

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053386.D
 Acq On : 29 Apr 2022 20:54
 Operator : CG/JU
 Sample : N2609-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-3

Quant Time: May 02 01:04:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 01:13:30 2022
 Response via : Initial Calibration

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

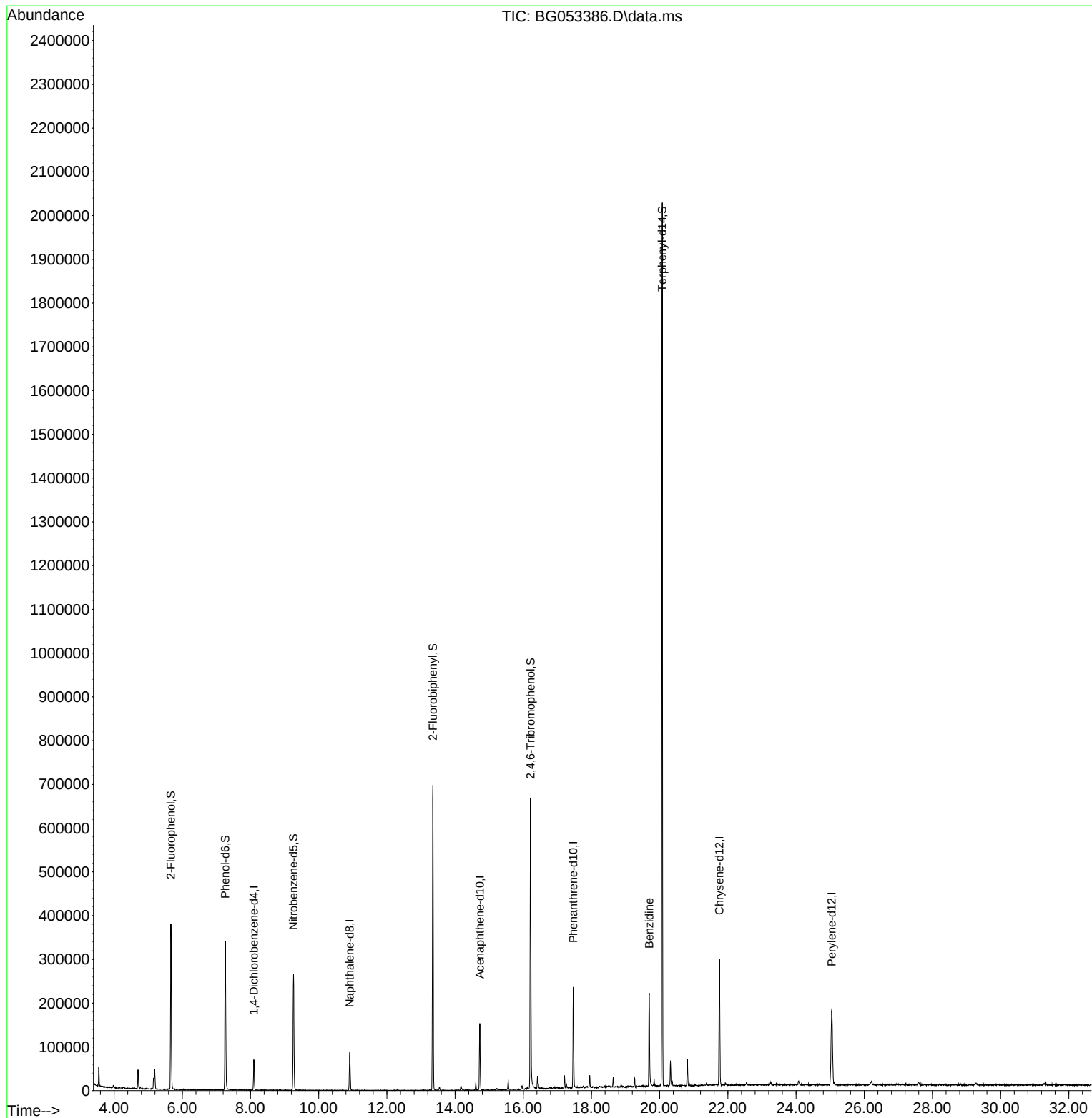
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	18531	20.000	ng	#-0.01
21) Naphthalene-d8	10.913	136	70503	20.000	ng	# 0.00
39) Acenaphthene-d10	14.725	164	54970	20.000	ng	0.00
64) Phenanthrene-d10	17.469	188	149706	20.000	ng	-0.01
76) Chrysene-d12	21.751	240	191637	20.000	ng	-0.01
86) Perylene-d12	25.047	264	202502	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	155328	143.684	ng	0.00
7) Phenol-d6	7.259	99	205333	123.170	ng	-0.01
23) Nitrobenzene-d5	9.262	82	171451	98.740	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	142169	162.562	ng	0.00
45) 2-Fluorobiphenyl	13.351	172	375865	94.285	ng	0.00
79) Terphenyl-d14	20.077	244	982858	86.620	ng	0.00
Target Compounds						
77) Benzidine	19.695	184	146001	26.702	ng	Qvalue 96

