

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
 Data File : BG053036.D
 Acq On : 5 Apr 2022 17:54
 Operator : CG/JU
 Sample : N2239-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-4

Quant Time: Apr 05 18:34:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 05 14:24:42 2022
 Response via : Initial Calibration

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

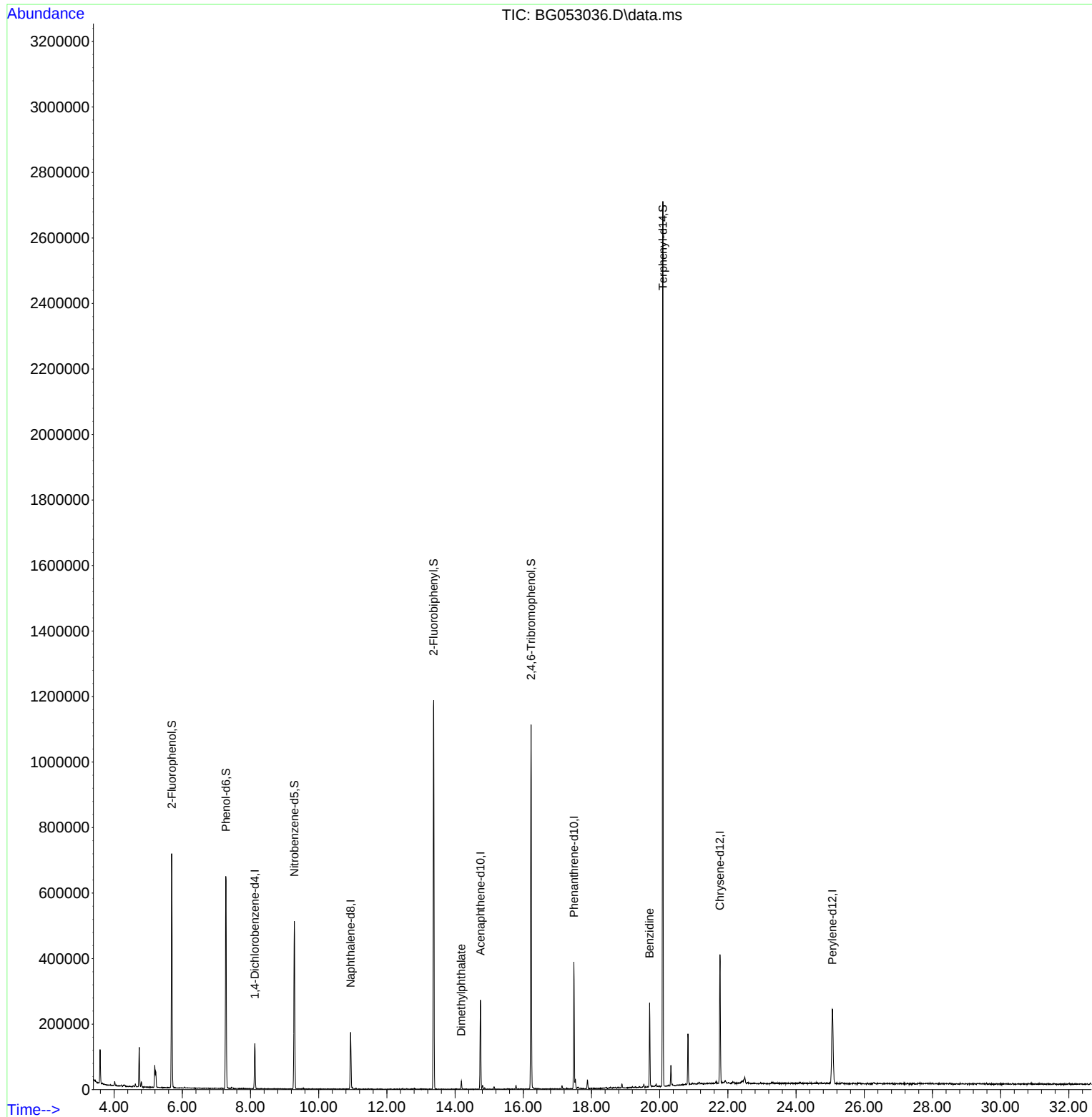
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	37909	20.000	ng	-0.02
21) Naphthalene-d8	10.937	136	138557	20.000	ng	-0.02
39) Acenaphthene-d10	14.743	164	95661	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	230564	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	257461	20.000	ng	-0.03
86) Perylene-d12	25.064	264	265677	20.000	ng	#-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	278660	128.014	ng	0.00
7) Phenol-d6	7.277	99	358736	109.313	ng	-0.01
23) Nitrobenzene-d5	9.286	82	319999	115.915	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	214197	166.635	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	647348	99.805	ng	-0.02
79) Terphenyl-d14	20.095	244	1318123	91.072	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.185	163	15611	2.196	ng	97
77) Benzidine	19.707	184	147786	22.255	ng	98

