

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082523\
 Data File : BG058856.D
 Acq On : 25 Aug 2023 19:24
 Operator : MA/JU
 Sample : 04109-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK

Quant Time: Aug 26 09:18:18 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	7.806	152	17405	20.000	ng	-0.02
21) Naphthalene-d8	10.609	136	66524	20.000	ng	-0.02
39) Acenaphthene-d10	14.457	164	44722	20.000	ng	-0.01
64) Phenanthrene-d10	17.201	188	113314	20.000	ng	-0.02
76) Chrysene-d12	21.437	240	119647	20.000	ng	-0.03
86) Perylene-d12	24.504	264	141079	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.380	112	62549	57.833	ng	-0.02
7) Phenol-d6	6.978	99	47166	31.083	ng	-0.03
23) Nitrobenzene-d5	8.970	82	126233	91.230	ng	-0.03
42) 2,4,6-Tribromophenol	15.944	330	103262	147.258	ng	-0.03
45) 2-Fluorobiphenyl	13.071	172	294767	95.865	ng	-0.03
79) Terphenyl-d14	19.816	244	641318	96.245	ng	-0.02

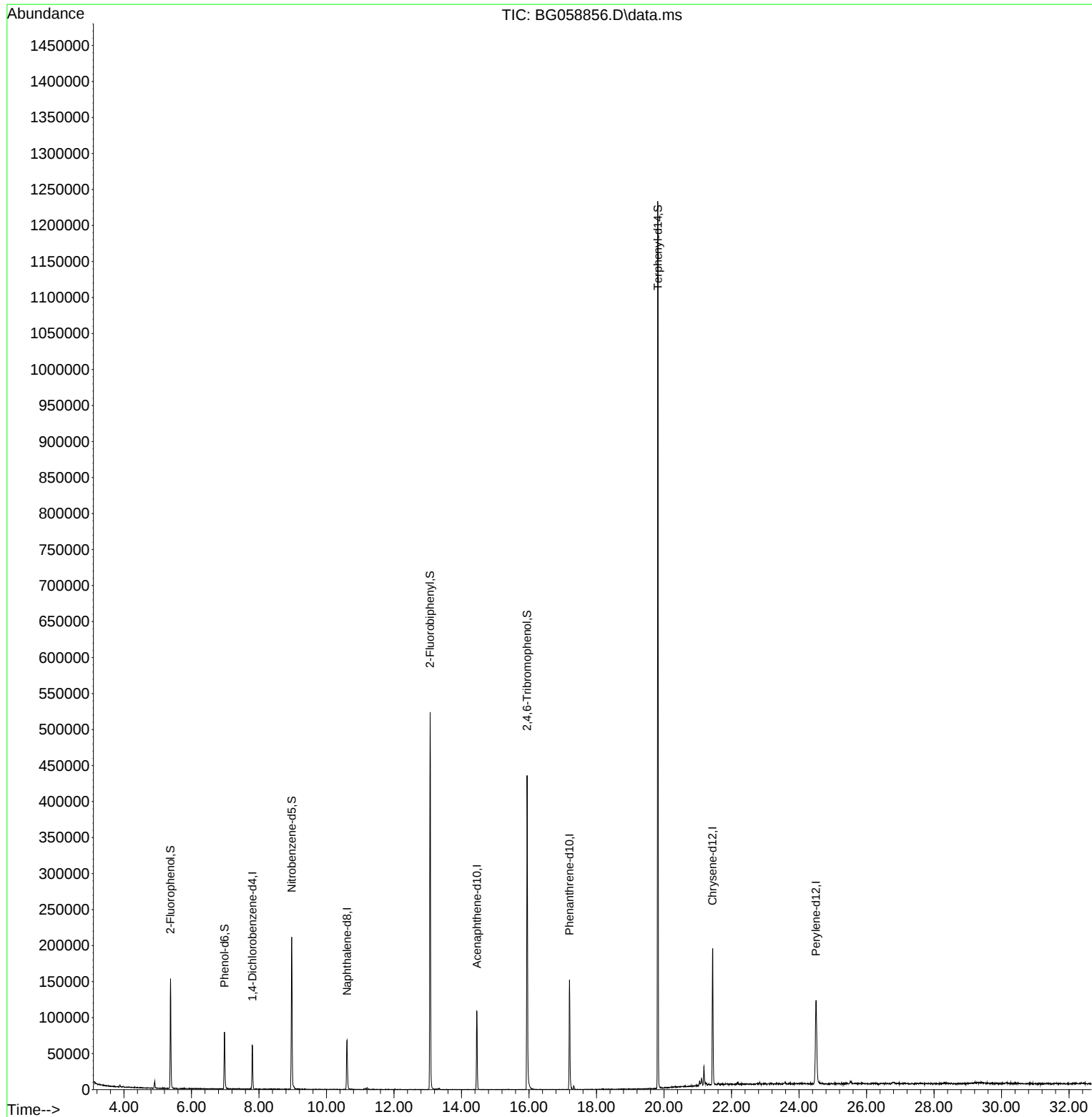
Target Compounds	Qvalue

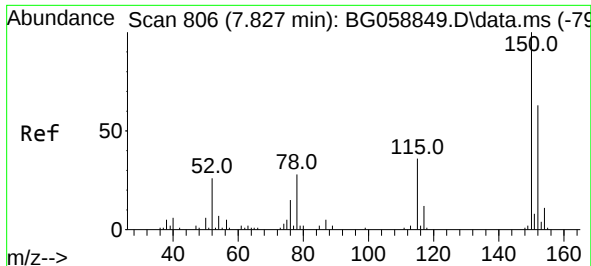
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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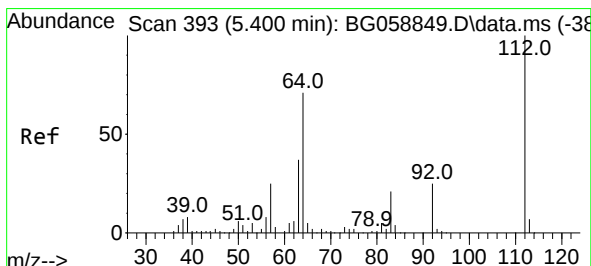
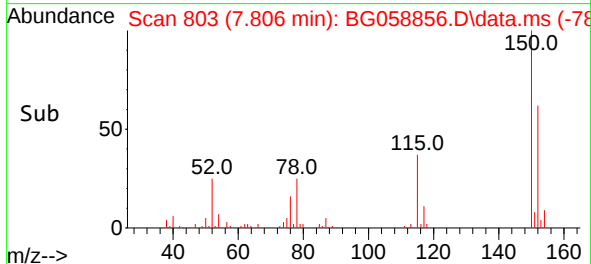
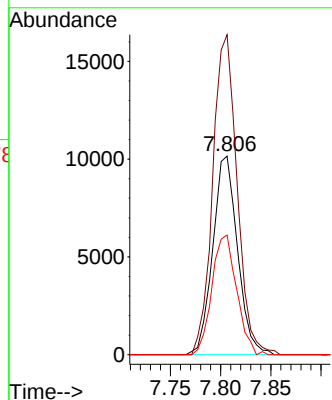
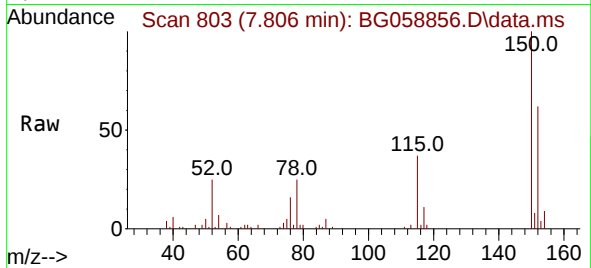




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.806 min Scan# 806
Delta R.T. -0.021 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

