

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100722\
 Data File : BG055095.D
 Acq On : 7 Oct 2022 11:05
 Operator : CG/JU
 Sample : PB148146BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BL

Quant Time: Oct 08 03:08:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.335	152	28960	20.000	ng	0.00
21) Naphthalene-d8	11.161	136	118212	20.000	ng	0.00
39) Acenaphthene-d10	14.939	164	86830	20.000	ng	0.00
64) Phenanthrene-d10	17.677	188	233450	20.000	ng	0.00
76) Chrysene-d12	21.966	240	266076	20.000	ng	0.00
86) Perylene-d12	25.415	264	277269	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.850	112	205963	157.967	ng	0.00
7) Phenol-d6	7.460	99	267587	136.974	ng	0.00
23) Nitrobenzene-d5	9.504	82	169624	85.742	ng	0.00
42) 2,4,6-Tribromophenol	16.414	330	150563	165.078	ng	0.00
45) 2-Fluorobiphenyl	13.570	172	427888	76.930	ng	0.00
79) Terphenyl-d14	20.250	244	1061718	80.651	ng	0.00

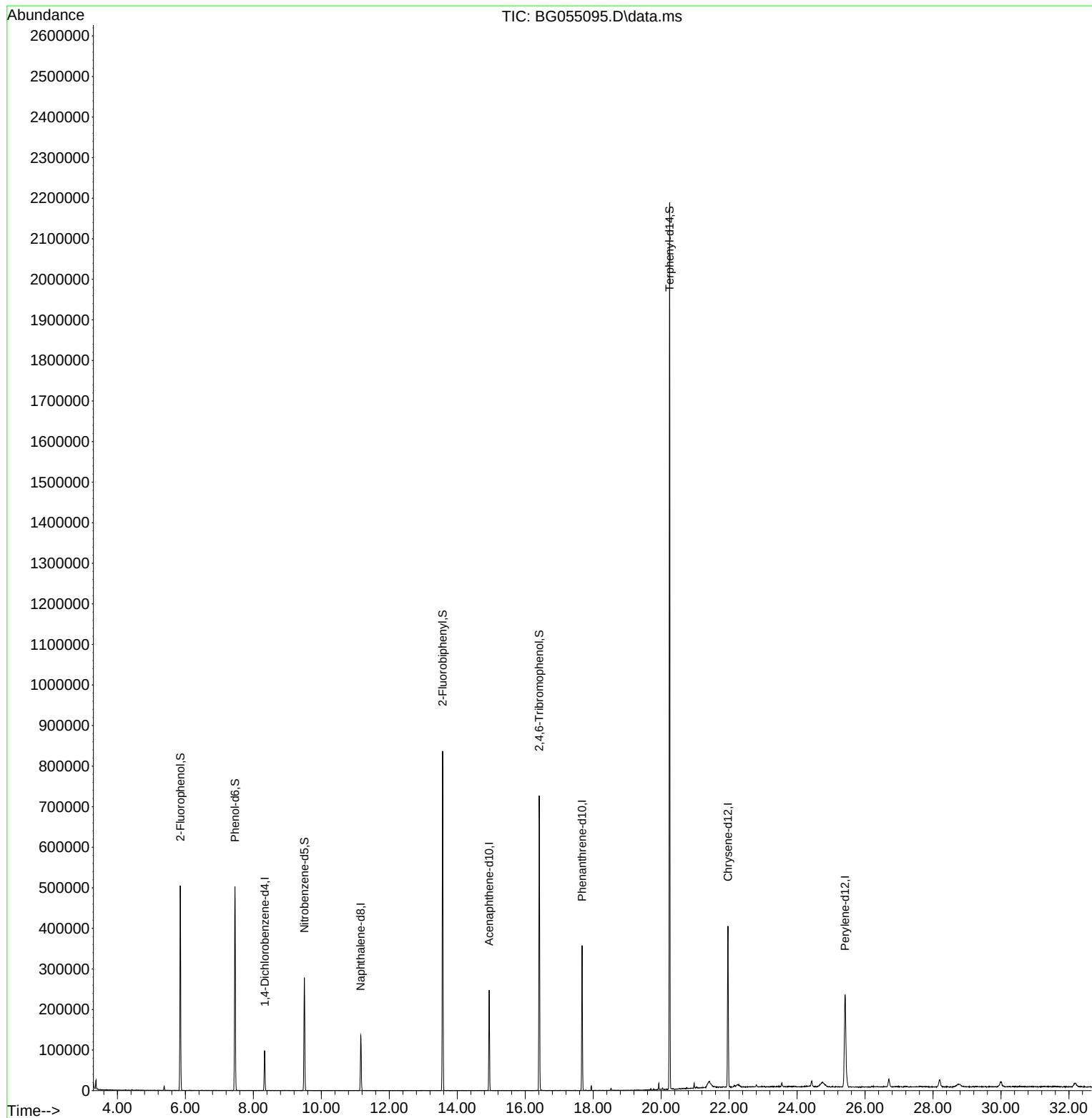
Target Compounds	Qvalue

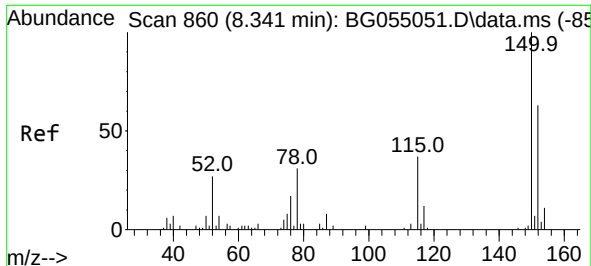
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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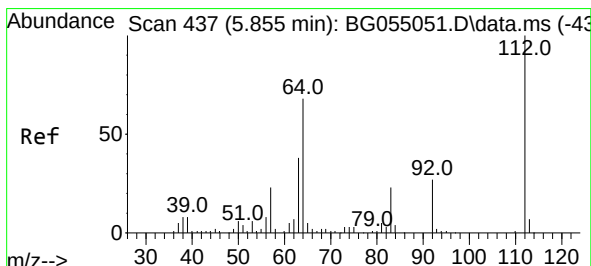
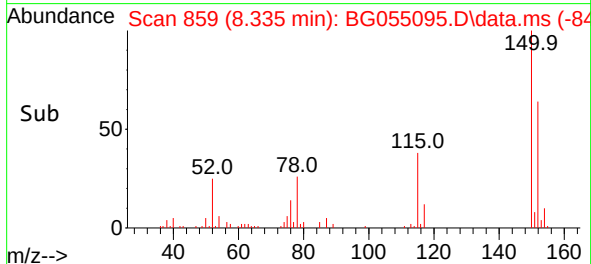
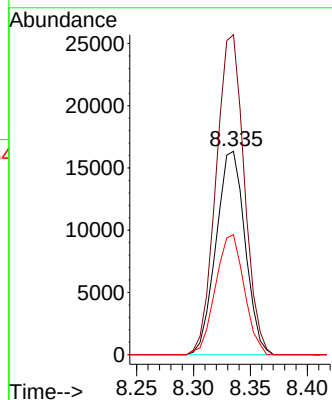
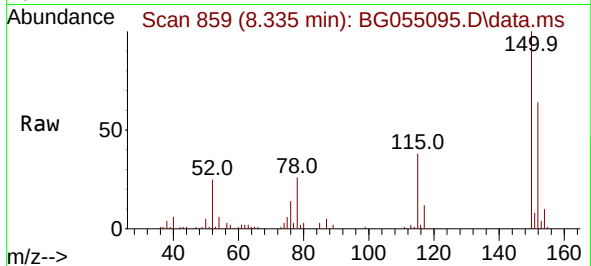




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.335 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

