

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112322\
 Data File : BG055764.D
 Acq On : 23 Nov 2022 20:58
 Operator : CG/JU
 Sample : N5641-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOIL-PILE-5

Quant Time: Nov 24 06:09:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 24 06:05:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	27425	20.000	ng	0.00
21) Naphthalene-d8	11.067	136	122381	20.000	ng	0.00
39) Acenaphthene-d10	14.857	164	98722	20.000	ng	0.00
64) Phenanthrene-d10	17.601	188	248358	20.000	ng	0.00
76) Chrysene-d12	21.890	240	235564	20.000	ng	-0.01
86) Perylene-d12	25.292	264	252332	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.768	112	166753	109.903	ng	0.00
7) Phenol-d6	7.383	99	233280	115.500	ng	0.00
23) Nitrobenzene-d5	9.405	82	141178	60.973	ng	0.00
42) 2,4,6-Tribromophenol	16.343	330	145855	104.922	ng	0.00
45) 2-Fluorobiphenyl	13.482	172	400362	60.756	ng	0.00
79) Terphenyl-d14	20.186	244	744488	63.213	ng	0.00

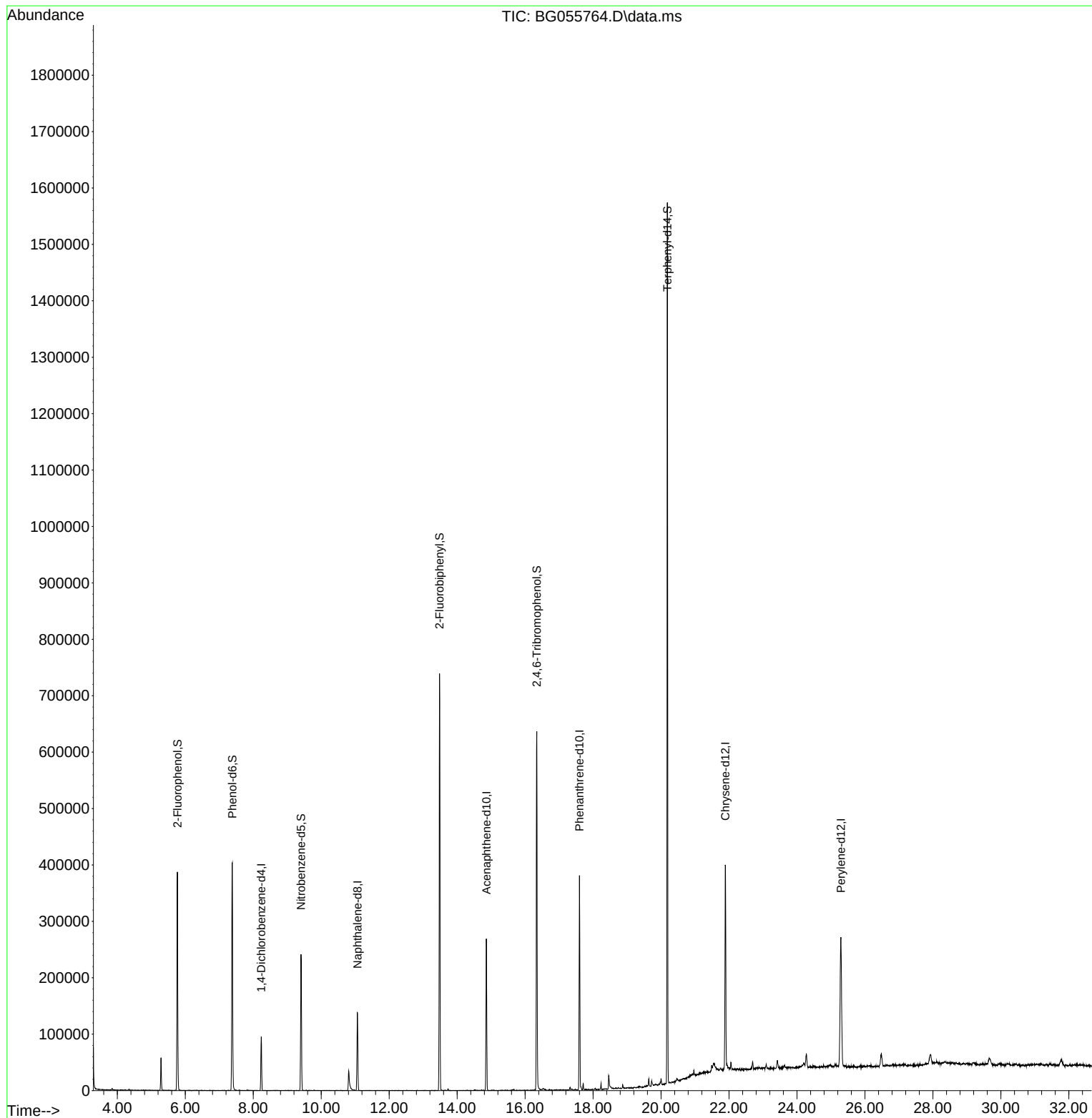
Target Compounds Qvalue

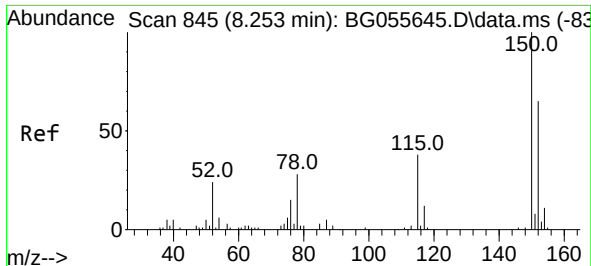
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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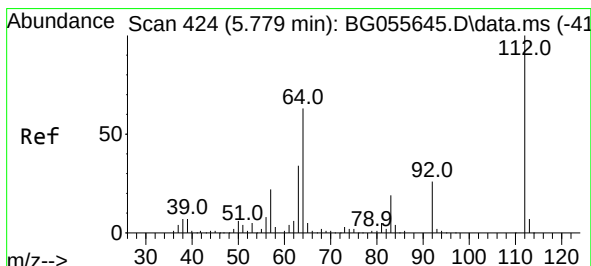
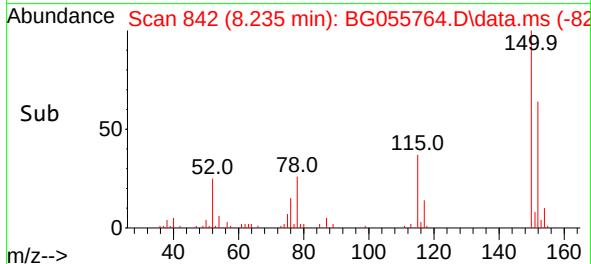
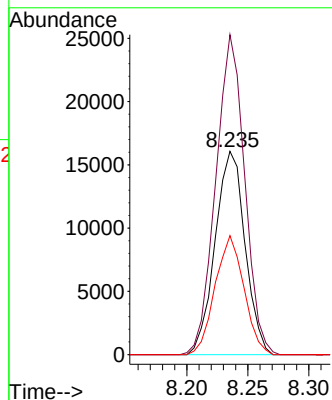
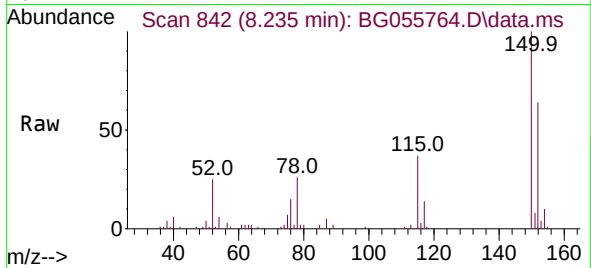




