

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082823\
 Data File : BG058878.D
 Acq On : 28 Aug 2023 18:06
 Operator : MA/JU
 Sample : 04188-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-4

Quant Time: Aug 29 01:14:39 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	7.803	152	17935	20.000	ng	-0.02
21) Naphthalene-d8	10.605	136	64731	20.000	ng	-0.02
39) Acenaphthene-d10	14.454	164	43182	20.000	ng	-0.02
64) Phenanthrene-d10	17.203	188	106687	20.000	ng	-0.02
76) Chrysene-d12	21.440	240	106846	20.000	ng	-0.02
86) Perylene-d12	24.507	264	122620	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.382	112	124139	111.387	ng	-0.02
7) Phenol-d6	6.980	99	148935	95.249	ng	-0.02
23) Nitrobenzene-d5	8.966	82	109401	81.255	ng	-0.03
42) 2,4,6-Tribromophenol	15.946	330	89370	131.992	ng	-0.02
45) 2-Fluorobiphenyl	13.073	172	250962	84.529	ng	-0.02
79) Terphenyl-d14	19.818	244	536751	90.203	ng	-0.02

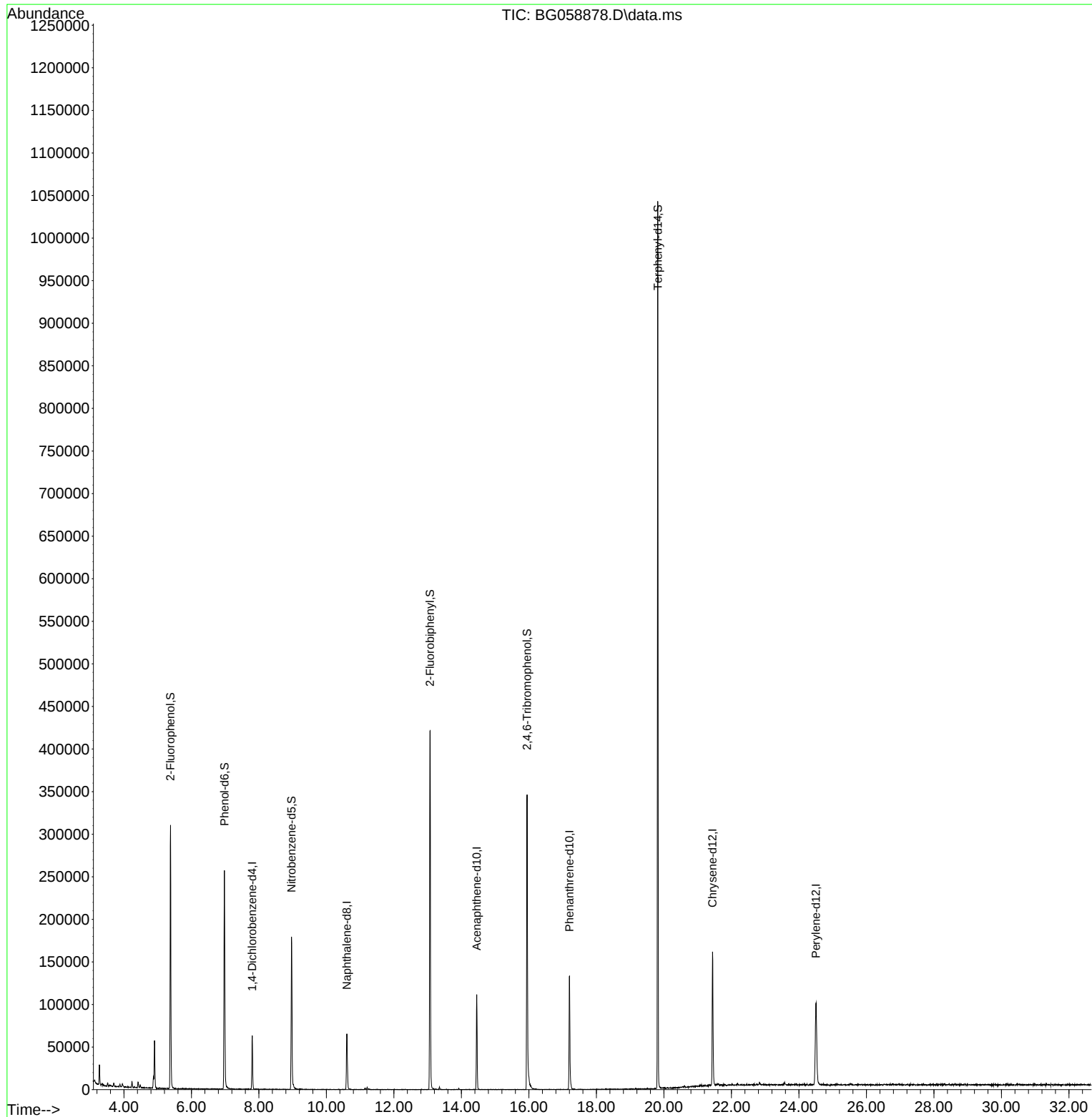
Target Compounds	Qvalue

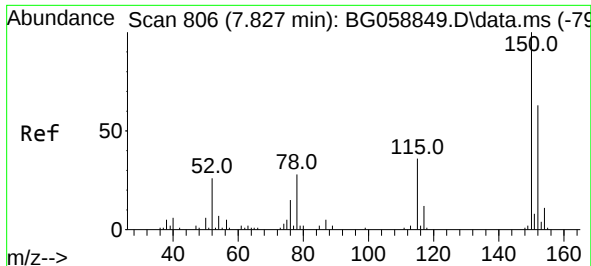
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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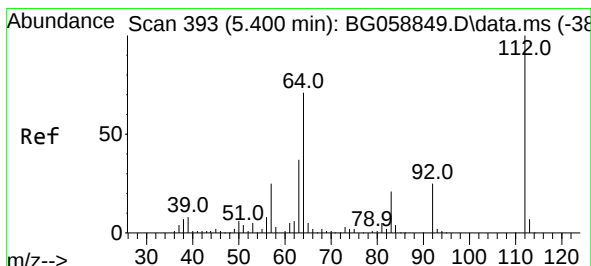
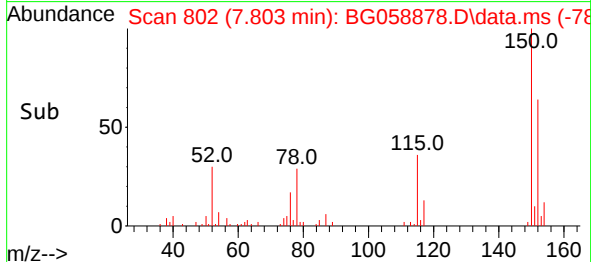
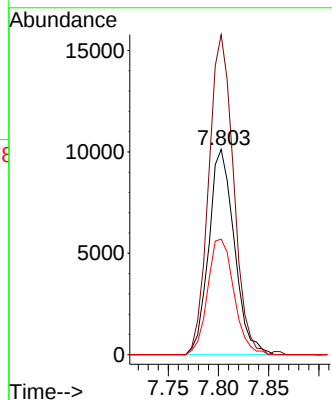
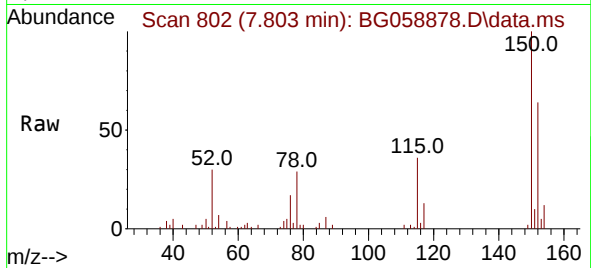




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.803 min Scan# 806
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

