

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051158.D
 Acq On : 20 Nov 2021 22:01
 Operator : CG/JU
 Sample : M4758-35
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP18

Quant Time: Nov 22 01:27:46 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.201	152	27289	20.000	ng	#-0.01
21) Naphthalene-d8	11.033	136	109884	20.000	ng	# 0.00
39) Acenaphthene-d10	14.834	164	70913	20.000	ng	0.00
64) Phenanthrene-d10	17.584	188	165687	20.000	ng	# 0.00
76) Chrysene-d12	21.879	240	170336	20.000	ng	# 0.00
86) Perylene-d12	25.281	264	165937	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.745	112	170987	96.859	ng	0.00
7) Phenol-d6	7.354	99	225987	90.891	ng	-0.01
23) Nitrobenzene-d5	9.382	82	162892	67.669	ng	0.00
42) 2,4,6-Tribromophenol	16.326	330	75950	100.768	ng	0.00
45) 2-Fluorobiphenyl	13.453	172	294183	62.600	ng	0.00
79) Terphenyl-d14	20.175	244	498332	53.483	ng	0.00

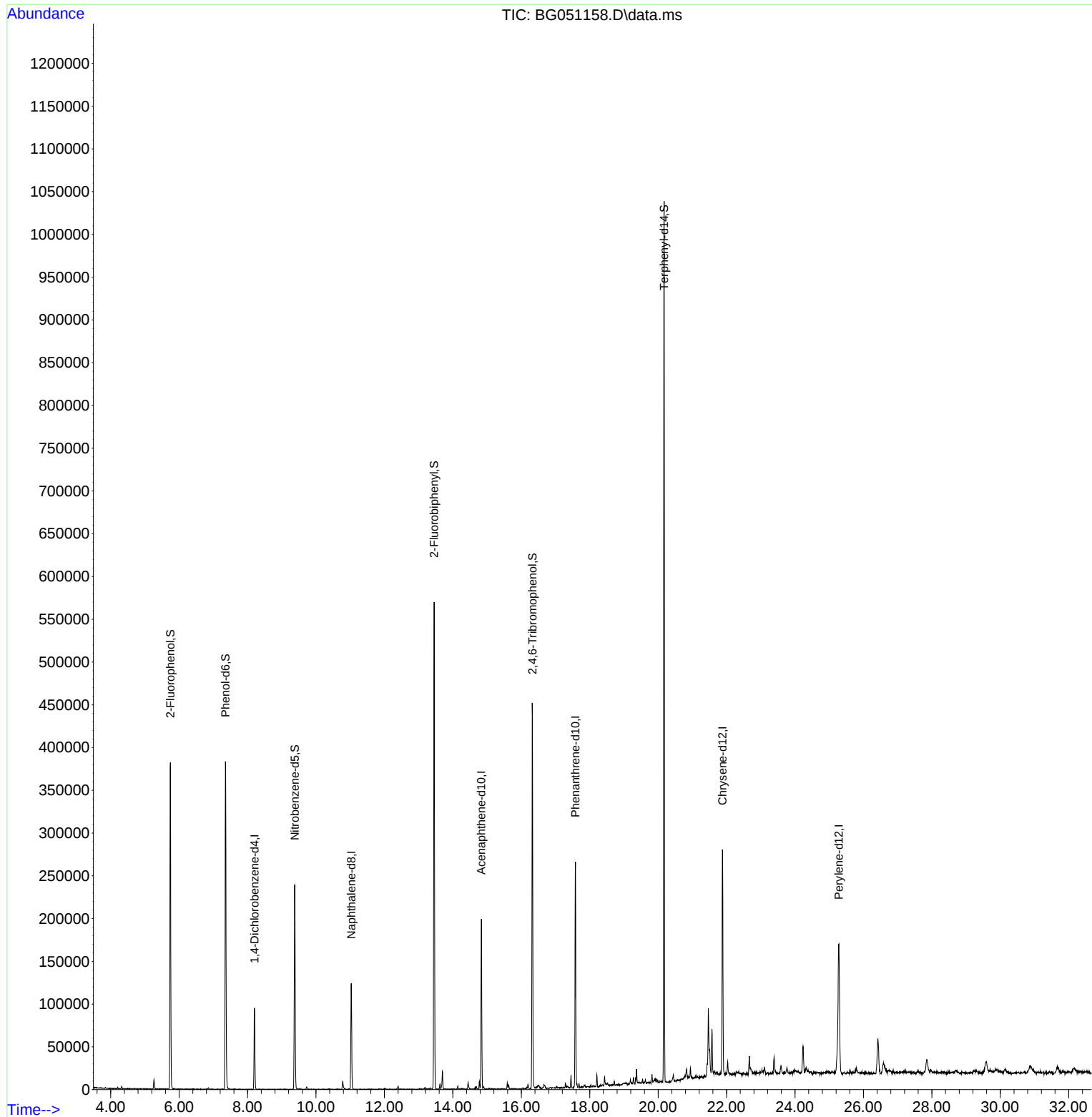
Target Compounds	Qvalue

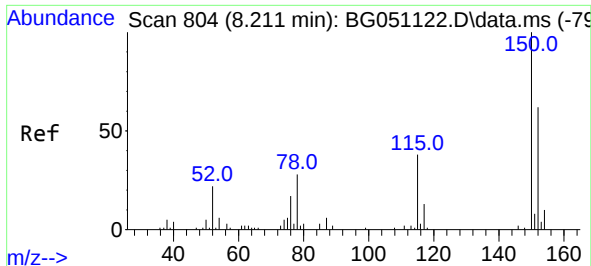
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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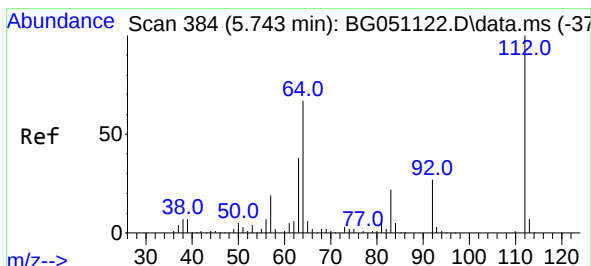
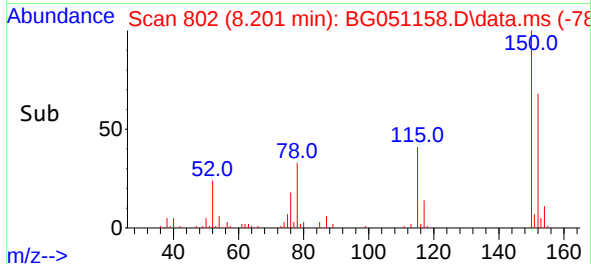
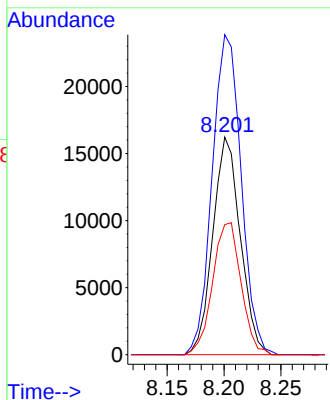
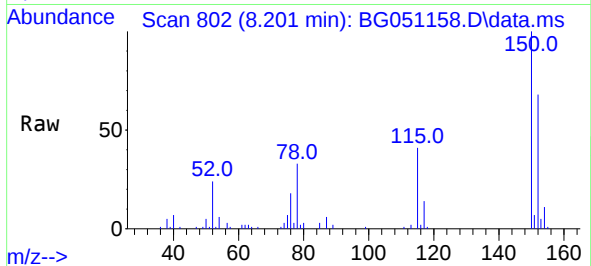




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.201 min Scan# 804
Delta R.T. -0.010 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

