

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
 Data File : BG057739.D
 Acq On : 16 Jun 2023 18:01
 Operator : CG/JU
 Sample : PB153314BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153314BL

Quant Time: Jun 17 03:57:35 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	7.935	152	26798	20.000	ng	0.00
21) Naphthalene-d8	10.731	136	119025	20.000	ng	-0.01
39) Acenaphthene-d10	14.562	164	86456	20.000	ng	-0.01
64) Phenanthrene-d10	17.306	188	228702	20.000	ng	-0.01
76) Chrysene-d12	21.560	240	221701	20.000	ng	-0.01
86) Perylene-d12	24.715	264	258166	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.502	112	279878	170.059	ng	0.00
7) Phenol-d6	7.089	99	395055	156.253	ng	0.00
23) Nitrobenzene-d5	9.092	82	222997	110.963	ng	0.00
42) 2,4,6-Tribromophenol	16.049	330	173797	180.184	ng	-0.01
45) 2-Fluorobiphenyl	13.187	172	546054	94.146	ng	-0.01
79) Terphenyl-d14	19.927	244	1121434	93.521	ng	0.00

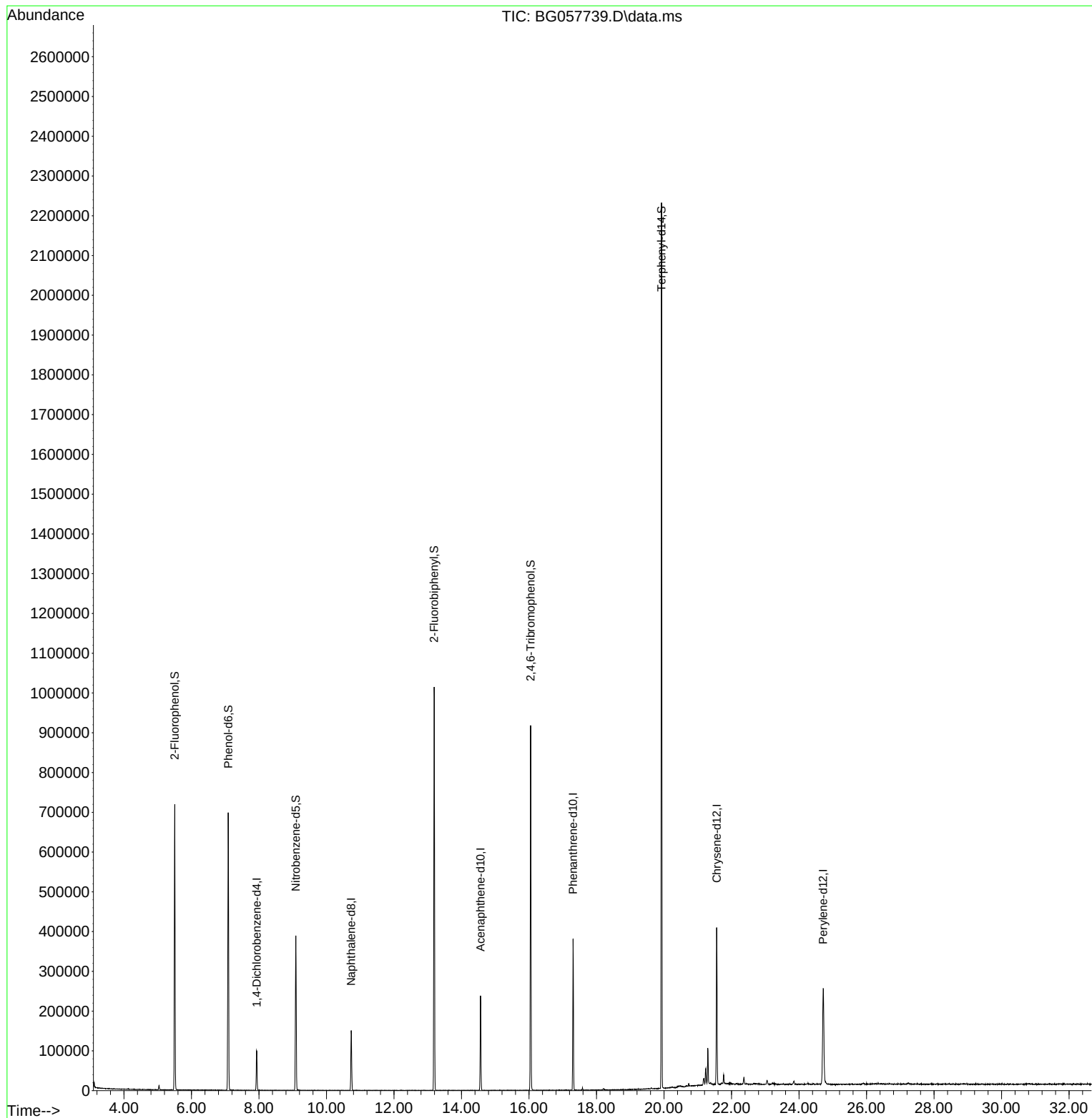
Target Compounds	Qvalue

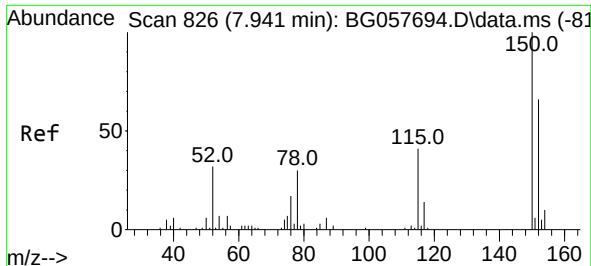
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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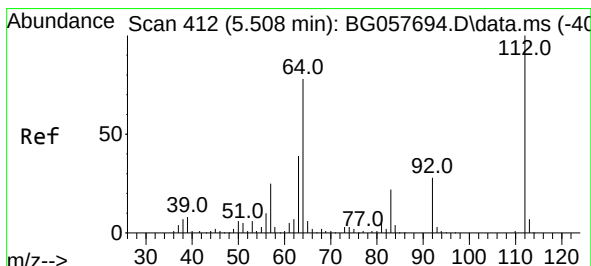
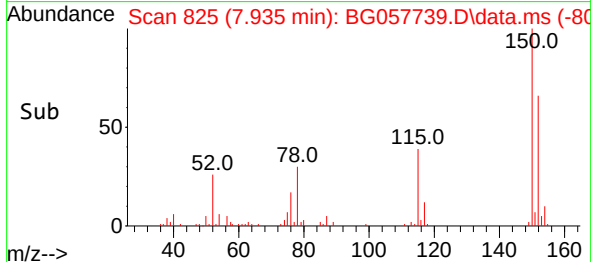
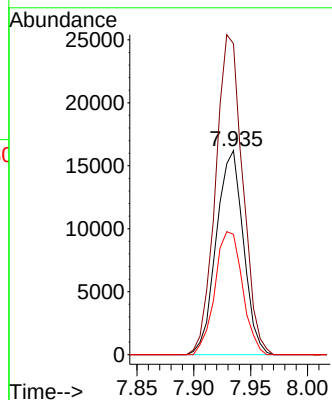
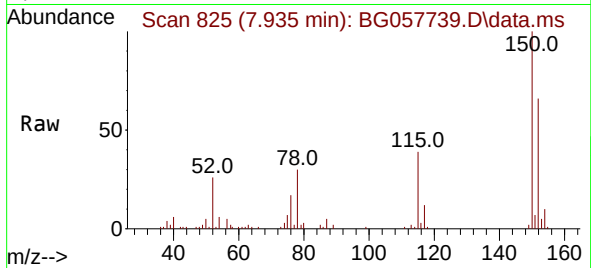