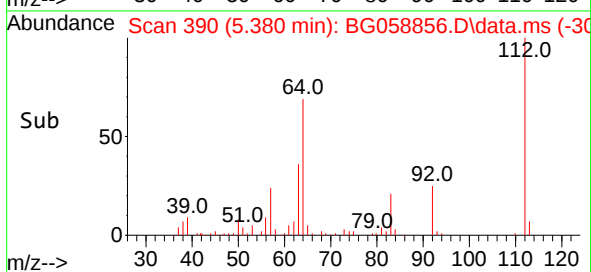
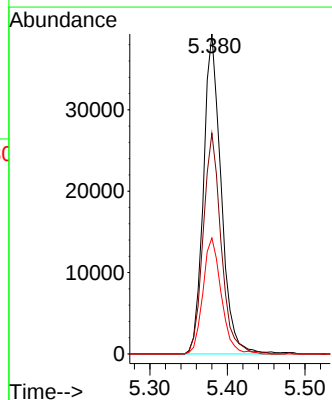
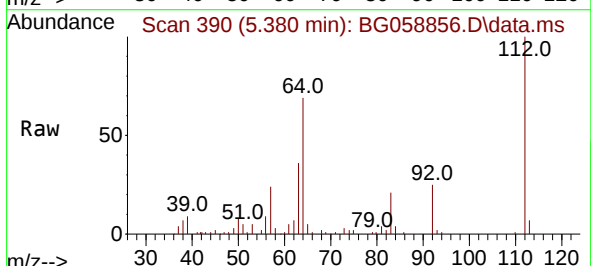
Instrument :
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ClientSampleId :
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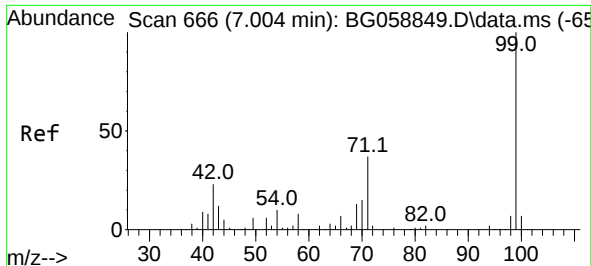
Tgt Ion:152 Resp: 17405
Ion Ratio Lower Upper
152 100
150 161.1 128.6 192.8
115 60.2 50.4 75.6



#5
2-Fluorophenol
Concen: 57.833 ng
RT: 5.380 min Scan# 390
Delta R.T. -0.020 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

Tgt Ion:112 Resp: 62549
Ion Ratio Lower Upper
112 100
64 68.9 60.6 90.8
63 36.2 31.0 46.4

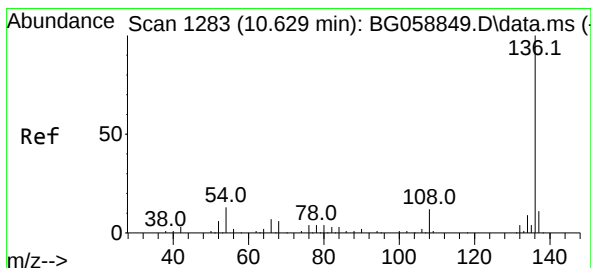
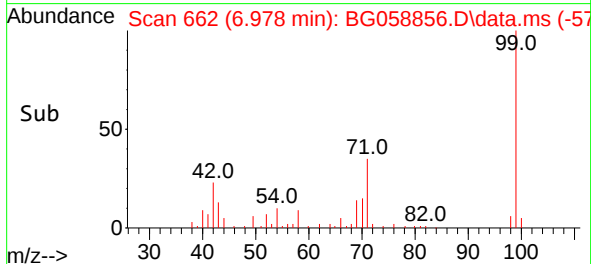
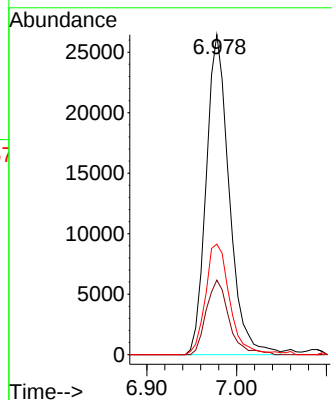
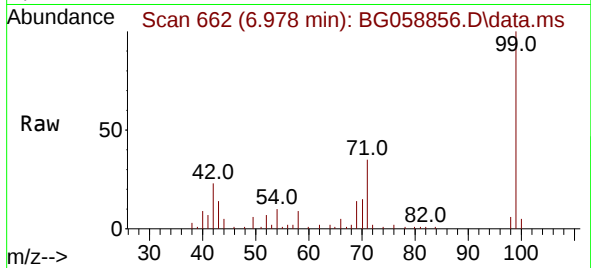




