

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055594.D
 Acq On : 12 Nov 2022 18:01
 Operator : CG/JU
 Sample : N5431-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:29:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	55689	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	234240	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	176329	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	445500	20.000	ng	0.00
76) Chrysene-d12	21.927	240	452350	20.000	ng	0.00
86) Perylene-d12	25.346	264	483292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	84420	28.874	ng	0.00
7) Phenol-d6	7.397	99	87190	21.589	ng	0.00
23) Nitrobenzene-d5	9.436	82	147366	42.649	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	140993	81.951	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	378951	32.417	ng	0.00
79) Terphenyl-d14	20.211	244	727848	32.318	ng	0.00

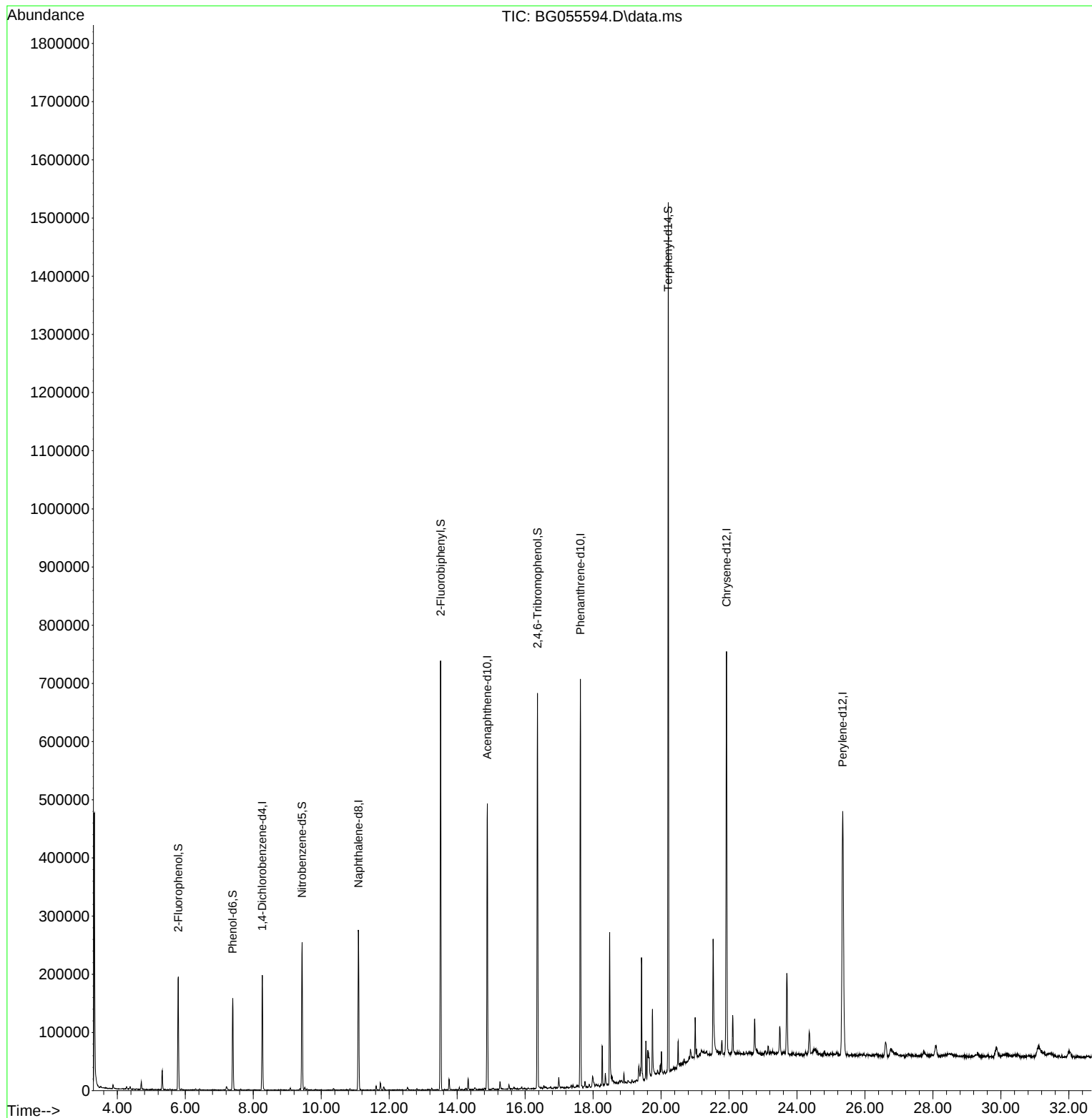
Target Compounds	Qvalue

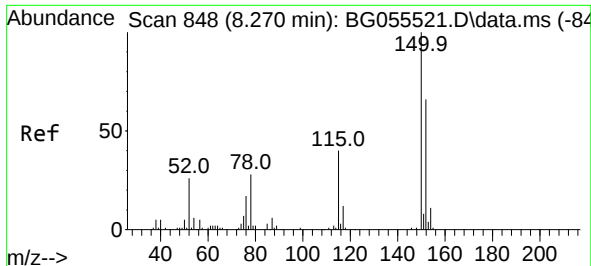
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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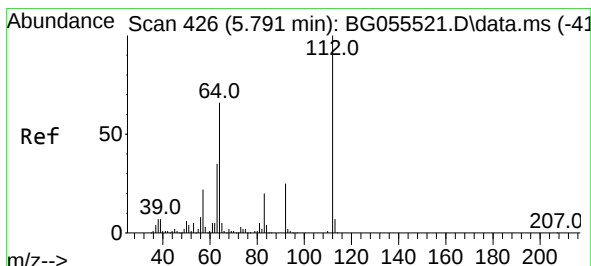
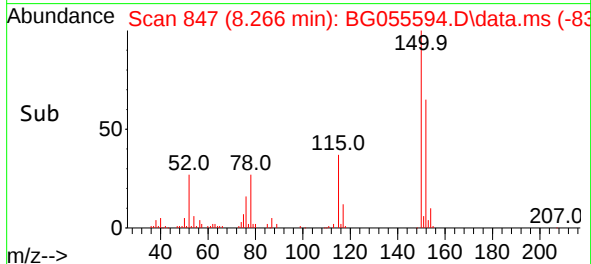
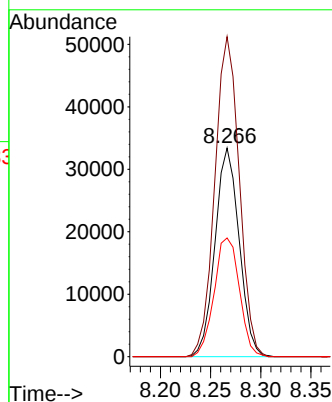
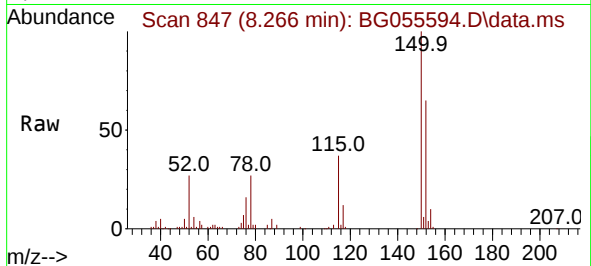




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.266 min Scan# 848
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

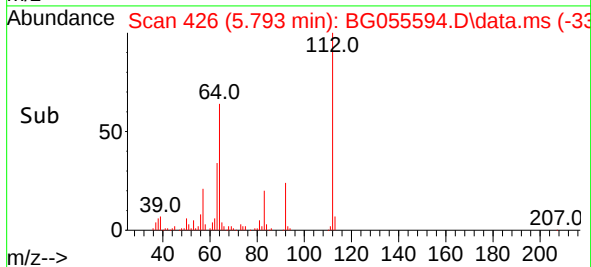
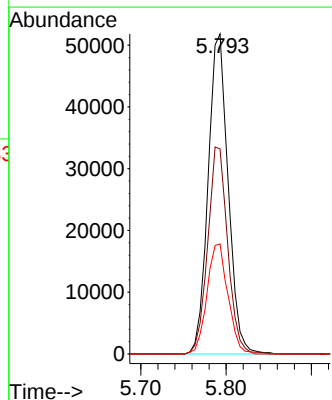
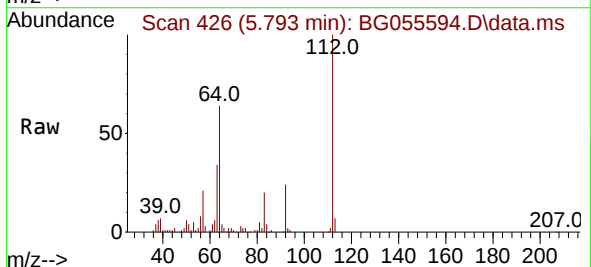
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

