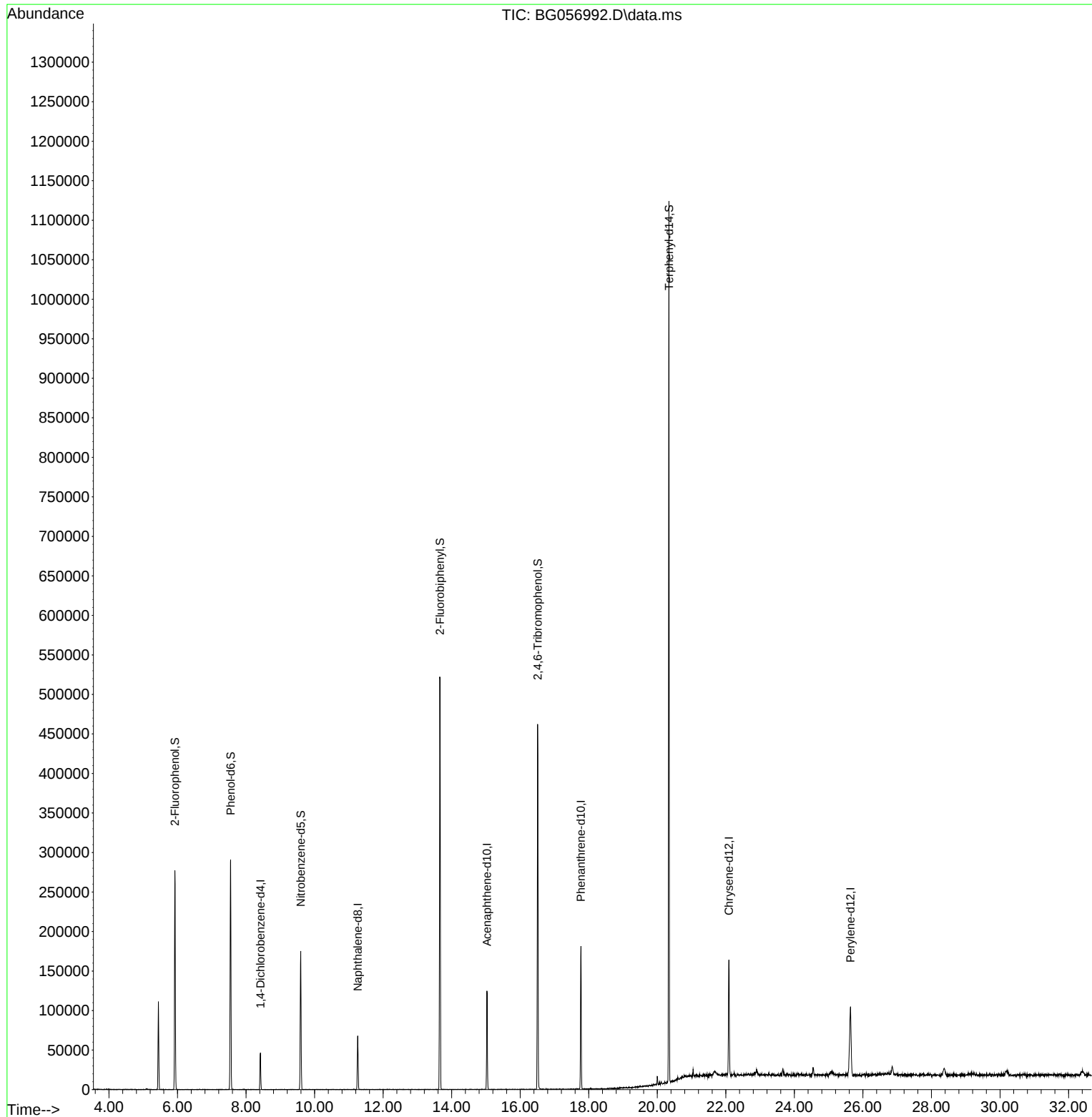
Target Compounds	Qvalue

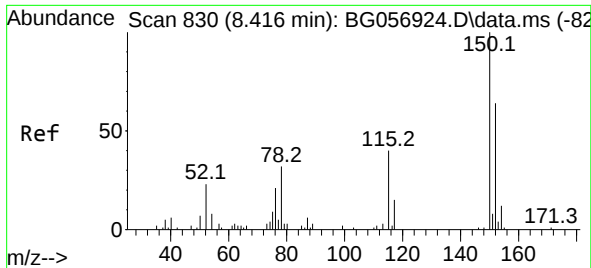
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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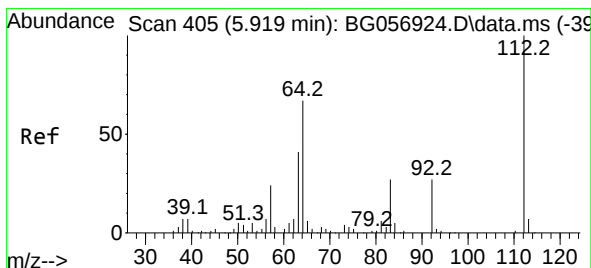
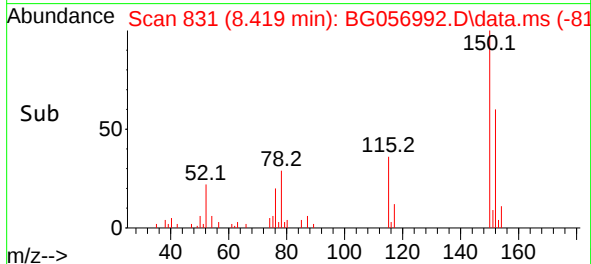
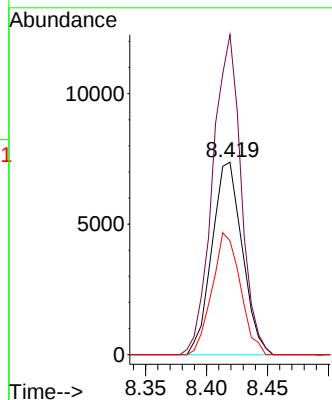