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

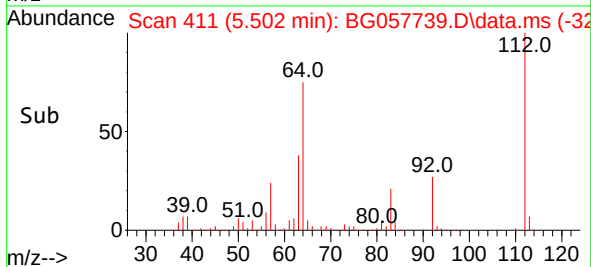
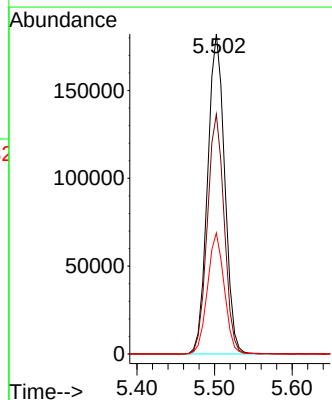
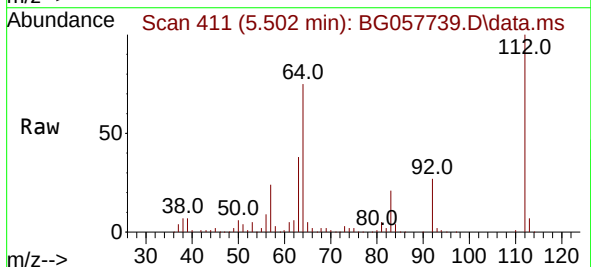
Instrument :
BNA_G
ClientSampleId :
PB153314BL

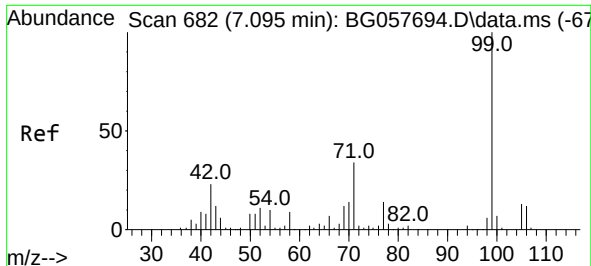
Tgt Ion:152 Resp: 26798
Ion Ratio Lower Upper
152 100
150 152.3 120.8 181.2
115 59.0 49.4 74.2



#5
2-Fluorophenol
Concen: 170.059 ng
RT: 5.502 min Scan# 411
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:112 Resp: 279878
Ion Ratio Lower Upper
112 100
64 74.9 62.3 93.5
63 37.8 31.5 47.3

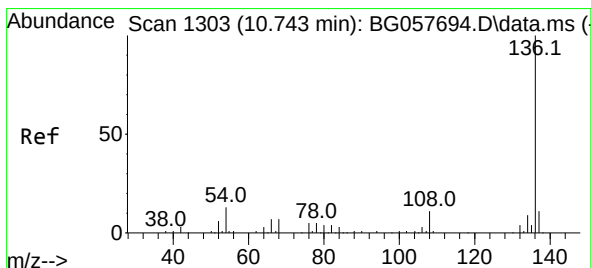
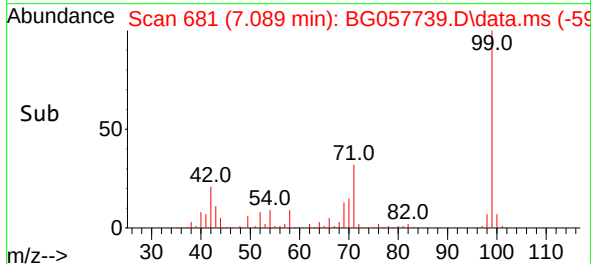
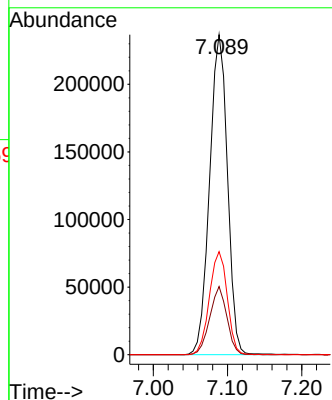
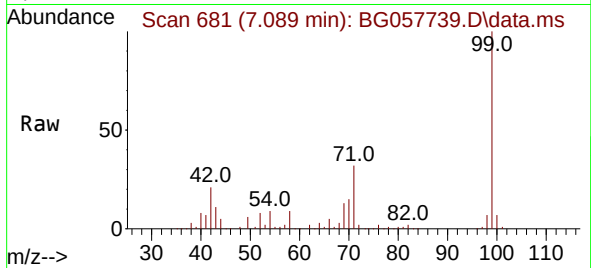




