

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082923\
 Data File : BG058897.D
 Acq On : 29 Aug 2023 21:32
 Operator : MA/JU
 Sample : 04183-05 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-082523

Quant Time: Aug 29 22:07:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG081823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 29 14:27:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	25047	20.000	ng	0.00
21) Naphthalene-d8	10.594	136	99058	20.000	ng	0.00
39) Acenaphthene-d10	14.442	164	63349	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	133559	20.000	ng	0.00
76) Chrysene-d12	21.434	240	107182	20.000	ng	0.00
86) Perylene-d12	24.501	264	91750	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.365	112	46076	29.604	ng	0.00
7) Phenol-d6	6.969	99	63367	29.018	ng	0.00
23) Nitrobenzene-d5	8.955	82	38530	18.700	ng	0.00
42) 2,4,6-Tribromophenol	15.941	330	28260	28.451	ng	0.00
45) 2-Fluorobiphenyl	13.062	172	85349	19.596	ng	0.00
79) Terphenyl-d14	19.818	244	111719	18.716	ng	0.01

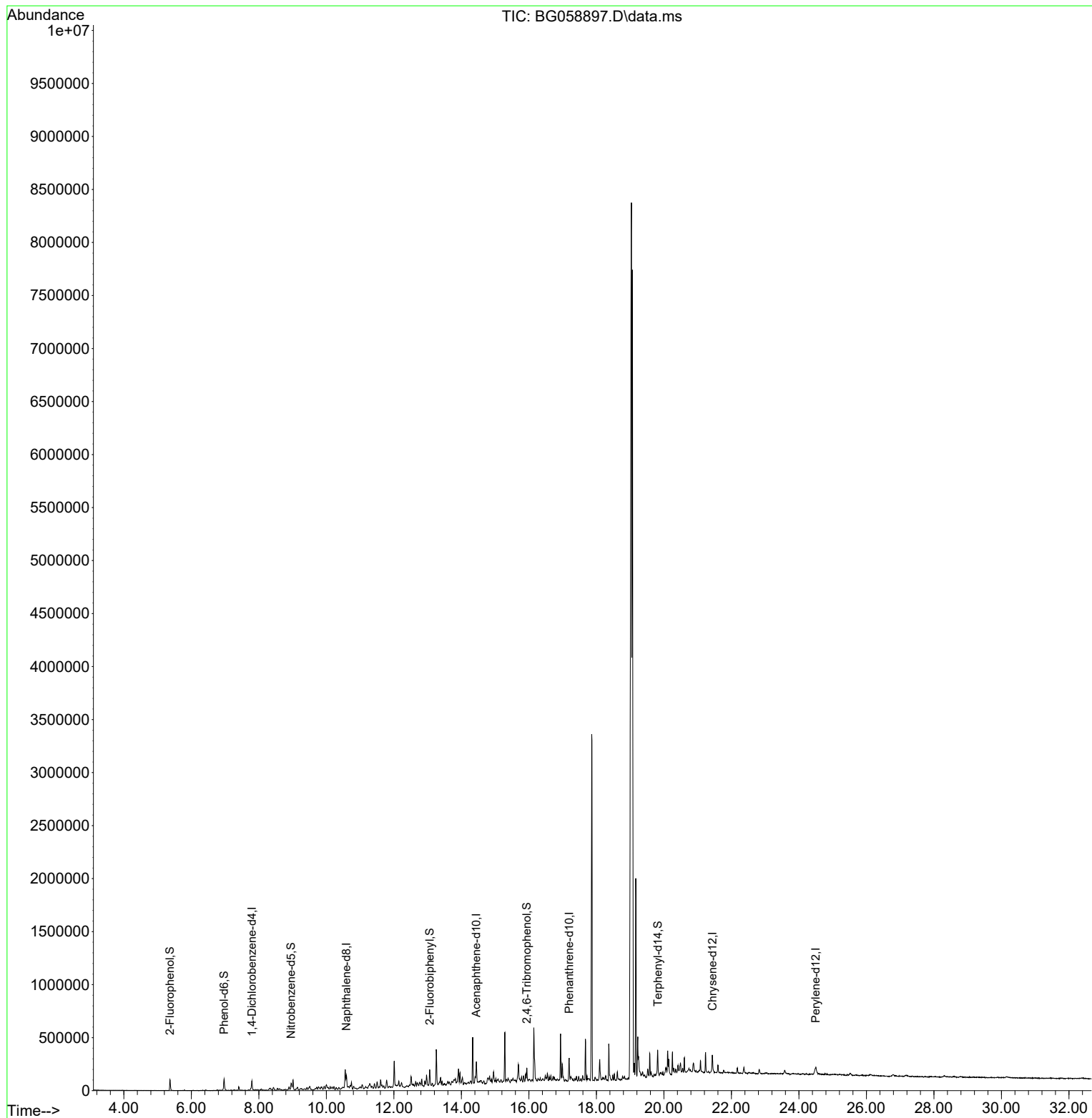
Target Compounds	Qvalue

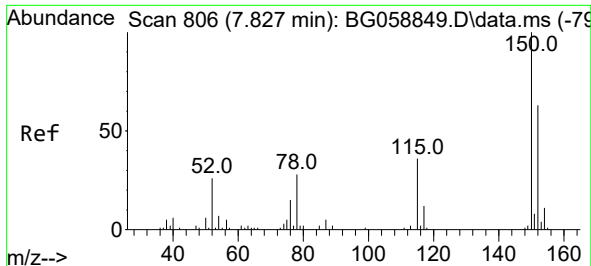
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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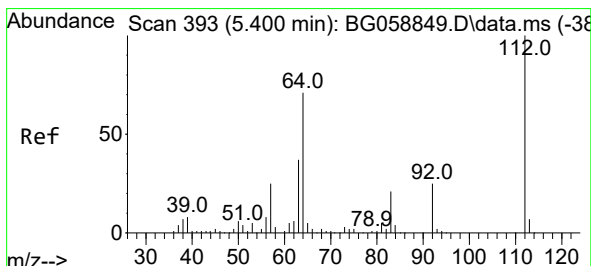
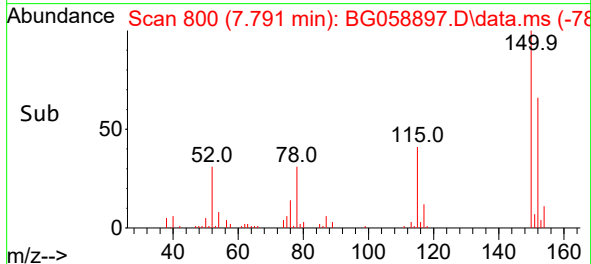
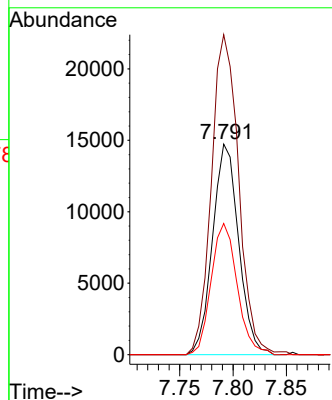
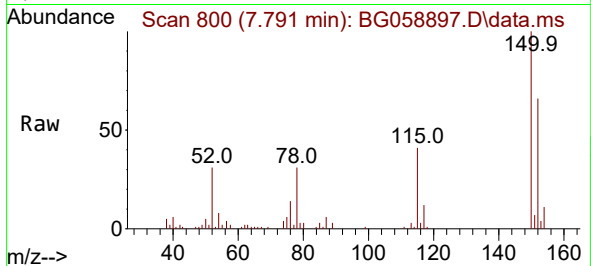




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.791 min Scan# 80
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

