

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022223\
 Data File : BG056696.D
 Acq On : 22 Feb 2023 13:50
 Operator : CG/JU
 Sample : 01640-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Quant Time: Feb 22 17:16:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG021523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 22 14:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.427	152	16409	20.000	ng	0.00
21) Naphthalene-d8	11.270	136	63027	20.000	ng	# 0.00
39) Acenaphthene-d10	15.037	164	46903	20.000	ng	0.00
64) Phenanthrene-d10	17.769	188	123187	20.000	ng	0.00
76) Chrysene-d12	22.087	240	110098	20.000	ng	0.00
86) Perylene-d12	25.630	264	123174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.941	112	115223	114.252	ng	0.00
7) Phenol-d6	7.557	99	164345	110.320	ng	0.00
23) Nitrobenzene-d5	9.602	82	104461	84.861	ng	0.00
42) 2,4,6-Tribromophenol	16.511	330	84402	131.435	ng	0.00
45) 2-Fluorobiphenyl	13.662	172	222905	63.638	ng	0.00
79) Terphenyl-d14	20.336	244	435547	64.725	ng	0.00

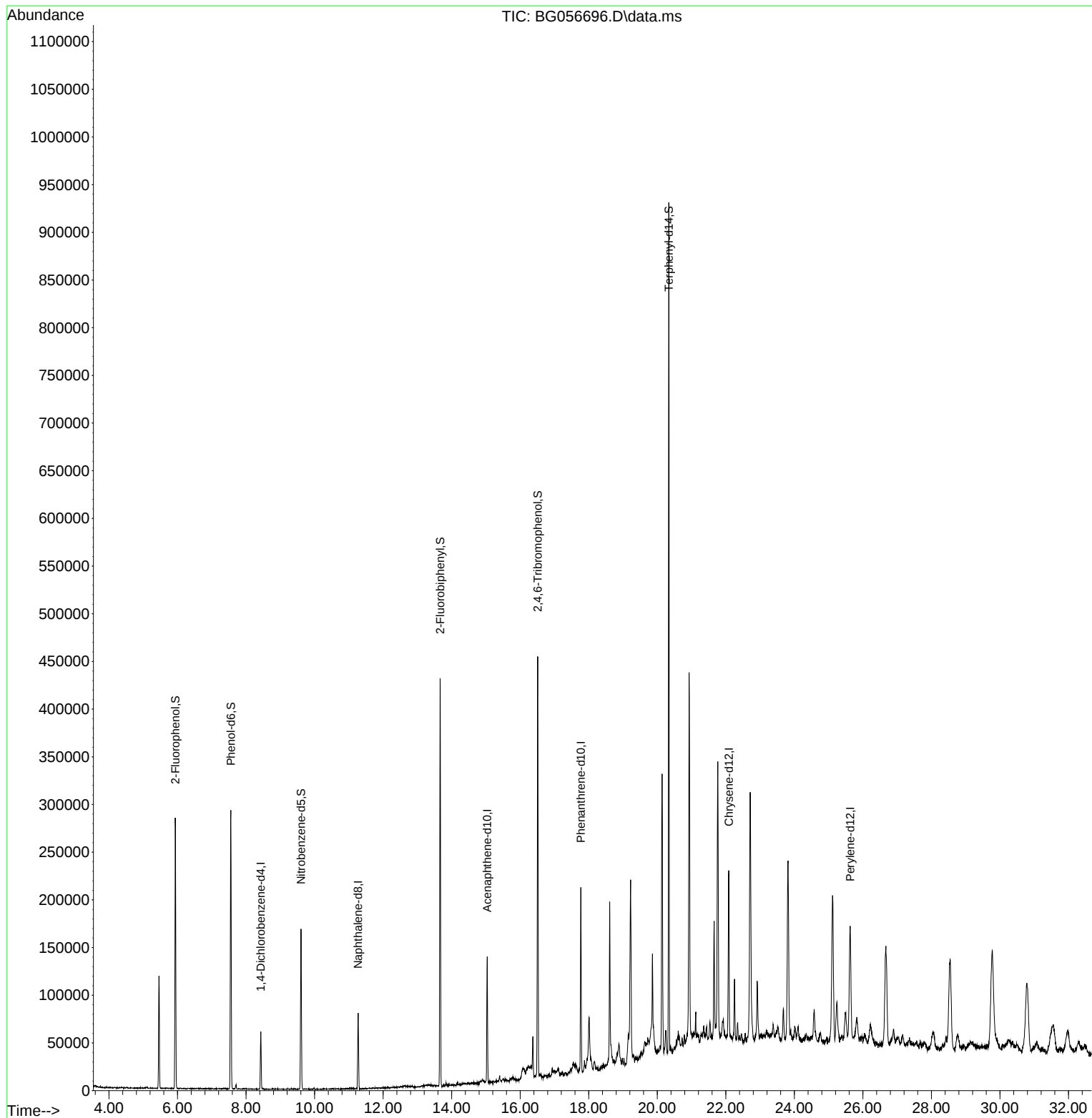
Target Compounds	Qvalue

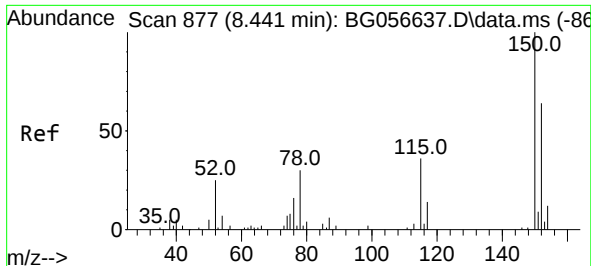
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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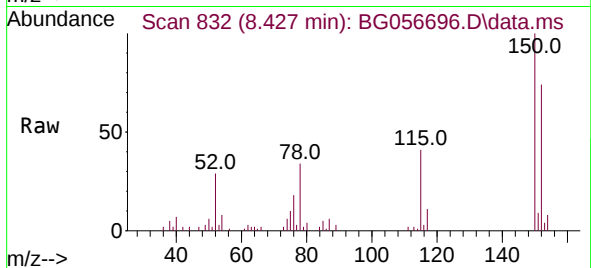
Quant Time: Feb 22 17:16:09 2023
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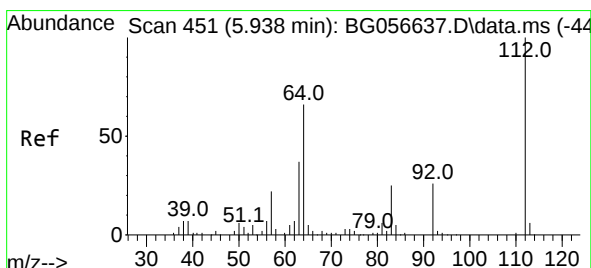
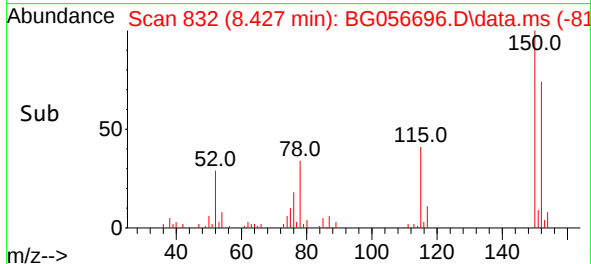
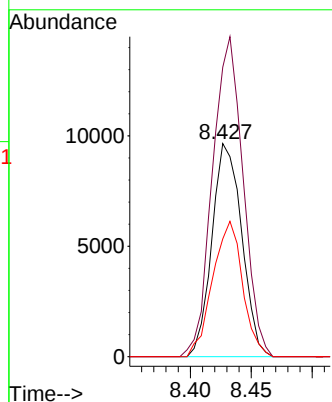


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.427 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

