

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
 Data File : BG055734.D
 Acq On : 22 Nov 2022 10:47
 Operator : CG/JU
 Sample : PB149150BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB149150BL

Quant Time: Nov 23 01:37:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 23 01:35:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	31836	20.000	ng	0.00
21) Naphthalene-d8	11.070	136	136949	20.000	ng	0.00
39) Acenaphthene-d10	14.865	164	106807	20.000	ng	0.00
64) Phenanthrene-d10	17.603	188	283978	20.000	ng	0.00
76) Chrysene-d12	21.898	240	281380	20.000	ng	0.00
86) Perylene-d12	25.300	264	295829	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.770	112	268898	152.669	ng	0.00
7) Phenol-d6	7.386	99	347125	148.054	ng	0.00
23) Nitrobenzene-d5	9.413	82	215643	83.226	ng	0.00
42) 2,4,6-Tribromophenol	16.346	330	214210	142.429	ng	0.00
45) 2-Fluorobiphenyl	13.490	172	577128	80.951	ng	0.00
79) Terphenyl-d14	20.194	244	1223639	86.980	ng	0.00

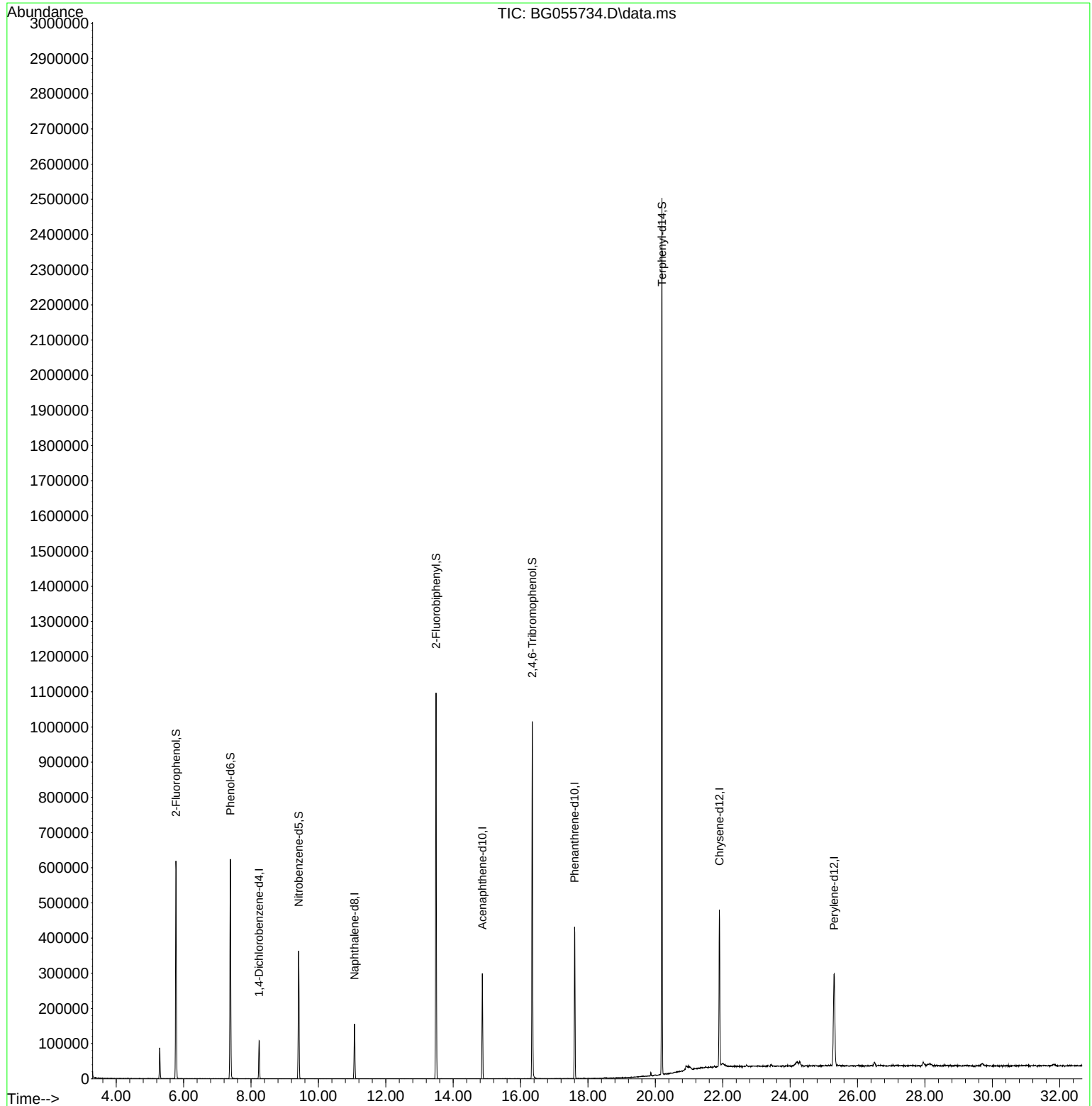
Target Compounds	Qvalue

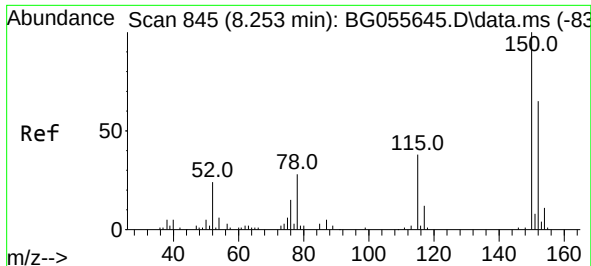
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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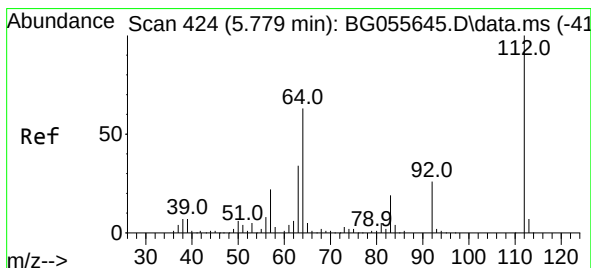
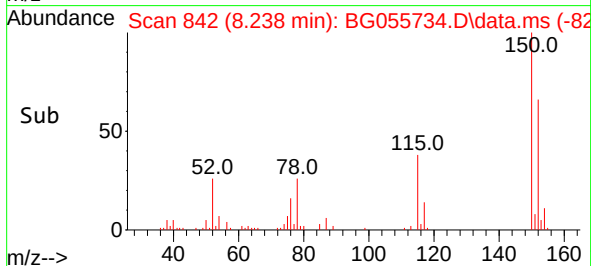
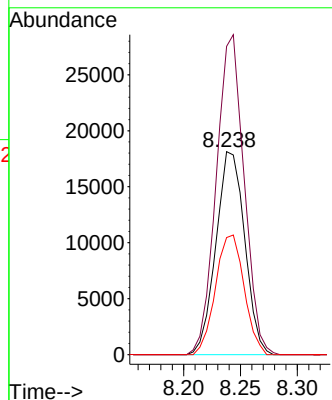
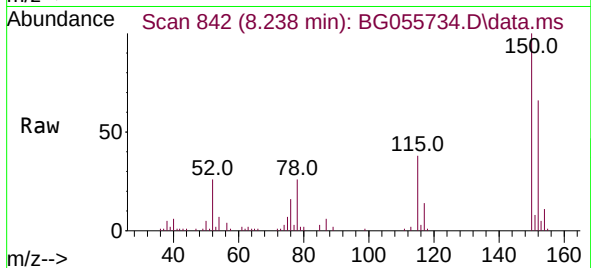




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.238 min Scan# 84
Delta R.T. -0.008 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