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

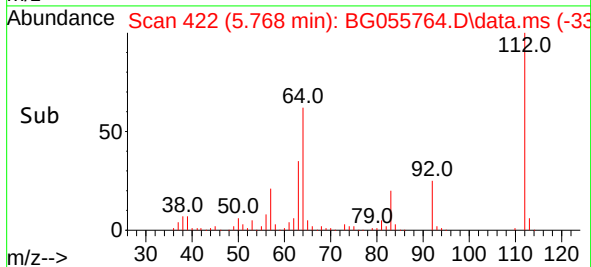
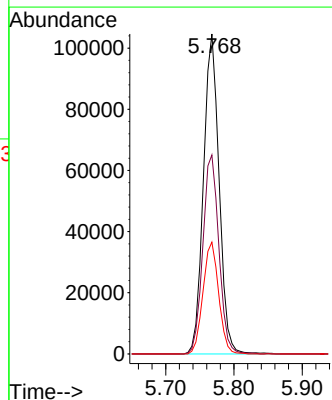
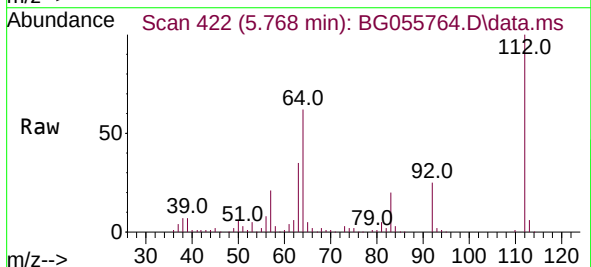
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

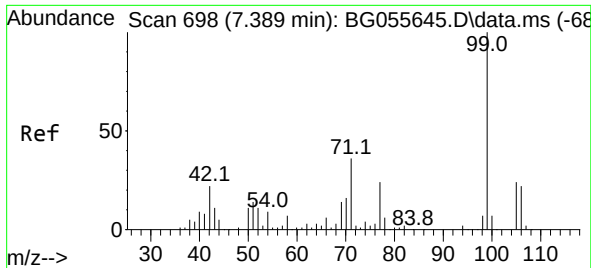
Tgt Ion:152 Resp: 27425
Ion Ratio Lower Upper
152 100
150 157.5 123.0 184.6
115 58.5 47.0 70.4



#5
2-Fluorophenol
Concen: 109.903 ng
RT: 5.768 min Scan# 422
Delta R.T. -0.000 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion:112 Resp: 166753
Ion Ratio Lower Upper
112 100
64 62.2 50.6 76.0
63 34.9 27.5 41.3

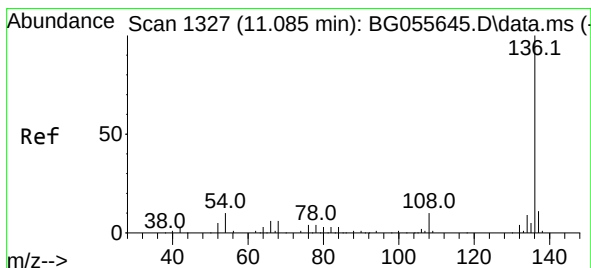
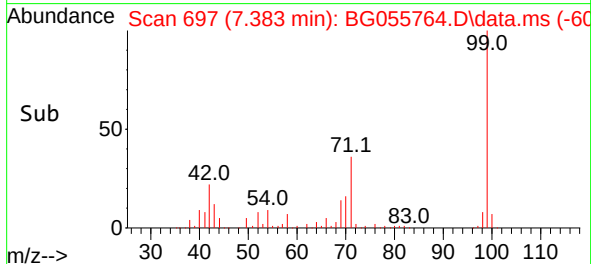
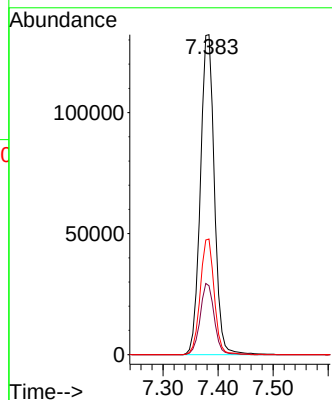
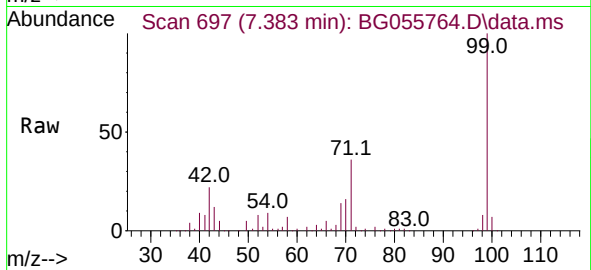




