

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG060623\
 Data File : BG057662.D
 Acq On : 7 Jun 2023 8:43
 Operator : CG/JU
 Sample : PB153118TB
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB153118TB

Quant Time: Jun 07 10:18:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG052723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 01 03:51:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.337	152	45077	20.000	ng	0.00
21) Naphthalene-d8	11.175	136	196701	20.000	ng	# 0.00
39) Acenaphthene-d10	14.952	164	158077	20.000	ng	0.00
64) Phenanthrene-d10	17.695	188	243709	20.000	ng	# 0.00
76) Chrysene-d12	22.001	240	301291	20.000	ng	0.00
86) Perylene-d12	25.491	264	378443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.858	112	145870	56.220	ng	0.00
7) Phenol-d6	7.486	99	243389	59.939	ng	0.00
23) Nitrobenzene-d5	9.518	82	186908	44.419	ng	0.00
42) 2,4,6-Tribromophenol	16.438	330	108653	42.931	ng	0.00
45) 2-Fluorobiphenyl	13.577	172	495164	45.017	ng	0.00
79) Terphenyl-d14	20.263	244	799852	45.986	ng	0.00

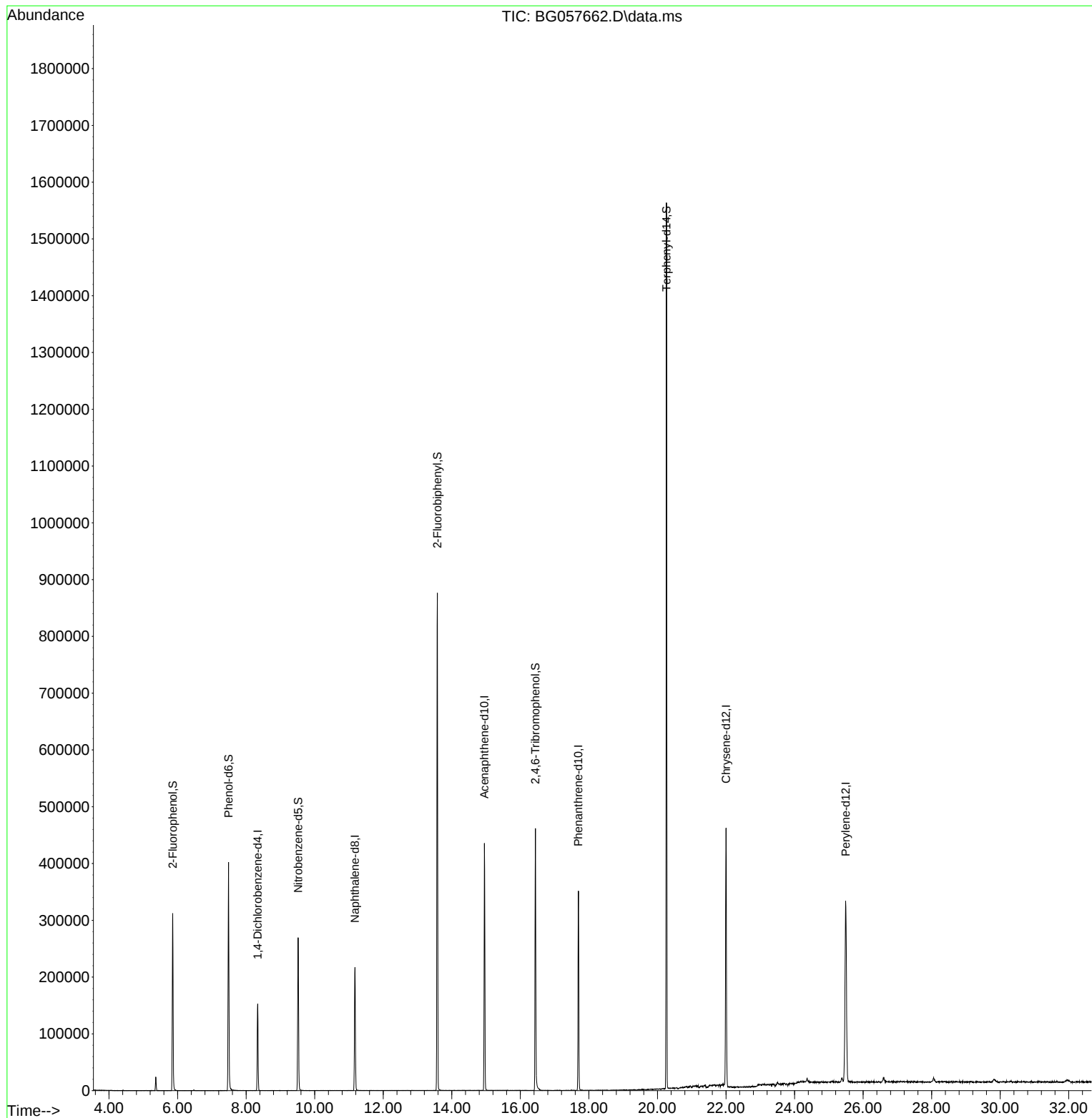
Target Compounds	Qvalue

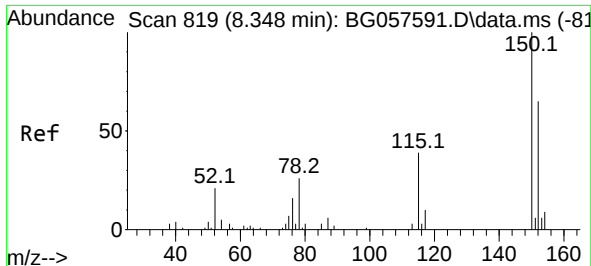
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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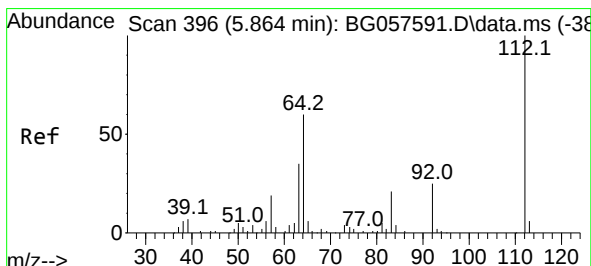
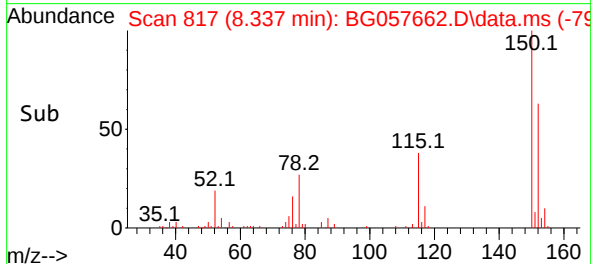
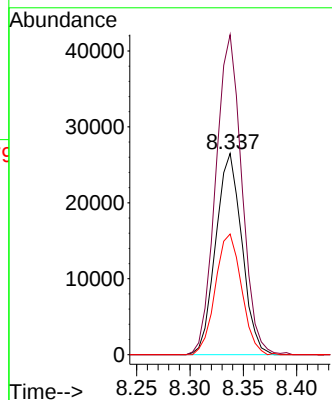
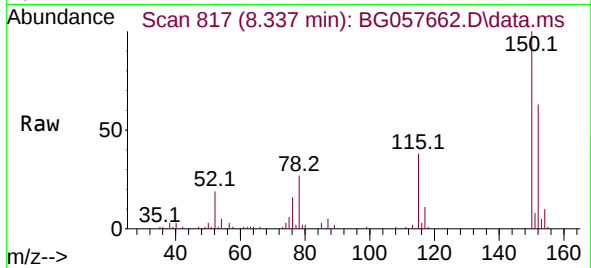




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.337 min Scan# 819
Delta R.T. 0.003 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

