

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055134.D
 Acq On : 11 Oct 2022 20:06
 Operator : CG/JU
 Sample : N5083-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Quant Time: Oct 12 06:22:22 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)

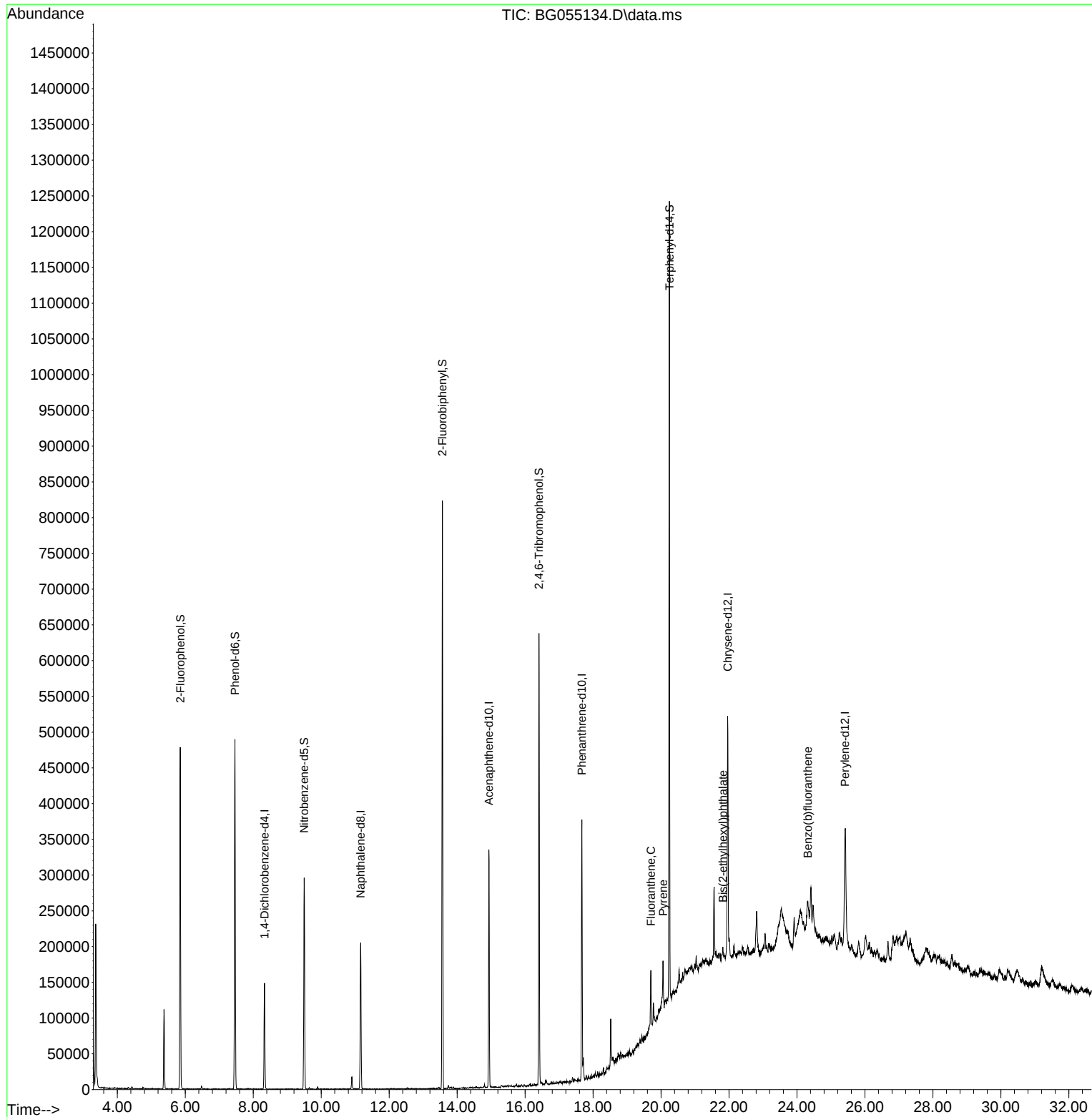
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.331	152	41886	20.000	ng	0.00
21) Naphthalene-d8	11.163	136	175526	20.000	ng	0.00
39) Acenaphthene-d10	14.935	164	117535	20.000	ng	0.00
64) Phenanthrene-d10	17.673	188	238807	20.000	ng	0.00
76) Chrysene-d12	21.962	240	218910	20.000	ng	0.00
86) Perylene-d12	25.417	264	234416	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.851	112	201414	106.806	ng	0.00
7) Phenol-d6	7.461	99	271707	96.162	ng	0.00
23) Nitrobenzene-d5	9.500	82	176643	60.134	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	128403	106.333	ng	0.00
45) 2-Fluorobiphenyl	13.566	172	420199	55.812	ng	0.00
79) Terphenyl-d14	20.246	244	563915	52.066	ng	0.00
Target Compounds						
75) Fluoranthene	19.700	202	46813	2.991	ng	98
78) Pyrene	20.058	202	40086	2.754	ng	98
84) Bis(2-ethylhexyl)phtha...	21.821	149	4587	4.717	ng	# 93
88) Benzo(b)fluoranthene	24.318	252	34848	2.523	ng	# 85