#7
Phenol-d6
Concen: 115.500 ng
RT: 7.383 min Scan# 69
Delta R.T. -0.000 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

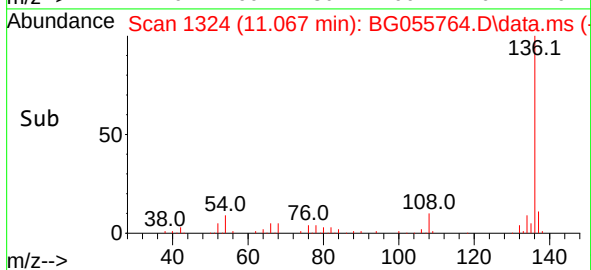
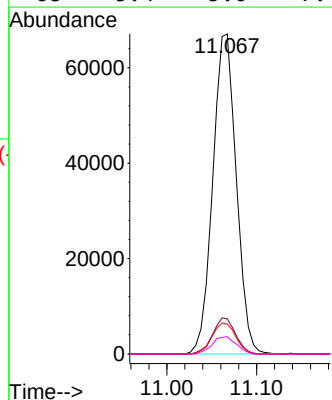
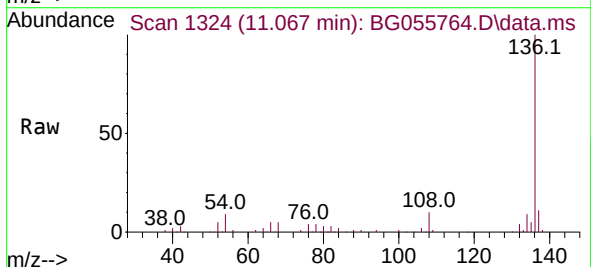
Instrument :
BNA_G
ClientSampleId :
SOIL-PILE-5

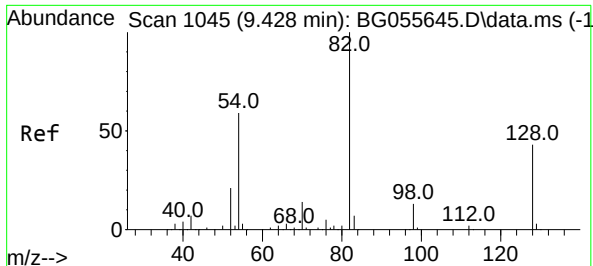
Tgt Ion: 99 Resp: 233280
Ion Ratio Lower Upper
99 100
42 21.5 18.0 27.0
71 36.1 29.0 43.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.067 min Scan# 1324
Delta R.T. -0.000 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion:136 Resp: 122381
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 9.4 7.8 11.6
68 5.4 5.0 7.4





#23

Nitrobenzene-d5

Concen: 60.973 ng

RT: 9.405 min Scan# 1041

Delta R.T. -0.006 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

Instrument :

BNA_G

ClientSampleId :

