

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041822\
 Data File : BG053188.D
 Acq On : 18 Apr 2022 20:13
 Operator : CG/JU
 Sample : N2444-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Quant Time: Apr 19 04:21:33 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)

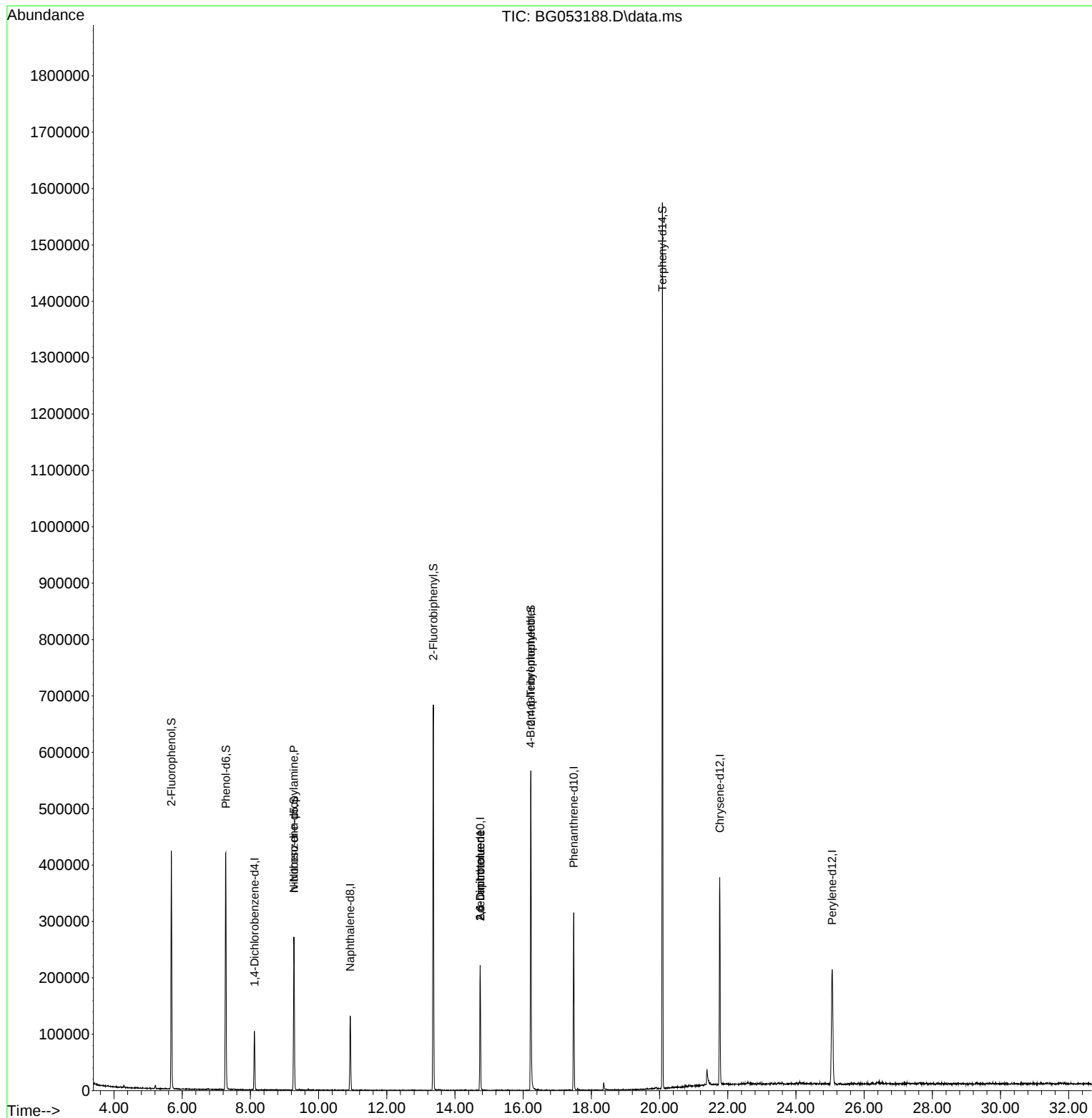
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.117	152	29651	20.000	ng	0.00
21) Naphthalene-d8	10.925	136	112277	20.000	ng	-0.01
39) Acenaphthene-d10	14.738	164	82375	20.000	ng	-0.01
64) Phenanthrene-d10	17.481	188	202216	20.000	ng	-0.01
76) Chrysene-d12	21.764	240	245676	20.000	ng	-0.01
86) Perylene-d12	25.059	264	244538	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.679	112	173093	100.068	ng	0.00
7) Phenol-d6	7.277	99	244346	91.603	ng	0.00
23) Nitrobenzene-d5	9.275	82	173976	62.916	ng	-0.01
42) 2,4,6-Tribromophenol	16.224	330	120057	91.608	ng	-0.01
45) 2-Fluorobiphenyl	13.363	172	370282	61.983	ng	0.00
79) Terphenyl-d14	20.083	244	786316	54.055	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.275	70	24325	12.456	ng	# 75
51) 2,6-Dinitrotoluene	14.738	165	10965	7.977	ng	# 24
57) 2,4-Dinitrotoluene	14.738	165	10965	5.603	ng	# 22
67) 4-Bromophenyl-phenylether	16.218	248	7734	2.985	ng	# 1

