

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062323\
 Data File : BG057843.D
 Acq On : 23 Jun 2023 15:24
 Operator : CG/JU
 Sample : 03337-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-18

Quant Time: Jun 23 16:13:10 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	7.918	152	41101	20.000	ng	-0.01
21) Naphthalene-d8	10.726	136	185891	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	135264	20.000	ng	0.00
64) Phenanthrene-d10	17.301	188	319494	20.000	ng	0.00
76) Chrysene-d12	21.554	240	270663	20.000	ng	0.00
86) Perylene-d12	24.710	264	337006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.491	112	227598	85.384	ng	0.00
7) Phenol-d6	7.083	99	351498	86.421	ng	0.00
23) Nitrobenzene-d5	9.081	82	185169	51.124	ng	-0.01
42) 2,4,6-Tribromophenol	16.043	330	166828	88.540	ng	0.00
45) 2-Fluorobiphenyl	13.182	172	458897	51.457	ng	0.00
79) Terphenyl-d14	19.915	244	780892	53.798	ng	0.00

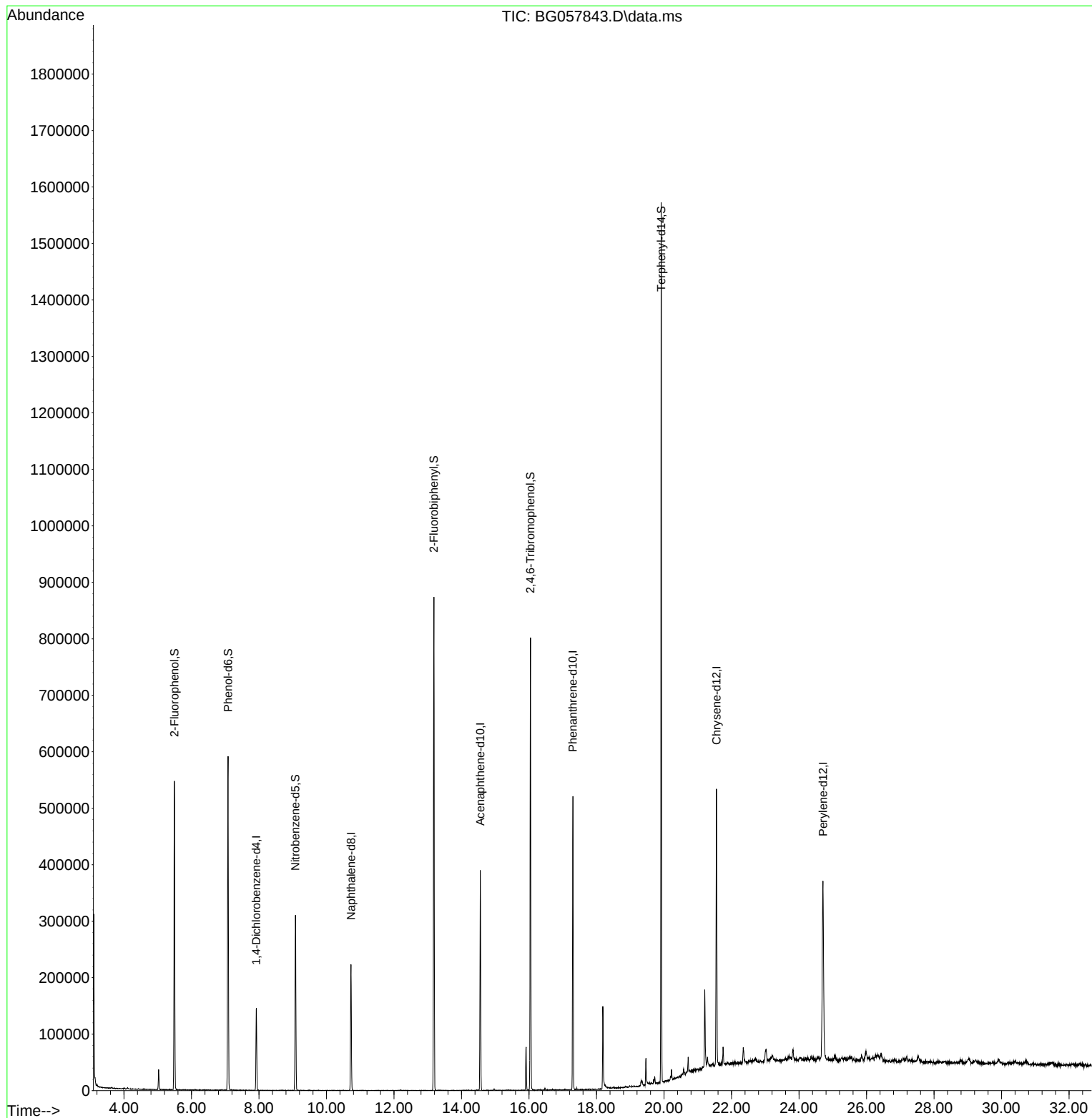
Target Compounds	Qvalue

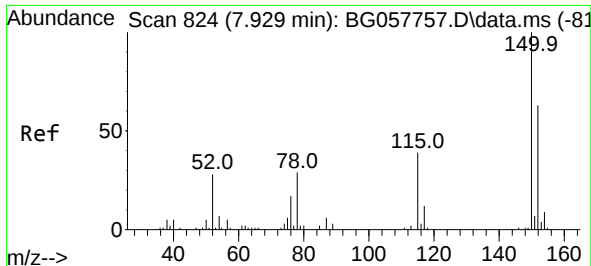
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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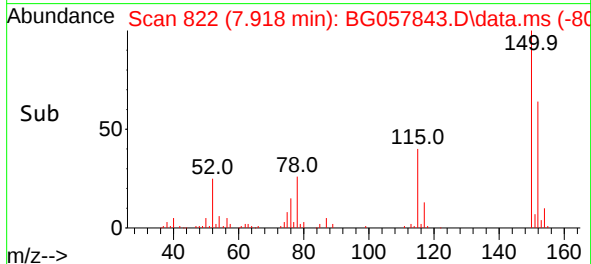
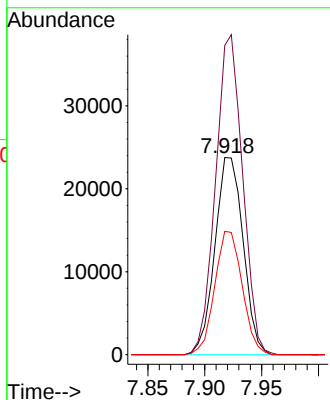
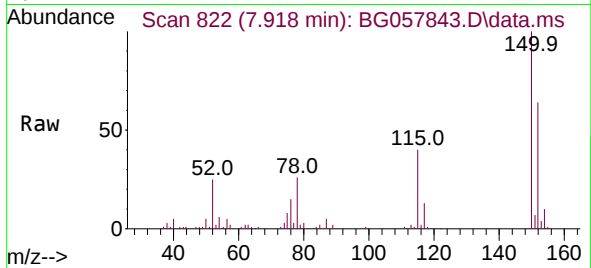




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.918 min Scan# 81
Delta R.T. -0.011 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