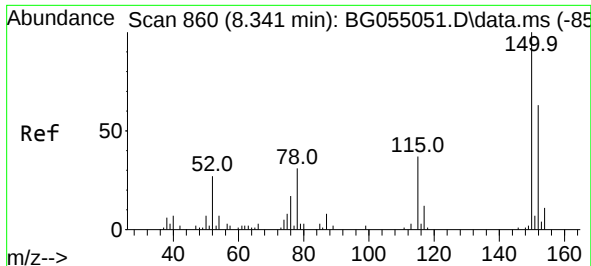
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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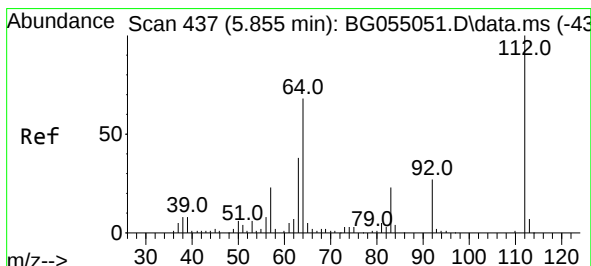
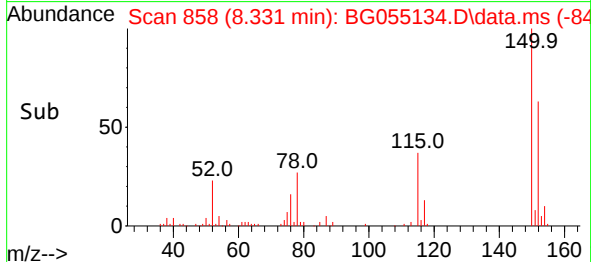
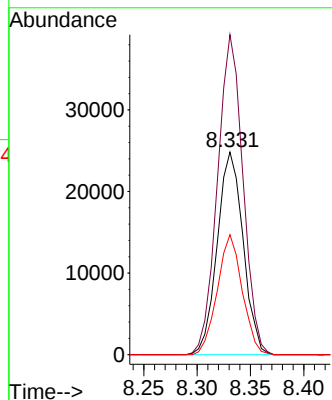
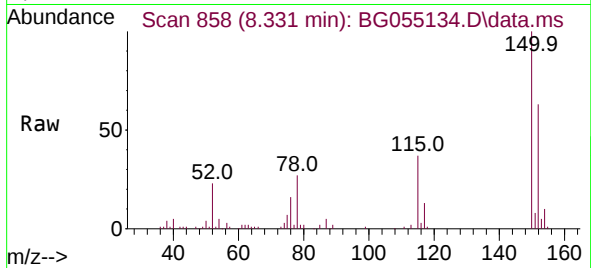




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.331 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

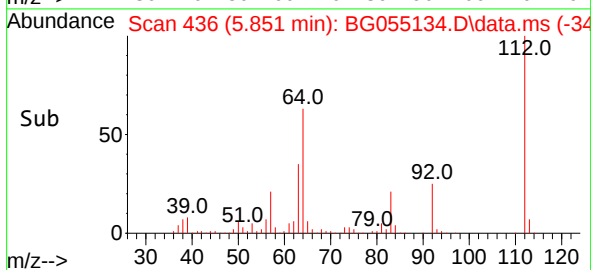
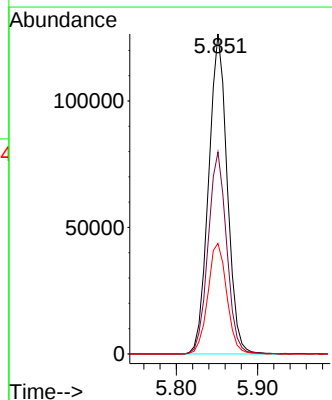
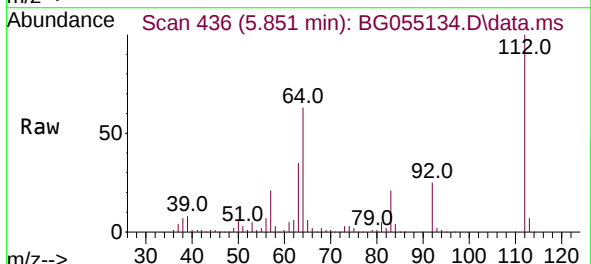
Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

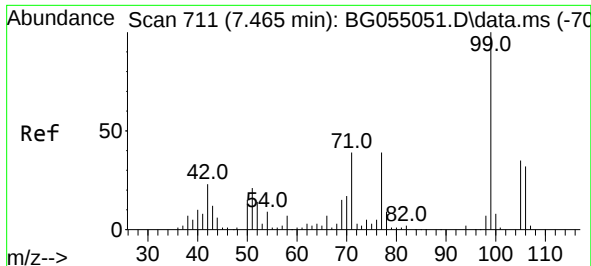
Tgt Ion:152 Resp: 41886
Ion Ratio Lower Upper
152 100
150 158.0 128.0 192.0
115 59.2 47.7 71.5



#5
2-Fluorophenol
Concen: 106.806 ng
RT: 5.851 min Scan# 436
Delta R.T. -0.001 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

Tgt Ion:112 Resp: 201414
Ion Ratio Lower Upper
112 100
64 63.1 54.5 81.7
63 34.5 30.5 45.7

