

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG053023\
 Data File : BG057607.D
 Acq On : 30 May 2023 15:28
 Operator : CG/JU
 Sample : 02955-13
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TWP05

Quant Time: May 31 03:28:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 31 03:25:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.340	152	16912	20.000	ng	0.00
21) Naphthalene-d8	11.177	136	65235	20.000	ng	# 0.00
39) Acenaphthene-d10	14.960	164	45226	20.000	ng	0.00
64) Phenanthrene-d10	17.697	188	138736	20.000	ng	0.00
76) Chrysene-d12	21.998	240	146859	20.000	ng	0.00
86) Perylene-d12	25.487	264	163950	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.861	112	53699	55.163	ng	0.00
7) Phenol-d6	7.488	99	48047	31.538	ng	0.00
23) Nitrobenzene-d5	9.520	82	116369	83.388	ng	0.00
42) 2,4,6-Tribromophenol	16.446	330	106555	147.159	ng	0.00
45) 2-Fluorobiphenyl	13.579	172	257327	81.769	ng	0.00
79) Terphenyl-d14	20.265	244	694575	81.926	ng	0.00

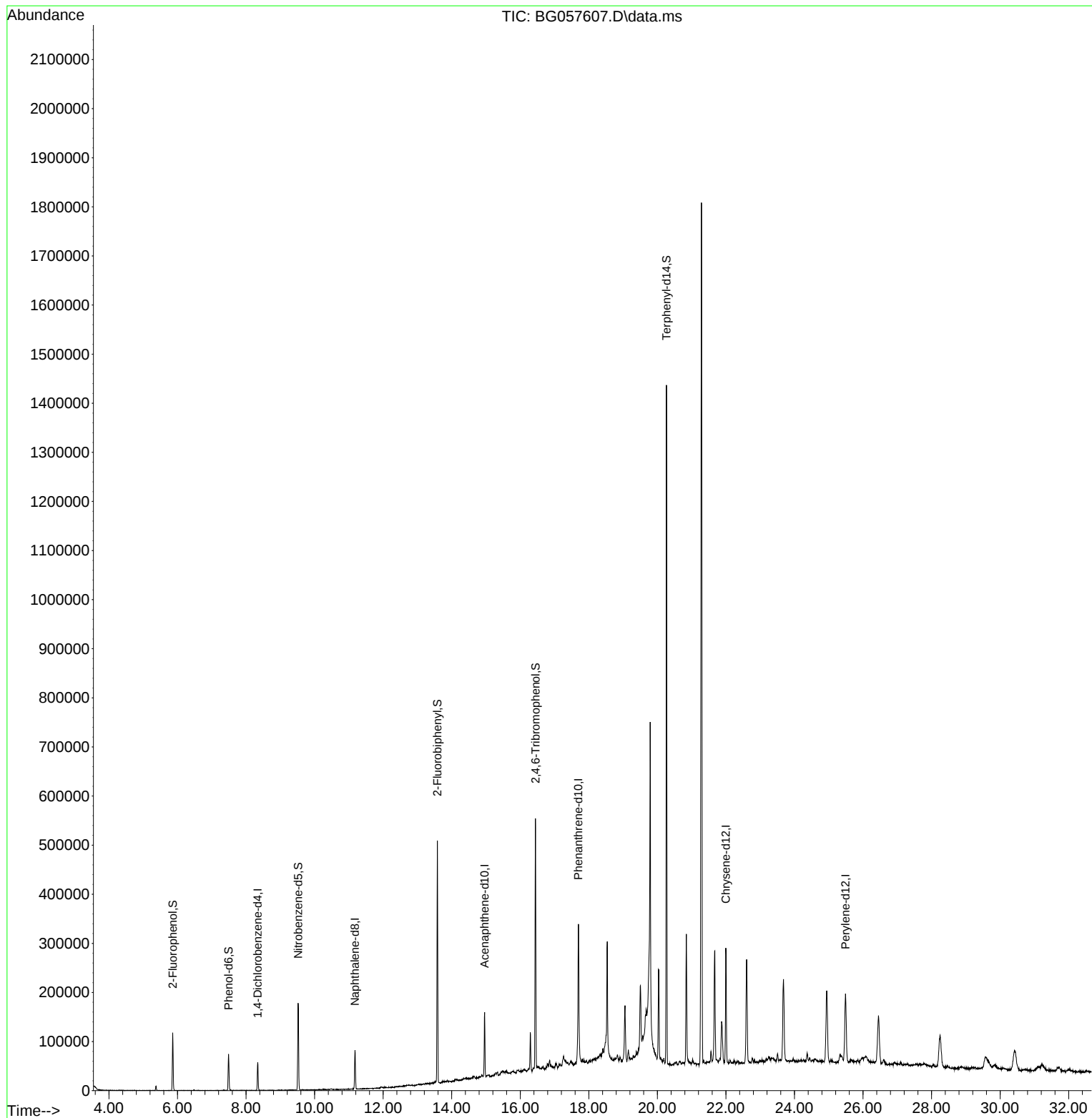
Target Compounds	Qvalue

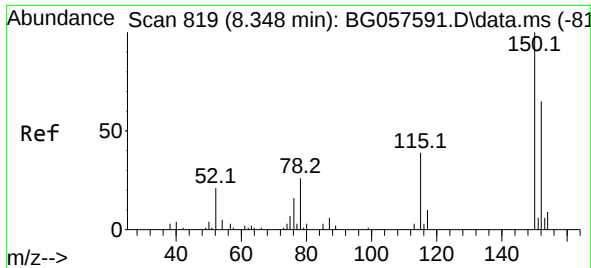
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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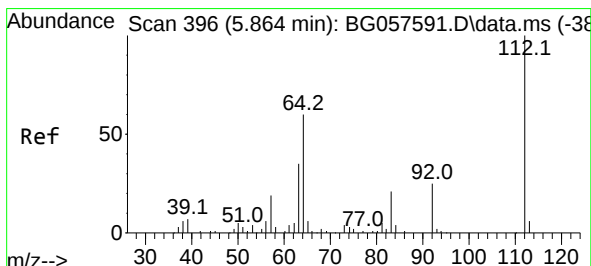
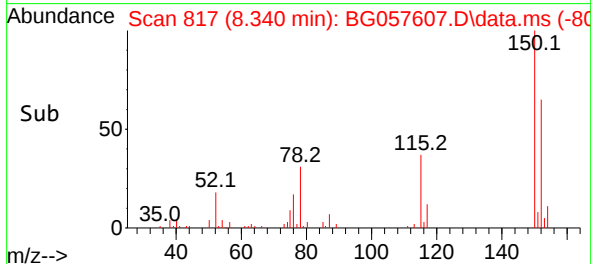
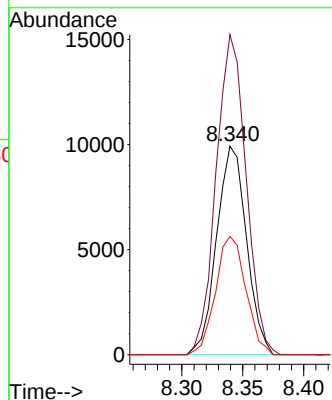
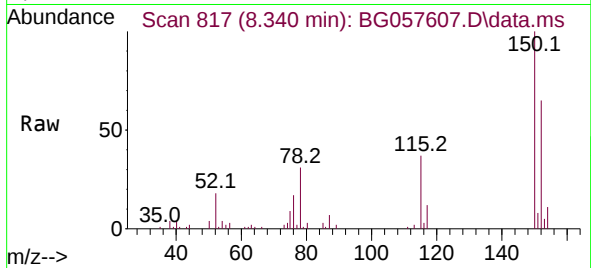




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.340 min Scan# 819
Delta R.T. -0.004 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

