

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG103122\
 Data File : BG055378.D
 Acq On : 31 Oct 2022 13:33
 Operator : CG/JU
 Sample : PB148568BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148568BL

Quant Time: Nov 01 06:48:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	24113	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	100296	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	73615	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	182792	20.000	ng	# 0.00
76) Chrysene-d12	21.884	240	196849	20.000	ng	0.00
86) Perylene-d12	25.274	264	212570	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	189252	137.426	ng	0.00
7) Phenol-d6	7.401	99	247453	124.029	ng	-0.01
23) Nitrobenzene-d5	9.434	82	144271	73.452	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	127713	159.590	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	374379	83.239	ng	-0.01
79) Terphenyl-d14	20.180	244	797269	84.150	ng	0.00

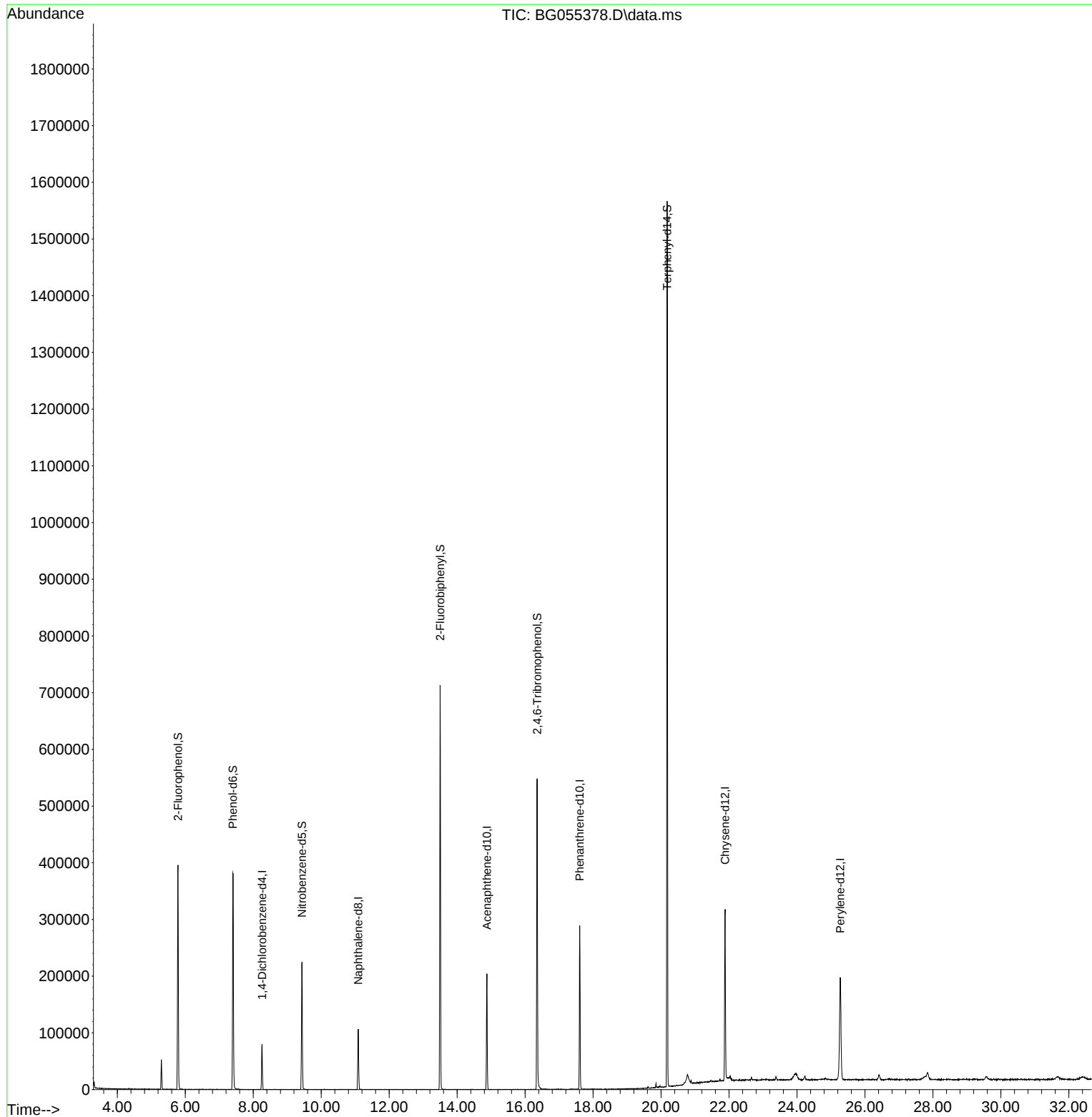
Target Compounds	Qvalue

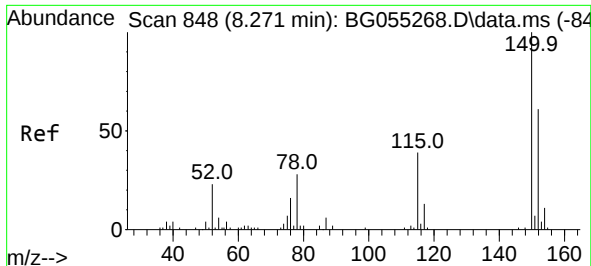
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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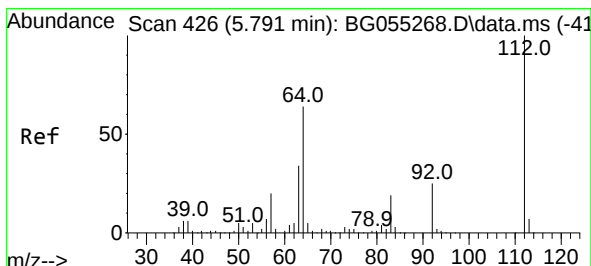
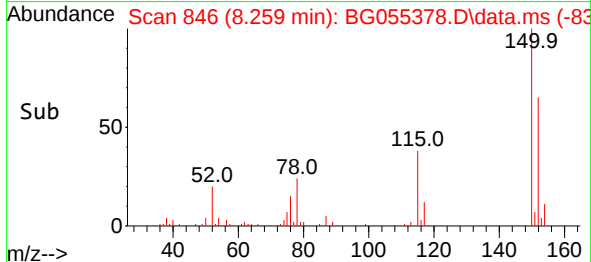
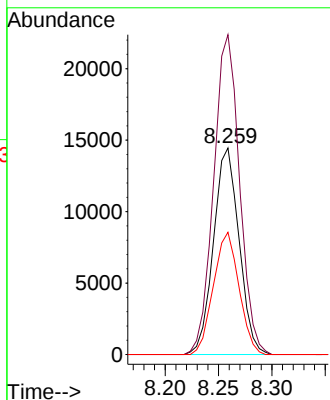
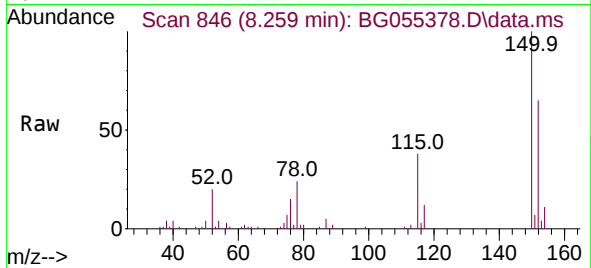