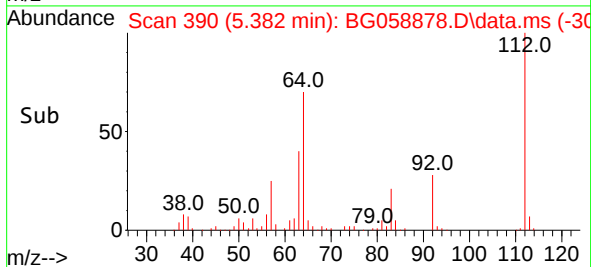
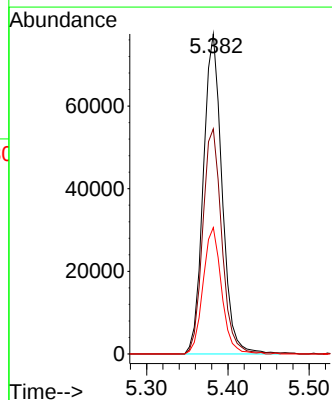
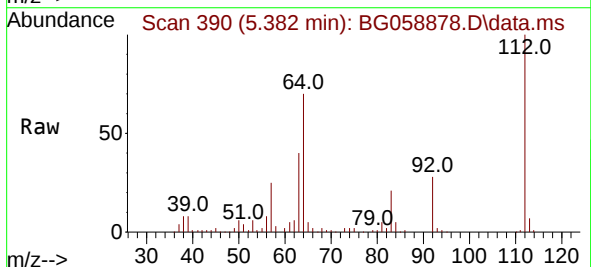
Instrument :
BNA_G
ClientSampleId :
WC-4

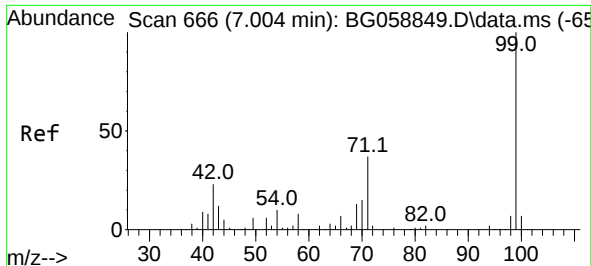
Tgt Ion:152 Resp: 17935
Ion Ratio Lower Upper
152 100
150 155.9 128.6 192.8
115 56.3 50.4 75.6



#5
2-Fluorophenol
Concen: 111.387 ng
RT: 5.382 min Scan# 390
Delta R.T. -0.018 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:112 Resp: 124139
Ion Ratio Lower Upper
112 100
64 70.3 60.6 90.8
63 39.5 31.0 46.4

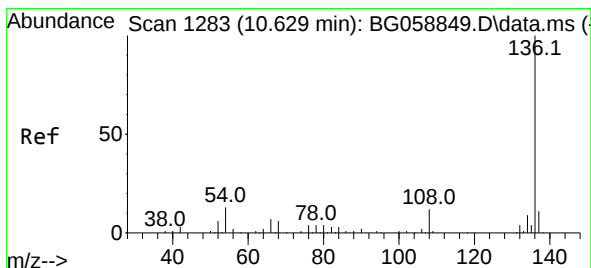
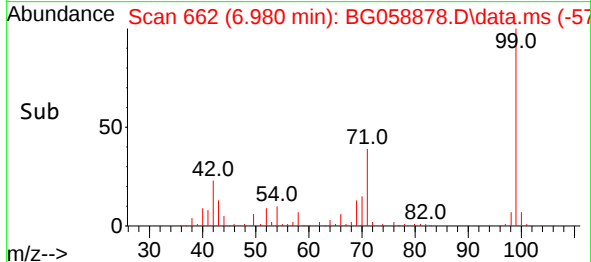
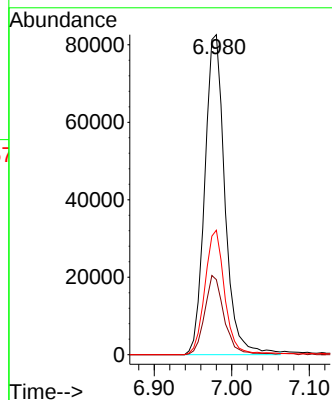
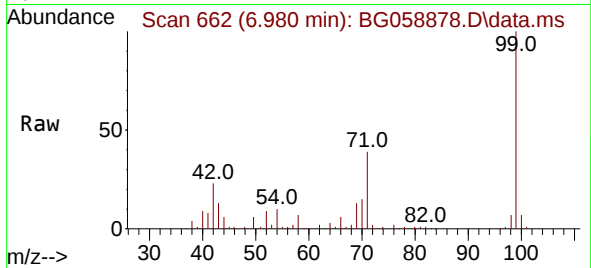




