

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058879.D
 Acq On : 28 Aug 2023 18:47
 Operator : MA/JU
 Sample : 04188-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-6

Quant Time: Aug 29 01:14:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 27 03:38:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	14202	20.000	ng	-0.03
21) Naphthalene-d8	10.604	136	56062	20.000	ng	-0.03
39) Acenaphthene-d10	14.453	164	36550	20.000	ng	-0.02
64) Phenanthrene-d10	17.202	188	93506	20.000	ng	-0.02
76) Chrysene-d12	21.439	240	93719	20.000	ng	-0.03
86) Perylene-d12	24.506	264	75175	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	128169	145.231	ng	-0.02
7) Phenol-d6	6.979	99	149964	121.116	ng	-0.03
23) Nitrobenzene-d5	8.965	82	108894	93.385	ng	-0.03
42) 2,4,6-Tribromophenol	15.945	330	88729	154.824	ng	-0.02
45) 2-Fluorobiphenyl	13.072	172	246622	98.140	ng	-0.03
79) Terphenyl-d14	19.817	244	539122	103.292	ng	-0.02

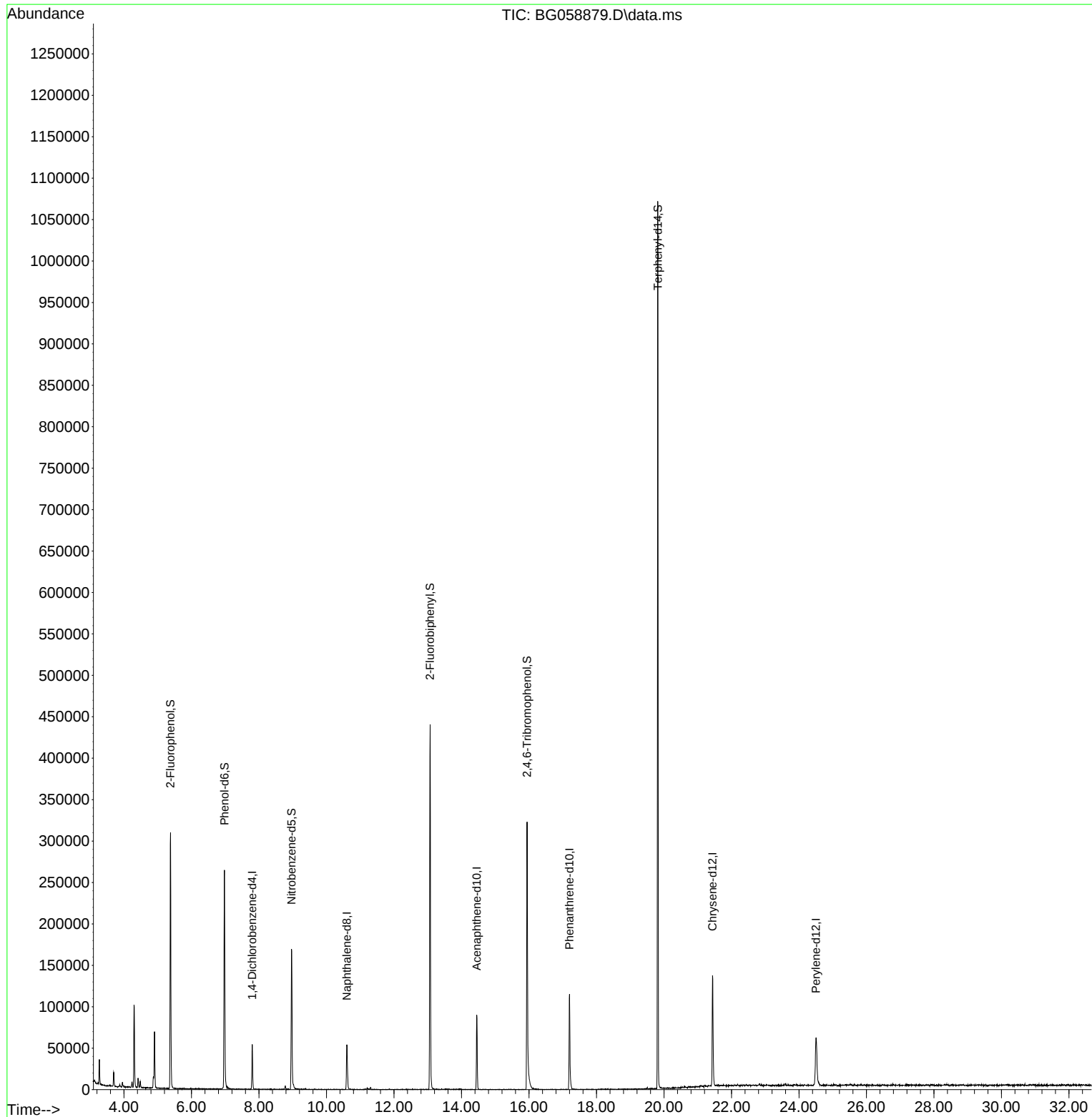
Target Compounds	Qvalue

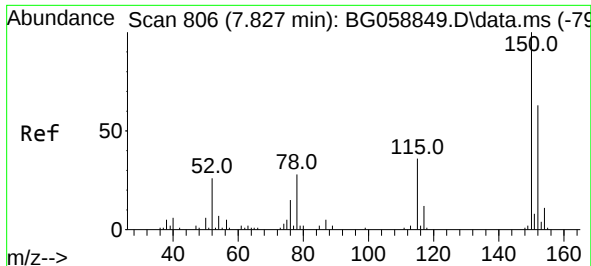
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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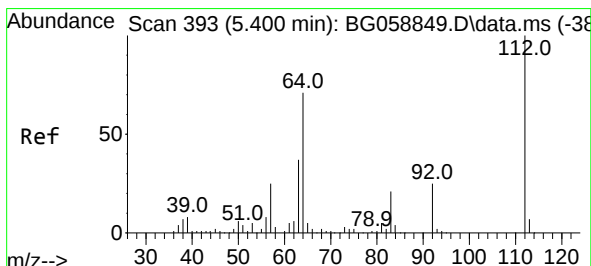
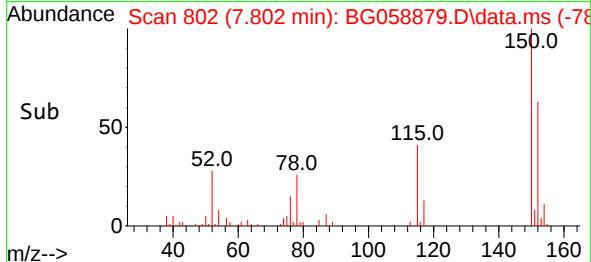
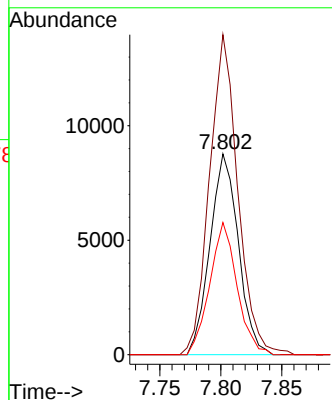
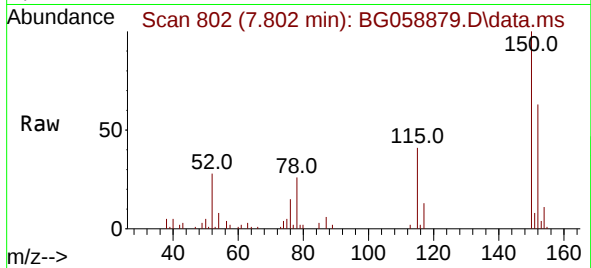




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.802 min Scan# 80
 Delta R.T. -0.025 min
 Lab File: BG058879.D
 Acq: 28 Aug 2023 18:47