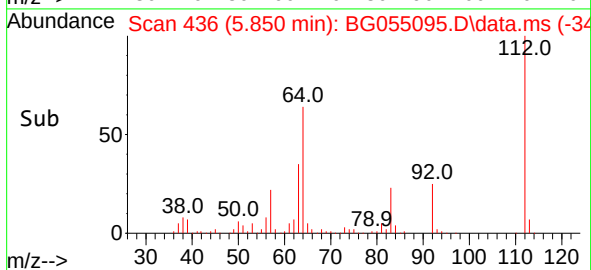
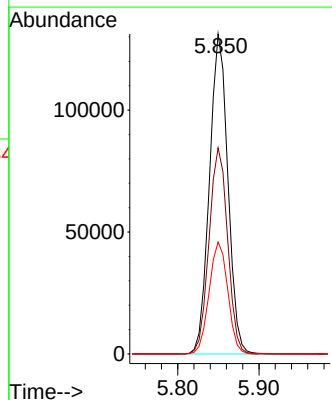
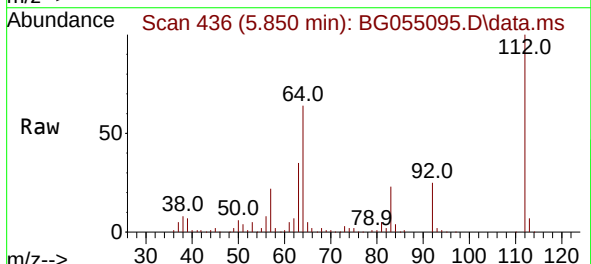
Instrument :
BNA_G
ClientSampleId :
PB148146BL

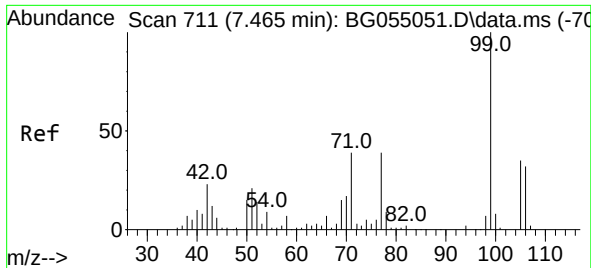
Tgt Ion:152 Resp: 28960
Ion Ratio Lower Upper
152 100
150 157.3 128.0 192.0
115 59.0 47.7 71.5



#5
2-Fluorophenol
Concen: 157.967 ng
RT: 5.850 min Scan# 436
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion:112 Resp: 205963
Ion Ratio Lower Upper
112 100
64 64.4 54.5 81.7
63 35.0 30.5 45.7

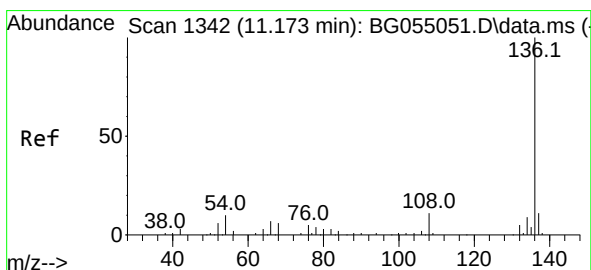
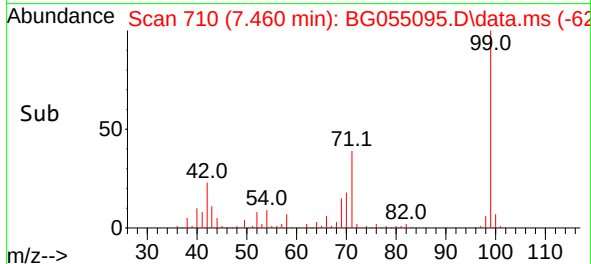
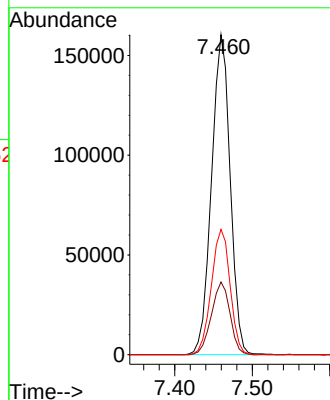
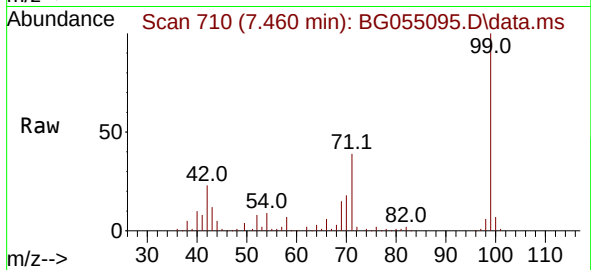




