

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083023\
 Data File : BG058903.D
 Acq On : 30 Aug 2023 20:05
 Operator : MA/JU
 Sample : 04196-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-03

Quant Time: Aug 31 01:41:00 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 01:27:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.761	152	13388	20.000	ng	0.00
21) Naphthalene-d8	10.558	136	56837	20.000	ng	# 0.00
39) Acenaphthene-d10	14.412	164	46266	20.000	ng	0.00
64) Phenanthrene-d10	17.156	188	117631	20.000	ng	0.00
76) Chrysene-d12	21.398	240	94956	20.000	ng	0.00
86) Perylene-d12	24.430	264	112054	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.335	112	132288	159.012	ng	0.00
7) Phenol-d6	6.939	99	171640	147.050	ng	0.00
23) Nitrobenzene-d5	8.925	82	127801	108.105	ng	0.00
42) 2,4,6-Tribromophenol	15.911	330	121926	168.071	ng	0.00
45) 2-Fluorobiphenyl	13.032	172	320343	100.706	ng	0.00
79) Terphenyl-d14	19.783	244	645133	121.993	ng	0.00

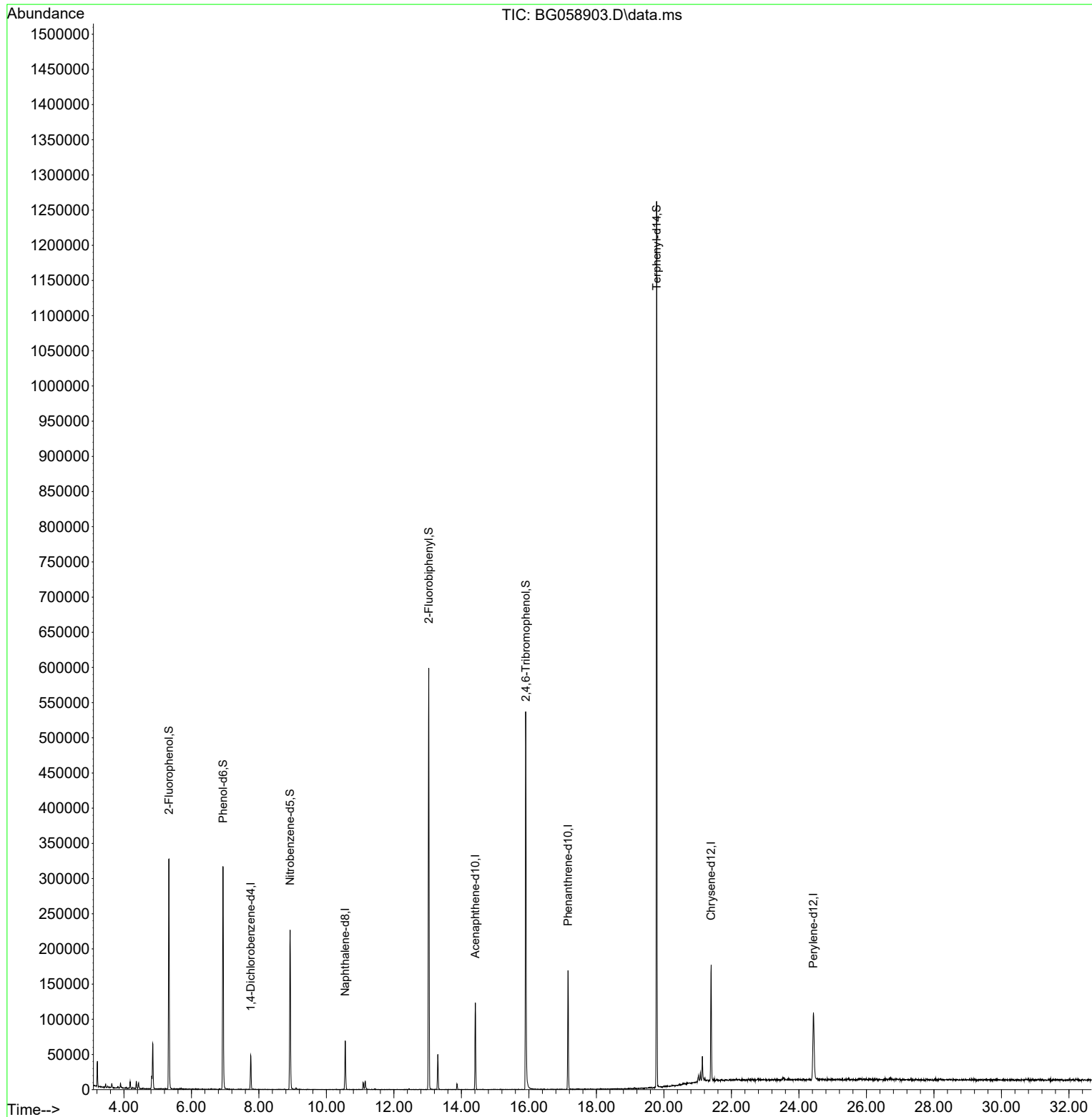
Target Compounds	Qvalue

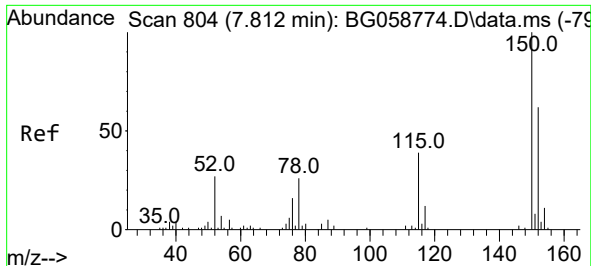
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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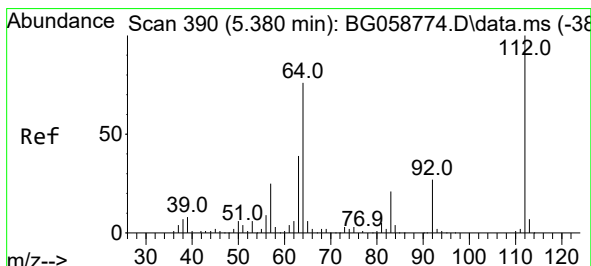
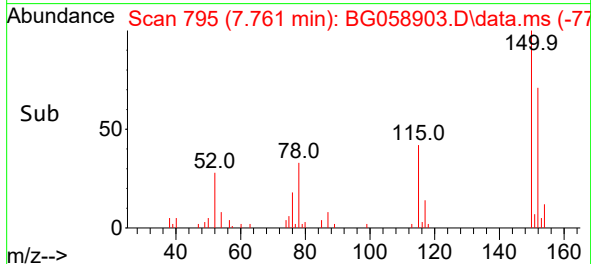
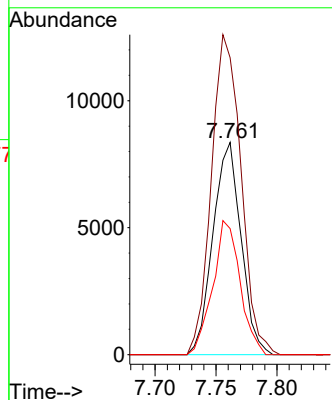
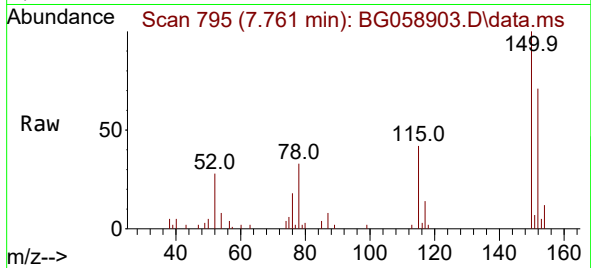




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.761 min Scan# 795
 Delta R.T. 0.002 min
 Lab File: BG058903.D
 Acq: 30 Aug 2023 20:05