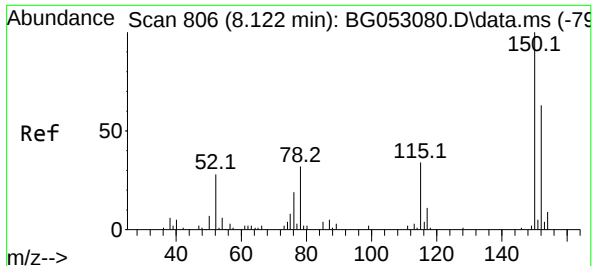
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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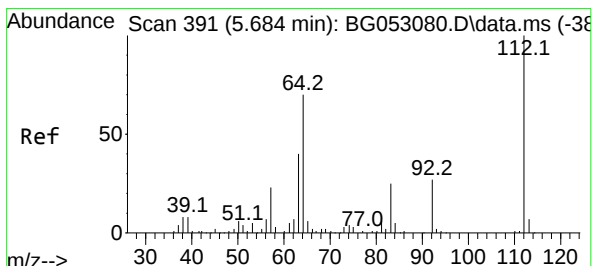
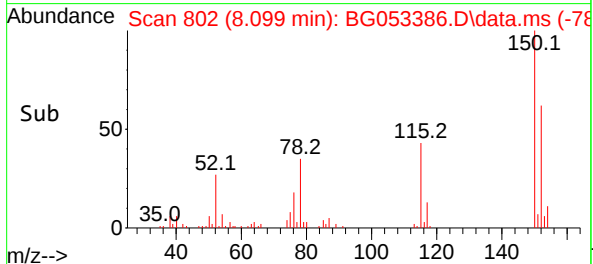
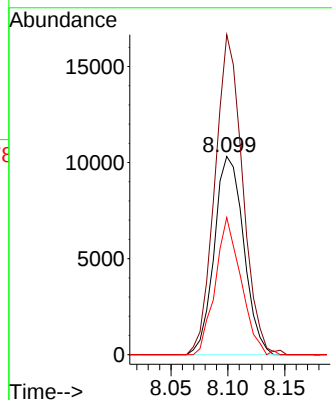
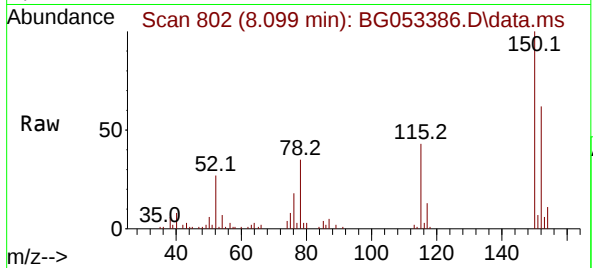




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.099 min Scan# 806
Delta R.T. -0.014 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