#7
Phenol-d6
Concen: 136.974 ng
RT: 7.460 min Scan# 711
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

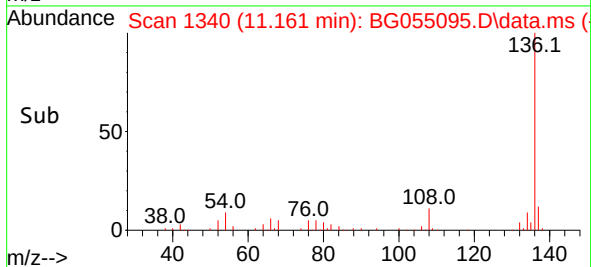
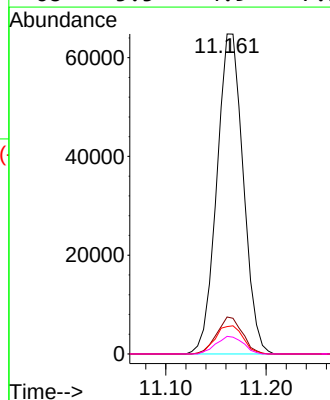
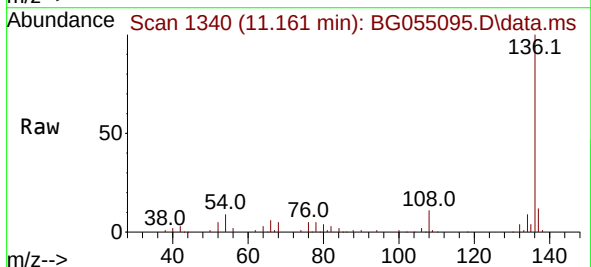
Instrument :
BNA_G
ClientSampleId :
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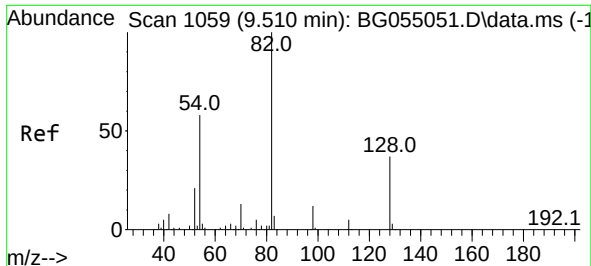
Tgt Ion: 99 Resp: 267587
Ion Ratio Lower Upper
99 100
42 22.7 18.6 28.0
71 39.2 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.161 min Scan# 1340
Delta R.T. -0.009 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion:136 Resp: 118212
Ion Ratio Lower Upper
136 100
137 11.5 8.7 13.1
54 8.6 8.2 12.4
68 5.5 4.9 7.3