#7
Phenol-d6
Concen: 95.249 ng
RT: 6.980 min Scan# 60
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

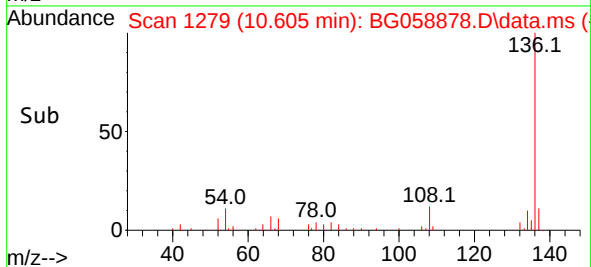
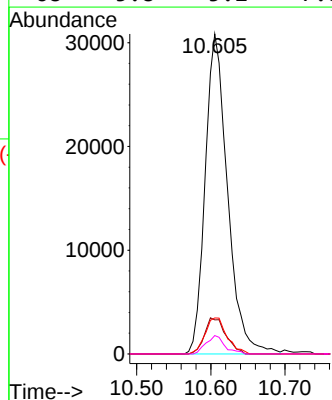
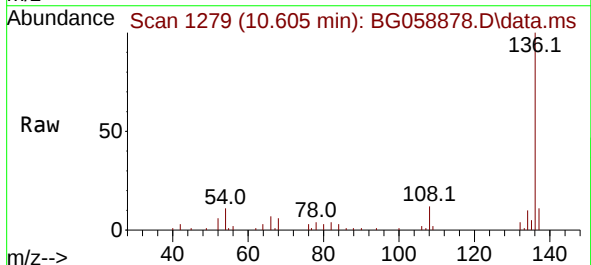
Instrument :
BNA_G
ClientSampleId :
WC-4

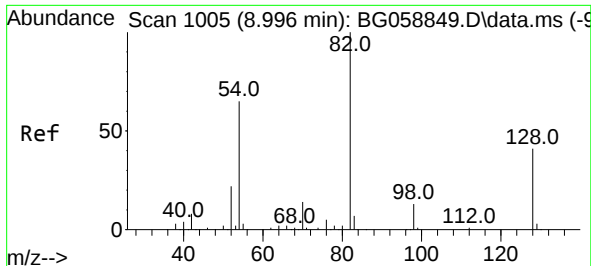
Tgt Ion: 99 Resp: 148935
Ion Ratio Lower Upper
99 100
42 23.4 16.5 24.7
71 38.9 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1279
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion: 136 Resp: 64731
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 11.3 10.1 15.1
68 5.8 5.2 7.8