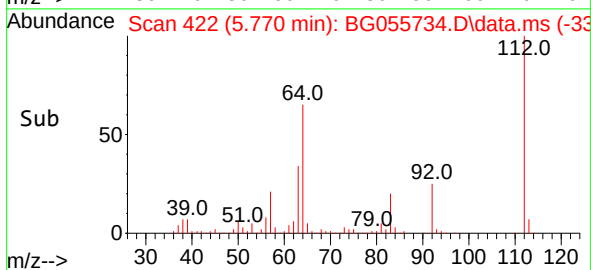
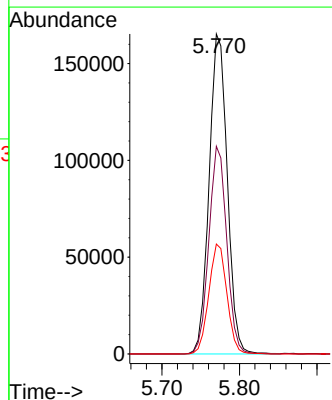
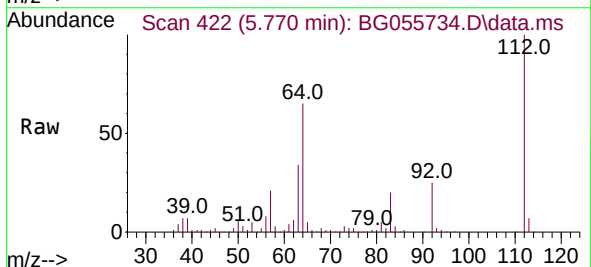
Instrument :
BNA_G
ClientSampleId :
PB149150BL

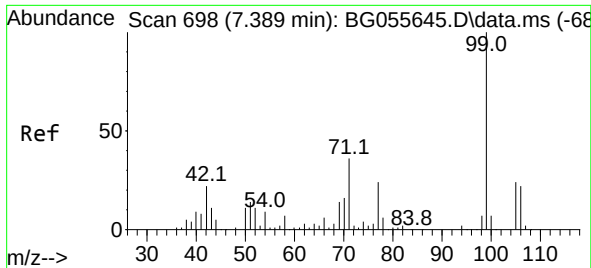
Tgt Ion:152 Resp: 31836
Ion Ratio Lower Upper
152 100
150 151.9 123.0 184.6
115 57.7 47.0 70.4



#5
2-Fluorophenol
Concen: 152.669 ng
RT: 5.770 min Scan# 422
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:112 Resp: 268898
Ion Ratio Lower Upper
112 100
64 64.9 50.6 76.0
63 34.4 27.5 41.3

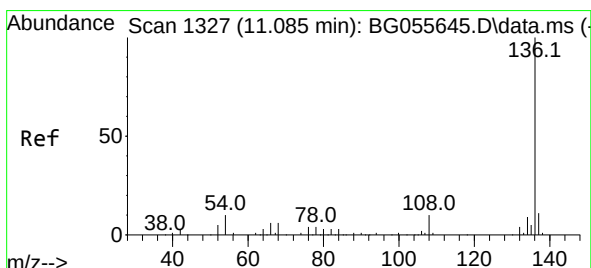
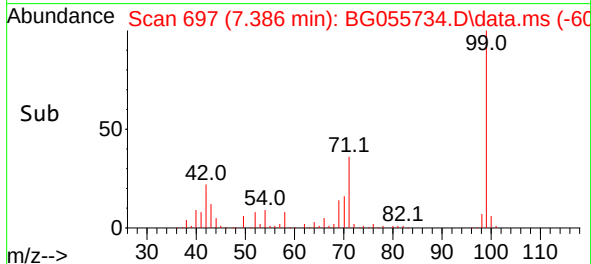
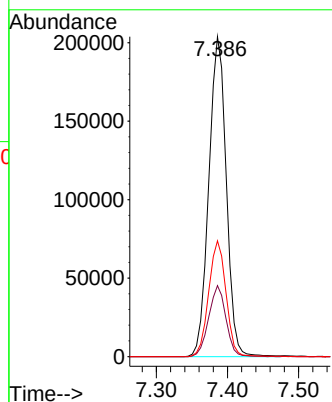
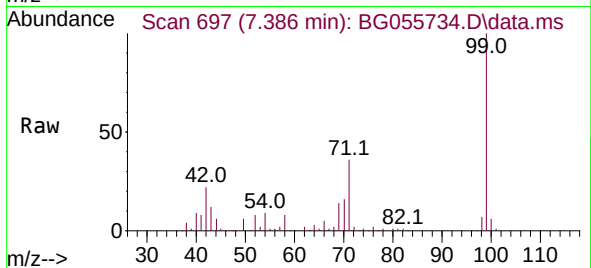