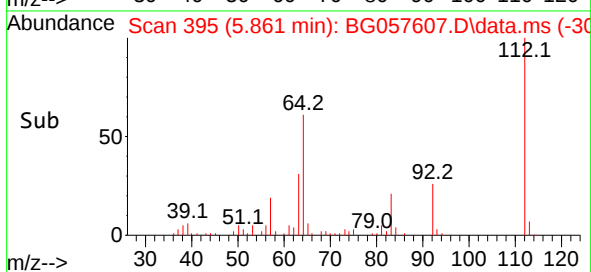
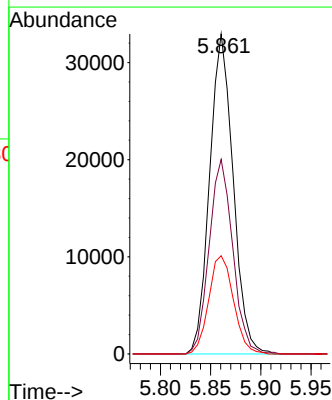
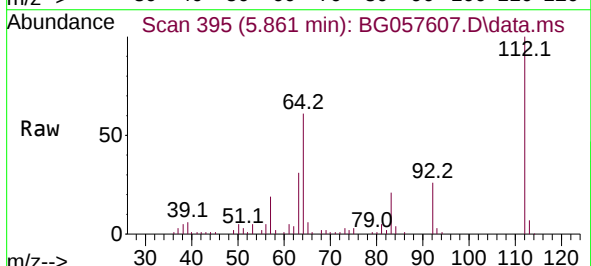
Instrument :
BNA_G
ClientSampleId :
TWP05

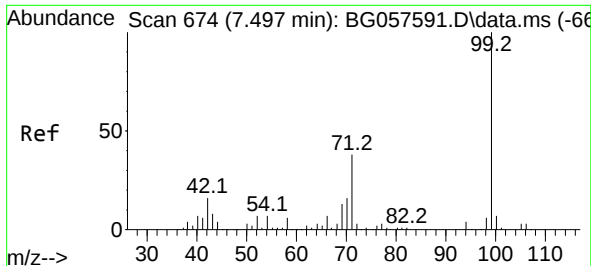
Tgt Ion:152 Resp: 16912
Ion Ratio Lower Upper
152 100
150 153.5 123.0 184.4
115 56.8 47.4 71.2



#5
2-Fluorophenol
Concen: 55.163 ng
RT: 5.861 min Scan# 395
Delta R.T. 0.002 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

Tgt Ion:112 Resp: 53699
Ion Ratio Lower Upper
112 100
64 60.8 47.8 71.6
63 30.7 27.8 41.8

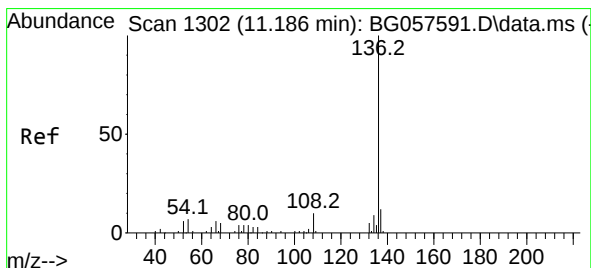
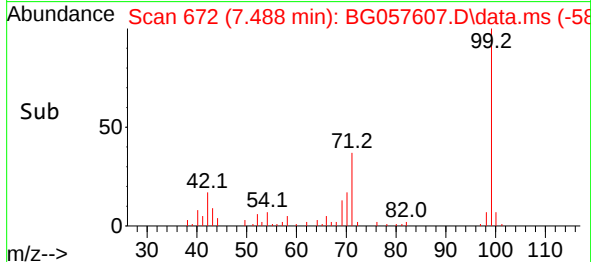
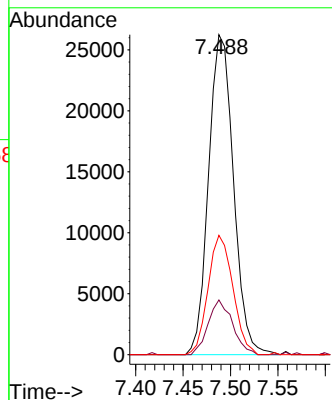
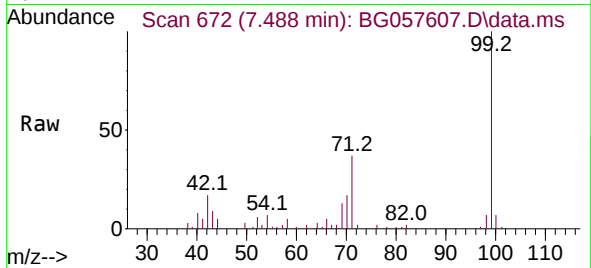