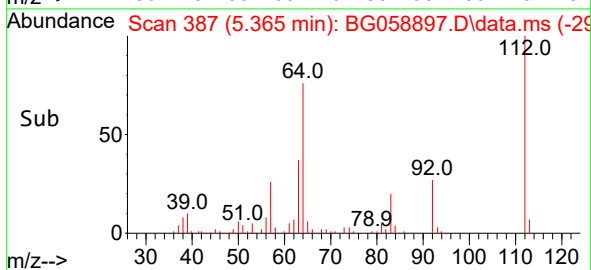
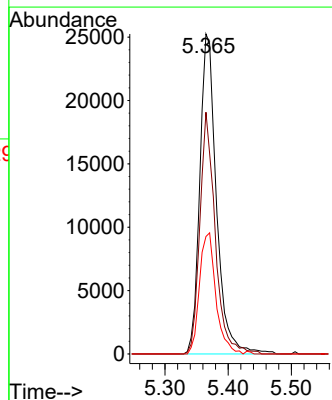
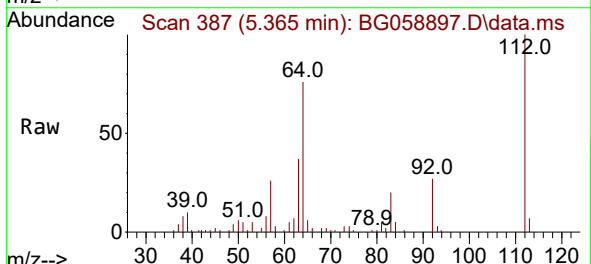
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

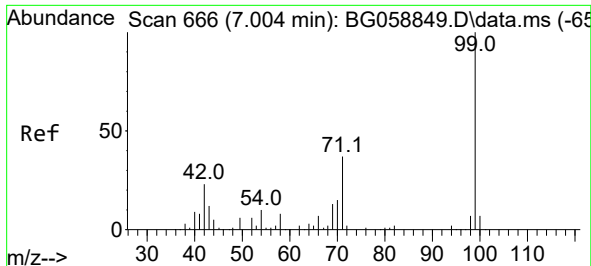
Tgt Ion:152 Resp: 25047
Ion Ratio Lower Upper
152 100
150 151.9 128.6 192.8
115 62.3 50.4 75.6



#5
2-Fluorophenol
Concen: 29.604 ng
RT: 5.365 min Scan# 387
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:112 Resp: 46076
Ion Ratio Lower Upper
112 100
64 75.5 60.6 90.8
63 36.7 31.0 46.4

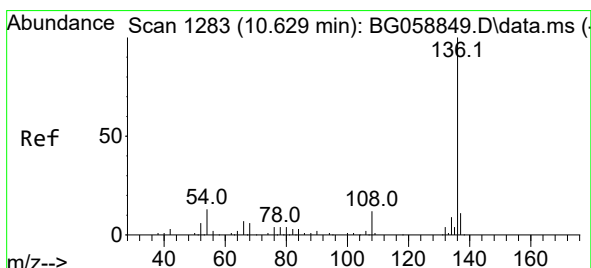
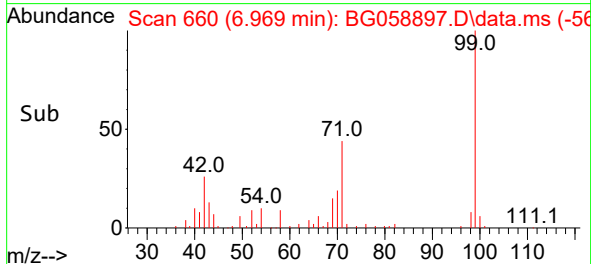
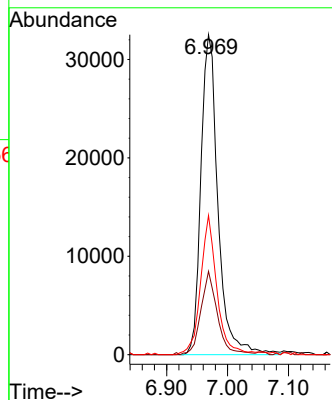
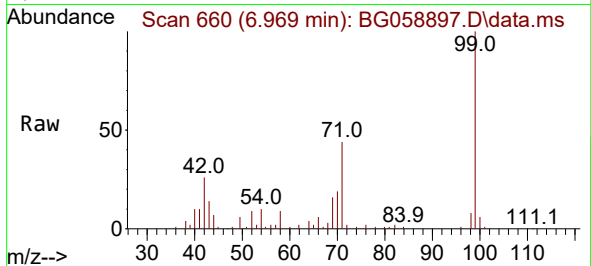