#7
Phenol-d6
Concen: 148.054 ng
RT: 7.386 min Scan# 69
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

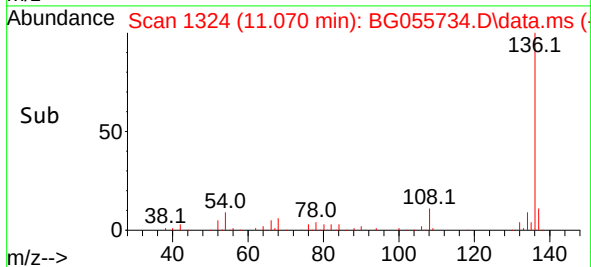
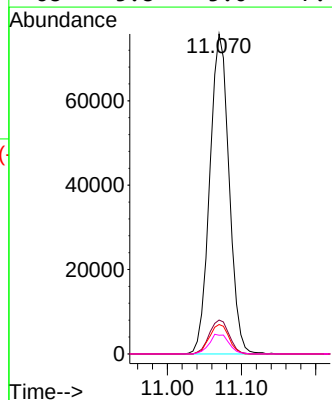
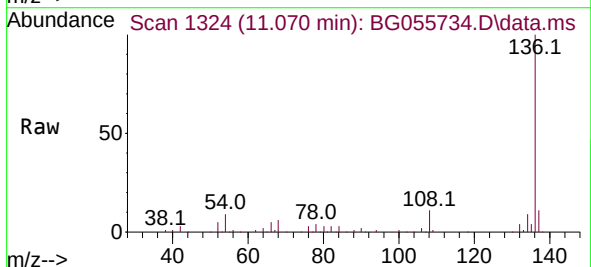
Instrument :
BNA_G
ClientSampleId :
PB149150BL

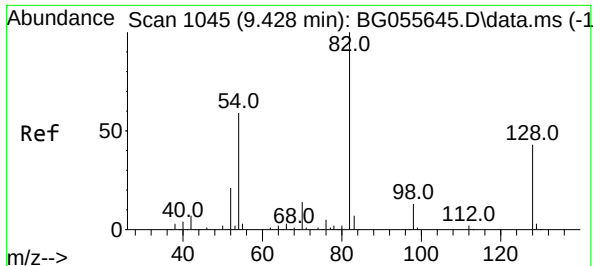
Tgt Ion: 99 Resp: 347125
Ion Ratio Lower Upper
99 100
42 22.2 18.0 27.0
71 36.2 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.070 min Scan# 1324
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:136 Resp: 136949
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.2 7.8 11.6
68 5.8 5.0 7.4





#23

Nitrobenzene-d5

Concen: 83.226 ng

RT: 9.413 min Scan# 1042

Delta R.T. -0.002 min

Lab File: BG055734.D

Acq: 22 Nov 2022 10:47

Instrument :

BNA_G

ClientSampleId :