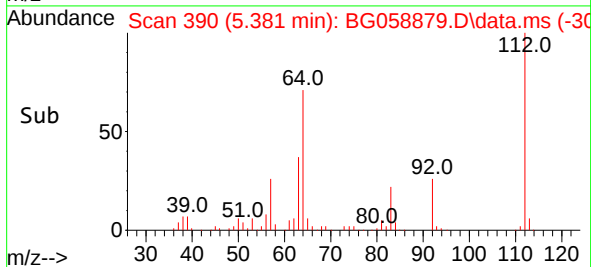
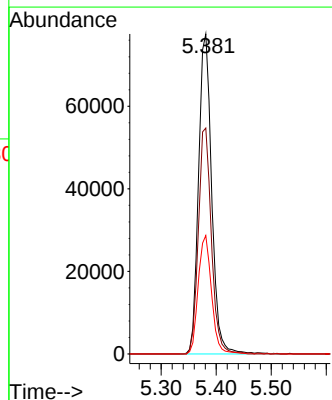
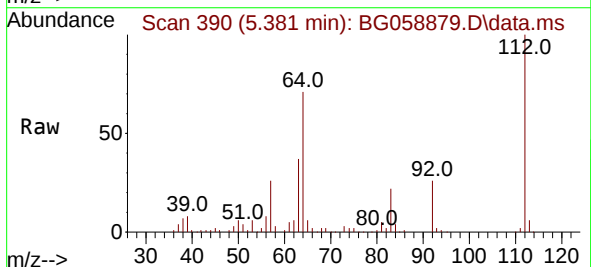
Instrument :
 BNA_G
 ClientSampleId :
 WC-6

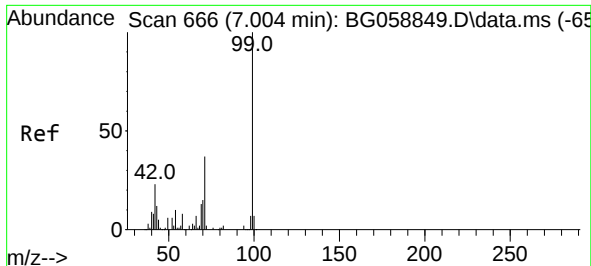
Tgt Ion:152 Resp: 14202
 Ion Ratio Lower Upper
 152 100
 150 159.4 128.6 192.8
 115 65.8 50.4 75.6



#5
 2-Fluorophenol
 Concen: 145.231 ng
 RT: 5.381 min Scan# 390
 Delta R.T. -0.019 min
 Lab File: BG058879.D
 Acq: 28 Aug 2023 18:47

Tgt Ion:112 Resp: 128169
 Ion Ratio Lower Upper
 112 100
 64 70.6 60.6 90.8
 63 37.0 31.0 46.4

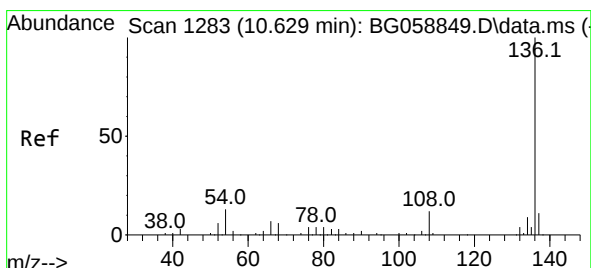
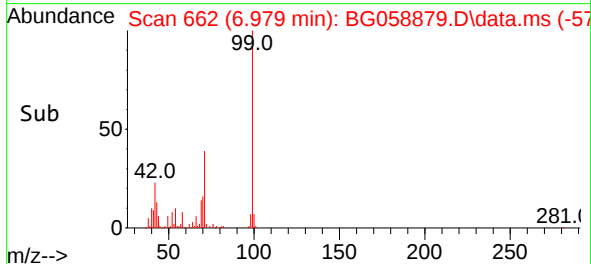
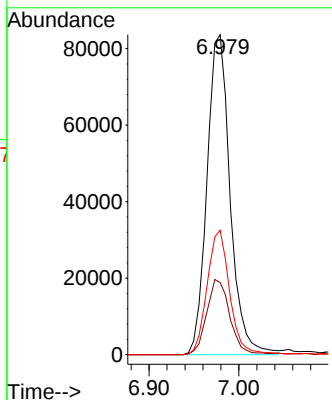
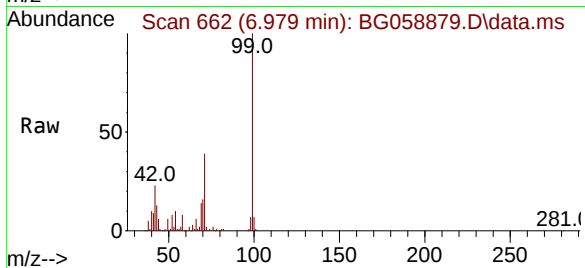