Tgt Ion:152 Resp: 55689
Ion Ratio Lower Upper
152 100
150 153.4 121.0 181.4
115 56.9 47.8 71.8



#5
2-Fluorophenol
Concen: 28.874 ng
RT: 5.793 min Scan# 426
Delta R.T. 0.002 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:112 Resp: 84420
Ion Ratio Lower Upper
112 100
64 64.1 52.6 78.8
63 34.4 28.3 42.5

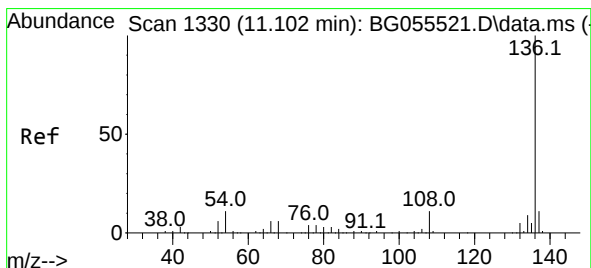
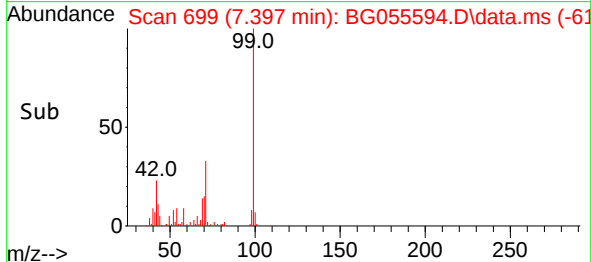
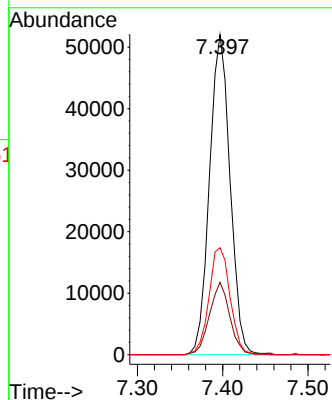
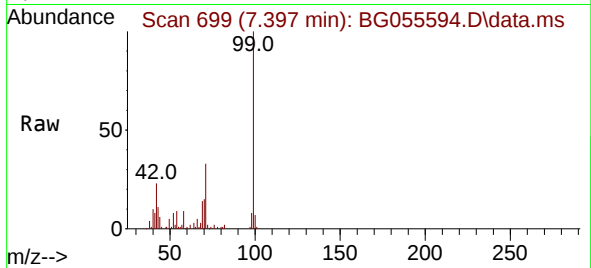




#7
Phenol-d6
Concen: 21.589 ng
RT: 7.397 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

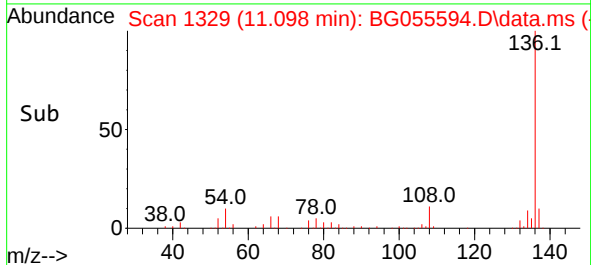
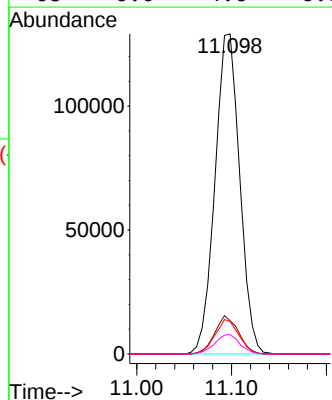
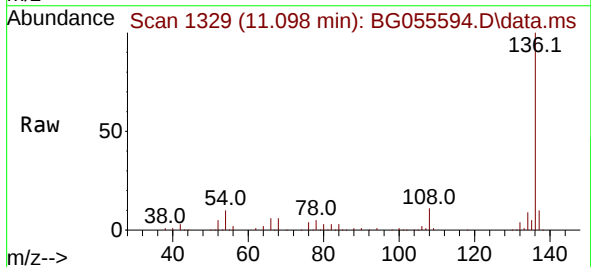
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