PB149150BL

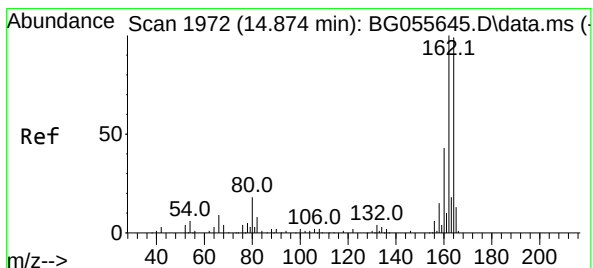
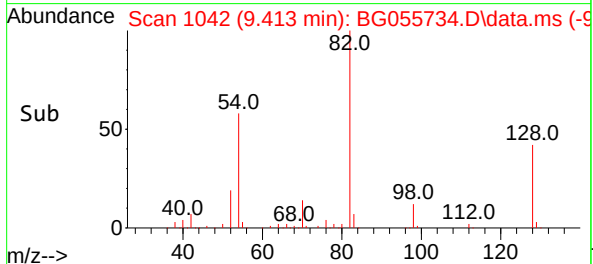
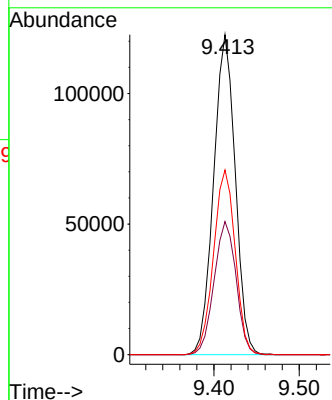
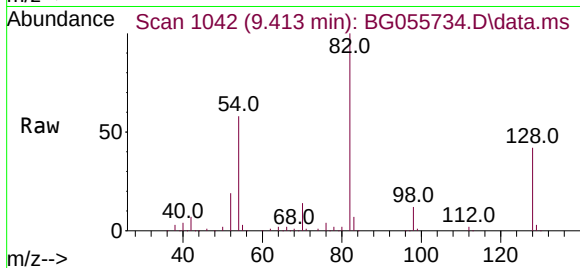
Tgt Ion: 82 Resp: 215643

Ion Ratio Lower Upper

82 100

128 41.6 34.1 51.1

54 57.7 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.865 min Scan# 1970

Delta R.T. -0.002 min

Lab File: BG055734.D

Acq: 22 Nov 2022 10:47

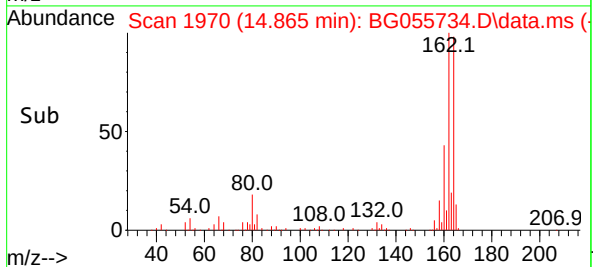
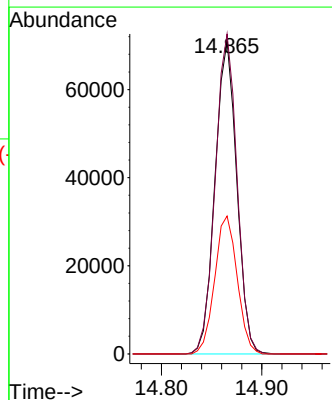
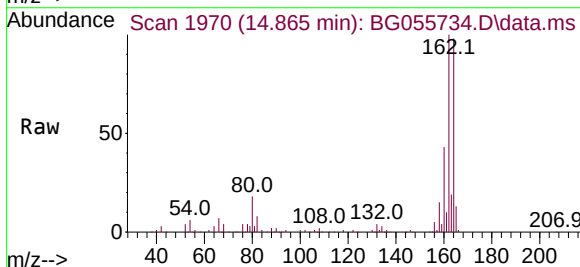
Tgt Ion: 164 Resp: 106807

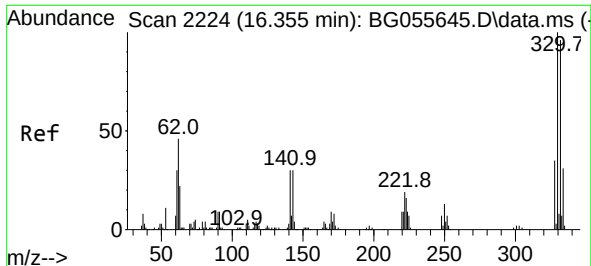
Ion Ratio Lower Upper

164 100

162 102.4 81.1 121.7

160 44.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 142.429 ng

RT: 16.346 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG055734.D

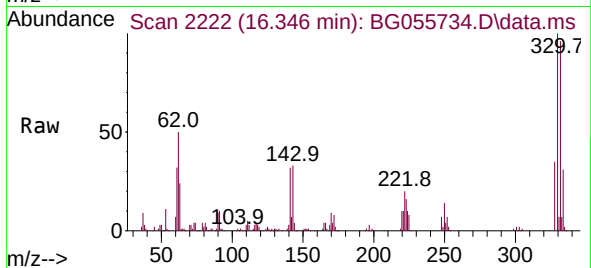
Acq: 22 Nov 2022 10:47

Instrument :

