

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051722\
 Data File : BG053594.D
 Acq On : 17 May 2022 21:42
 Operator : CG/JU
 Sample : N2832-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB09

Quant Time: May 18 03:14:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 11 06:00:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	31959	20.000	ng	0.00
21) Naphthalene-d8	10.889	136	132180	20.000	ng	# 0.00
39) Acenaphthene-d10	14.707	164	96605	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	206556	20.000	ng	0.00
76) Chrysene-d12	21.733	240	192835	20.000	ng	0.00
86) Perylene-d12	25.011	264	195112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.649	112	192428	102.186	ng	0.00
7) Phenol-d6	7.247	99	290034	101.484	ng	0.00
23) Nitrobenzene-d5	9.244	82	208884	67.271	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	124050	87.064	ng	0.00
45) 2-Fluorobiphenyl	13.327	172	441150	66.730	ng	0.00
79) Terphenyl-d14	20.053	244	637795	61.601	ng	0.00

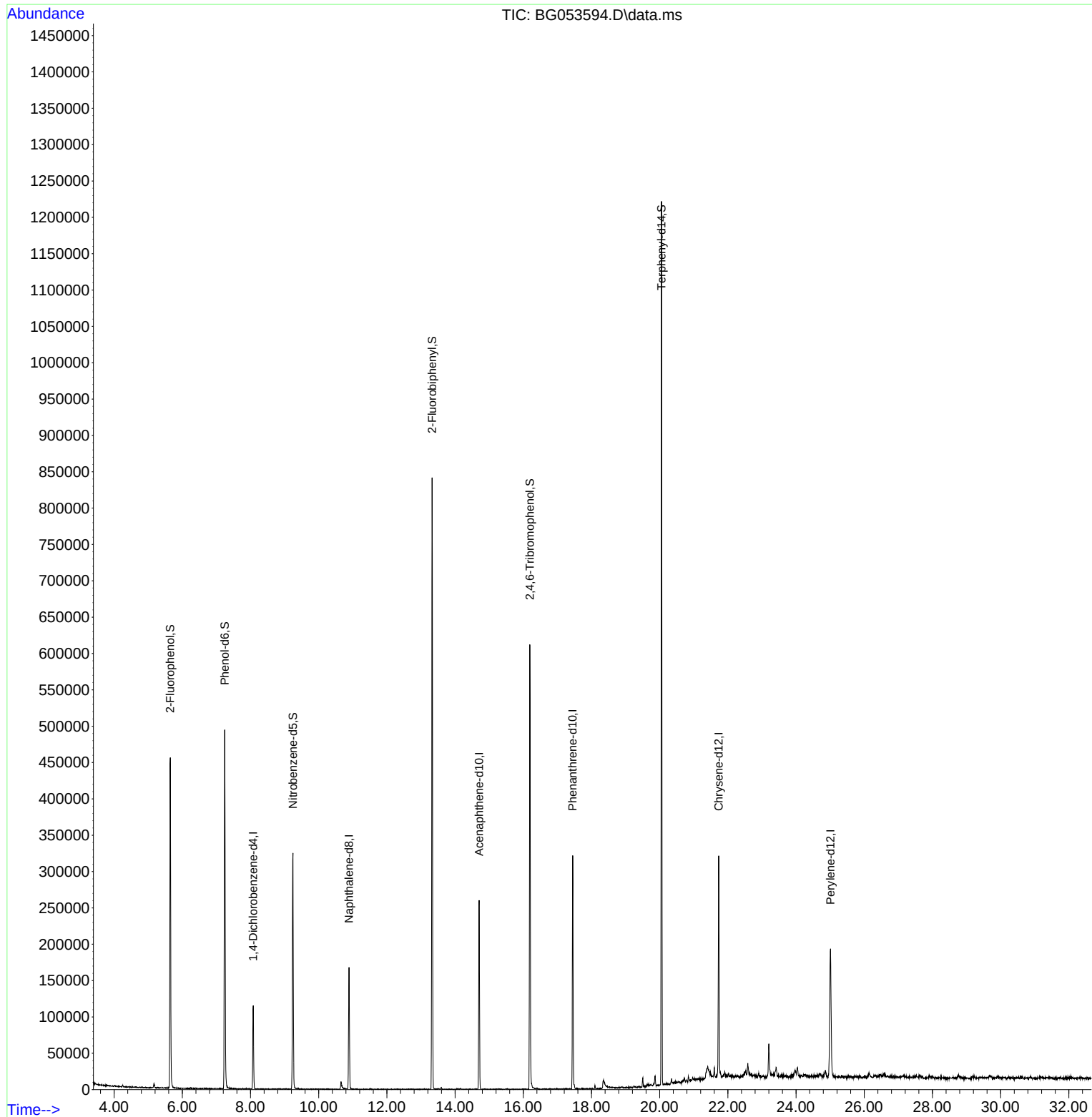
Target Compounds	Qvalue

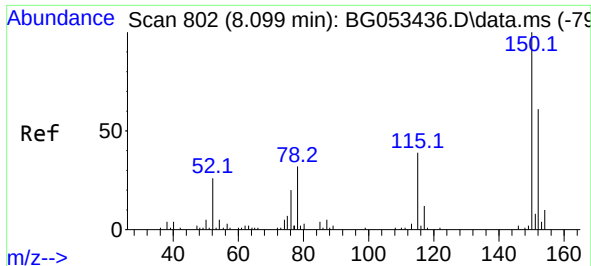
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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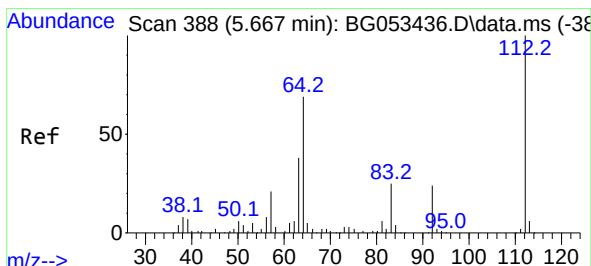
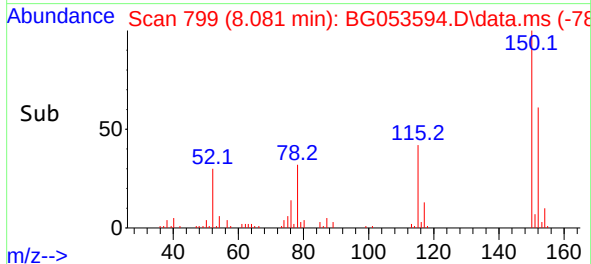
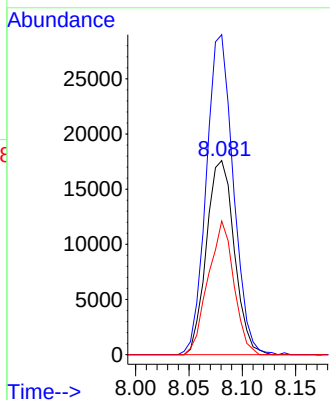
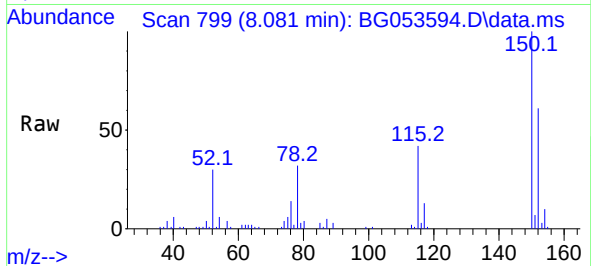




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.081 min Scan# 79
Delta R.T. -0.008 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