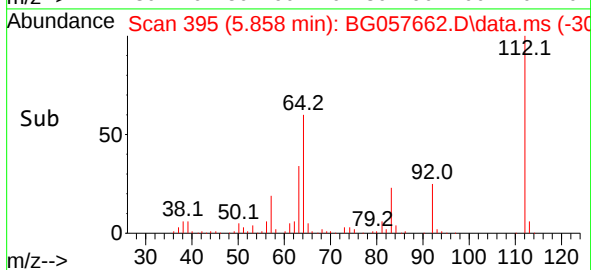
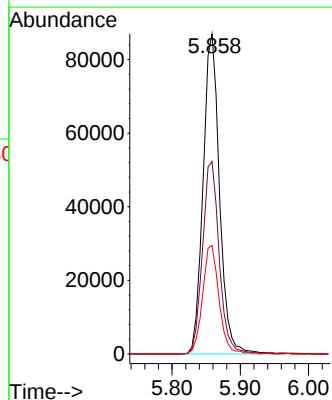
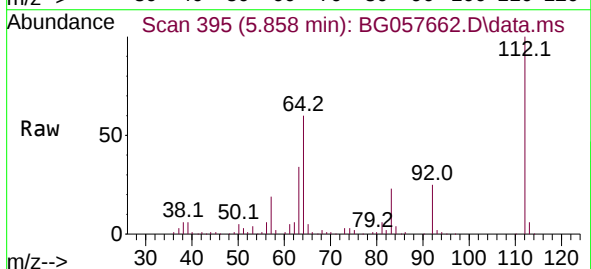
Instrument :
BNA_G
ClientSampleId :
PB153118TB

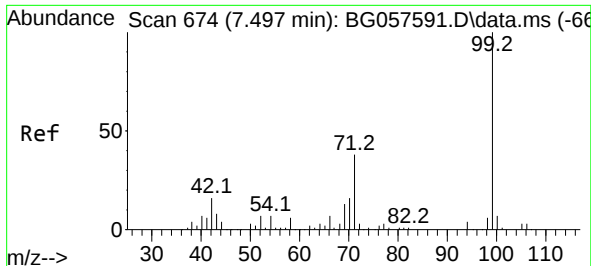
Tgt Ion:152 Resp: 45077
Ion Ratio Lower Upper
152 100
150 159.0 123.0 184.4
115 60.0 47.4 71.2



#5
2-Fluorophenol
Concen: 56.220 ng
RT: 5.858 min Scan# 395
Delta R.T. 0.004 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:112 Resp: 145870
Ion Ratio Lower Upper
112 100
64 60.1 47.8 71.6
63 33.9 27.8 41.8

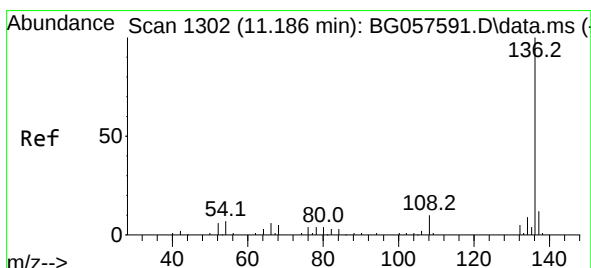
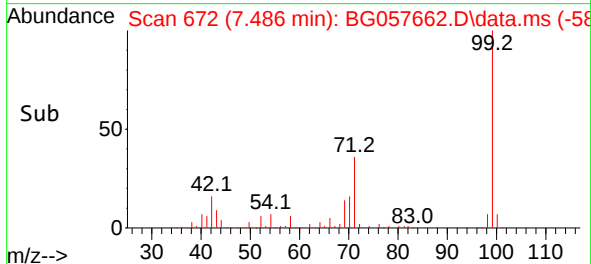
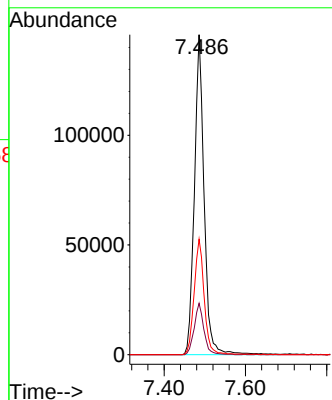
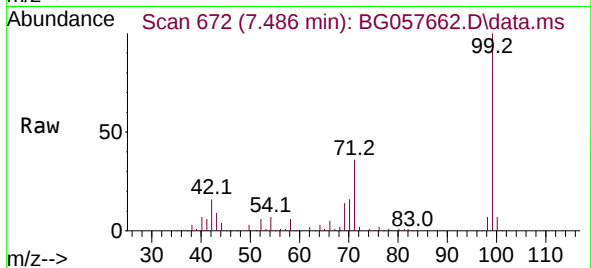