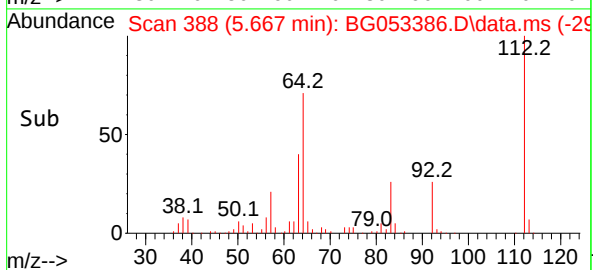
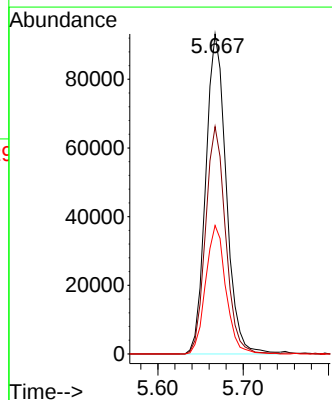
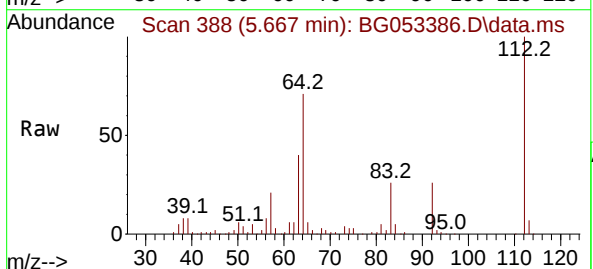
Instrument :
BNA_G
ClientSampleId :
WC-3

Tgt Ion:152 Resp: 18531
Ion Ratio Lower Upper
152 100
150 161.5 114.6 172.0
115 69.2 45.9 68.9#



#5
2-Fluorophenol
Concen: 143.684 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:112 Resp: 155328
Ion Ratio Lower Upper
112 100
64 71.0 48.0 72.0
63 40.1 26.5 39.7#

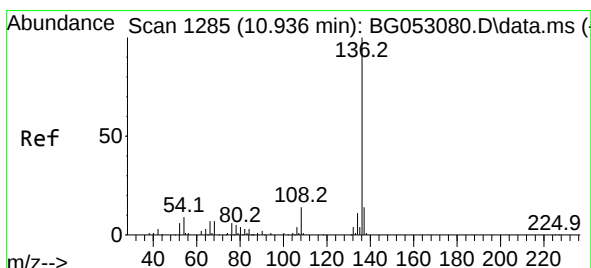
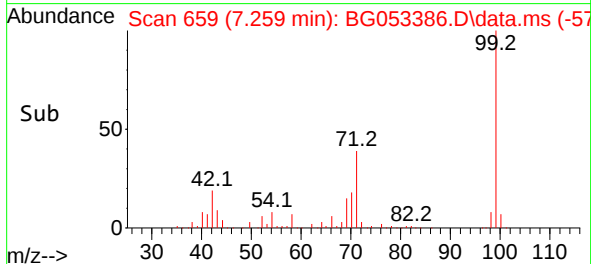
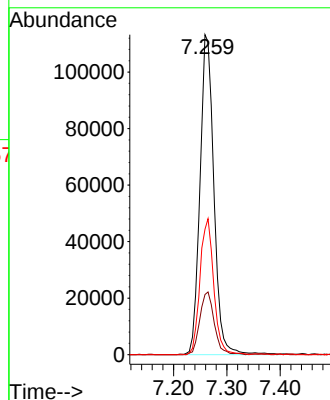
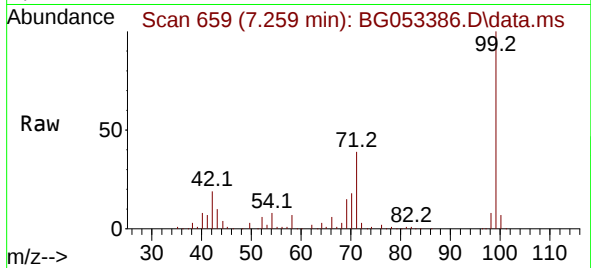




#7
Phenol-d6
Concen: 123.170 ng
RT: 7.259 min Scan# 61
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