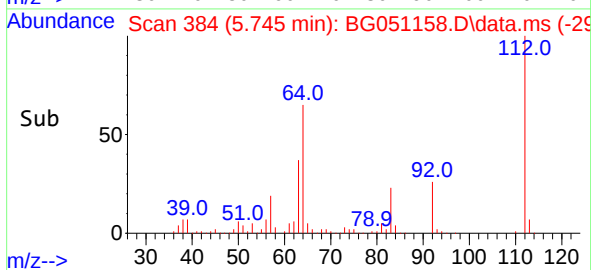
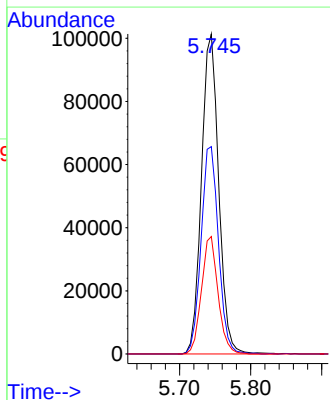
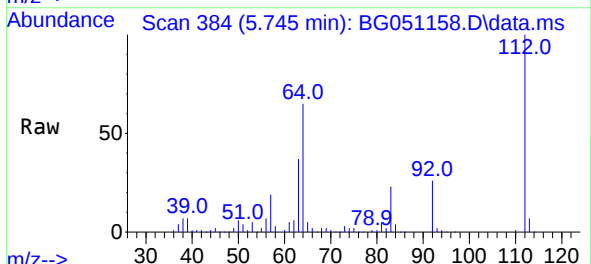
Instrument :
BNA_G
ClientSampleId :
TP18

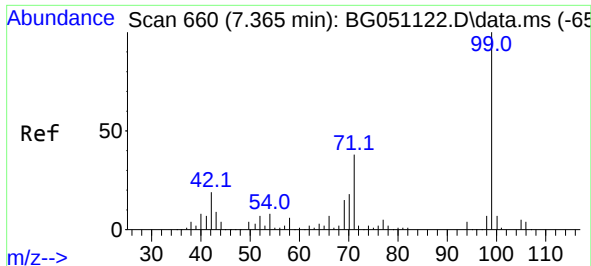
Tgt Ion:152 Resp: 27289
Ion Ratio Lower Upper
152 100
150 147.1 119.4 179.0
115 59.8 60.2 90.4#



#5
2-Fluorophenol
Concen: 96.859 ng
RT: 5.745 min Scan# 384
Delta R.T. 0.001 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

Tgt Ion:112 Resp: 170987
Ion Ratio Lower Upper
112 100
64 64.8 46.7 70.1
63 36.7 35.3 52.9

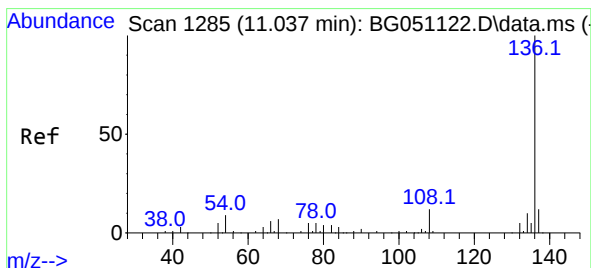
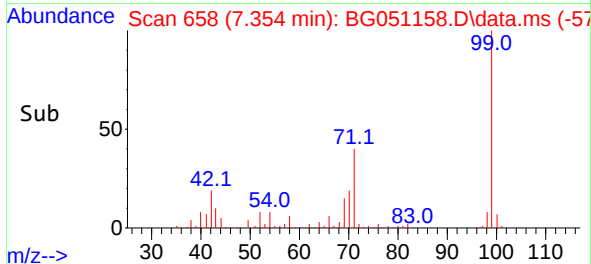
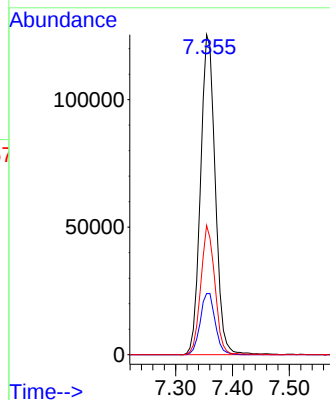
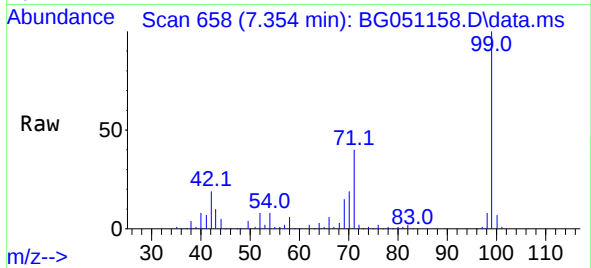