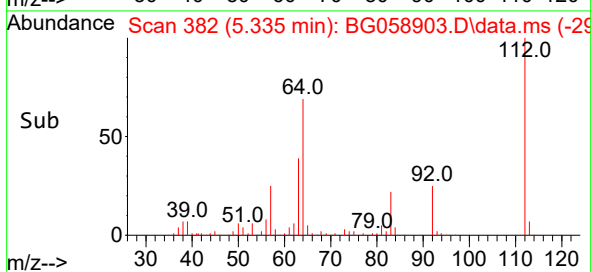
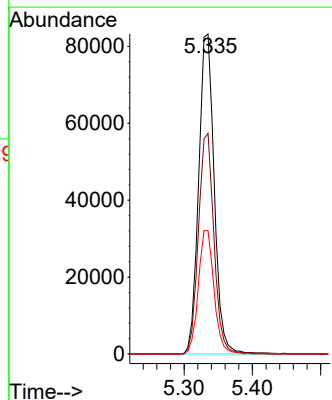
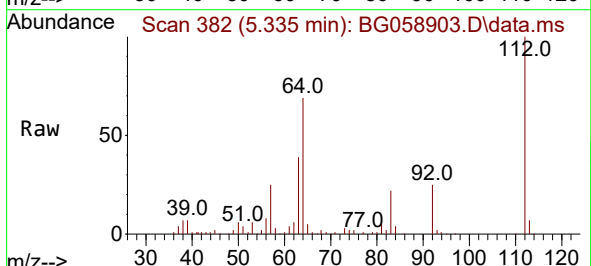
Instrument :
 BNA_G
 ClientSampleId :
 OR-345-COMP-03

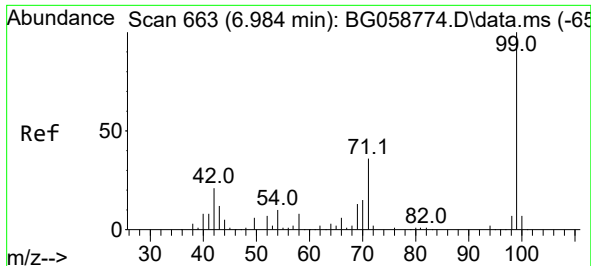
Tgt Ion:152 Resp: 13388
 Ion Ratio Lower Upper
 152 100
 150 139.9 128.6 192.8
 115 59.4 50.4 75.6



#5
 2-Fluorophenol
 Concen: 159.012 ng
 RT: 5.335 min Scan# 382
 Delta R.T. 0.009 min
 Lab File: BG058903.D
 Acq: 30 Aug 2023 20:05

Tgt Ion:112 Resp: 132288
 Ion Ratio Lower Upper
 112 100
 64 68.9 60.6 90.8
 63 38.5 31.0 46.4

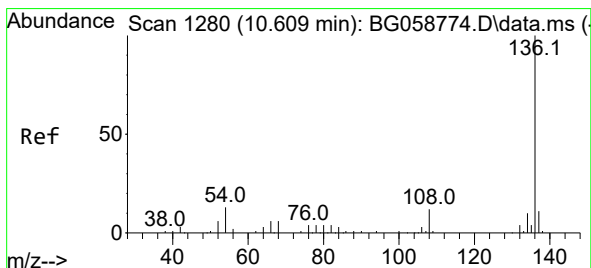
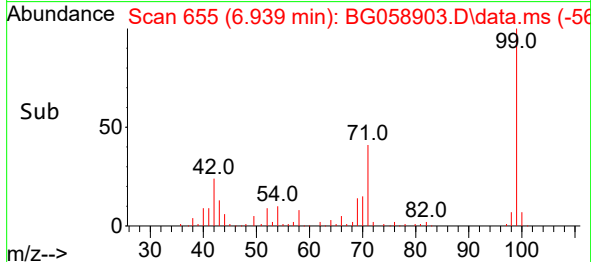
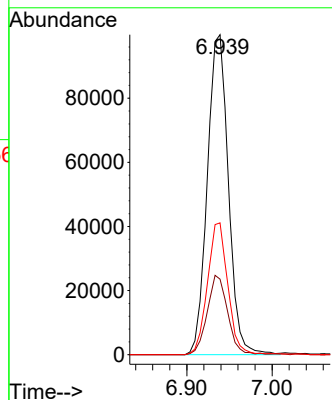
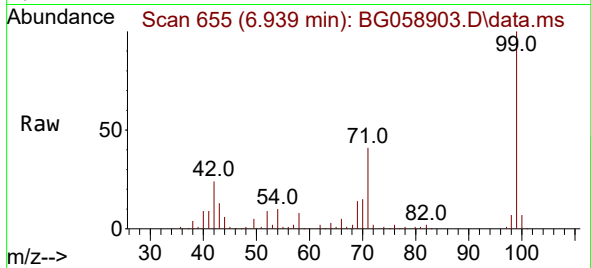