#7
Phenol-d6
Concen: 29.018 ng
RT: 6.969 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

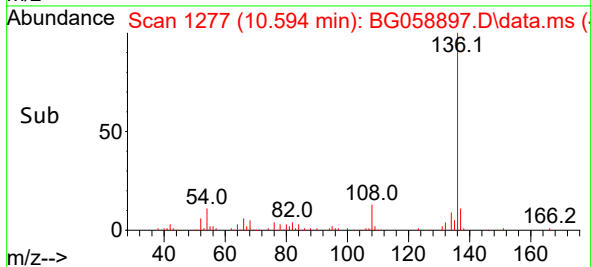
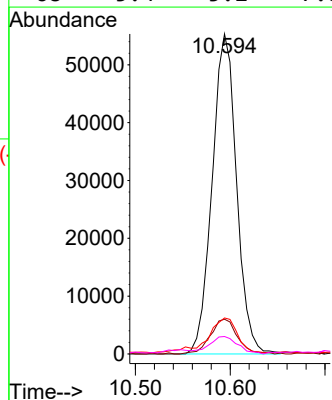
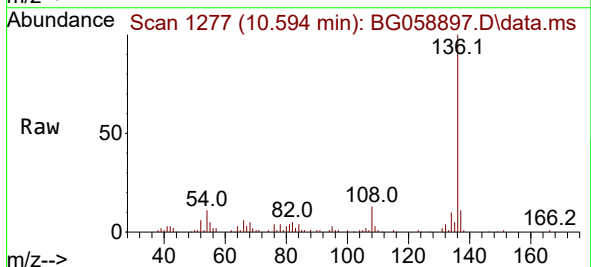
Instrument :
BNA_G
ClientSampleId :
HR-04-082523

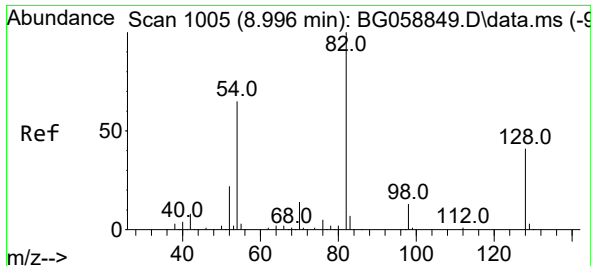
Tgt Ion: 99 Resp: 63367
Ion Ratio Lower Upper
99 100
42 26.0 16.5 24.7#
71 43.5 28.4 42.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.594 min Scan# 1277
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:136 Resp: 99058
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 11.2 10.1 15.1
68 5.4 5.2 7.8

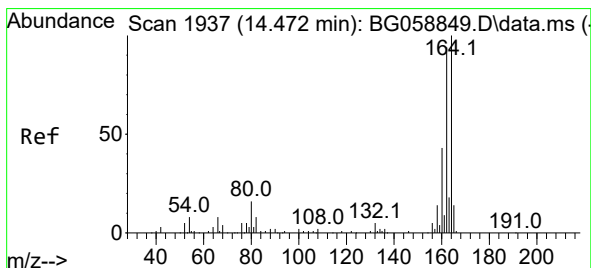
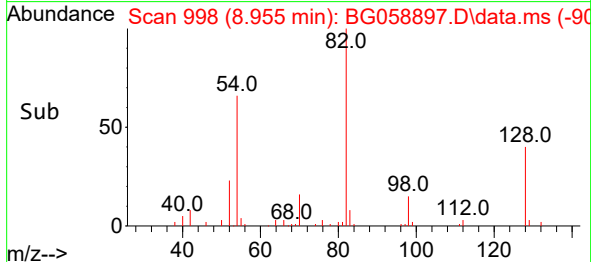
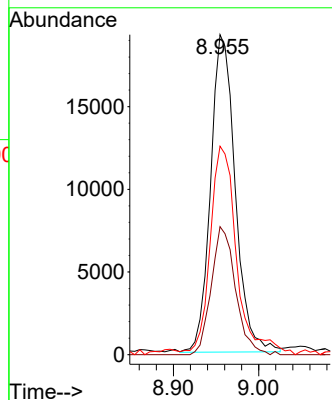
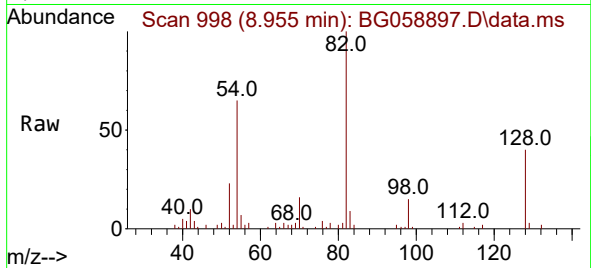