#7
Phenol-d6
Concen: 90.891 ng
RT: 7.354 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

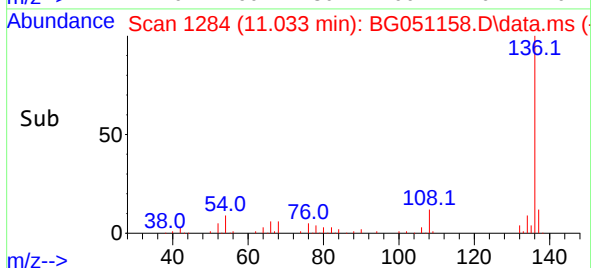
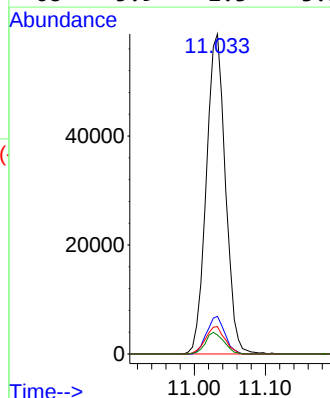
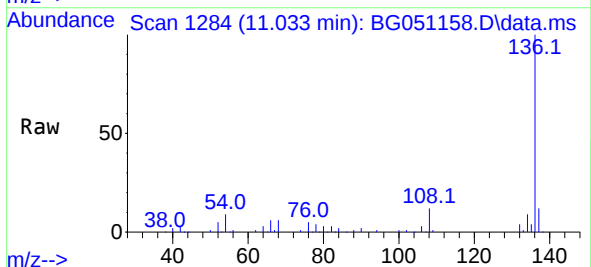
Instrument :
BNA_G
ClientSampleId :
TP18

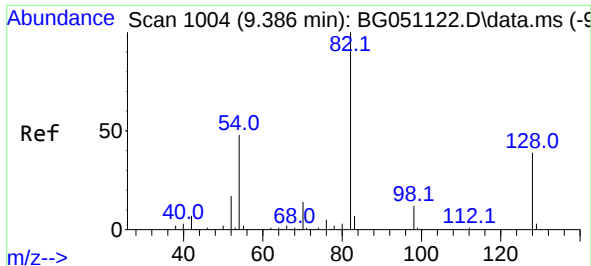
Tgt Ion: 99 Resp: 225987
Ion Ratio Lower Upper
99 100
42 19.1 20.5 30.7#
71 40.4 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.033 min Scan# 1284
Delta R.T. -0.004 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

Tgt Ion: 136 Resp: 109884
Ion Ratio Lower Upper
136 100
137 11.7 8.2 12.2
54 8.6 5.5 8.3#
68 5.9 2.3 3.5#





#23

Nitrobenzene-d5

Concen: 67.669 ng

RT: 9.382 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

Instrument :

BNA_G

ClientSampleId :