Instrument :
BNA_G
ClientSampleId :
TP-3

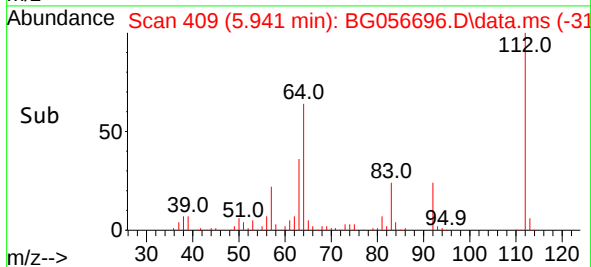
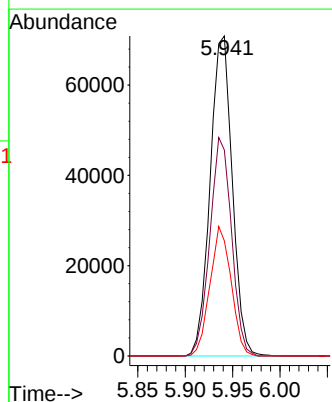
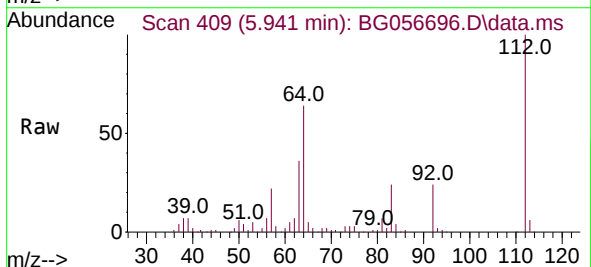


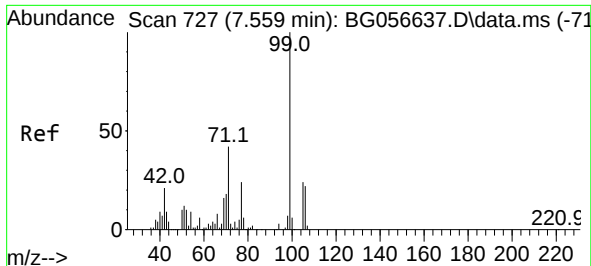
Tgt Ion:152 Resp: 16409
Ion Ratio Lower Upper
152 100
150 135.8 124.8 187.2
115 55.2 44.7 67.1



#5
2-Fluorophenol
Concen: 114.252 ng
RT: 5.941 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

Tgt Ion:112 Resp: 115223
Ion Ratio Lower Upper
112 100
64 64.3 52.6 78.8
63 36.0 29.8 44.6

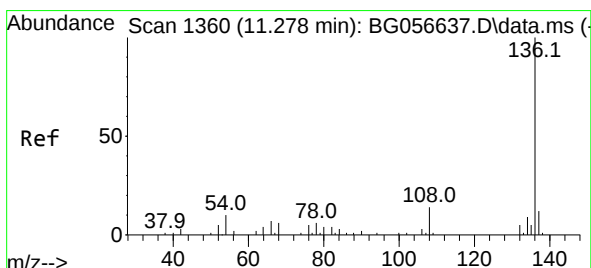
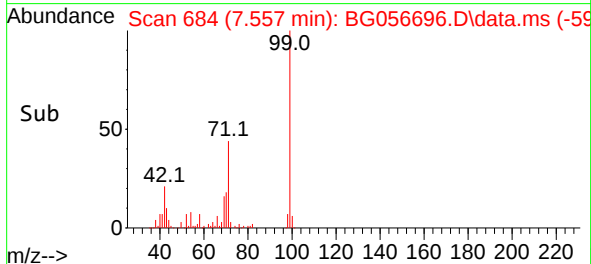
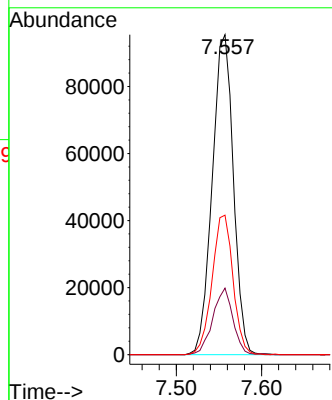
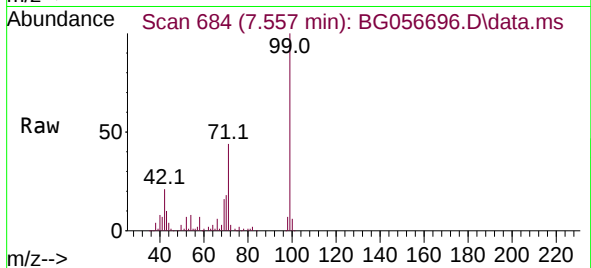