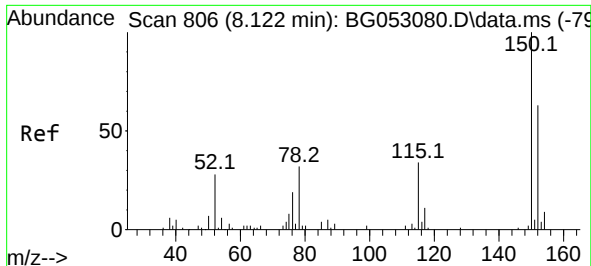
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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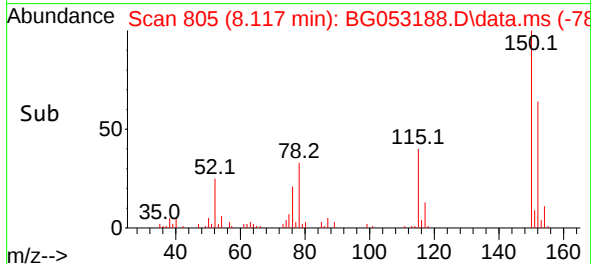
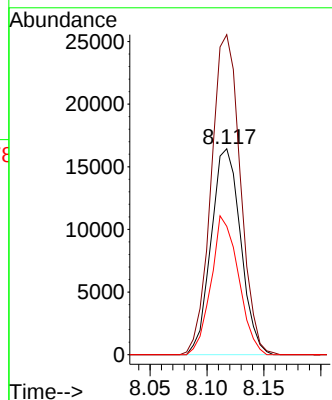
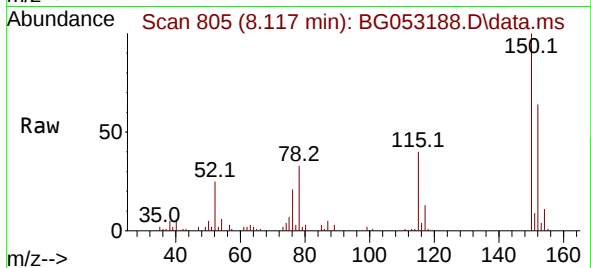




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.117 min Scan# 806
Delta R.T. -0.005 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

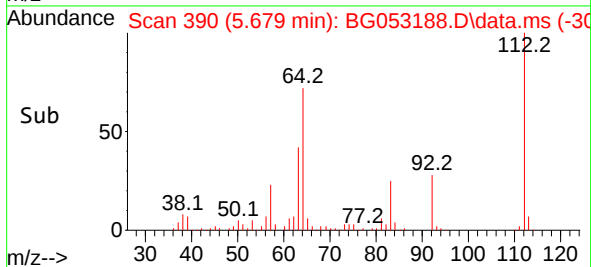
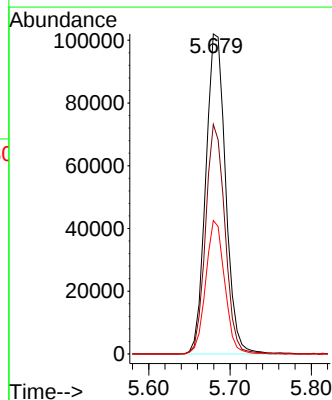
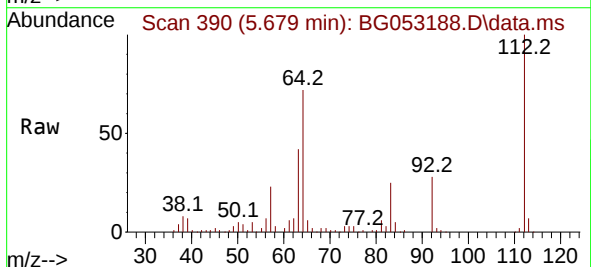
Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:152 Resp: 29651
Ion Ratio Lower Upper
152 100
150 155.5 114.6 172.0
115 62.4 45.9 68.9



#5
2-Fluorophenol
Concen: 100.068 ng
RT: 5.679 min Scan# 390
Delta R.T. -0.005 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion:112 Resp: 173093
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 41.7 26.5 39.7#