TP18

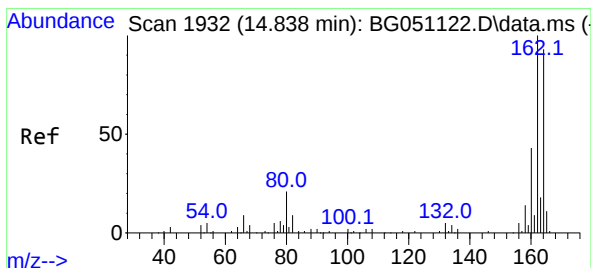
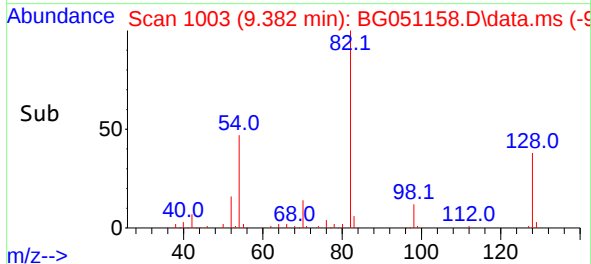
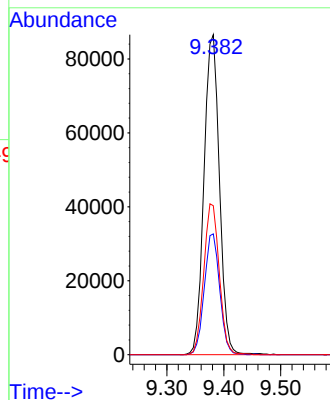
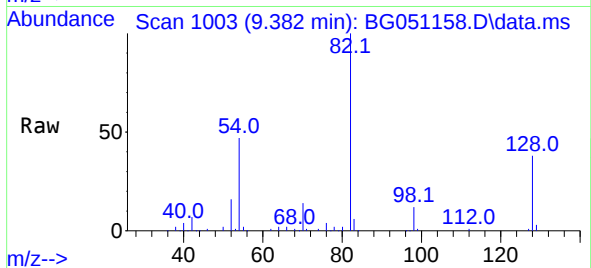
Tgt Ion: 82 Resp: 162892

Ion Ratio Lower Upper

82 100

128 37.8 29.8 44.6

54 46.6 45.8 68.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.834 min Scan# 1931

Delta R.T. -0.004 min

Lab File: BG051158.D

Acq: 20 Nov 2021 22:01

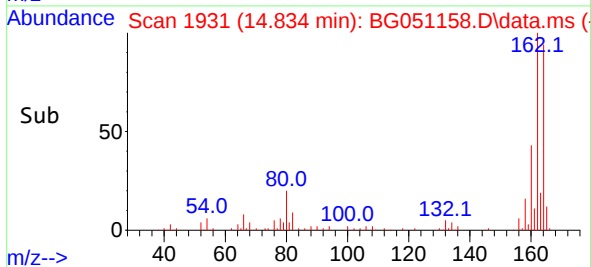
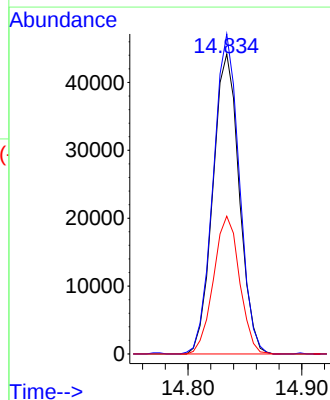
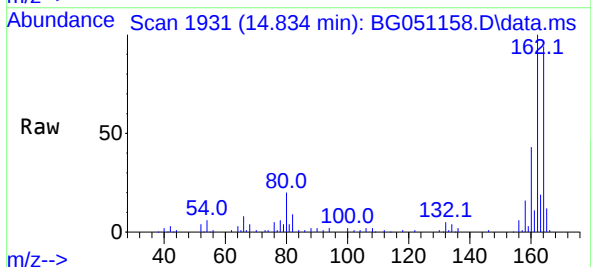
Tgt Ion:164 Resp: 70913