#7
Phenol-d6
Concen: 110.320 ng
RT: 7.557 min Scan# 68
Delta R.T. 0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

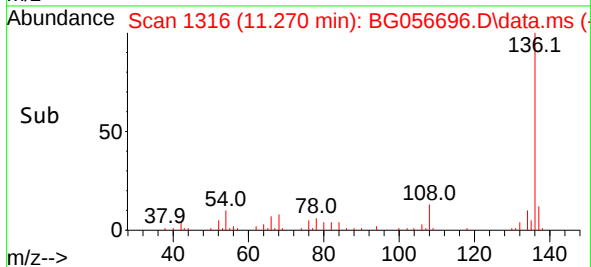
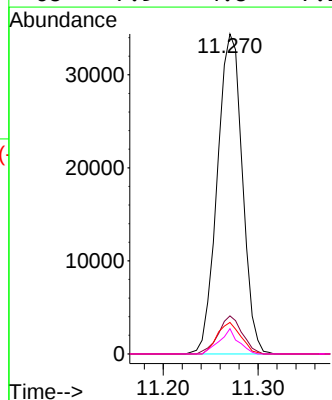
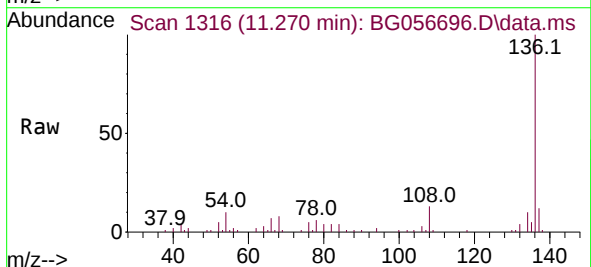
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ClientSampleId :
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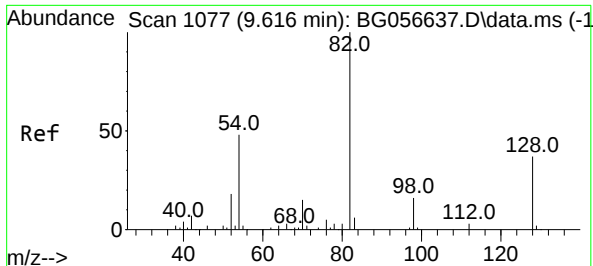
Tgt Ion: 99 Resp: 164345
Ion Ratio Lower Upper
99 100
42 20.8 16.8 25.2
71 43.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.270 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

Tgt Ion: 136 Resp: 63027
Ion Ratio Lower Upper
136 100
137 11.9 9.7 14.5
54 9.8 7.7 11.5
68 7.9 4.8 7.2#