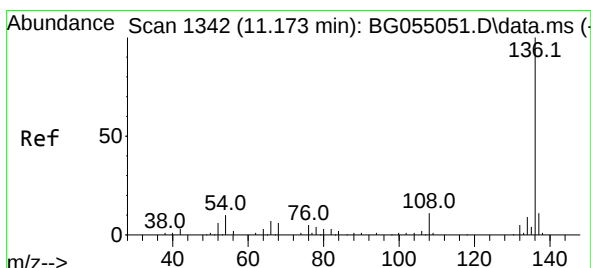
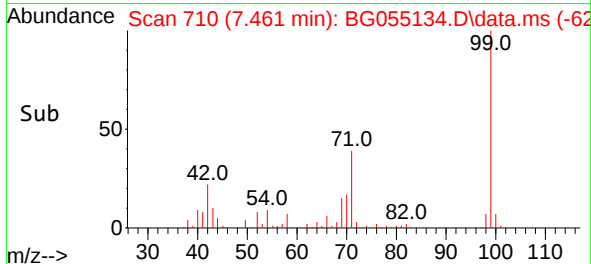
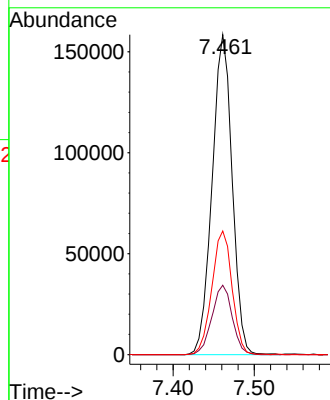
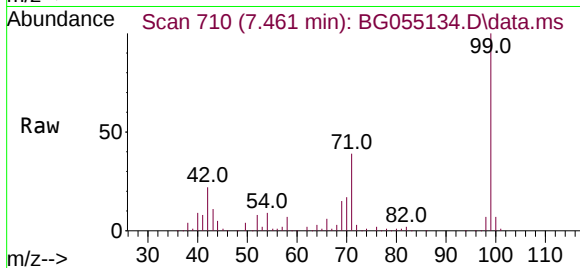




#7
Phenol-d6
Concen: 96.162 ng
RT: 7.461 min Scan# 711
Delta R.T. -0.001 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

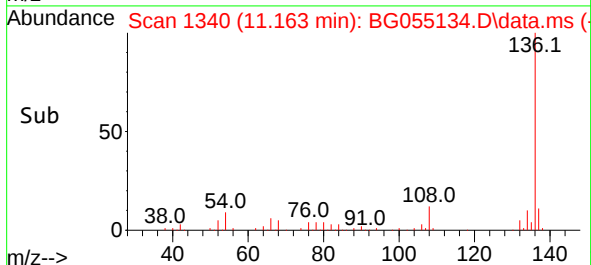
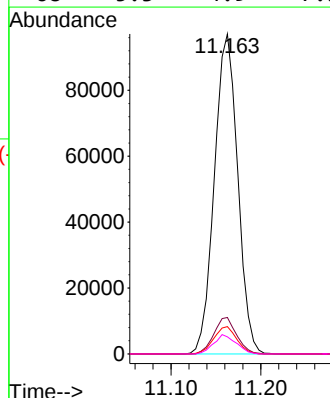
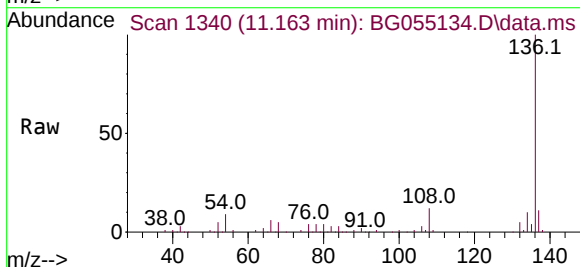
Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

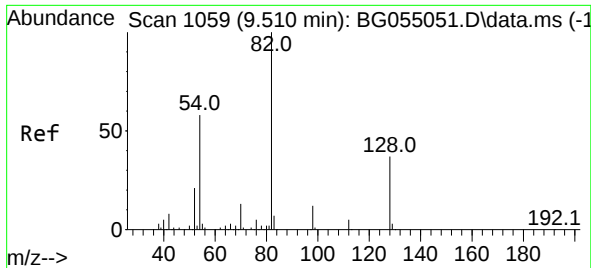
Tgt Ion: 99 Resp: 271707
Ion Ratio Lower Upper
99 100
42 21.7 18.6 28.0
71 38.6 31.2 46.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.163 min Scan# 1340
Delta R.T. -0.007 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

Tgt Ion: 136 Resp: 175526
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 8.5 8.2 12.4
68 5.3 4.9 7.3