#7
Phenol-d6
Concen: 156.253 ng
RT: 7.089 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

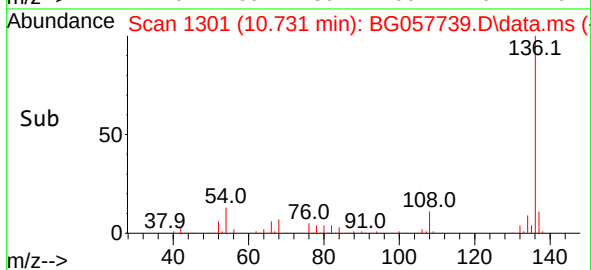
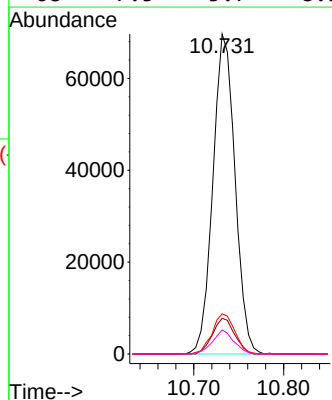
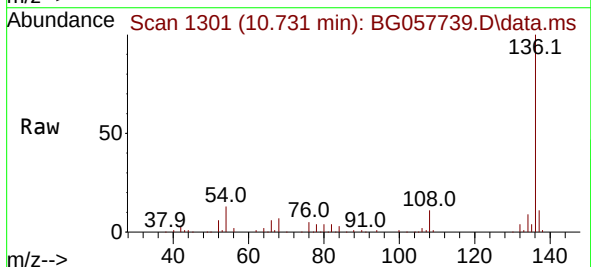
Instrument :
BNA_G
ClientSampleId :
PB153314BL

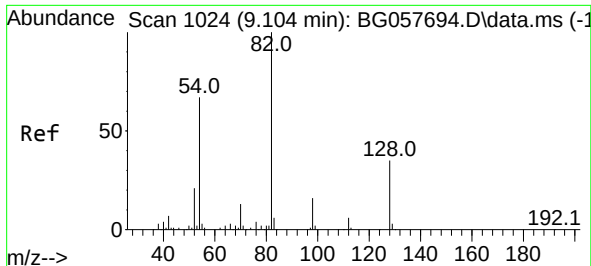
Tgt Ion: 99 Resp: 395055
Ion Ratio Lower Upper
99 100
42 21.3 18.3 27.5
71 32.2 27.5 41.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1301
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion: 136 Resp: 119025
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 12.5 10.8 16.2
68 7.5 5.7 8.5