#7
Phenol-d6
Concen: 147.050 ng
RT: 6.939 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

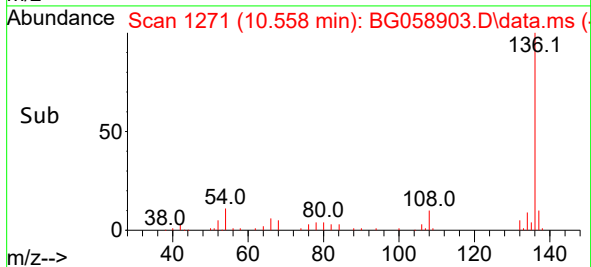
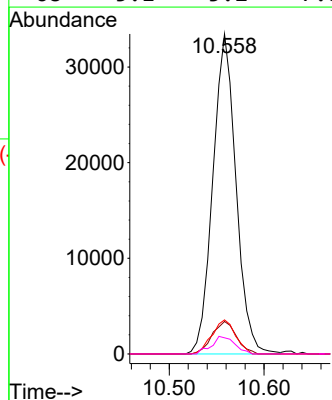
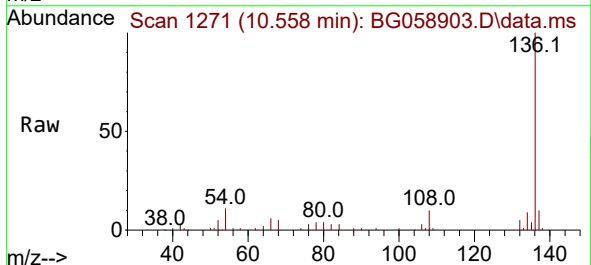
Instrument :
BNA_G
ClientSampleId :
OR-345-COMP-03

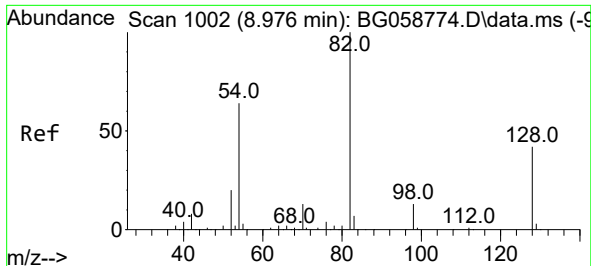
Tgt Ion: 99 Resp: 171640
Ion Ratio Lower Upper
99 100
42 23.6 16.5 24.7
71 41.2 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.558 min Scan# 1271
Delta R.T. -0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion: 136 Resp: 56837
Ion Ratio Lower Upper
136 100
137 10.1 8.7 13.1
54 10.7 10.1 15.1
68 5.1 5.2 7.8#





