

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062123\
 Data File : BG057798.D
 Acq On : 22 Jun 2023 00:17
 Operator : CG/JU
 Sample : 03302-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Quant Time: Jun 22 04:55:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 03:40:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	25377	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	112393	20.000	ng	0.00
39) Acenaphthene-d10	14.553	164	82485	20.000	ng	0.00
64) Phenanthrene-d10	17.297	188	227080	20.000	ng	0.00
76) Chrysene-d12	21.551	240	210785	20.000	ng	0.00
86) Perylene-d12	24.700	264	257962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	158720	96.438	ng	0.00
7) Phenol-d6	7.079	99	231774	92.293	ng	0.00
23) Nitrobenzene-d5	9.077	82	130652	59.661	ng	-0.02
42) 2,4,6-Tribromophenol	16.040	330	112283	97.722	ng	0.00
45) 2-Fluorobiphenyl	13.178	172	301154	55.377	ng	0.00
79) Terphenyl-d14	19.917	244	638178	56.455	ng	0.00

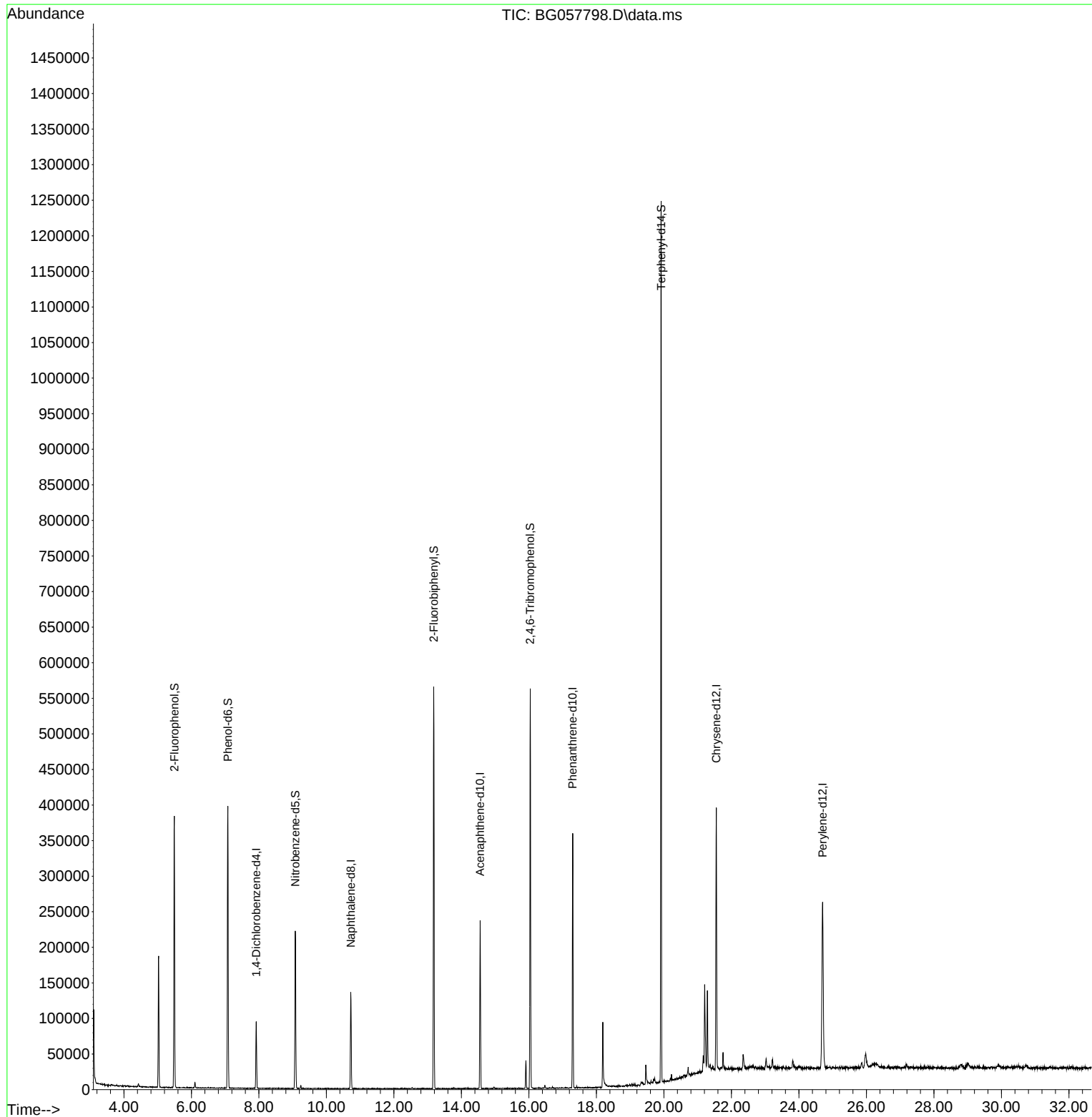
Target Compounds	Qvalue

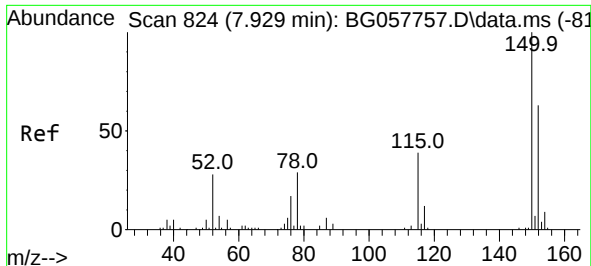
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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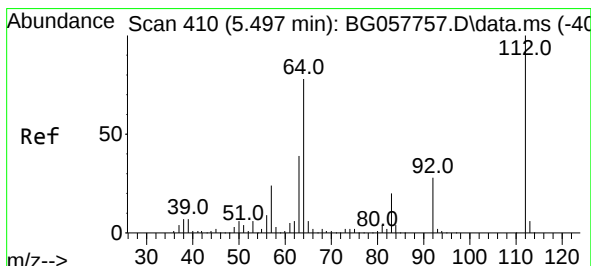
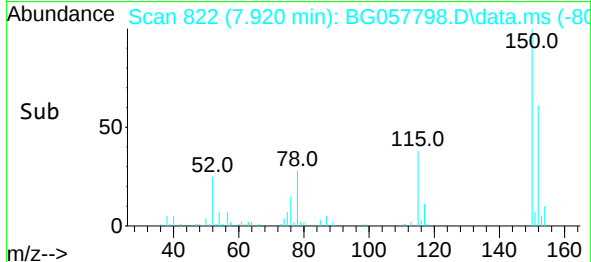
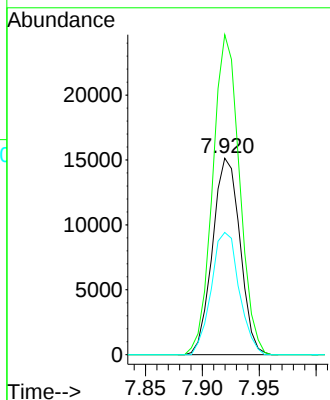
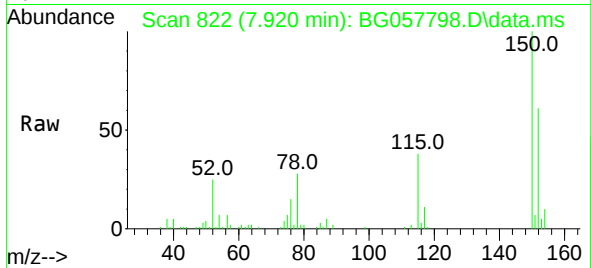