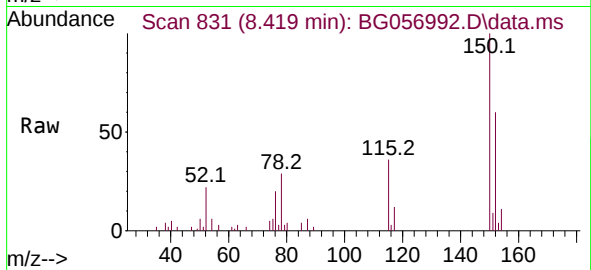




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.419 min Scan# 831
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

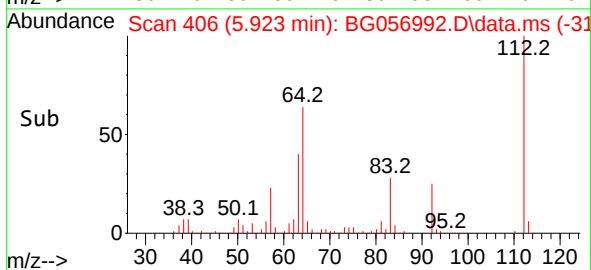
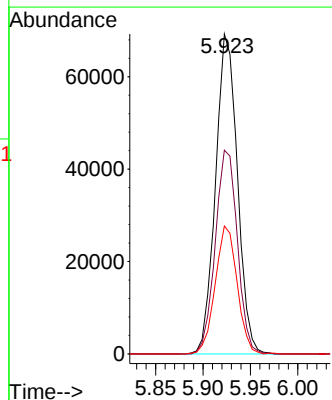
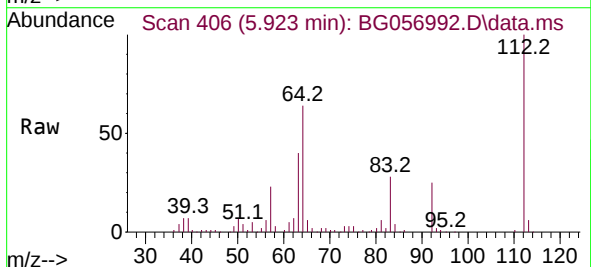
Instrument :
BNA_G
ClientSampleId :
PB151887BL