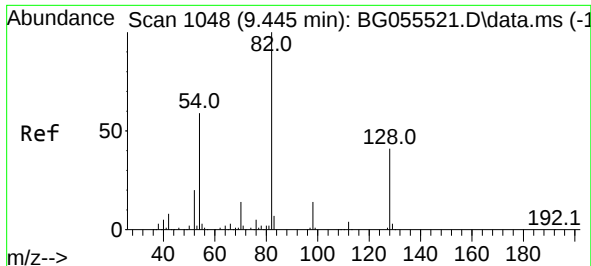
Tgt Ion: 99 Resp: 87190
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 33.5 28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.098 min Scan# 1329
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion: 136 Resp: 234240
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 10.1 8.6 12.8
68 6.0 4.6 6.8





#23

Nitrobenzene-d5

Concen: 42.649 ng

RT: 9.436 min Scan# 1

Delta R.T. -0.009 min

Lab File: BG055594.D

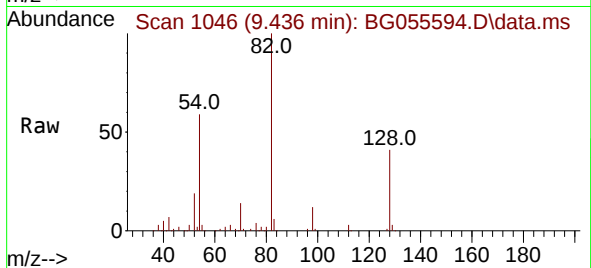
Acq: 12 Nov 2022 18:01

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE



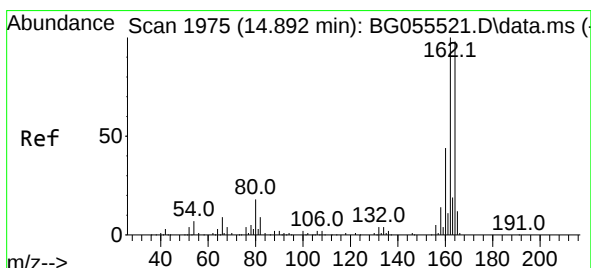
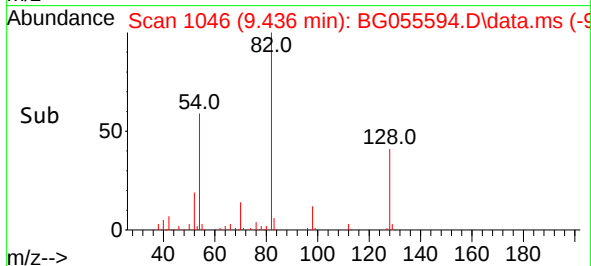
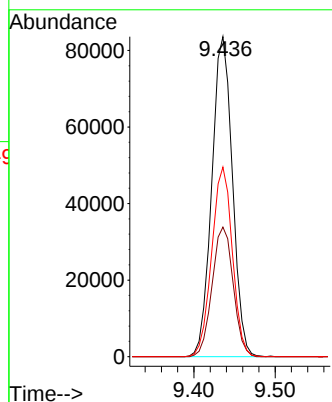
Tgt Ion: 82 Resp: 147366