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

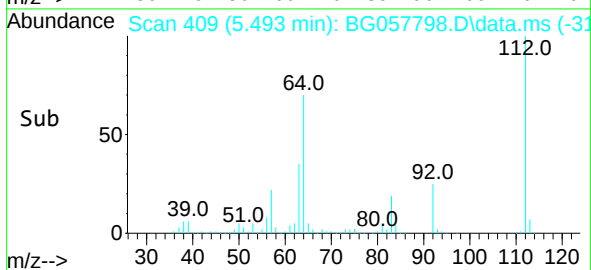
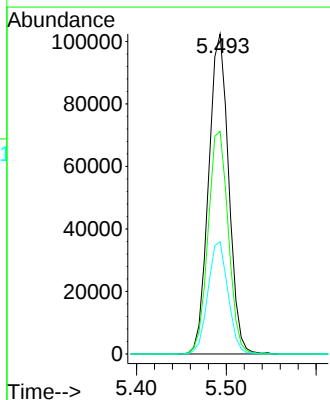
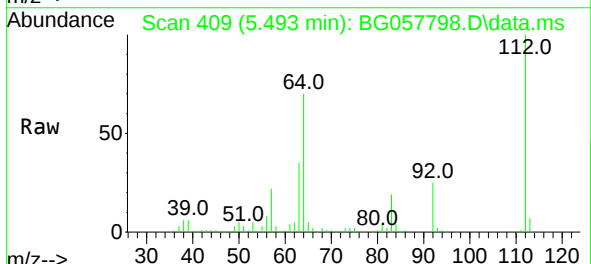
Instrument :
BNA_G
ClientSampleId :
SB-1

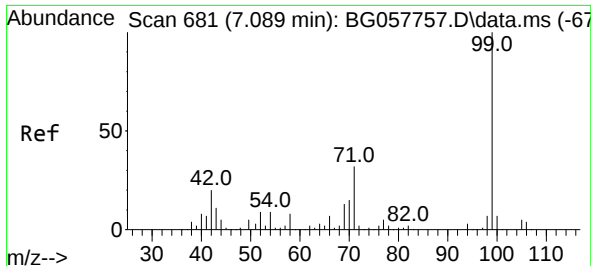
Tgt Ion:152 Resp: 25377
Ion Ratio Lower Upper
152 100
150 162.9 126.6 189.8
115 62.3 48.9 73.3



#5
2-Fluorophenol
Concen: 96.438 ng
RT: 5.493 min Scan# 409
Delta R.T. -0.004 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion:112 Resp: 158720
Ion Ratio Lower Upper
112 100
64 69.5 62.1 93.1
63 35.1 31.5 47.3

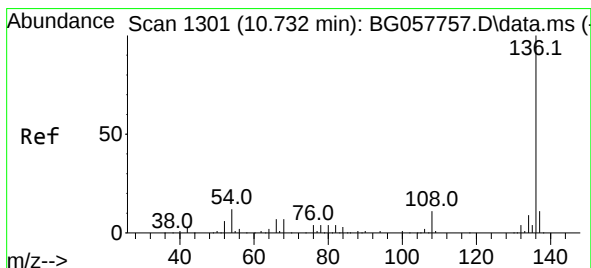
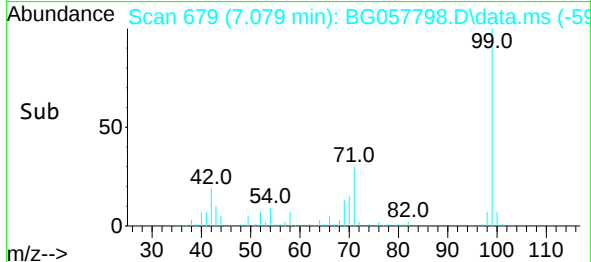
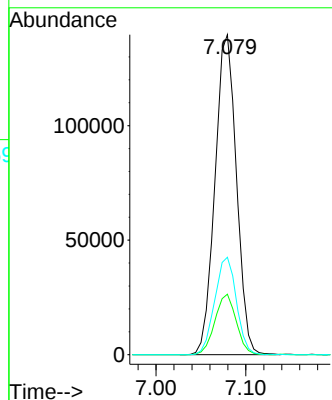
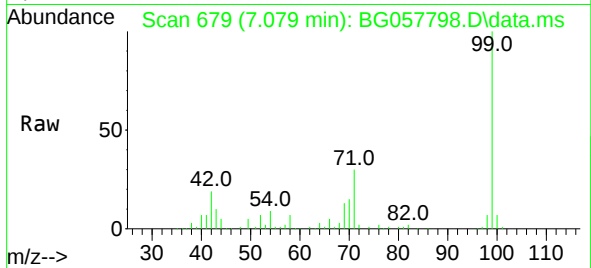