#7
Phenol-d6
Concen: 31.538 ng
RT: 7.488 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

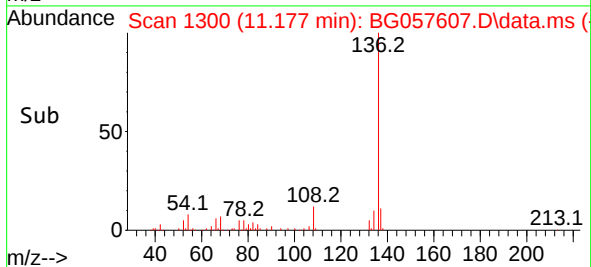
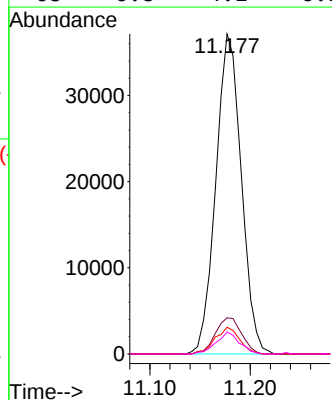
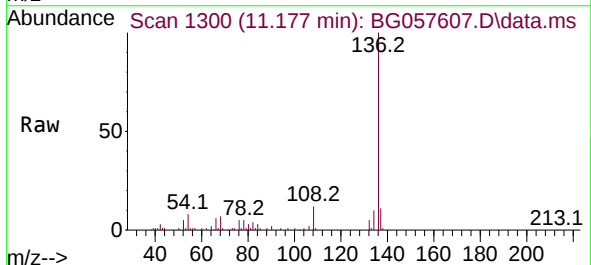
Instrument :
BNA_G
ClientSampleId :
TWP05

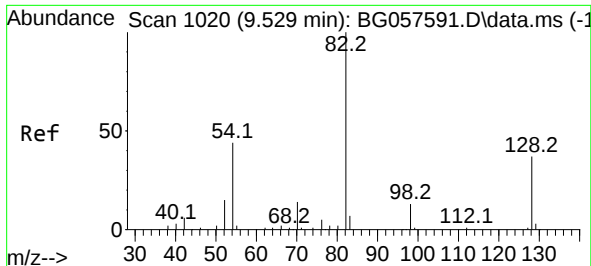
Tgt Ion: 99 Resp: 48047
Ion Ratio Lower Upper
99 100
42 17.1 12.8 19.2
71 37.3 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.177 min Scan# 1300
Delta R.T. 0.002 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

Tgt Ion:136 Resp: 65235
Ion Ratio Lower Upper
136 100
137 11.3 9.8 14.8
54 8.4 5.8 8.6
68 6.8 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 83.388 ng

RT: 9.520 min Scan# 1018

Delta R.T. -0.004 min

Lab File: BG057607.D

Acq: 30 May 2023 15:28

Instrument :

BNA_G

ClientSampleId :