#23

Nitrobenzene-d5

Concen: 108.105 ng

RT: 8.925 min Scan# 91

Delta R.T. -0.003 min

Lab File: BG058903.D

Acq: 30 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

OR-345-COMP-03

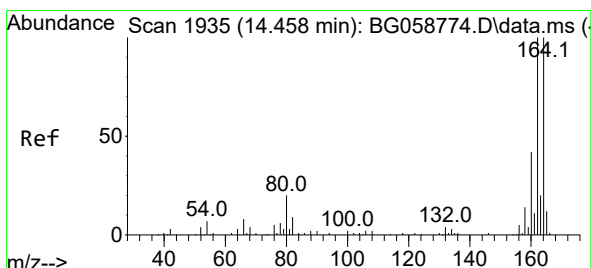
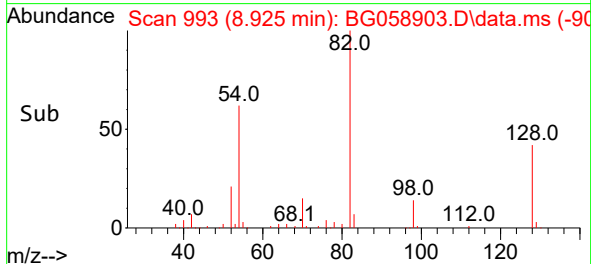
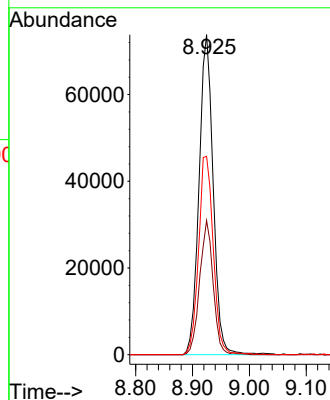
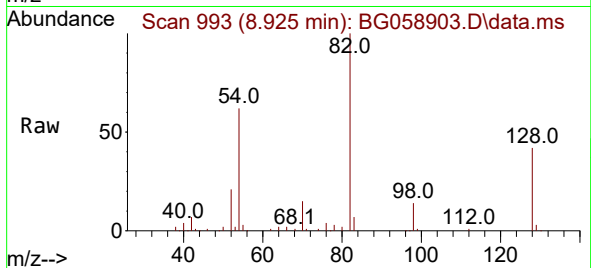
Tgt Ion: 82 Resp: 127801

Ion Ratio Lower Upper

82 100

128 41.9 33.2 49.8

54 62.0 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.412 min Scan# 1927

Delta R.T. -0.003 min

Lab File: BG058903.D

Acq: 30 Aug 2023 20:05

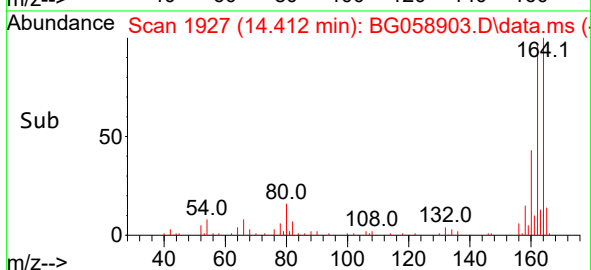
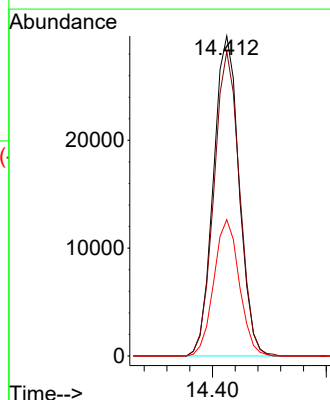
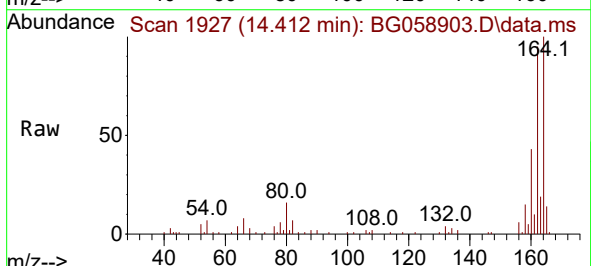
Tgt Ion: 164 Resp: 46266

