

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102022\
 Data File : BG055222.D
 Acq On : 20 Oct 2022 16:28
 Operator : CG/JU
 Sample : N5183-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PIT-14-EXCAVATION-SOIL

Quant Time: Oct 20 18:25:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG101922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 20 09:21:42 2022
 Response via : Initial Calibration

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

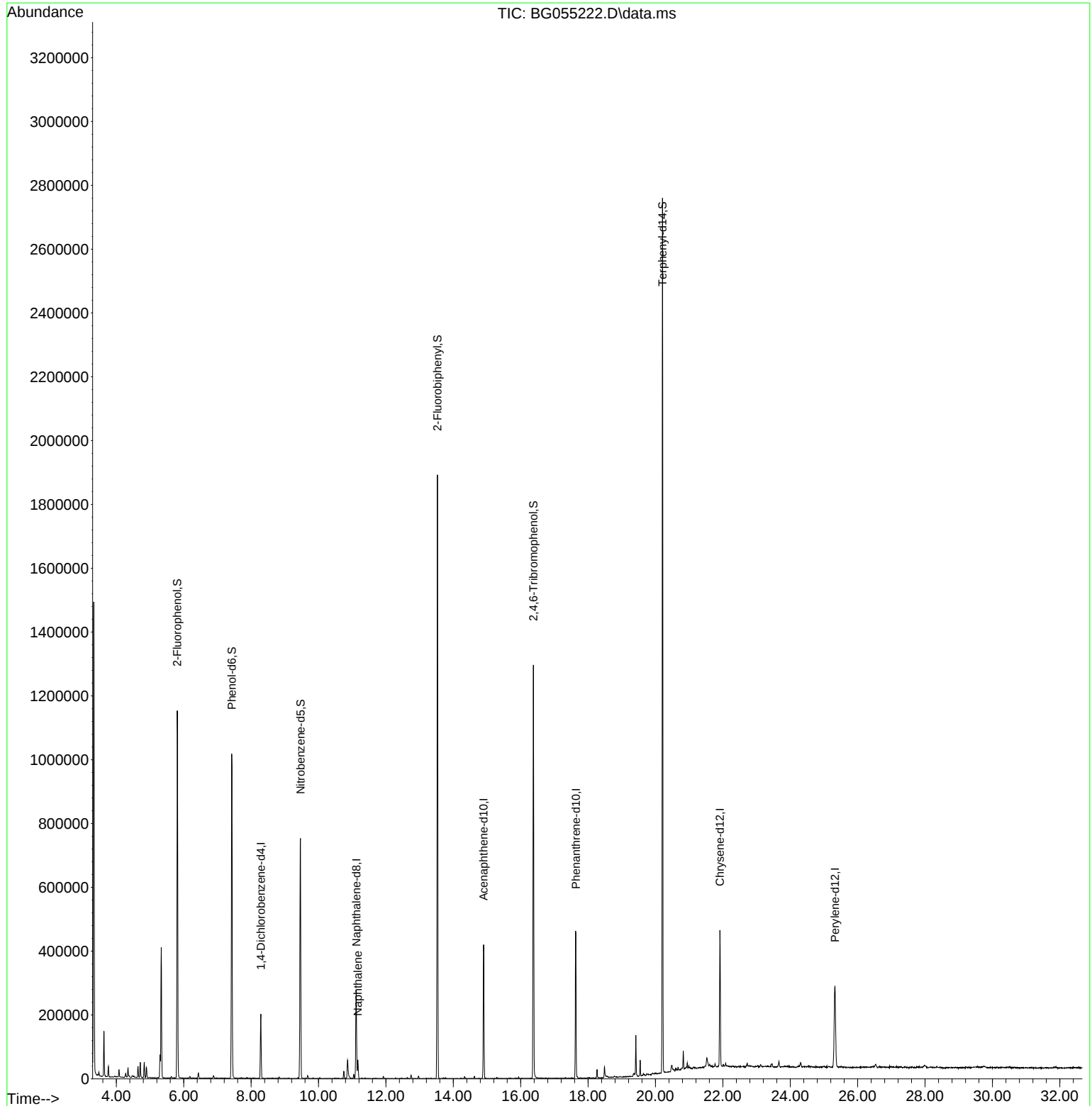
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.287	152	54001	20.000	ng	0.00
21) Naphthalene-d8	11.119	136	235264	20.000	ng	0.00
39) Acenaphthene-d10	14.897	164	141969	20.000	ng	0.00
64) Phenanthrene-d10	17.635	188	279255	20.000	ng	0.00
76) Chrysene-d12	21.913	240	236915	20.000	ng	0.00
86) Perylene-d12	25.326	264	251166	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.808	112	488505	162.754	ng	0.00
7) Phenol-d6	7.424	99	589598	128.913	ng	0.00
23) Nitrobenzene-d5	9.463	82	471352	96.725	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	226578	154.021	ng	0.00
45) 2-Fluorobiphenyl	13.528	172	894249	100.613	ng	0.00
79) Terphenyl-d14	20.209	244	1200105	94.386	ng	0.00
Target Compounds						
31) Naphthalene	11.166	128	48029	3.869	ng	Qvalue 99