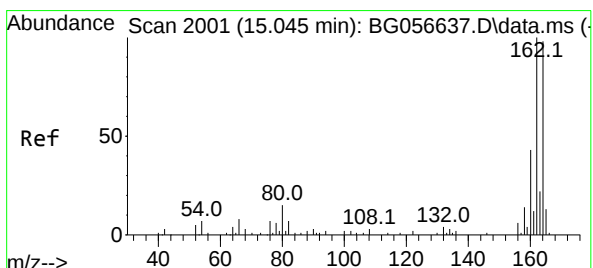
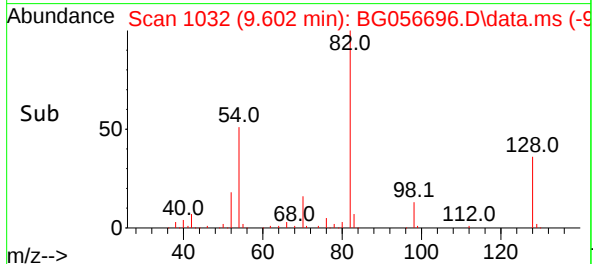
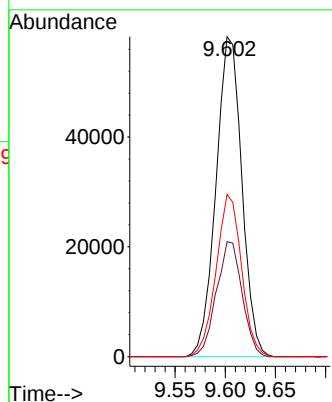
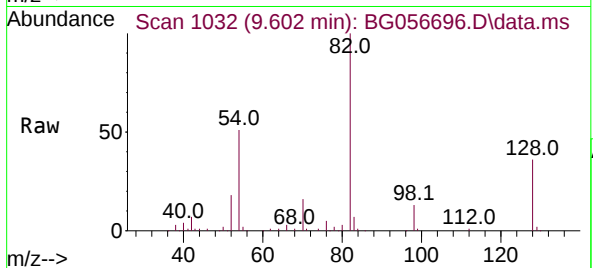




#23
Nitrobenzene-d5
Concen: 84.861 ng
RT: 9.602 min Scan# 1077
Delta R.T. 0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

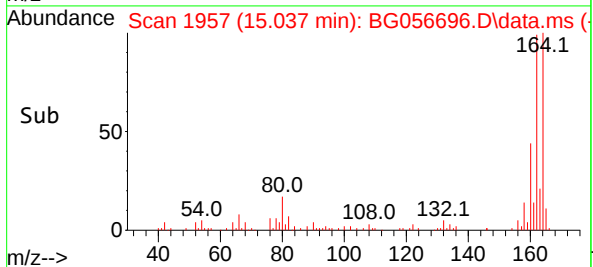
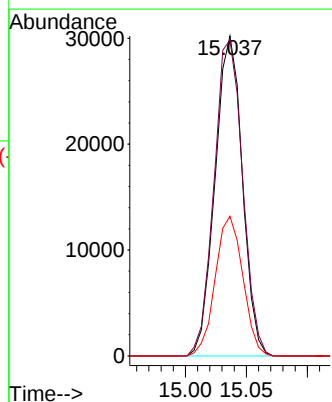
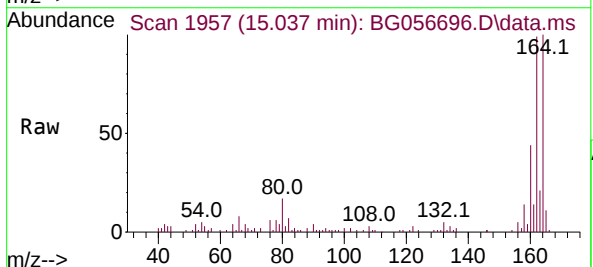
Instrument :
BNA_G
ClientSampleId :
TP-3

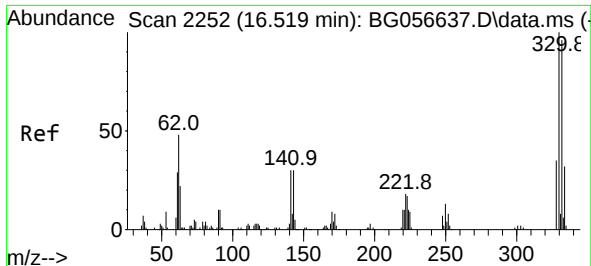
Tgt Ion: 82 Resp: 104461
Ion Ratio Lower Upper
82 100
128 35.9 29.4 44.2
54 50.7 37.8 56.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.037 min Scan# 1957
Delta R.T. 0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

Tgt Ion:164 Resp: 46903
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 43.6 35.2 52.8