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

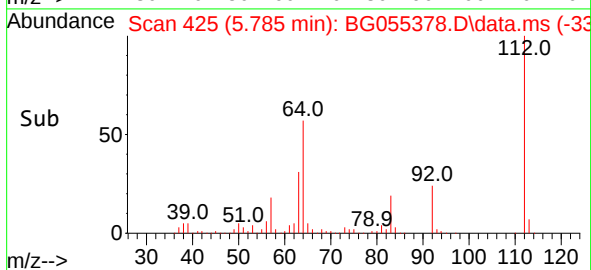
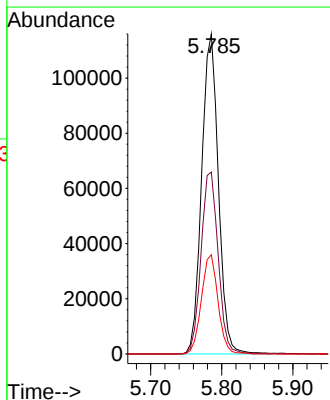
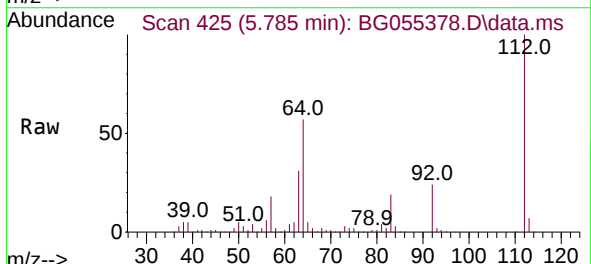
Instrument :
BNA_G
ClientSampleId :
PB148568BL

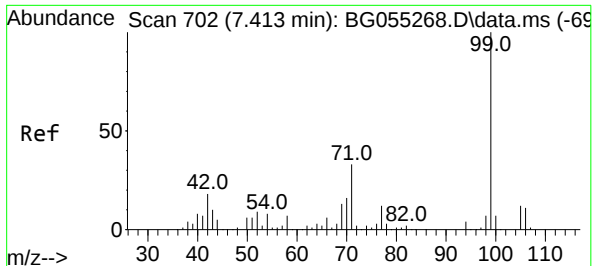
Tgt Ion:152 Resp: 24113
Ion Ratio Lower Upper
152 100
150 154.8 118.2 177.4
115 59.2 44.5 66.7



#5
2-Fluorophenol
Concen: 137.426 ng
RT: 5.785 min Scan# 425
Delta R.T. -0.000 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:112 Resp: 189252
Ion Ratio Lower Upper
112 100
64 56.8 52.6 78.8
63 31.0 27.1 40.7

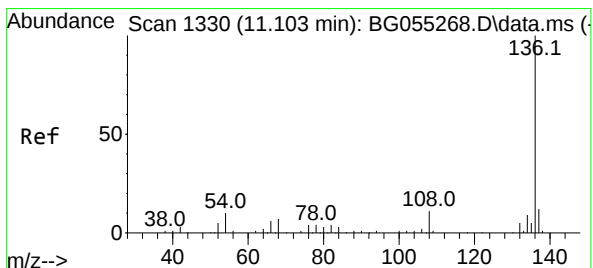
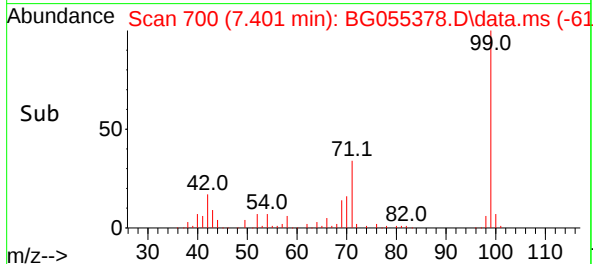
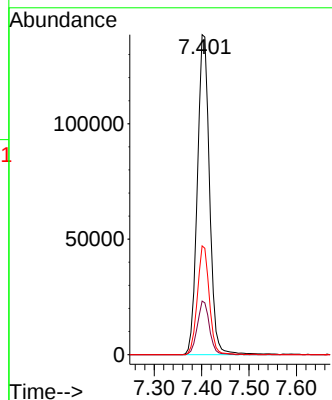
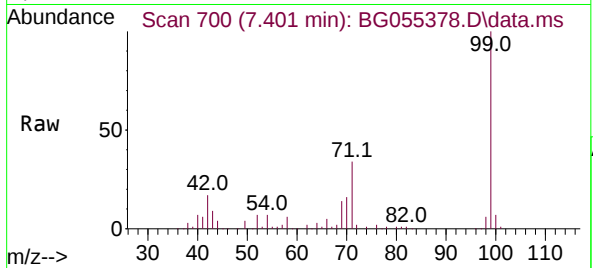