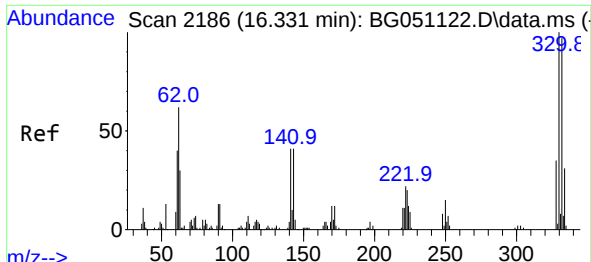
Ion Ratio Lower Upper

164 100

162 106.6 81.4 122.0

160 45.9 34.9 52.3

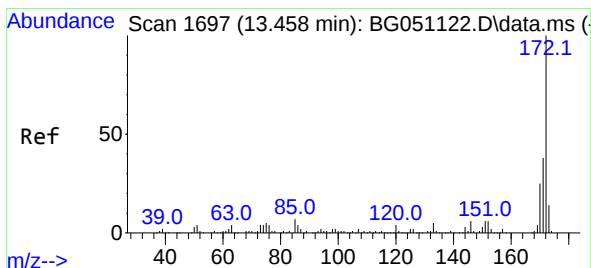
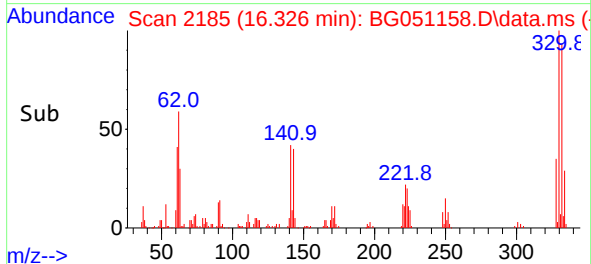
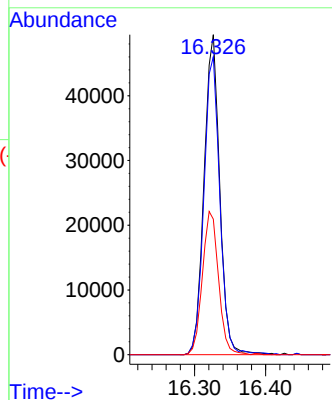
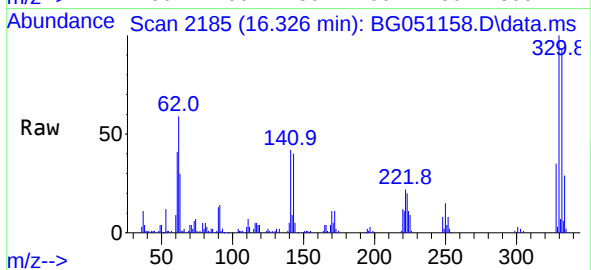




#42
2,4,6-Tribromophenol
Concen: 100.768 ng
RT: 16.326 min Scan# 2186
Delta R.T. -0.005 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

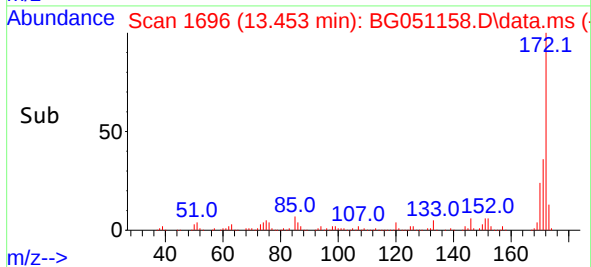
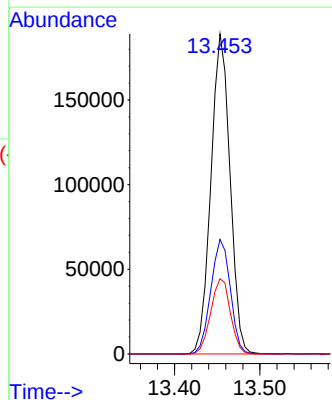
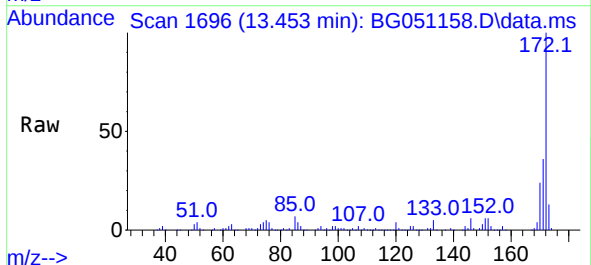
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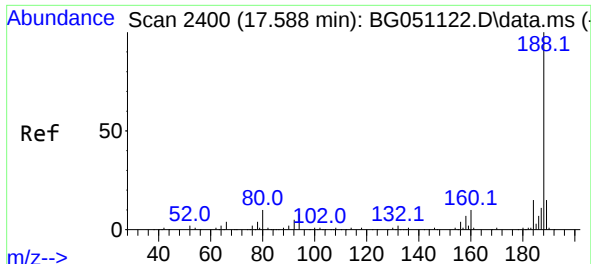
Tgt Ion:330 Resp: 75950
Ion Ratio Lower Upper
330 100
332 94.6 77.3 115.9
141 46.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 62.600 ng
RT: 13.453 min Scan# 1696
Delta R.T. -0.005 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