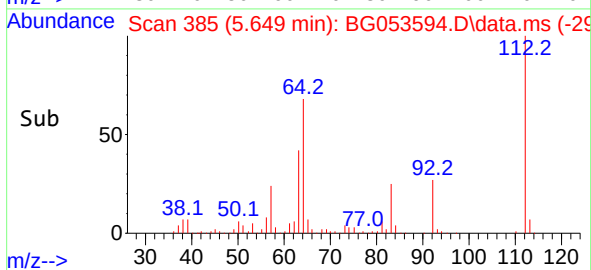
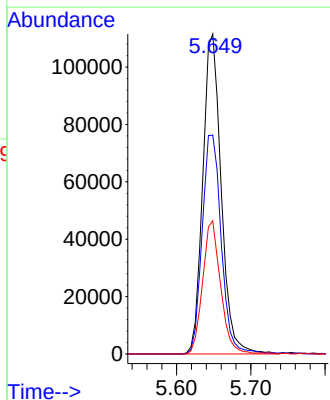
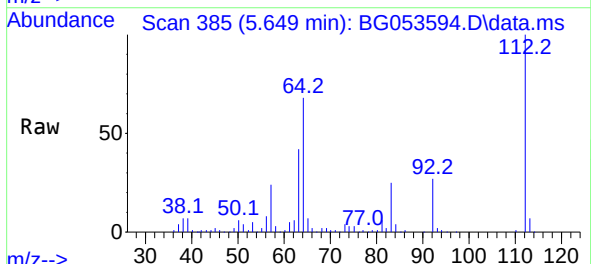
Instrument :
BNA_G
ClientSampleId :
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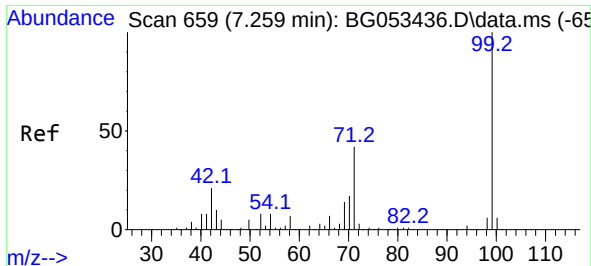
Tgt Ion:152 Resp: 31959
Ion Ratio Lower Upper
152 100
150 164.9 131.6 197.4
115 68.8 50.9 76.3



#5
2-Fluorophenol
Concen: 102.186 ng
RT: 5.649 min Scan# 385
Delta R.T. -0.003 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:112 Resp: 192428
Ion Ratio Lower Upper
112 100
64 68.4 55.1 82.7
63 41.6 30.4 45.6

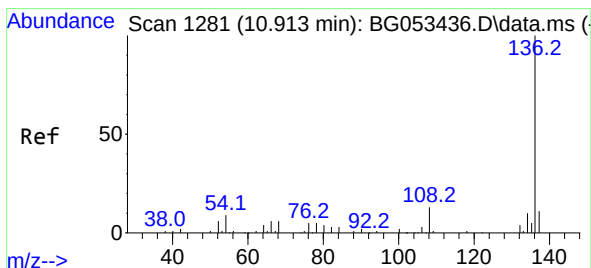
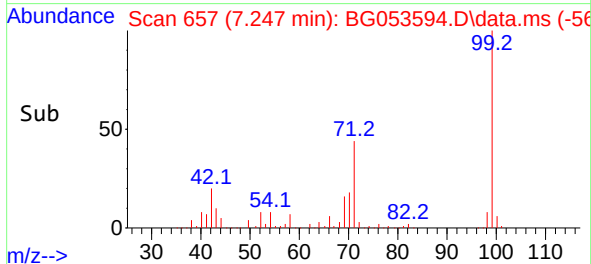
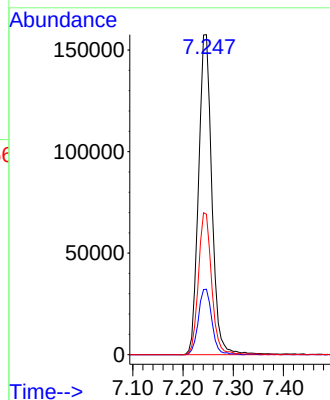
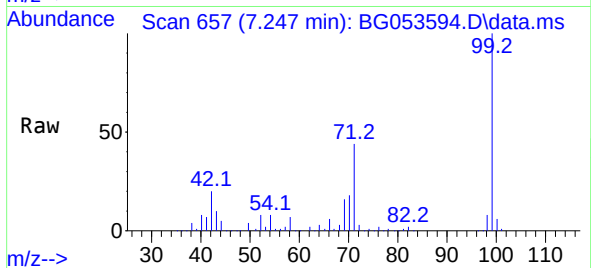