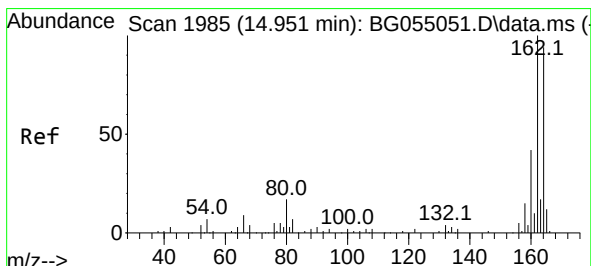
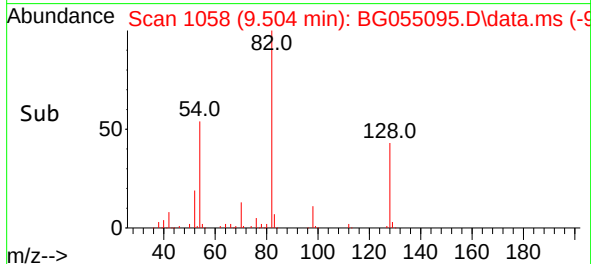
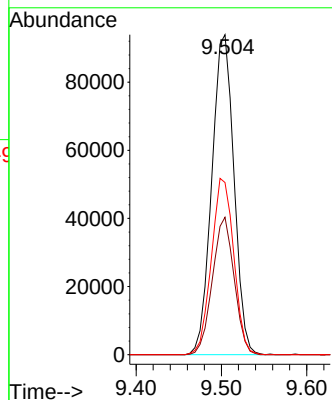
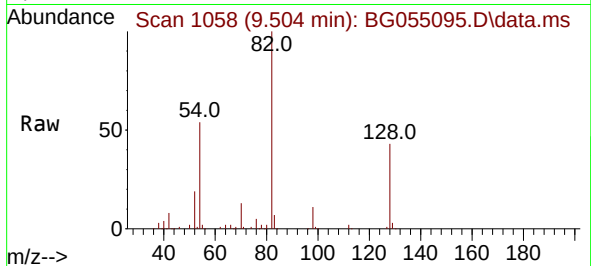




#23
Nitrobenzene-d5
Concen: 85.742 ng
RT: 9.504 min Scan# 1058
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

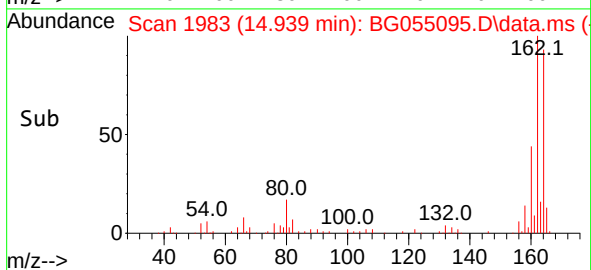
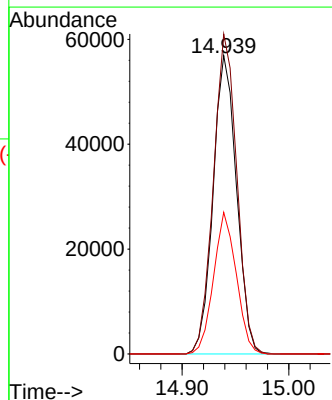
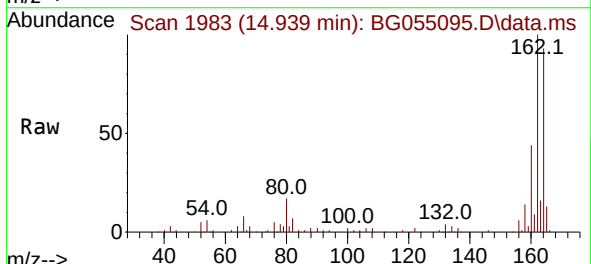
Instrument :
BNA_G
ClientSampleId :
PB148146BL

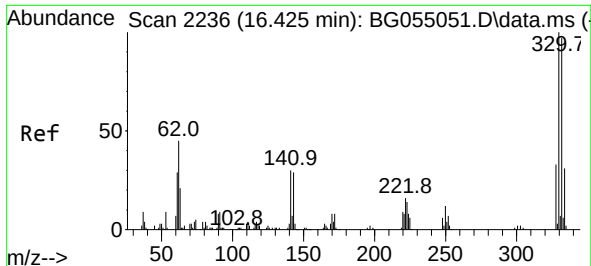
Tgt Ion: 82 Resp: 169624
Ion Ratio Lower Upper
82 100
128 43.0 29.5 44.3
54 53.8 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.939 min Scan# 1983
Delta R.T. -0.003 min
Lab File: BG055095.D
Acq: 7 Oct 2022 11:05

Tgt Ion: 164 Resp: 86830
Ion Ratio Lower Upper
164 100
162 107.2 85.5 128.3
160 47.5 35.5 53.3