TWP05

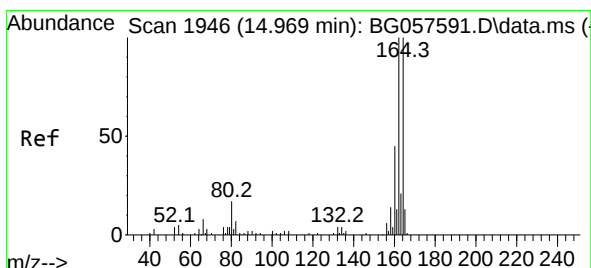
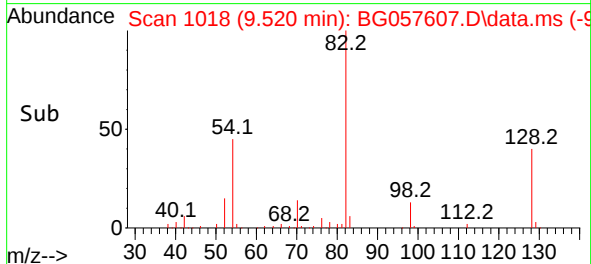
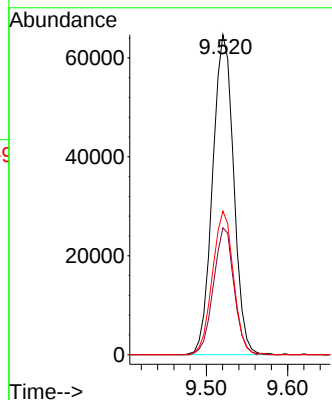
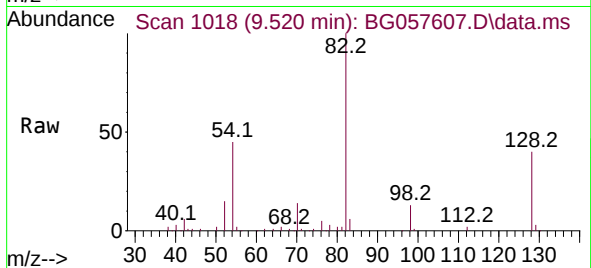
Tgt Ion: 82 Resp: 116369

Ion Ratio Lower Upper

82 100

128 39.6 30.0 45.0

54 44.8 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.960 min Scan# 1944

Delta R.T. 0.002 min

Lab File: BG057607.D

Acq: 30 May 2023 15:28

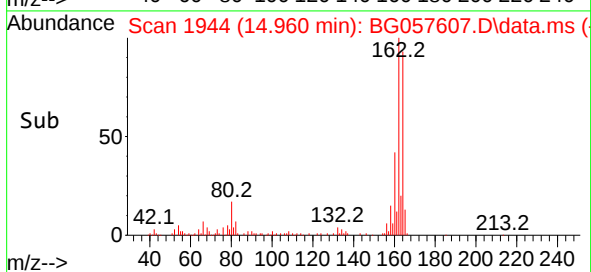
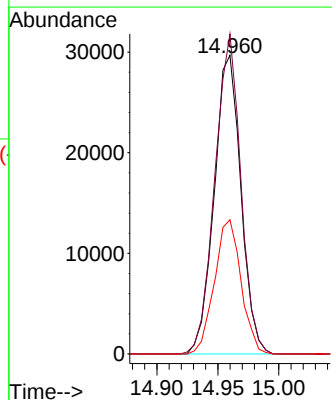
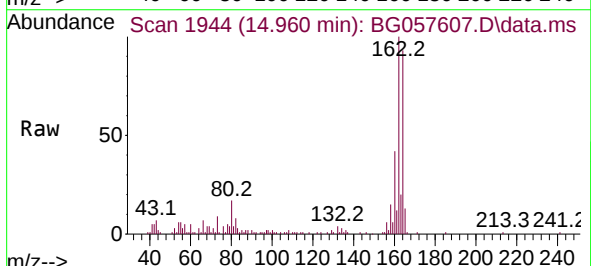
Tgt Ion:164 Resp: 45226