#7
Phenol-d6
Concen: 101.484 ng
RT: 7.247 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

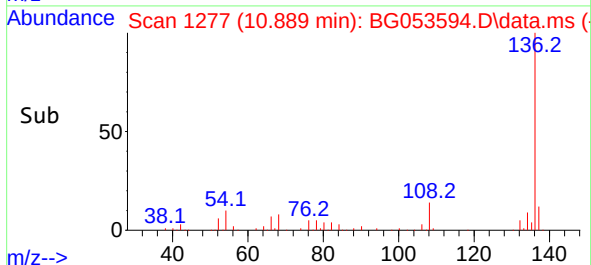
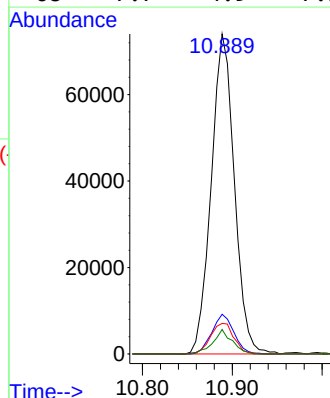
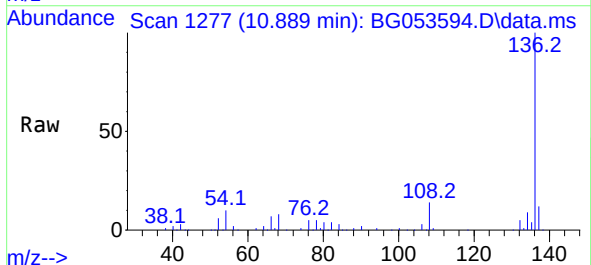
Instrument :
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ClientSampleId :
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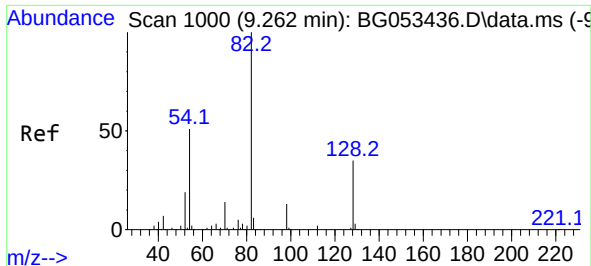
Tgt Ion: 99 Resp: 290034
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 43.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.889 min Scan# 1277
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion: 136 Resp: 132180
Ion Ratio Lower Upper
136 100
137 12.4 8.5 12.7
54 9.6 7.4 11.2
68 7.7 4.9 7.3#