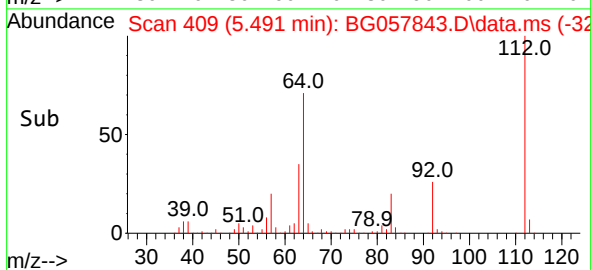
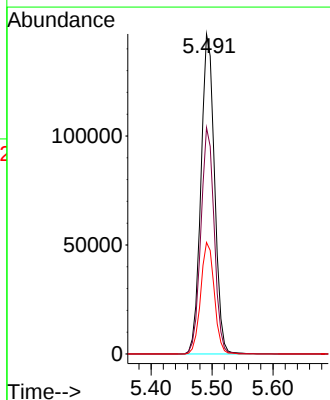
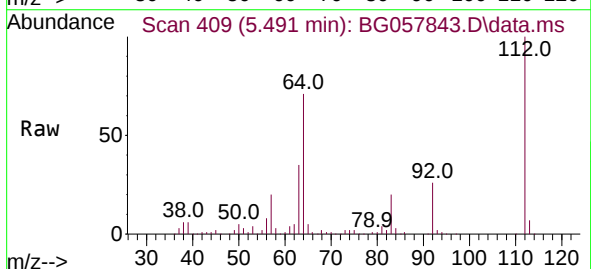
Instrument :
BNA_G
ClientSampleId :
WC-18

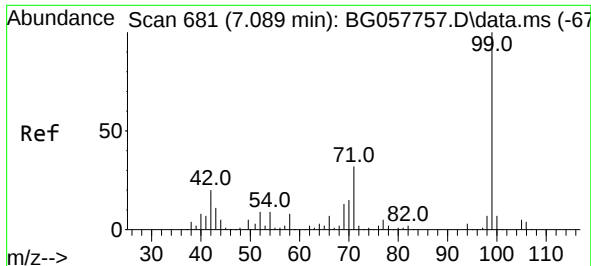
Tgt Ion:152 Resp: 41101
Ion Ratio Lower Upper
152 100
150 157.0 126.6 189.8
115 62.6 48.9 73.3



#5
2-Fluorophenol
Concen: 85.384 ng
RT: 5.491 min Scan# 409
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:112 Resp: 227598
Ion Ratio Lower Upper
112 100
64 70.7 62.1 93.1
63 34.8 31.5 47.3

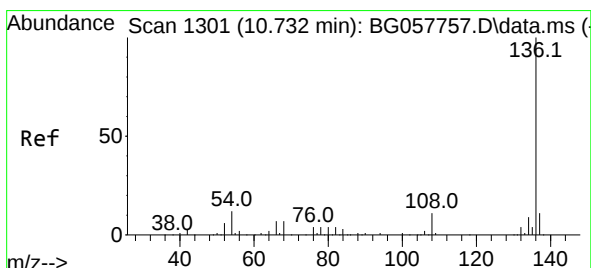
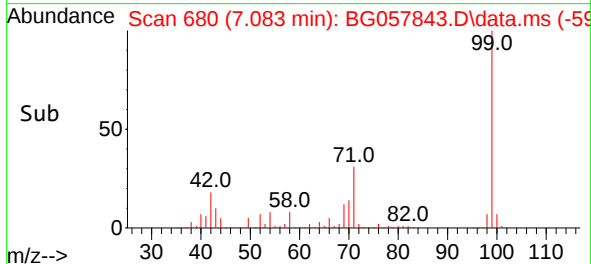
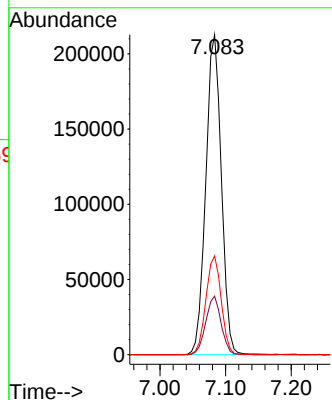
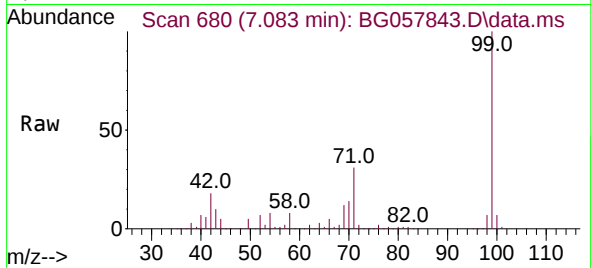