Ion Ratio Lower Upper

82 100

128 40.5 32.6 49.0

54 59.3 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG055594.D

Acq: 12 Nov 2022 18:01

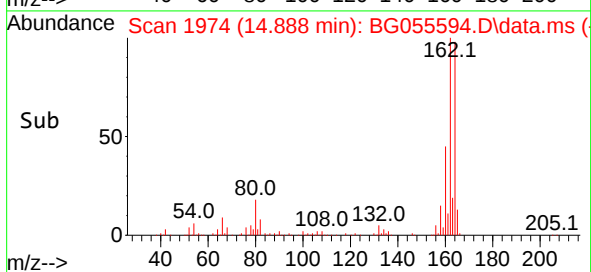
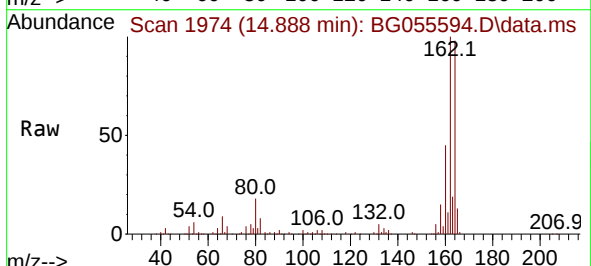
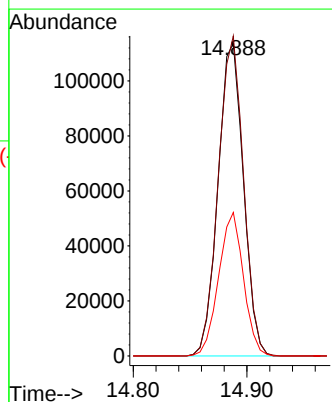
Tgt Ion: 164 Resp: 176329

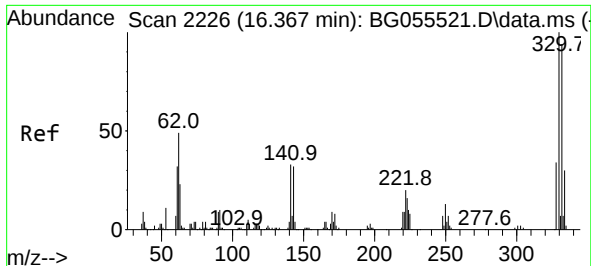
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 45.9 35.9 53.9

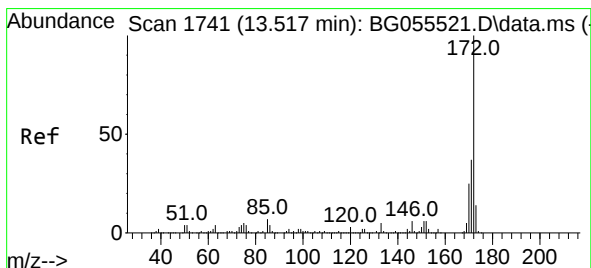
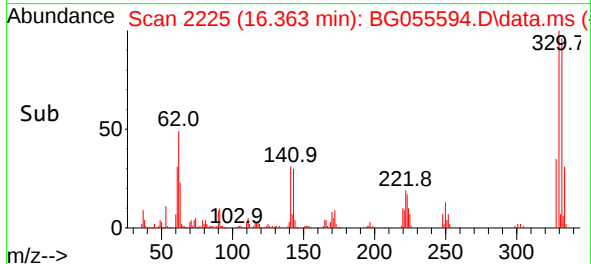
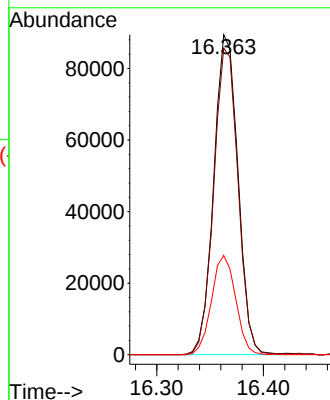
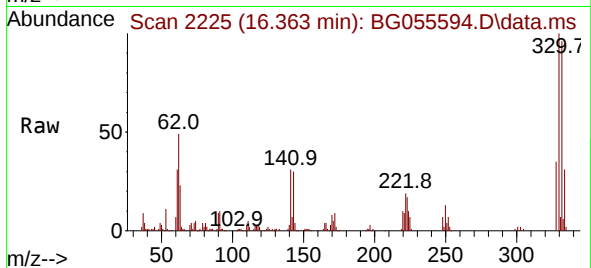




#42
2,4,6-Tribromophenol
Concen: 81.951 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