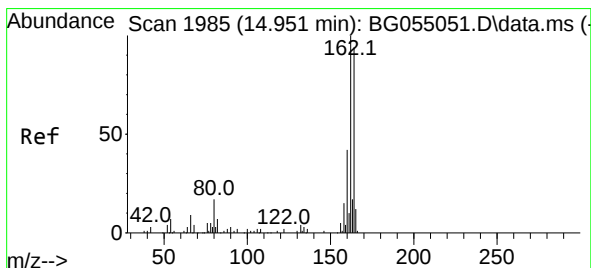
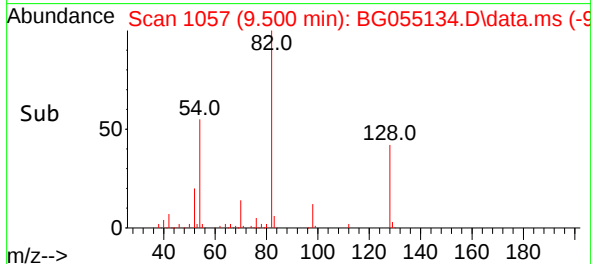
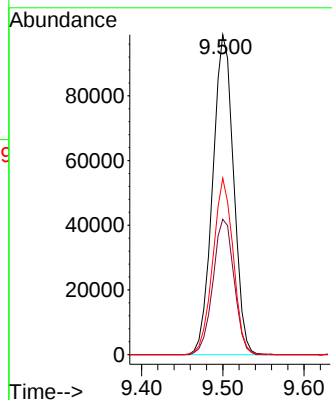
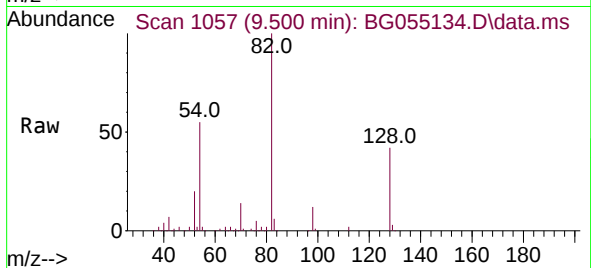




#23
Nitrobenzene-d5
Concen: 60.134 ng
RT: 9.500 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

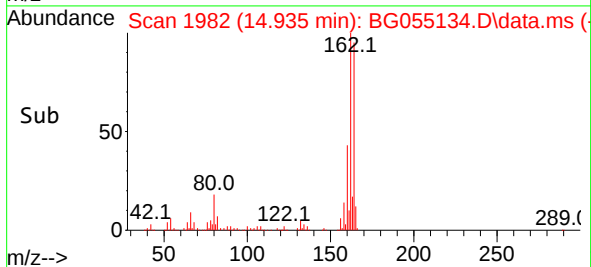
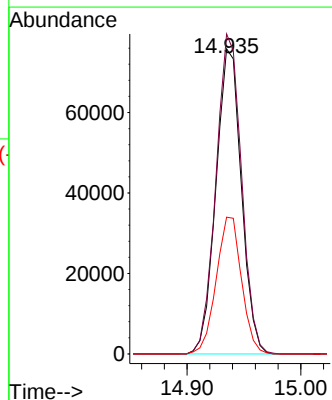
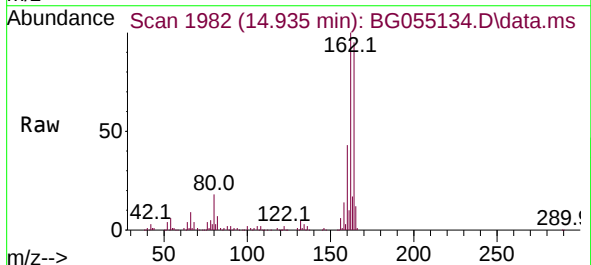
Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

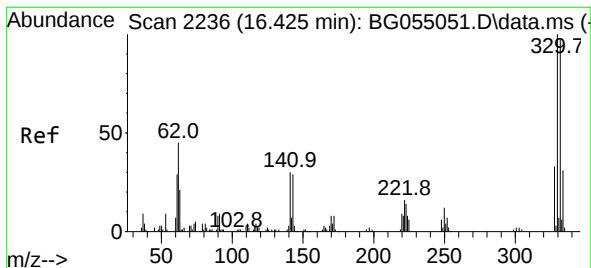
Tgt Ion: 82 Resp: 176643
Ion Ratio Lower Upper
82 100
128 42.3 29.5 44.3
54 55.1 46.7 70.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.935 min Scan# 1982
Delta R.T. -0.007 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

Tgt Ion: 164 Resp: 117535
Ion Ratio Lower Upper
164 100
162 104.9 85.5 128.3
160 44.8 35.5 53.3

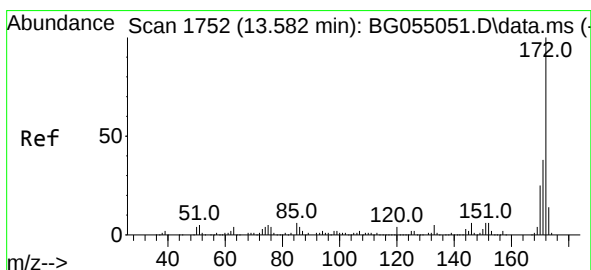
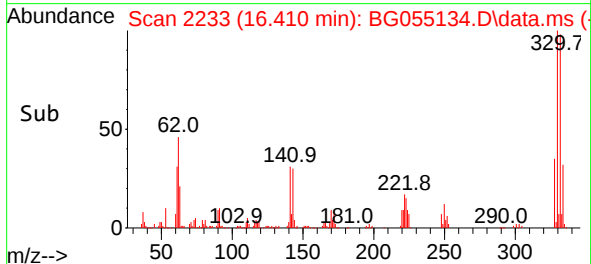
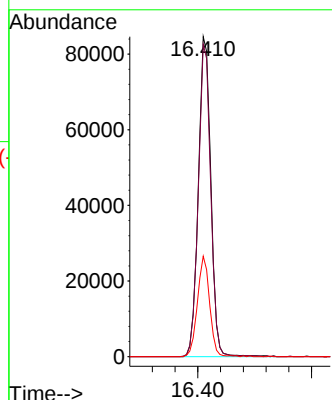
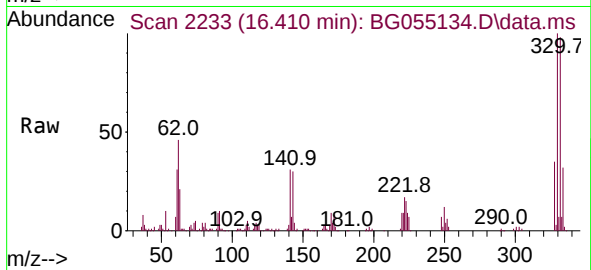




