

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058857.D
 Acq On : 25 Aug 2023 20:05
 Operator : MA/JU
 Sample : 04110-21
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Aug 26 09:18:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 26 09:13:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	18922	20.000	ng	-0.02
21) Naphthalene-d8	10.609	136	76189	20.000	ng	#-0.02
39) Acenaphthene-d10	14.458	164	52441	20.000	ng	-0.01
64) Phenanthrene-d10	17.202	188	133636	20.000	ng	-0.02
76) Chrysene-d12	21.438	240	132780	20.000	ng	-0.03
86) Perylene-d12	24.505	264	158123	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	68927	58.620	ng	-0.02
7) Phenol-d6	6.978	99	51798	31.399	ng	-0.03
23) Nitrobenzene-d5	8.970	82	130830	82.558	ng	-0.03
42) 2,4,6-Tribromophenol	15.944	330	106493	129.512	ng	-0.03
45) 2-Fluorobiphenyl	13.071	172	308022	85.430	ng	-0.03
79) Terphenyl-d14	19.816	244	651059	88.043	ng	-0.02

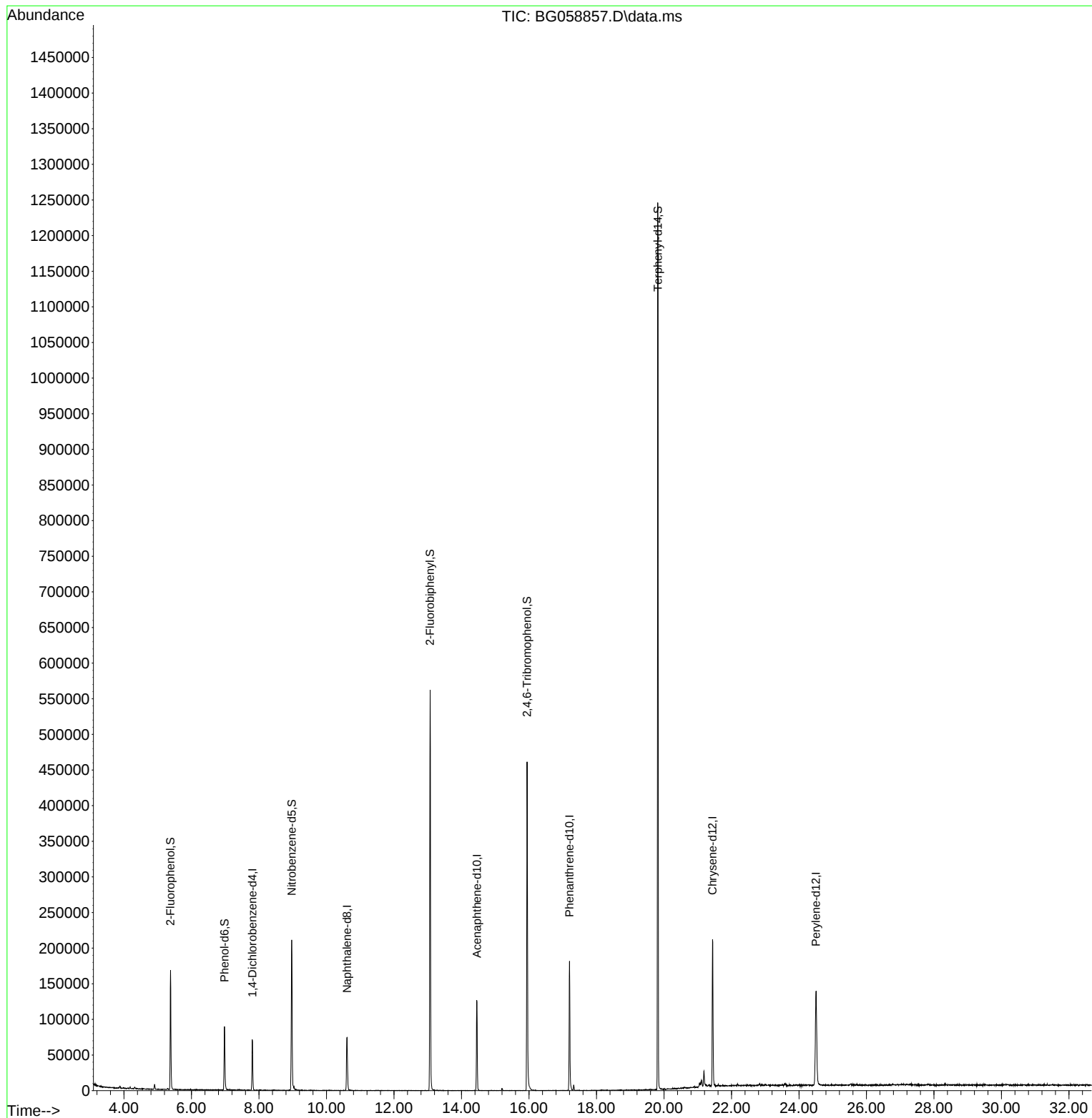
Target Compounds	Qvalue

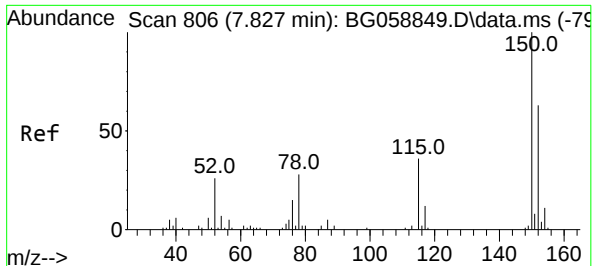
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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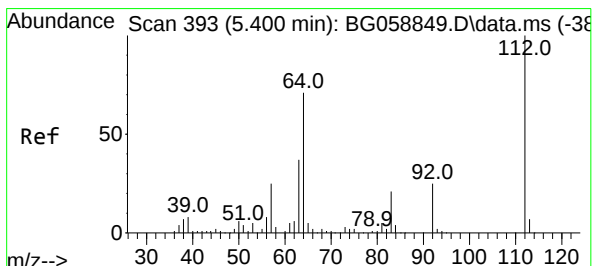
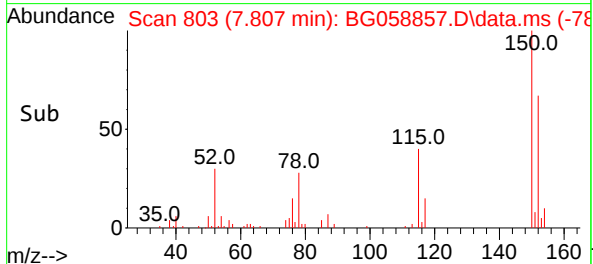
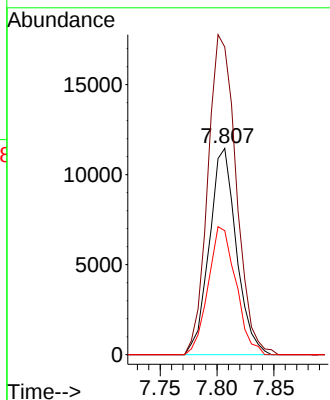
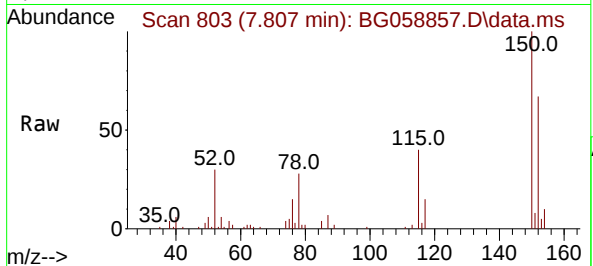




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.807 min Scan# 806
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