#7
Phenol-d6
Concen: 92.293 ng
RT: 7.079 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

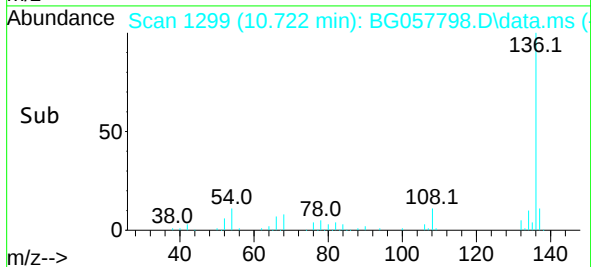
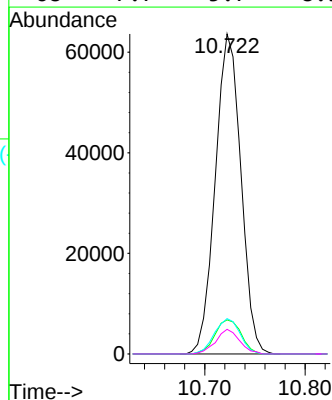
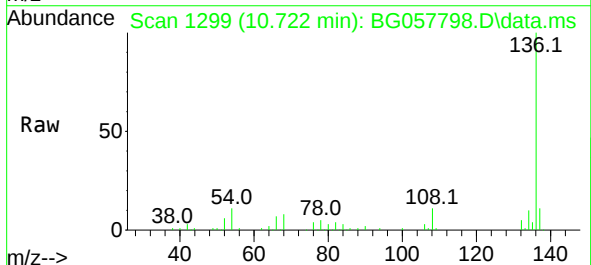
Instrument :
BNA_G
ClientSampleId :
SB-1

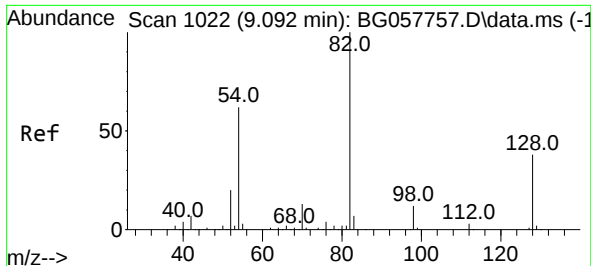
Tgt Ion: 99 Resp: 231774
Ion Ratio Lower Upper
99 100
42 18.9 16.4 24.6
71 30.5 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1299
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion: 136 Resp: 112393
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 11.0 9.5 14.3
68 7.7 5.7 8.5





#23

Nitrobenzene-d5

Concen: 59.661 ng

RT: 9.077 min Scan# 1019

Delta R.T. -0.015 min

Lab File: BG057798.D

Acq: 22 Jun 2023 00:17

Instrument :

BNA_G

ClientSampleId :