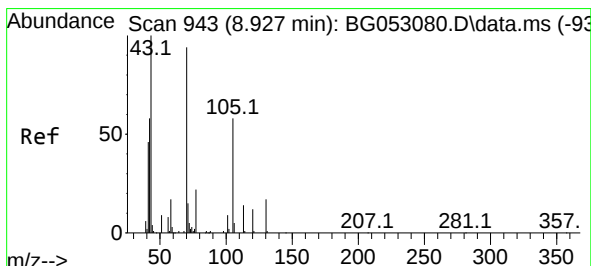
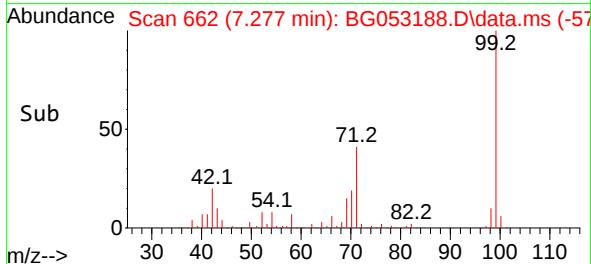
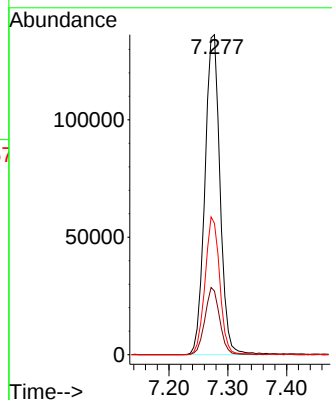
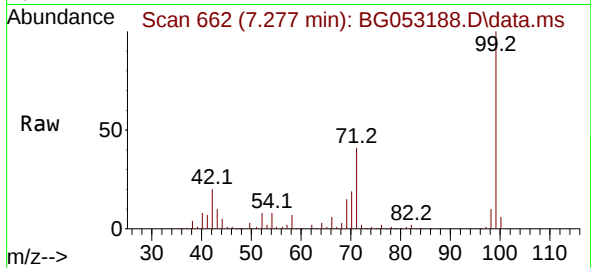




#7
Phenol-d6
Concen: 91.603 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.005 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

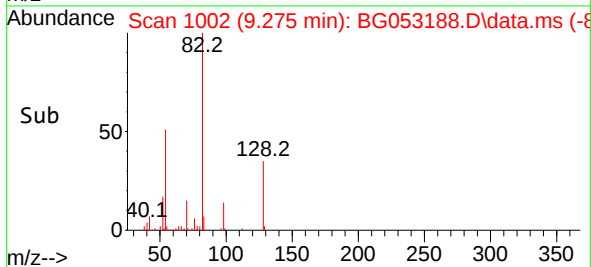
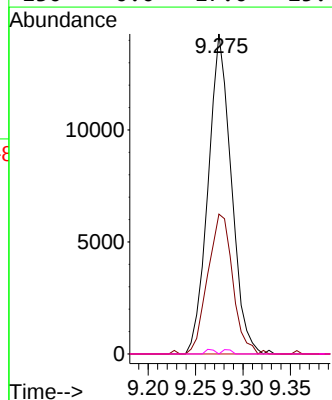
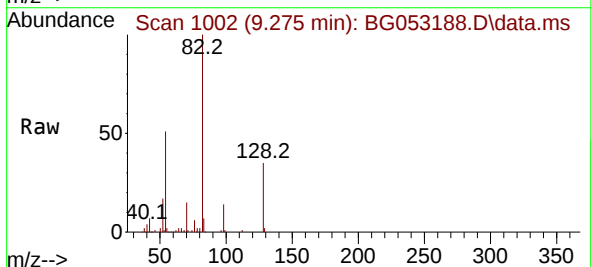
Instrument :
BNA_G
ClientSampleId :
SB-2

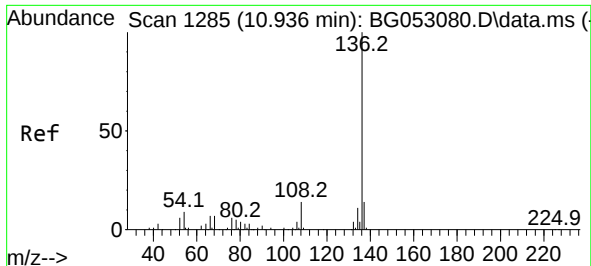
Tgt Ion: 99 Resp: 244346
Ion Ratio Lower Upper
99 100
42 19.9 14.7 22.1
71 41.0 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.456 ng
RT: 9.275 min Scan# 1002
Delta R.T. 0.348 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 70 Resp: 24325
Ion Ratio Lower Upper
70 100
42 43.7 46.0 69.0#
101 0.0 6.2 9.4#
130 0.0 17.0 25.4#