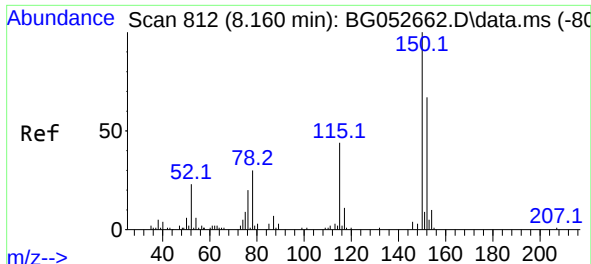
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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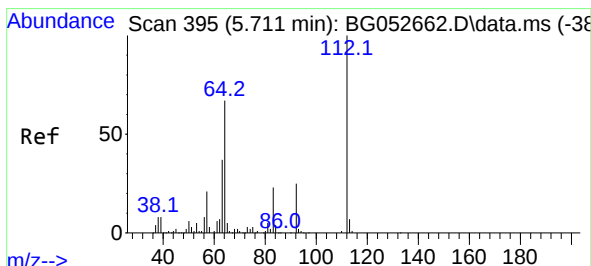
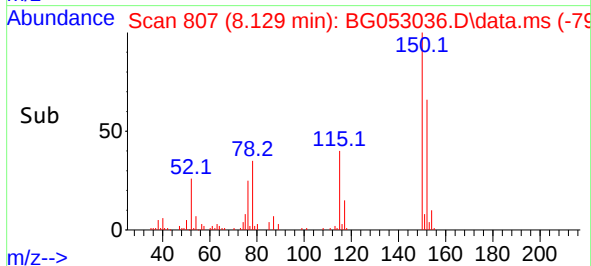
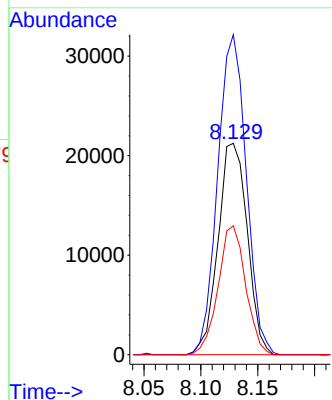
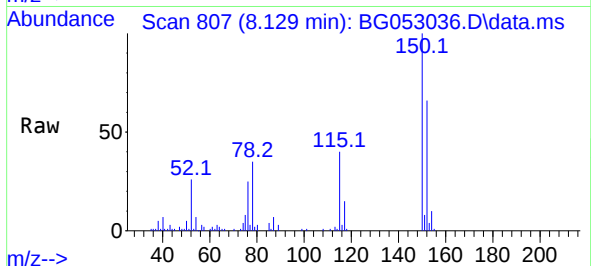




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

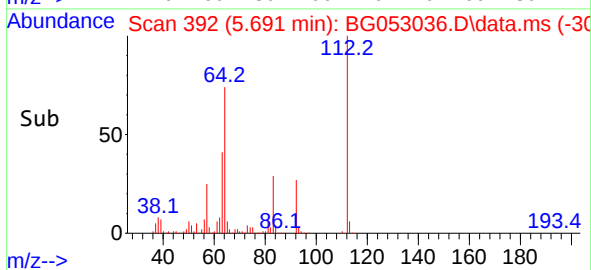
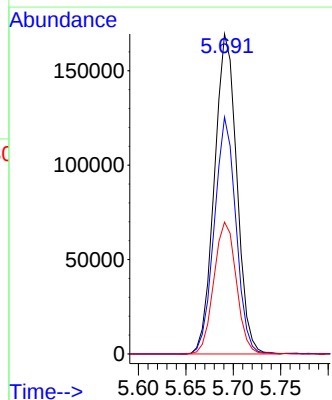
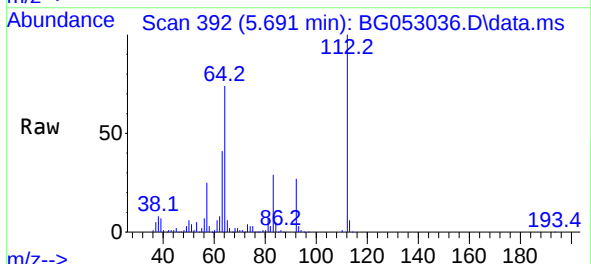
Instrument :
BNA_G
ClientSampleId :
TP-4