#23
 Nitrobenzene-d5
 Concen: 18.700 ng
 RT: 8.955 min Scan# 91
 Delta R.T. -0.004 min
 Lab File: BG058897.D
 Acq: 29 Aug 2023 21:32

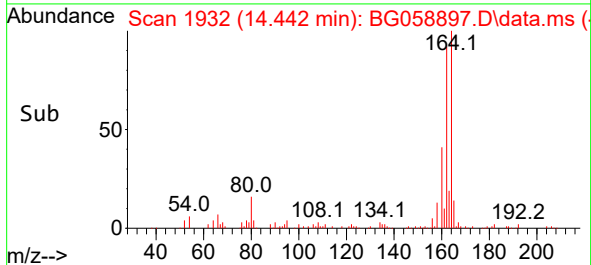
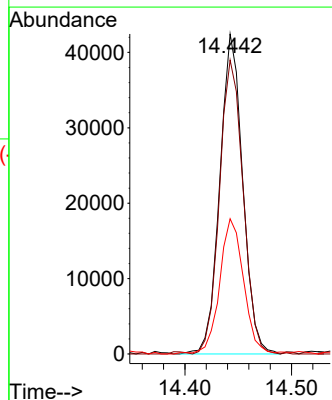
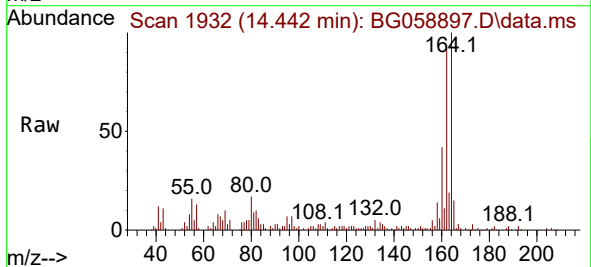
Instrument :
 BNA_G
 ClientSampleId :
 HR-04-082523

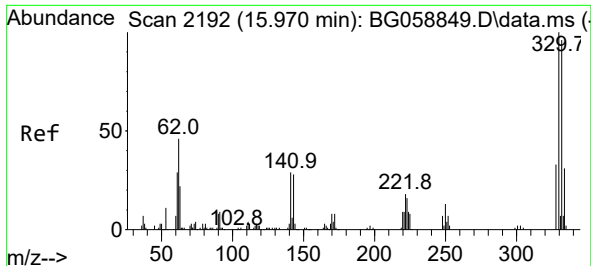
Tgt Ion: 82 Resp: 38530
 Ion Ratio Lower Upper
 82 100
 128 40.0 33.2 49.8
 54 65.1 51.2 76.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.442 min Scan# 1932
 Delta R.T. 0.002 min
 Lab File: BG058897.D
 Acq: 29 Aug 2023 21:32

Tgt Ion: 164 Resp: 63349
 Ion Ratio Lower Upper
 164 100
 162 91.8 79.6 119.4
 160 42.3 34.0 51.0