#7
Phenol-d6
Concen: 31.083 ng
RT: 6.978 min Scan# 60
Delta R.T. -0.026 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

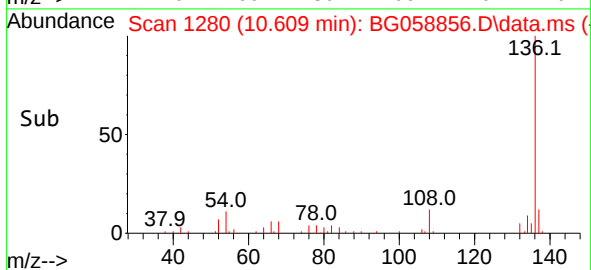
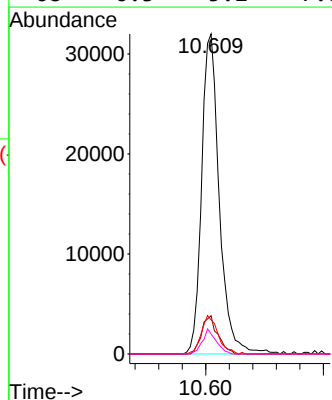
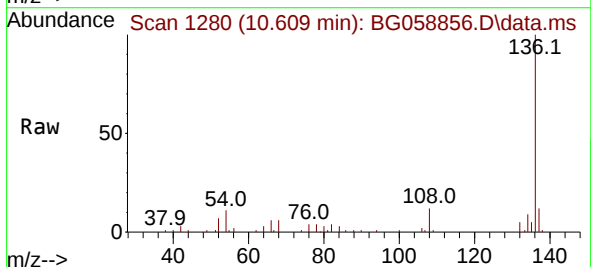
Instrument :
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ClientSampleId :
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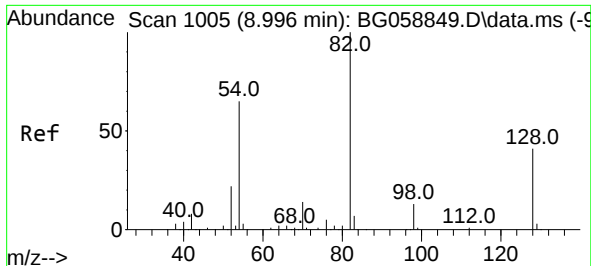
Tgt Ion: 99 Resp: 47166
Ion Ratio Lower Upper
99 100
42 23.3 16.5 24.7
71 34.6 28.4 42.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.609 min Scan# 1280
Delta R.T. -0.020 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

Tgt Ion: 136 Resp: 66524
Ion Ratio Lower Upper
136 100
137 12.0 8.7 13.1
54 10.7 10.1 15.1
68 6.3 5.2 7.8