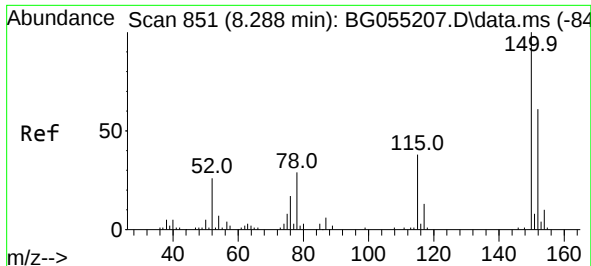
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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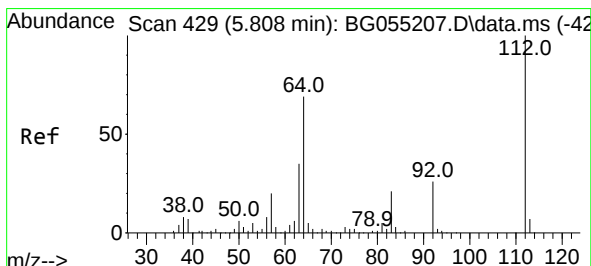
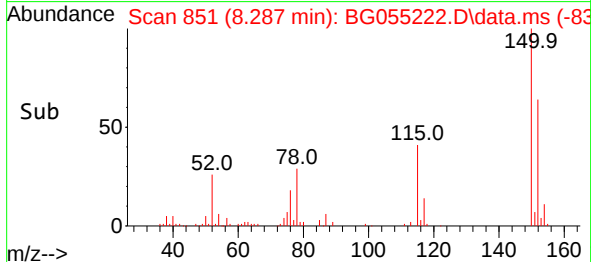
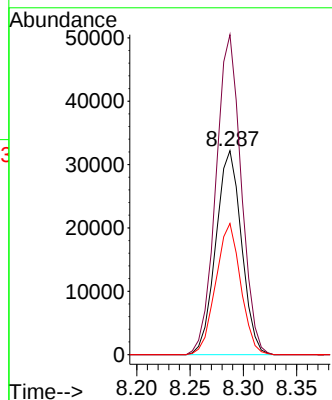
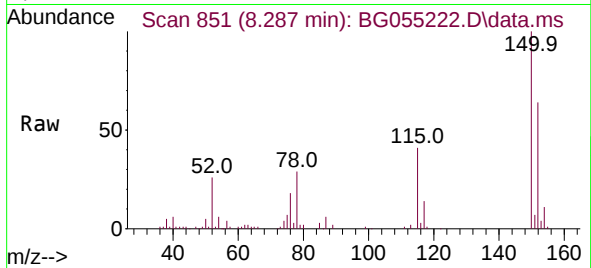




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.287 min Scan# 851
Delta R.T. -0.001 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

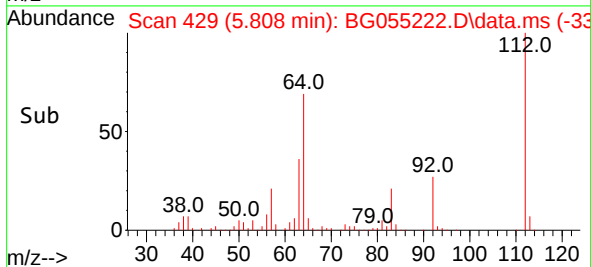
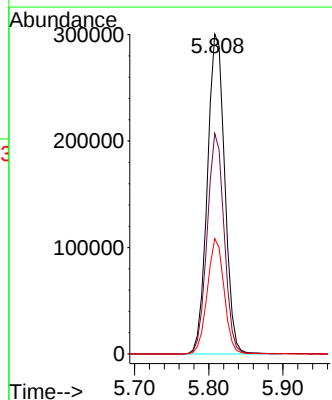
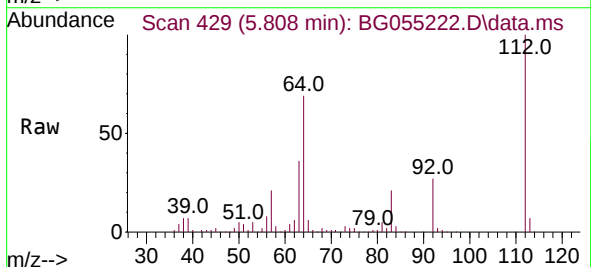
Instrument :
BNA_G
ClientSampleId :
PIT-14-EXCAVATION-SOIL