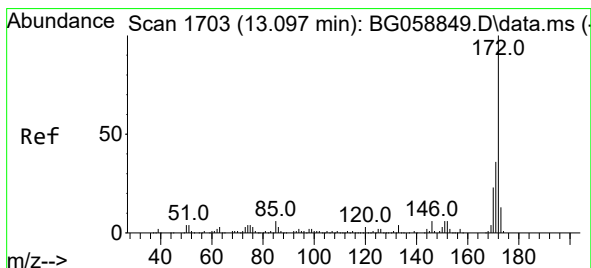
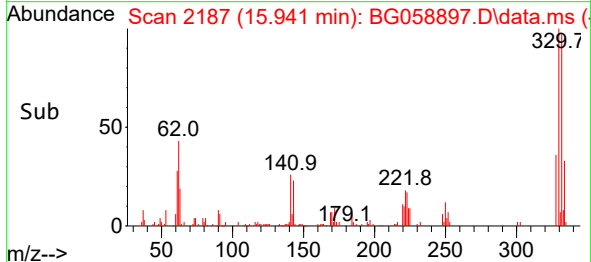
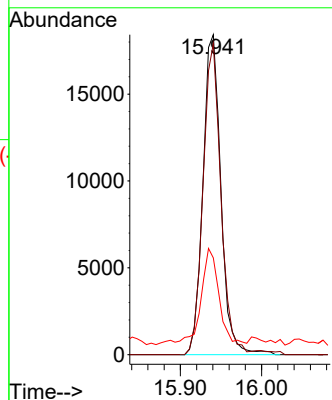
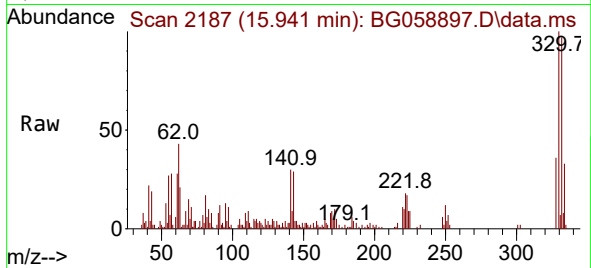




#42
2,4,6-Tribromophenol
Concen: 28.451 ng
RT: 15.941 min Scan# 2192
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

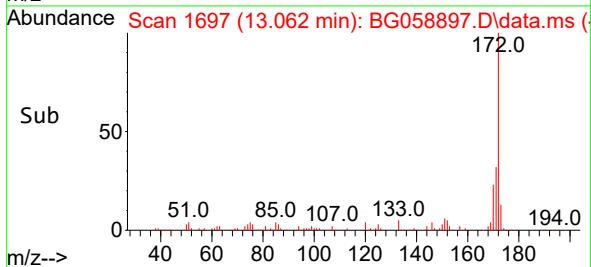
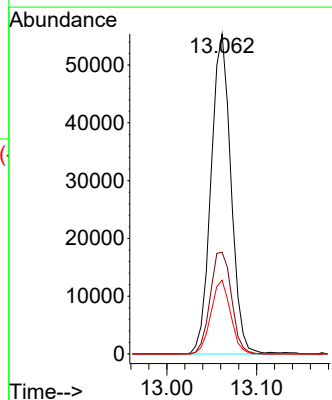
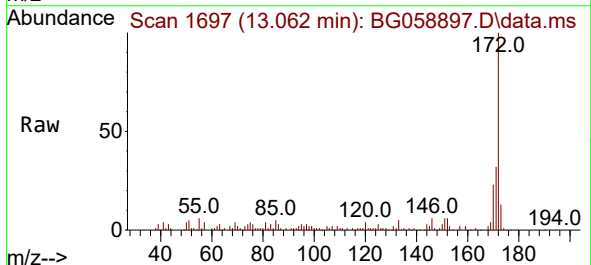
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ClientSampleId :
HR-04-082523

