

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061523\
 Data File : BG057731.D
 Acq On : 15 Jun 2023 19:34
 Operator : CG/JU
 Sample : 03214-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HYATT-PIPE-TP

Quant Time: Jun 16 01:10:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:28:07 2023
 Response via : Initial Calibration

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

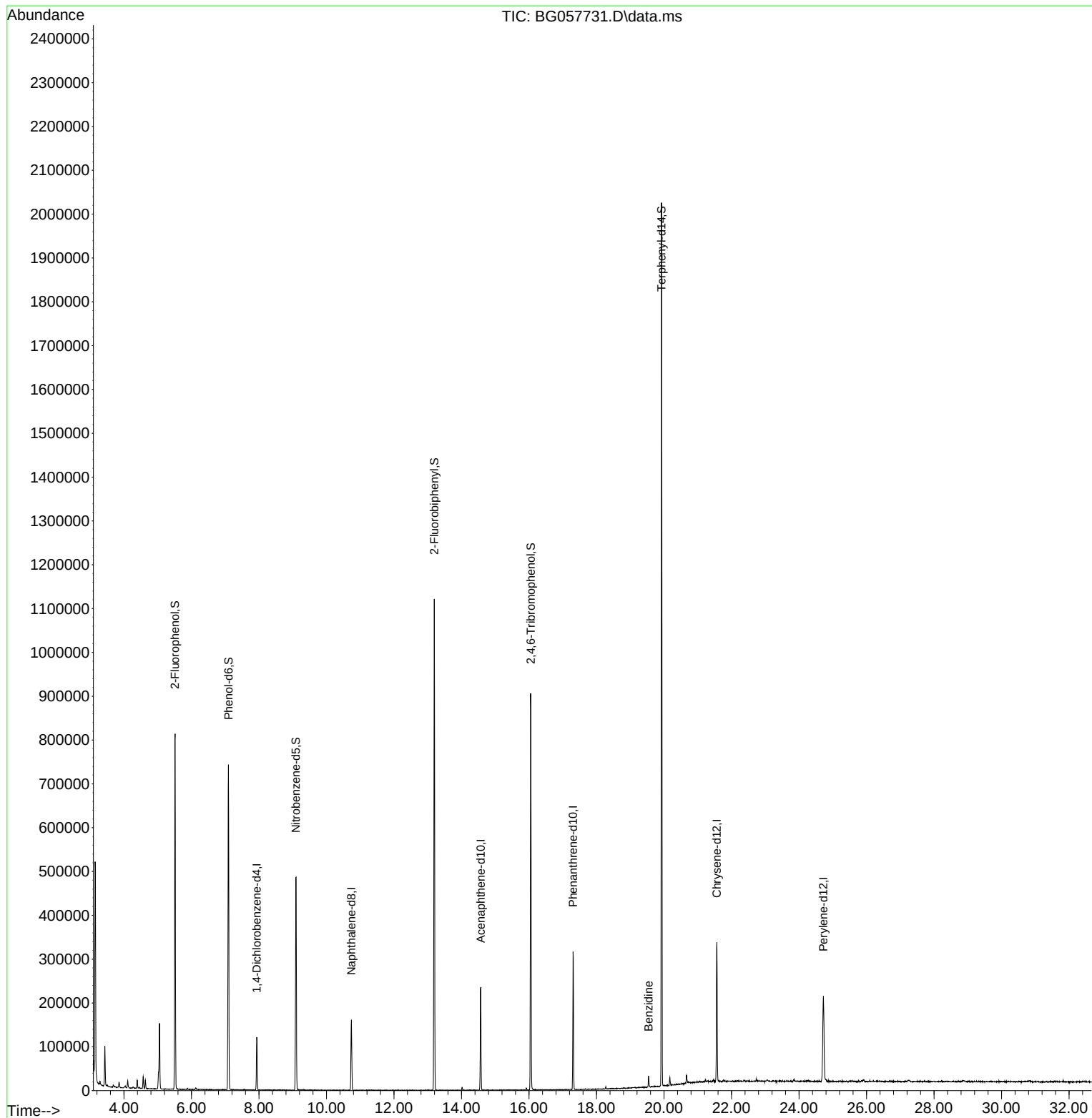
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	32337	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	131118	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	83059	20.000	ng	0.00
64) Phenanthrene-d10	17.307	188	196748	20.000	ng	-0.01
76) Chrysene-d12	21.567	240	181733	20.000	ng	0.00
86) Perylene-d12	24.722	264	210523	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.515	112	338830	170.614	ng	0.00
7) Phenol-d6	7.095	99	425005	139.305	ng	0.00
23) Nitrobenzene-d5	9.093	82	285291	126.524	ng	0.00
42) 2,4,6-Tribromophenol	16.055	330	178042	192.134	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	599961	107.671	ng	0.00
79) Terphenyl-d14	19.927	244	1026458	104.427	ng	0.00
Target Compounds						
77) Benzidine	19.546	184	17801	4.109	ng	Qvalue 99