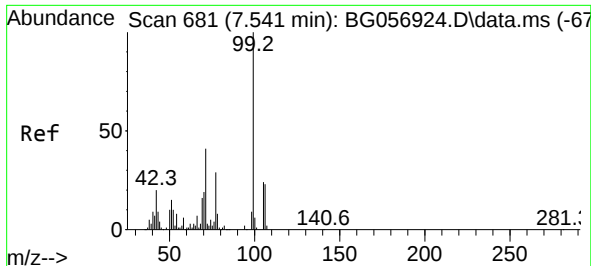
Tgt Ion:152 Resp: 12761
Ion Ratio Lower Upper
152 100
150 166.3 124.1 186.1
115 59.2 49.1 73.7



#5
2-Fluorophenol
Concen: 139.439 ng
RT: 5.923 min Scan# 406
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion:112 Resp: 111180
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 40.0 32.6 48.8

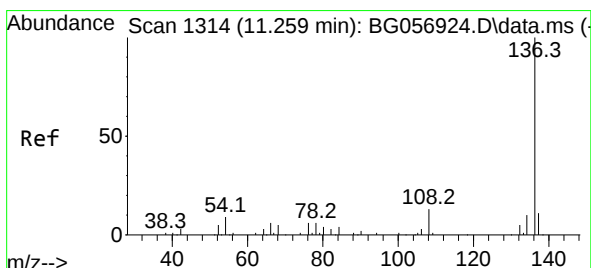
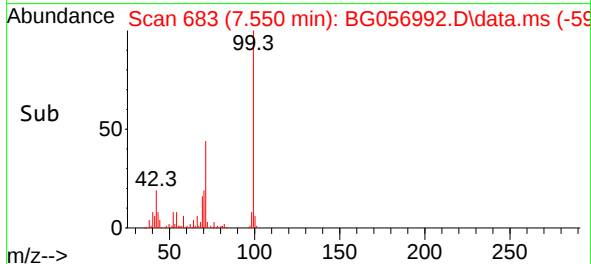
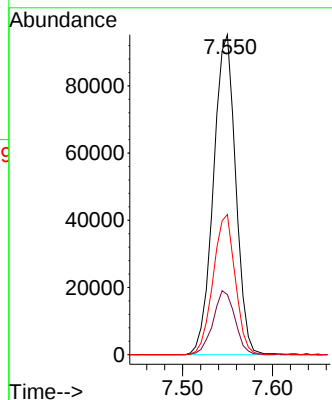
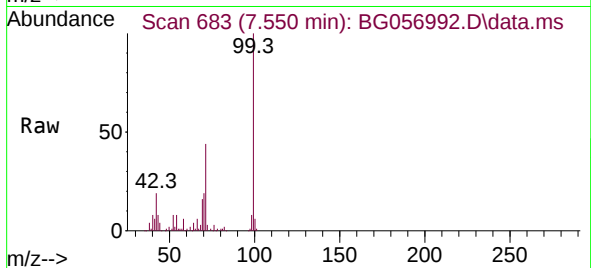




#7
Phenol-d6
Concen: 137.449 ng
RT: 7.550 min Scan# 681
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