#7
Phenol-d6
Concen: 121.116 ng
RT: 6.979 min Scan# 61
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

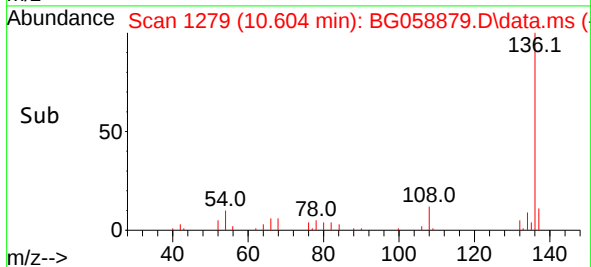
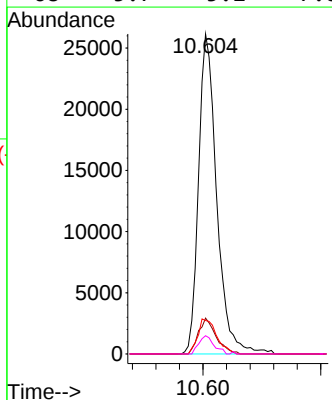
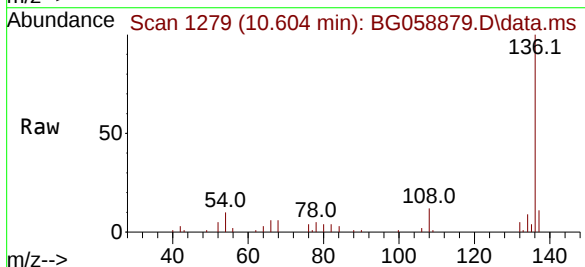
Instrument :
BNA_G
ClientSampleId :
WC-6

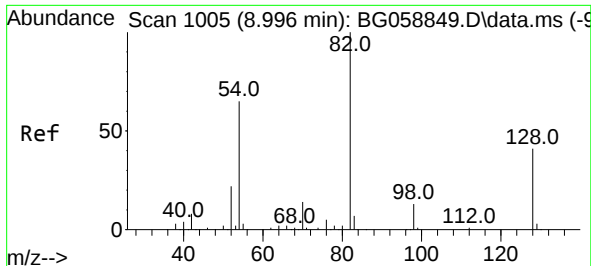
Tgt Ion: 99 Resp: 149964
Ion Ratio Lower Upper
99 100
42 22.6 16.5 24.7
71 38.9 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.604 min Scan# 1279
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion: 136 Resp: 56062
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 10.5 10.1 15.1
68 5.7 5.2 7.8

