

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042022\
 Data File : BG053228.D
 Acq On : 20 Apr 2022 23:06
 Operator : CG/JU
 Sample : N2451-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB220415

Quant Time: Apr 21 06:05:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

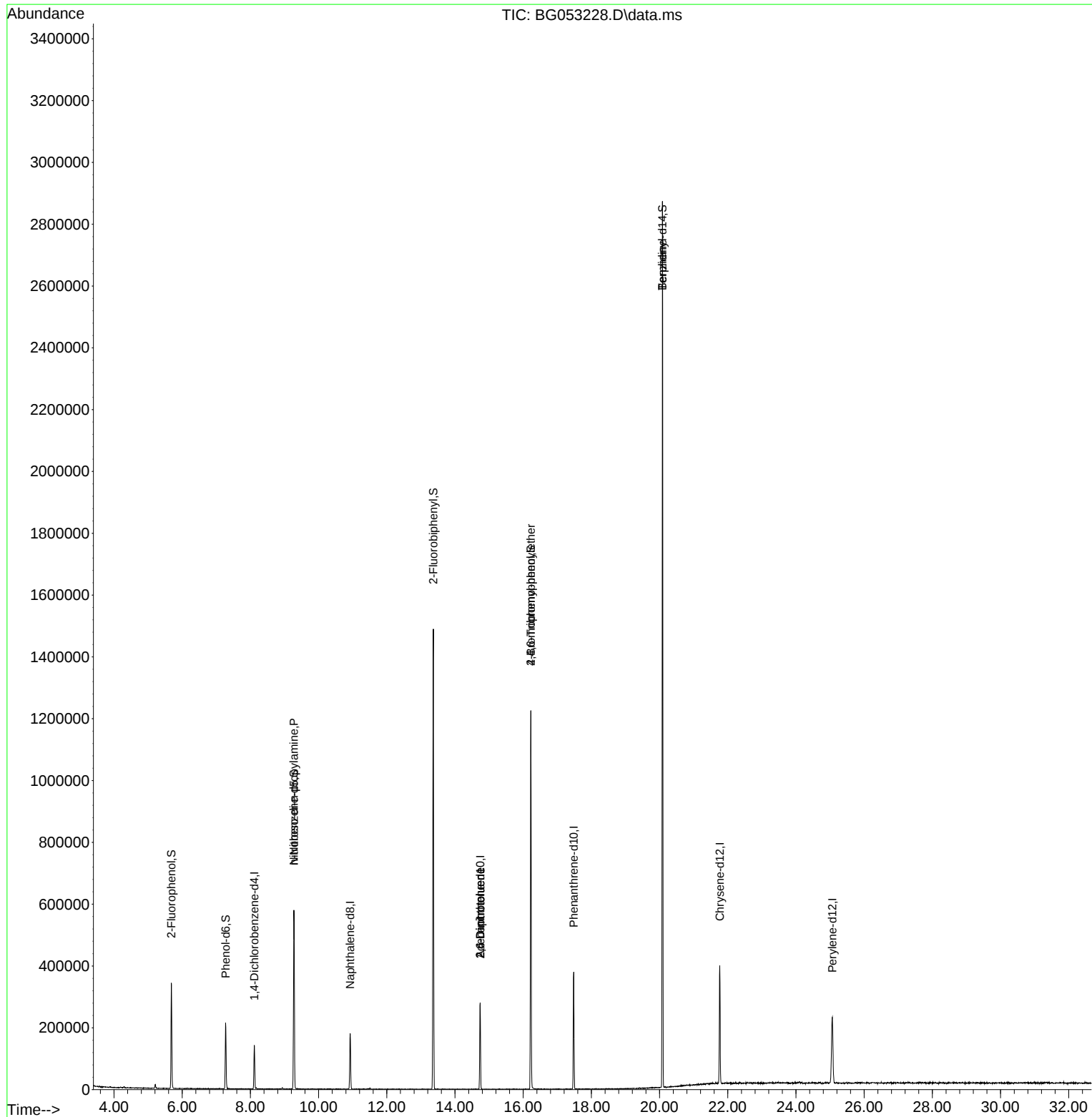
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.112	152	39863	20.000	ng	-0.01
21) Naphthalene-d8	10.925	136	149618	20.000	ng	#-0.01
39) Acenaphthene-d10	14.738	164	106826	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	250360	20.000	ng	-0.01
76) Chrysene-d12	21.764	240	251925	20.000	ng	-0.01
86) Perylene-d12	25.065	264	249561	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.680	112	146933	63.184	ng	0.00
7) Phenol-d6	7.272	99	120277	33.539	ng	-0.01
23) Nitrobenzene-d5	9.275	82	368159	99.911	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	243051	143.008	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	777809	100.399	ng	0.00
79) Terphenyl-d14	20.084	244	1414128	94.803	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	51486	19.610	ng	# 79
51) 2,6-Dinitrotoluene	14.738	165	13524	7.587	ng	# 26
57) 2,4-Dinitrotoluene	14.738	165	13524	5.329	ng	# 24
67) 4-Bromophenyl-phenylether	16.224	248	15773	4.917	ng	# 1
77) Benzidine	20.084	184	24793	3.449	ng	# 90