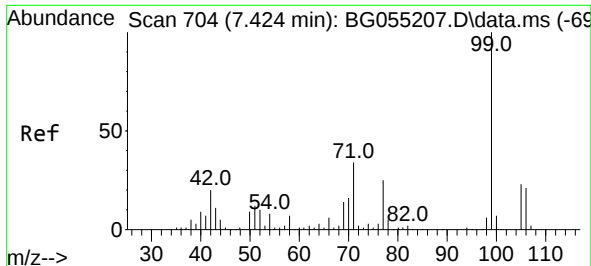
Tgt Ion:152 Resp: 54001
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 64.3 50.0 75.0



#5
2-Fluorophenol
Concen: 162.754 ng
RT: 5.808 min Scan# 429
Delta R.T. -0.000 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

Tgt Ion:112 Resp: 488505
Ion Ratio Lower Upper
112 100
64 68.9 55.1 82.7
63 36.0 27.8 41.6

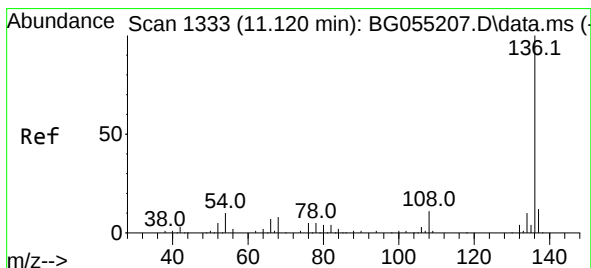
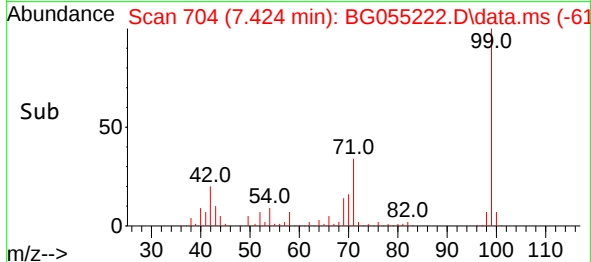
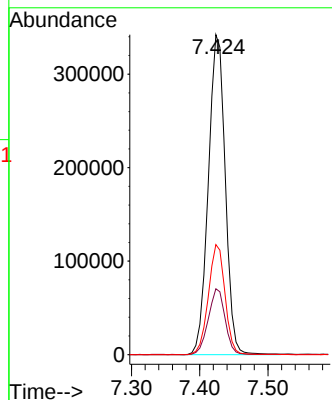
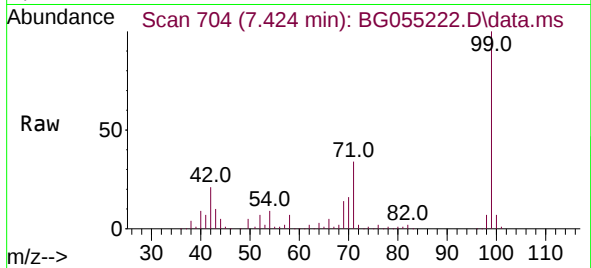




#7
Phenol-d6
Concen: 128.913 ng
RT: 7.424 min Scan# 704
Delta R.T. -0.000 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