SOIL-PILE-5

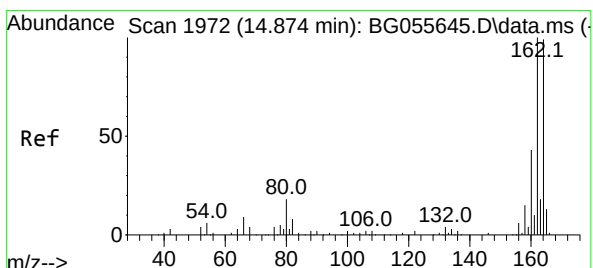
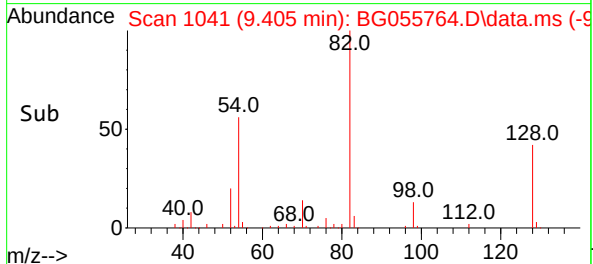
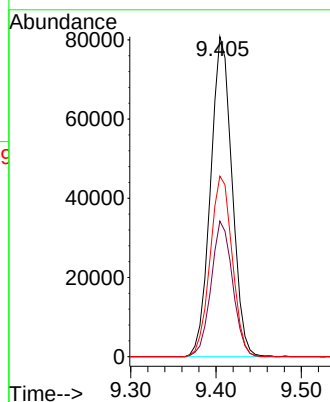
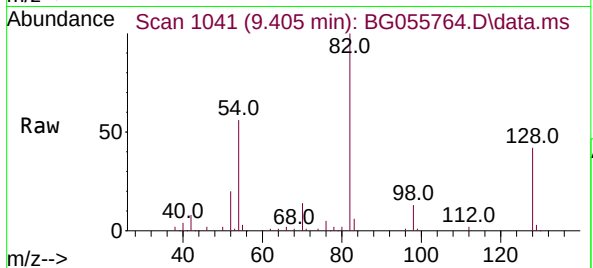
Tgt Ion: 82 Resp: 141178

Ion Ratio Lower Upper

82 100

128 42.3 34.1 51.1

54 56.4 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.857 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BG055764.D

Acq: 23 Nov 2022 20:58

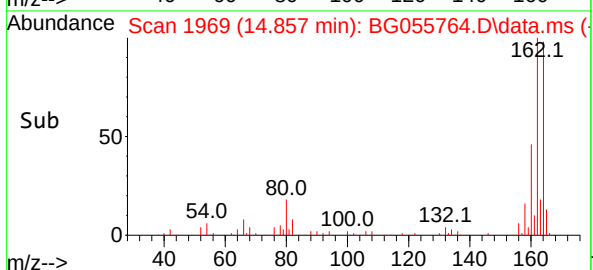
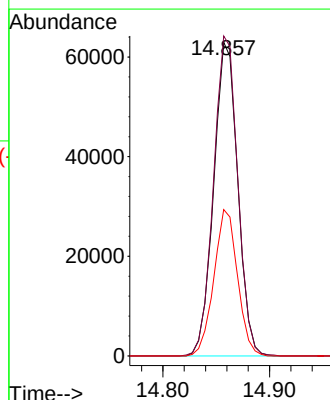
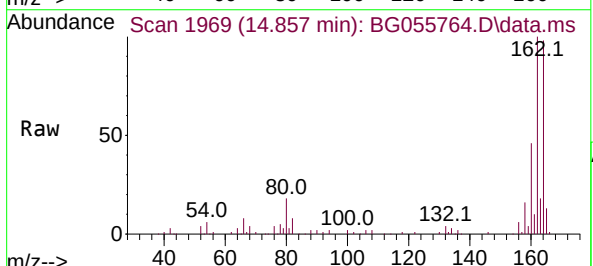
Tgt Ion:164 Resp: 98722