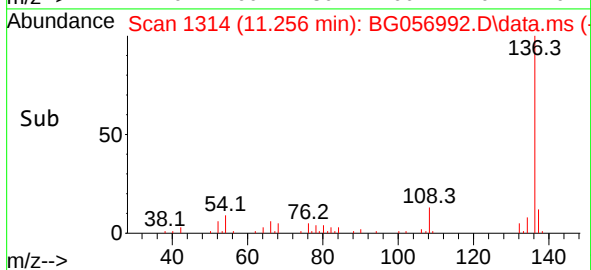
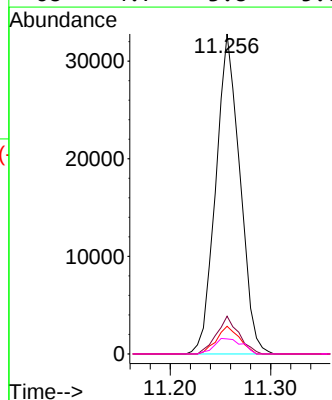
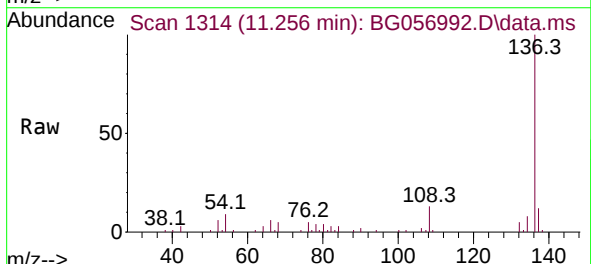
Instrument :
BNA_G
ClientSampleId :
PB151887BL

Tgt Ion: 99 Resp: 163911
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 43.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.256 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion: 136 Resp: 54704
Ion Ratio Lower Upper
136 100
137 11.8 8.6 13.0
54 8.6 6.9 10.3
68 4.7 3.8 5.6





#23

Nitrobenzene-d5

Concen: 79.703 ng

RT: 9.594 min Scan# 1031

Delta R.T. -0.001 min

Lab File: BG056992.D

Acq: 5 Apr 2023 15:51

Instrument :

BNA_G

ClientSampleId :

PB151887BL

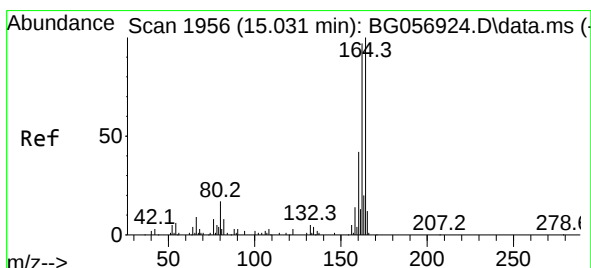
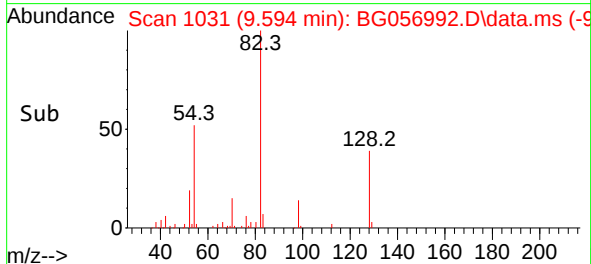
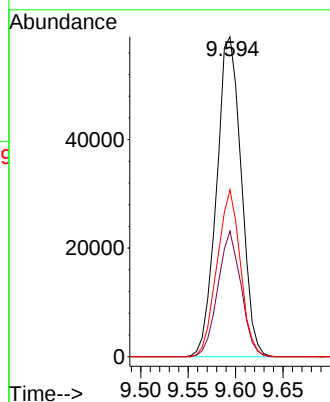
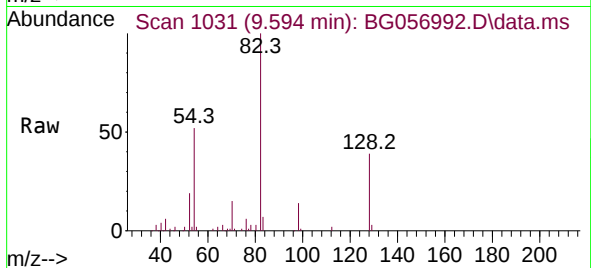
Tgt Ion: 82 Resp: 106558