#7
Phenol-d6
Concen: 86.421 ng
RT: 7.083 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

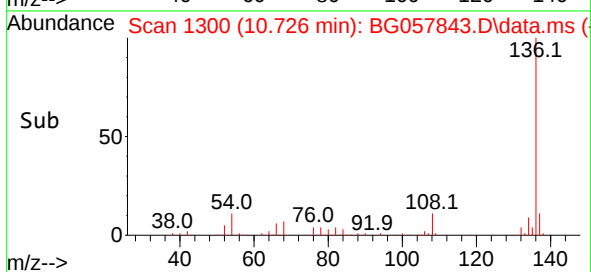
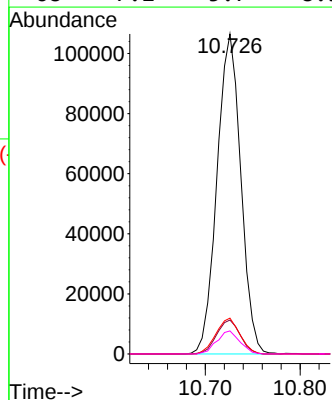
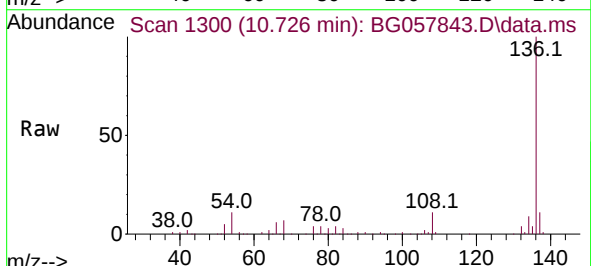
Instrument :
BNA_G
ClientSampleId :
WC-18

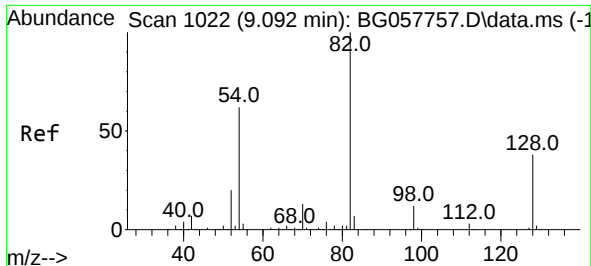
Tgt Ion: 99 Resp: 351498
Ion Ratio Lower Upper
99 100
42 18.3 16.4 24.6
71 30.9 25.8 38.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion: 136 Resp: 185891
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 11.2 9.5 14.3
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 51.124 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057843.D

Acq: 23 Jun 2023 15:24

Instrument :

BNA_G

ClientSampleId :