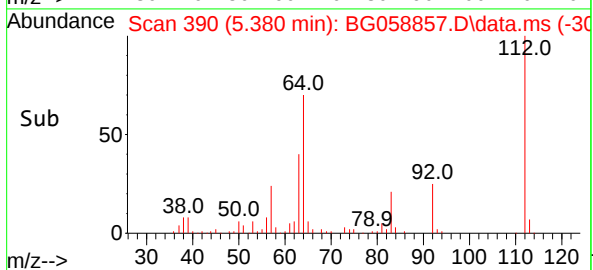
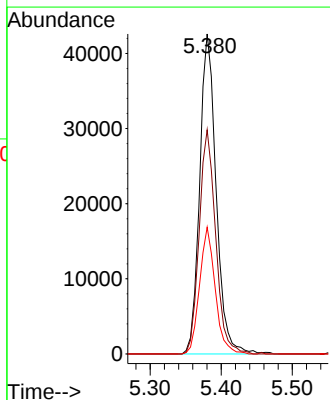
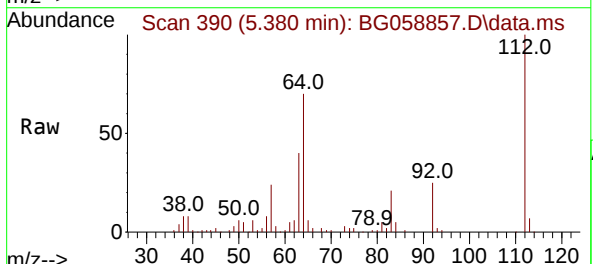
Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

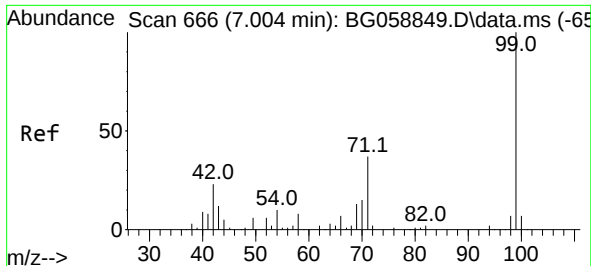
Tgt Ion:152 Resp: 18922
Ion Ratio Lower Upper
152 100
150 149.1 128.6 192.8
115 60.1 50.4 75.6



#5
2-Fluorophenol
Concen: 58.620 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

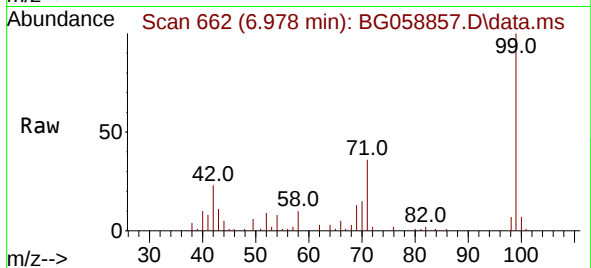
Tgt Ion:112 Resp: 68927
Ion Ratio Lower Upper
112 100
64 70.1 60.6 90.8
63 39.6 31.0 46.4



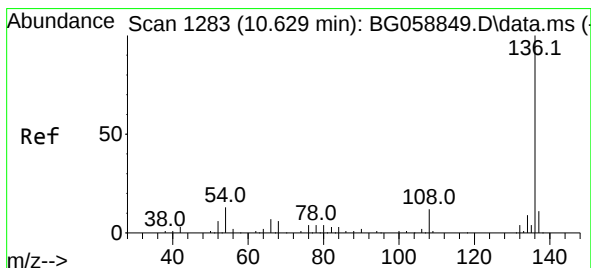
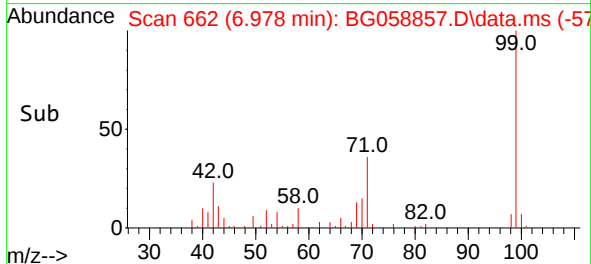
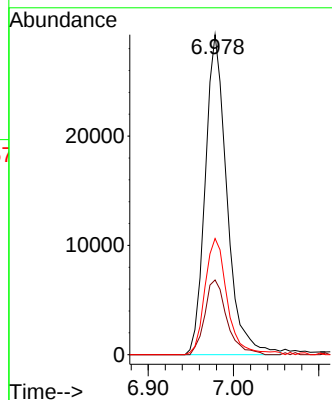