#7
Phenol-d6
Concen: 59.939 ng
RT: 7.486 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

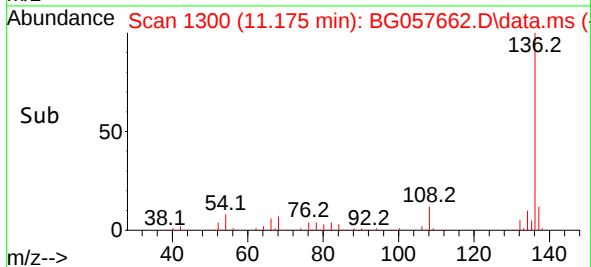
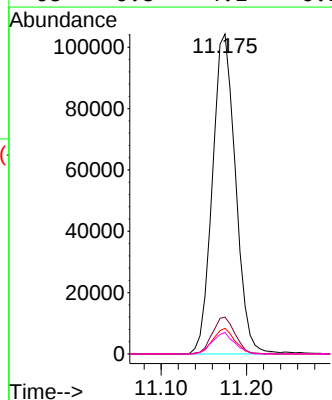
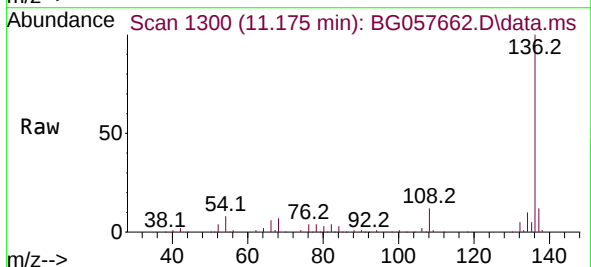
Instrument :
BNA_G
ClientSampleId :
PB153118TB

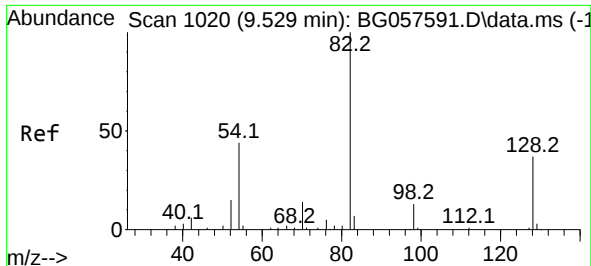
Tgt Ion: 99 Resp: 243389
Ion Ratio Lower Upper
99 100
42 16.0 12.8 19.2
71 36.1 30.3 45.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.175 min Scan# 1300
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:136 Resp: 196701
Ion Ratio Lower Upper
136 100
137 11.5 9.8 14.8
54 8.0 5.8 8.6
68 6.8 4.1 6.1#