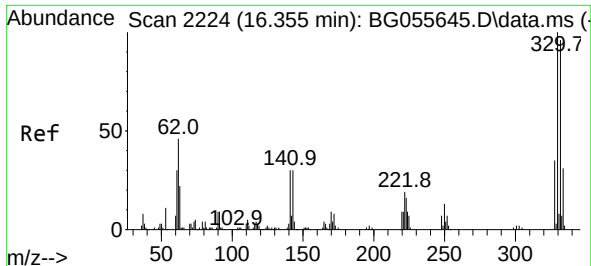
Ion Ratio Lower Upper

164 100

162 102.0 81.1 121.7

160 46.6 34.8 52.2

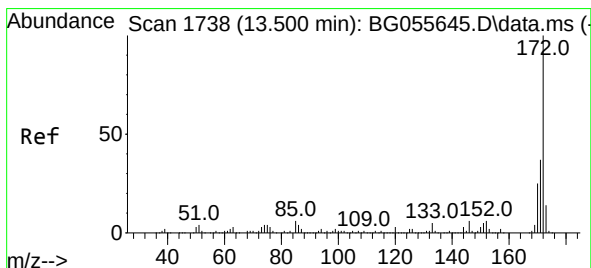
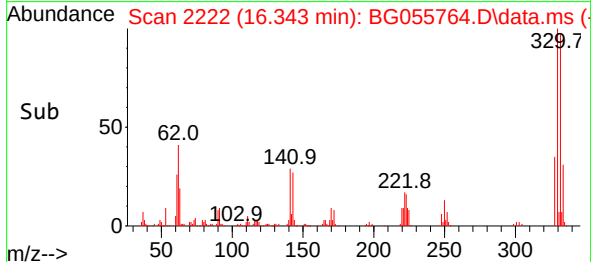
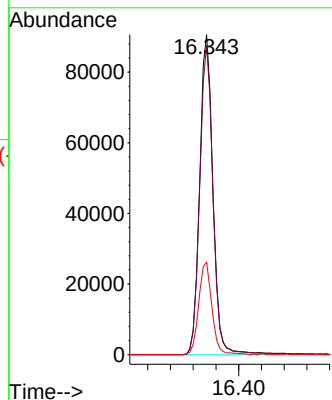
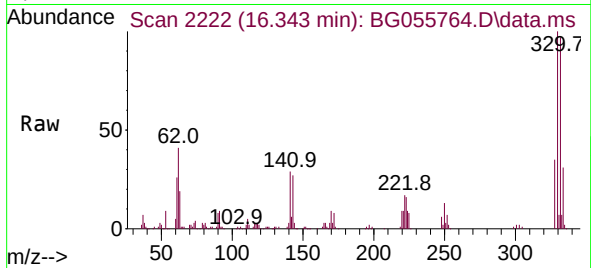




#42
 2,4,6-Tribromophenol
 Concen: 104.922 ng
 RT: 16.343 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055764.D
 Acq: 23 Nov 2022 20:58

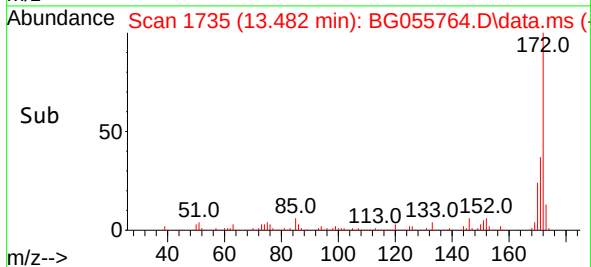
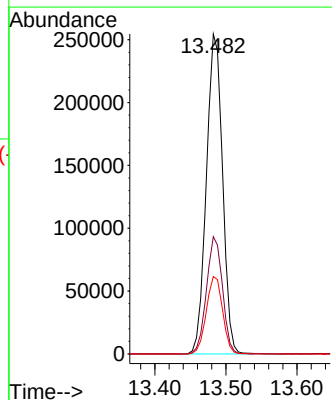
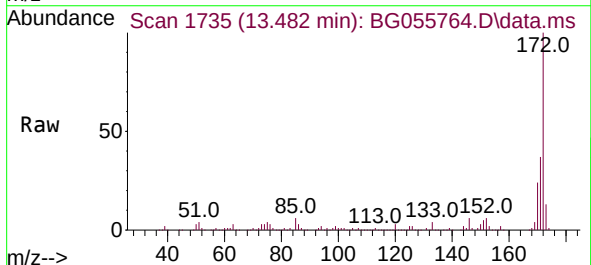
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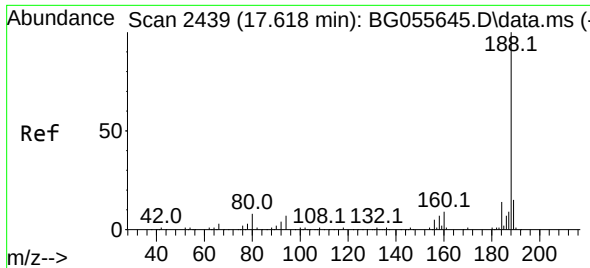
Tgt Ion:330 Resp: 145855
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.8 116.8
 141 28.8 23.9 35.9