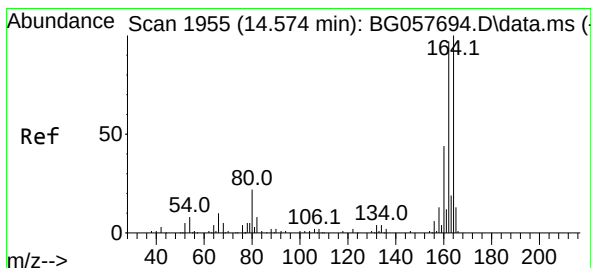
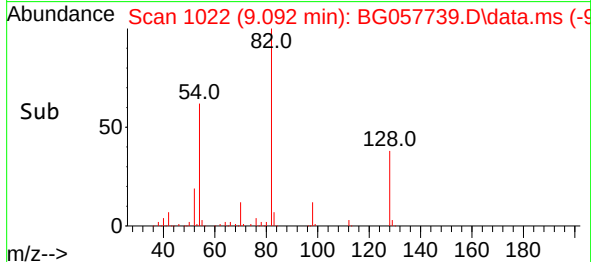
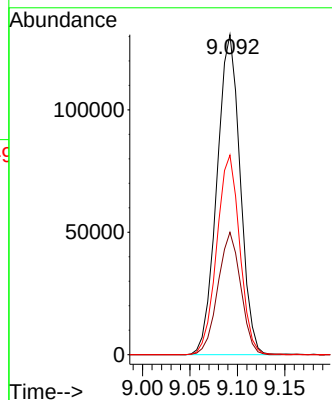
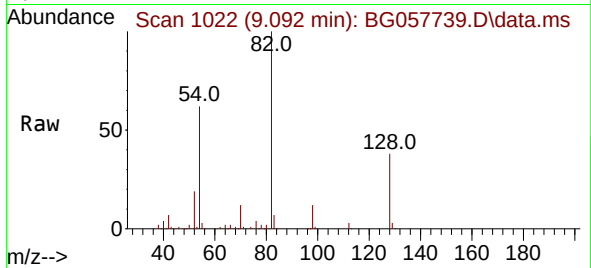




#23
Nitrobenzene-d5
Concen: 110.963 ng
RT: 9.092 min Scan# 1022
Delta R.T. -0.007 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

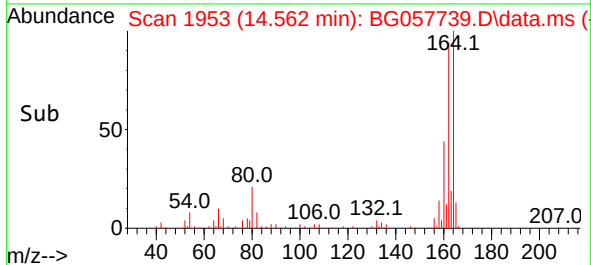
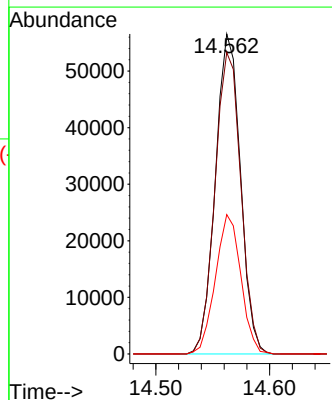
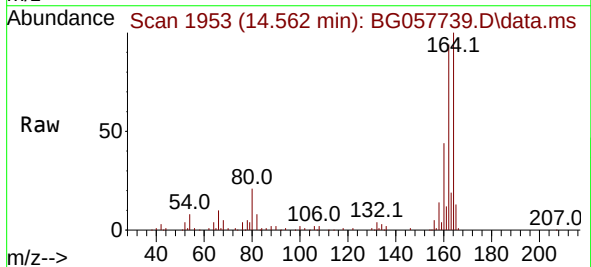
Instrument :
BNA_G
ClientSampleId :
PB153314BL

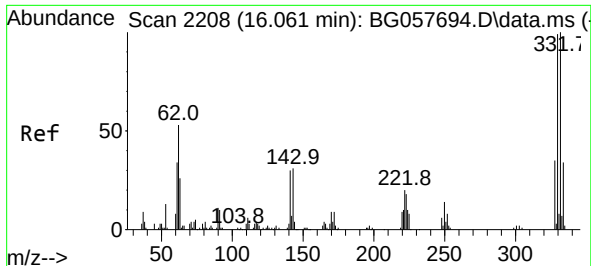
Tgt Ion: 82 Resp: 222997
Ion Ratio Lower Upper
82 100
128 38.2 27.7 41.5
54 62.3 53.8 80.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.562 min Scan# 1953
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion: 164 Resp: 86456
Ion Ratio Lower Upper
164 100
162 94.2 77.7 116.5
160 43.5 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 180.184 ng

RT: 16.049 min Scan# 21

Delta R.T. -0.013 min

Lab File: BG057739.D

Acq: 16 Jun 2023 18:01

Instrument :

BNA_G

ClientSampleId :