Ion Ratio Lower Upper

82 100

128 39.2 27.9 41.9

54 52.1 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.028 min Scan# 1956

Delta R.T. -0.006 min

Lab File: BG056992.D

Acq: 5 Apr 2023 15:51

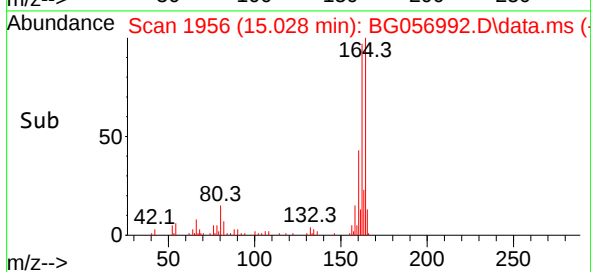
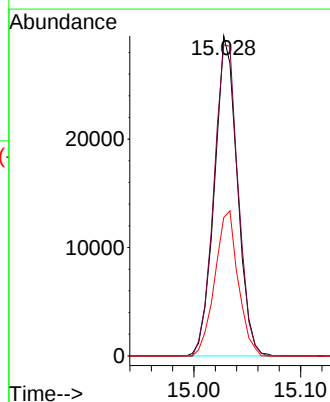
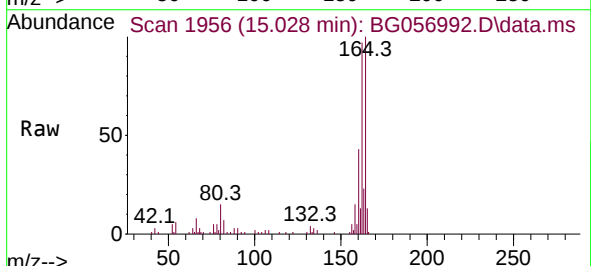
Tgt Ion: 164 Resp: 44085