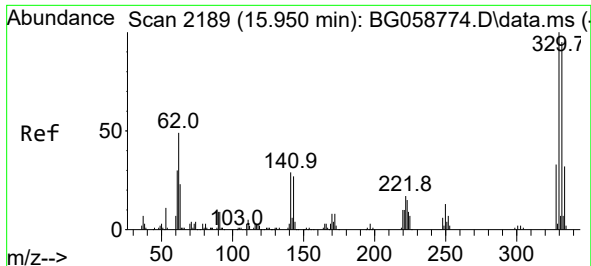
Ion Ratio Lower Upper

164 100

162 95.1 79.6 119.4

160 42.6 34.0 51.0

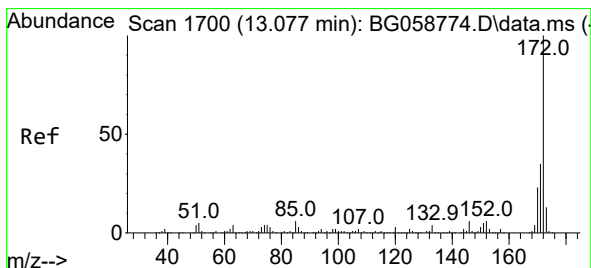
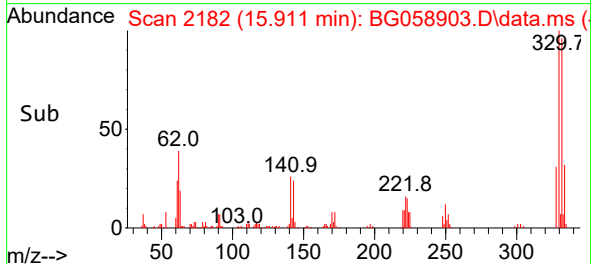
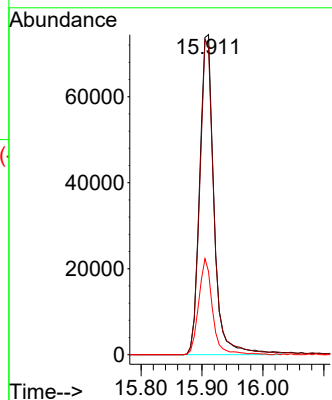
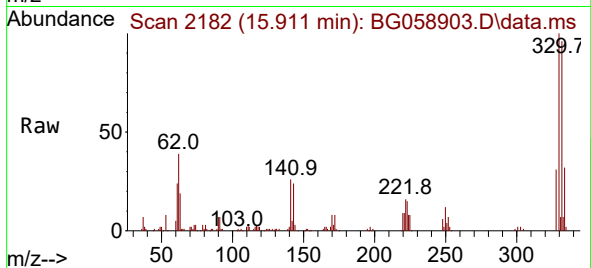




#42
2,4,6-Tribromophenol
Concen: 168.071 ng
RT: 15.911 min Scan# 2189
Delta R.T. -0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

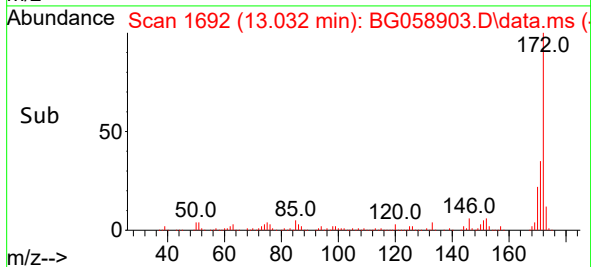
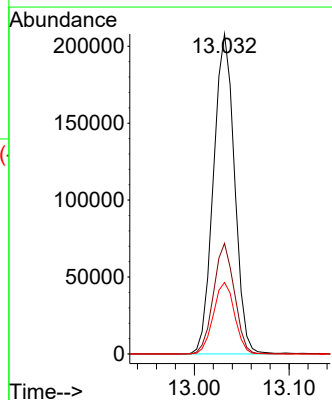
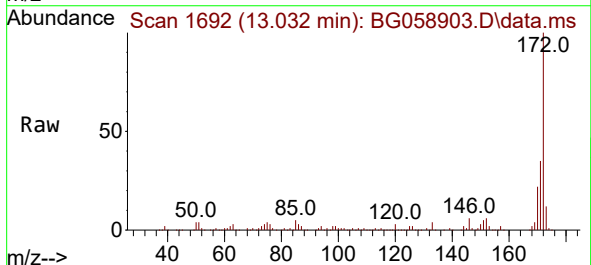
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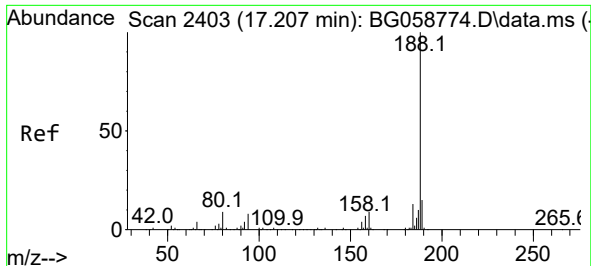
Tgt Ion:330 Resp: 121926
Ion Ratio Lower Upper
330 100
332 97.1 78.5 117.7
141 28.9 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 100.706 ng
RT: 13.032 min Scan# 1692
Delta R.T. -0.003 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