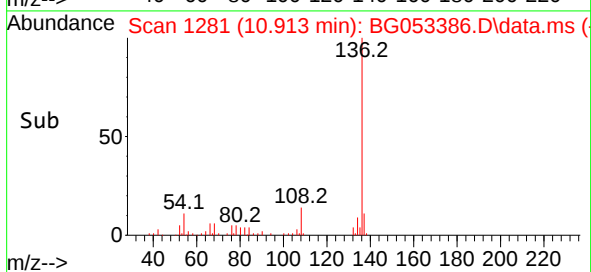
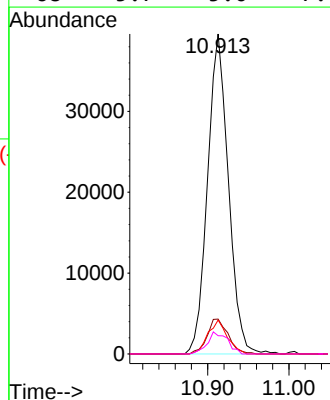
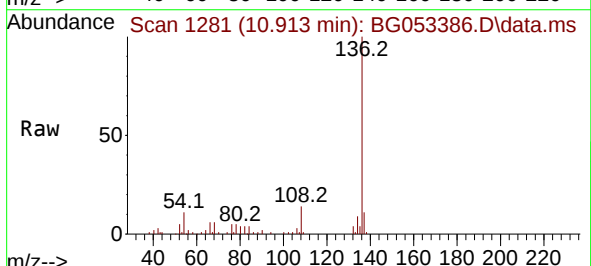
Instrument :
BNA_G
ClientSampleId :
WC-3

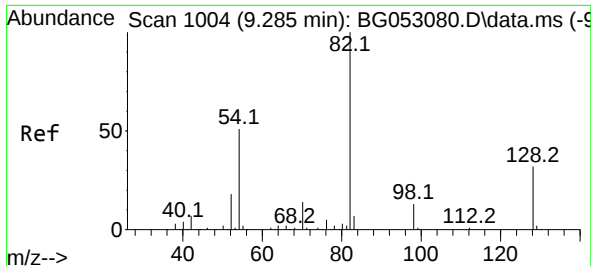
Tgt Ion: 99 Resp: 205333
Ion Ratio Lower Upper
99 100
42 18.8 14.7 22.1
71 39.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.913 min Scan# 1281
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion: 136 Resp: 70503
Ion Ratio Lower Upper
136 100
137 10.9 9.4 14.2
54 10.6 6.4 9.6#
68 5.7 5.0 7.6

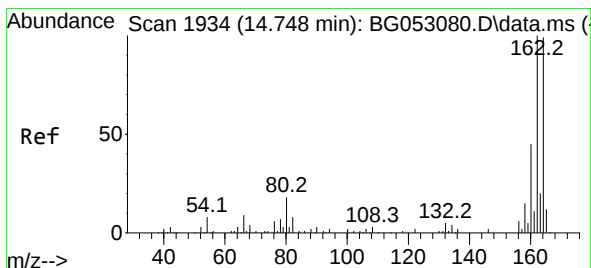
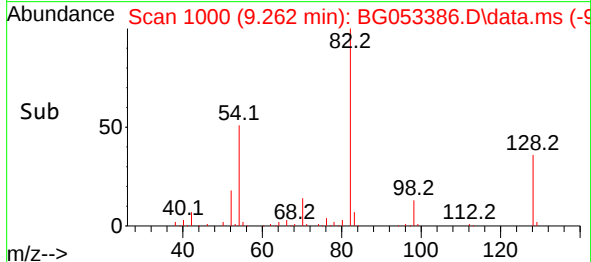
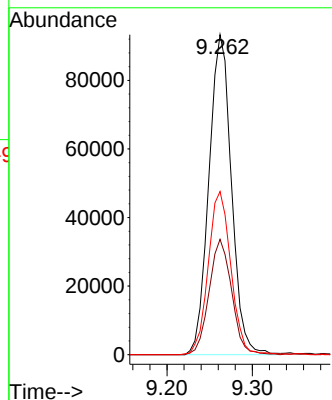
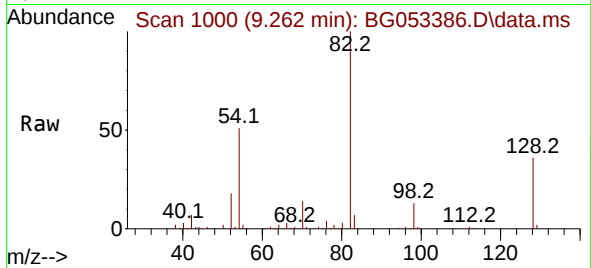




#23
Nitrobenzene-d5
Concen: 98.740 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