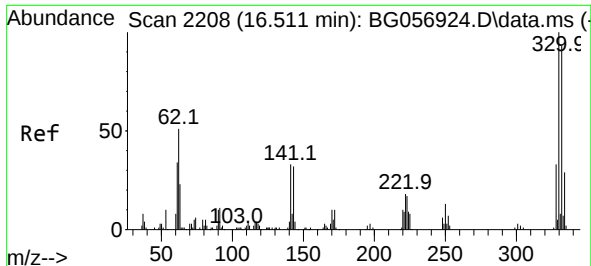
Ion Ratio Lower Upper

164 100

162 97.2 77.8 116.8

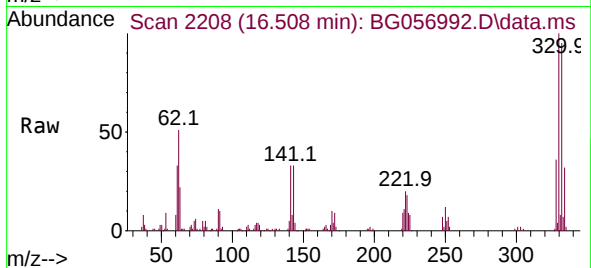
160 43.2 33.5 50.3



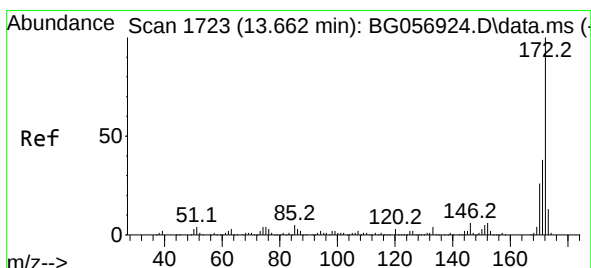
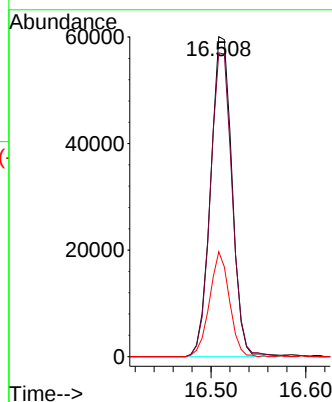
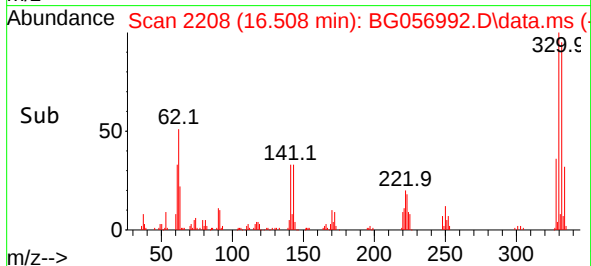


#42
2,4,6-Tribromophenol
Concen: 133.416 ng
RT: 16.508 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

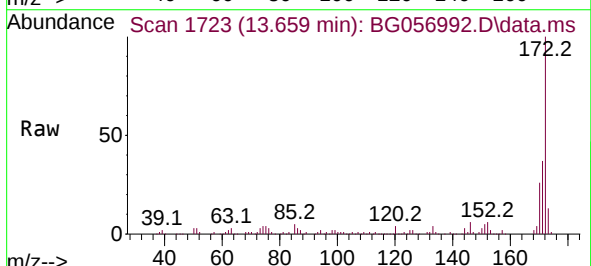
Instrument :
BNA_G
ClientSampleId :
PB151887BL



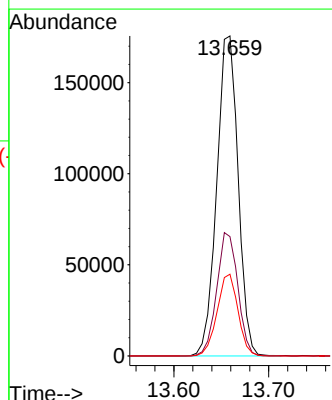
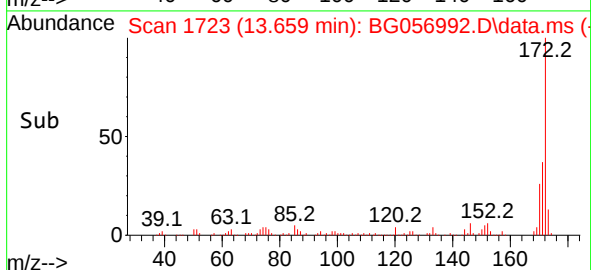
Tgt Ion:330 Resp: 93961
Ion Ratio Lower Upper
330 100
332 96.8 76.1 114.1
141 30.5 25.8 38.6

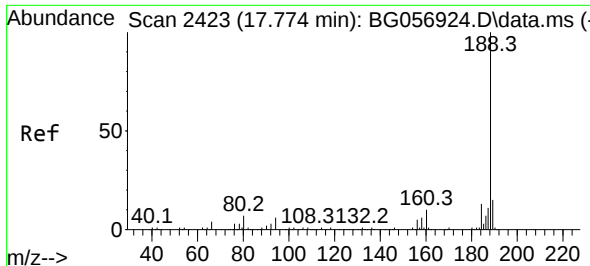


#45
2-Fluorobiphenyl
Concen: 84.486 ng
RT: 13.659 min Scan# 1723
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51