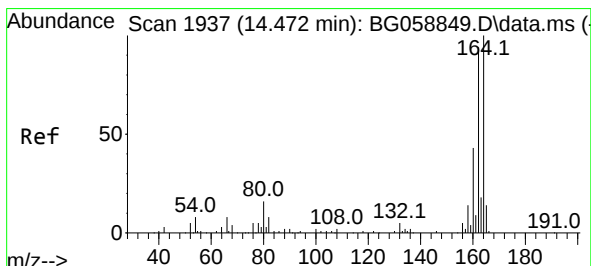
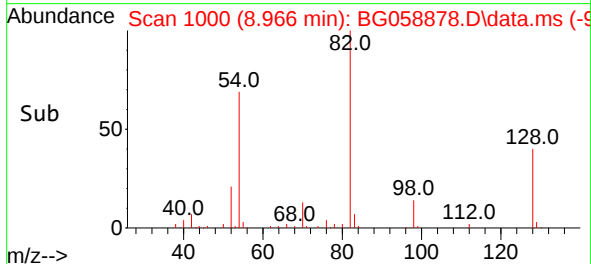
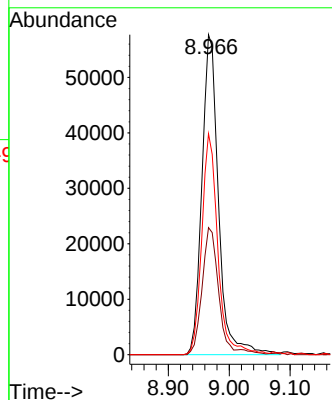
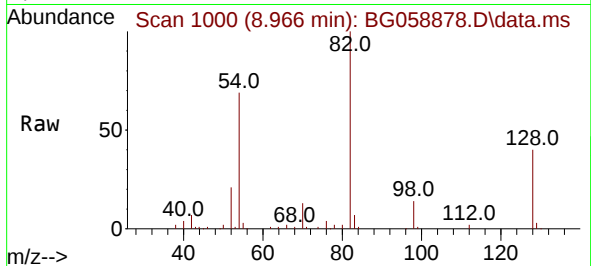




#23
Nitrobenzene-d5
Concen: 81.255 ng
RT: 8.966 min Scan# 1005
Delta R.T. -0.030 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

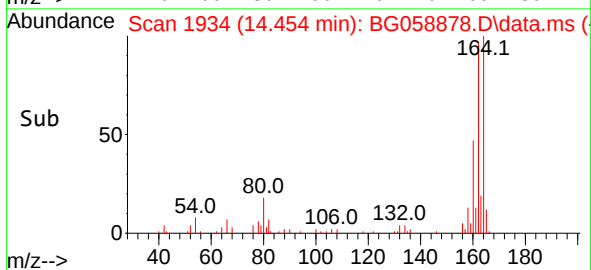
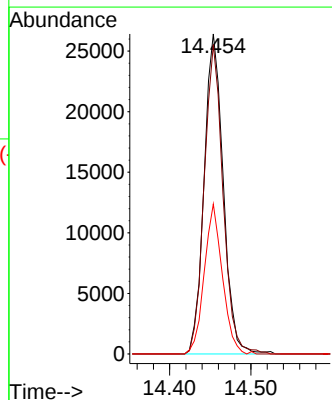
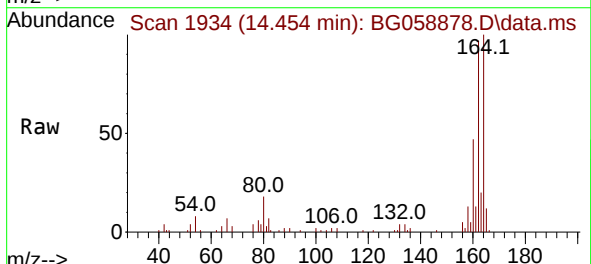
Instrument :
BNA_G
ClientSampleId :
WC-4

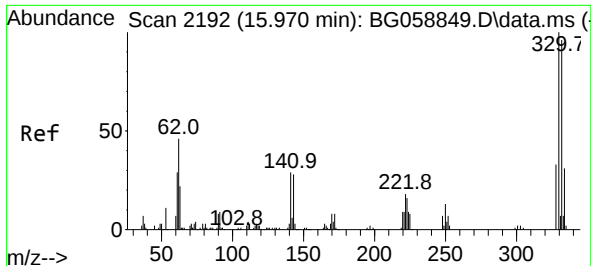
Tgt Ion: 82 Resp: 109401
Ion Ratio Lower Upper
82 100
128 39.7 33.2 49.8
54 69.1 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.454 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:164 Resp: 43182
Ion Ratio Lower Upper
164 100
162 96.7 79.6 119.4
160 46.8 34.0 51.0