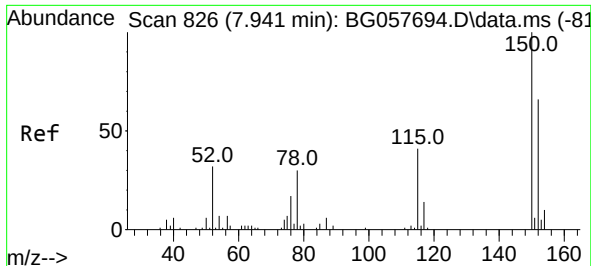
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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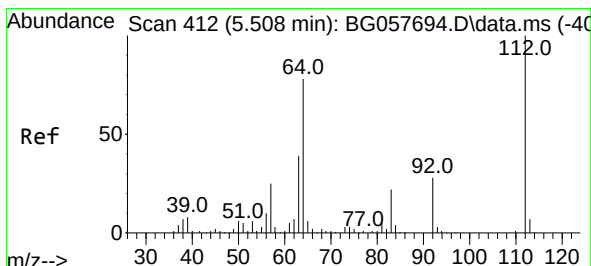
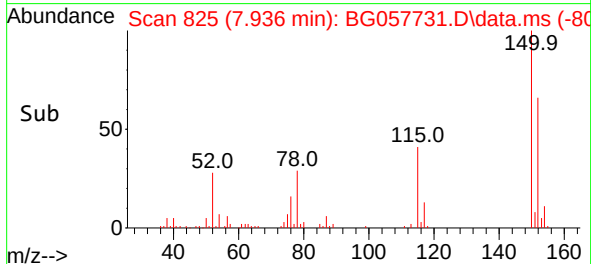
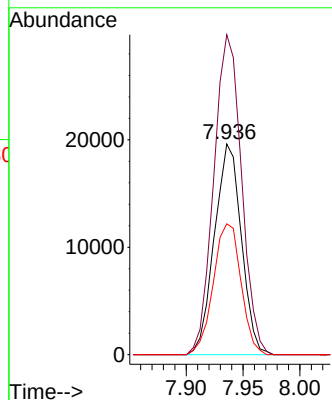
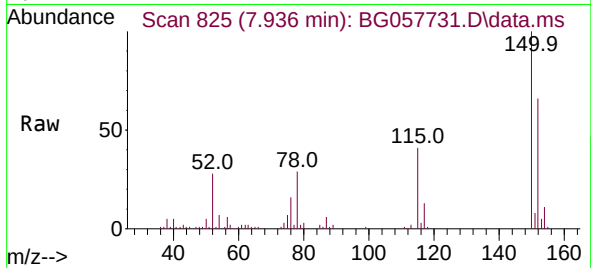




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

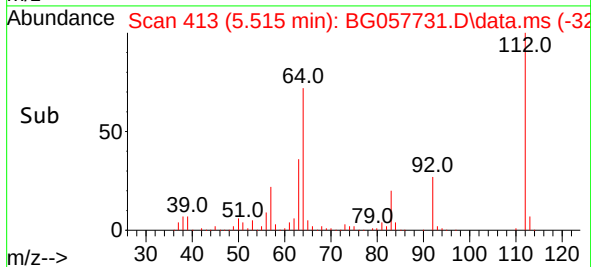
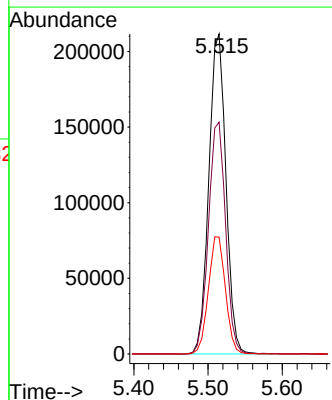
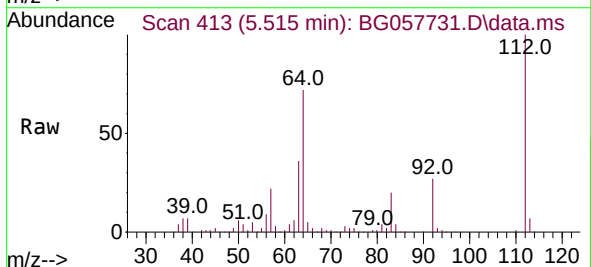
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