#7
Phenol-d6
Concen: 124.029 ng
RT: 7.401 min Scan# 702
Delta R.T. -0.012 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

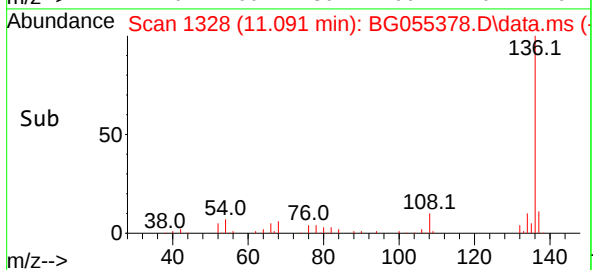
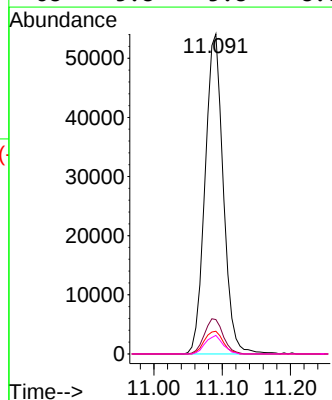
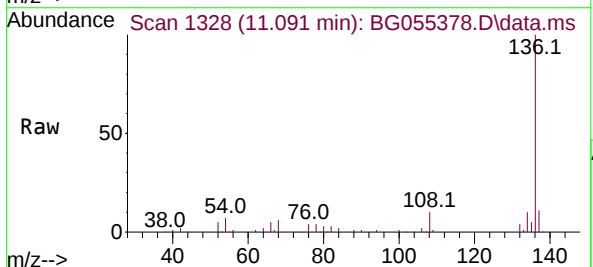
Instrument :
BNA_G
ClientSampleId :
PB148568BL

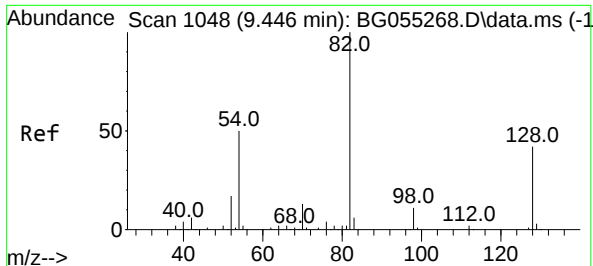
Tgt Ion: 99 Resp: 247453
Ion Ratio Lower Upper
99 100
42 16.7 15.2 22.8
71 34.0 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion: 136 Resp: 100296
Ion Ratio Lower Upper
136 100
137 10.7 9.2 13.8
54 7.1 7.8 11.8#
68 5.8 5.8 8.6





#23

Nitrobenzene-d5

Concen: 73.452 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055378.D

Acq: 31 Oct 2022 13:33

Instrument :

BNA_G

ClientSampleId :