PB153314BL

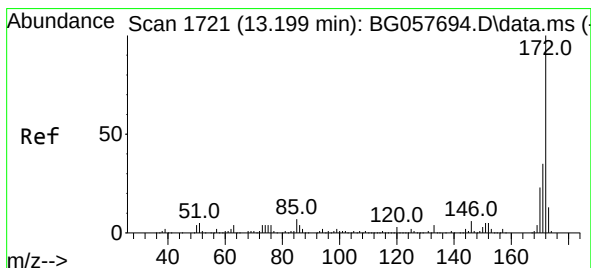
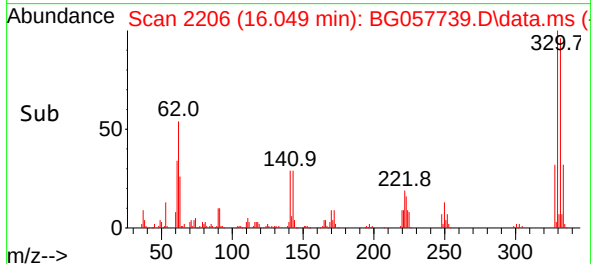
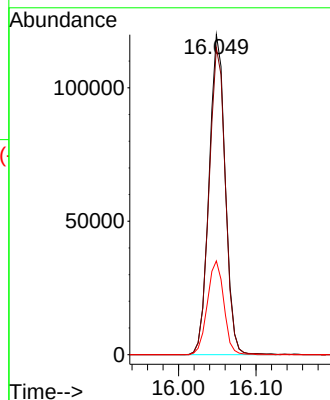
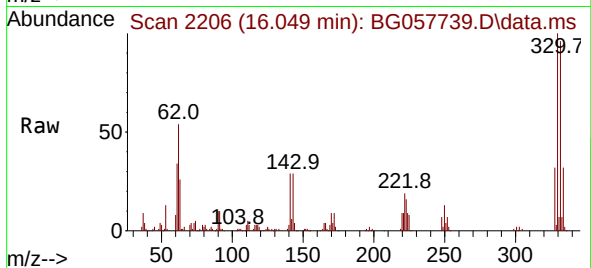
Tgt Ion:330 Resp: 173797

Ion Ratio Lower Upper

330 100

332 96.9 79.0 118.6

141 29.8 25.0 37.6



#45

2-Fluorobiphenyl

Concen: 94.146 ng

RT: 13.187 min Scan# 1719

Delta R.T. -0.013 min

Lab File: BG057739.D

Acq: 16 Jun 2023 18:01

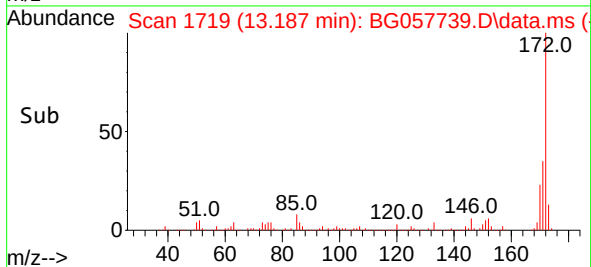
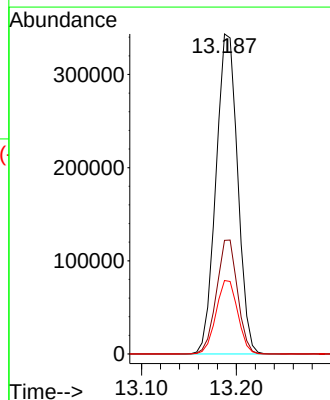
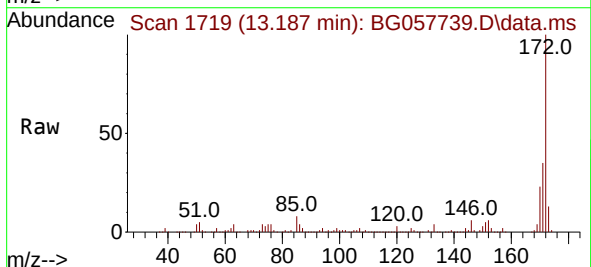
Tgt Ion:172 Resp: 546054