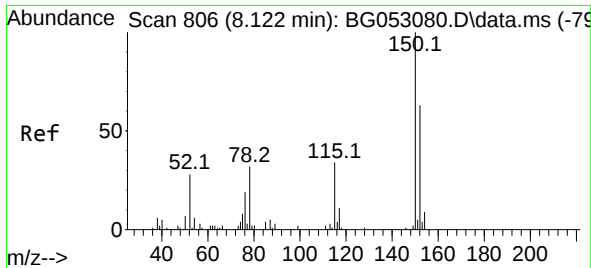
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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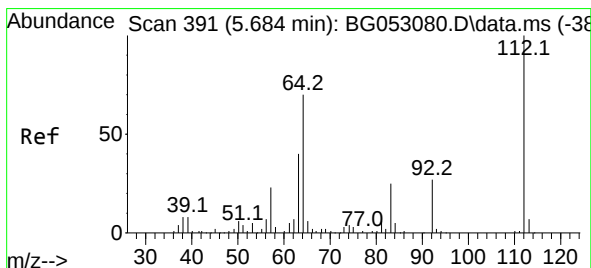
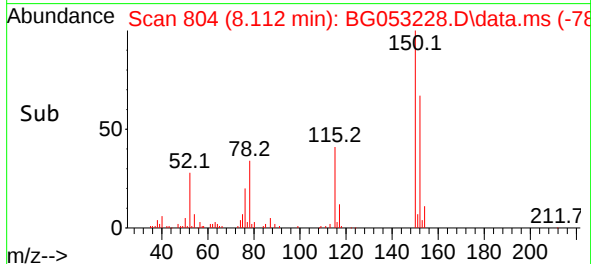
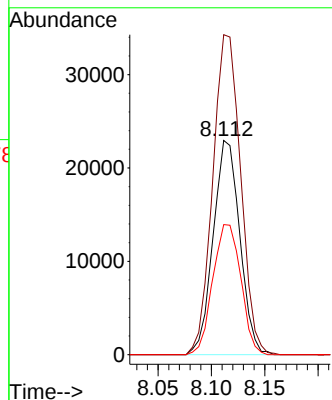
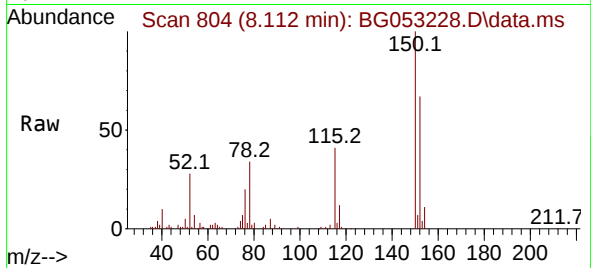




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.112 min Scan# 806
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

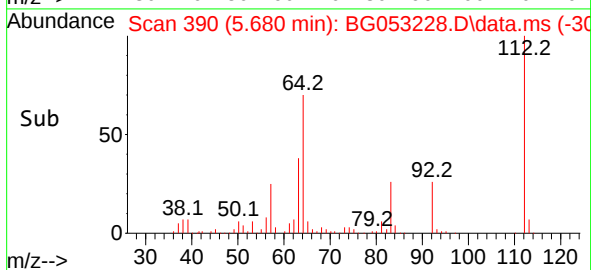
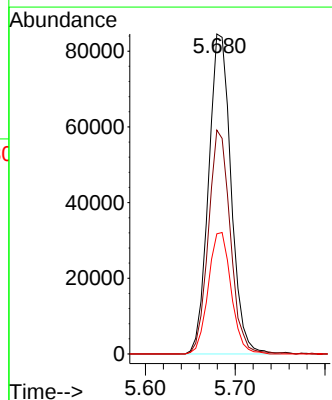
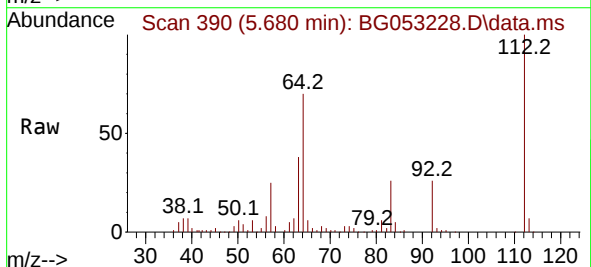
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BNA_G
ClientSampleId :
FB220415

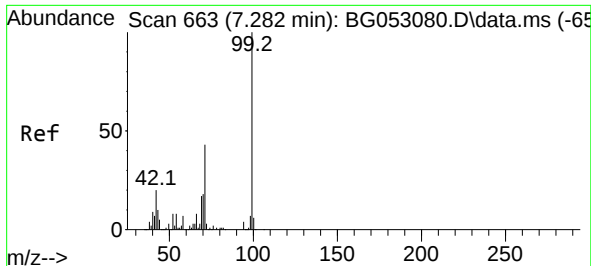
Tgt Ion:152 Resp: 39863
Ion Ratio Lower Upper
152 100
150 149.4 114.6 172.0
115 60.7 45.9 68.9