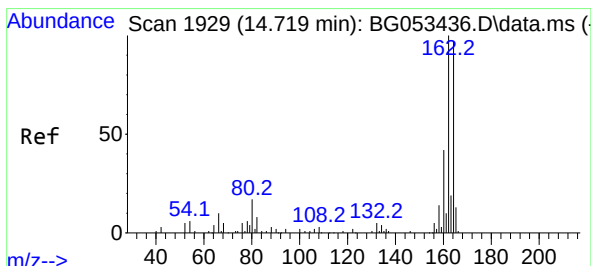
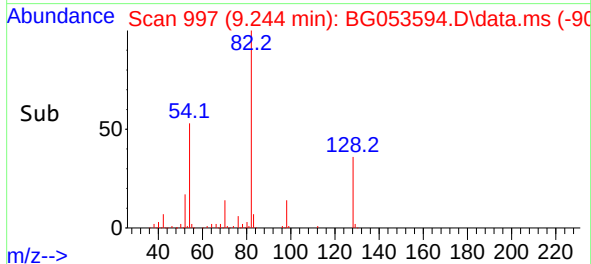
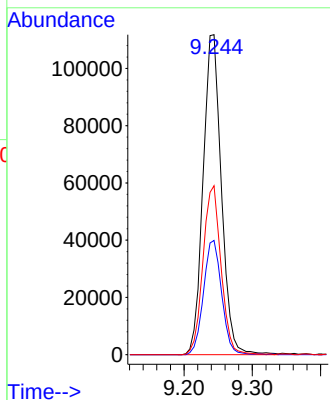
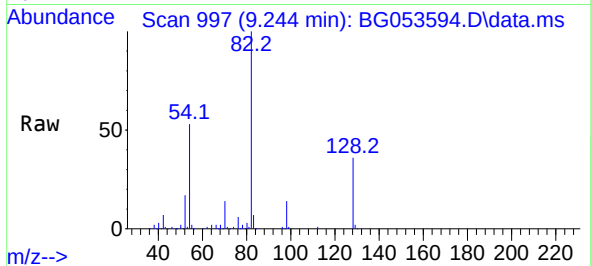




#23
Nitrobenzene-d5
Concen: 67.271 ng
RT: 9.244 min Scan# 91
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

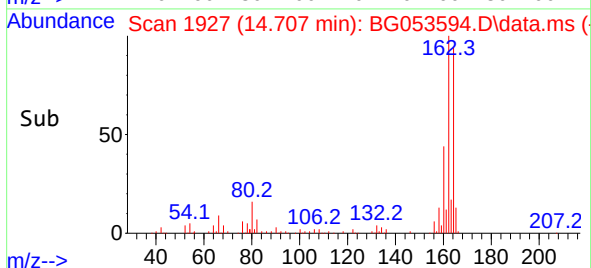
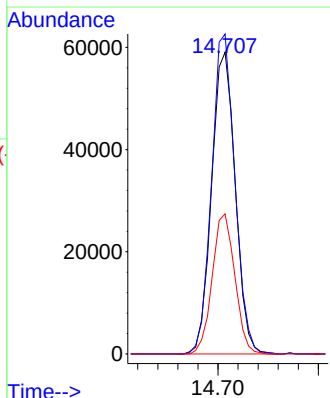
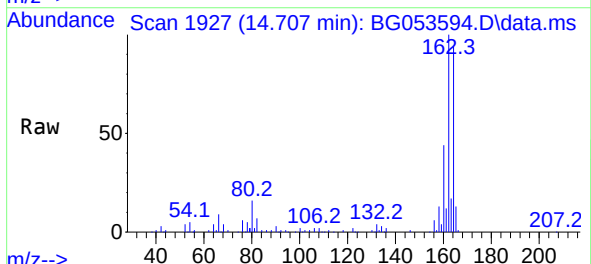
Instrument :
BNA_G
ClientSampleId :
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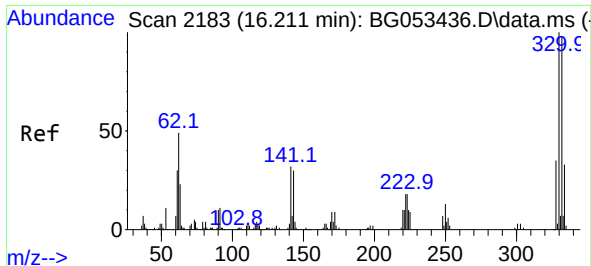
Tgt Ion: 82 Resp: 208884
Ion Ratio Lower Upper
82 100
128 35.7 27.9 41.9
54 52.8 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.707 min Scan# 1927
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion: 164 Resp: 96605
Ion Ratio Lower Upper
164 100
162 106.1 82.3 123.5
160 46.4 34.2 51.2