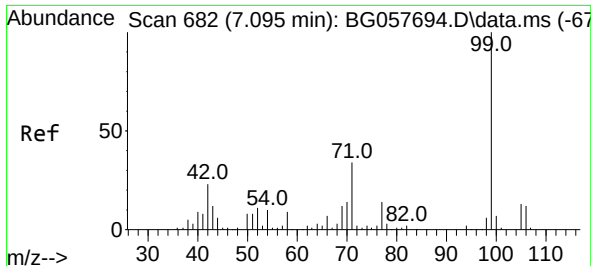
Tgt Ion:152 Resp: 32337
Ion Ratio Lower Upper
152 100
150 151.9 120.8 181.2
115 62.1 49.4 74.2



#5
2-Fluorophenol
Concen: 170.614 ng
RT: 5.515 min Scan# 413
Delta R.T. 0.005 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:112 Resp: 338830
Ion Ratio Lower Upper
112 100
64 72.4 62.3 93.5
63 36.5 31.5 47.3

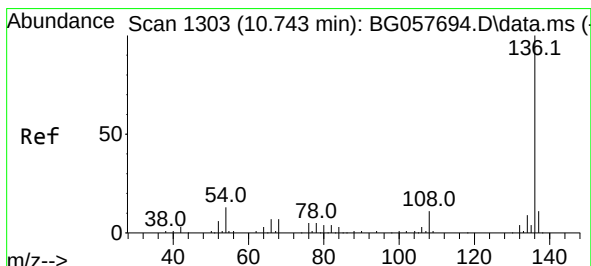
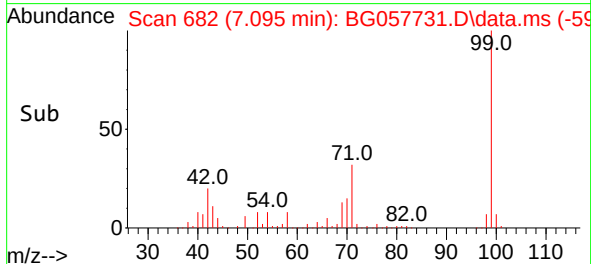
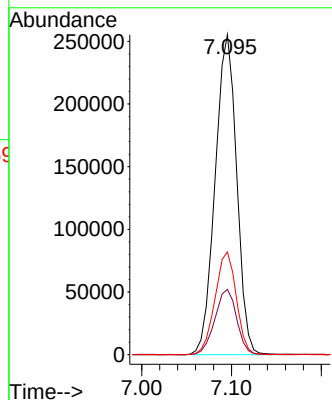
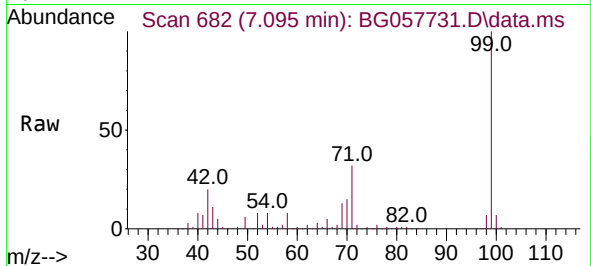




#7
Phenol-d6
Concen: 139.305 ng
RT: 7.095 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