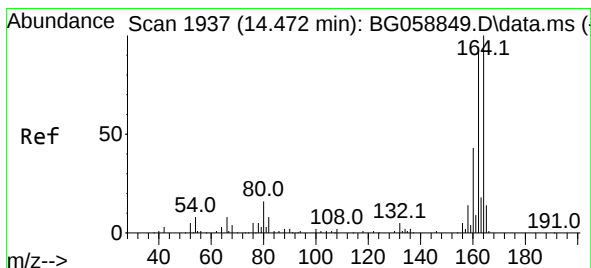
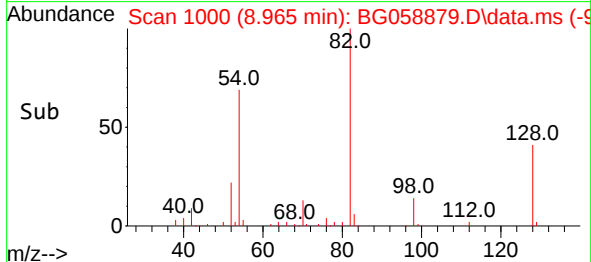
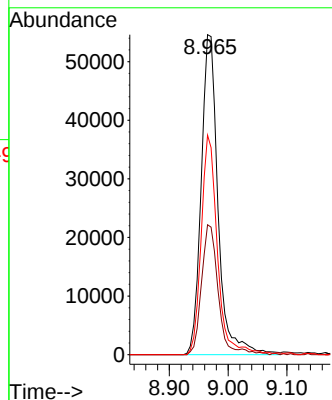
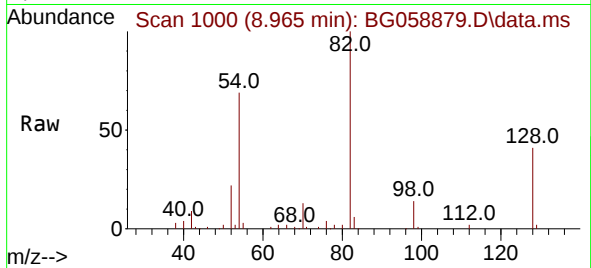




#23
Nitrobenzene-d5
Concen: 93.385 ng
RT: 8.965 min Scan# 1000
Delta R.T. -0.031 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

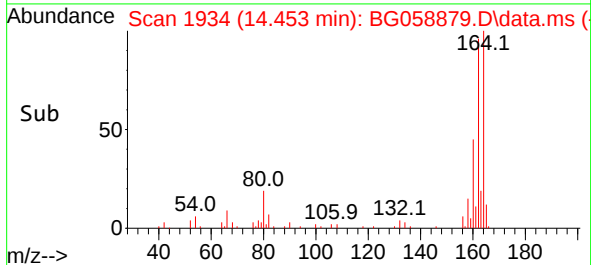
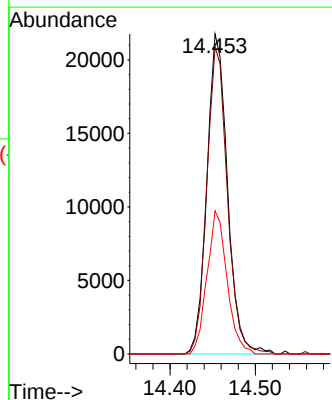
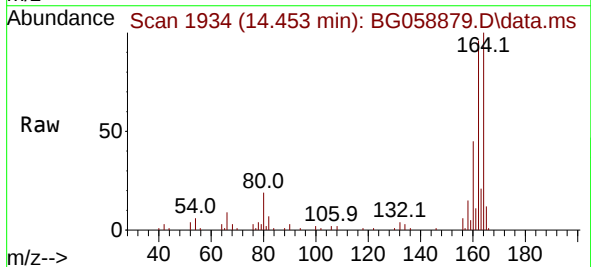
Instrument :
BNA_G
ClientSampleId :
WC-6

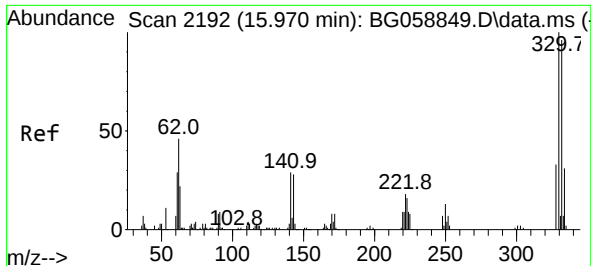
Tgt Ion: 82 Resp: 108894
Ion Ratio Lower Upper
82 100
128 40.6 33.2 49.8
54 68.6 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.453 min Scan# 1934
Delta R.T. -0.019 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:164 Resp: 36550
Ion Ratio Lower Upper
164 100
162 95.9 79.6 119.4
160 44.8 34.0 51.0