PB148568BL

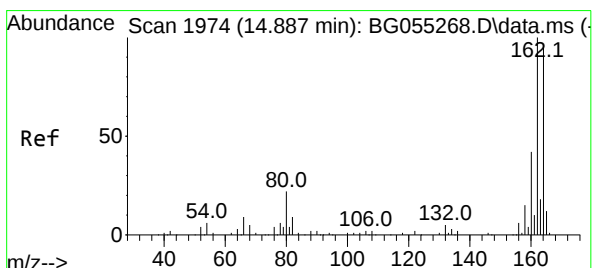
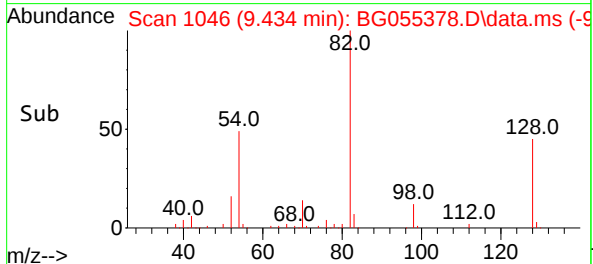
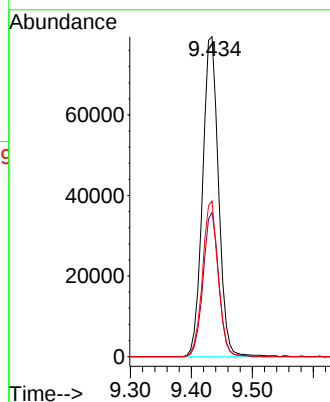
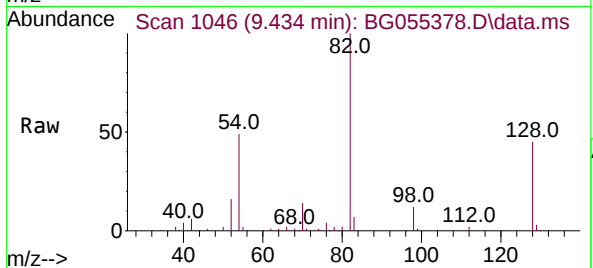
Tgt Ion: 82 Resp: 144271

Ion Ratio Lower Upper

82 100

128 45.0 32.0 48.0

54 48.6 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055378.D

Acq: 31 Oct 2022 13:33

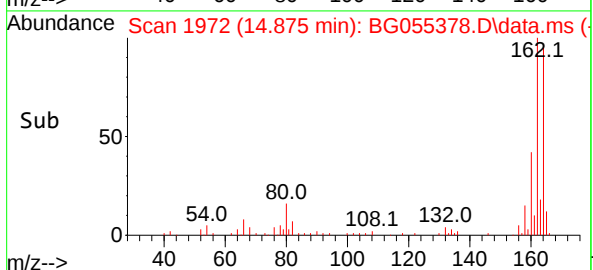
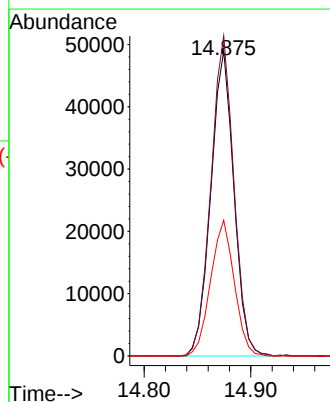
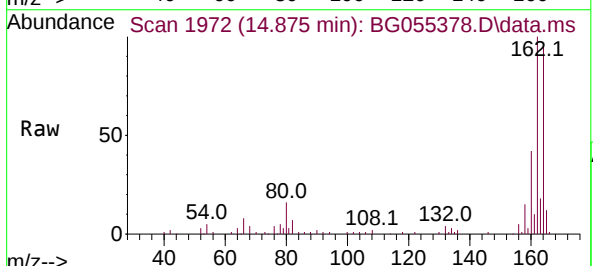
Tgt Ion:164 Resp: 73615

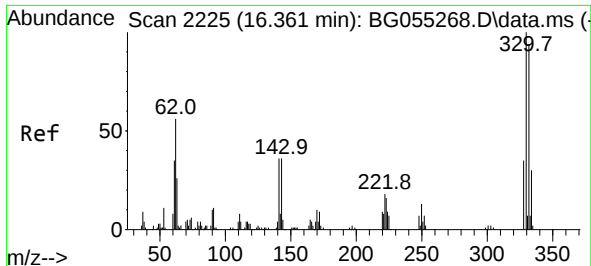
Ion Ratio Lower Upper

164 100

162 104.9 84.0 126.0

160 44.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 159.590 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG055378.D

Acq: 31 Oct 2022 13:33

Instrument :

BNA_G

ClientSampleId :