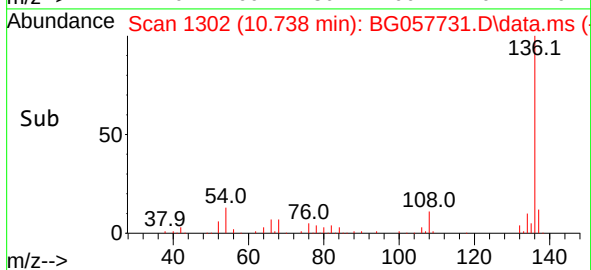
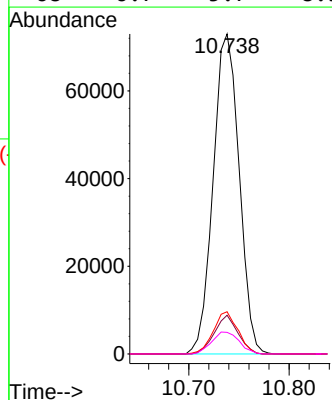
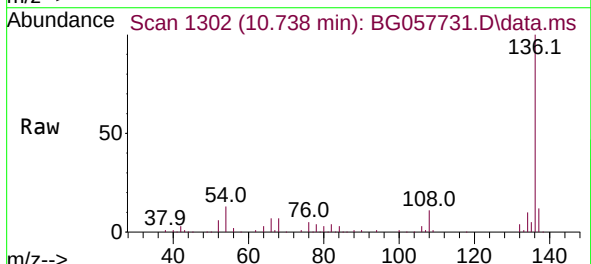
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

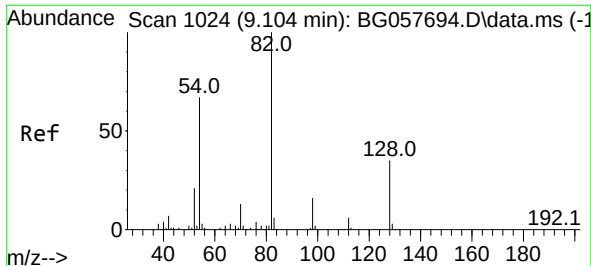
Tgt Ion: 99 Resp: 425005
Ion Ratio Lower Upper
99 100
42 20.4 18.3 27.5
71 32.1 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion: 136 Resp: 131118
Ion Ratio Lower Upper
136 100
137 12.1 8.6 13.0
54 13.2 10.8 16.2
68 6.7 5.7 8.5

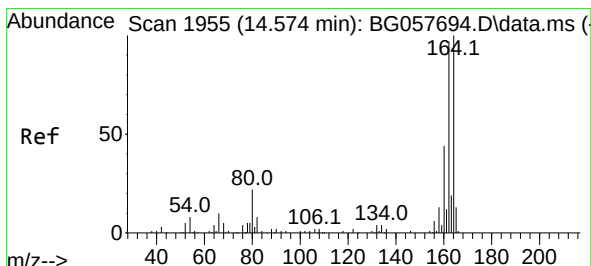
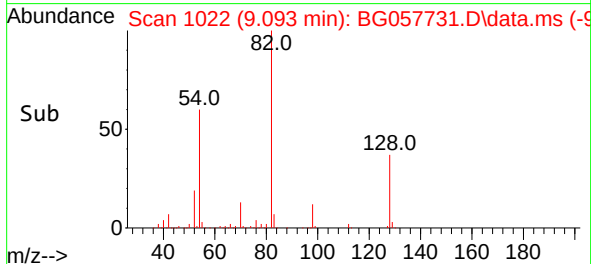
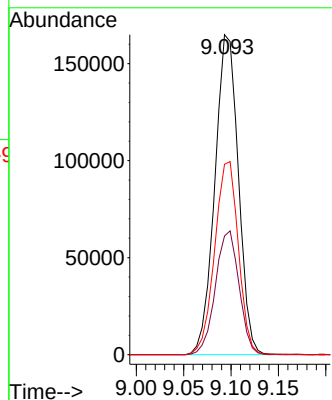
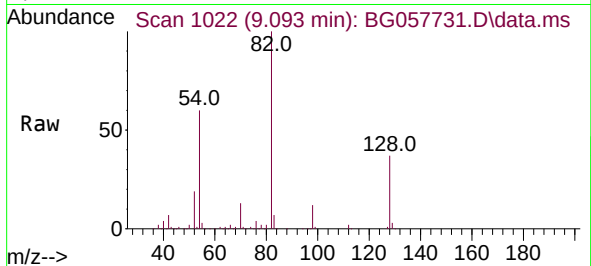