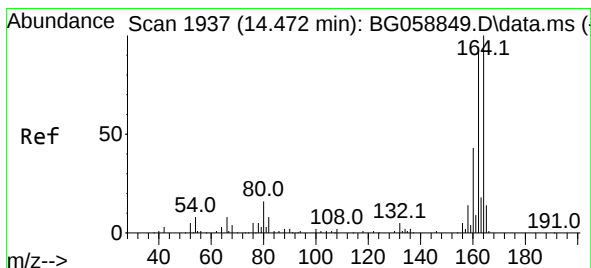
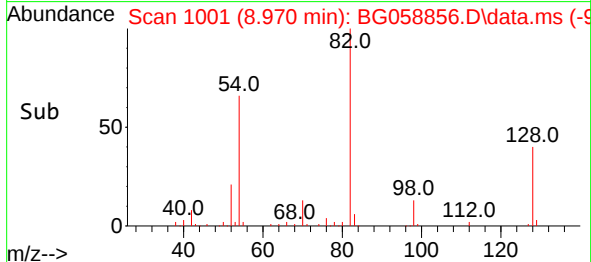
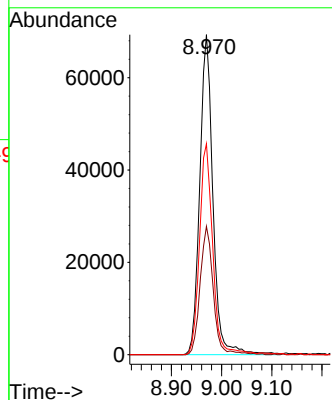
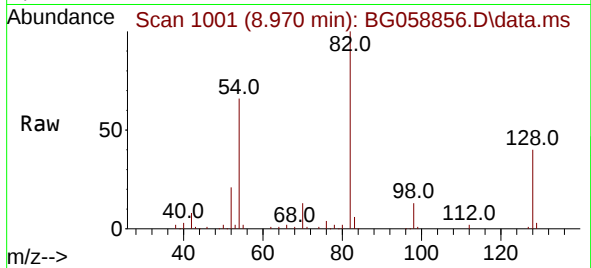




#23
 Nitrobenzene-d5
 Concen: 91.230 ng
 RT: 8.970 min Scan# 1005
 Delta R.T. -0.026 min
 Lab File: BG058856.D
 Acq: 25 Aug 2023 19:24

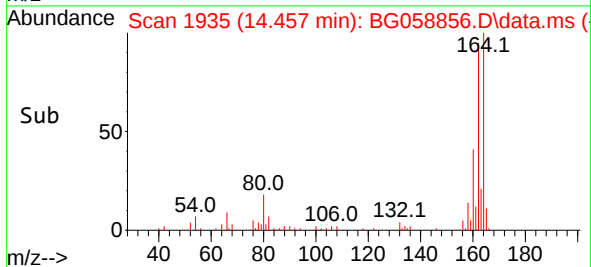
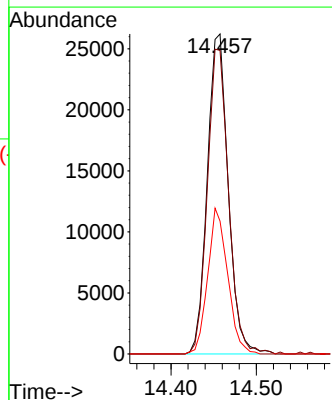
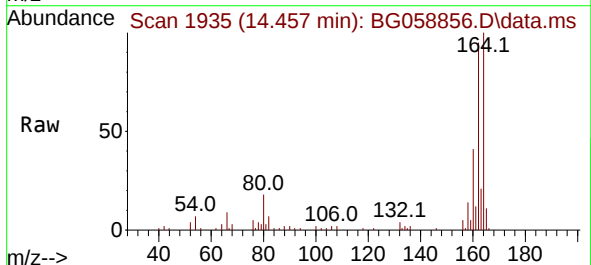
Instrument :
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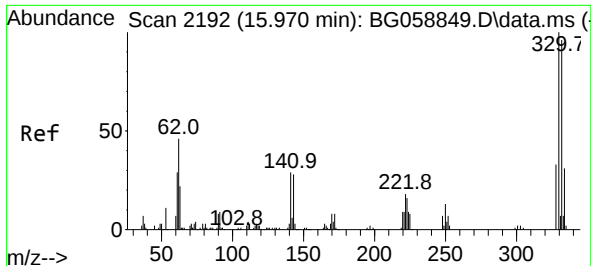
Tgt Ion: 82 Resp: 126233
 Ion Ratio Lower Upper
 82 100
 128 40.1 33.2 49.8
 54 65.9 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.457 min Scan# 1935
 Delta R.T. -0.014 min
 Lab File: BG058856.D
 Acq: 25 Aug 2023 19:24

Tgt Ion: 164 Resp: 44722
 Ion Ratio Lower Upper
 164 100
 162 94.9 79.6 119.4
 160 41.5 34.0 51.0