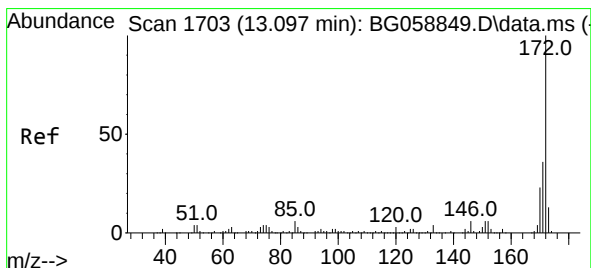
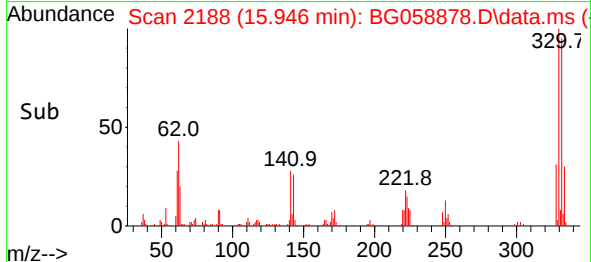
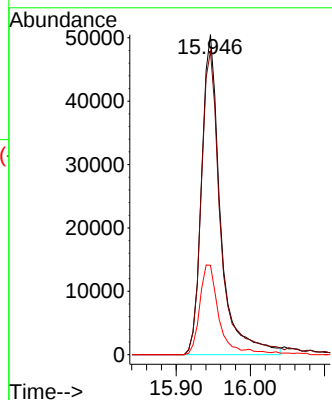
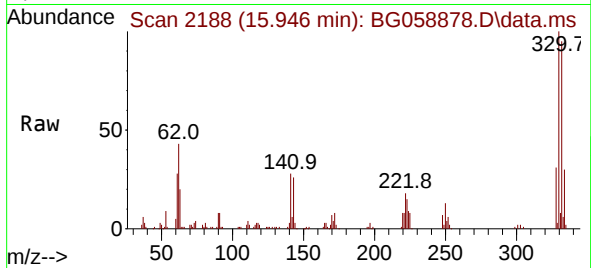




#42
2,4,6-Tribromophenol
Concen: 131.992 ng
RT: 15.946 min Scan# 21
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

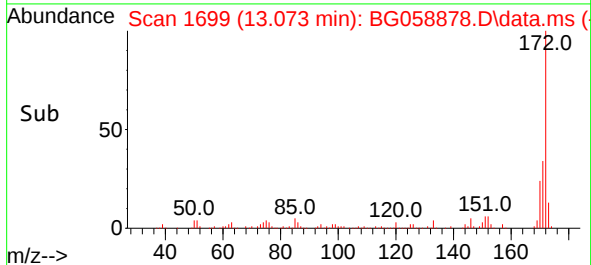
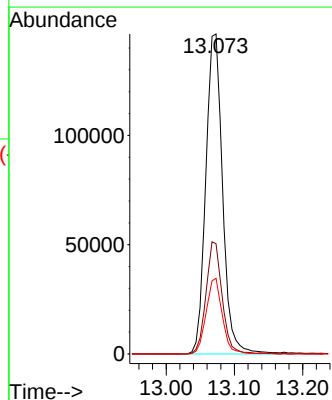
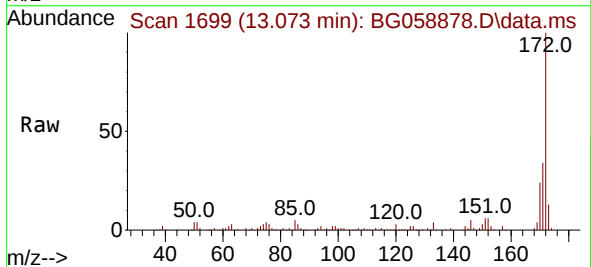
Instrument :
BNA_G
ClientSampleId :
WC-4