#23
Nitrobenzene-d5
Concen: 126.524 ng
RT: 9.093 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

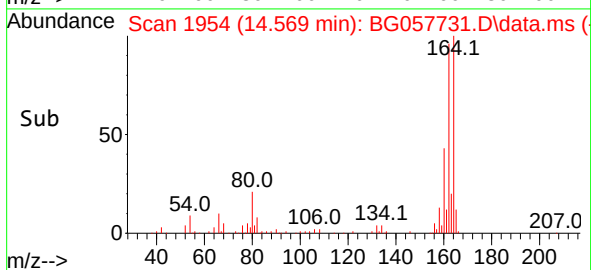
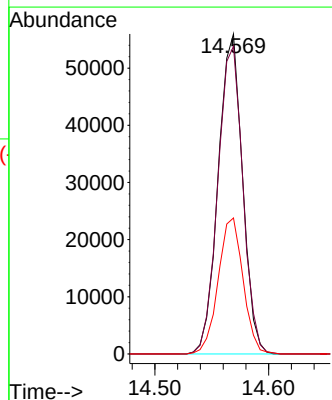
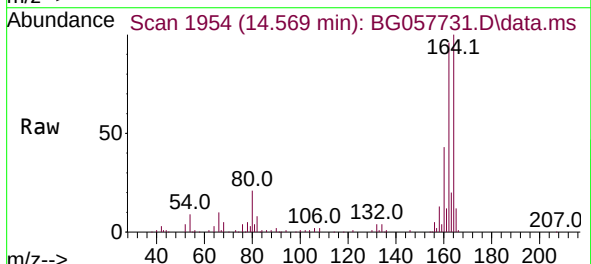
Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

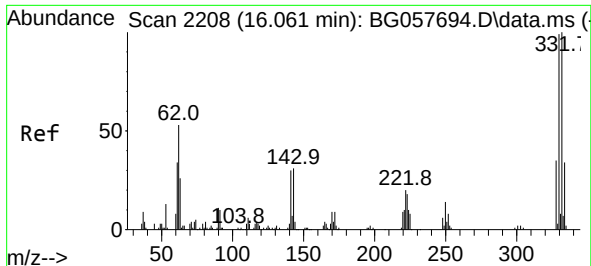
Tgt Ion: 82 Resp: 285291
Ion Ratio Lower Upper
82 100
128 37.1 27.7 41.5
54 59.5 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1954
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:164 Resp: 83059
Ion Ratio Lower Upper
164 100
162 96.1 77.7 116.5
160 42.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 192.134 ng

RT: 16.055 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

HYATT-PIPE-TP

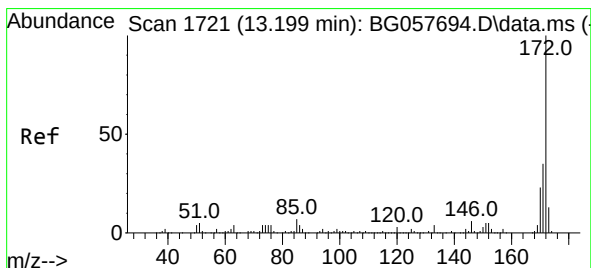
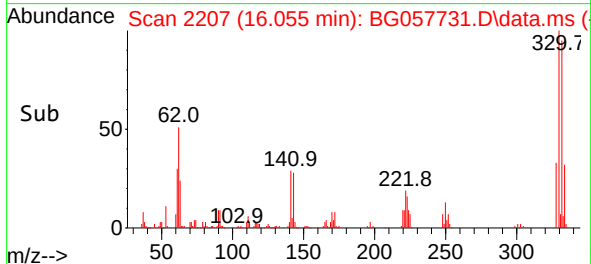
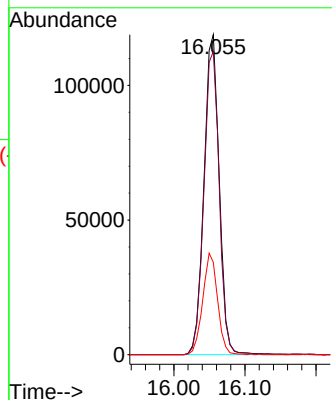
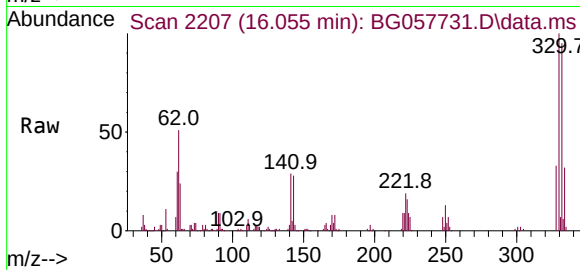
Tgt Ion:330 Resp: 178042