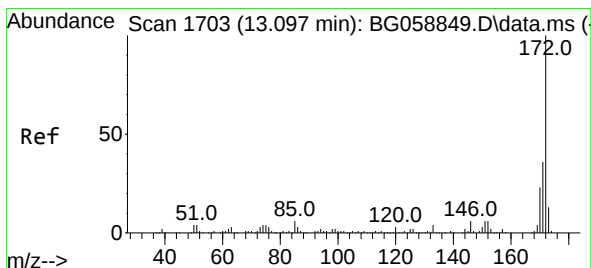
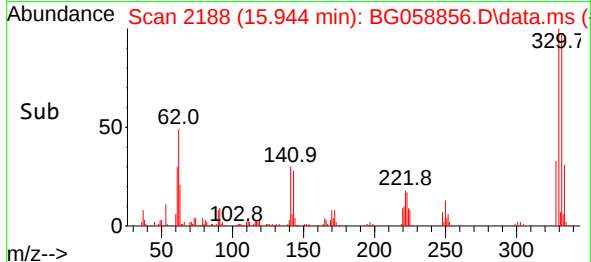
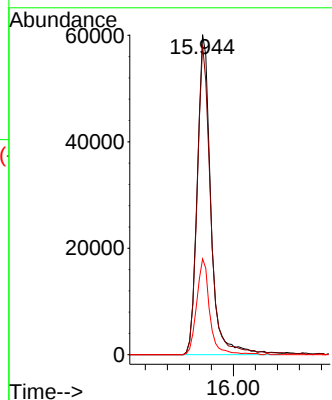
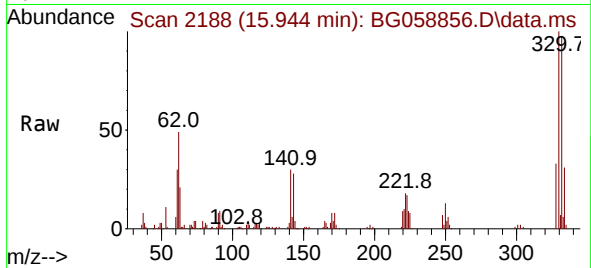




#42
2,4,6-Tribromophenol
Concen: 147.258 ng
RT: 15.944 min Scan# 2192
Delta R.T. -0.026 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

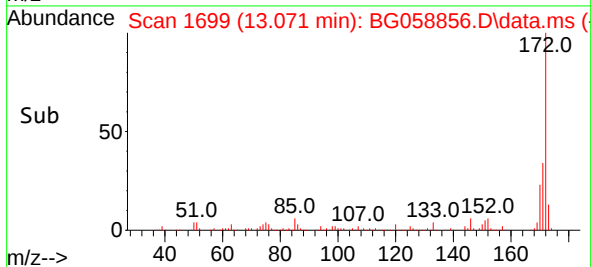
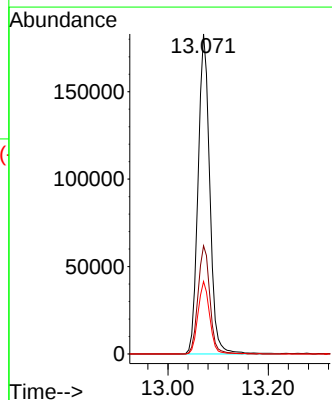
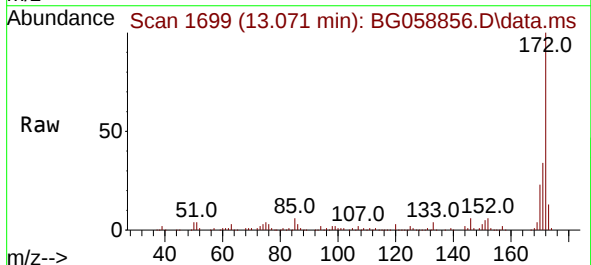
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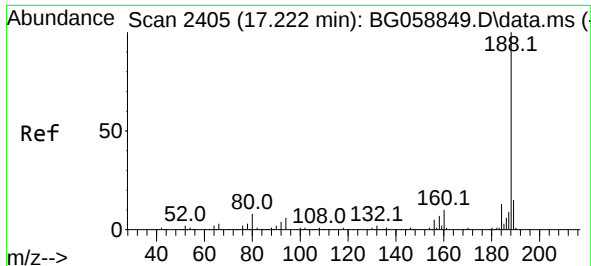
Tgt Ion:330 Resp: 103262
Ion Ratio Lower Upper
330 100
332 96.4 78.5 117.7
141 28.6 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 95.865 ng
RT: 13.071 min Scan# 1699
Delta R.T. -0.026 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