#5
2-Fluorophenol
Concen: 63.184 ng
RT: 5.680 min Scan# 390
Delta R.T. -0.004 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:112 Resp: 146933
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 37.5 26.5 39.7

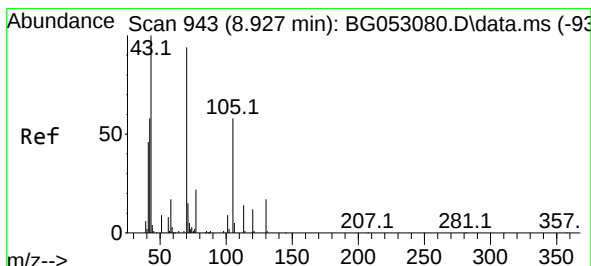
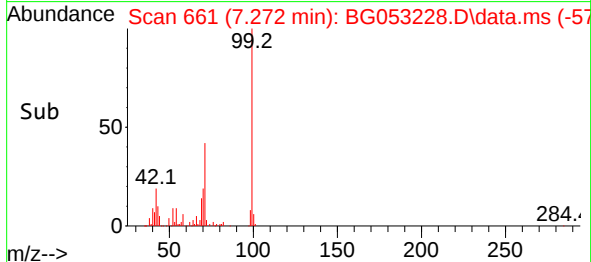
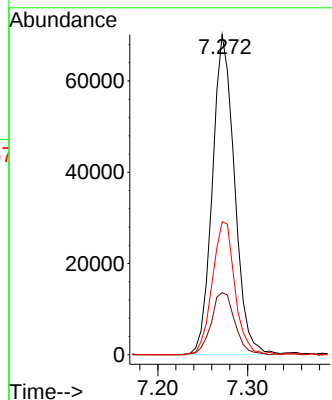
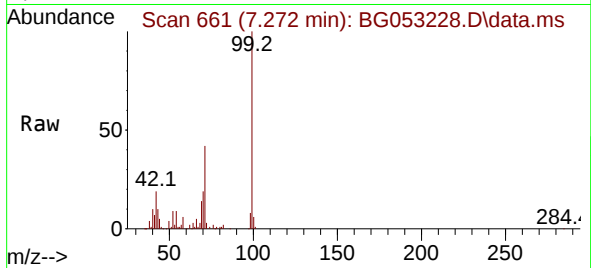




#7
Phenol-d6
Concen: 33.539 ng
RT: 7.272 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

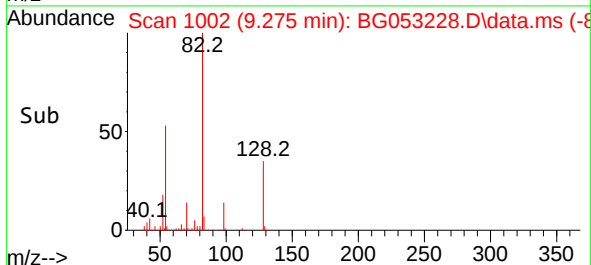
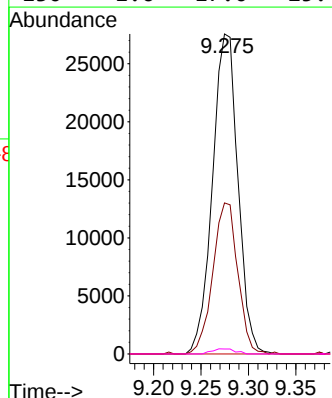
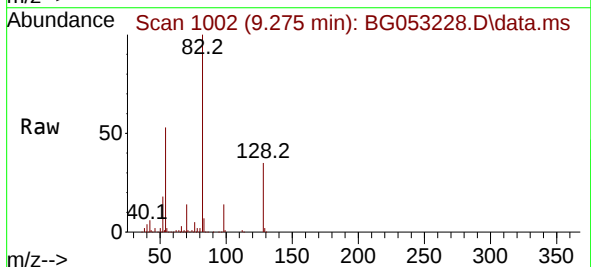
Instrument :
BNA_G
ClientSampleId :
FB220415

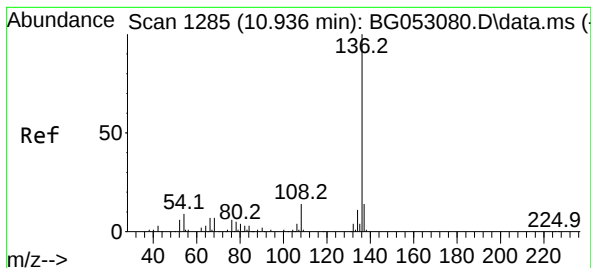
Tgt Ion: 99 Resp: 120277
Ion Ratio Lower Upper
99 100
42 19.4 14.7 22.1
71 41.6 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 19.610 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion: 70 Resp: 51486
Ion Ratio Lower Upper
70 100
42 47.2 46.0 69.0
101 0.0 6.2 9.4#
130 1.6 17.0 25.4#