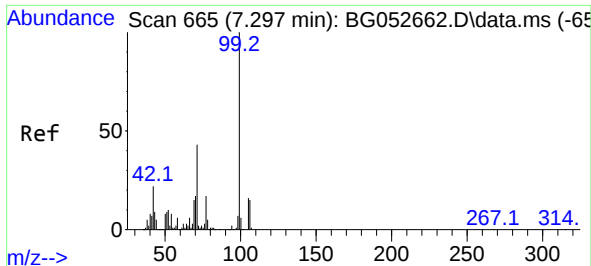
Tgt Ion:152 Resp: 37909
Ion Ratio Lower Upper
152 100
150 151.4 114.6 172.0
115 61.0 45.9 68.9



#5
2-Fluorophenol
Concen: 128.014 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

Tgt Ion:112 Resp: 278660
Ion Ratio Lower Upper
112 100
64 74.0 48.0 72.0#
63 41.2 26.5 39.7#

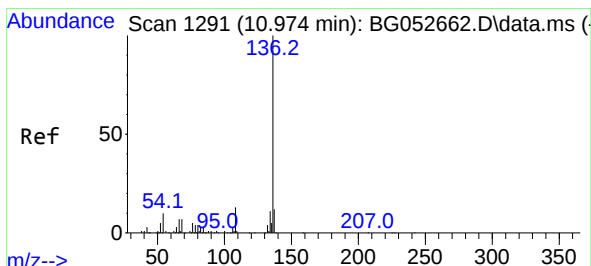
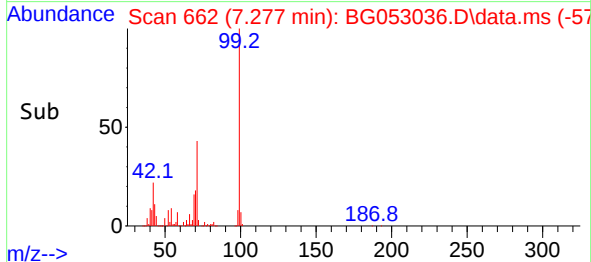
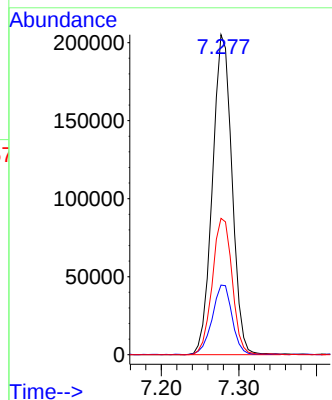
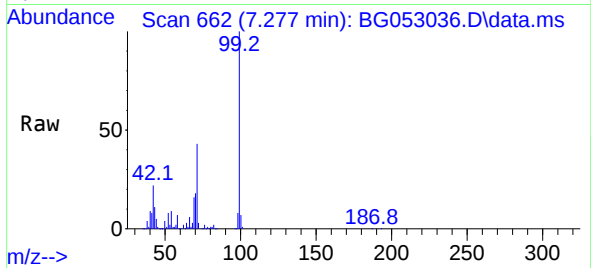




#7
Phenol-d6
Concen: 109.313 ng
RT: 7.277 min Scan# 61
Delta R.T. -0.012 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

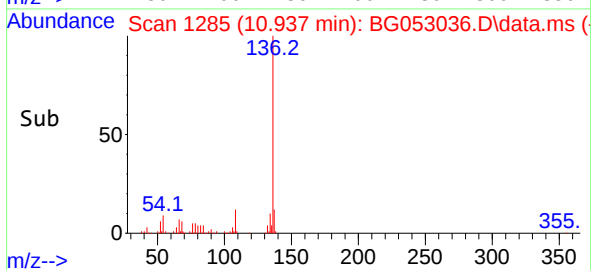
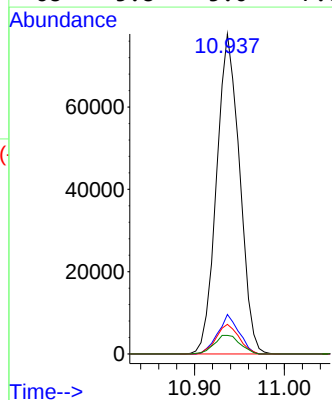
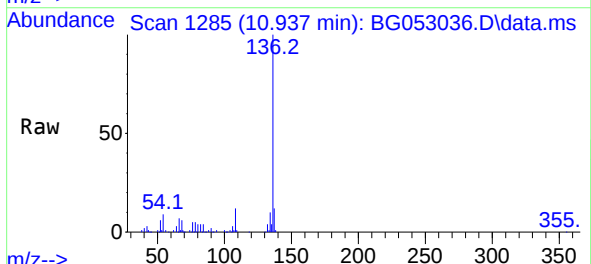
Instrument :
BNA_G
ClientSampleId :
TP-4