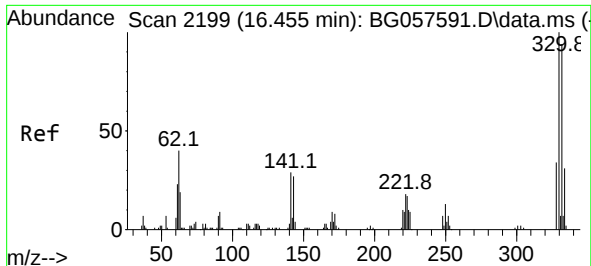
Ion Ratio Lower Upper

164 100

162 107.1 80.1 120.1

160 45.0 35.9 53.9

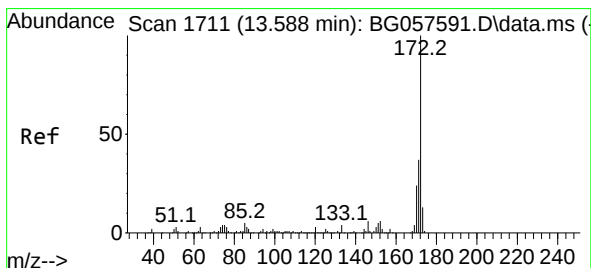
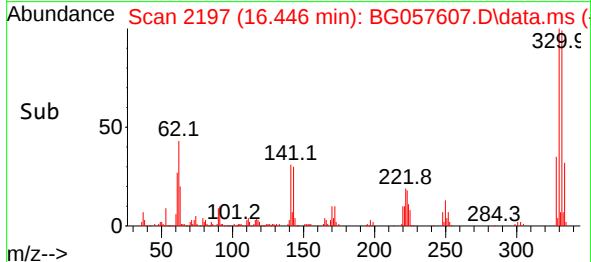
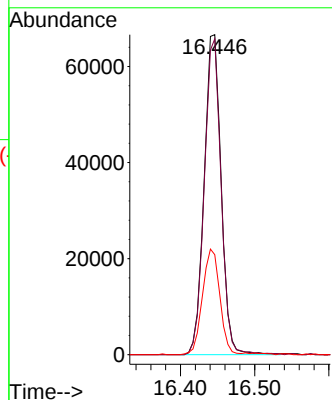
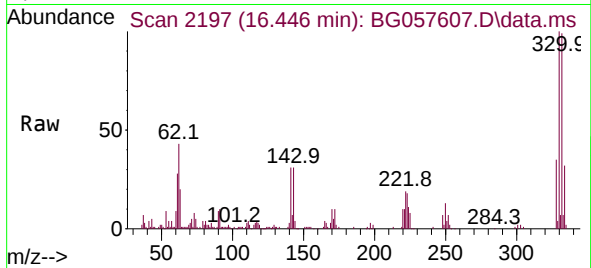




#42
2,4,6-Tribromophenol
Concen: 147.159 ng
RT: 16.446 min Scan# 2199
Delta R.T. 0.002 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

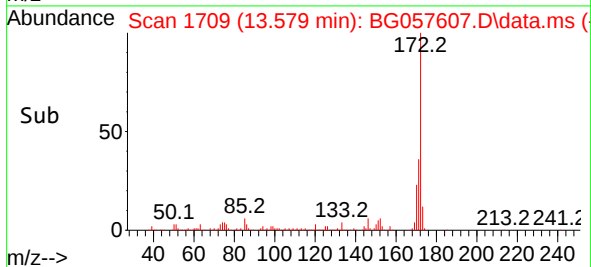
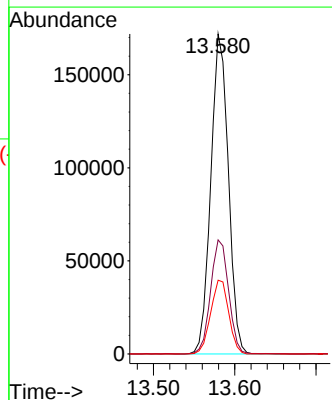
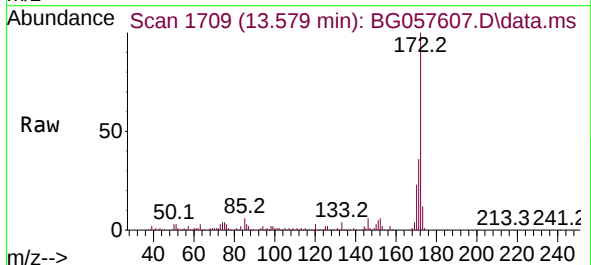
Instrument :
BNA_G
ClientSampleId :
TWP05