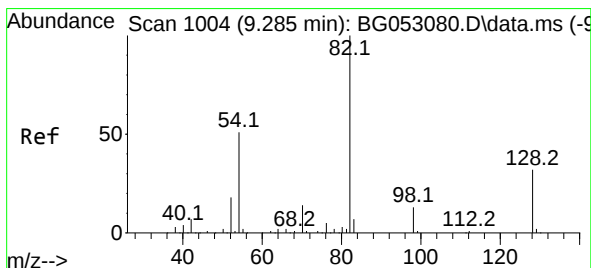
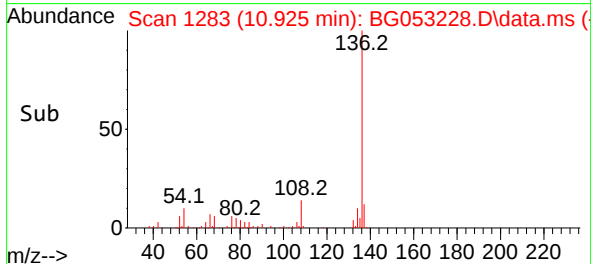
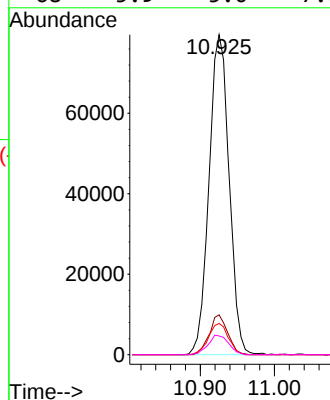
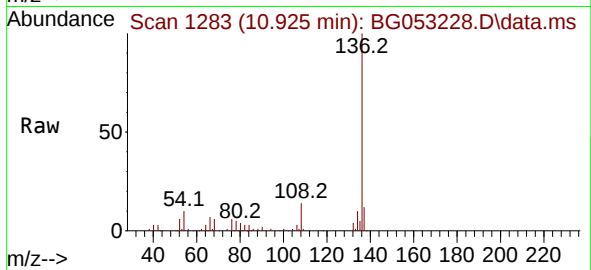




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

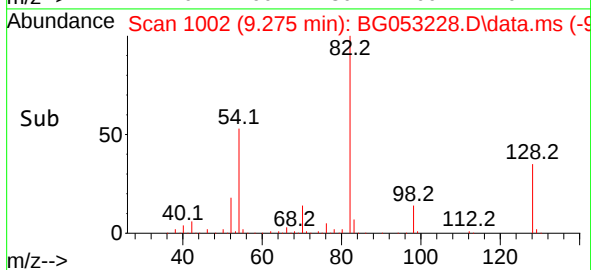
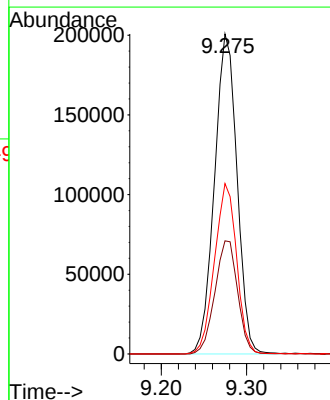
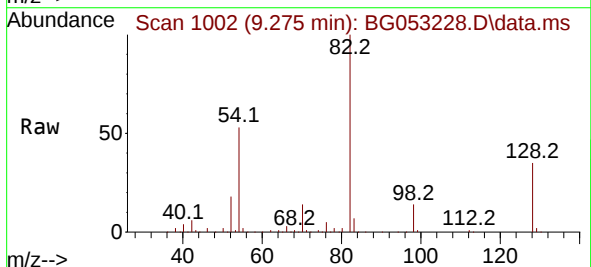
Instrument :
BNA_G
ClientSampleId :
FB220415

Tgt Ion:136 Resp: 149618
Ion Ratio Lower Upper
136 100
137 12.4 9.4 14.2
54 9.7 6.4 9.6#
68 5.9 5.0 7.6



#23
Nitrobenzene-d5
Concen: 99.911 ng
RT: 9.275 min Scan# 1002
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion: 82 Resp: 368159
Ion Ratio Lower Upper
82 100
128 35.4 31.3 46.9
54 53.2 37.8 56.8

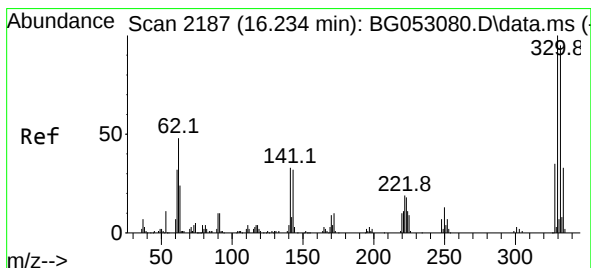
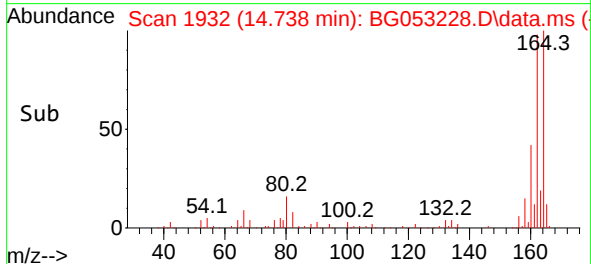
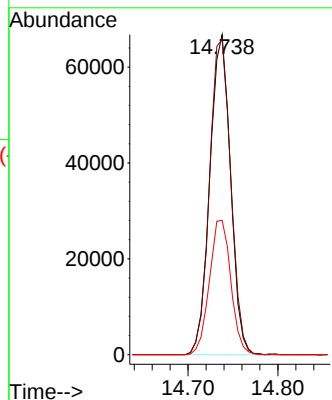
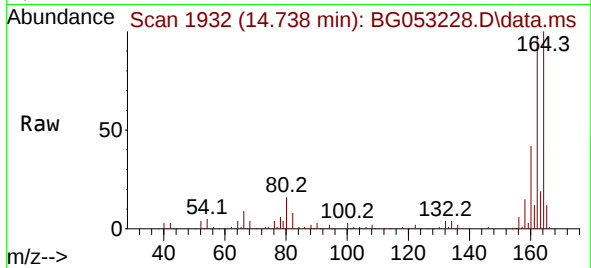