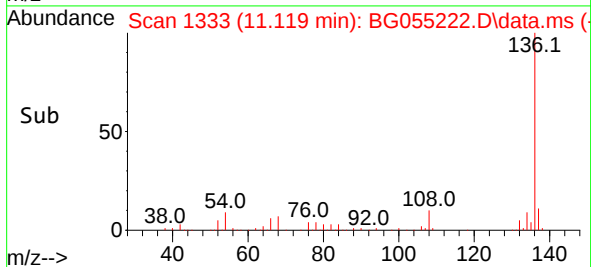
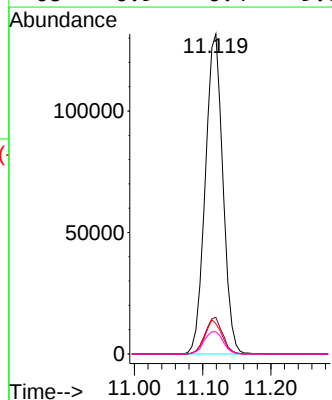
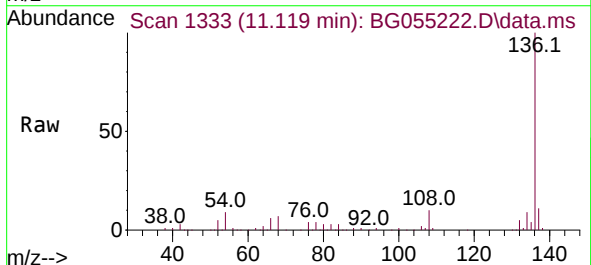
Instrument :
BNA_G
ClientSampleId :
PIT-14-EXCAVATION-SOIL

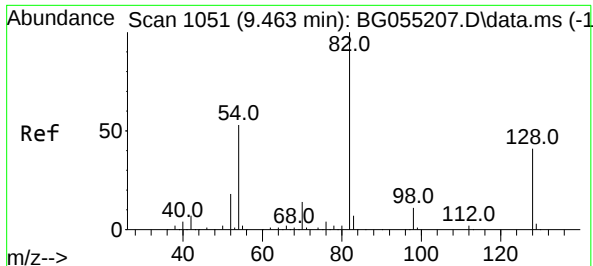
Tgt Ion: 99 Resp: 589598
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 34.4 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.119 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

Tgt Ion: 136 Resp: 235264
Ion Ratio Lower Upper
136 100
137 11.4 9.3 13.9
54 9.4 8.2 12.4
68 6.9 6.4 9.6





#23

Nitrobenzene-d5

Concen: 96.725 ng

RT: 9.463 min Scan# 1051

Delta R.T. -0.000 min

Lab File: BG055222.D

Acq: 20 Oct 2022 16:28

Instrument :

BNA_G

ClientSampleId :

PIT-14-EXCAVATION-SOIL

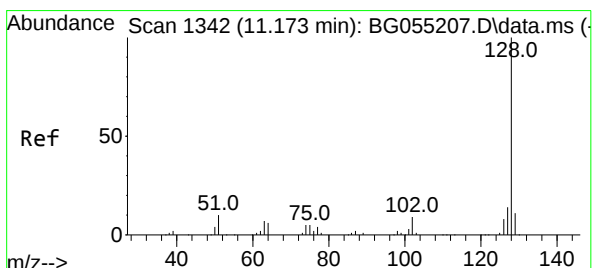
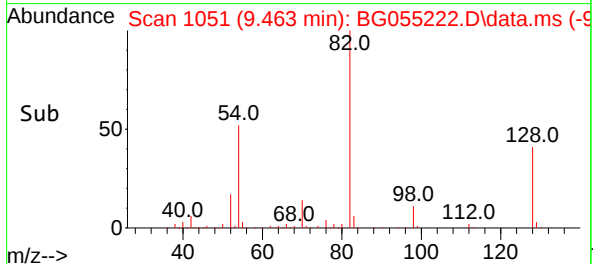
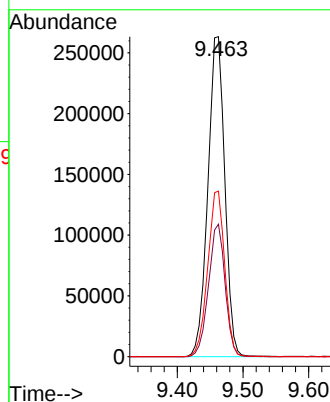
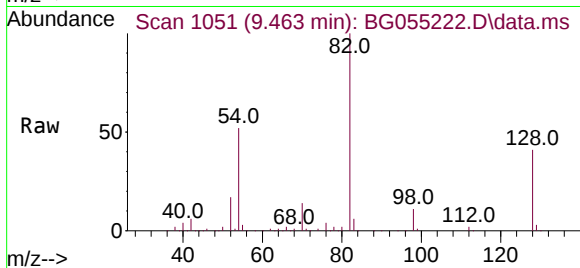
Tgt Ion: 82 Resp: 471352