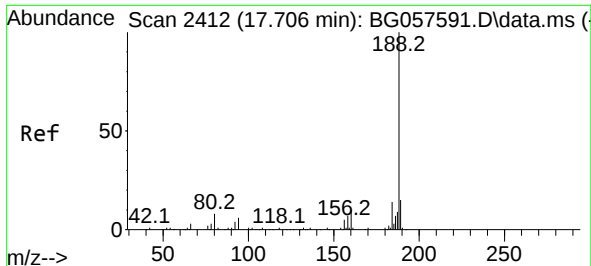
Tgt Ion:330 Resp: 106555
Ion Ratio Lower Upper
330 100
332 97.1 77.3 115.9
141 33.6 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 81.769 ng
RT: 13.579 min Scan# 1709
Delta R.T. -0.004 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

Tgt Ion:172 Resp: 257327
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 23.0 19.0 28.4

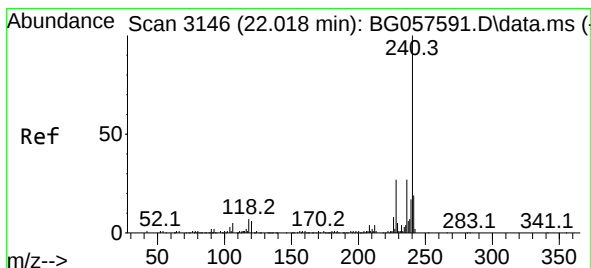
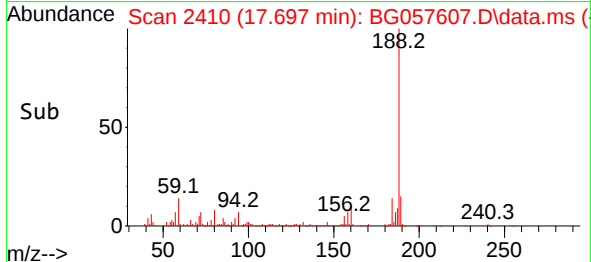
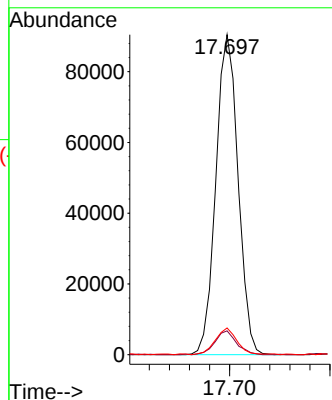
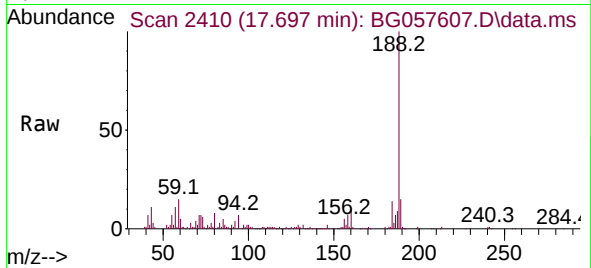




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.697 min Scan# 2412
Delta R.T. 0.002 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

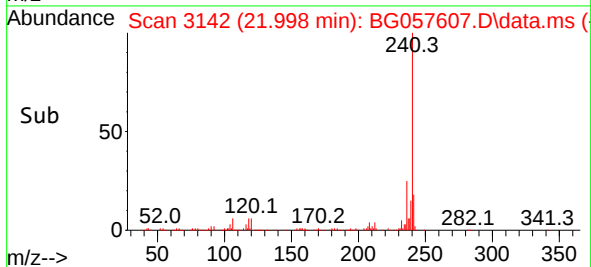
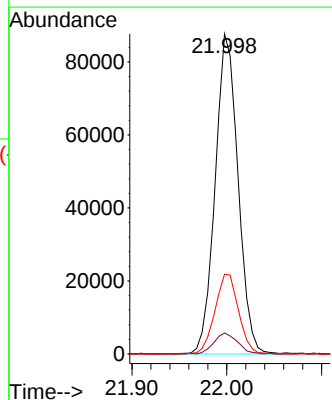
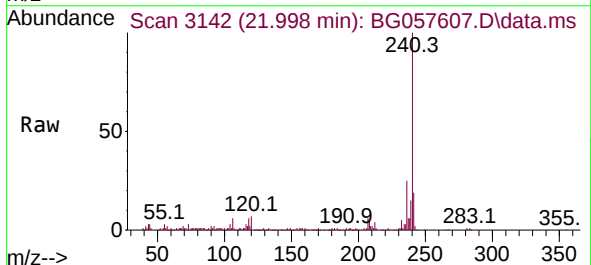
Instrument :
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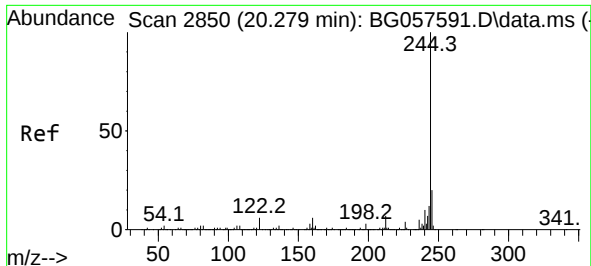
Tgt Ion:188 Resp: 138736
Ion Ratio Lower Upper
188 100
94 7.5 5.2 7.8
80 8.3 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.998 min Scan# 3142
Delta R.T. -0.004 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