SB-1

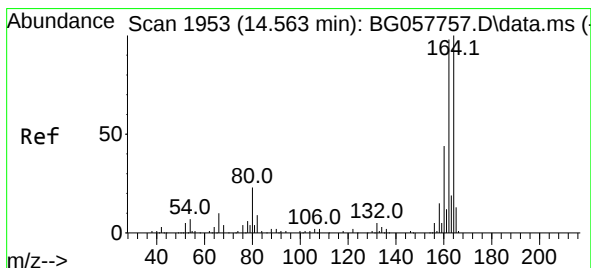
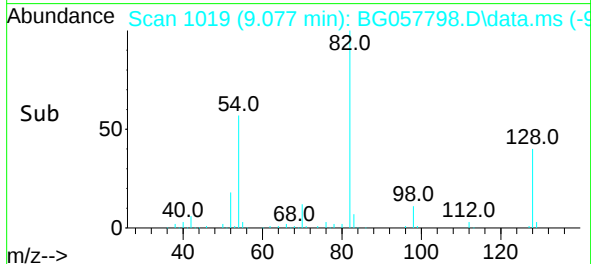
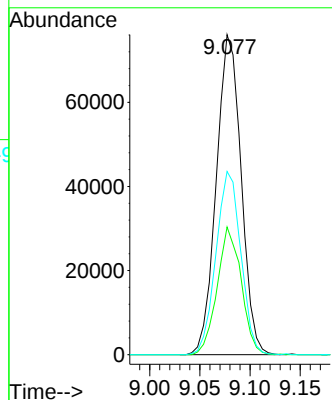
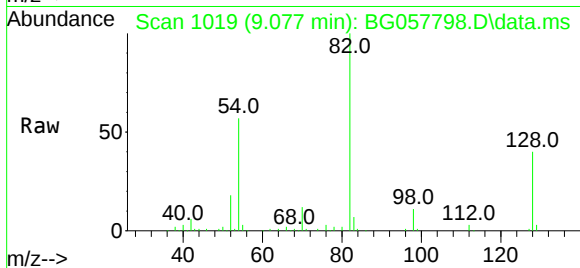
Tgt Ion: 82 Resp: 130652

Ion Ratio Lower Upper

82 100

128 39.9 30.7 46.1

54 57.2 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.553 min Scan# 1951

Delta R.T. -0.010 min

Lab File: BG057798.D

Acq: 22 Jun 2023 00:17

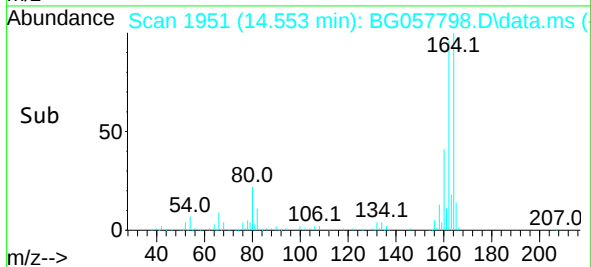
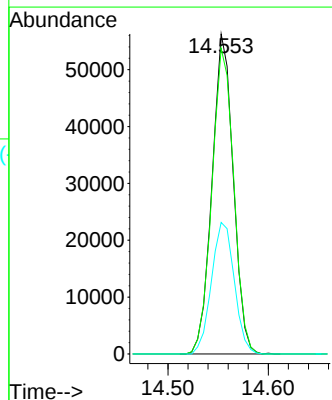
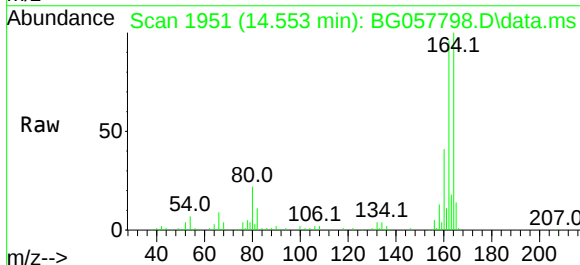
Tgt Ion:164 Resp: 82485