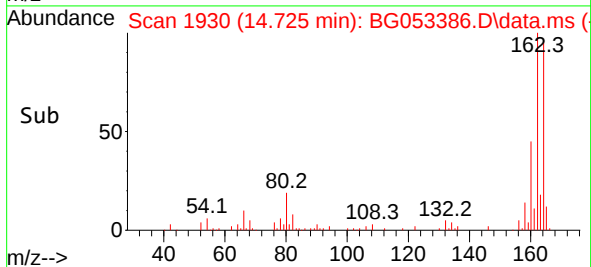
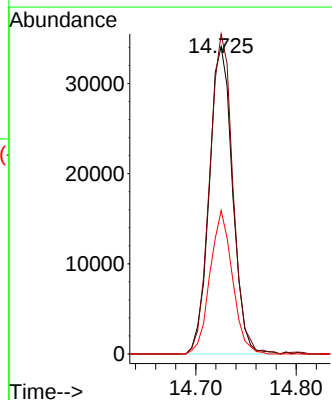
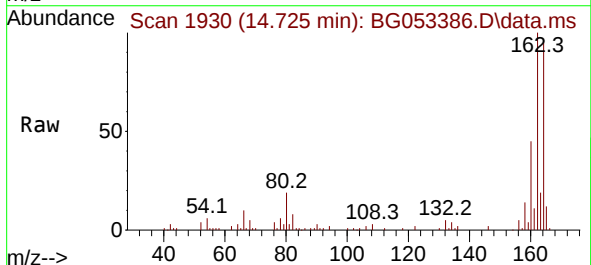
Instrument :
BNA_G
ClientSampleId :
WC-3

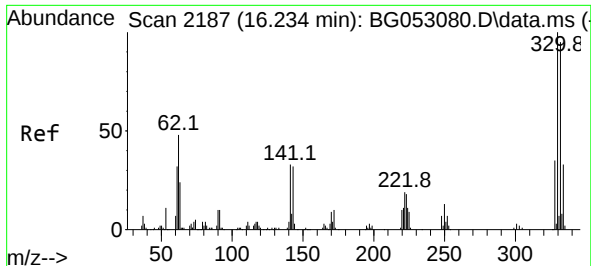
Tgt Ion: 82 Resp: 171451
Ion Ratio Lower Upper
82 100
128 36.1 31.3 46.9
54 51.0 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:164 Resp: 54970
Ion Ratio Lower Upper
164 100
162 104.1 80.0 120.0
160 46.6 38.8 58.2

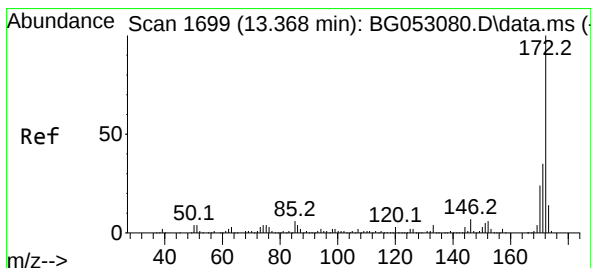
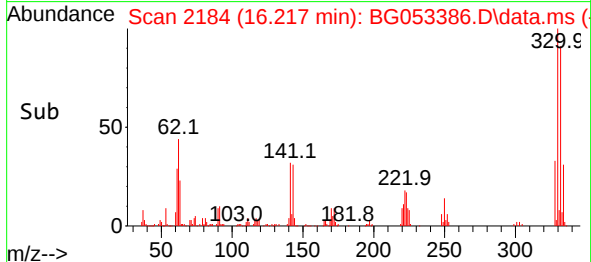
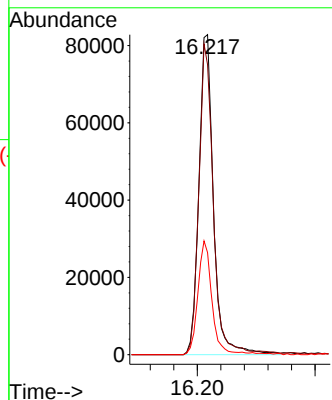
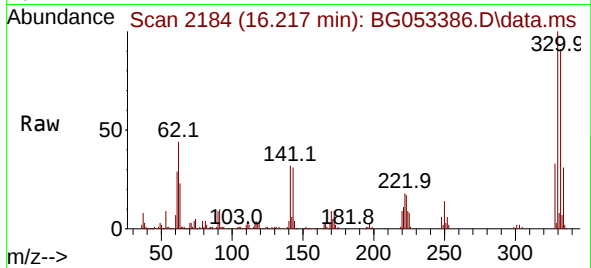