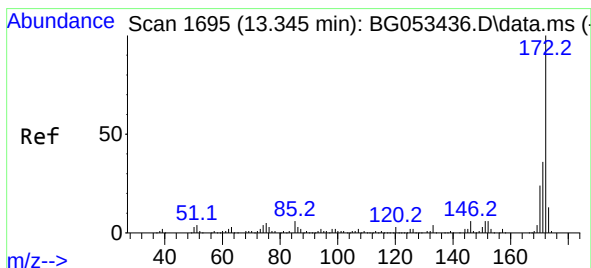
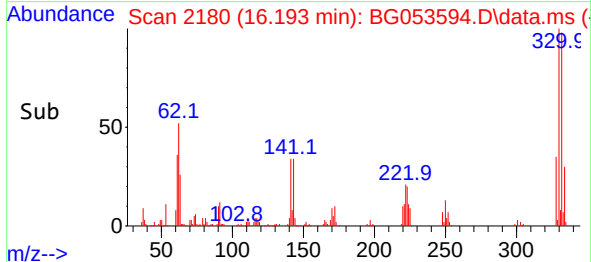
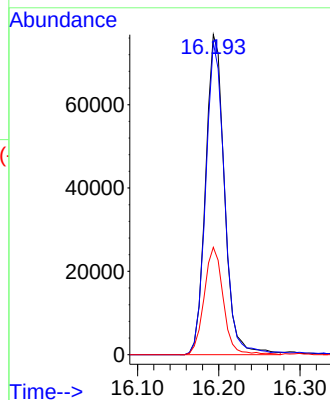
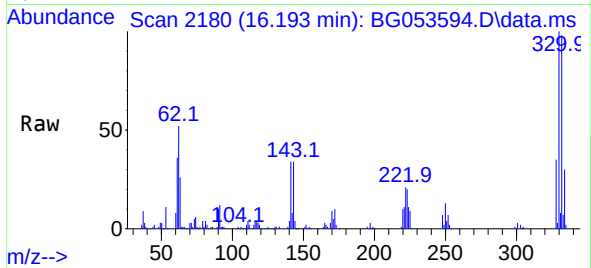




#42
2,4,6-Tribromophenol
Concen: 87.064 ng
RT: 16.193 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

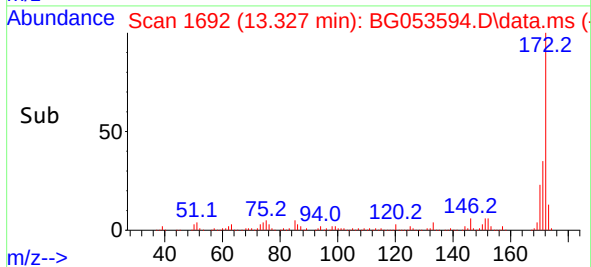
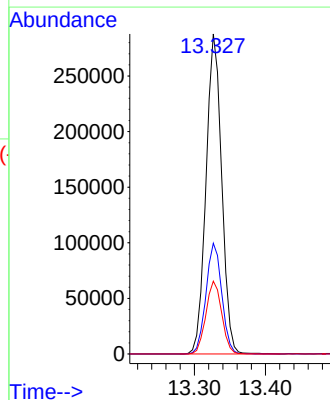
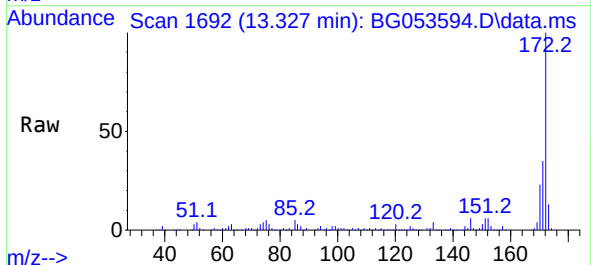
Instrument :
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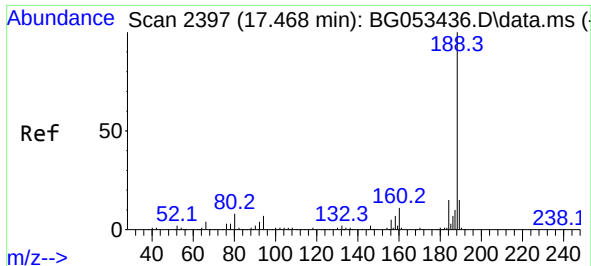
Tgt Ion:330 Resp: 124050
Ion Ratio Lower Upper
330 100
332 97.5 76.0 114.0
141 33.9 27.1 40.7