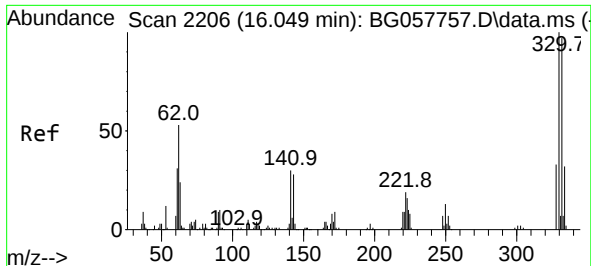
Ion Ratio Lower Upper

164 100

162 95.5 78.3 117.5

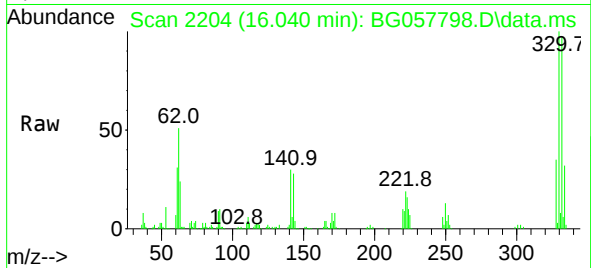
160 41.1 35.4 53.0



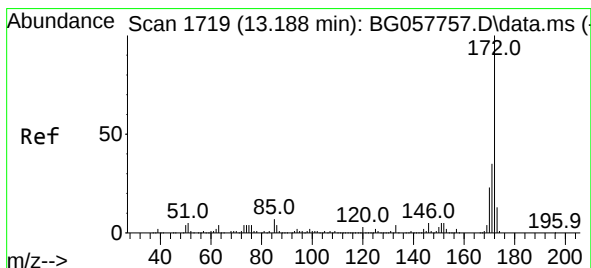
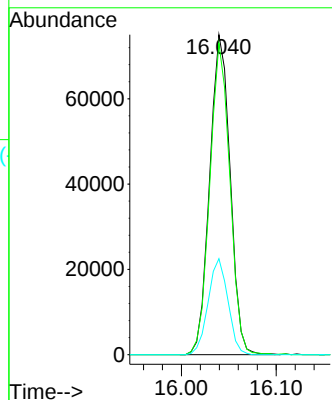
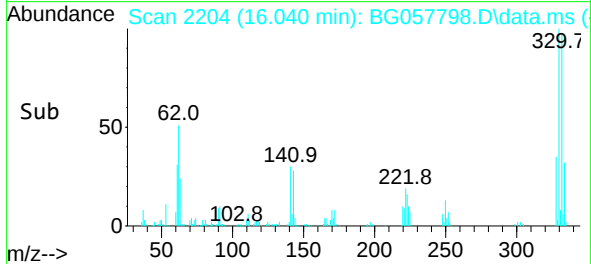


#42
2,4,6-Tribromophenol
Concen: 97.722 ng
RT: 16.040 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

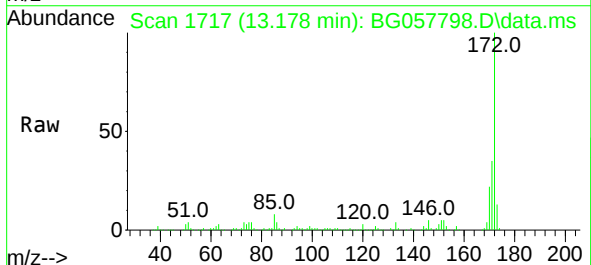
Instrument :
BNA_G
ClientSampleId :
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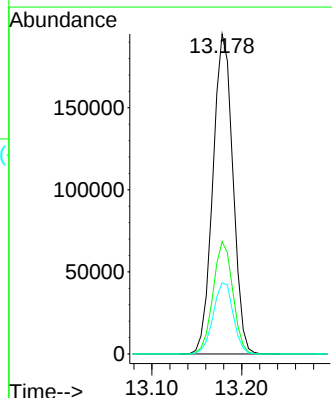
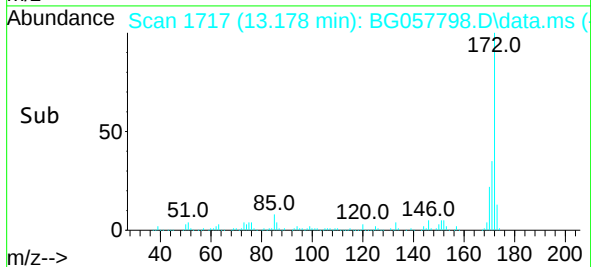
Tgt Ion:330 Resp: 112283
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 29.0 24.7 37.1