Ion Ratio Lower Upper

330 100

332 95.3 79.0 118.6

141 30.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 107.671 ng

RT: 13.194 min Scan# 1720

Delta R.T. -0.007 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

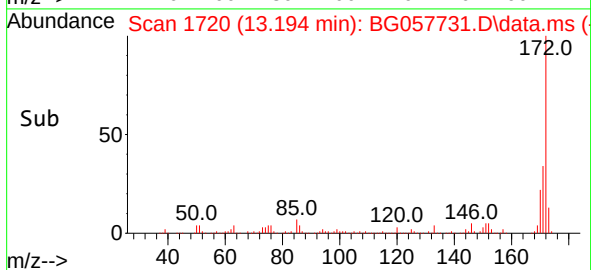
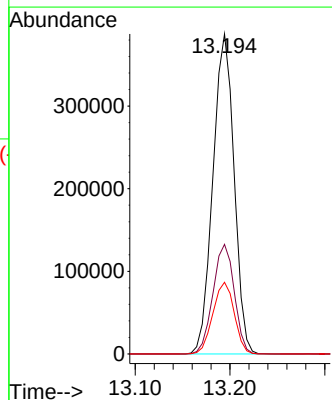
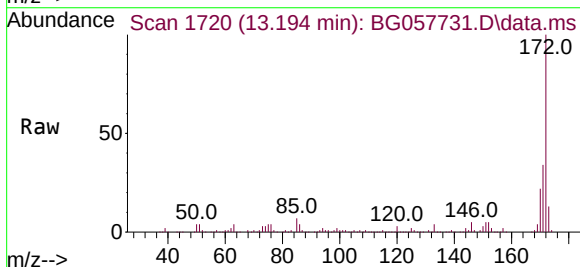
Tgt Ion:172 Resp: 599961

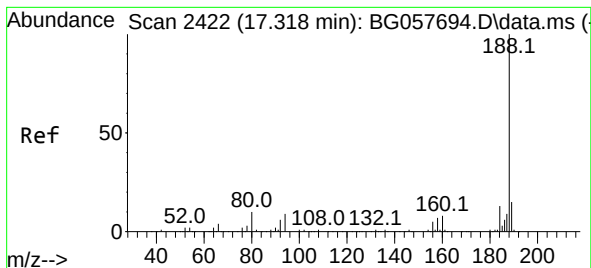
Ion Ratio Lower Upper

172 100

171 34.3 27.9 41.9

170 22.4 18.2 27.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.307 min Scan# 2422

Delta R.T. -0.012 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

Instrument :

BNA_G

ClientSampleId :

HYATT-PIPE-TP

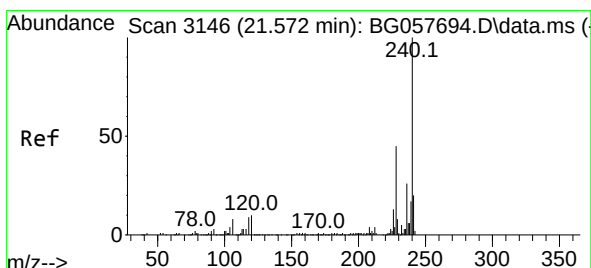
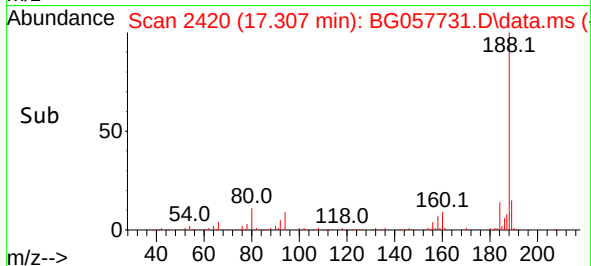
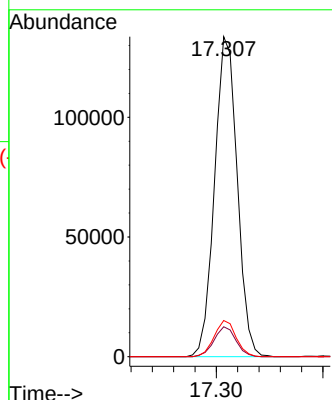
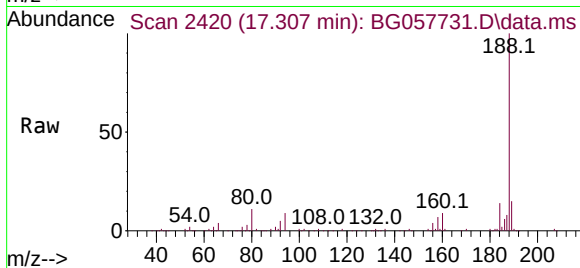
Tgt Ion:188 Resp: 196748