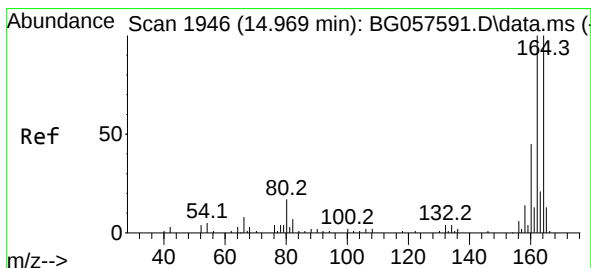
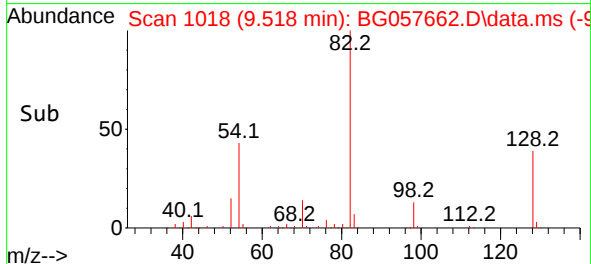
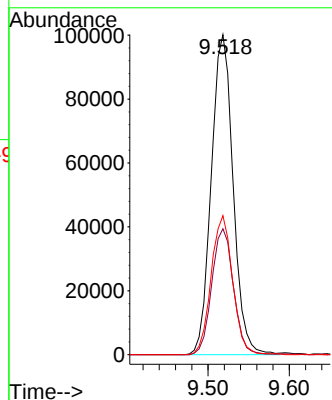
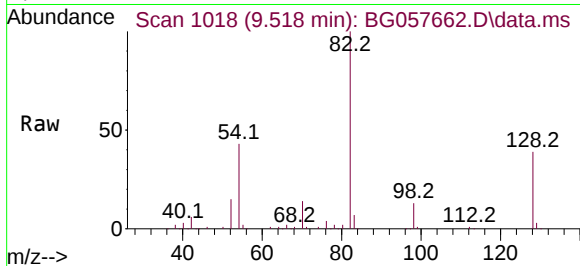




#23
Nitrobenzene-d5
Concen: 44.419 ng
RT: 9.518 min Scan# 1018
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

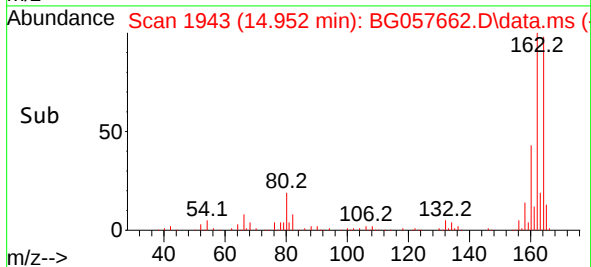
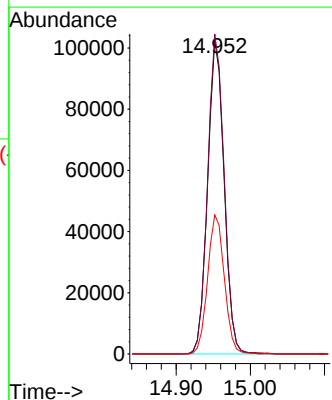
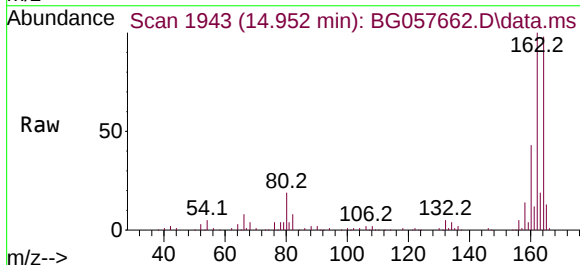
Instrument :
BNA_G
ClientSampleId :
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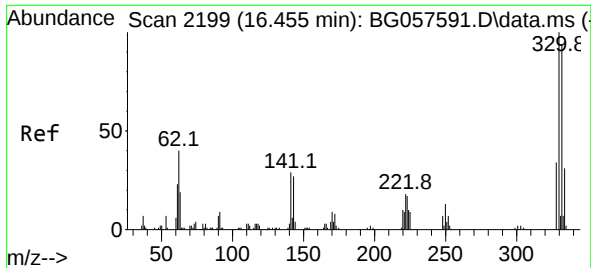
Tgt Ion: 82 Resp: 186908
Ion Ratio Lower Upper
82 100
128 39.4 30.0 45.0
54 43.4 35.2 52.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.952 min Scan# 1943
Delta R.T. -0.008 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:164 Resp: 158077
Ion Ratio Lower Upper
164 100
162 102.0 80.1 120.1
160 44.3 35.9 53.9