#42

2,4,6-Tribromophenol

Concen: 165.078 ng

RT: 16.414 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG055095.D

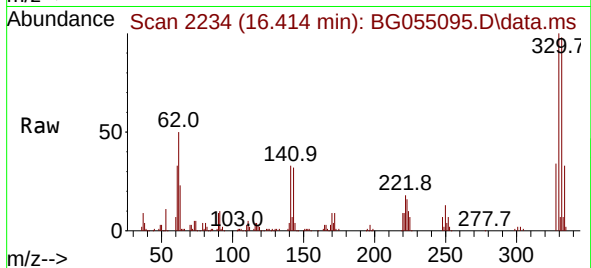
Acq: 7 Oct 2022 11:05

Instrument :

BNA_G

ClientSampleId :

PB148146BL



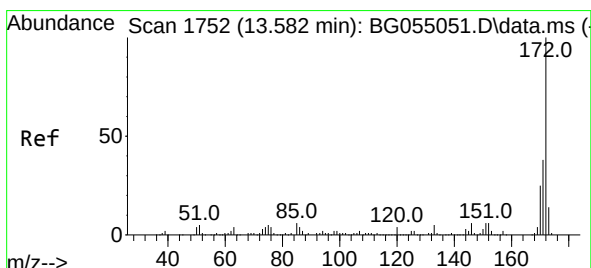
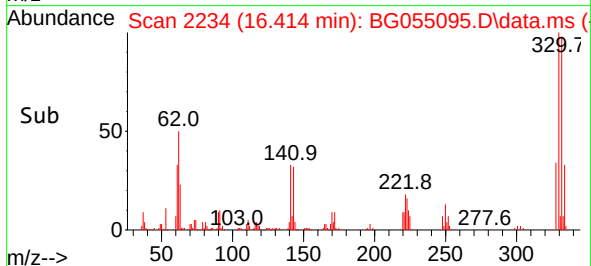
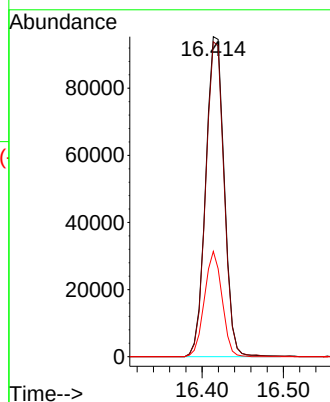
Tgt Ion:330 Resp: 150563

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.0

141 31.2 25.0 37.4



#45

2-Fluorobiphenyl

Concen: 76.930 ng

RT: 13.570 min Scan# 1750

Delta R.T. -0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

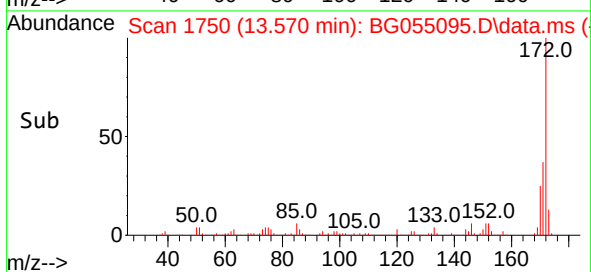
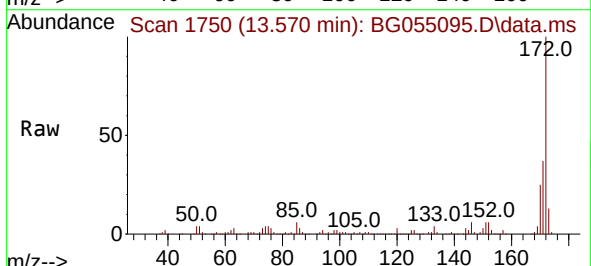
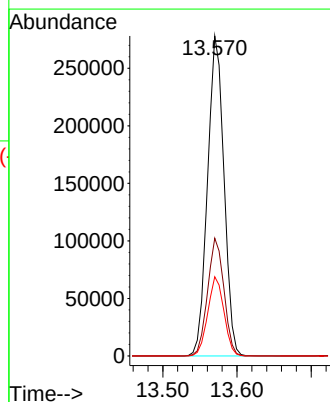
Tgt Ion:172 Resp: 427888