Tgt Ion:172 Resp: 320343
Ion Ratio Lower Upper
172 100
171 34.5 28.1 42.1
170 22.4 18.6 27.8

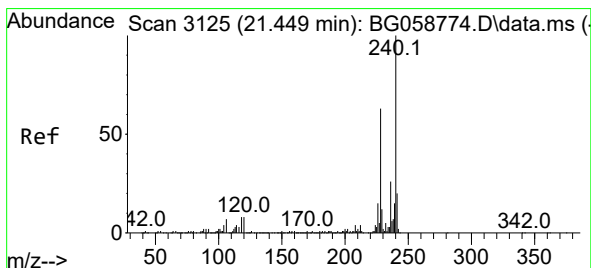
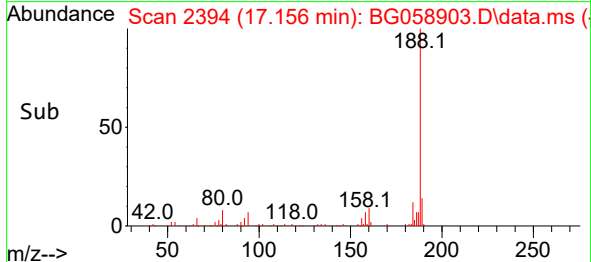
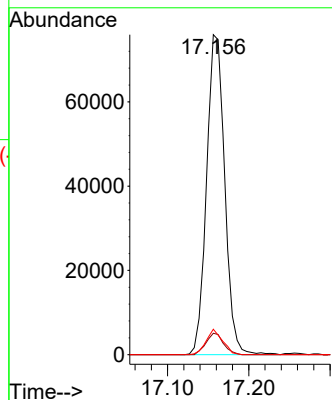
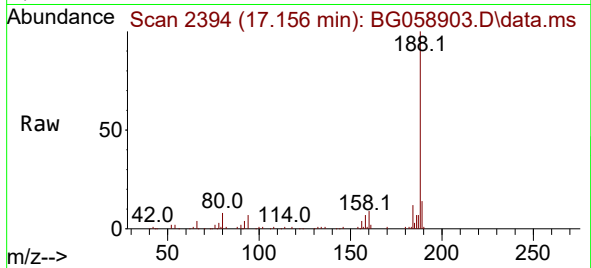




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.156 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