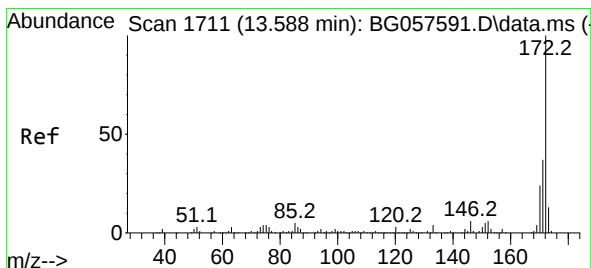
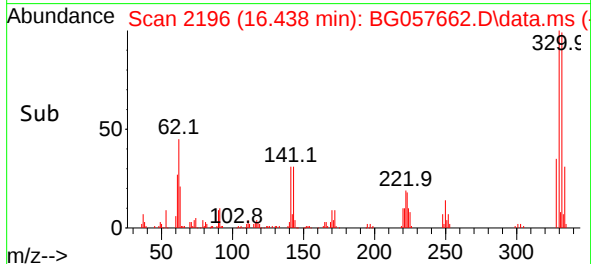
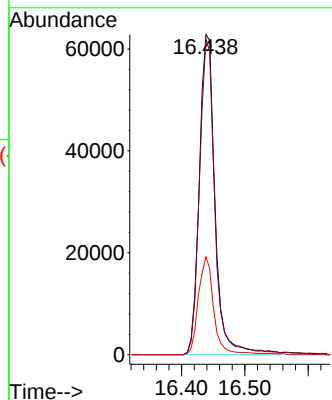
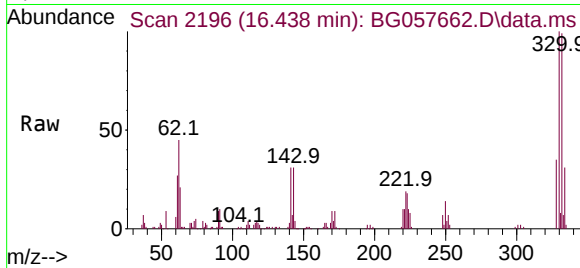




#42
2,4,6-Tribromophenol
Concen: 42.931 ng
RT: 16.438 min Scan# 2199
Delta R.T. -0.008 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

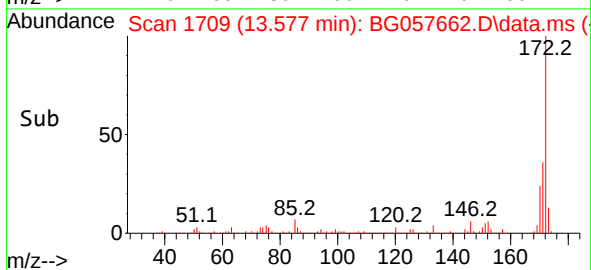
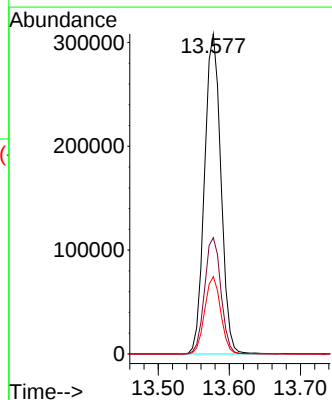
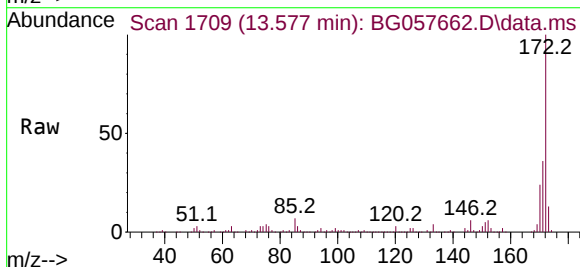
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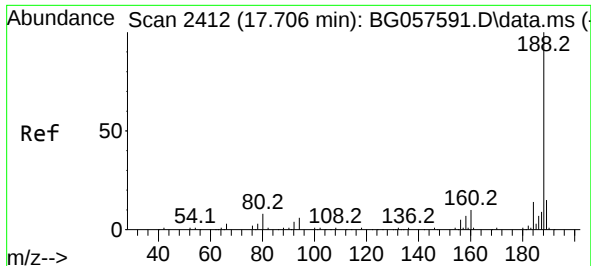
Tgt Ion:330 Resp: 108653
Ion Ratio Lower Upper
330 100
332 97.4 77.3 115.9
141 29.8 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 45.017 ng
RT: 13.577 min Scan# 1709
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:172 Resp: 495164
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.1 19.0 28.4