#42
 2,4,6-Tribromophenol
 Concen: 106.333 ng
 RT: 16.410 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055134.D
 Acq: 11 Oct 2022 20:06

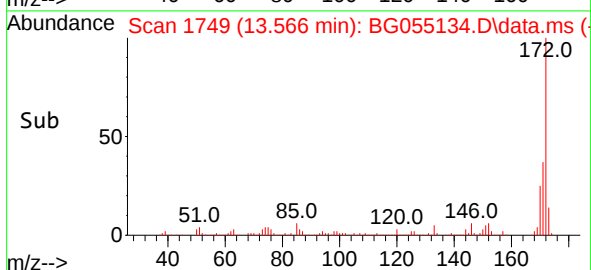
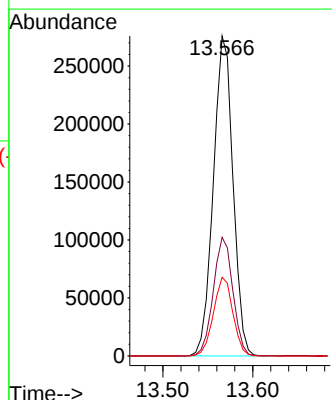
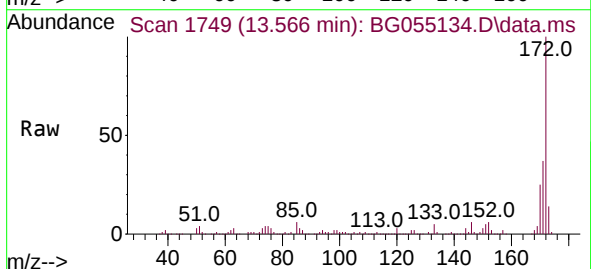
Instrument :
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 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

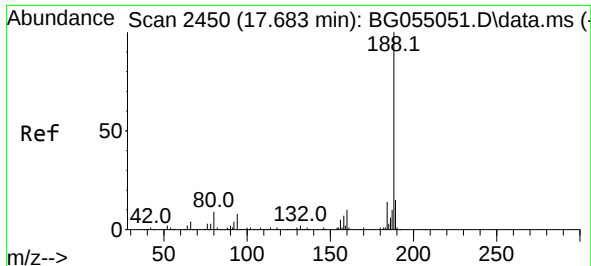
Tgt Ion:330 Resp: 128403
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.0
 141 30.6 25.0 37.4



#45
 2-Fluorobiphenyl
 Concen: 55.812 ng
 RT: 13.566 min Scan# 1749
 Delta R.T. -0.007 min
 Lab File: BG055134.D
 Acq: 11 Oct 2022 20:06

Tgt Ion:172 Resp: 420199
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.1 45.1
 170 24.6 20.0 30.0

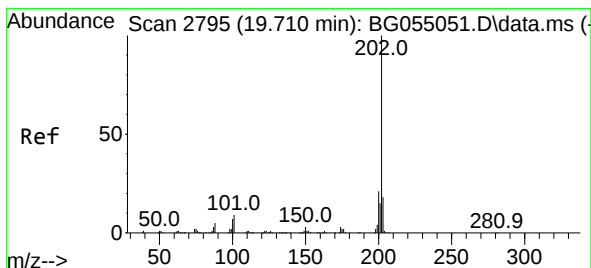
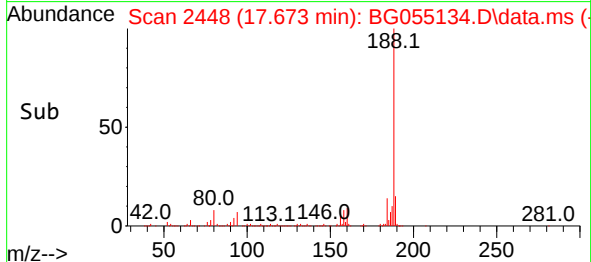
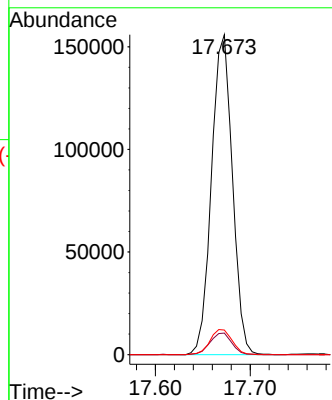
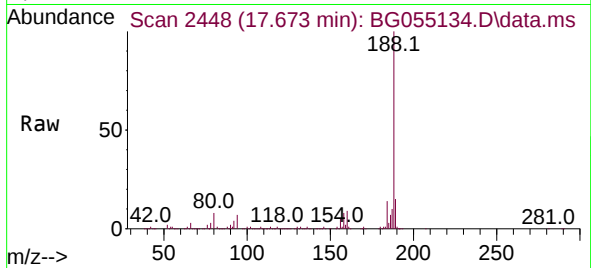