WC-18

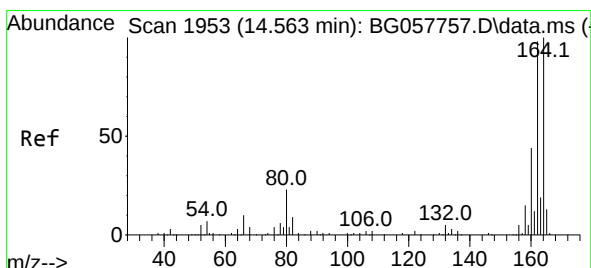
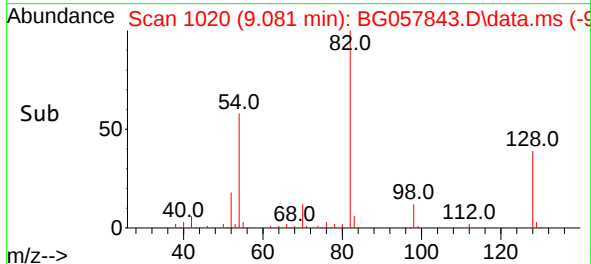
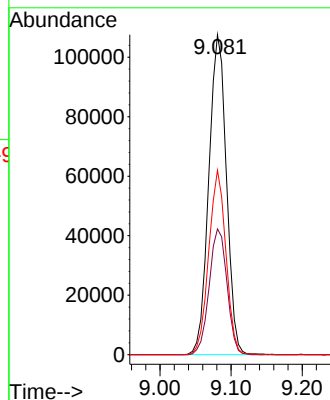
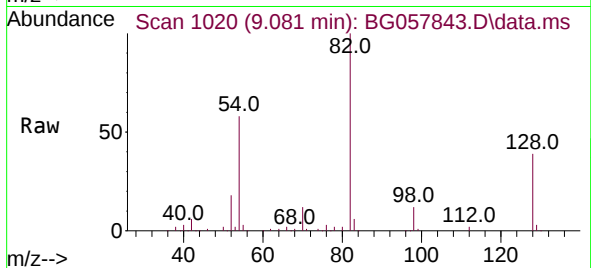
Tgt Ion: 82 Resp: 185169

Ion Ratio Lower Upper

82 100

128 39.3 30.7 46.1

54 57.6 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1952

Delta R.T. -0.006 min

Lab File: BG057843.D

Acq: 23 Jun 2023 15:24

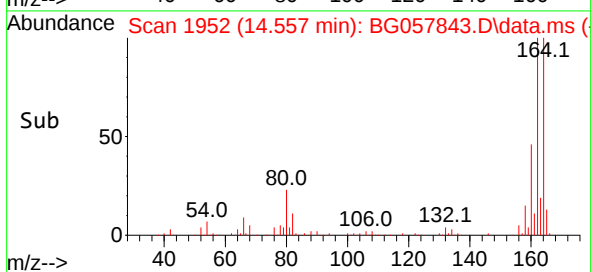
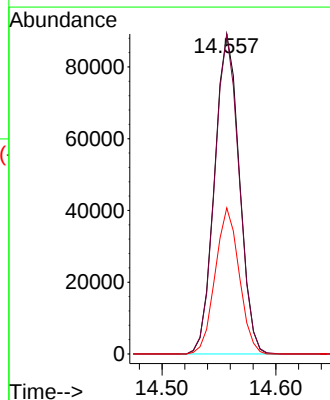
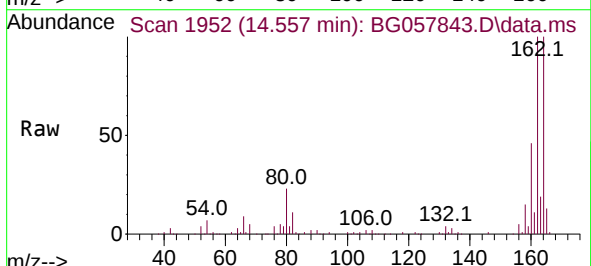
Tgt Ion:164 Resp: 135264