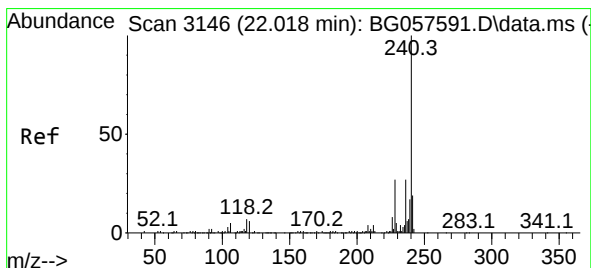
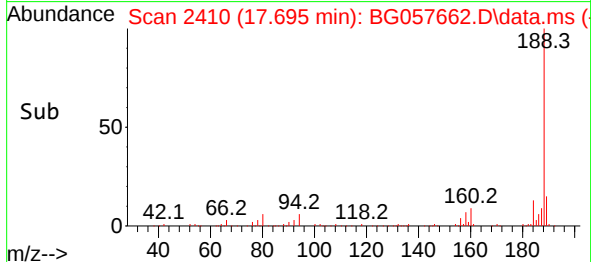
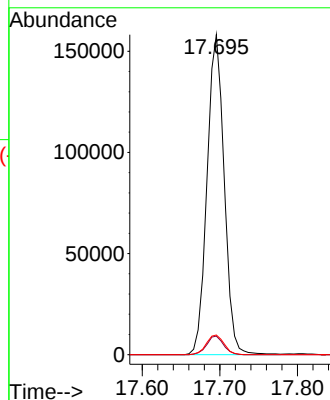
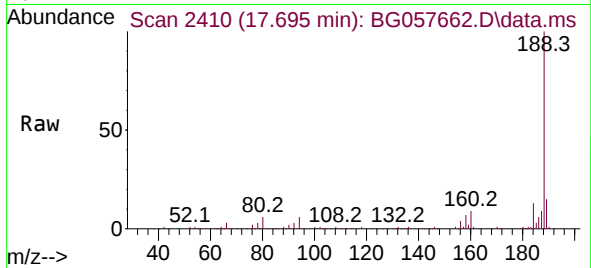




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.695 min Scan# 2412
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

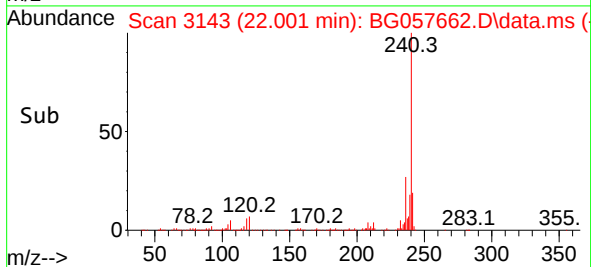
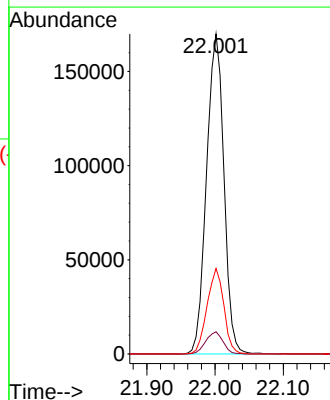
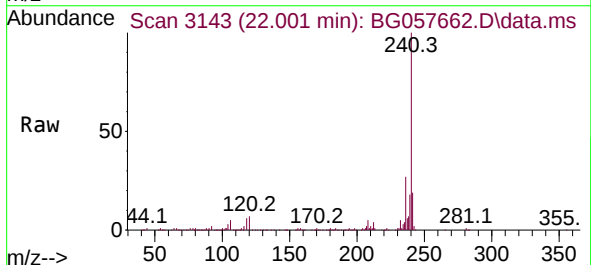
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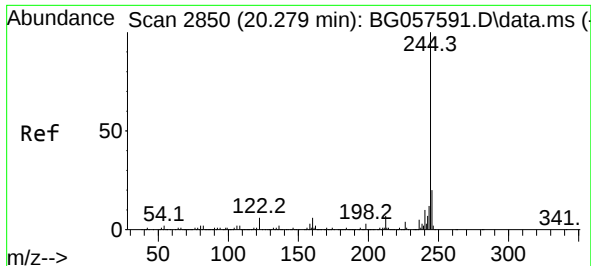
Tgt Ion:188 Resp: 243709
Ion Ratio Lower Upper
188 100
94 5.8 5.2 7.8
80 6.1 6.7 10.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.001 min Scan# 3143
Delta R.T. -0.002 min
Lab File: BG057662.D
Acq: 7 Jun 2023 8:43