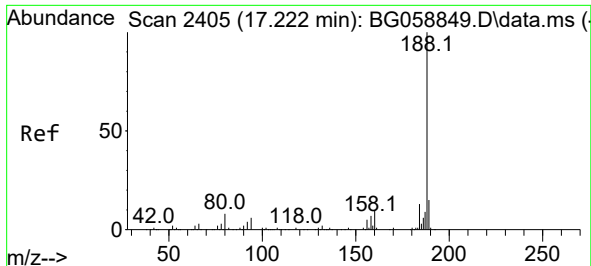
Tgt Ion:330 Resp: 28260
Ion Ratio Lower Upper
330 100
332 96.3 78.5 117.7
141 30.9 23.0 34.6



#45
2-Fluorobiphenyl
Concen: 19.596 ng
RT: 13.062 min Scan# 1697
Delta R.T. 0.002 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:172 Resp: 85349
Ion Ratio Lower Upper
172 100
171 31.8 28.1 42.1
170 23.1 18.6 27.8

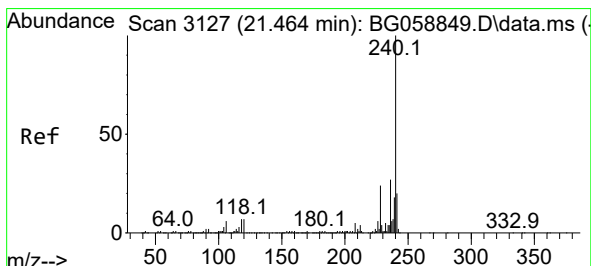
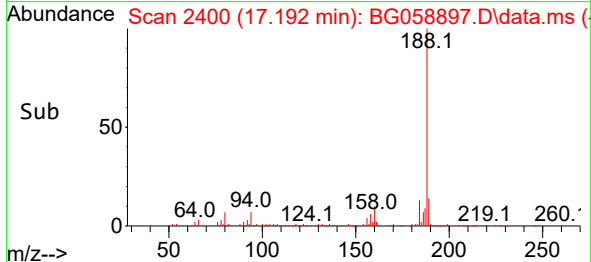
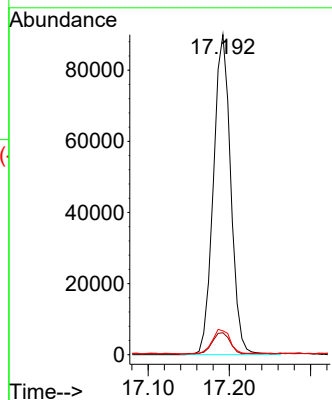
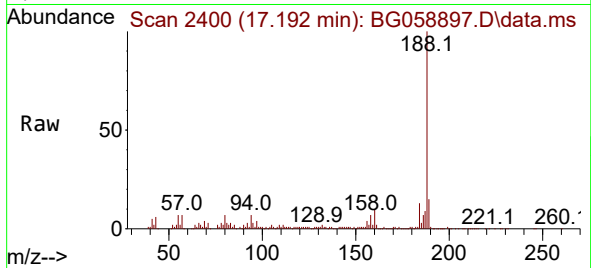




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.192 min Scan# 2405
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

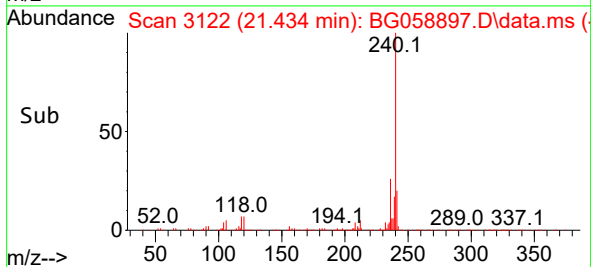
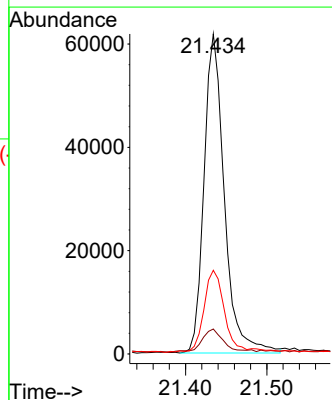
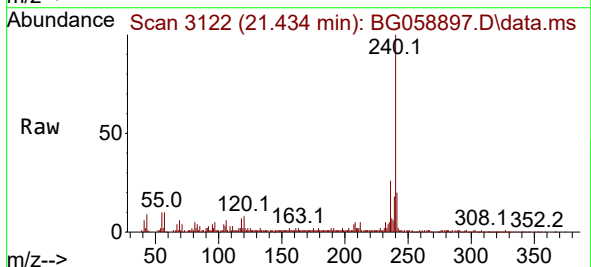
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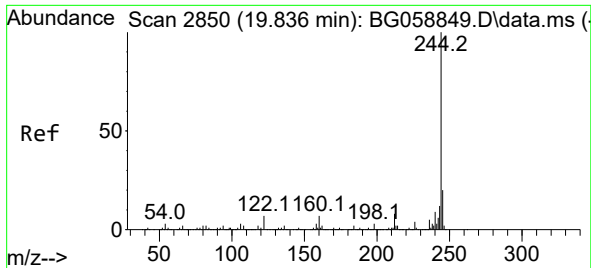
Tgt Ion:188 Resp: 133559
Ion Ratio Lower Upper
188 100
94 6.9 6.1 9.1
80 7.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.434 min Scan# 3122
Delta R.T. 0.008 min
Lab File: BG058897.D
Acq: 29 Aug 2023 21:32