#42
2,4,6-Tribromophenol
Concen: 162.562 ng
RT: 16.217 min Scan# 2187
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

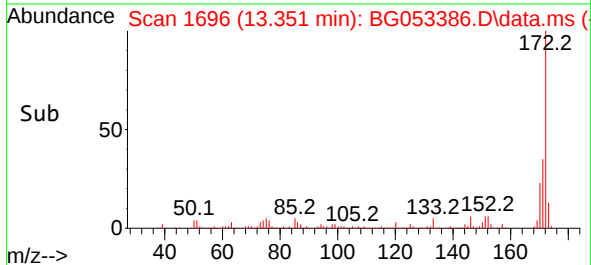
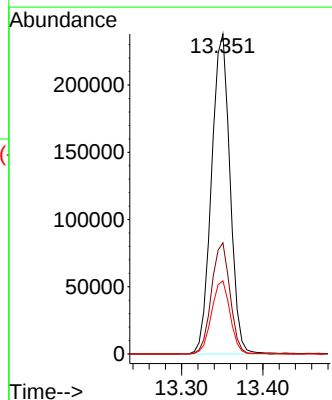
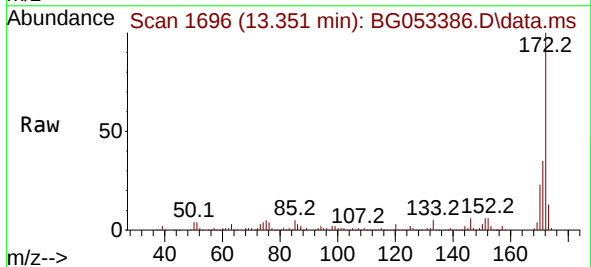
Instrument :
BNA_G
ClientSampleId :
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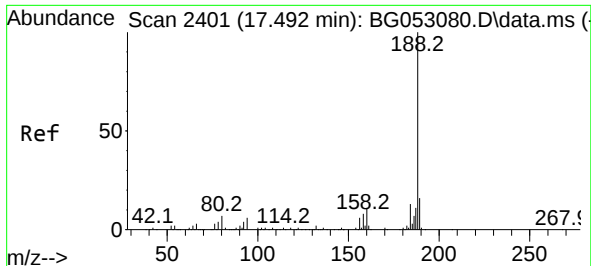
Tgt Ion:330 Resp: 142169
Ion Ratio Lower Upper
330 100
332 95.0 75.8 113.6
141 34.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 94.285 ng
RT: 13.351 min Scan# 1696
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:172 Resp: 375865
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 22.9 18.0 27.0

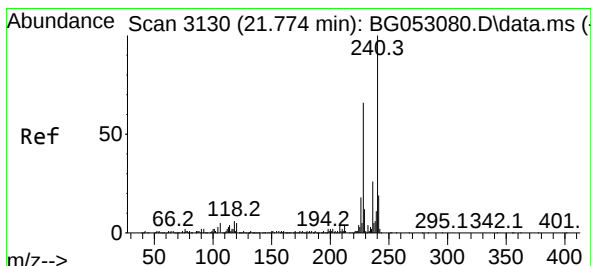
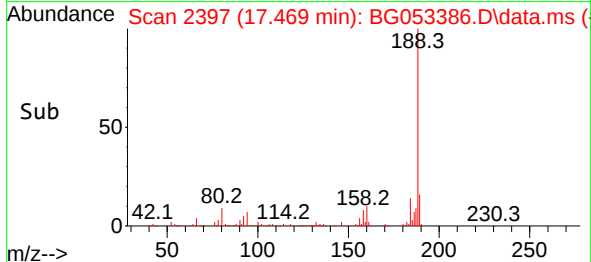
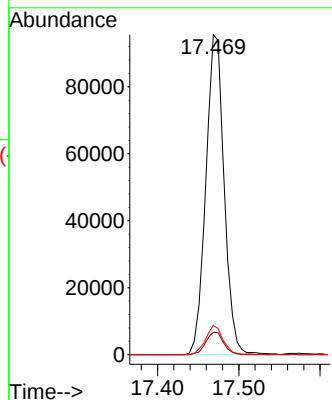
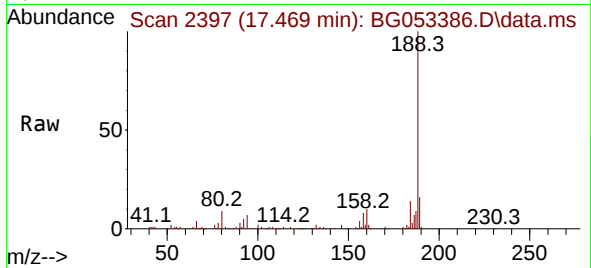