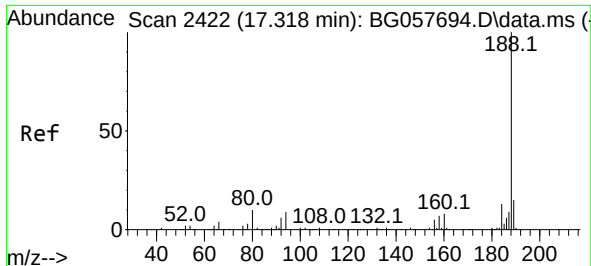
Ion Ratio Lower Upper

172 100

171 35.5 27.9 41.9

170 22.9 18.2 27.4

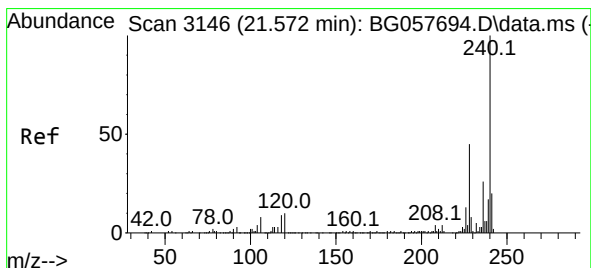
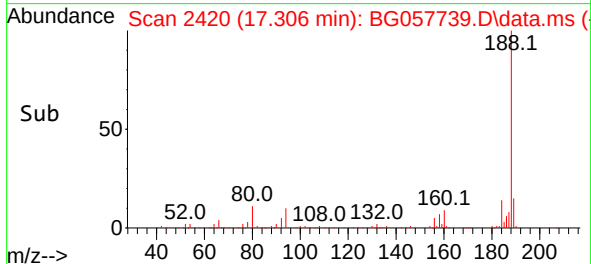
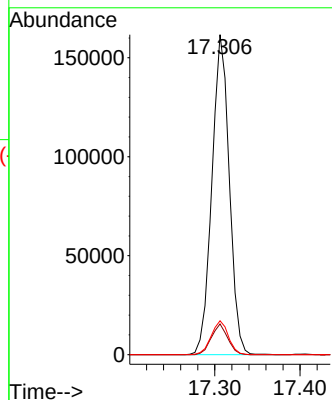
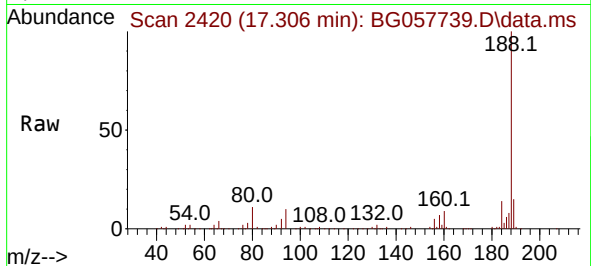




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 24
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