Ion Ratio Lower Upper

82 100

128 41.4 32.3 48.5

54 51.7 42.6 63.8



#31

Naphthalene

Concen: 3.869 ng

RT: 11.166 min Scan# 1341

Delta R.T. -0.006 min

Lab File: BG055222.D

Acq: 20 Oct 2022 16:28

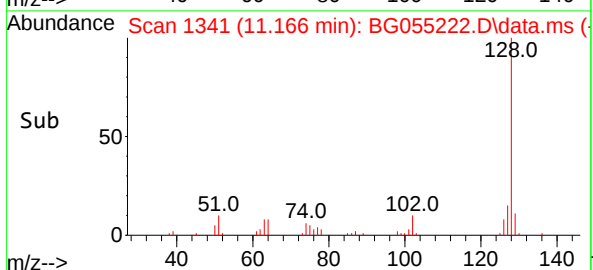
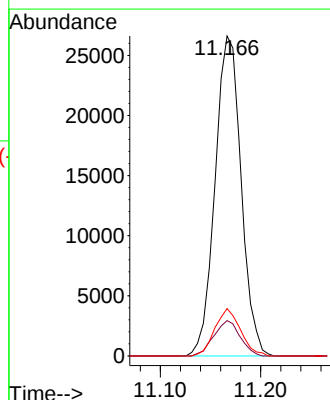
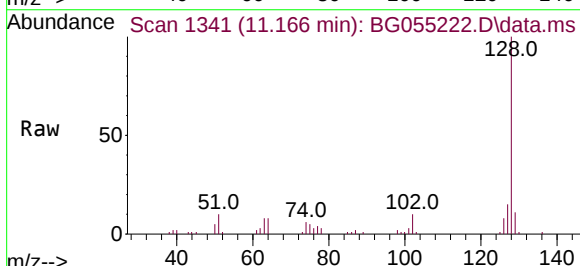
Tgt Ion: 128 Resp: 48029

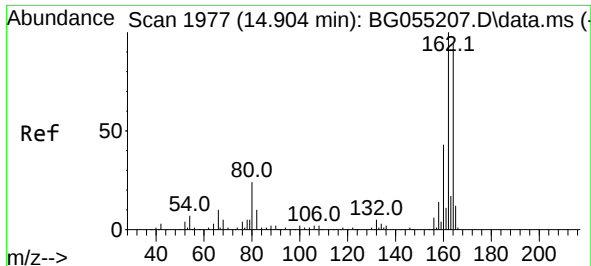
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 14.8 11.4 17.2

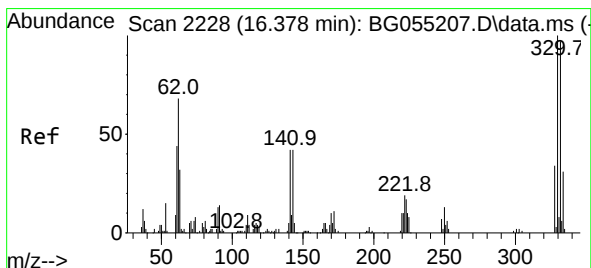
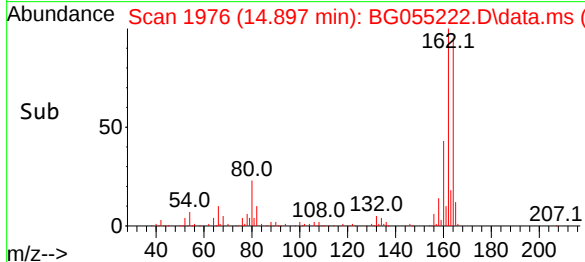
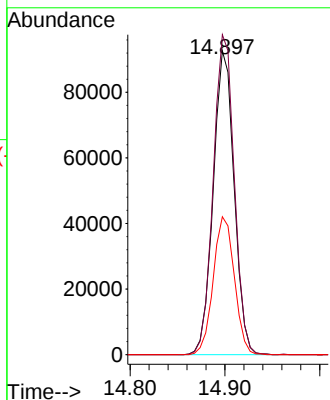
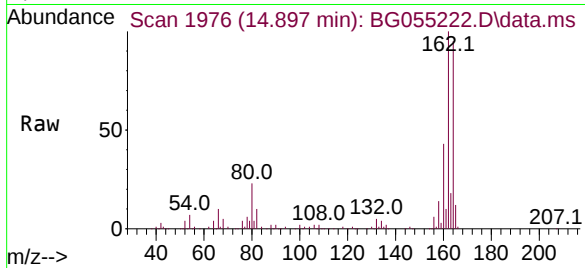