#7
Phenol-d6
Concen: 31.399 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.026 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Instrument :
BNA_G
ClientSampleId :
RINSATE-BLANK

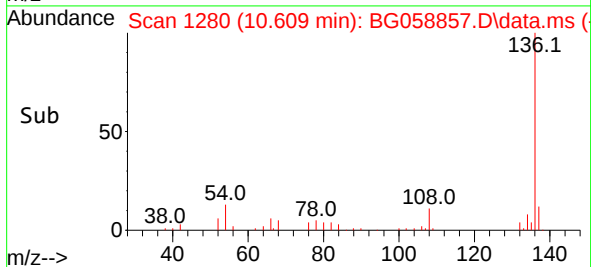
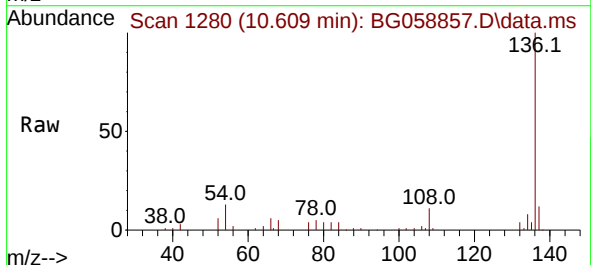
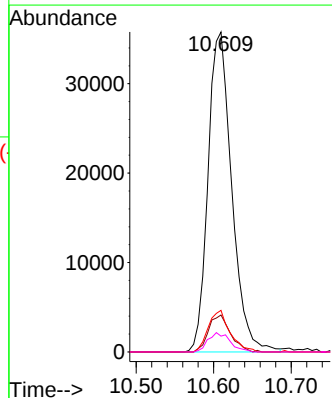


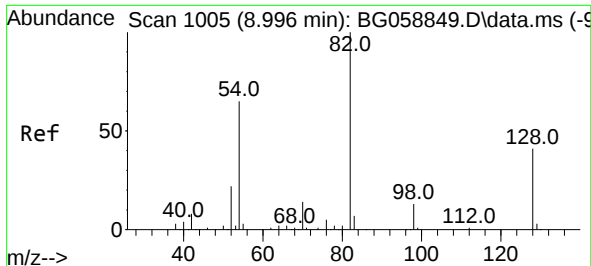
Tgt Ion:	99	Resp:	51798
Ion	Ratio	Lower	Upper
99	100		
42	23.3	16.5	24.7
71	36.3	28.4	42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.020 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Tgt Ion:	136	Resp:	76189
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.7	13.1
54	13.0	10.1	15.1
68	5.0	5.2	7.8