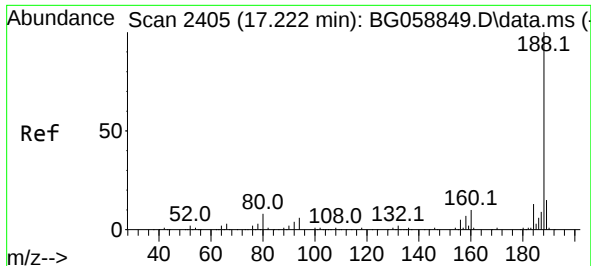
Tgt Ion:330 Resp: 89370
Ion Ratio Lower Upper
330 100
332 97.0 78.5 117.7
141 29.5 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 84.529 ng
RT: 13.073 min Scan# 1699
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:172 Resp: 250962
Ion Ratio Lower Upper
172 100
171 34.4 28.1 42.1
170 23.6 18.6 27.8

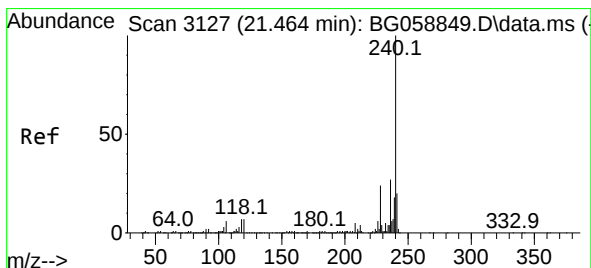
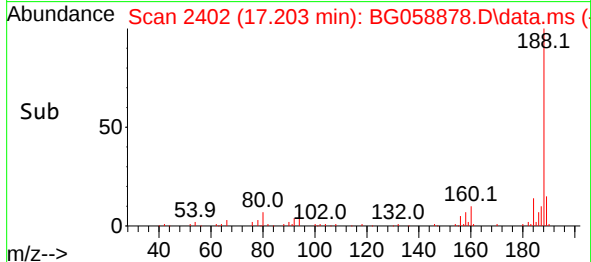
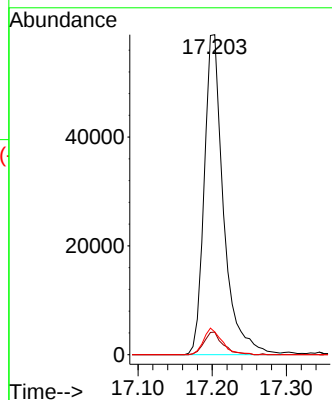
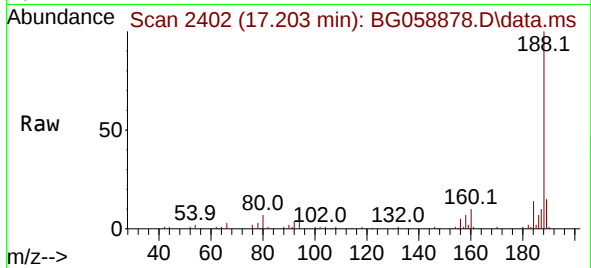




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.203 min Scan# 2402
Delta R.T. -0.018 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