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.897 min Scan# 1976
Delta R.T. -0.007 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

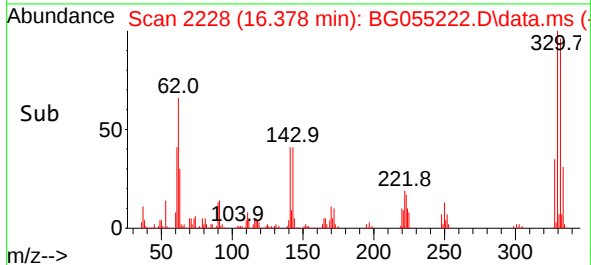
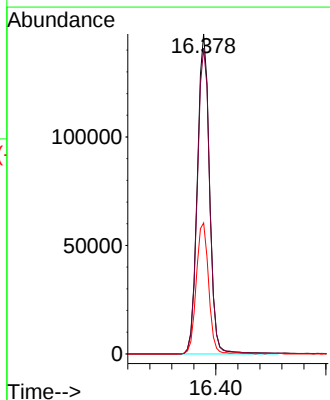
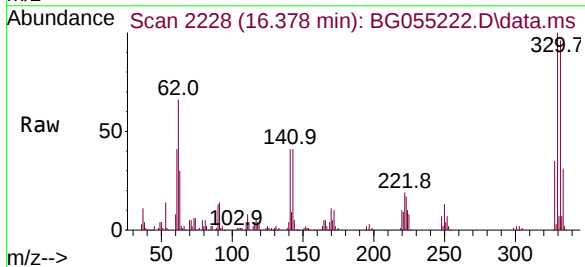
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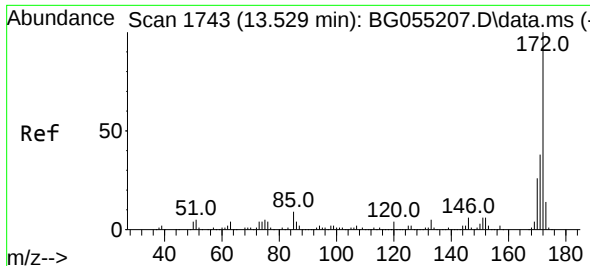
Tgt Ion:164 Resp: 141969
Ion Ratio Lower Upper
164 100
162 105.4 85.2 127.8
160 45.4 36.4 54.6



#42
2,4,6-Tribromophenol
Concen: 154.021 ng
RT: 16.378 min Scan# 2228
Delta R.T. -0.000 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

Tgt Ion:330 Resp: 226578
Ion Ratio Lower Upper
330 100
332 96.7 77.5 116.3
141 41.2 33.5 50.3

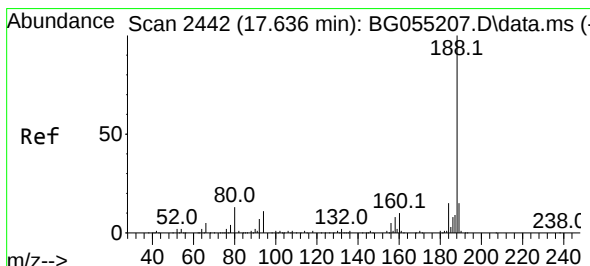
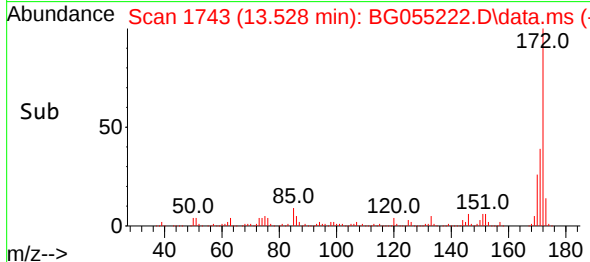
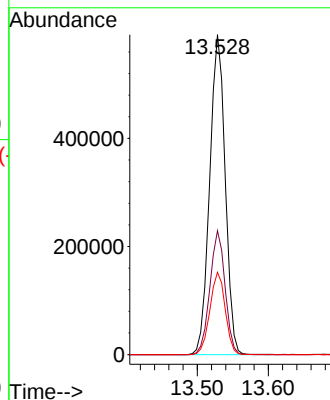
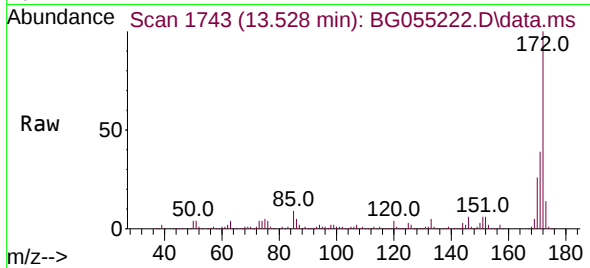