Tgt Ion:172 Resp: 294183
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.5 18.6 27.8

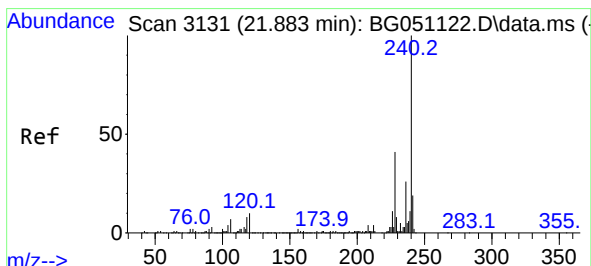
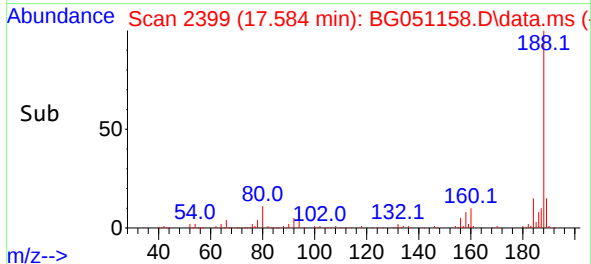
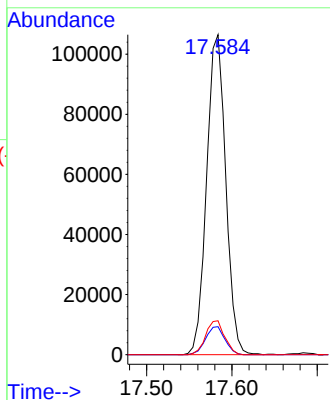
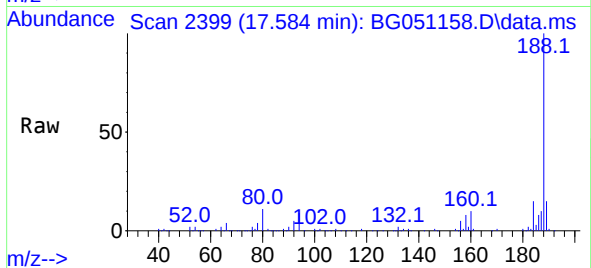




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.584 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