Ion Ratio Lower Upper

188 100

94 9.3 6.9 10.3

80 11.3 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3145

Delta R.T. -0.007 min

Lab File: BG057731.D

Acq: 15 Jun 2023 19:34

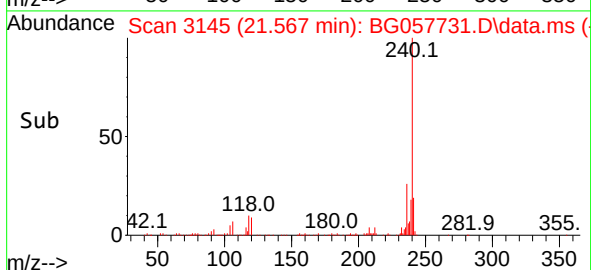
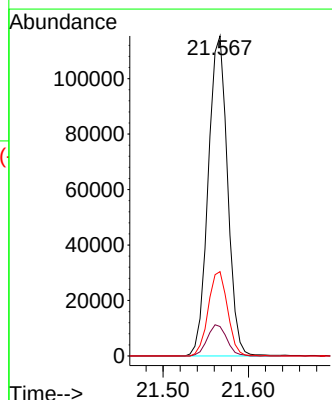
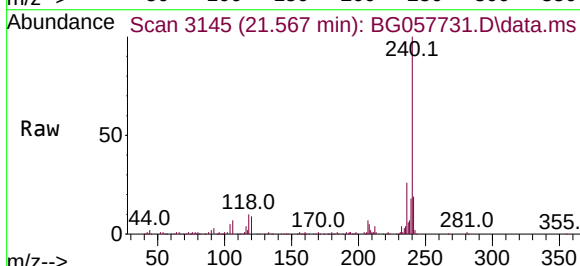
Tgt Ion:240 Resp: 181733