#45
2-Fluorobiphenyl
Concen: 100.613 ng
RT: 13.528 min Scan# 1743
Delta R.T. -0.001 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

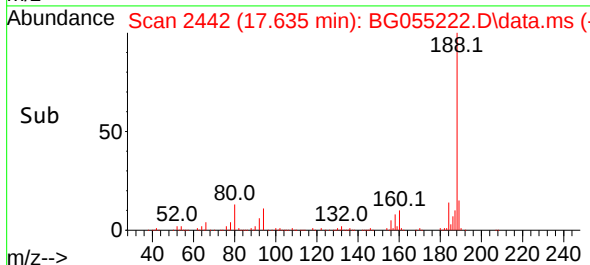
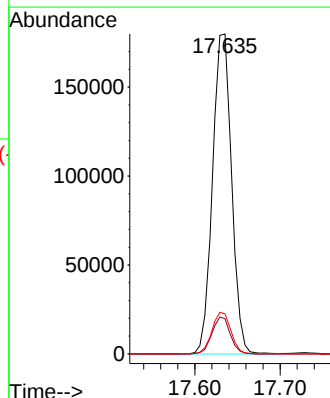
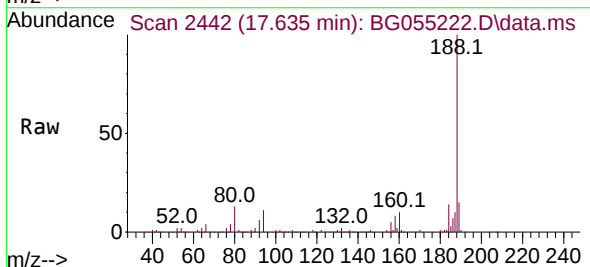
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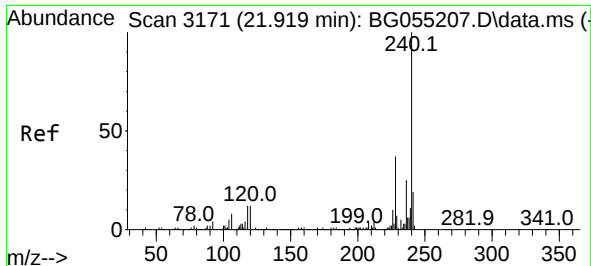
Tgt Ion:172 Resp: 894249
Ion Ratio Lower Upper
172 100
171 38.7 30.3 45.5
170 25.7 20.6 30.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.635 min Scan# 2442
Delta R.T. -0.000 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

Tgt Ion:188 Resp: 279255
Ion Ratio Lower Upper
188 100
94 11.0 8.6 12.8
80 12.5 10.4 15.6

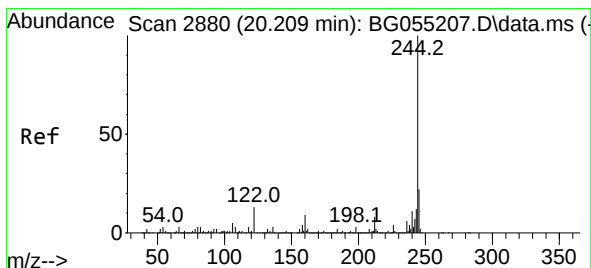
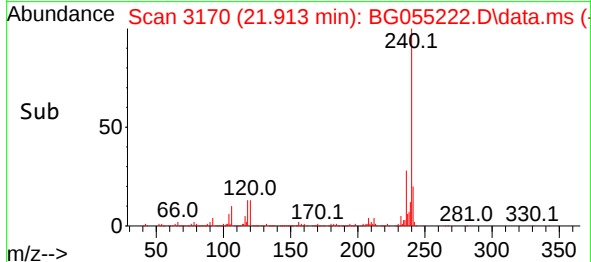
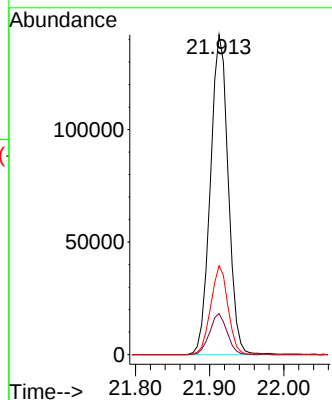
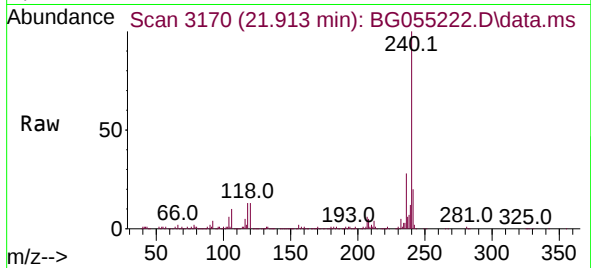