#45
 2-Fluorobiphenyl
 Concen: 60.756 ng
 RT: 13.482 min Scan# 1735
 Delta R.T. -0.006 min
 Lab File: BG055764.D
 Acq: 23 Nov 2022 20:58

Tgt Ion:172 Resp: 400362
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.8 44.6
 170 24.2 20.2 30.4

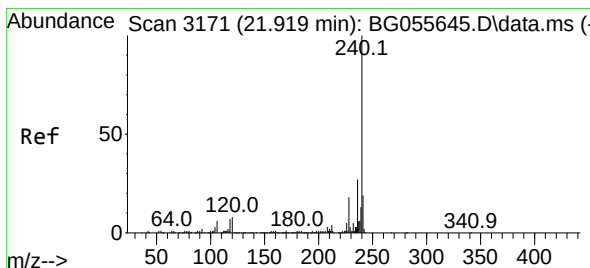
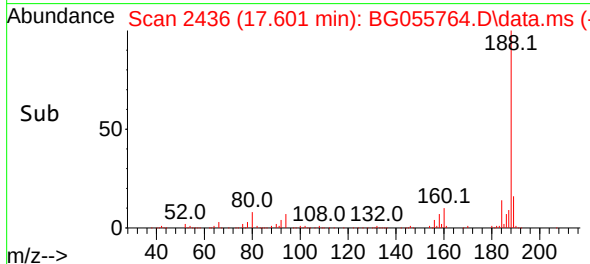
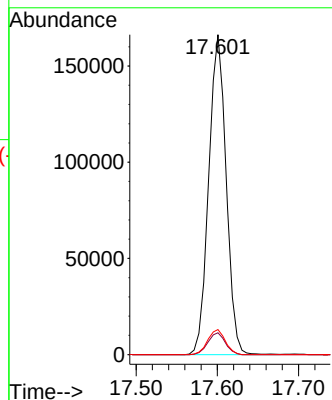
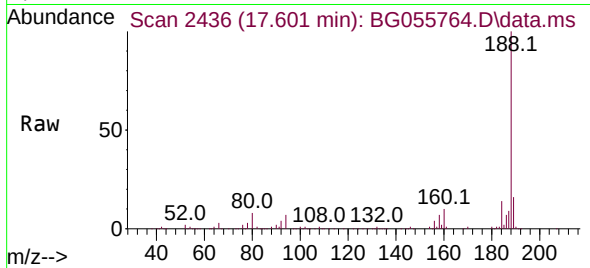




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.601 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