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

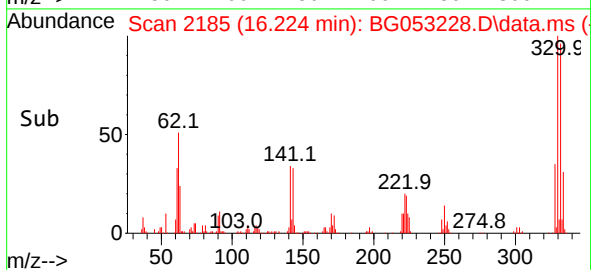
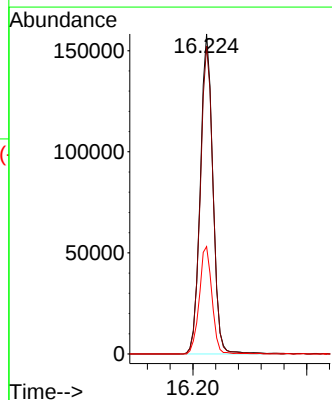
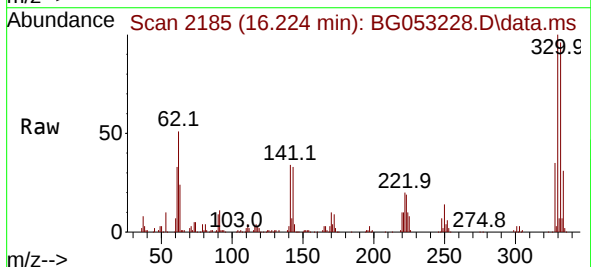
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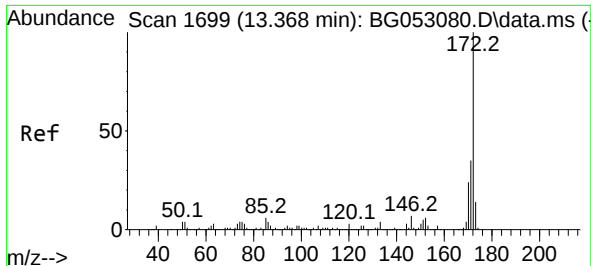
Tgt Ion:164 Resp: 106826
Ion Ratio Lower Upper
164 100
162 98.5 80.0 120.0
160 42.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 143.008 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:330 Resp: 243051
Ion Ratio Lower Upper
330 100
332 97.1 75.8 113.6
141 33.8 24.6 36.8

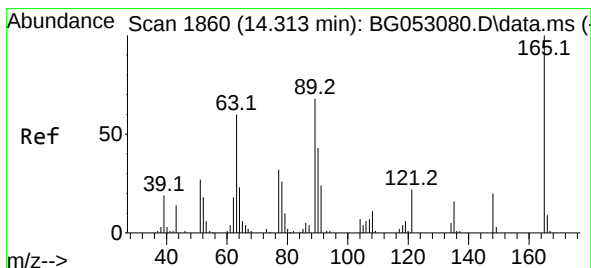
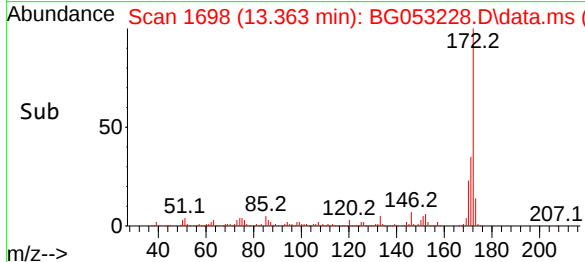
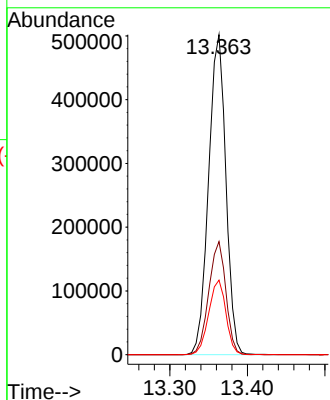
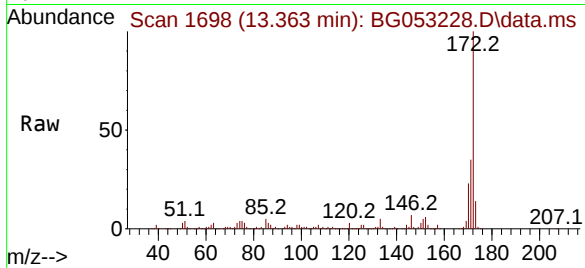