#23

Nitrobenzene-d5

Concen: 82.558 ng

RT: 8.970 min Scan# 1005

Delta R.T. -0.026 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

RINSATE-BLANK

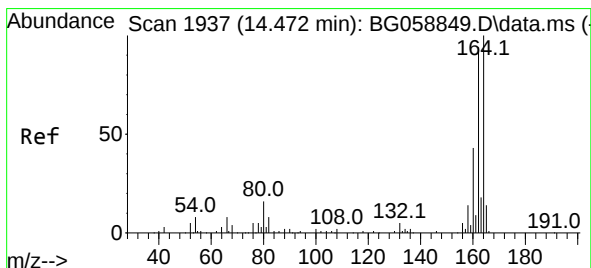
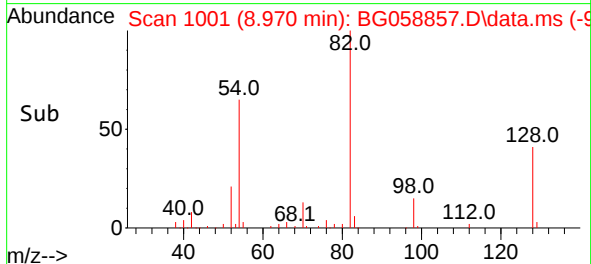
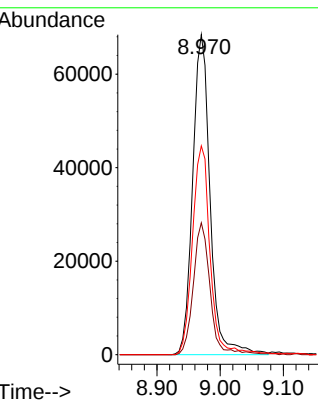
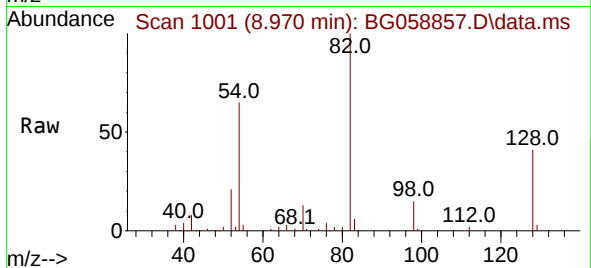
Tgt Ion: 82 Resp: 130830

Ion Ratio Lower Upper

82 100

128 41.2 33.2 49.8

54 65.2 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. -0.014 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

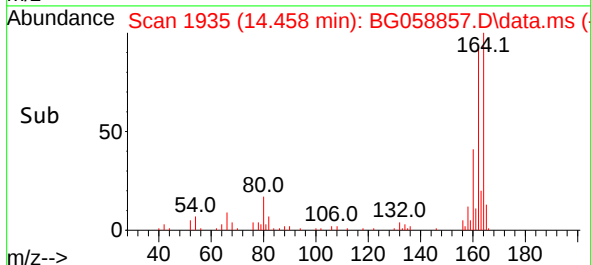
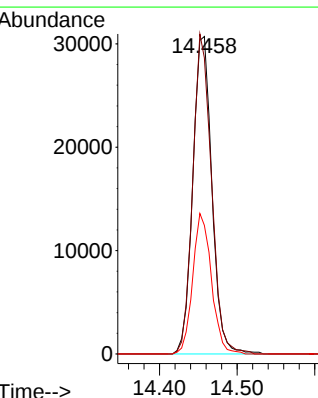
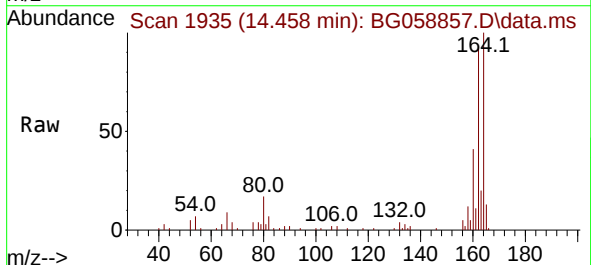
Tgt Ion:164 Resp: 52441