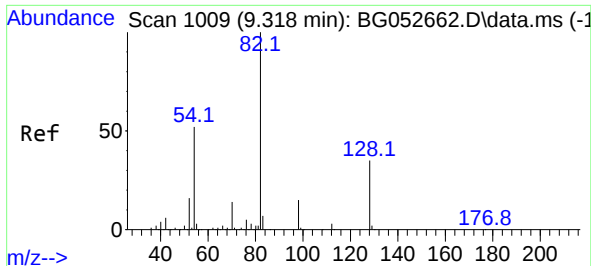
Tgt Ion: 99 Resp: 358736
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 42.6 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1285
Delta R.T. -0.023 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

Tgt Ion:136 Resp: 138557
Ion Ratio Lower Upper
136 100
137 12.3 9.4 14.2
54 9.2 6.4 9.6
68 5.8 5.0 7.6





#23

Nitrobenzene-d5

Concen: 115.915 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BG053036.D

Acq: 5 Apr 2022 17:54

Instrument :

BNA_G

ClientSampleId :

TP-4

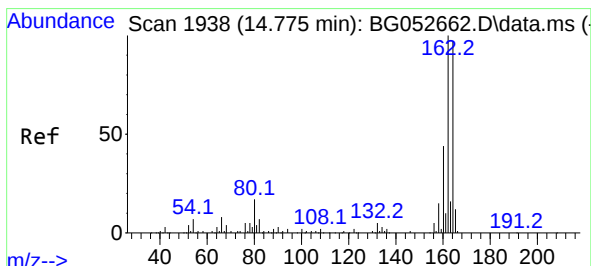
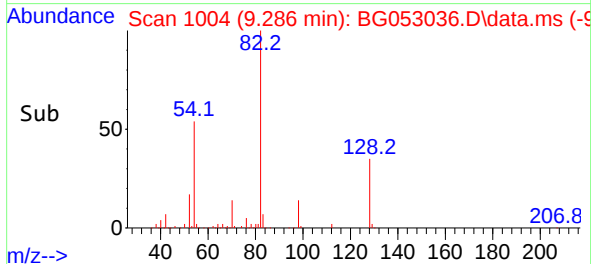
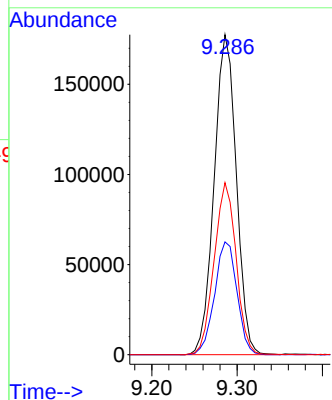
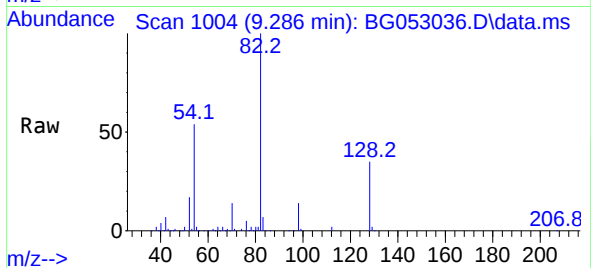
Tgt Ion: 82 Resp: 319999