PB148568BL

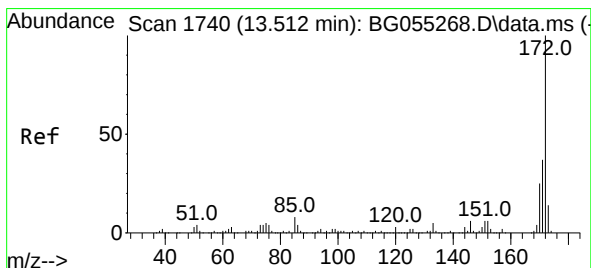
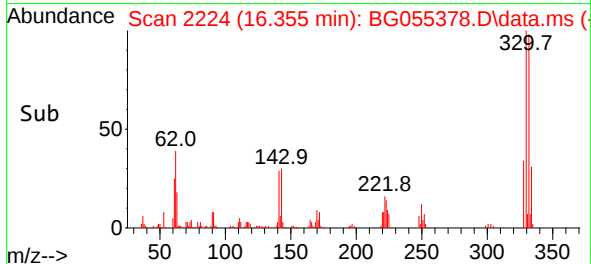
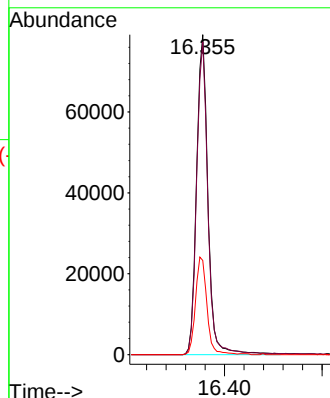
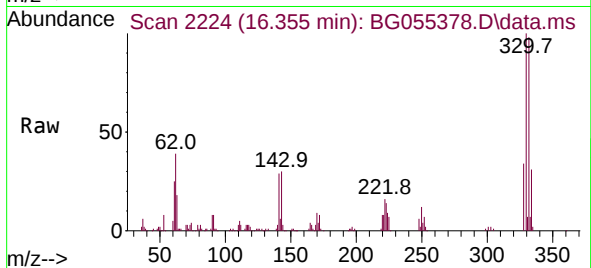
Tgt Ion:330 Resp: 127713

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.0

141 30.4 29.8 44.8



#45

2-Fluorobiphenyl

Concen: 83.239 ng

RT: 13.500 min Scan# 1738

Delta R.T. -0.012 min

Lab File: BG055378.D

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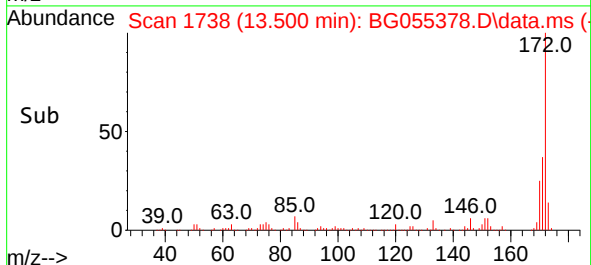
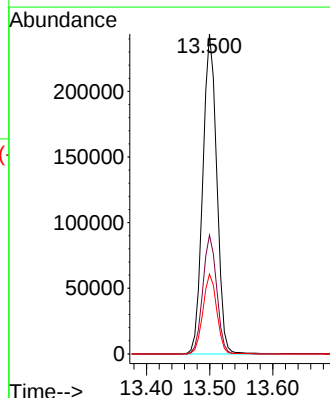
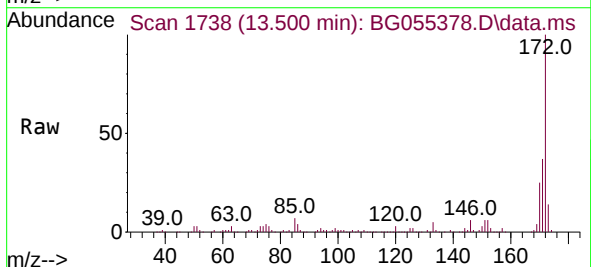
Tgt Ion:172 Resp: 374379