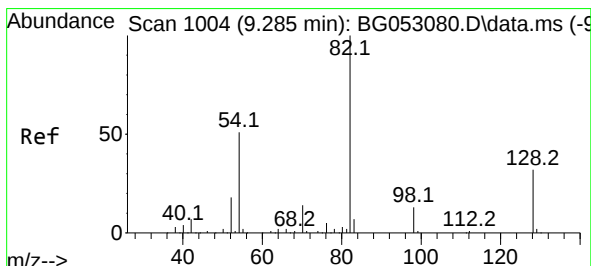
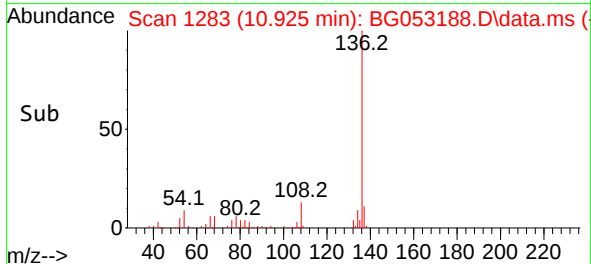
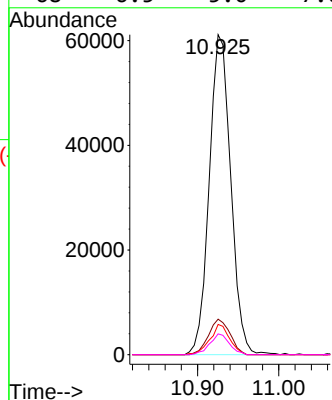
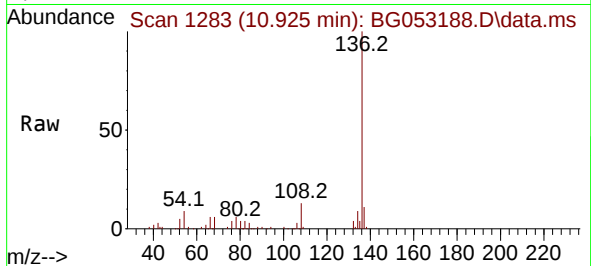




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.925 min Scan# 11
Delta R.T. -0.011 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

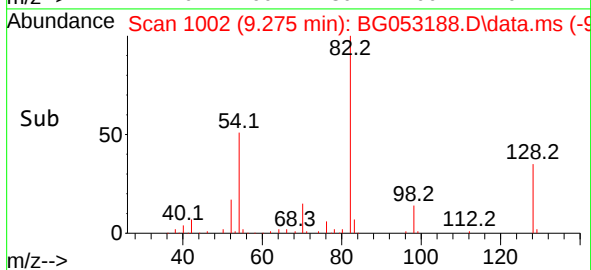
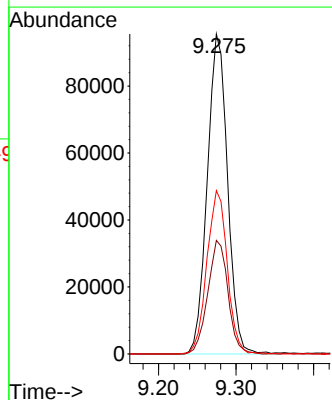
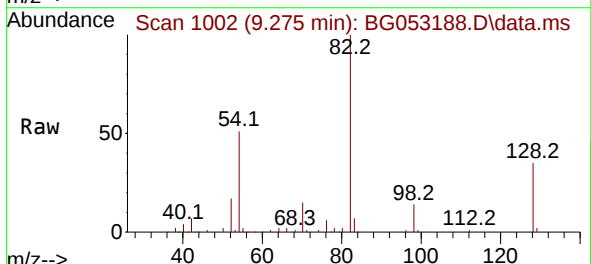
Instrument :
BNA_G
ClientSampleId :
SB-2

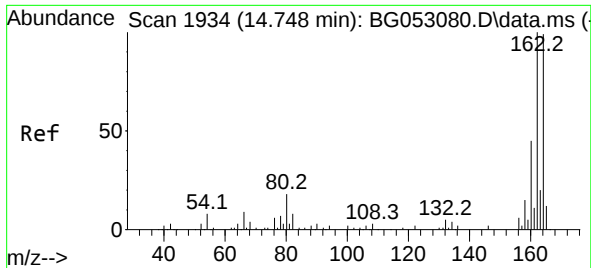
Tgt Ion:136	Resp: 112277
Ion Ratio	Lower Upper
136 100	
137 11.1	9.4 14.2
54 9.4	6.4 9.6
68 6.5	5.0 7.6



#23
Nitrobenzene-d5
Concen: 62.916 ng
RT: 9.275 min Scan# 1002
Delta R.T. -0.010 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion: 82	Resp: 173976
Ion Ratio	Lower Upper
82 100	
128 35.5	31.3 46.9
54 51.0	37.8 56.8