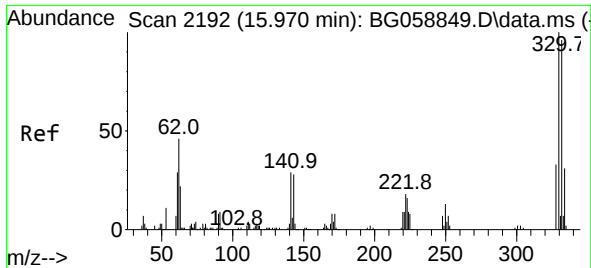
Ion Ratio Lower Upper

164 100

162 93.3 79.6 119.4

160 40.5 34.0 51.0

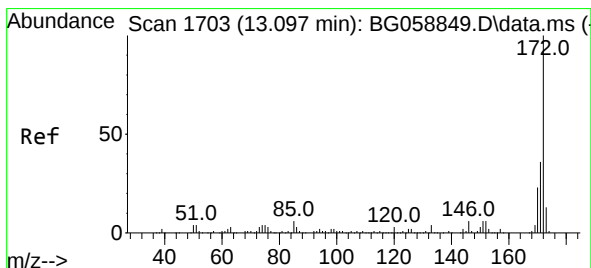
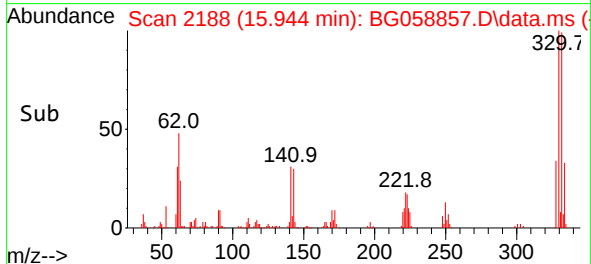
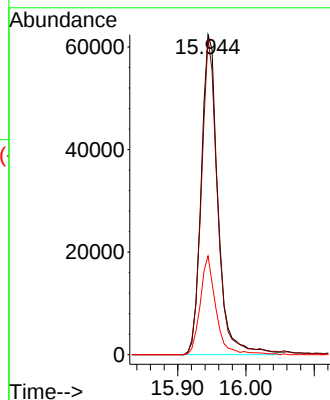
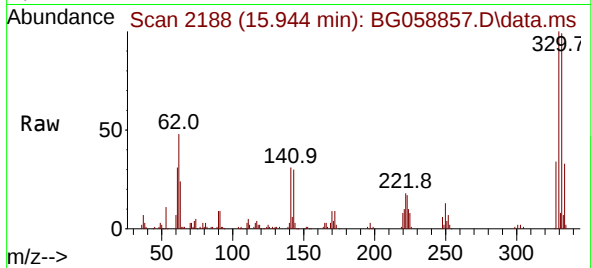




#42
2,4,6-Tribromophenol
Concen: 129.512 ng
RT: 15.944 min Scan# 21
Delta R.T. -0.026 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

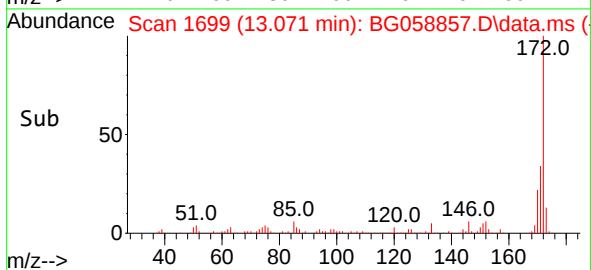
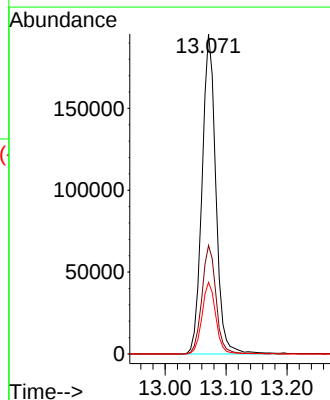
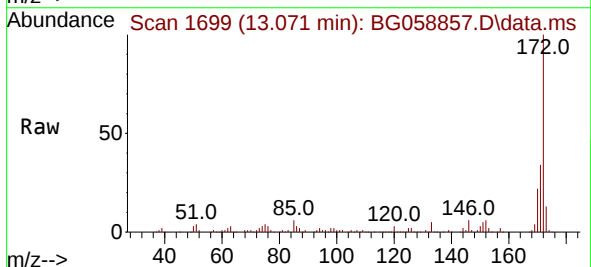
Instrument :
BNA_G
ClientSampleId :
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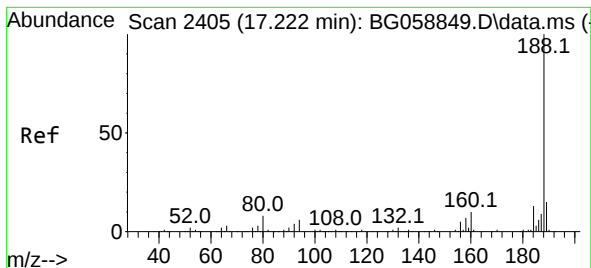
Tgt Ion:330 Resp: 106493
Ion Ratio Lower Upper
330 100
332 96.0 78.5 117.7
141 29.0 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 85.430 ng
RT: 13.071 min Scan# 1699
Delta R.T. -0.026 min
Lab File: BG058857.D
Acq: 25 Aug 2023 20:05