Tgt Ion:172 Resp: 274672
Ion Ratio Lower Upper
172 100
171 37.3 30.6 46.0
170 25.5 20.6 30.8

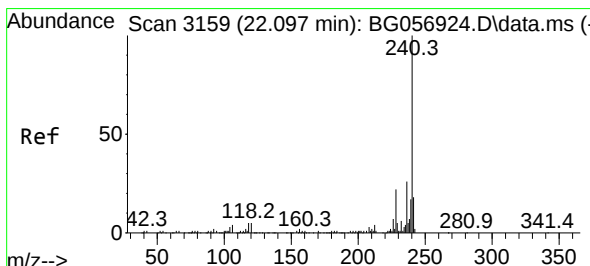
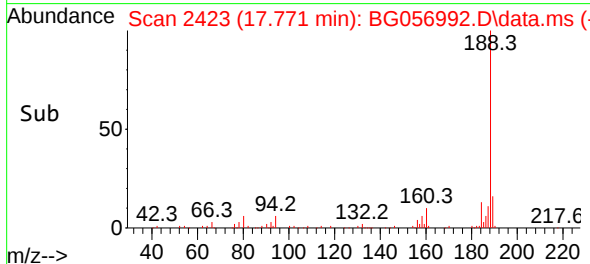
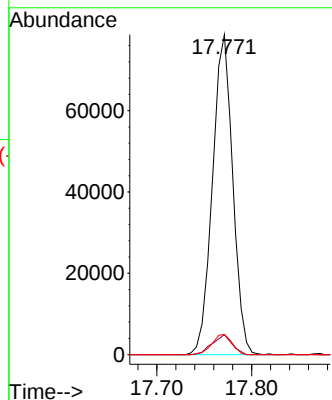
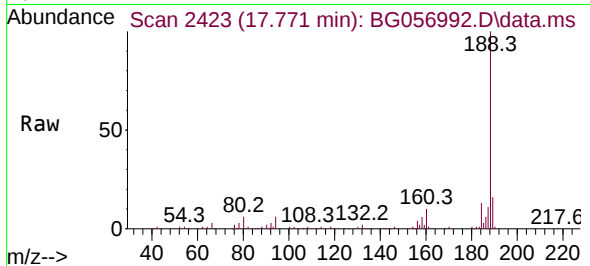




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.771 min Scan# 24
Delta R.T. 0.005 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

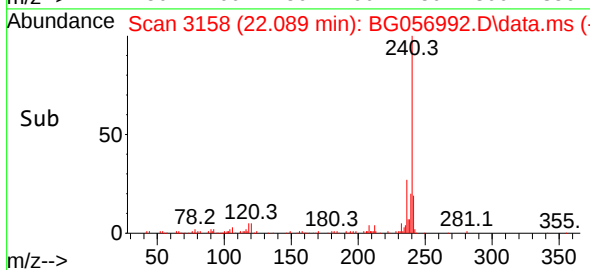
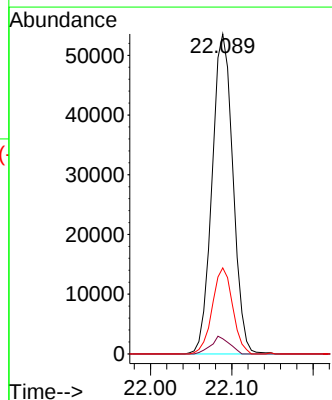
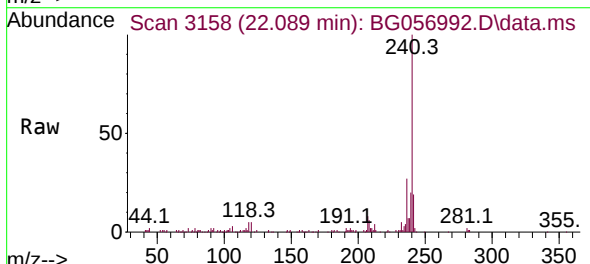
Instrument :
BNA_G
ClientSampleId :
PB151887BL