Tgt Ion:172 Resp: 294767
Ion Ratio Lower Upper
172 100
171 33.8 28.1 42.1
170 22.6 18.6 27.8

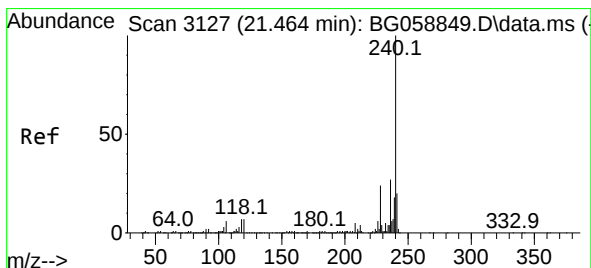
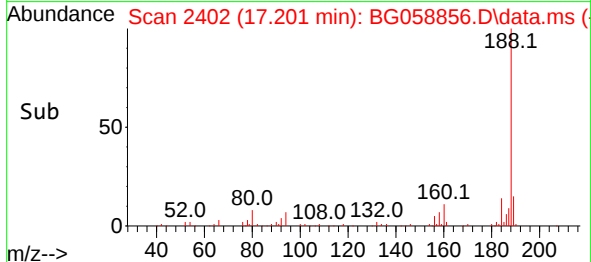
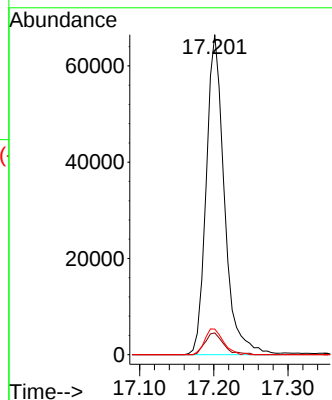
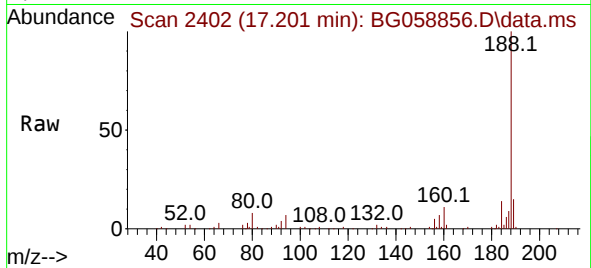




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.201 min Scan# 2405
Delta R.T. -0.020 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

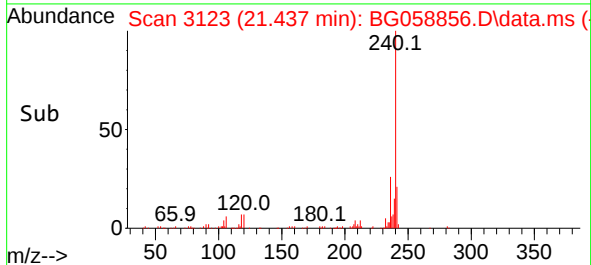
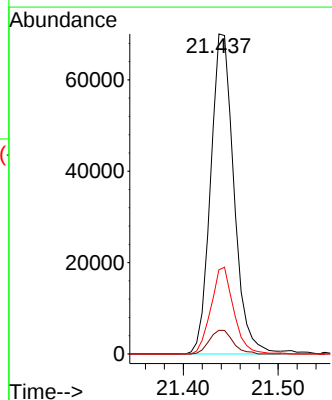
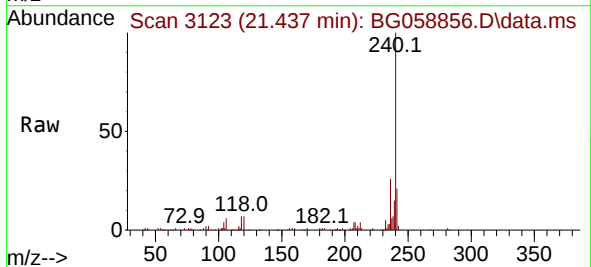
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ClientSampleId :
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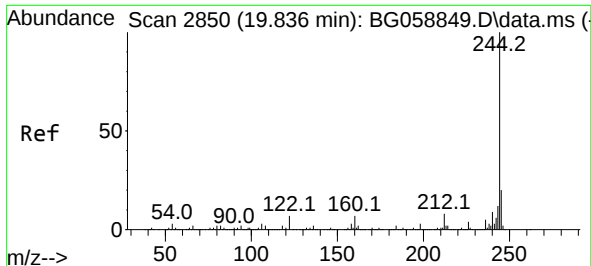
Tgt Ion:188 Resp: 113314
Ion Ratio Lower Upper
188 100
94 6.8 6.1 9.1
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.437 min Scan# 3123
Delta R.T. -0.026 min
Lab File: BG058856.D
Acq: 25 Aug 2023 19:24