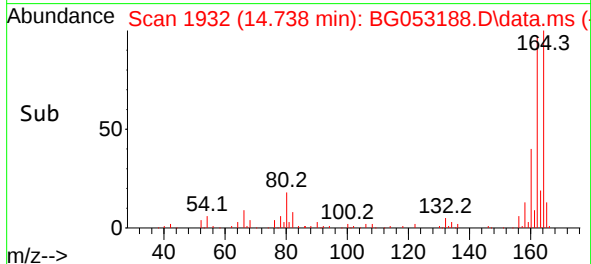
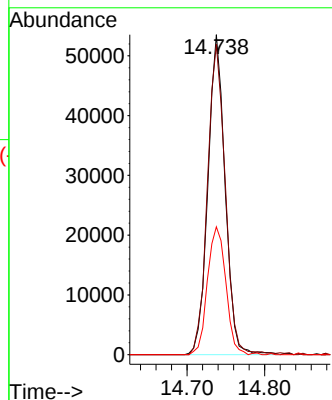
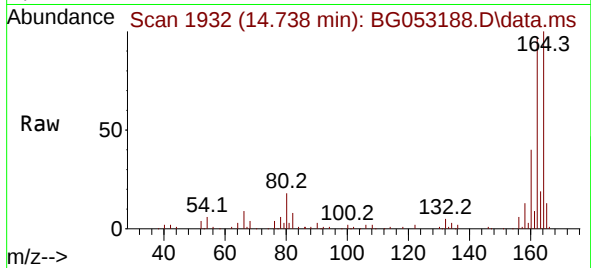




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.010 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

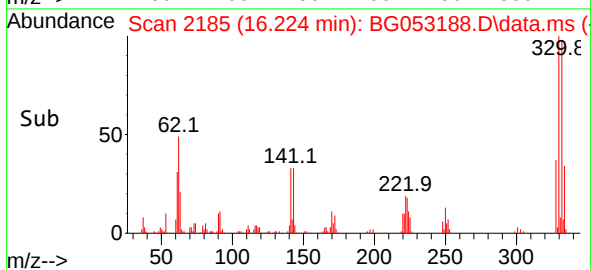
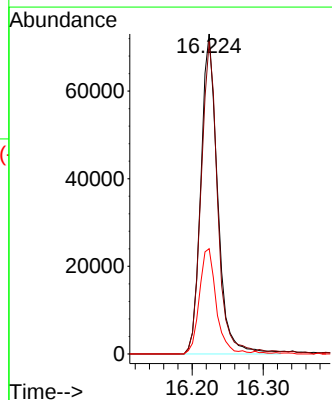
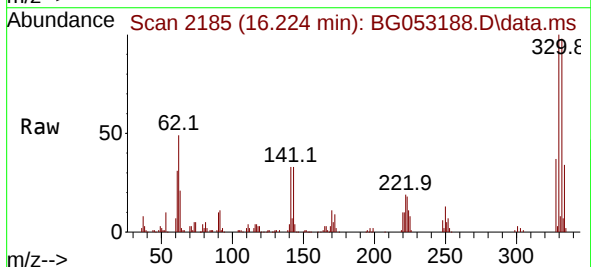
Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:164 Resp: 82375
Ion Ratio Lower Upper
164 100
162 97.0 80.0 120.0
160 40.0 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 91.608 ng
RT: 16.224 min Scan# 2185
Delta R.T. -0.010 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion:330 Resp: 120057
Ion Ratio Lower Upper
330 100
332 95.8 75.8 113.6
141 33.2 24.6 36.8

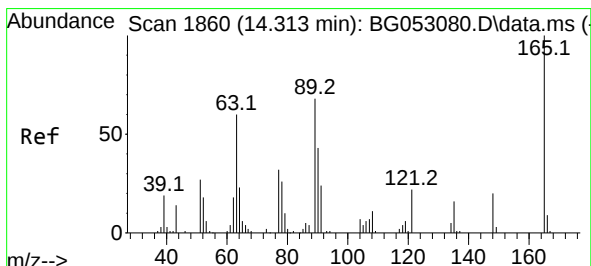
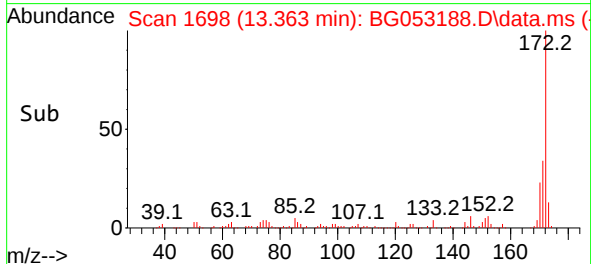
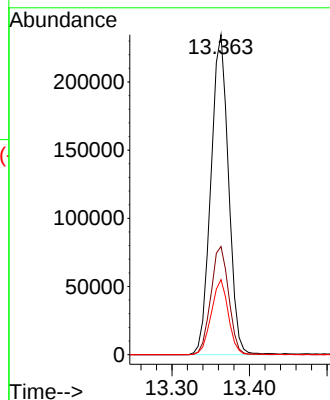
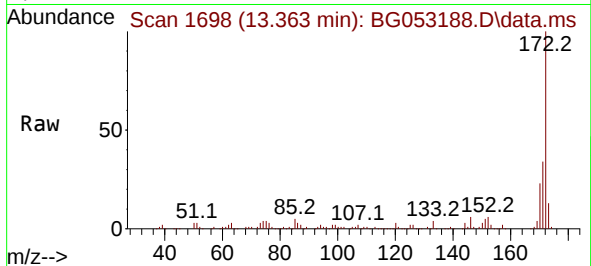