Ion Ratio Lower Upper

82 100

128 35.2 31.3 46.9

54 53.7 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.743 min Scan# 1933

Delta R.T. -0.023 min

Lab File: BG053036.D

Acq: 5 Apr 2022 17:54

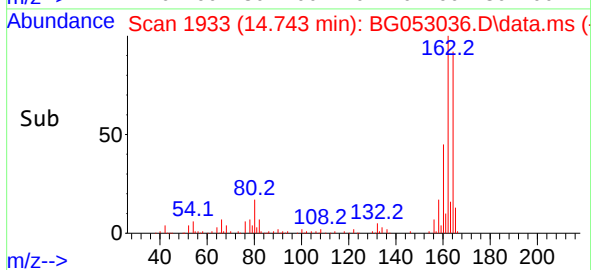
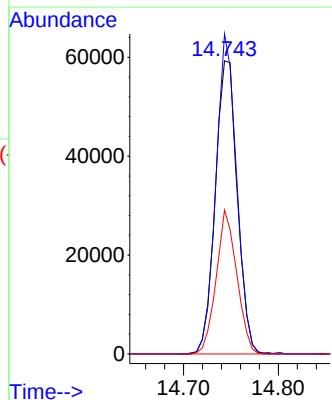
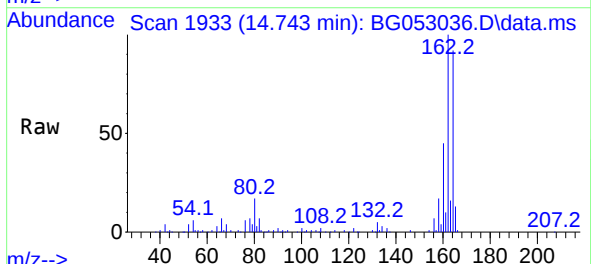
Tgt Ion:164 Resp: 95661

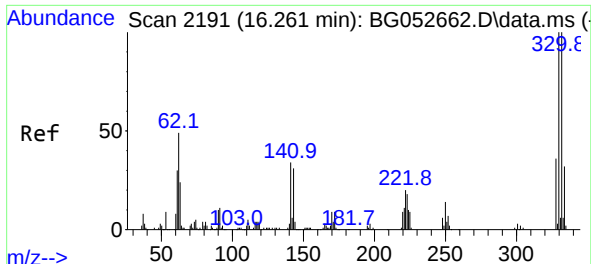
Ion Ratio Lower Upper

164 100

162 109.2 80.0 120.0

160 49.1 38.8 58.2

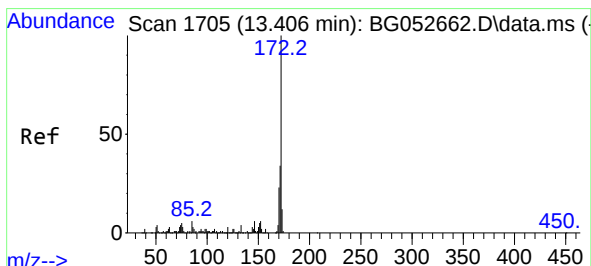
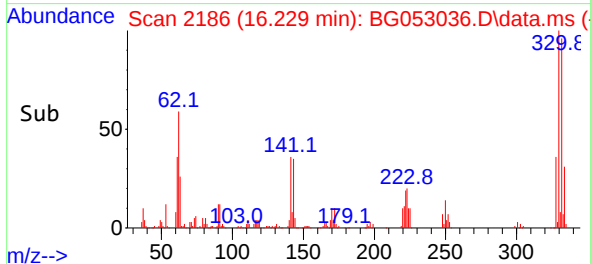
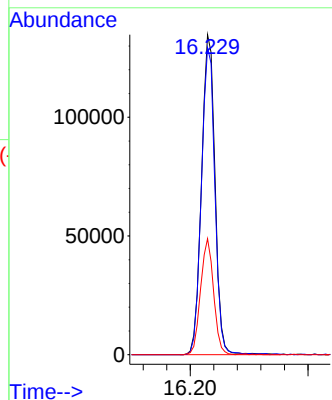
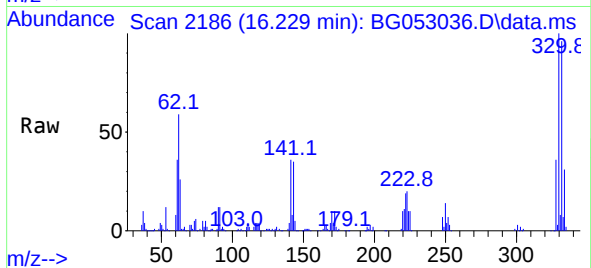




#42
2,4,6-Tribromophenol
Concen: 166.635 ng
RT: 16.229 min Scan# 2191
Delta R.T. -0.018 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