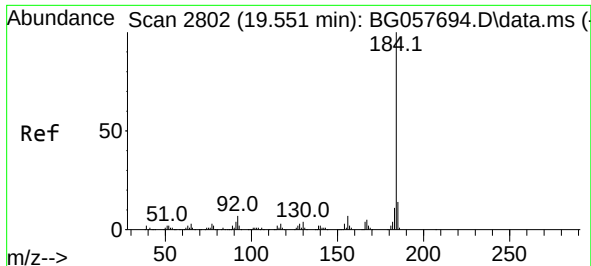
Ion Ratio Lower Upper

240 100

120 9.2 8.1 12.1

236 26.3 20.7 31.1

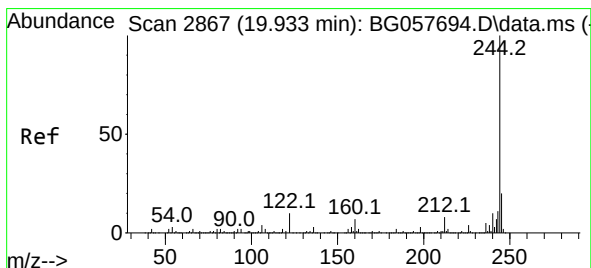
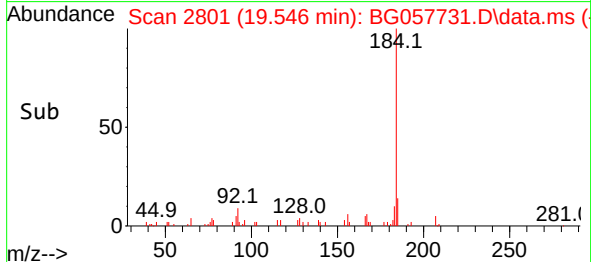
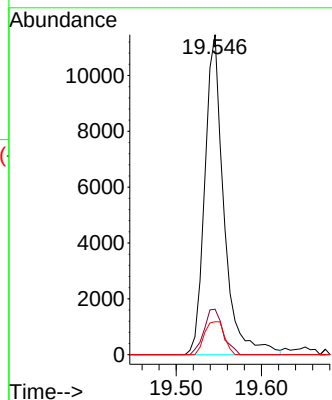
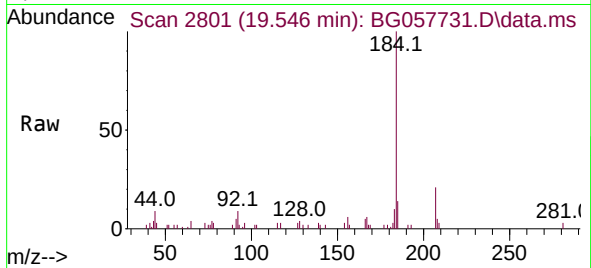




#77
Benzidine
Concen: 4.109 ng
RT: 19.546 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

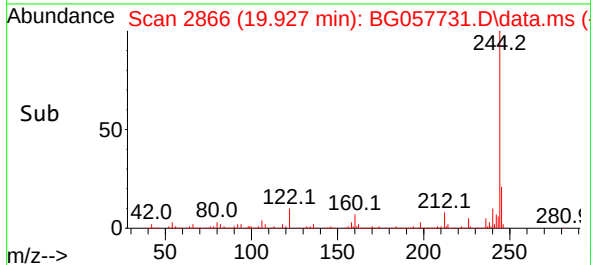
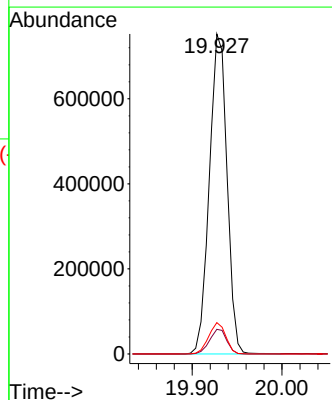
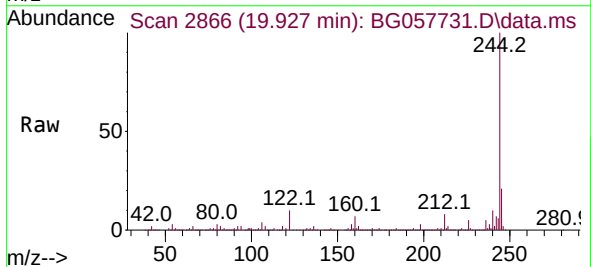
Instrument :
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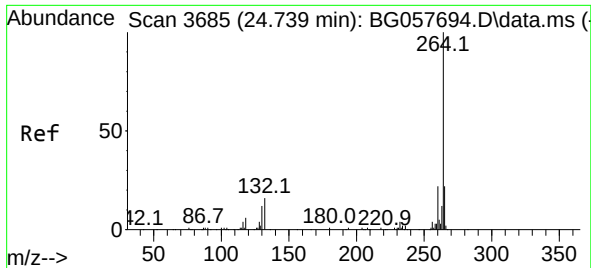
Tgt Ion:184 Resp: 17801
Ion Ratio Lower Upper
184 100
185 14.2 11.1 16.7
183 10.3 8.4 12.6



#79
Terphenyl-d14
Concen: 104.427 ng
RT: 19.927 min Scan# 2866
Delta R.T. -0.007 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Tgt Ion:244 Resp: 1026458
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 9.8 7.7 11.5





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.722 min Scan# 30
Delta R.T. -0.012 min
Lab File: BG057731.D
Acq: 15 Jun 2023 19:34

Instrument :
BNA_G
ClientSampleId :
HYATT-PIPE-TP

Tgt Ion:264 Resp: 210523
Ion Ratio Lower Upper
264 100
260 22.8 17.3 25.9
265 21.7 17.5 26.3