Tgt Ion:172 Resp: 308022
Ion Ratio Lower Upper
172 100
171 33.9 28.1 42.1
170 22.4 18.6 27.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.202 min Scan# 2402

Delta R.T. -0.020 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

Instrument :

BNA_G

ClientSampleId :

RINSATE-BLANK

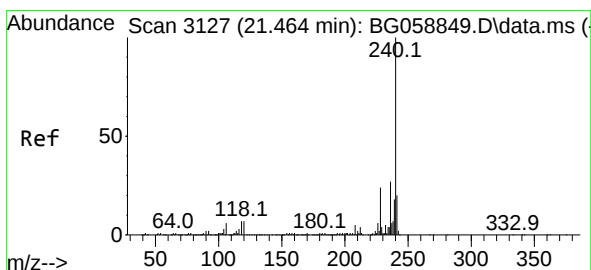
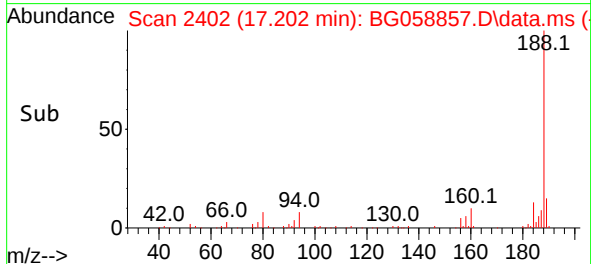
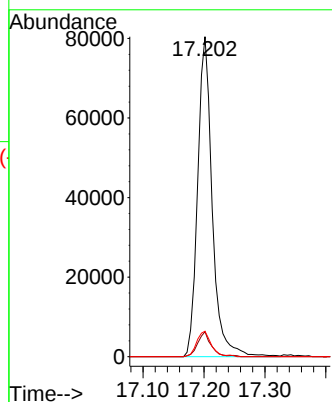
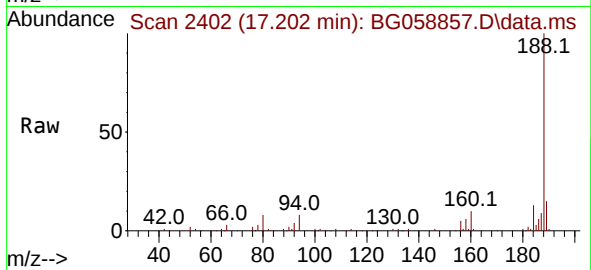
Tgt Ion:188 Resp: 133636