#45
2-Fluorobiphenyl
Concen: 100.399 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

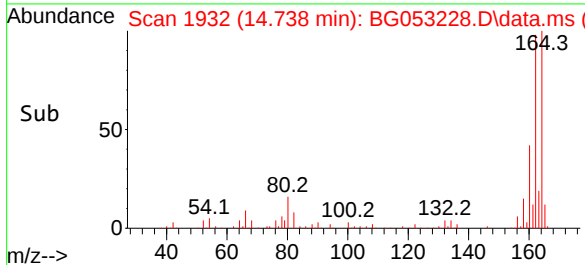
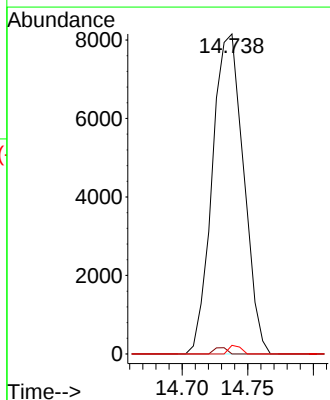
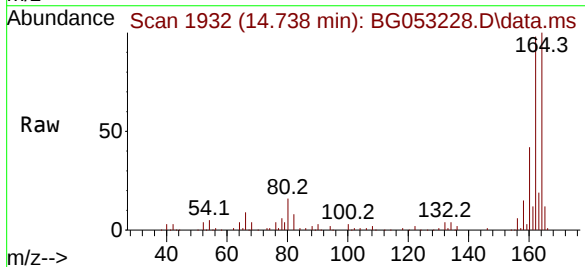
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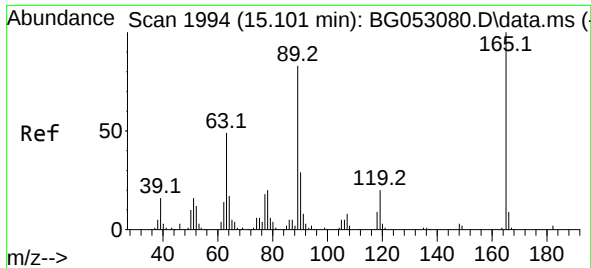
Tgt Ion:172 Resp: 777809
Ion Ratio Lower Upper
172 100
171 35.3 28.3 42.5
170 23.3 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.587 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:165 Resp: 13524
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 2.7 45.0 67.4#

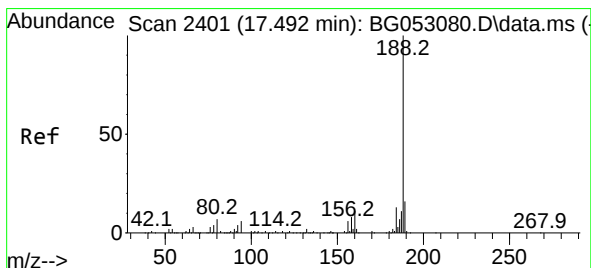
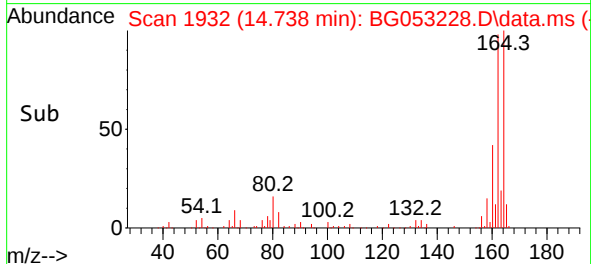
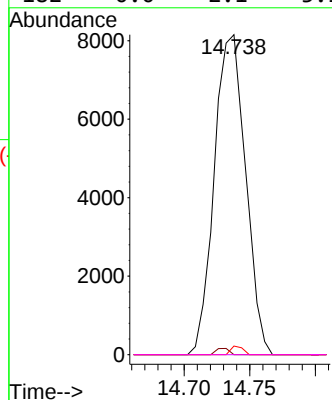
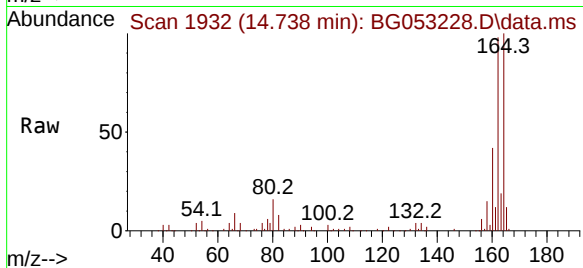




#57
2,4-Dinitrotoluene
Concen: 5.329 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.363 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