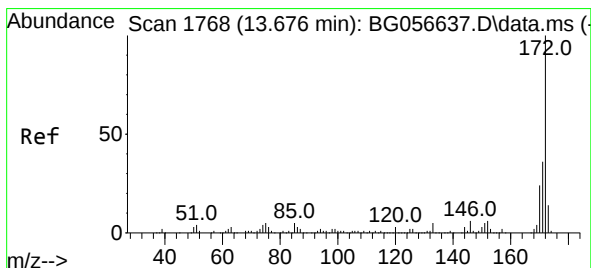
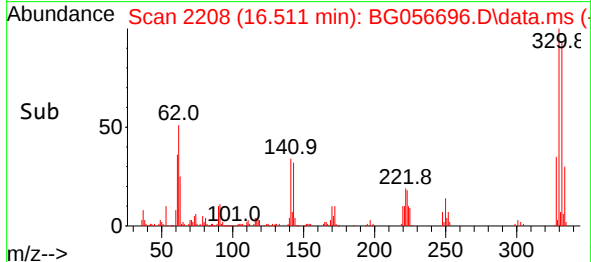
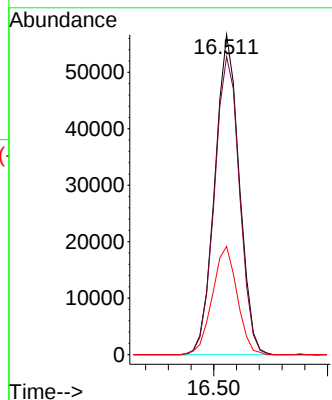
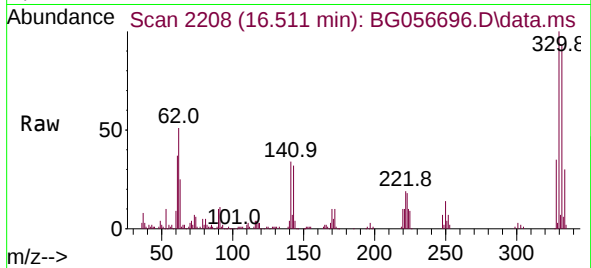




#42
2,4,6-Tribromophenol
Concen: 131.435 ng
RT: 16.511 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

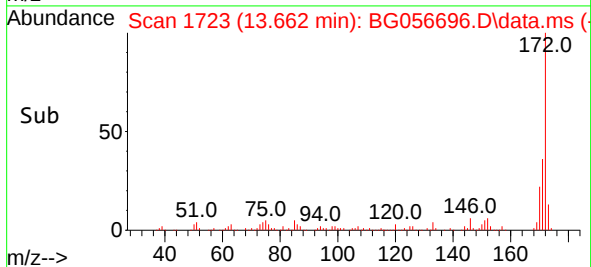
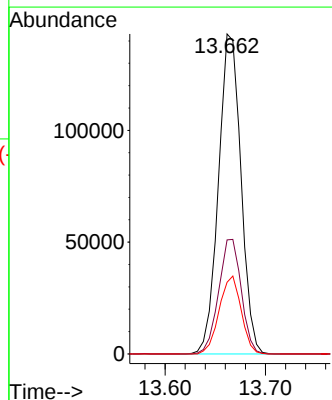
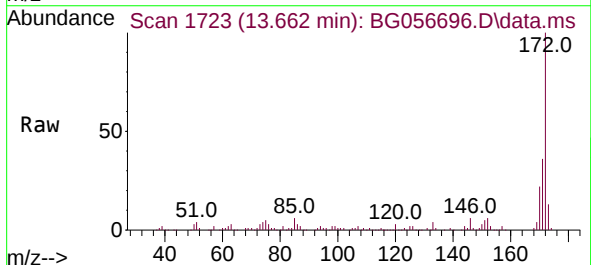
Instrument :
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ClientSampleId :
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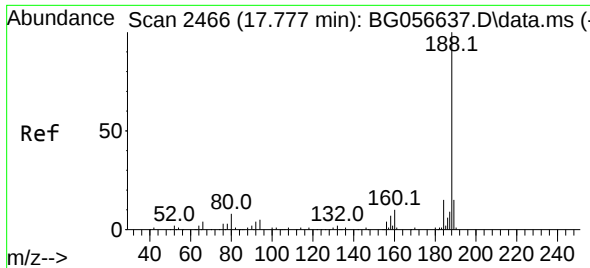
Tgt Ion:330 Resp: 84402
Ion Ratio Lower Upper
330 100
332 95.5 75.7 113.5
141 34.4 24.6 37.0