#45
2-Fluorobiphenyl
Concen: 61.983 ng
RT: 13.363 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

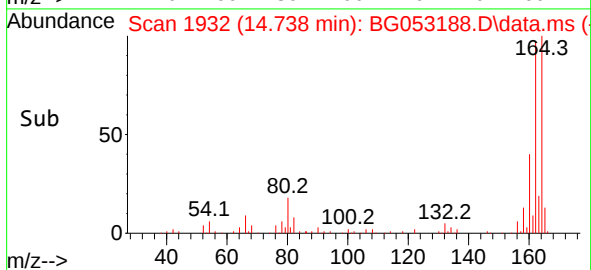
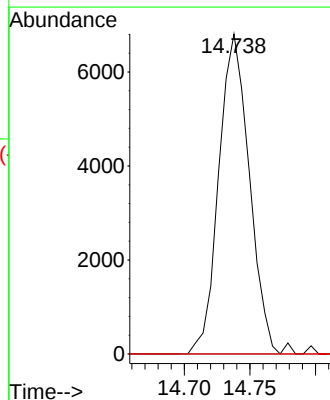
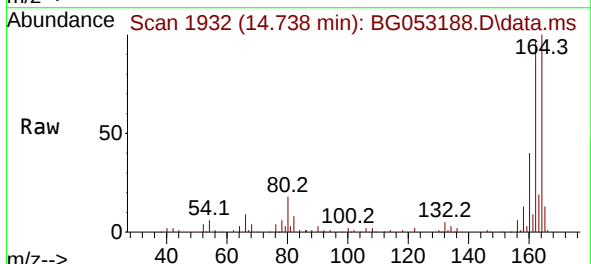
Instrument :
BNA_G
ClientSampleId :
SB-2

Tgt Ion:172 Resp: 370282
Ion Ratio Lower Upper
172 100
171 33.8 28.3 42.5
170 23.5 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.977 ng
RT: 14.738 min Scan# 1932
Delta R.T. 0.424 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion:165 Resp: 10965
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

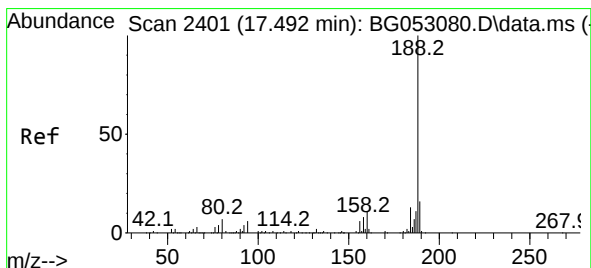
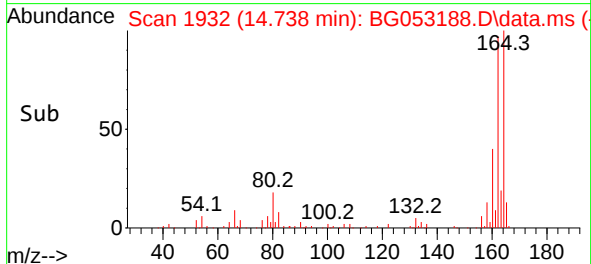
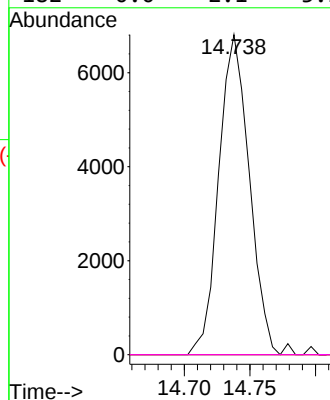
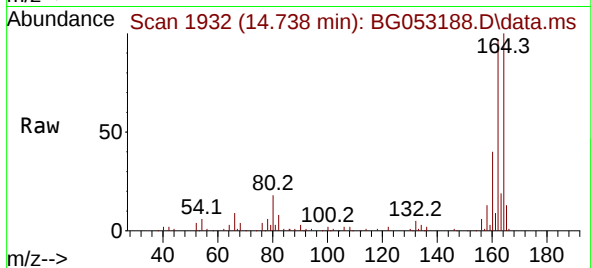




#57
2,4-Dinitrotoluene
Concen: 5.603 ng
RT: 14.738 min Scan# 1932
Delta R.T. -0.363 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