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.469 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

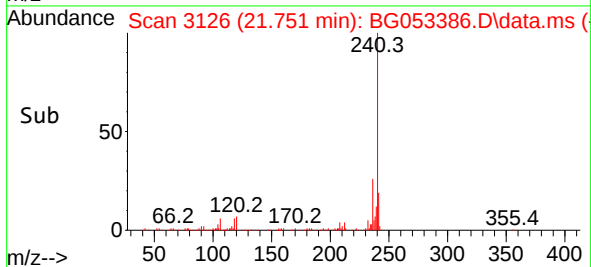
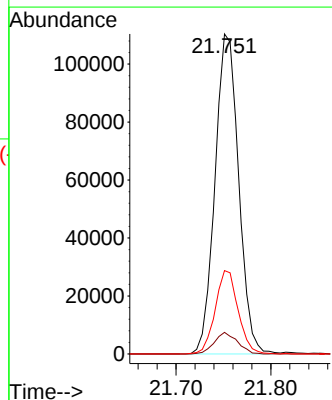
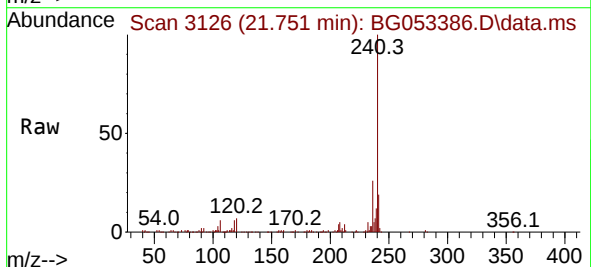
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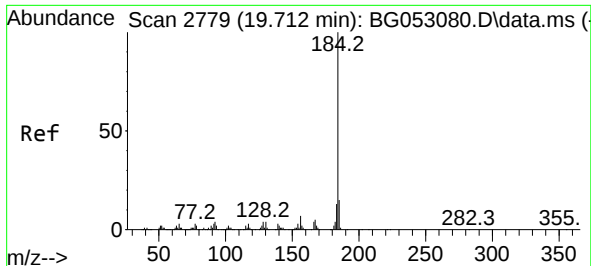
Tgt Ion:188 Resp: 149706
Ion Ratio Lower Upper
188 100
94 7.0 5.7 8.5
80 9.2 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.751 min Scan# 3126
Delta R.T. -0.015 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

Tgt Ion:240 Resp: 191637
Ion Ratio Lower Upper
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120 6.8 5.4 8.0
236 26.0 19.8 29.6

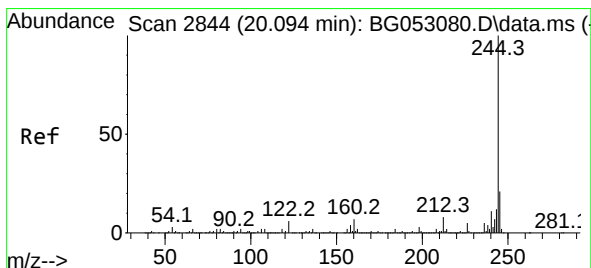
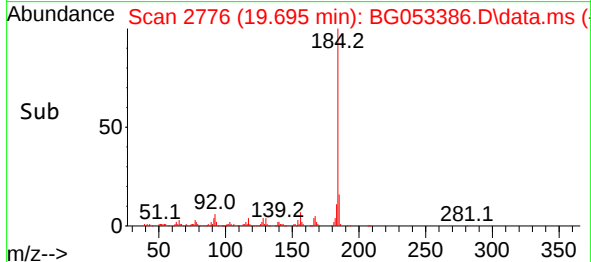
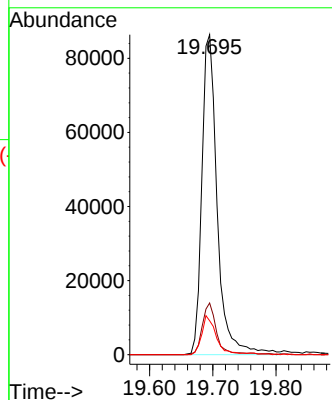
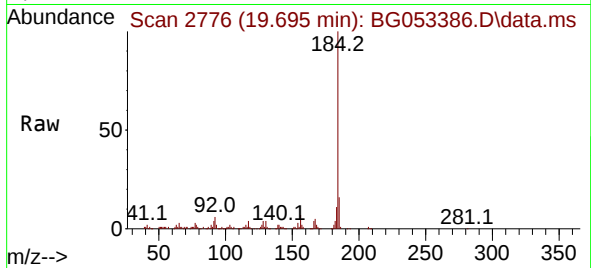