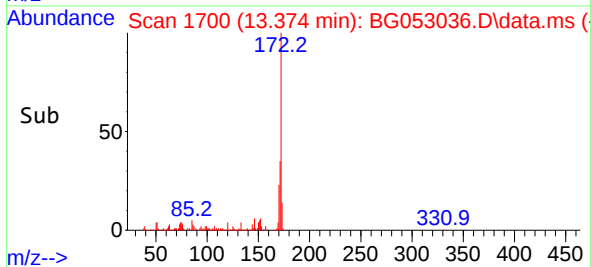
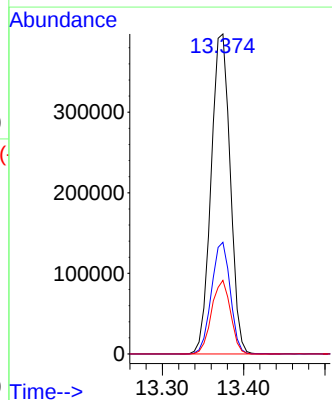
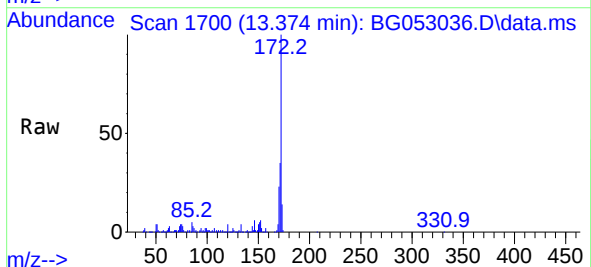
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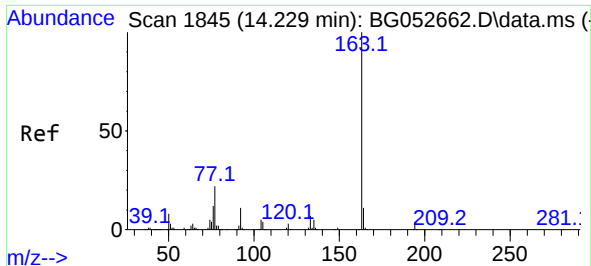
Tgt Ion:330 Resp: 214197
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 34.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 99.805 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

Tgt Ion:172 Resp: 647348
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.0 18.0 27.0

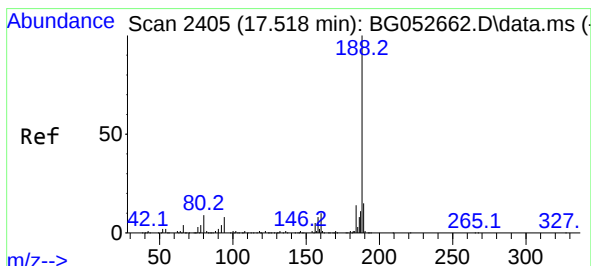
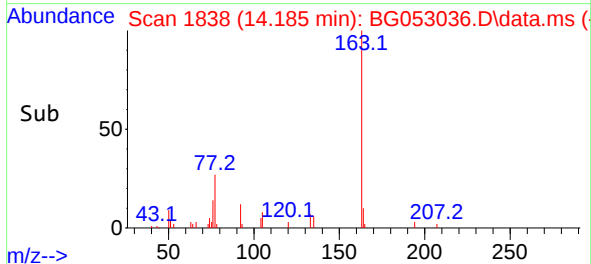
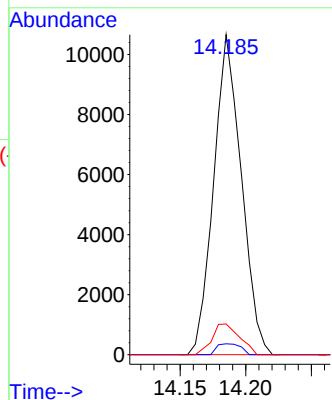
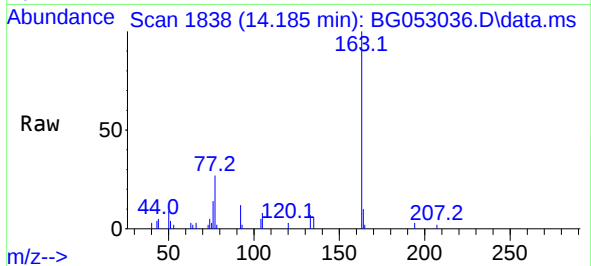




#50
Dimethylphthalate
Concen: 2.196 ng
RT: 14.185 min Scan# 1838
Delta R.T. -0.029 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