#45
2-Fluorobiphenyl
Concen: 63.638 ng
RT: 13.662 min Scan# 1723
Delta R.T. -0.006 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

Tgt Ion:172 Resp: 222905
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 22.4 19.4 29.0

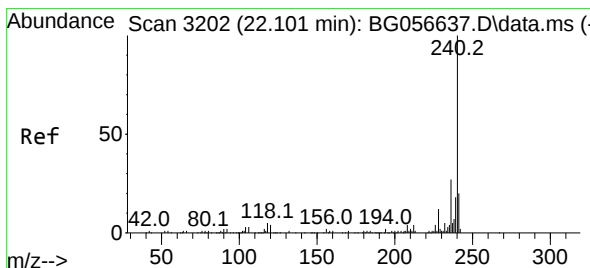
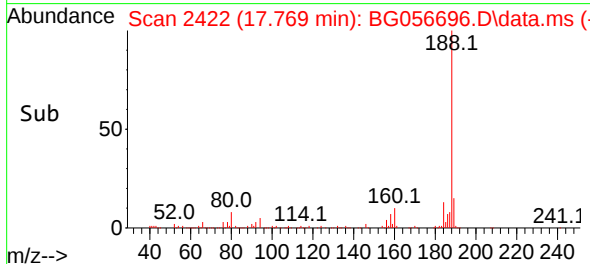
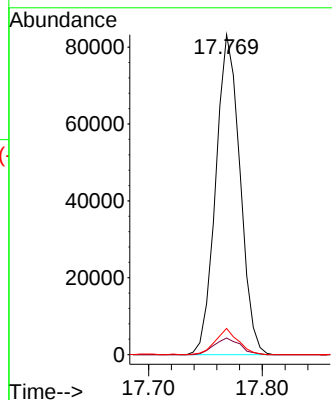
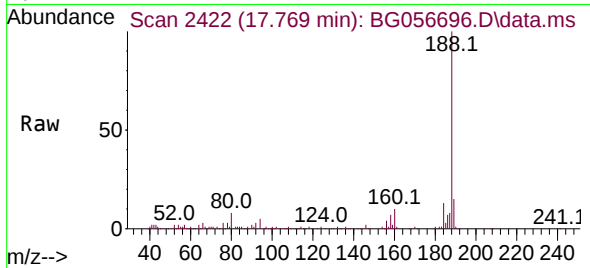




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.769 min Scan# 2466
Delta R.T. -0.006 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

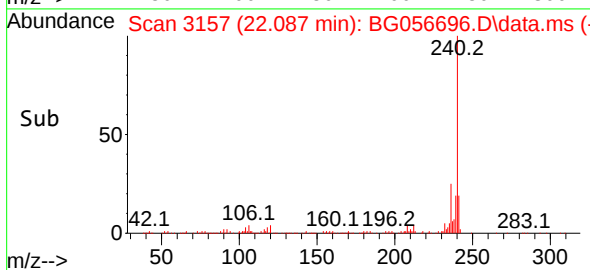
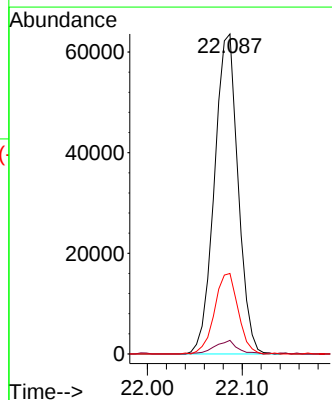
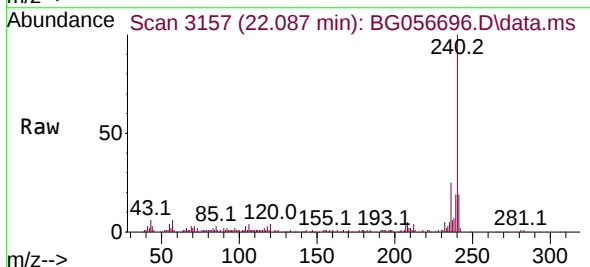
Instrument :
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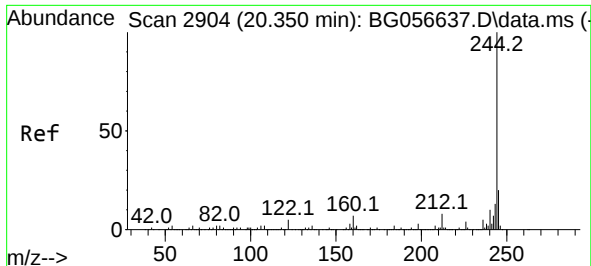
Tgt Ion:188 Resp: 123187
Ion Ratio Lower Upper
188 100
94 5.2 4.0 6.0
80 8.2 6.3 9.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.087 min Scan# 3157
Delta R.T. 0.000 min
Lab File: BG056696.D
Acq: 22 Feb 2023 13:50