Tgt Ion:240 Resp: 119647
Ion Ratio Lower Upper
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120 7.4 6.2 9.2
236 26.3 20.5 30.7

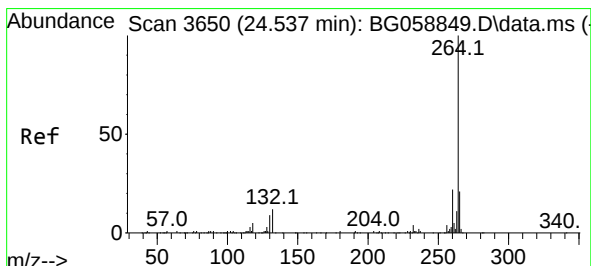
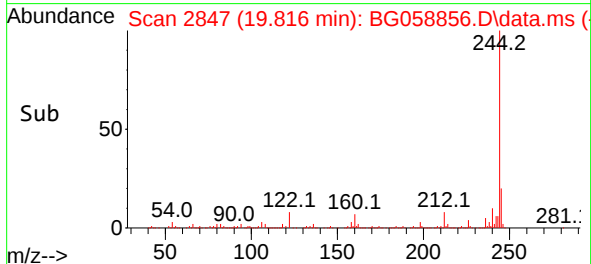
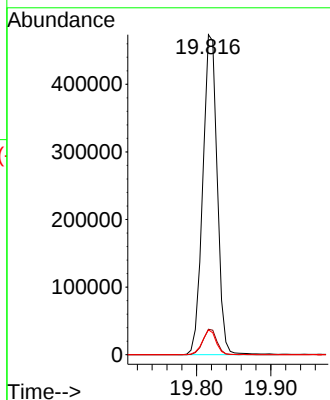
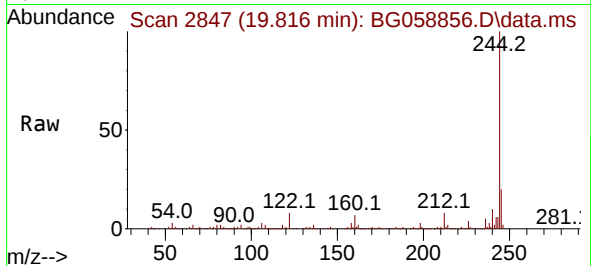




#79
 Terphenyl-d14
 Concen: 96.245 ng
 RT: 19.816 min Scan# 21
 Delta R.T. -0.020 min
 Lab File: BG058856.D
 Acq: 25 Aug 2023 19:24

Instrument :
 BNA_G
 ClientSampleId :
 RINSATE-BLANK

Tgt Ion:244 Resp: 641318
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 7.8 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.504 min Scan# 3645
 Delta R.T. -0.032 min
 Lab File: BG058856.D
 Acq: 25 Aug 2023 19:24

Tgt Ion:264 Resp: 141079
 Ion Ratio Lower Upper
 264 100
 260 20.9 18.2 27.2
 265 22.5 16.4 24.6