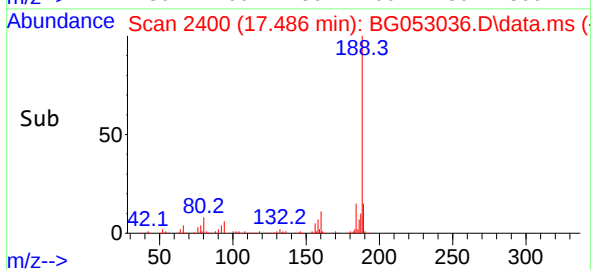
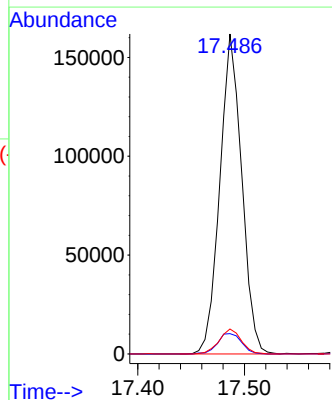
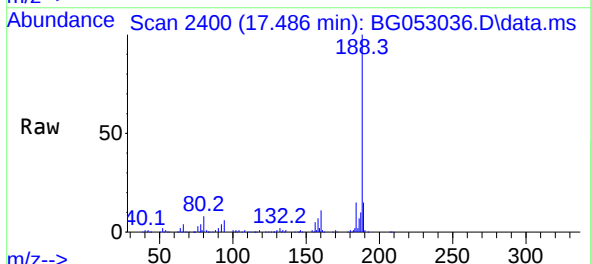
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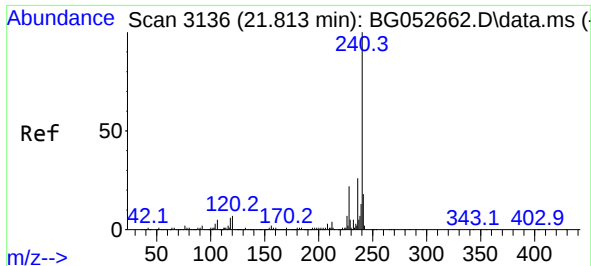
Tgt Ion:163 Resp: 15611
Ion Ratio Lower Upper
163 100
194 3.4 3.3 4.9
164 9.6 8.5 12.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.018 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

Tgt Ion:188 Resp: 230564
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 7.8 7.2 10.8

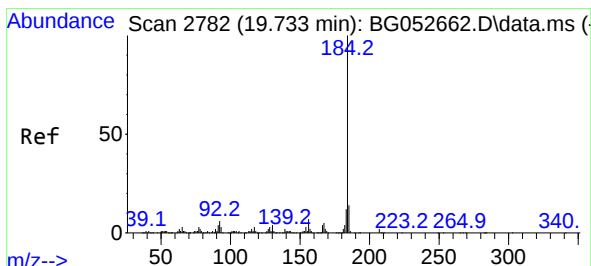
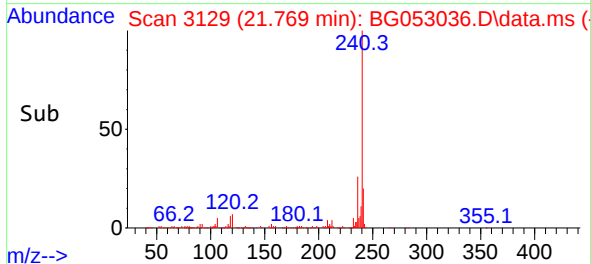
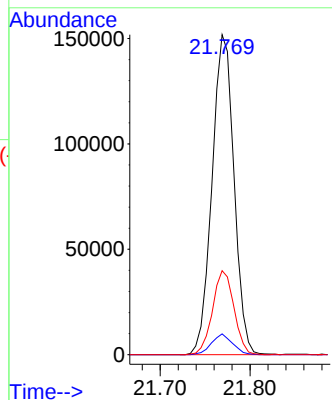
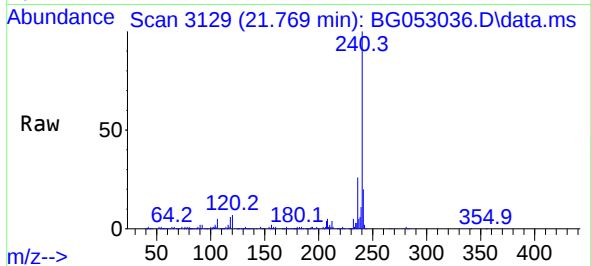




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 3136
Delta R.T. -0.029 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