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.673 min Scan# 24
Delta R.T. -0.001 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

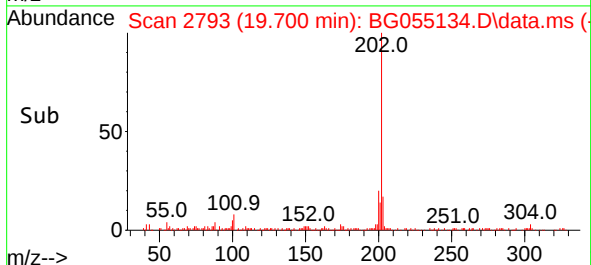
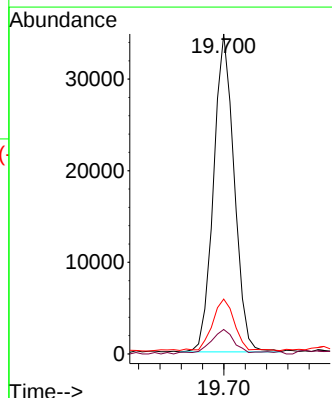
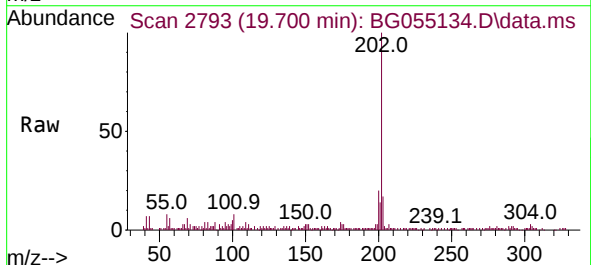
Instrument :
BNA_G
ClientSampleId :
MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

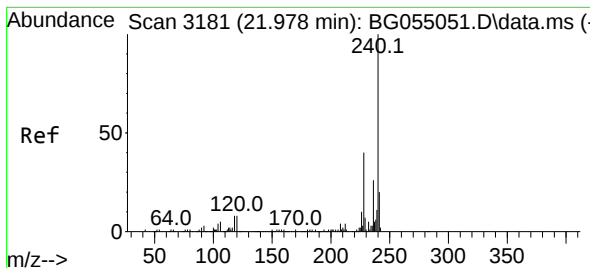
Tgt Ion:188 Resp: 238807
Ion Ratio Lower Upper
188 100
94 6.7 6.2 9.2
80 7.7 7.2 10.8



#75
Fluoranthene
Concen: 2.991 ng
RT: 19.700 min Scan# 2793
Delta R.T. -0.007 min
Lab File: BG055134.D
Acq: 11 Oct 2022 20:06

Tgt Ion:202 Resp: 46813
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.9
203 17.1 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.962 min Scan# 31

Delta R.T. -0.007 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

Instrument :

BNA_G

ClientSampleId :

MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

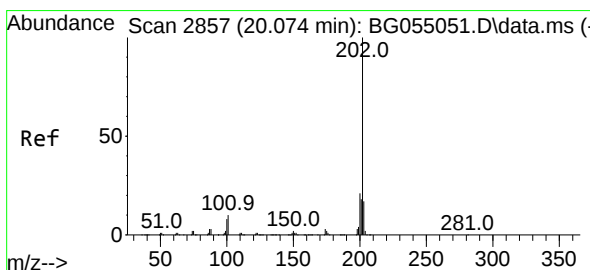
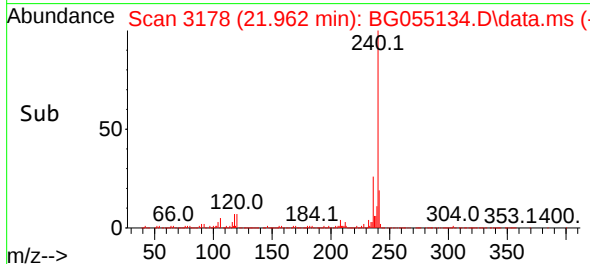
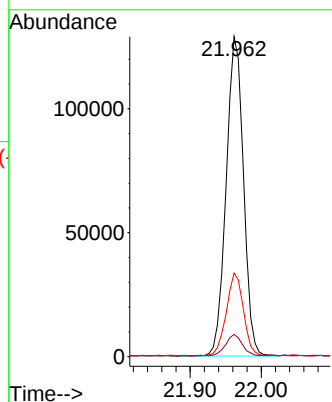
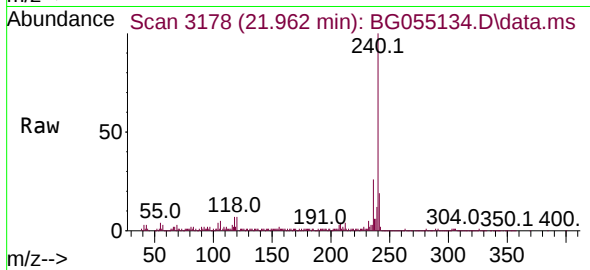
Tgt Ion:240 Resp: 218910