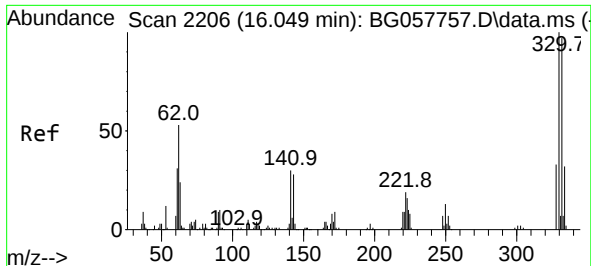
Ion Ratio Lower Upper

164 100

162 99.8 78.3 117.5

160 45.7 35.4 53.0

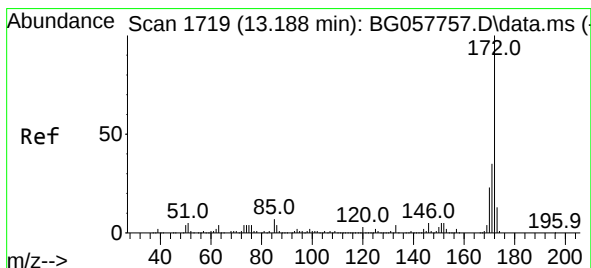
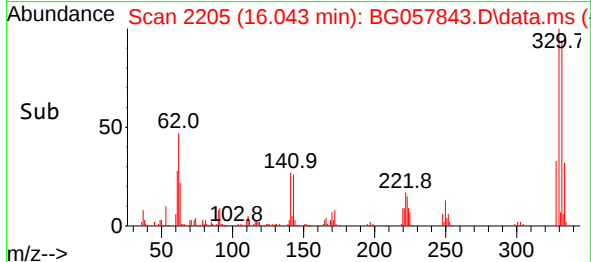
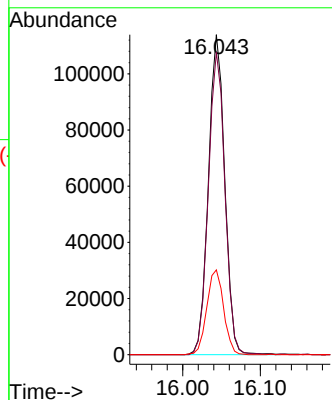
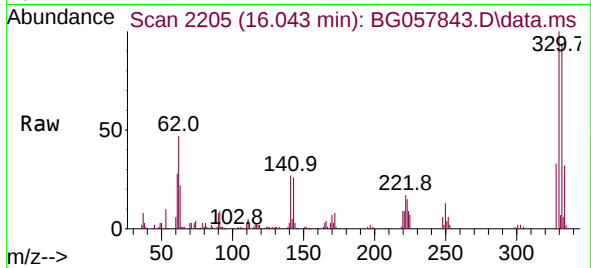




#42
2,4,6-Tribromophenol
Concen: 88.540 ng
RT: 16.043 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

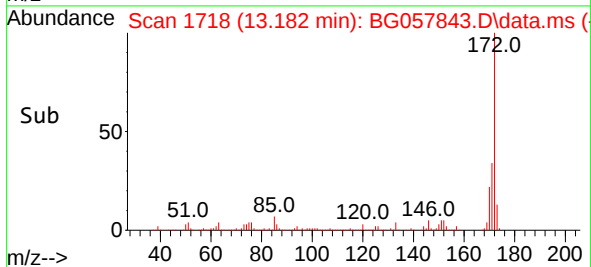
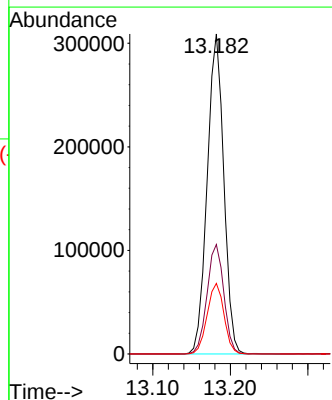
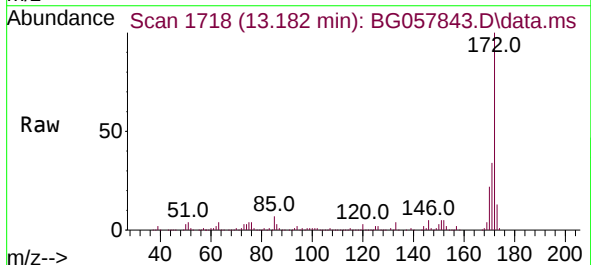
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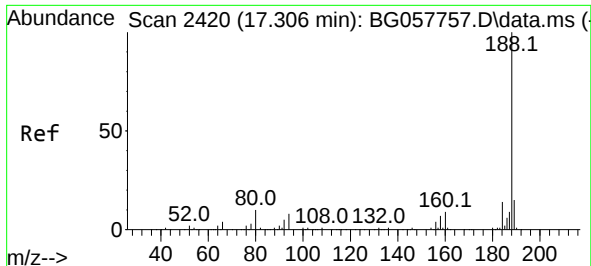
Tgt Ion:330 Resp: 166828
Ion Ratio Lower Upper
330 100
332 95.6 76.6 115.0
141 27.3 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 51.457 ng
RT: 13.182 min Scan# 1718
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:172 Resp: 458897
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 22.1 18.6 27.8