BNA_G

ClientSampleId :

PB149150BL



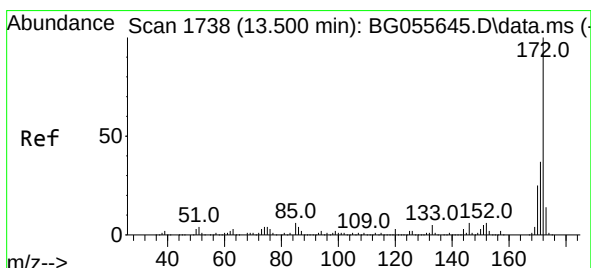
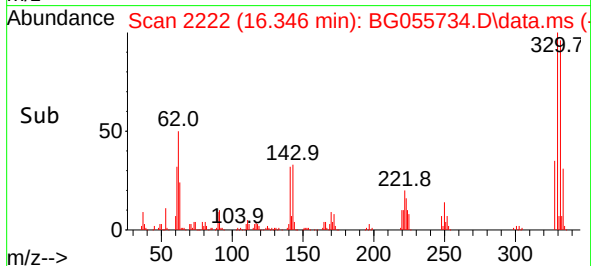
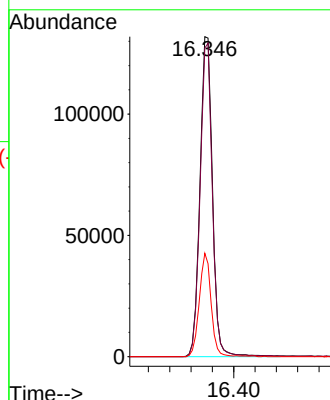
Tgt Ion:330 Resp: 214210

Ion Ratio Lower Upper

330 100

332 95.8 77.8 116.8

141 30.6 23.9 35.9



#45

2-Fluorobiphenyl

Concen: 80.951 ng

RT: 13.490 min Scan# 1736

Delta R.T. -0.002 min

Lab File: BG055734.D

Acq: 22 Nov 2022 10:47

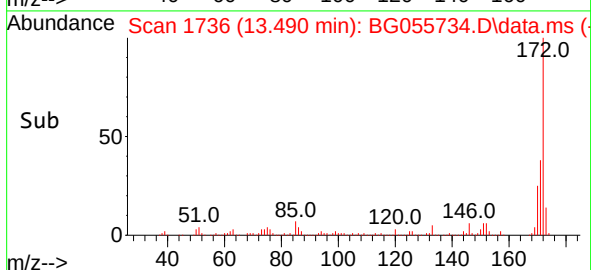
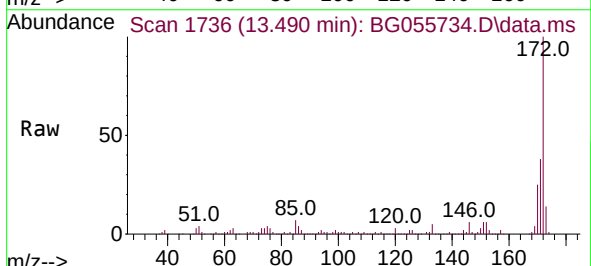
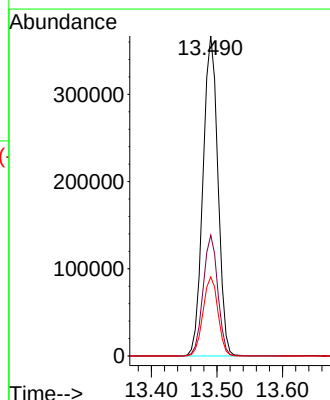
Tgt Ion:172 Resp: 577128