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.913 min Scan# 3170
Delta R.T. -0.006 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

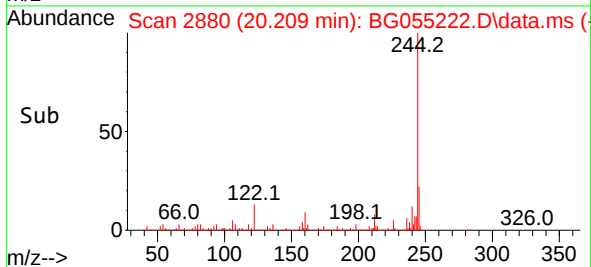
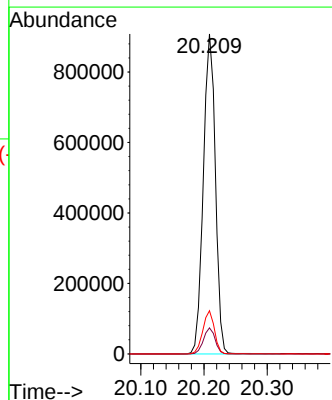
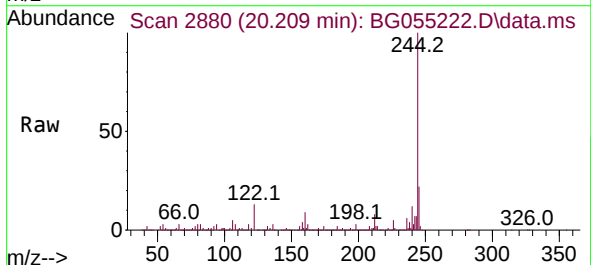
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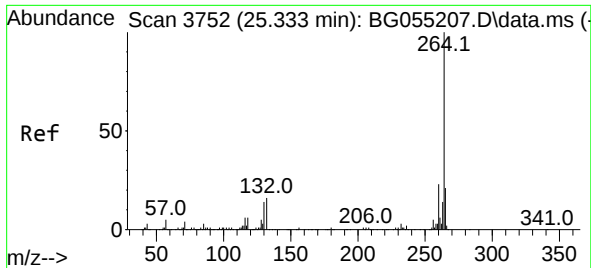
Tgt Ion:240 Resp: 236915
Ion Ratio Lower Upper
240 100
120 12.8 9.2 13.8
236 27.8 20.4 30.6



#79
Terphenyl-d14
Concen: 94.386 ng
RT: 20.209 min Scan# 2880
Delta R.T. -0.000 min
Lab File: BG055222.D
Acq: 20 Oct 2022 16:28

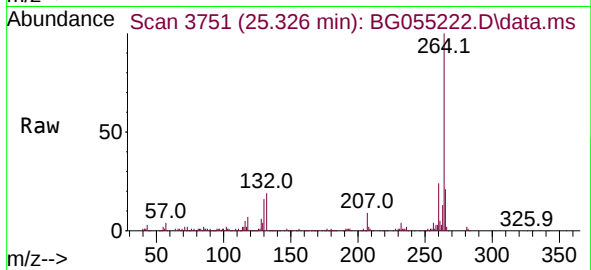
Tgt Ion:244 Resp: 1200105
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 13.5 10.0 15.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG055222.D
 Acq: 20 Oct 2022 16:28

Instrument :
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Tgt Ion:264 Resp: 251166

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.1	17.1	25.7