Ion Ratio Lower Upper

188 100

94 7.8 6.1 9.1

80 7.9 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.438 min Scan# 3123

Delta R.T. -0.026 min

Lab File: BG058857.D

Acq: 25 Aug 2023 20:05

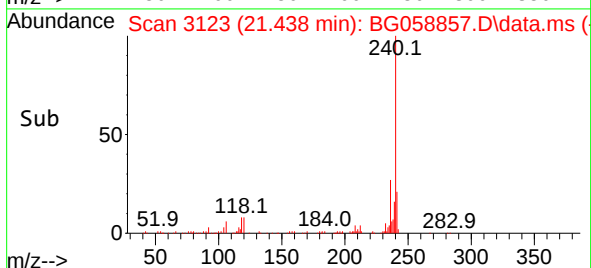
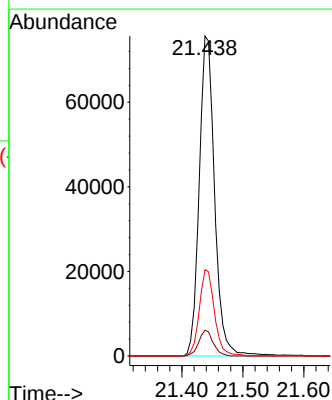
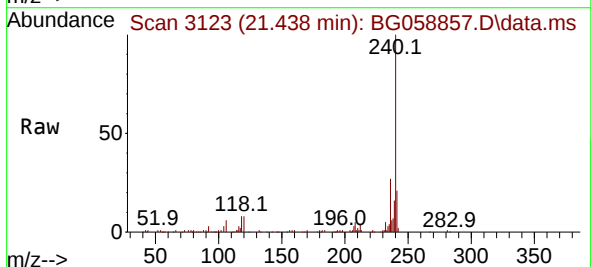
Tgt Ion:240 Resp: 132780

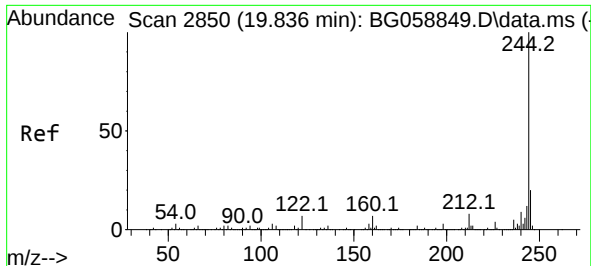
Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

236 26.9 20.5 30.7

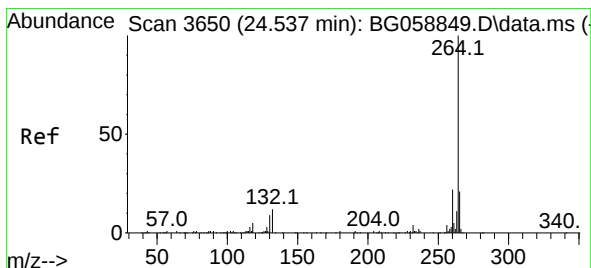
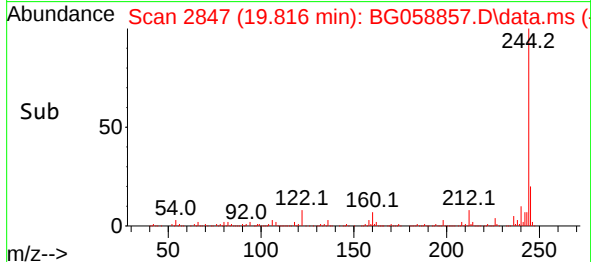
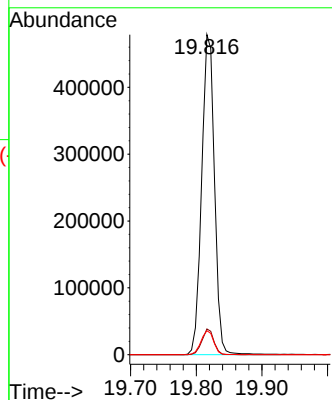
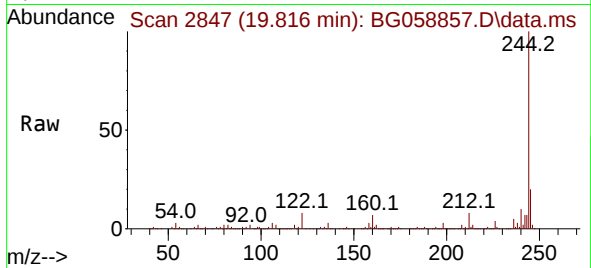




#79
 Terphenyl-d14
 Concen: 88.043 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG058857.D
 Acq: 25 Aug 2023 20:05

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion:244 Resp: 651059
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 7.5 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.505 min Scan# 3645
 Delta R.T. -0.032 min
 Lab File: BG058857.D
 Acq: 25 Aug 2023 20:05

Tgt Ion:264 Resp: 158123
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 20.9 16.4 24.6