Ion Ratio Lower Upper

240 100

120 6.9 6.2 9.4

236 26.1 20.6 30.8



#78

Pyrene

Concen: 2.754 ng

RT: 20.058 min Scan# 2854

Delta R.T. -0.007 min

Lab File: BG055134.D

Acq: 11 Oct 2022 20:06

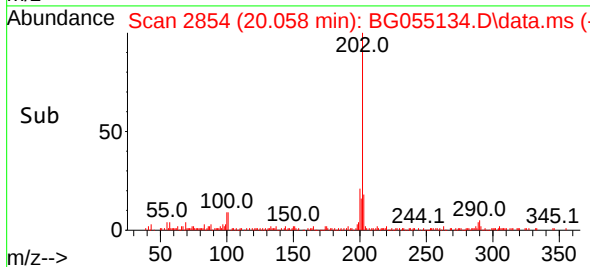
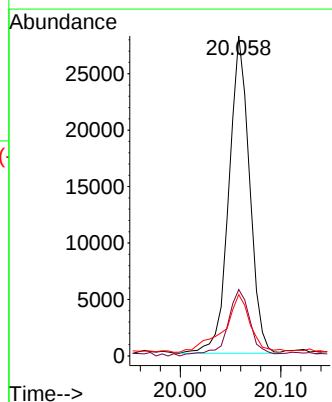
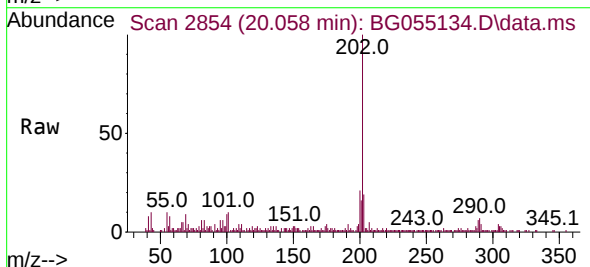
Tgt Ion:202 Resp: 40086

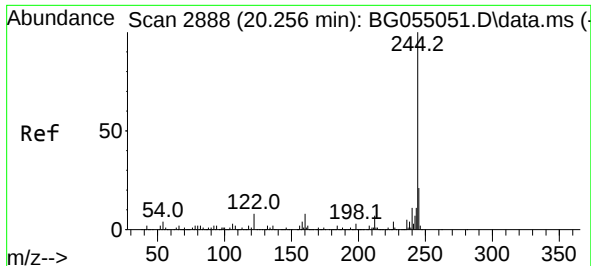
Ion Ratio Lower Upper

202 100

200 20.7 16.6 25.0

203 19.1 14.0 21.0

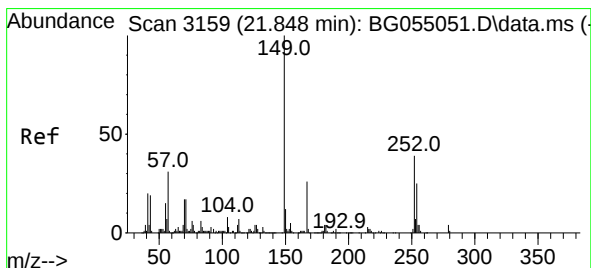
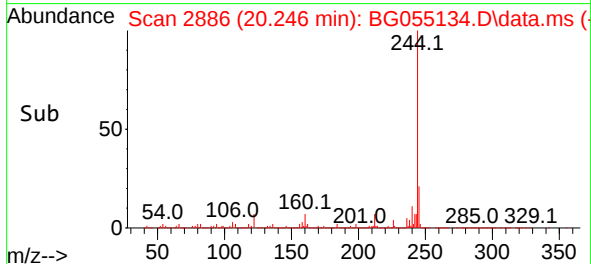
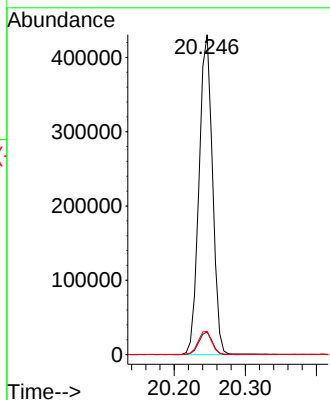
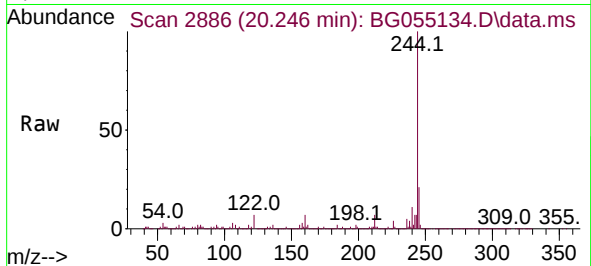




#79
 Terphenyl-d14
 Concen: 52.066 ng
 RT: 20.246 min Scan# 2888
 Delta R.T. -0.007 min
 Lab File: BG055134.D
 Acq: 11 Oct 2022 20:06