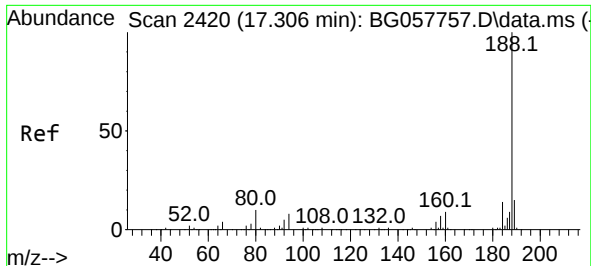


#45
2-Fluorobiphenyl
Concen: 55.377 ng
RT: 13.178 min Scan# 1717
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17



Tgt Ion:172 Resp: 301154
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 22.3 18.6 27.8

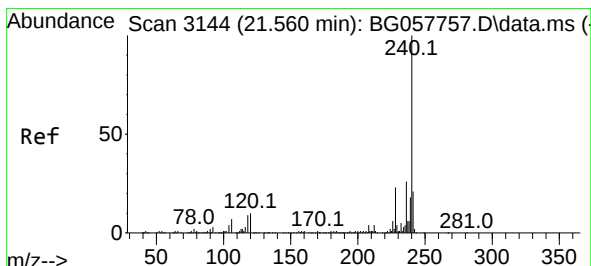
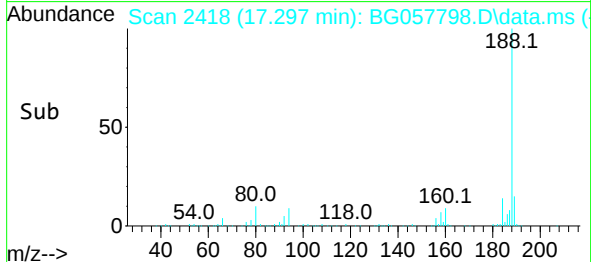
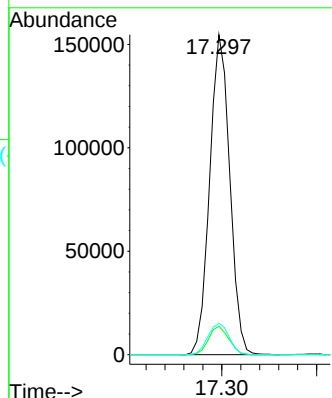
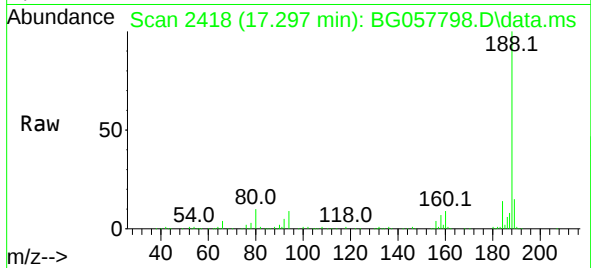




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.297 min Scan# 2418
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