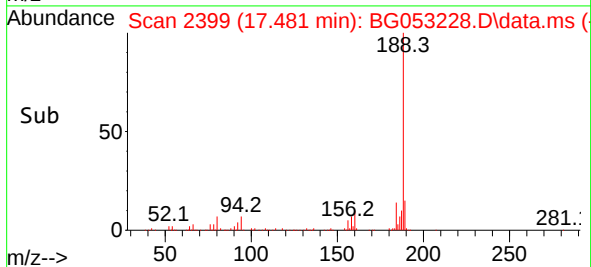
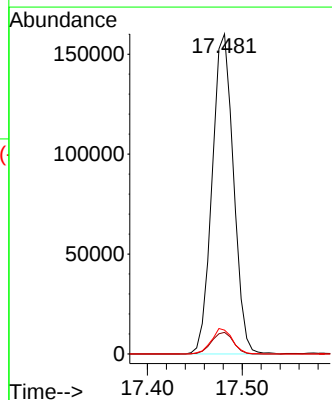
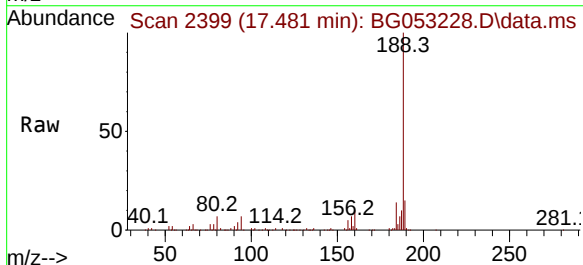
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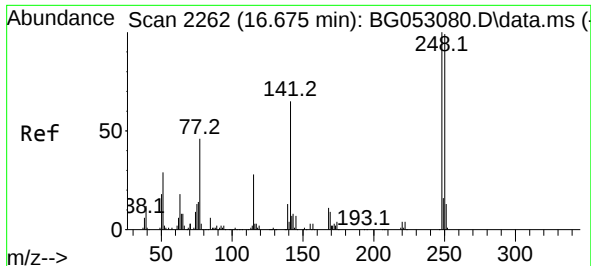
Tgt Ion:165	Resp:	13524
Ion Ratio	Lower	Upper
165	100	
63	0.0	34.8 52.2#
89	2.7	57.4 86.0#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2399
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:188	Resp:	250360
Ion Ratio	Lower	Upper
188	100	
94	6.7	5.7 8.5
80	7.4	7.2 10.8

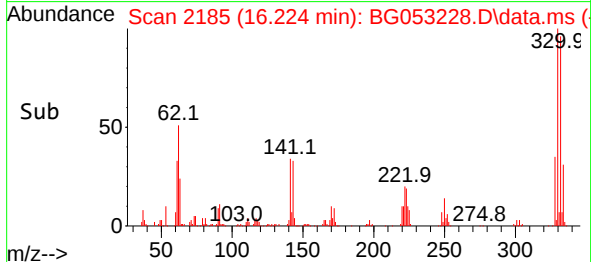
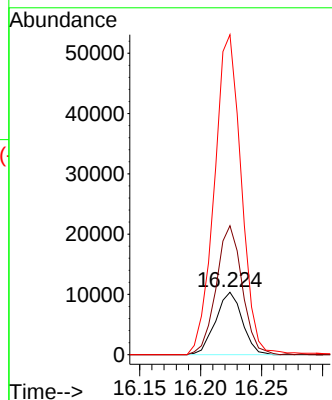
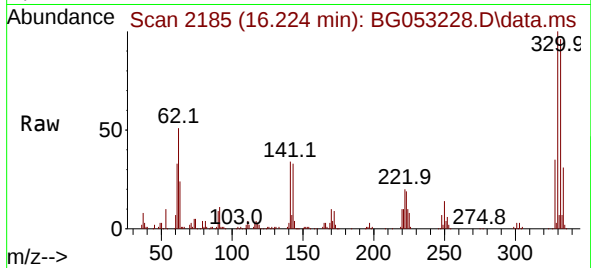




#67
4-Bromophenyl-phenylether
Concen: 4.917 ng
RT: 16.224 min Scan# 21185
Delta R.T. -0.451 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

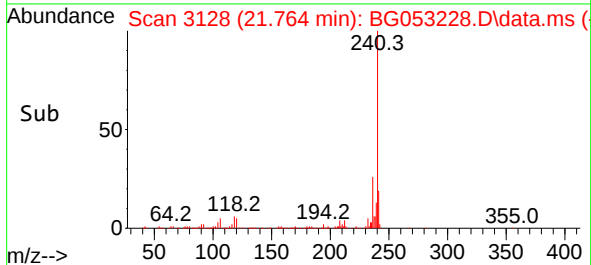
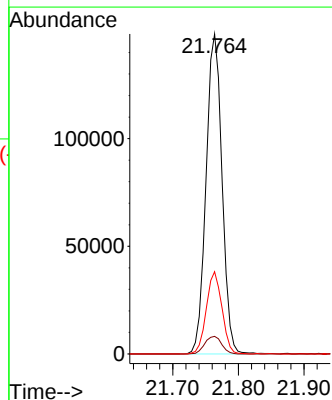
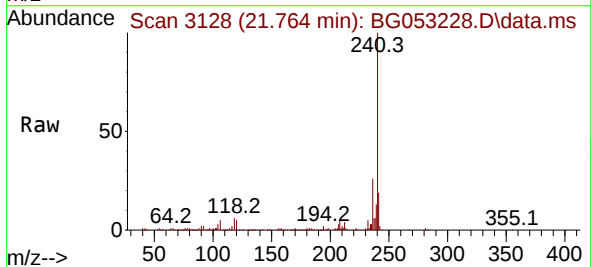
Instrument :
BNA_G
ClientSampleId :
FB220415