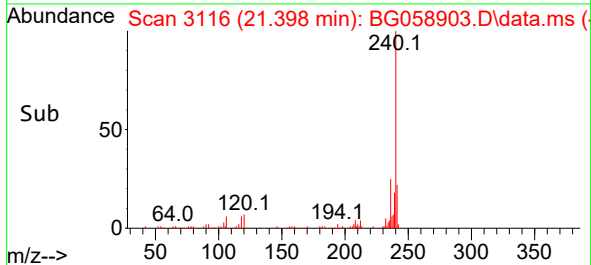
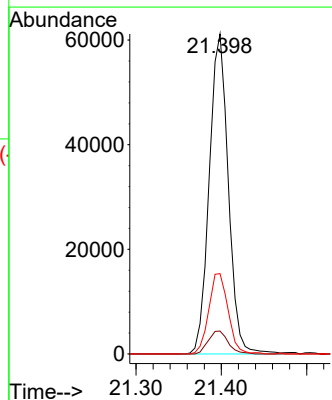
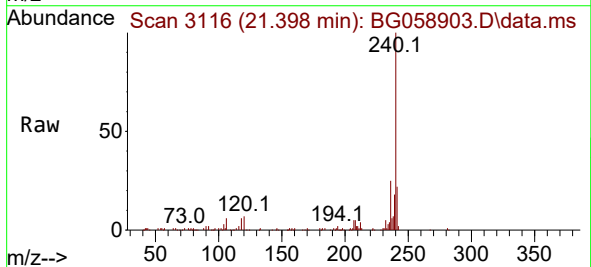
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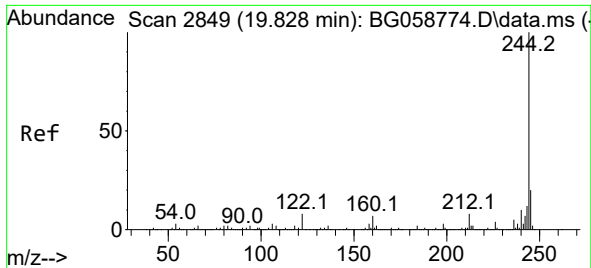
Tgt Ion:188 Resp: 117631
Ion Ratio Lower Upper
188 100
94 6.7 6.1 9.1
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3116
Delta R.T. -0.009 min
Lab File: BG058903.D
Acq: 30 Aug 2023 20:05

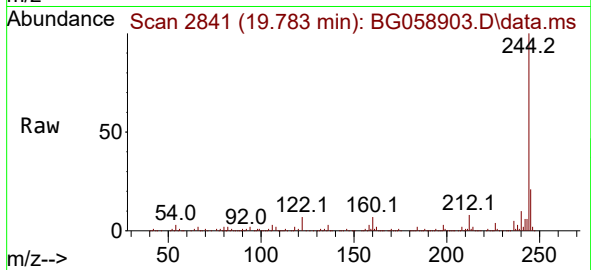
Tgt Ion:240 Resp: 94956
Ion Ratio Lower Upper
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120 7.2 6.2 9.2
236 25.1 20.5 30.7



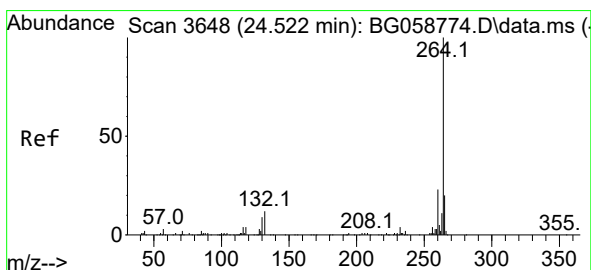
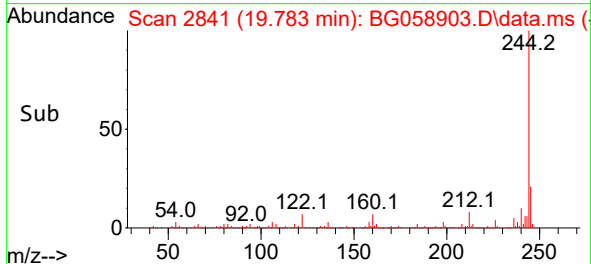
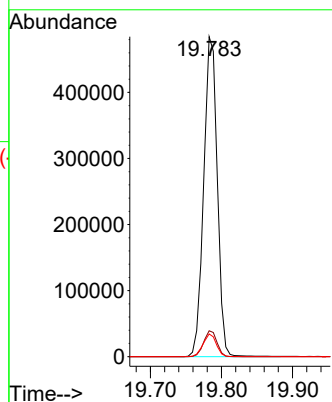


#79
 Terphenyl-d14
 Concen: 121.993 ng
 RT: 19.783 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG058903.D
 Acq: 30 Aug 2023 20:05

Instrument :
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Tgt Ion:244 Resp: 645133
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 7.1 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.430 min Scan# 3632
 Delta R.T. -0.009 min
 Lab File: BG058903.D
 Acq: 30 Aug 2023 20:05

Tgt Ion:264 Resp: 112054
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.2 27.2
 265 21.4 16.4 24.6