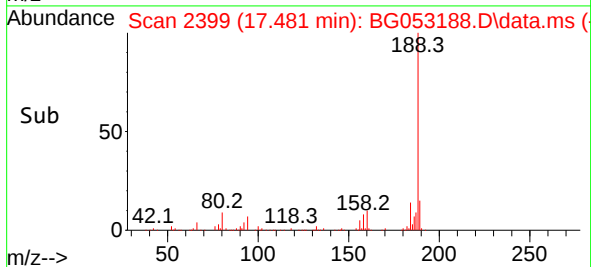
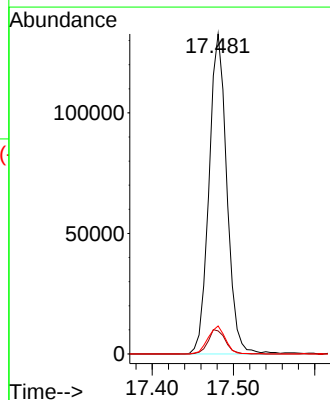
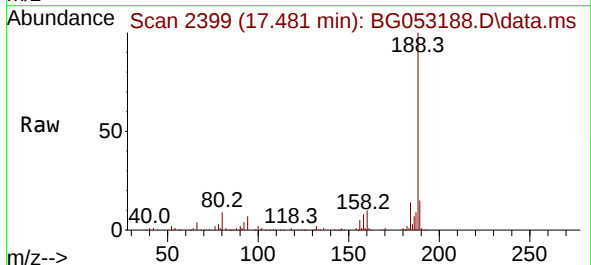
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BNA_G
ClientSampleId :
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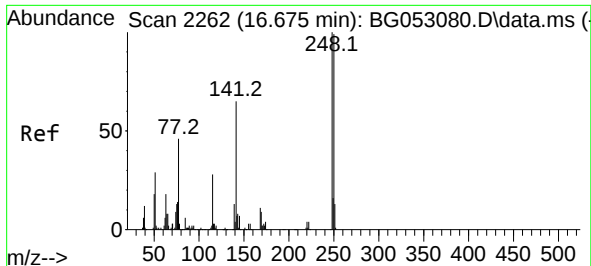
Tgt Ion:165 Resp: 10965
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.481 min Scan# 2399
Delta R.T. -0.010 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion:188 Resp: 202216
Ion Ratio Lower Upper
188 100
94 7.2 5.7 8.5
80 8.7 7.2 10.8

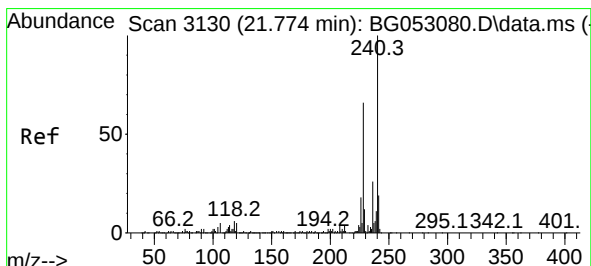
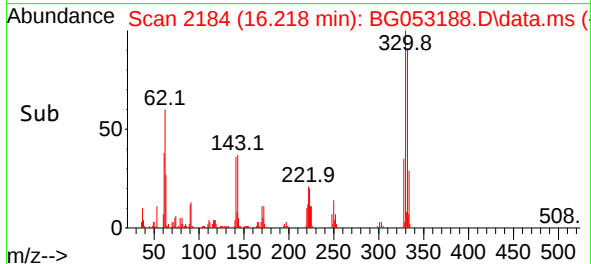
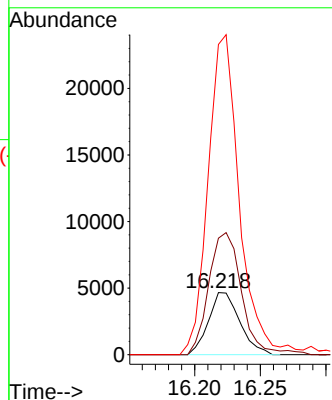
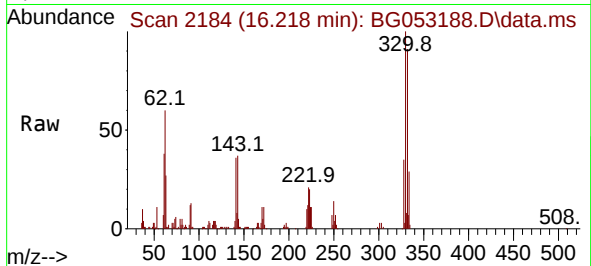




#67
4-Bromophenyl-phenylether
Concen: 2.985 ng
RT: 16.218 min Scan# 2118
Delta R.T. -0.457 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