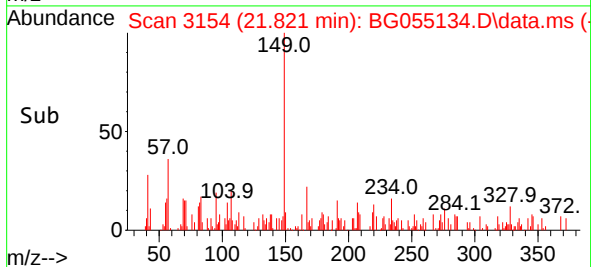
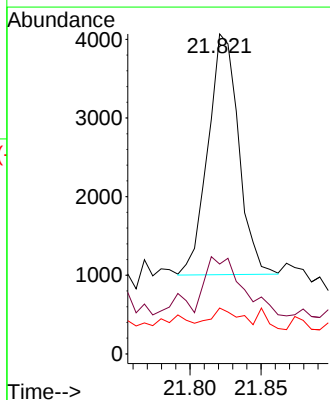
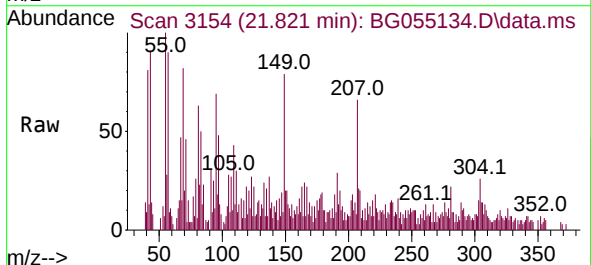
Instrument :
 BNA_G
 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

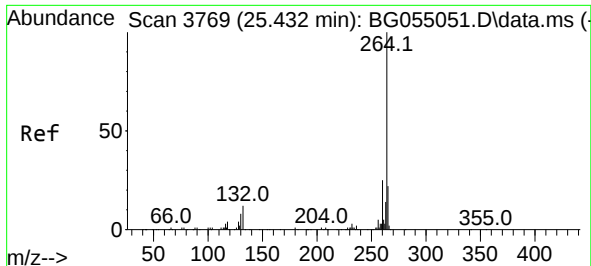
Tgt Ion:244 Resp: 563915
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 7.3 6.6 10.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.717 ng
 RT: 21.821 min Scan# 3154
 Delta R.T. -0.013 min
 Lab File: BG055134.D
 Acq: 11 Oct 2022 20:06

Tgt Ion:149 Resp: 4587
 Ion Ratio Lower Upper
 149 100
 167 28.1 21.0 31.4
 279 14.3 3.4 5.2#

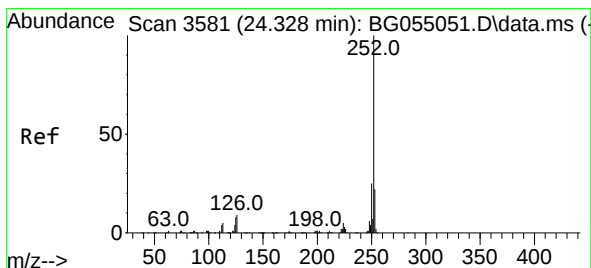
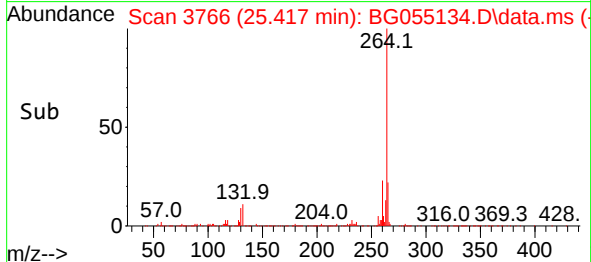
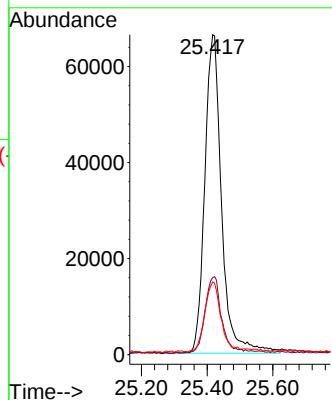
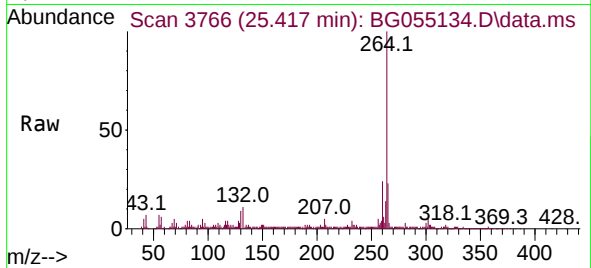




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.417 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG055134.D
 Acq: 11 Oct 2022 20:06

Instrument :
 BNA_G
 ClientSampleId :
 MOUNT-LAUREL-COMP-1-MOUNT-LAUREL-VOC-1

Tgt Ion:264 Resp: 234416
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.7 29.5
 265 22.7 17.8 26.6



#88
 Benzo(b)fluoranthene
 Concen: 2.523 ng
 RT: 24.318 min Scan# 3579
 Delta R.T. -0.001 min
 Lab File: BG055134.D
 Acq: 11 Oct 2022 20:06

Tgt Ion:252 Resp: 34848
 Ion Ratio Lower Upper
 252 100
 253 27.6 17.9 26.9#
 125 17.1 6.1 9.1#