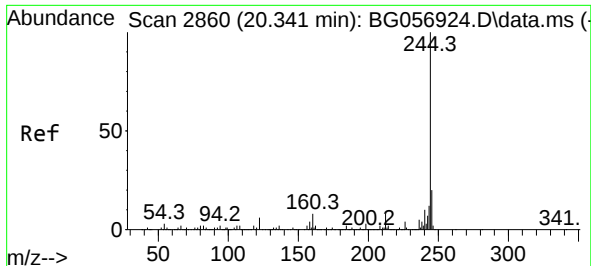
Tgt Ion:188 Resp: 116922
Ion Ratio Lower Upper
188 100
94 6.2 4.6 6.8
80 6.4 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.089 min Scan# 3158
Delta R.T. -0.006 min
Lab File: BG056992.D
Acq: 5 Apr 2023 15:51

Tgt Ion:240 Resp: 95555
Ion Ratio Lower Upper
240 100
120 4.7 3.8 5.6
236 26.9 21.0 31.6

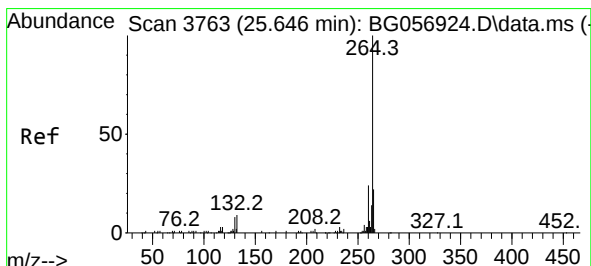
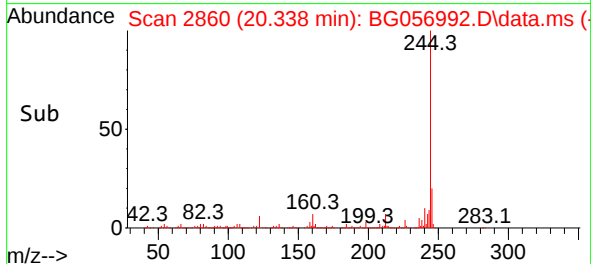
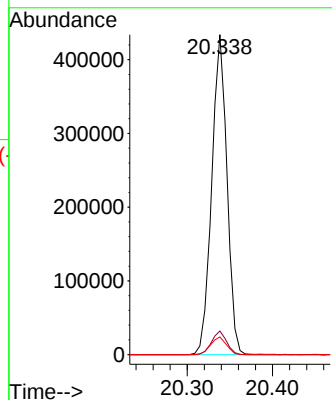
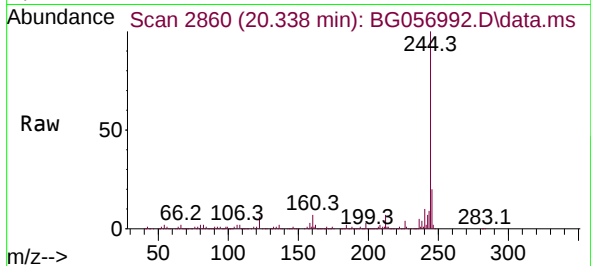




#79
 Terphenyl-d14
 Concen: 95.125 ng
 RT: 20.338 min Scan# 2860
 Delta R.T. -0.001 min
 Lab File: BG056992.D
 Acq: 5 Apr 2023 15:51

Instrument :
 BNA_G
 ClientSampleId :
 PB151887BL

Tgt Ion:244 Resp: 537162
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.5 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.637 min Scan# 3762
 Delta R.T. 0.005 min
 Lab File: BG056992.D
 Acq: 5 Apr 2023 15:51

Tgt Ion:264 Resp: 100222
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.0 28.4
 265 22.3 17.8 26.6