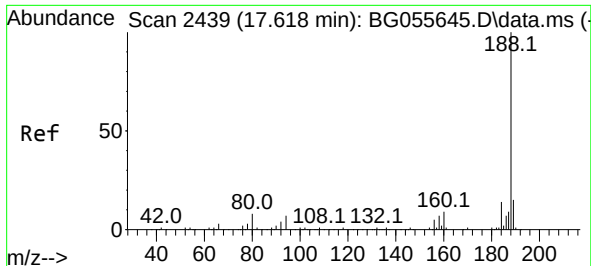
Ion Ratio Lower Upper

172 100

171 37.7 29.8 44.6

170 24.7 20.2 30.4

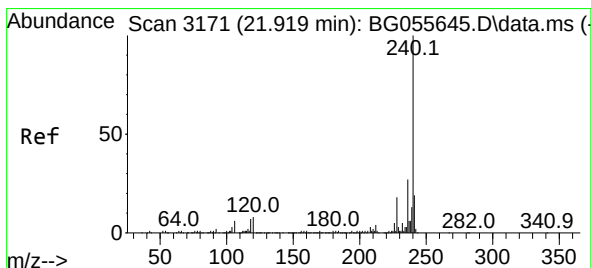
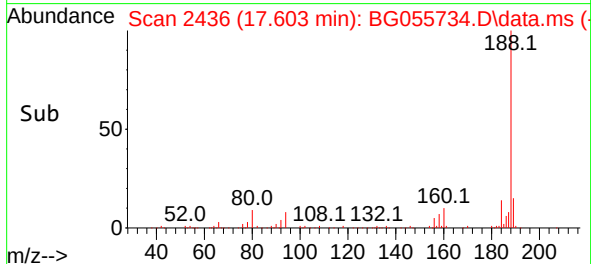
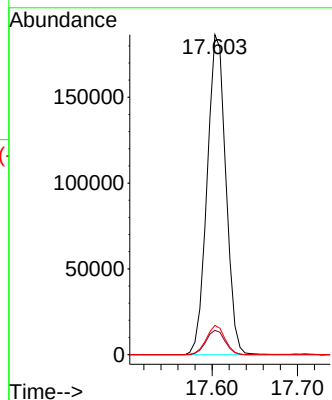
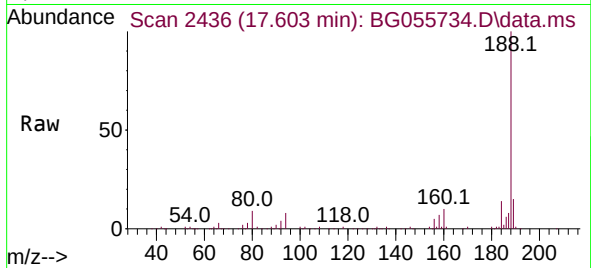




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.603 min Scan# 2436
Delta R.T. -0.002 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