#45
2-Fluorobiphenyl
Concen: 66.730 ng
RT: 13.327 min Scan# 1692
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:172 Resp: 441150
Ion Ratio Lower Upper
172 100
171 34.6 28.5 42.7
170 22.8 18.9 28.3

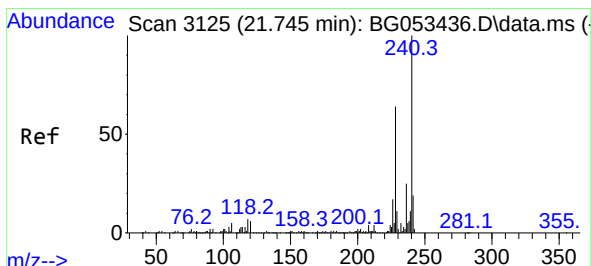
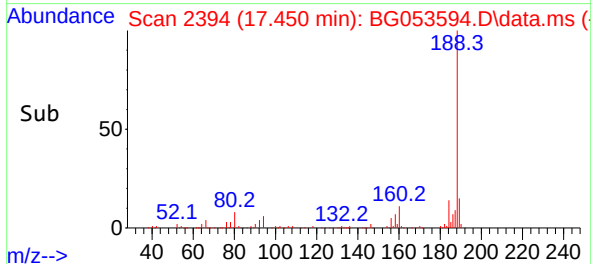
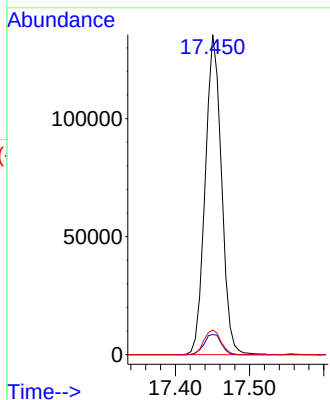
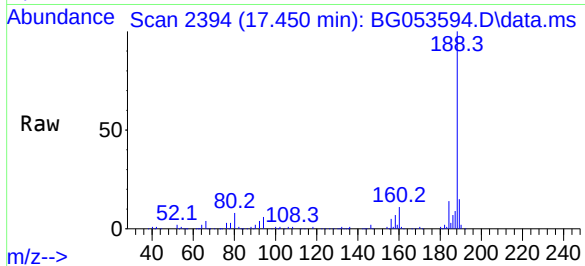




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.450 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