Tgt Ion:248 Resp: 15773
Ion Ratio Lower Upper
248 100
250 206.5 77.9 116.9#
141 512.5 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:240 Resp: 251925
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 25.7 19.8 29.6

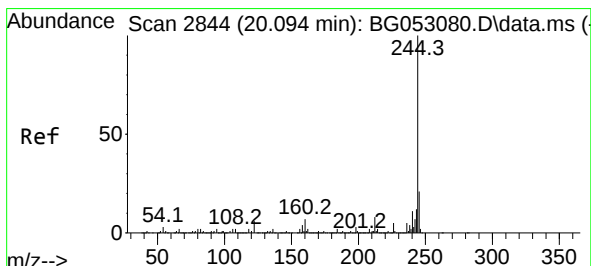
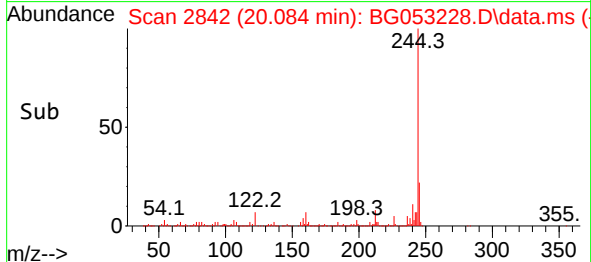
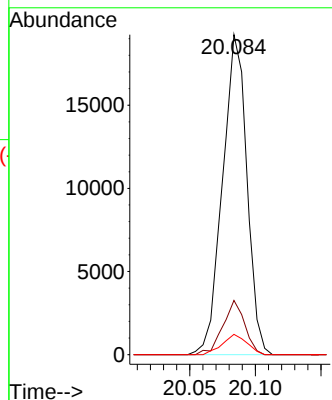
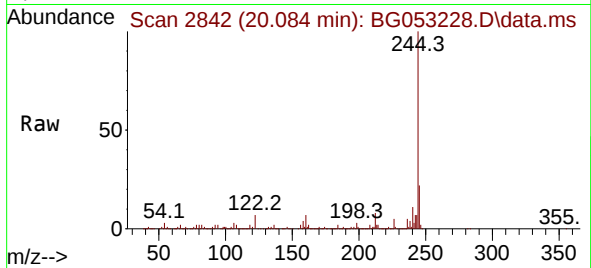




#77
Benzidine
Concen: 3.449 ng
RT: 20.084 min Scan# 2842
Delta R.T. 0.372 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

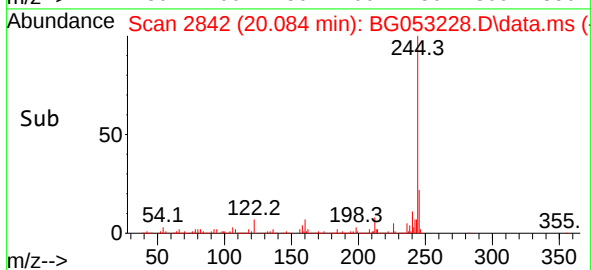
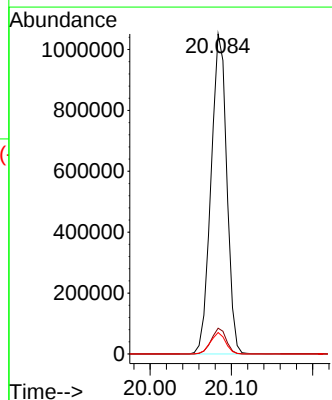
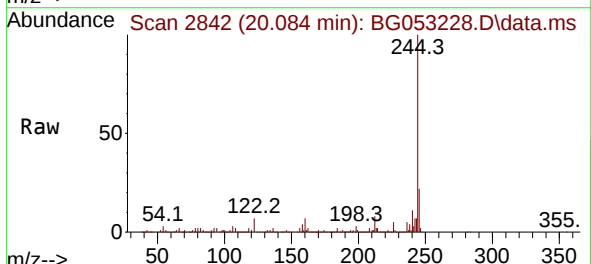
Instrument :
BNA_G
ClientSampleId :
FB220415

Tgt Ion:184 Resp: 24793
Ion Ratio Lower Upper
184 100
185 16.9 11.5 17.3
183 6.3 9.4 14.2#



#79
Terphenyl-d14
Concen: 94.803 ng
RT: 20.084 min Scan# 2842
Delta R.T. -0.010 min
Lab File: BG053228.D
Acq: 20 Apr 2022 23:06

Tgt Ion:244 Resp: 1414128
Ion Ratio Lower Upper
244 100
212 8.1 5.4 8.2
122 6.7 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.065 min Scan# 30
 Delta R.T. -0.010 min
 Lab File: BG053228.D
 Acq: 20 Apr 2022 23:06

Instrument :
 BNA_G
 ClientSampleId :
 FB220415

Tgt Ion:264 Resp: 249561

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	21.5	15.1	22.7