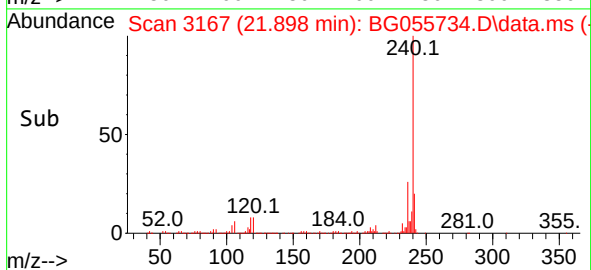
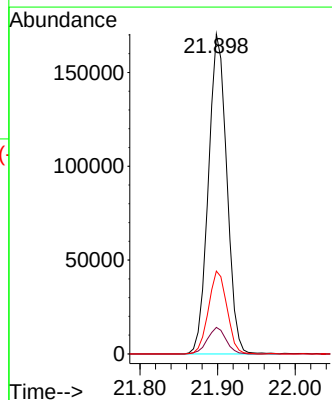
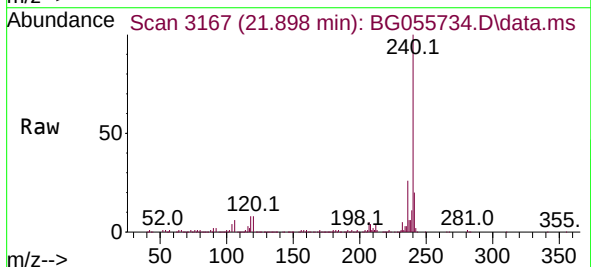
Instrument :
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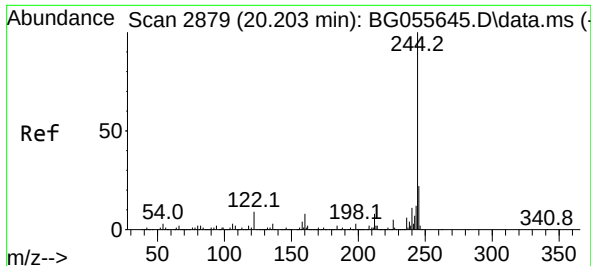
Tgt Ion:188 Resp: 283978
Ion Ratio Lower Upper
188 100
94 7.6 5.4 8.2
80 9.1 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.898 min Scan# 3167
Delta R.T. -0.008 min
Lab File: BG055734.D
Acq: 22 Nov 2022 10:47

Tgt Ion:240 Resp: 281380
Ion Ratio Lower Upper
240 100
120 8.3 6.3 9.5
236 25.9 21.9 32.9

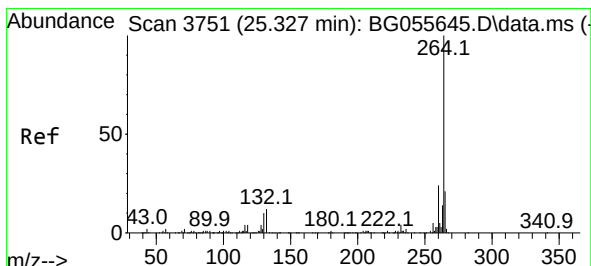
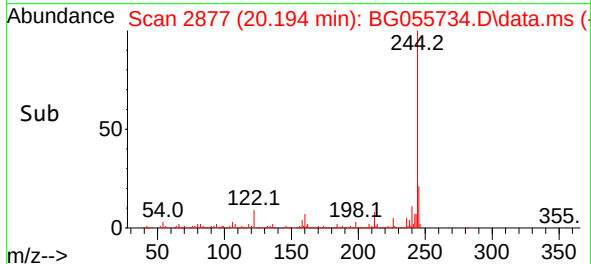
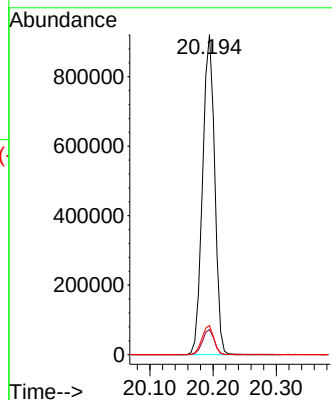
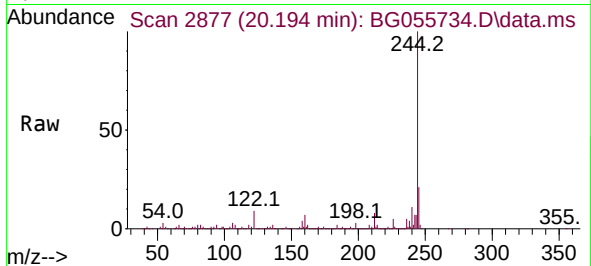




#79
 Terphenyl-d14
 Concen: 86.980 ng
 RT: 20.194 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG055734.D
 Acq: 22 Nov 2022 10:47

Instrument :
 BNA_G
 ClientSampleId :
 PB149150BL

Tgt Ion:244 Resp: 1223639
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 9.1 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.300 min Scan# 3746
 Delta R.T. -0.002 min
 Lab File: BG055734.D
 Acq: 22 Nov 2022 10:47

Tgt Ion:264 Resp: 295829
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.8 17.1 25.7