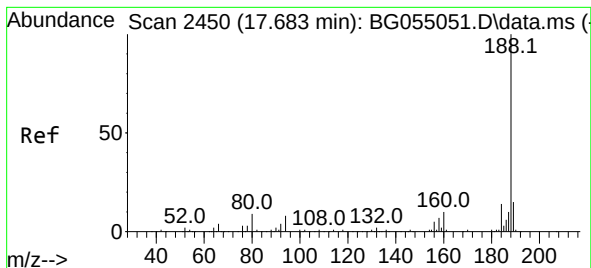
Ion Ratio Lower Upper

172 100

171 36.8 30.1 45.1

170 24.7 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.677 min Scan# 2449

Delta R.T. 0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

Instrument :

BNA_G

ClientSampleId :

PB148146BL

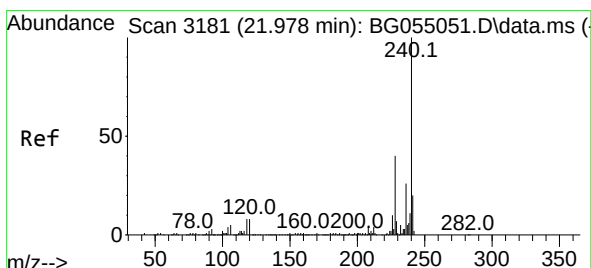
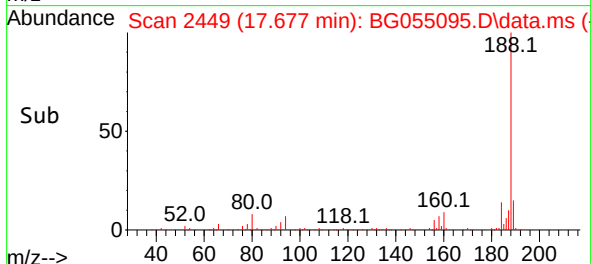
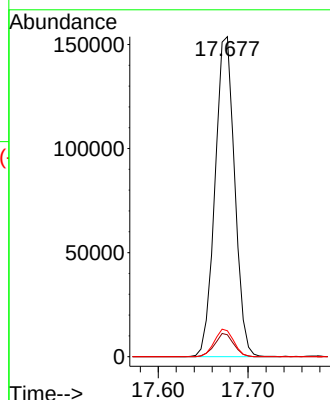
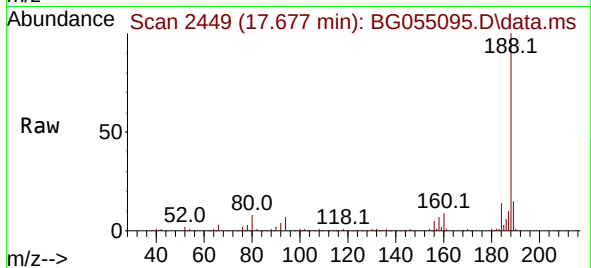
Tgt Ion:188 Resp: 233450

Ion Ratio Lower Upper

188 100

94 6.8 6.2 9.2

80 8.1 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.966 min Scan# 3179

Delta R.T. -0.003 min

Lab File: BG055095.D

Acq: 7 Oct 2022 11:05

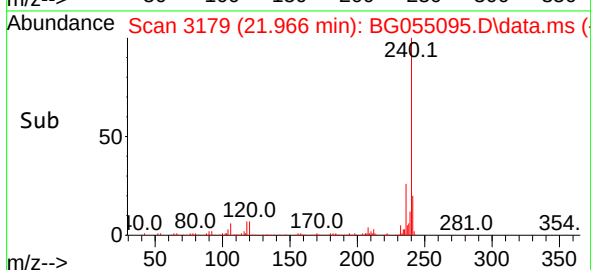
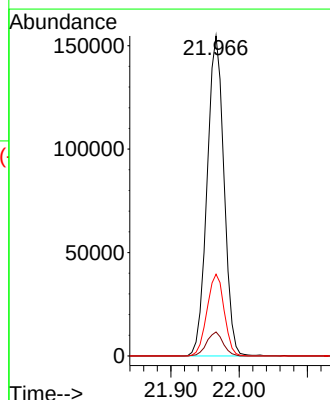
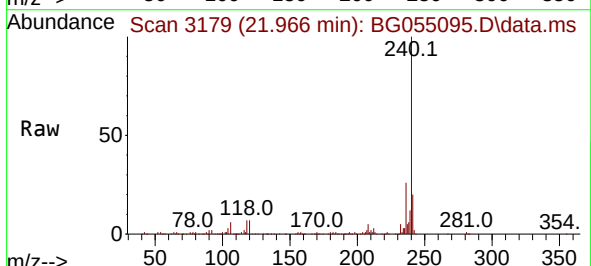
Tgt Ion:240 Resp: 266076