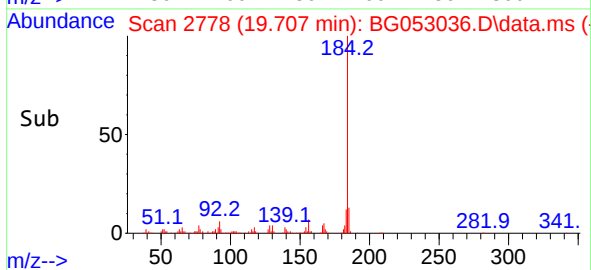
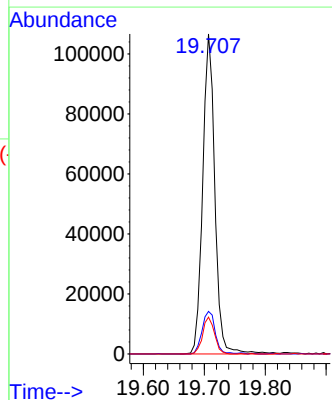
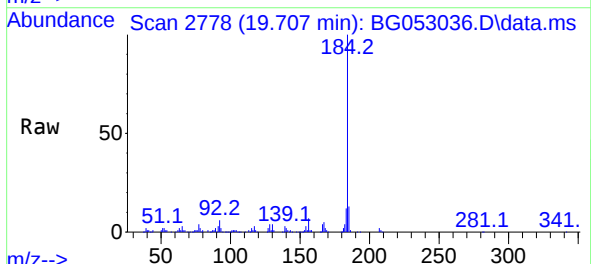
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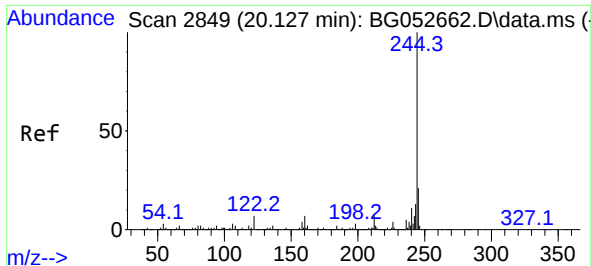
Tgt Ion:240 Resp: 257461
Ion Ratio Lower Upper
240 100
120 6.5 5.4 8.0
236 26.2 19.8 29.6



#77
Benzidine
Concen: 22.255 ng
RT: 19.707 min Scan# 2778
Delta R.T. -0.018 min
Lab File: BG053036.D
Acq: 5 Apr 2022 17:54

Tgt Ion:184 Resp: 147786
Ion Ratio Lower Upper
184 100
185 13.3 11.5 17.3
183 11.5 9.4 14.2

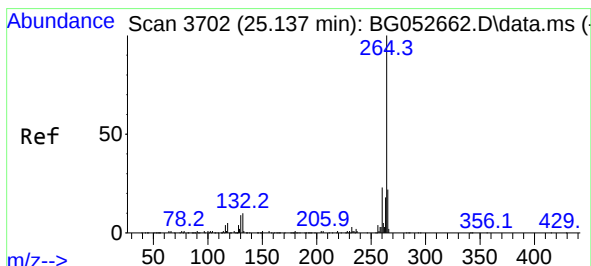
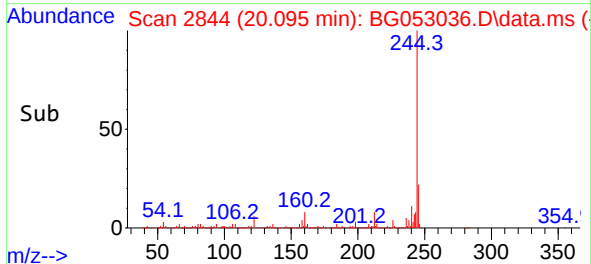
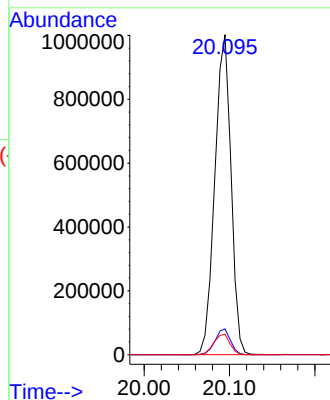
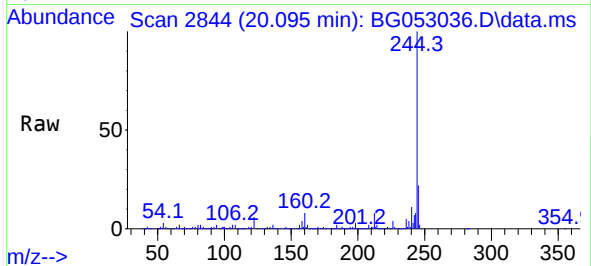




#79
 Terphenyl-d14
 Concen: 91.072 ng
 RT: 20.095 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053036.D
 Acq: 5 Apr 2022 17:54

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Tgt Ion:244 Resp: 1318123
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.064 min Scan# 3690
 Delta R.T. -0.047 min
 Lab File: BG053036.D
 Acq: 5 Apr 2022 17:54

Tgt Ion:264 Resp: 265677
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 22.8 15.1 22.7#