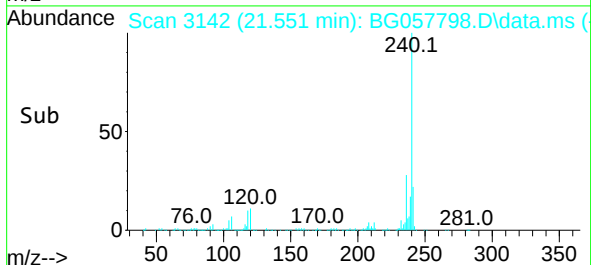
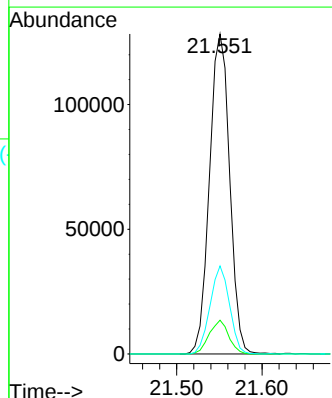
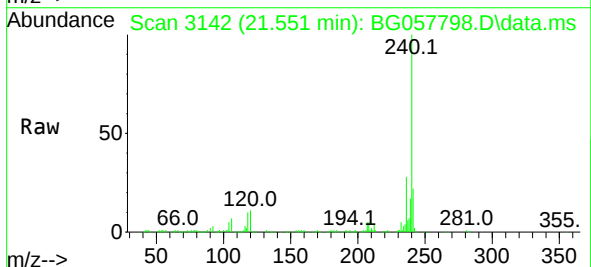
Instrument :
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ClientSampleId :
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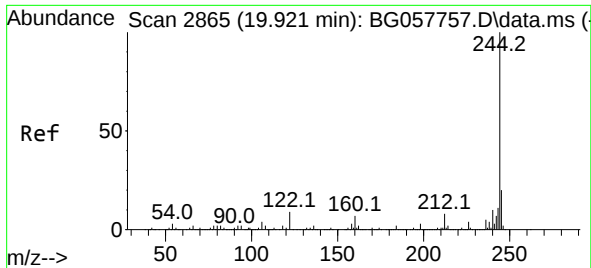
Tgt Ion:188 Resp: 227080
Ion Ratio Lower Upper
188 100
94 8.9 6.6 9.8
80 9.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3142
Delta R.T. -0.010 min
Lab File: BG057798.D
Acq: 22 Jun 2023 00:17

Tgt Ion:240 Resp: 210785
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 27.5 20.6 30.8

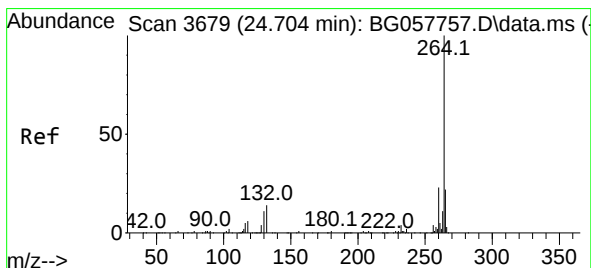
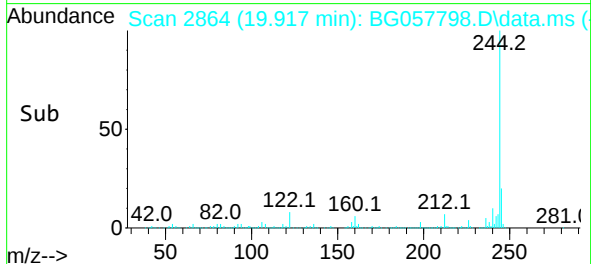
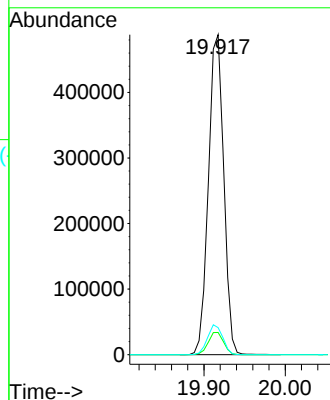
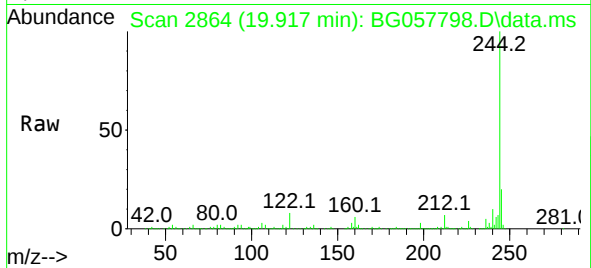




#79
 Terphenyl-d14
 Concen: 56.455 ng
 RT: 19.917 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG057798.D
 Acq: 22 Jun 2023 00:17

Instrument :
 BNA_G
 ClientSampleId :
 SB-1

Tgt Ion:244 Resp: 638178
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.1 9.1
 122 8.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.700 min Scan# 3678
 Delta R.T. -0.004 min
 Lab File: BG057798.D
 Acq: 22 Jun 2023 00:17

Tgt Ion:264 Resp: 257962
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.5 27.7
 265 21.9 17.4 26.2