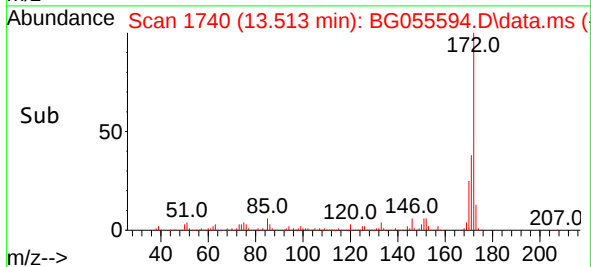
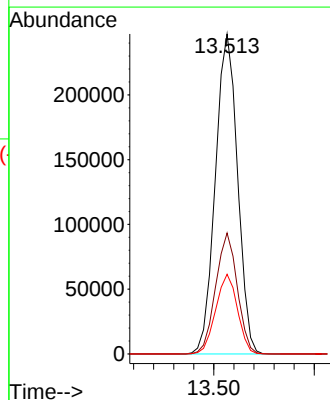
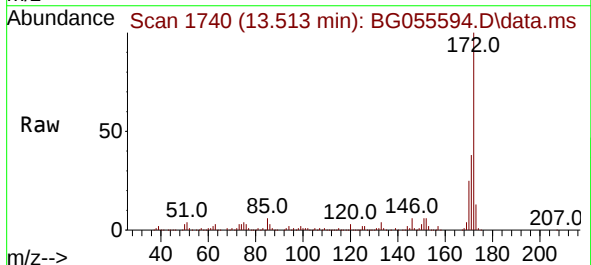
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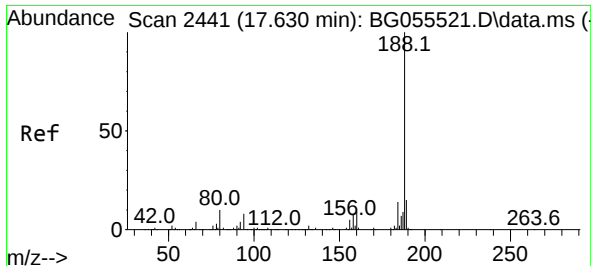
Tgt Ion:330 Resp: 140993
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 30.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 32.417 ng
RT: 13.513 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:172 Resp: 378951
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 24.9 19.8 29.6

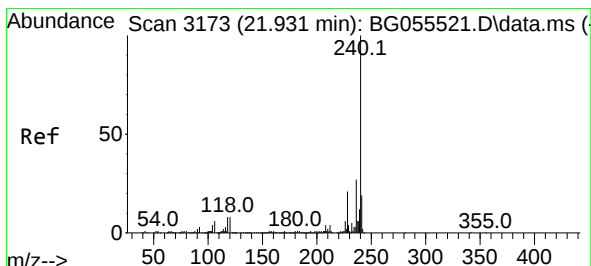
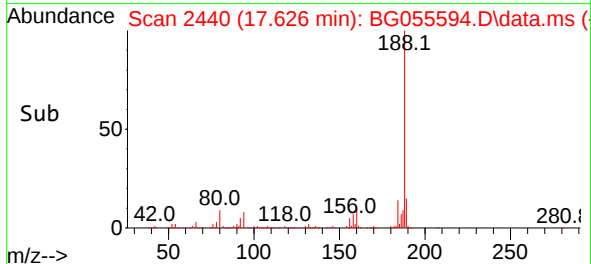
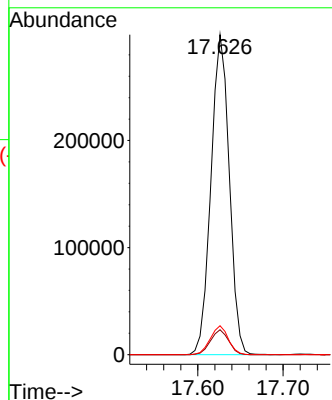
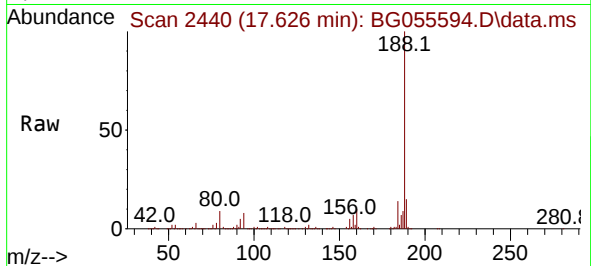