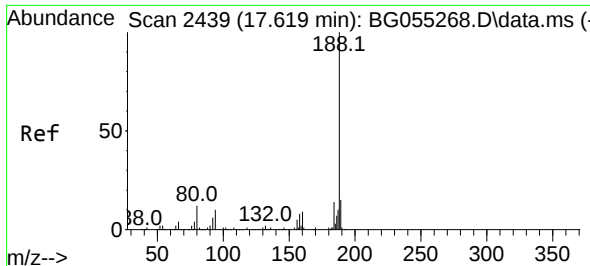
Ion Ratio Lower Upper

172 100

171 37.1 29.7 44.5

170 24.9 20.2 30.2

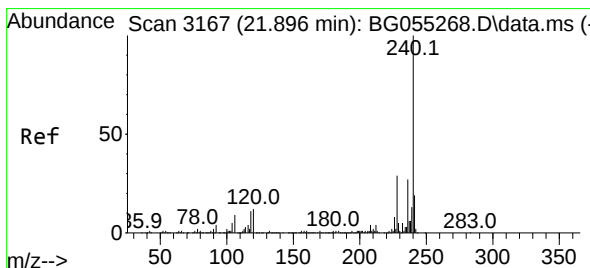
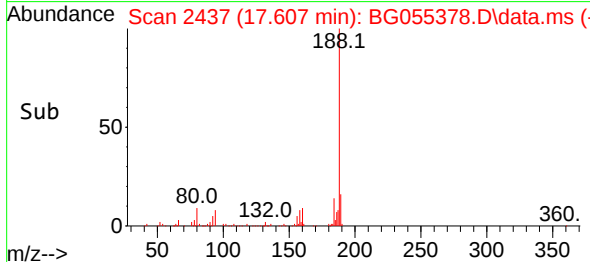
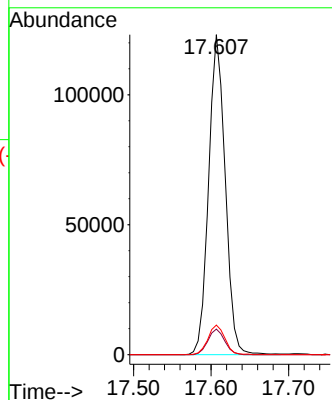
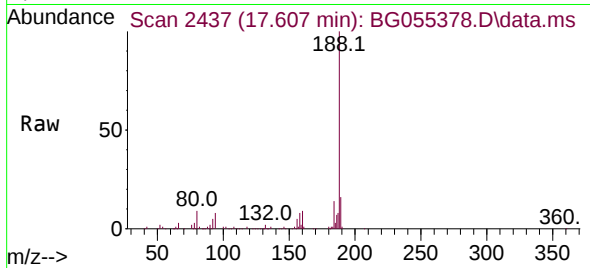




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

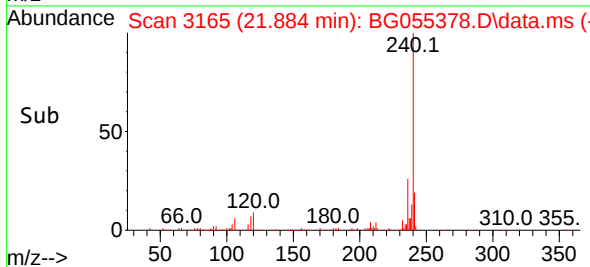
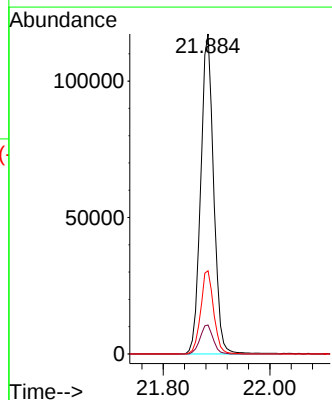
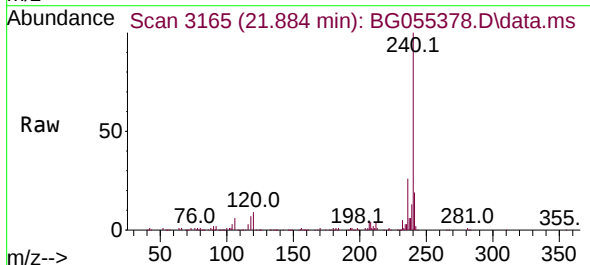
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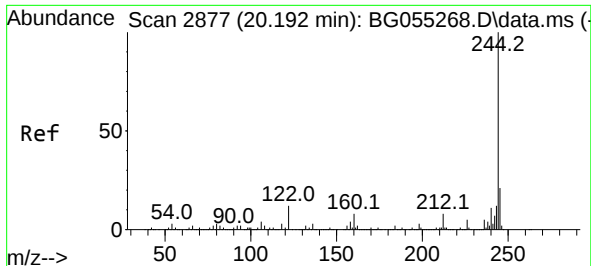
Tgt Ion:188 Resp: 182792
Ion Ratio Lower Upper
188 100
94 8.0 8.2 12.4#
80 9.2 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.884 min Scan# 3165
Delta R.T. -0.006 min
Lab File: BG055378.D
Acq: 31 Oct 2022 13:33