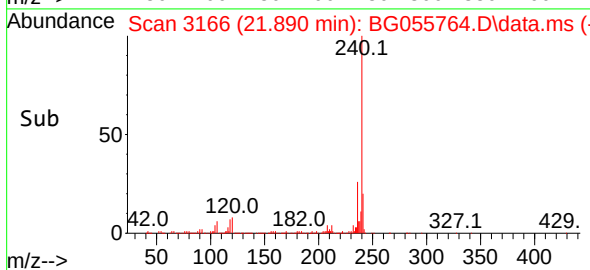
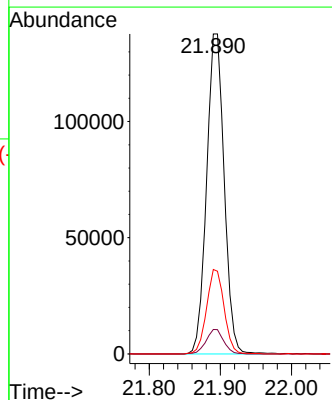
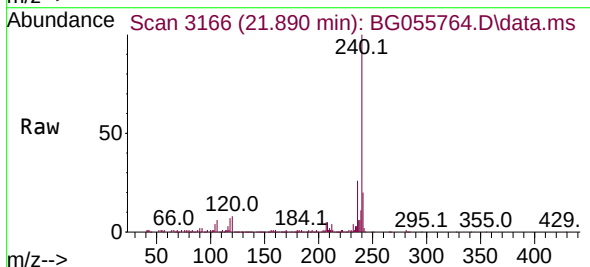
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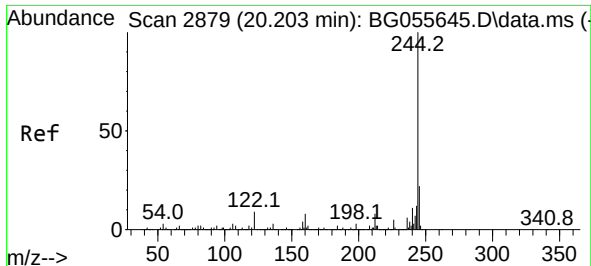
Tgt Ion:188 Resp: 248358
Ion Ratio Lower Upper
188 100
94 6.8 5.4 8.2
80 7.8 6.6 10.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.890 min Scan# 3166
Delta R.T. -0.012 min
Lab File: BG055764.D
Acq: 23 Nov 2022 20:58

Tgt Ion:240 Resp: 235564
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.4 21.9 32.9

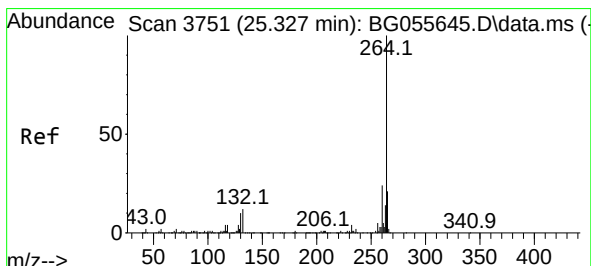
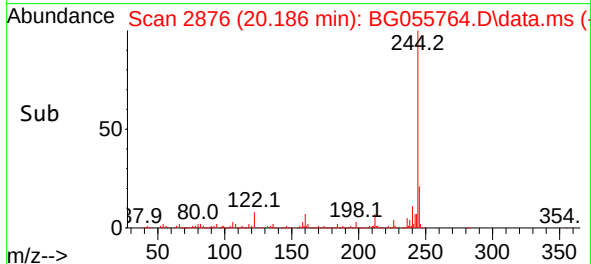
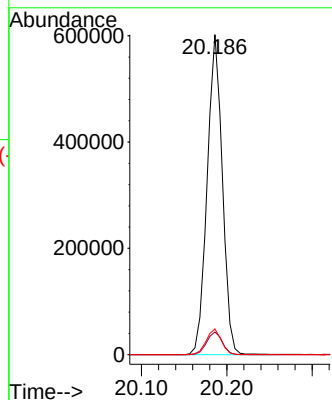
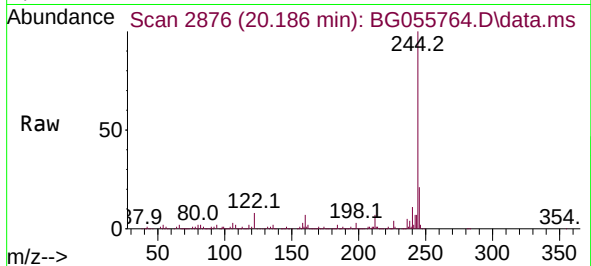




#79
 Terphenyl-d14
 Concen: 63.213 ng
 RT: 20.186 min Scan# 2879
 Delta R.T. -0.006 min
 Lab File: BG055764.D
 Acq: 23 Nov 2022 20:58

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 744488
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.3 9.5
 122 8.0 6.9 10.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.292 min Scan# 3745
 Delta R.T. -0.012 min
 Lab File: BG055764.D
 Acq: 23 Nov 2022 20:58

Tgt Ion:264 Resp: 252332
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 20.9 17.1 25.7