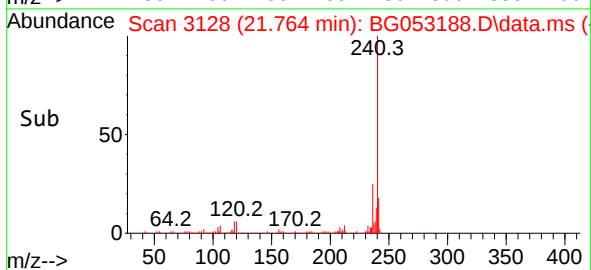
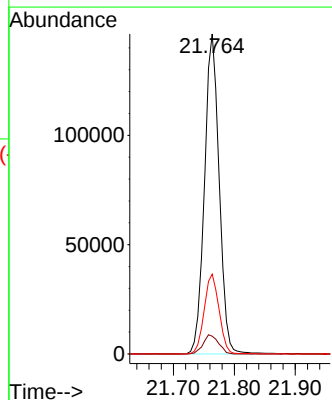
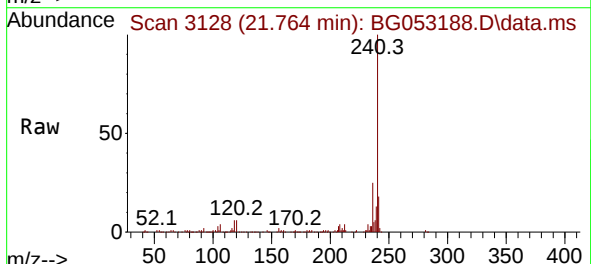
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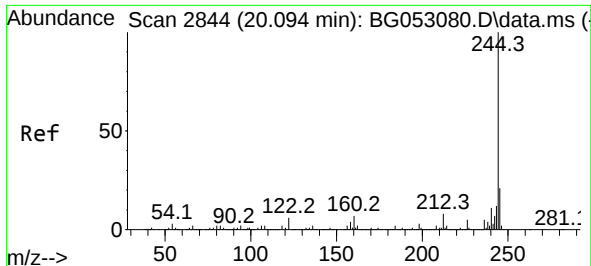
Tgt Ion:248 Resp: 7734
Ion Ratio Lower Upper
248 100
250 187.5 77.9 116.9#
141 499.3 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.764 min Scan# 3128
Delta R.T. -0.010 min
Lab File: BG053188.D
Acq: 18 Apr 2022 20:13

Tgt Ion:240 Resp: 245676
Ion Ratio Lower Upper
240 100
120 5.5 5.4 8.0
236 25.0 19.8 29.6

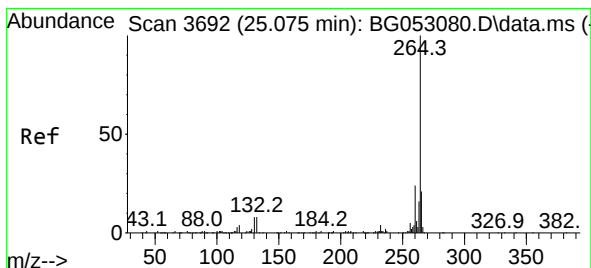
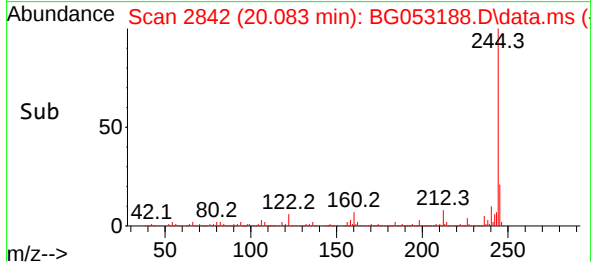
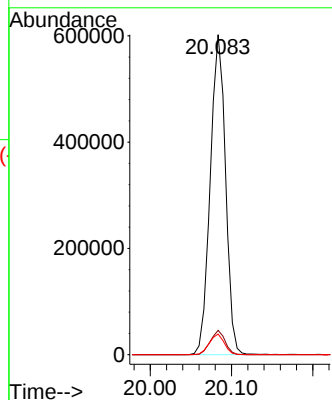
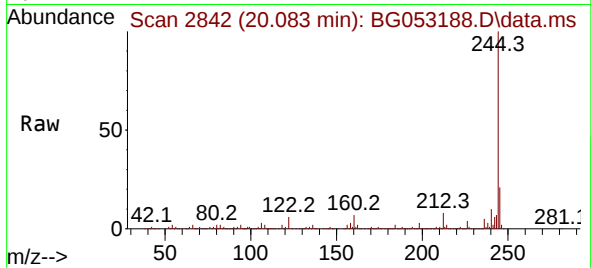




#79
 Terphenyl-d14
 Concen: 54.055 ng
 RT: 20.083 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG053188.D
 Acq: 18 Apr 2022 20:13

Instrument :
 BNA_G
 ClientSampleId :
 SB-2

Tgt Ion:244 Resp: 786316
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.4 8.2
 122 6.5 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.059 min Scan# 3689
 Delta R.T. -0.016 min
 Lab File: BG053188.D
 Acq: 18 Apr 2022 20:13

Tgt Ion:264 Resp: 244538
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.2
 265 21.9 15.1 22.7