#77
Benzidine
Concen: 26.702 ng
RT: 19.695 min Scan# 21
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

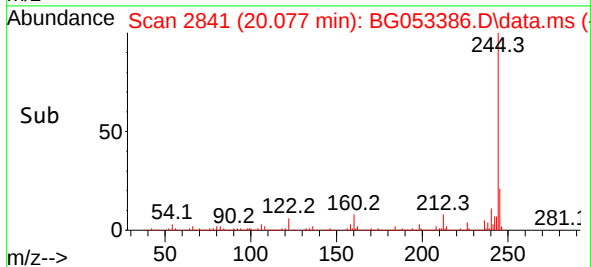
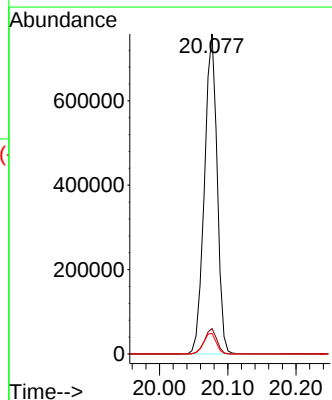
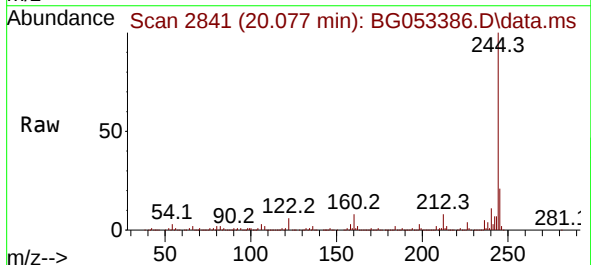
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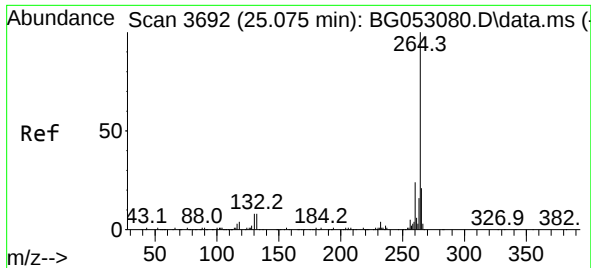
Tgt Ion:184 Resp: 146001
Ion Ratio Lower Upper
184 100
185 16.1 11.5 17.3
183 10.6 9.4 14.2



#79
Terphenyl-d14
Concen: 86.620 ng
RT: 20.077 min Scan# 2841
Delta R.T. -0.009 min
Lab File: BG053386.D
Acq: 29 Apr 2022 20:54

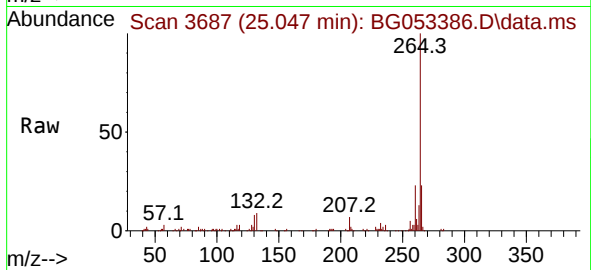
Tgt Ion:244 Resp: 982858
Ion Ratio Lower Upper
244 100
212 7.9 5.4 8.2
122 6.4 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.047 min Scan# 30
 Delta R.T. -0.015 min
 Lab File: BG053386.D
 Acq: 29 Apr 2022 20:54

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 202502
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.2 27.2
 265 22.7 15.1 22.7#