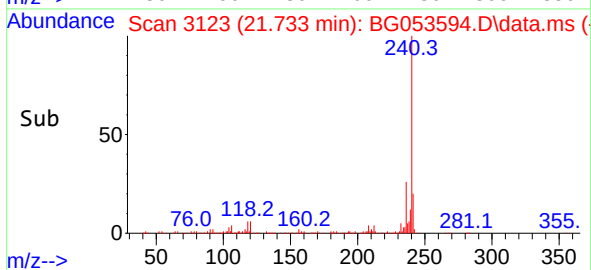
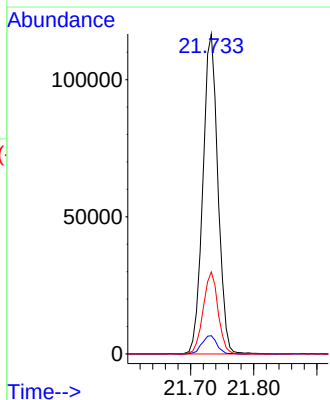
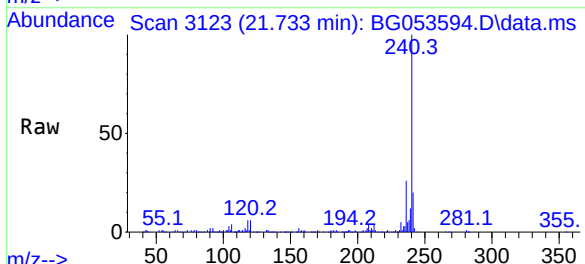
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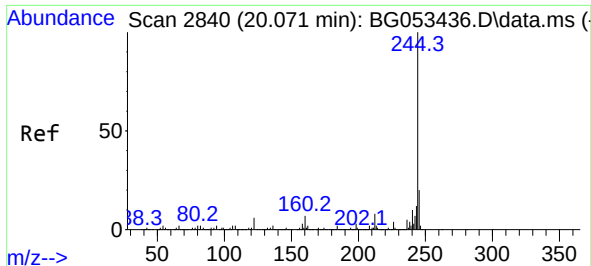
Tgt Ion:188 Resp: 206556
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 7.7 6.8 10.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.733 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BG053594.D
Acq: 17 May 2022 21:42

Tgt Ion:240 Resp: 192835
Ion Ratio Lower Upper
240 100
120 5.7 4.6 7.0
236 25.6 20.2 30.4

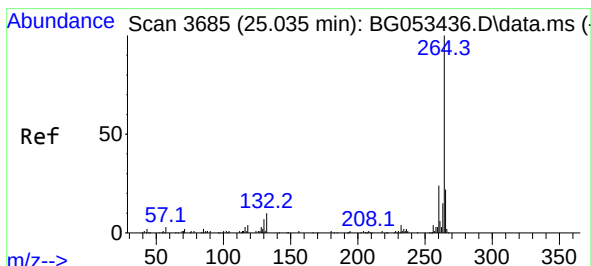
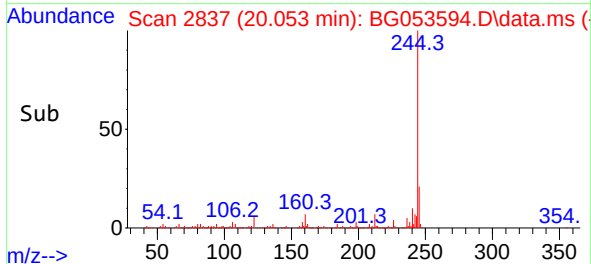
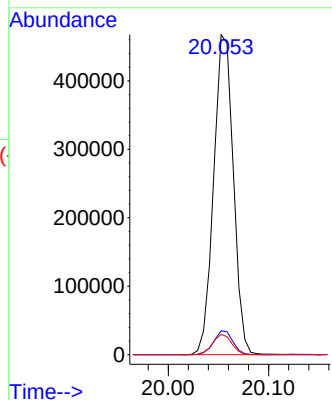
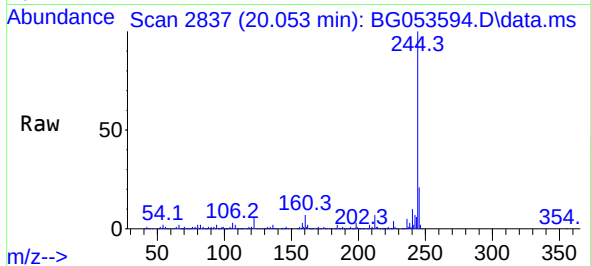




#79
 Terphenyl-d14
 Concen: 61.601 ng
 RT: 20.053 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053594.D
 Acq: 17 May 2022 21:42

Instrument :
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Tgt Ion:244 Resp: 637795
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 6.4 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.011 min Scan# 3681
 Delta R.T. -0.009 min
 Lab File: BG053594.D
 Acq: 17 May 2022 21:42

Tgt Ion:264 Resp: 195112
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.2 17.4 26.2