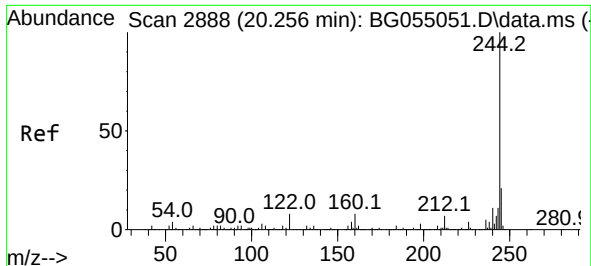
Ion Ratio Lower Upper

240 100

120 7.5 6.2 9.4

236 25.6 20.6 30.8

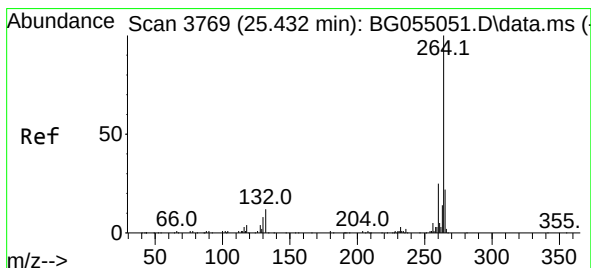
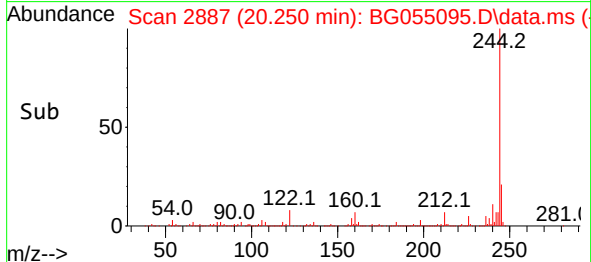
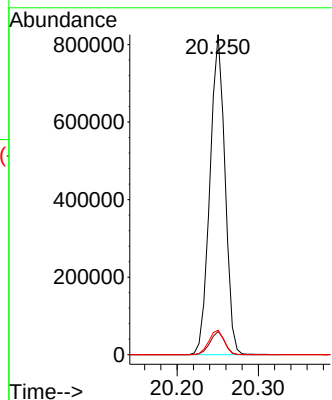
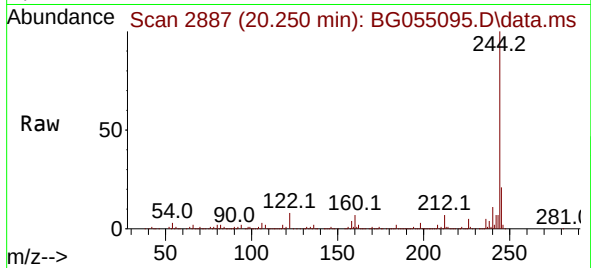




#79
 Terphenyl-d14
 Concen: 80.651 ng
 RT: 20.250 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG055095.D
 Acq: 7 Oct 2022 11:05

Instrument :
 BNA_G
 ClientSampleId :
 PB148146BL

Tgt Ion:244 Resp: 1061718
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 7.7 6.6 10.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.415 min Scan# 3766
 Delta R.T. -0.003 min
 Lab File: BG055095.D
 Acq: 7 Oct 2022 11:05

Tgt Ion:264 Resp: 277269
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.7 29.5
 265 22.5 17.8 26.6