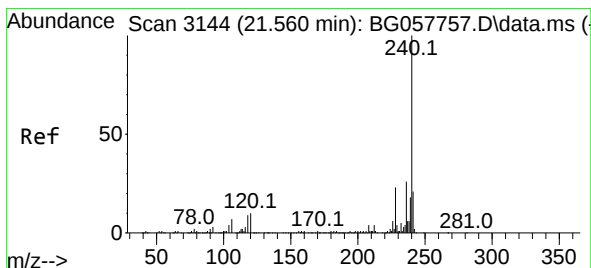
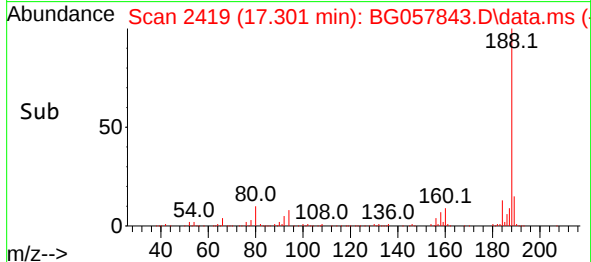
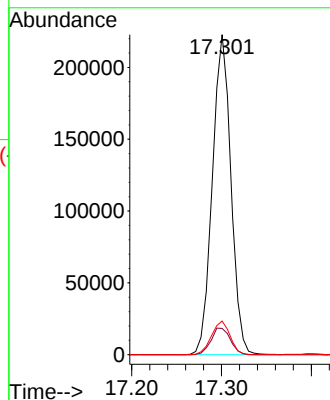
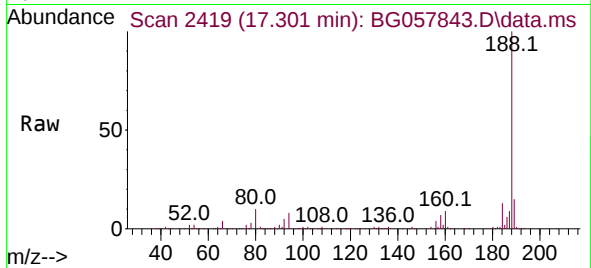




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.301 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

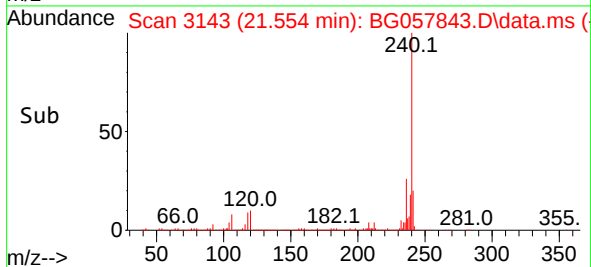
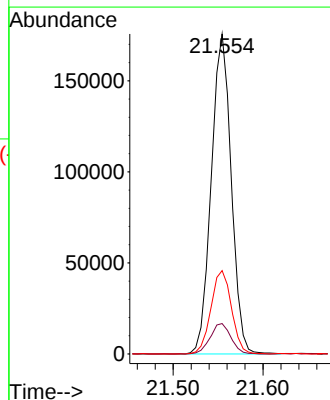
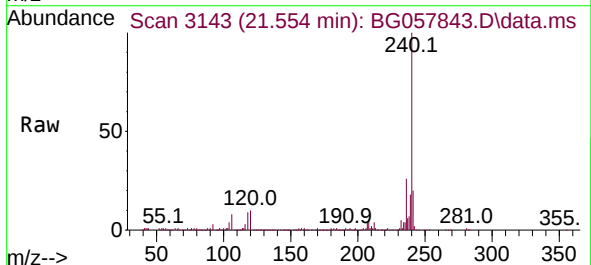
Instrument :
BNA_G
ClientSampleId :
WC-18