Tgt Ion:240 Resp: 107182
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.1 20.5 30.7

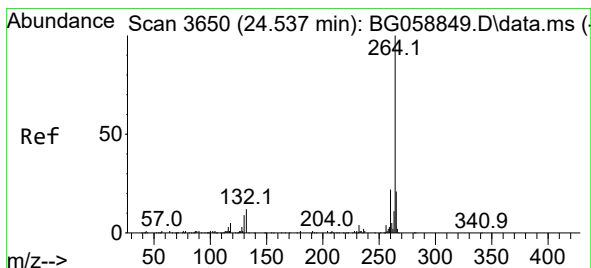
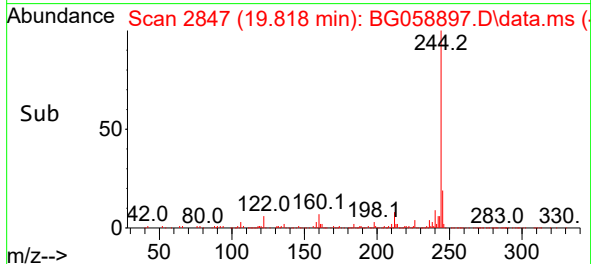
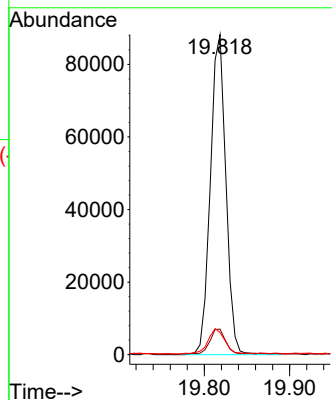
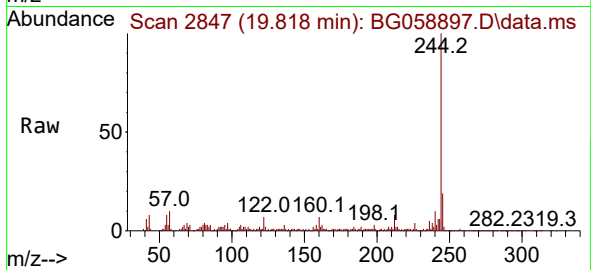




#79
 Terphenyl-d14
 Concen: 18.716 ng
 RT: 19.818 min Scan# 21
 Delta R.T. 0.014 min
 Lab File: BG058897.D
 Acq: 29 Aug 2023 21:32

Instrument :
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 ClientSampleId :
 HR-04-082523

Tgt Ion:244 Resp: 111719
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.2
 122 7.0 6.3 9.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.501 min Scan# 3644
 Delta R.T. 0.032 min
 Lab File: BG058897.D
 Acq: 29 Aug 2023 21:32

Tgt Ion:264 Resp: 91750
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.2 27.2
 265 22.8 16.4 24.6