Tgt Ion:240 Resp: 146859
Ion Ratio Lower Upper
240 100
120 6.6 5.2 7.8
236 24.9 21.4 32.0

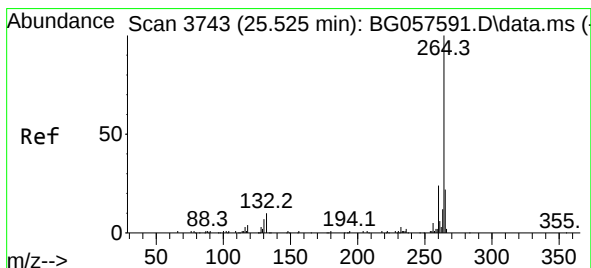
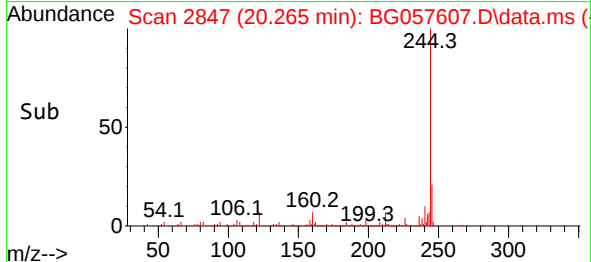
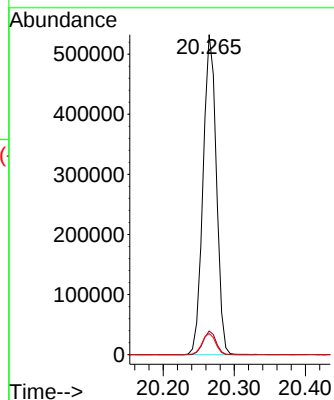
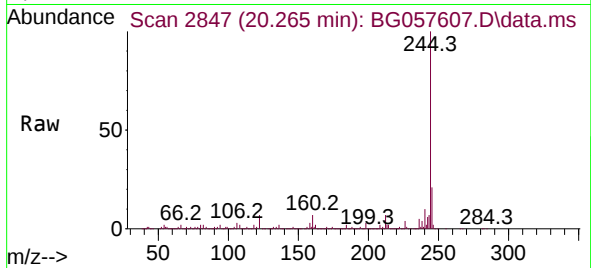




#79
Terphenyl-d14
Concen: 81.926 ng
RT: 20.265 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

Instrument :
BNA_G
ClientSampleId :
TWP05

Tgt Ion:244 Resp: 694575
Ion Ratio Lower Upper
244 100
212 7.4 5.6 8.4
122 6.6 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.487 min Scan# 3736
Delta R.T. -0.004 min
Lab File: BG057607.D
Acq: 30 May 2023 15:28

Tgt Ion:264 Resp: 163950
Ion Ratio Lower Upper
264 100
260 22.5 19.1 28.7
265 20.8 17.7 26.5