Tgt Ion:240 Resp: 196849
Ion Ratio Lower Upper
240 100
120 9.0 8.9 13.3
236 26.0 21.0 31.4

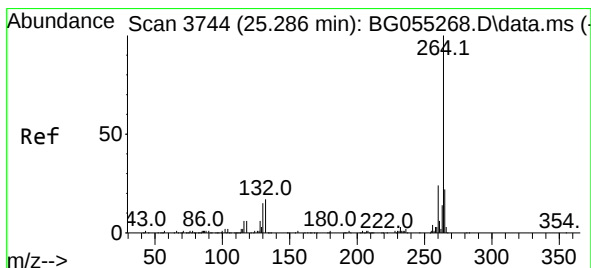
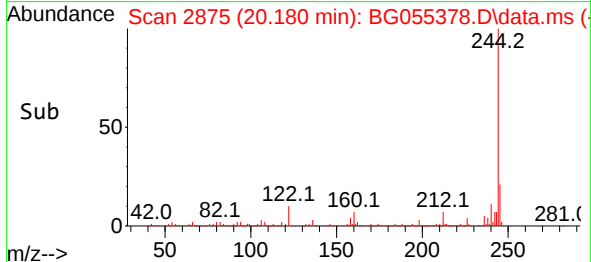
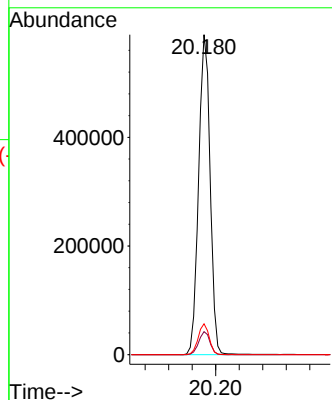
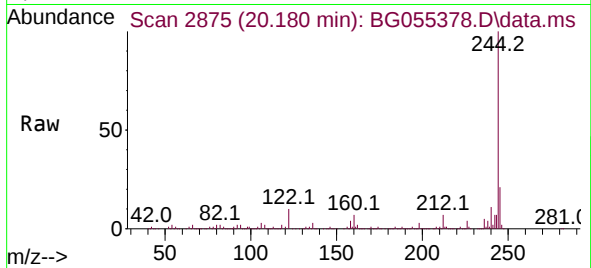




#79
 Terphenyl-d14
 Concen: 84.150 ng
 RT: 20.180 min Scan# 2875
 Delta R.T. -0.006 min
 Lab File: BG055378.D
 Acq: 31 Oct 2022 13:33

Instrument :
 BNA_G
 ClientSampleId :
 PB148568BL

Tgt Ion:244 Resp: 797269
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.0 9.0
 122 9.6 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.274 min Scan# 3742
 Delta R.T. -0.012 min
 Lab File: BG055378.D
 Acq: 31 Oct 2022 13:33

Tgt Ion:264 Resp: 212570
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 21.0 17.4 26.2