Tgt Ion:240 Resp: 110098
Ion Ratio Lower Upper
240 100
120 4.2 3.5 5.3
236 25.1 21.5 32.3

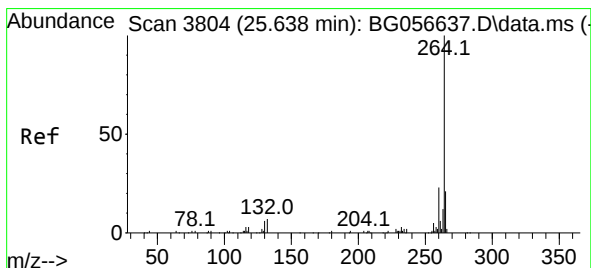
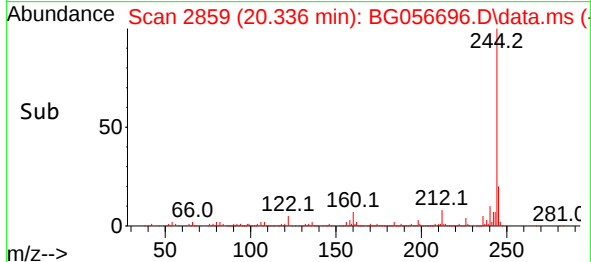
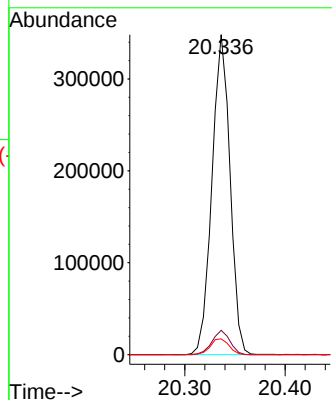
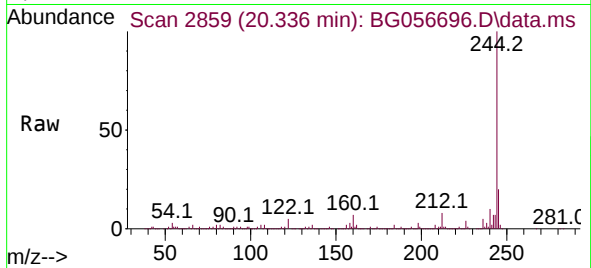




#79
 Terphenyl-d14
 Concen: 64.725 ng
 RT: 20.336 min Scan# 2859
 Delta R.T. 0.000 min
 Lab File: BG056696.D
 Acq: 22 Feb 2023 13:50

Instrument :
 BNA_G
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 435547
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 4.9 3.8 5.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.630 min Scan# 3760
 Delta R.T. 0.006 min
 Lab File: BG056696.D
 Acq: 22 Feb 2023 13:50

Tgt Ion:264 Resp: 123174
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 20.8 17.0 25.4