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

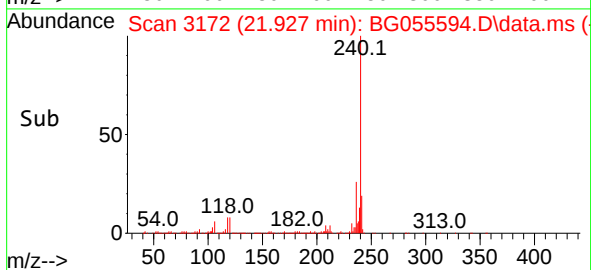
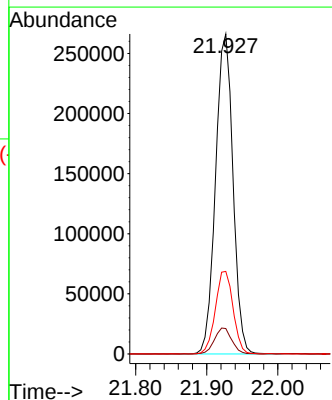
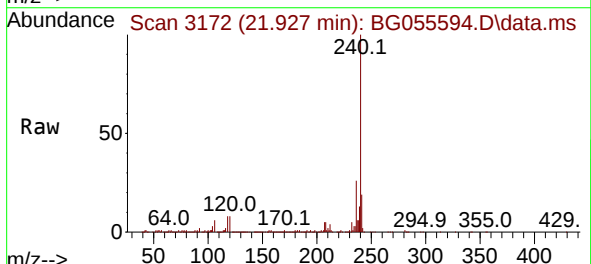
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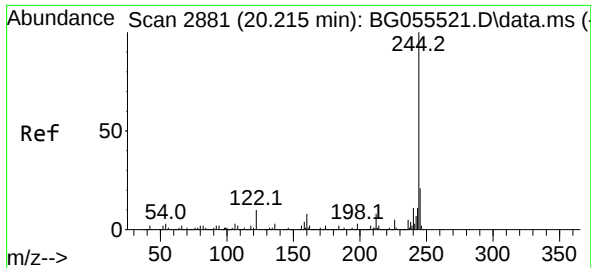
Tgt Ion:188 Resp: 445500
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.0 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:240 Resp: 452350
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 25.8 21.4 32.0

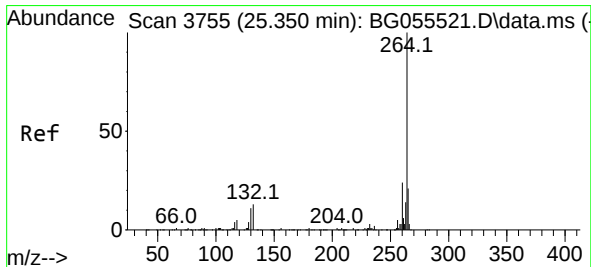
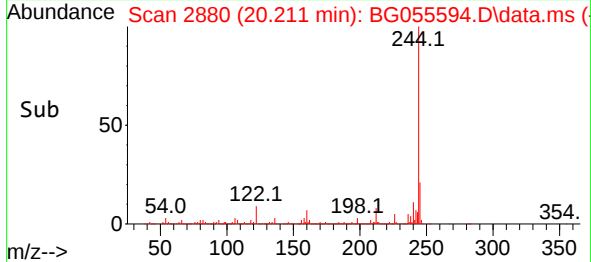
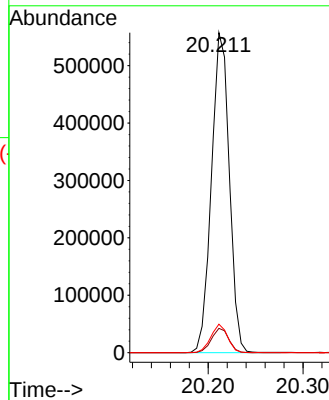
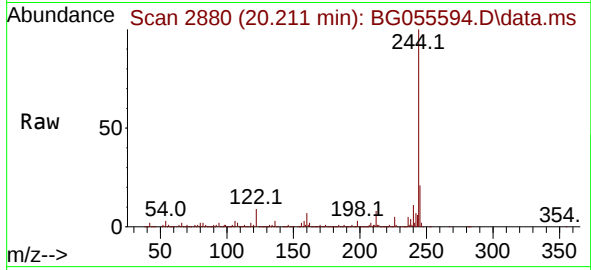




#79
 Terphenyl-d14
 Concen: 32.318 ng
 RT: 20.211 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG055594.D
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Tgt Ion:244 Resp: 727848
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 8.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.346 min Scan# 3754
 Delta R.T. -0.004 min
 Lab File: BG055594.D
 Acq: 12 Nov 2022 18:01

Tgt Ion:264 Resp: 483292
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.4 29.2
 265 21.1 17.1 25.7