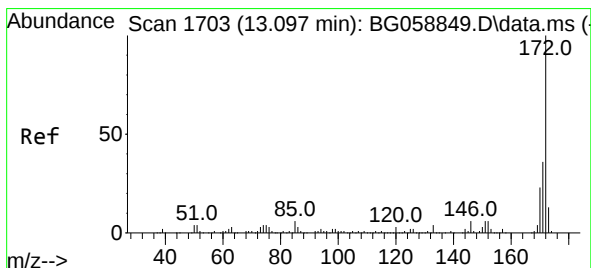
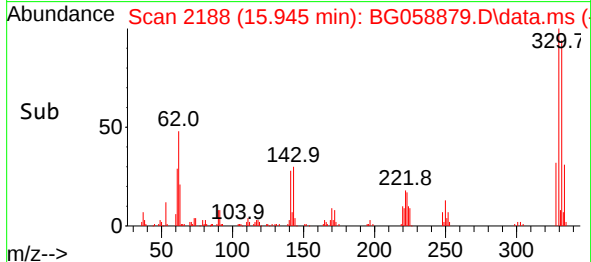
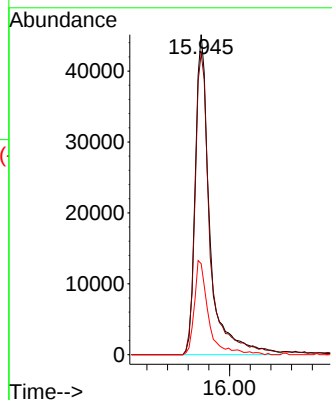
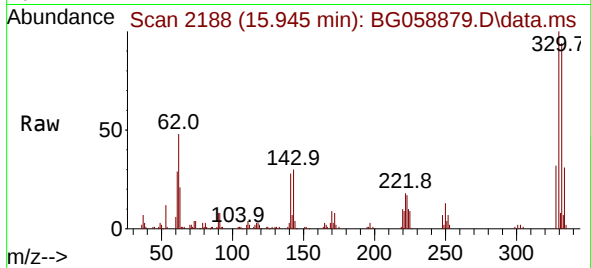




#42
2,4,6-Tribromophenol
Concen: 154.824 ng
RT: 15.945 min Scan# 2192
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

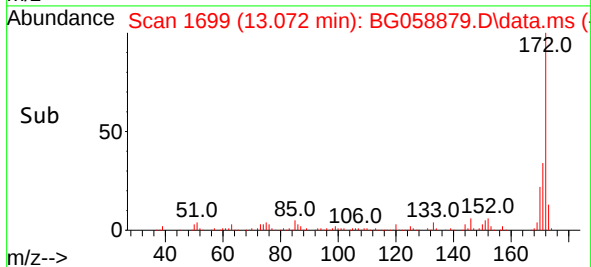
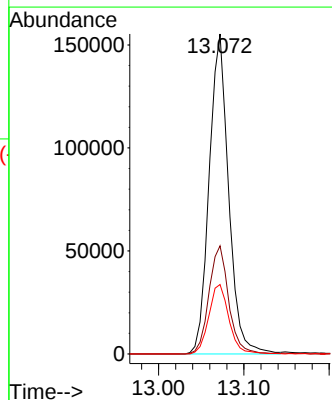
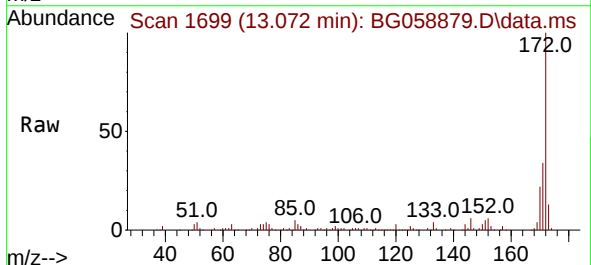
Instrument :
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ClientSampleId :
WC-6