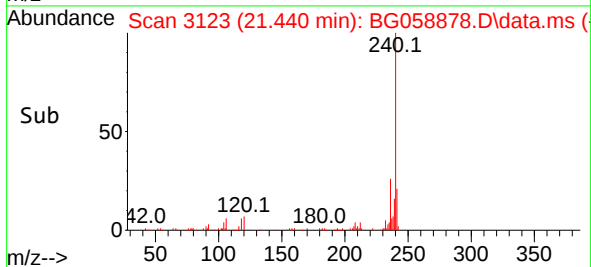
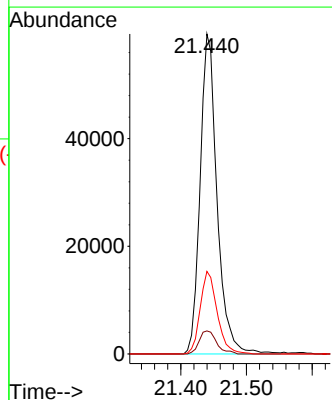
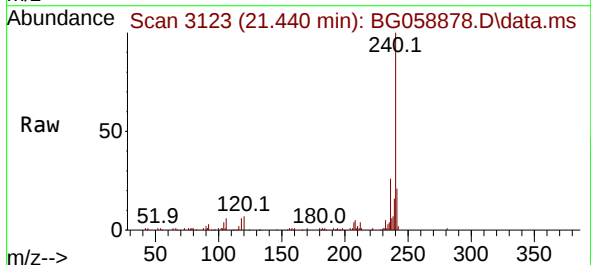
Instrument :
BNA_G
ClientSampleId :
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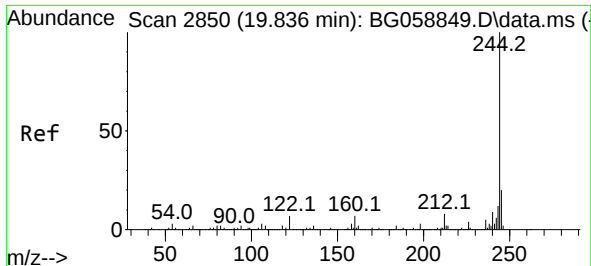
Tgt Ion:188 Resp: 106687
Ion Ratio Lower Upper
188 100
94 7.1 6.1 9.1
80 7.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.440 min Scan# 3123
Delta R.T. -0.024 min
Lab File: BG058878.D
Acq: 28 Aug 2023 18:06

Tgt Ion:240 Resp: 106846
Ion Ratio Lower Upper
240 100
120 7.2 6.2 9.2
236 25.8 20.5 30.7

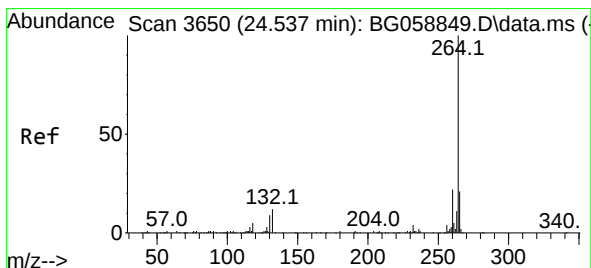
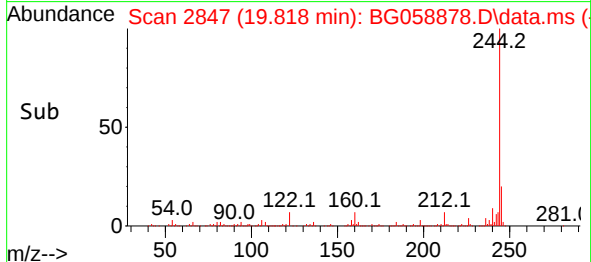
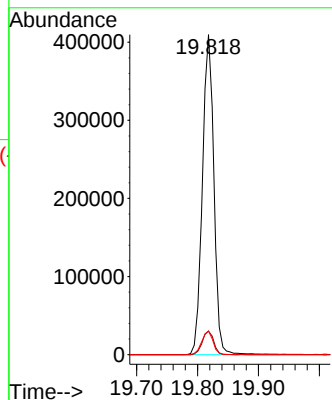
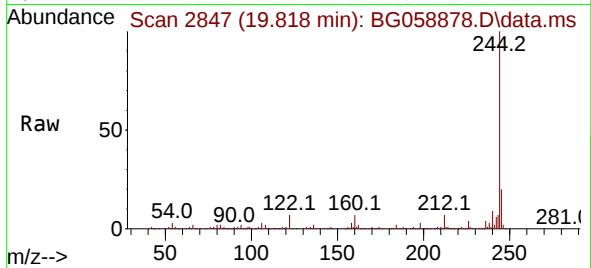




#79
 Terphenyl-d14
 Concen: 90.203 ng
 RT: 19.818 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG058878.D
 Acq: 28 Aug 2023 18:06

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 536751
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 7.4 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.507 min Scan# 3645
 Delta R.T. -0.030 min
 Lab File: BG058878.D
 Acq: 28 Aug 2023 18:06

Tgt Ion:264 Resp: 122620
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.2 27.2
 265 22.3 16.4 24.6