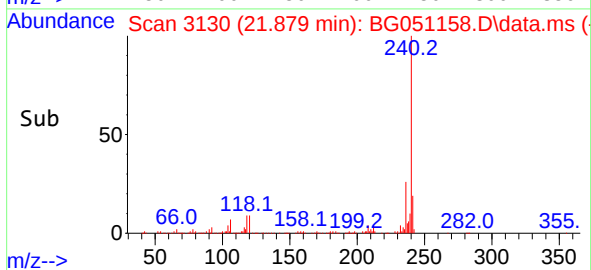
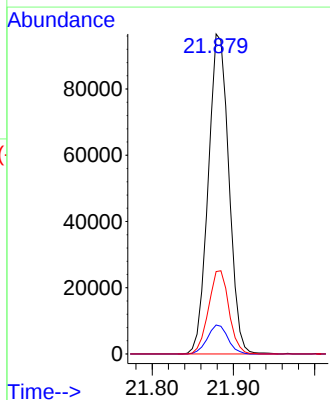
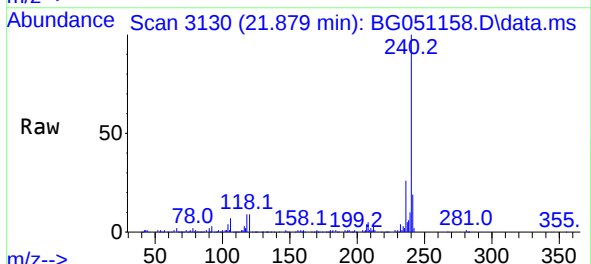
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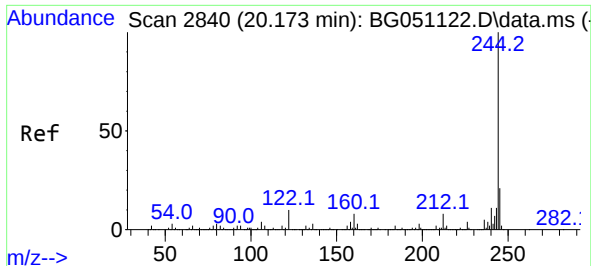
Tgt Ion:188 Resp: 165687
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 10.6 3.7 5.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.879 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG051158.D
Acq: 20 Nov 2021 22:01

Tgt Ion:240 Resp: 170336
Ion Ratio Lower Upper
240 100
120 9.1 4.2 6.2#
236 25.8 21.8 32.6

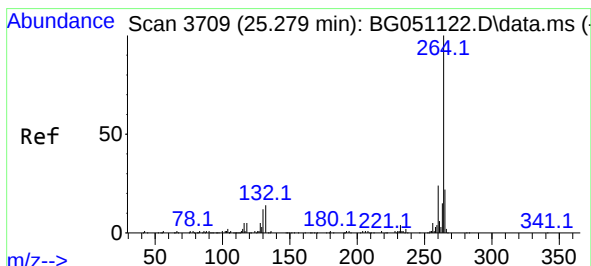
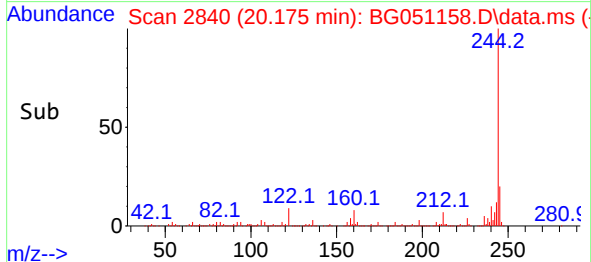
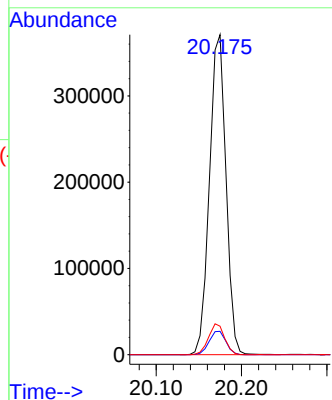
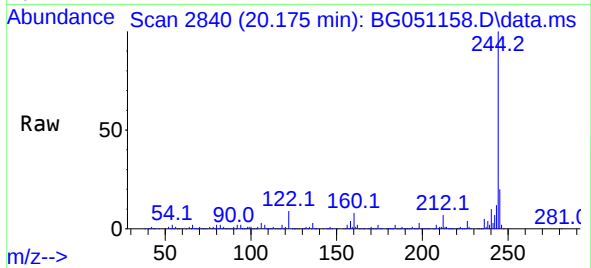




#79
 Terphenyl-d14
 Concen: 53.483 ng
 RT: 20.175 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG051158.D
 Acq: 20 Nov 2021 22:01

Instrument :
 BNA_G
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 TP18

Tgt Ion:244 Resp: 498332
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.9 10.3
 122 8.9 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.281 min Scan# 3709
 Delta R.T. 0.001 min
 Lab File: BG051158.D
 Acq: 20 Nov 2021 22:01

Tgt Ion:264 Resp: 165937
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.9 16.9 25.3