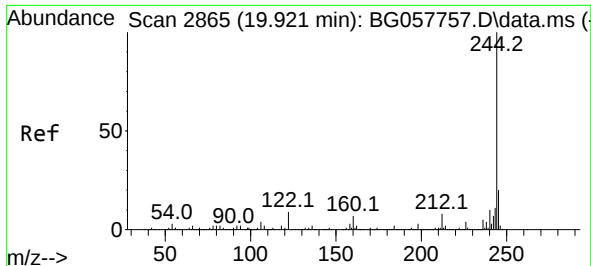
Tgt Ion:188 Resp: 319494
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 10.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.554 min Scan# 3143
Delta R.T. -0.006 min
Lab File: BG057843.D
Acq: 23 Jun 2023 15:24

Tgt Ion:240 Resp: 270663
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.1 20.6 30.8

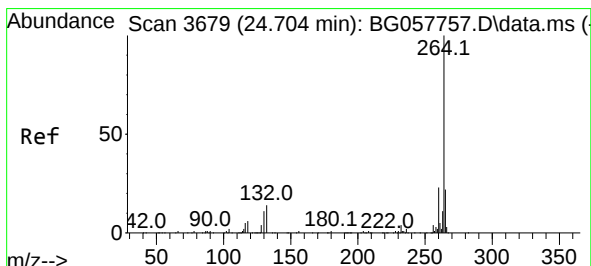
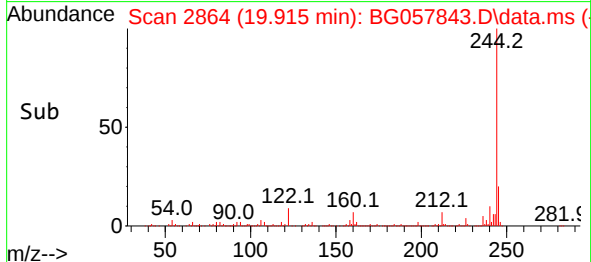
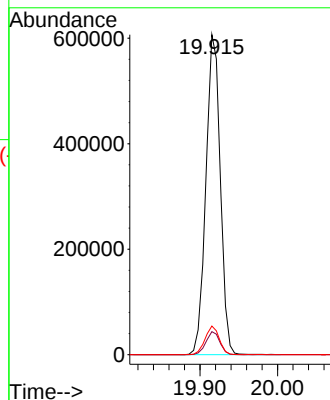
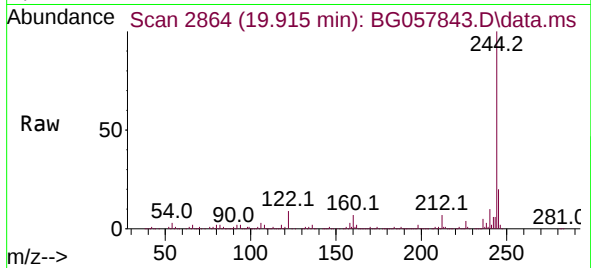




#79
 Terphenyl-d14
 Concen: 53.798 ng
 RT: 19.915 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG057843.D
 Acq: 23 Jun 2023 15:24

Instrument :
 BNA_G
 ClientSampleId :
 WC-18

Tgt Ion:244 Resp: 780892
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 9.0 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 3680
 Delta R.T. 0.006 min
 Lab File: BG057843.D
 Acq: 23 Jun 2023 15:24

Tgt Ion:264 Resp: 337006
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.5 27.7
 265 21.3 17.4 26.2