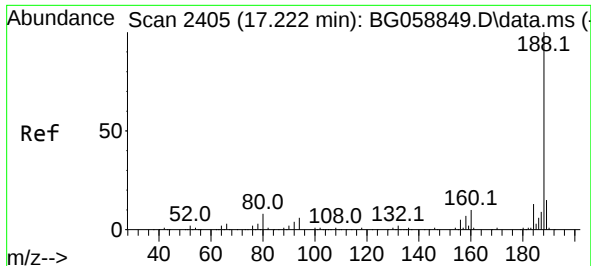
Tgt Ion:330 Resp: 88729
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 28.5 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 98.140 ng
RT: 13.072 min Scan# 1699
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:172 Resp: 246622
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 21.7 18.6 27.8

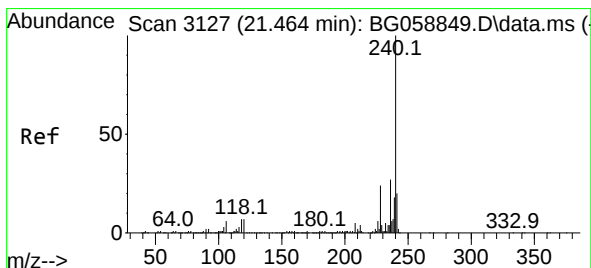
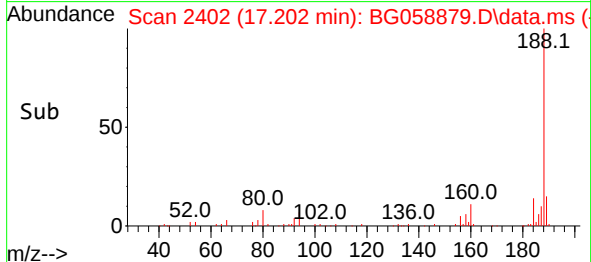
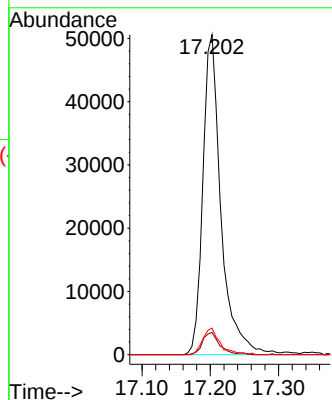
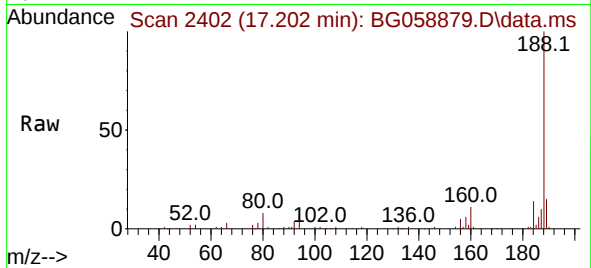




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.202 min Scan# 2402
Delta R.T. -0.019 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

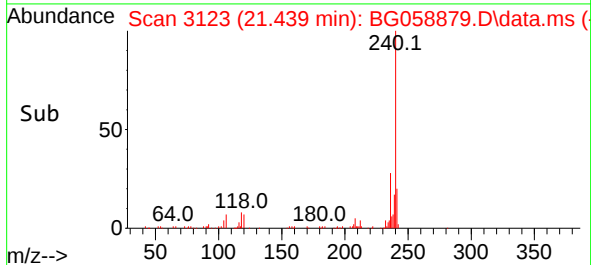
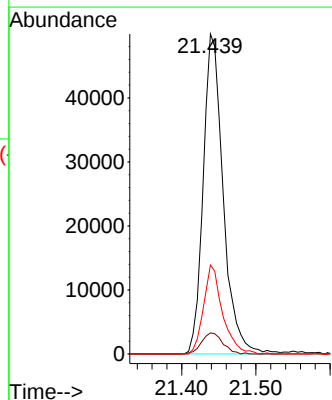
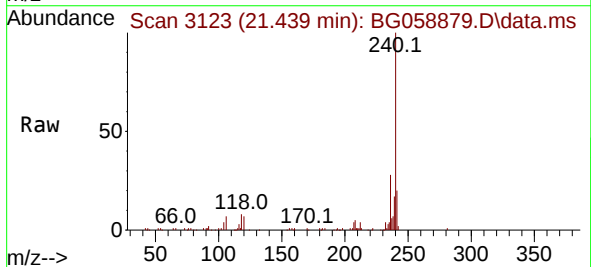
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ClientSampleId :
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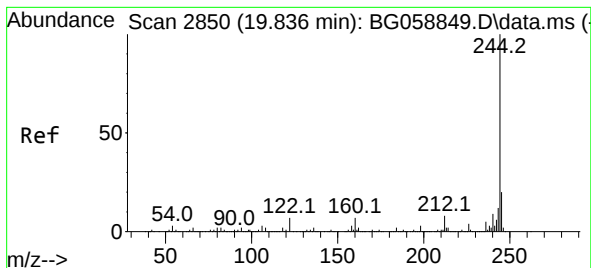
Tgt Ion:188 Resp: 93506
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.439 min Scan# 3123
Delta R.T. -0.025 min
Lab File: BG058879.D
Acq: 28 Aug 2023 18:47