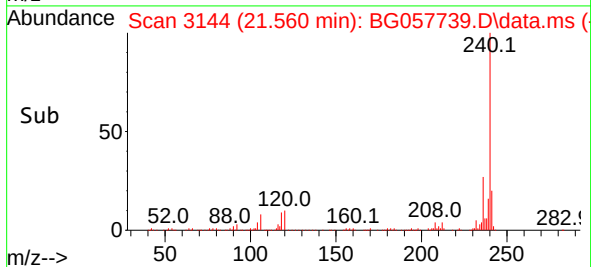
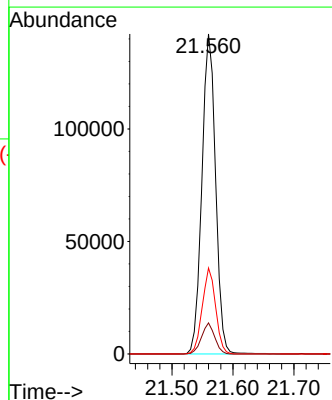
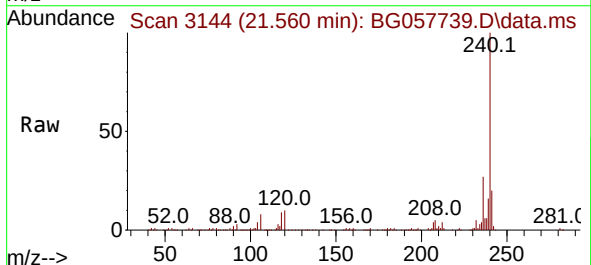
Instrument :
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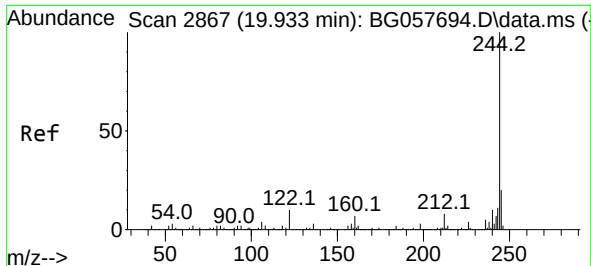
Tgt Ion:188 Resp: 228702
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 10.6 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.560 min Scan# 3144
Delta R.T. -0.013 min
Lab File: BG057739.D
Acq: 16 Jun 2023 18:01

Tgt Ion:240 Resp: 221701
Ion Ratio Lower Upper
240 100
120 9.7 8.1 12.1
236 26.9 20.7 31.1

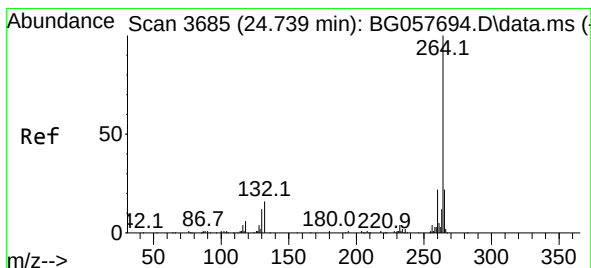
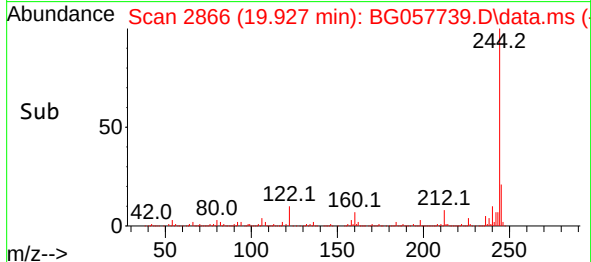
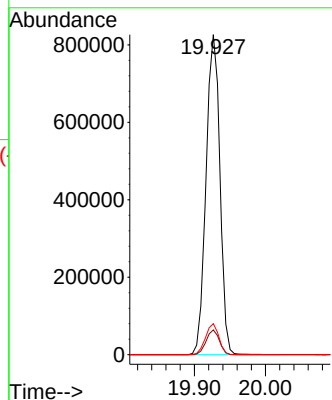
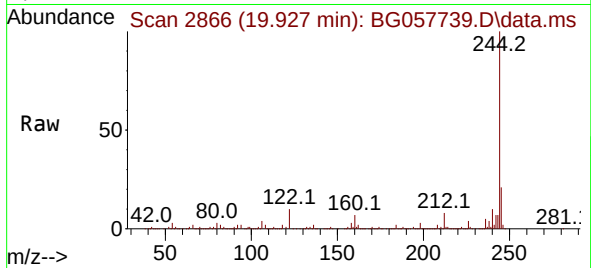




#79
 Terphenyl-d14
 Concen: 93.521 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG057739.D
 Acq: 16 Jun 2023 18:01

Instrument :
 BNA_G
 ClientSampleId :
 PB153314BL

Tgt Ion:244 Resp: 1121434
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 9.7 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.715 min Scan# 3681
 Delta R.T. -0.019 min
 Lab File: BG057739.D
 Acq: 16 Jun 2023 18:01

Tgt Ion:264 Resp: 258166
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.3 25.9
 265 21.7 17.5 26.3