Tgt Ion:240 Resp: 301291
Ion Ratio Lower Upper
240 100
120 7.0 5.2 7.8
236 26.7 21.4 32.0

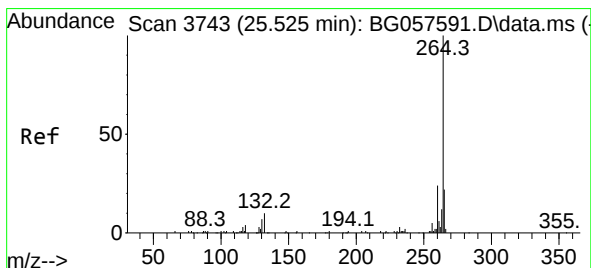
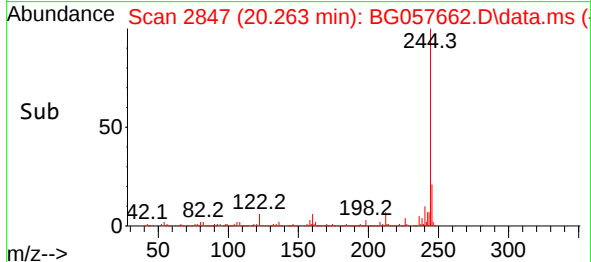
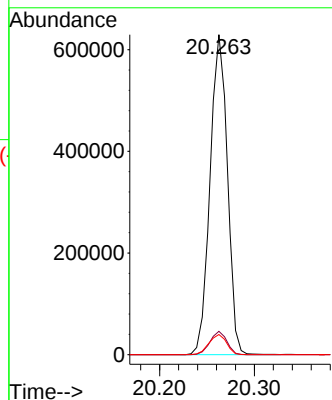
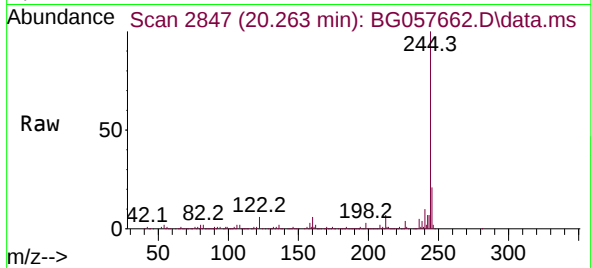




#79
 Terphenyl-d14
 Concen: 45.986 ng
 RT: 20.263 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG057662.D
 Acq: 7 Jun 2023 8:43

Instrument :
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Tgt Ion:244 Resp: 799852
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.6 8.4
 122 6.3 4.8 7.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.491 min Scan# 3737
 Delta R.T. -0.008 min
 Lab File: BG057662.D
 Acq: 7 Jun 2023 8:43

Tgt Ion:264 Resp: 378443
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.1 28.7
 265 22.2 17.7 26.5