Tgt Ion:240 Resp: 93719
Ion Ratio Lower Upper
240 100
120 6.6 6.2 9.2
236 27.8 20.5 30.7





#79

Terphenyl-d14

Concen: 103.292 ng

RT: 19.817 min Scan# 2847

Delta R.T. -0.019 min

Lab File: BG058879.D

Acq: 28 Aug 2023 18:47

Instrument :

BNA_G

ClientSampleId :

WC-6

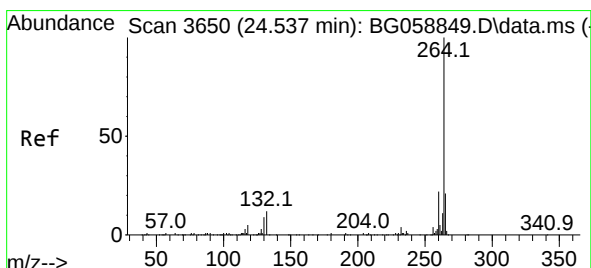
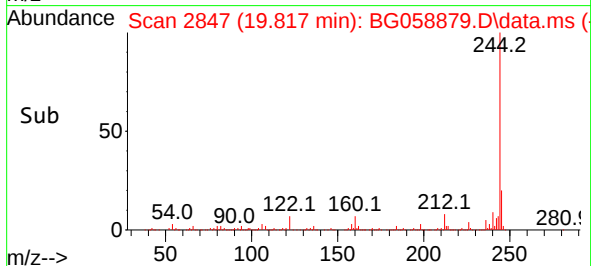
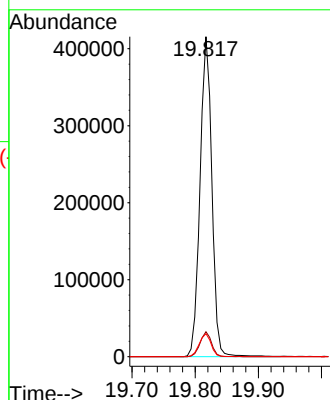
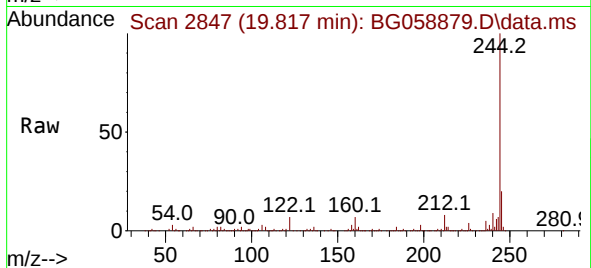
Tgt Ion:244 Resp: 539122

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 7.2 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.506 min Scan# 3645

Delta R.T. -0.031 min

Lab File: BG058879.D

Acq: 28 Aug 2023 18:47

Tgt Ion:264 Resp: 75175

Ion Ratio Lower Upper

264 100

260 20.3 18.2 27.2

265 21.6 16.4 24.6

