

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041522\
 Data File : BG053175.D
 Acq On : 15 Apr 2022 21:54
 Operator : CG/JU
 Sample : N2434-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RECOVERED-CRUSHED-AGG

Quant Time: Apr 18 03:18:44 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)

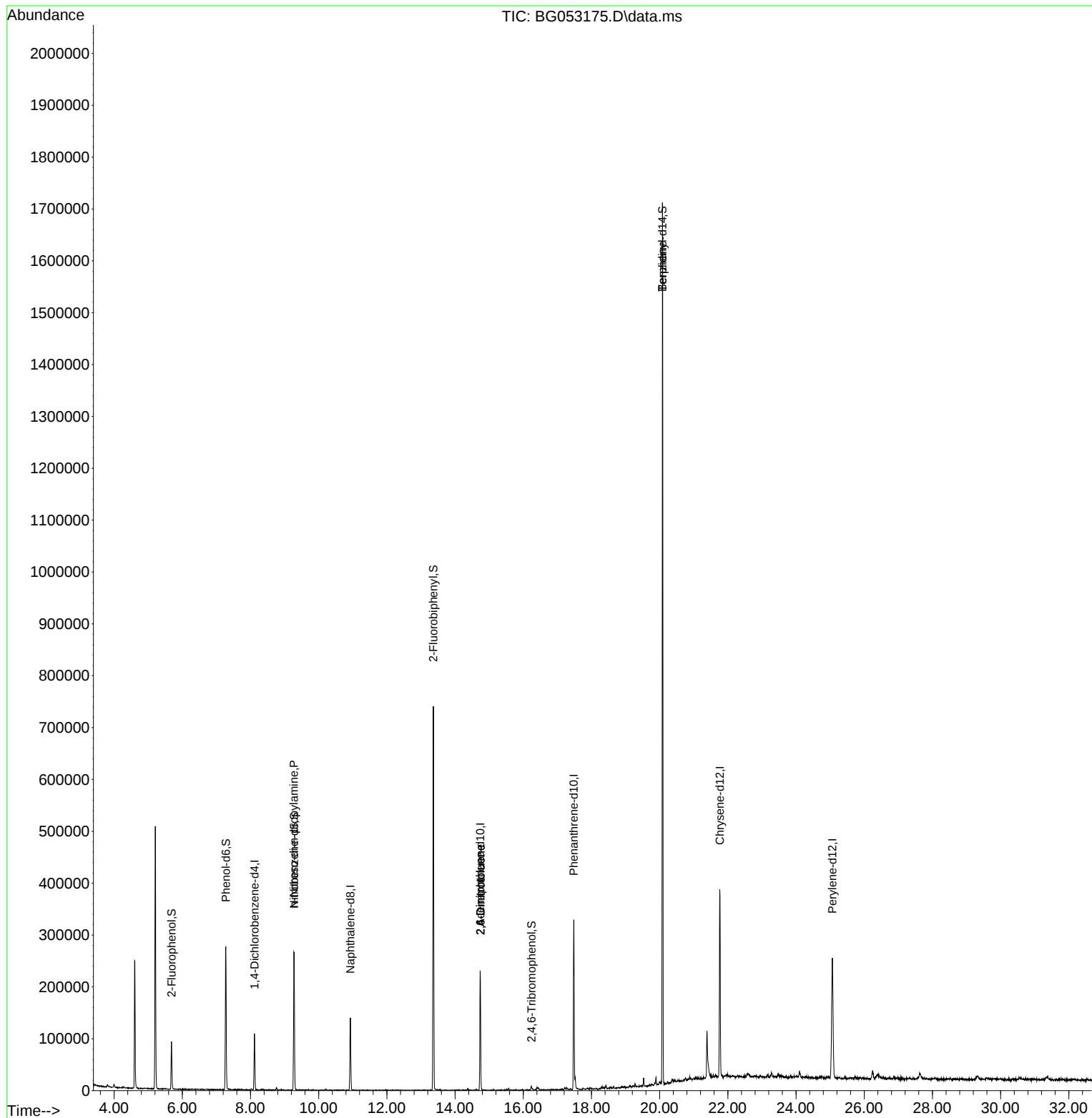
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	29089	20.000	ng	0.00
21) Naphthalene-d8	10.930	136	112206	20.000	ng	0.00
39) Acenaphthene-d10	14.737	164	83634	20.000	ng	-0.01
64) Phenanthrene-d10	17.480	188	220678	20.000	ng	-0.01
76) Chrysene-d12	21.762	240	235569	20.000	ng	-0.01
86) Perylene-d12	25.064	264	251438	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.684	112	38927	22.939	ng	0.00
7) Phenol-d6	7.276	99	159966	61.128	ng	0.00
23) Nitrobenzene-d5	9.279	82	172755	62.514	ng	0.00
42) 2,4,6-Tribromophenol	16.241	330	2664	2.002	ng	0.00
45) 2-Fluorobiphenyl	13.362	172	393432	64.867	ng	0.00
79) Terphenyl-d14	20.082	244	882735	63.287	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.273	70	23960	12.506	ng	# 74
51) 2,6-Dinitrotoluene	14.743	165	11435	8.194	ng	# 24
57) 2,4-Dinitrotoluene	14.743	165	11435	5.755	ng	# 22
77) Benzidine	20.082	184	15112	2.248	ng	# 89

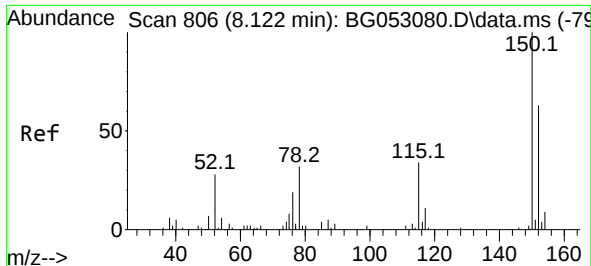
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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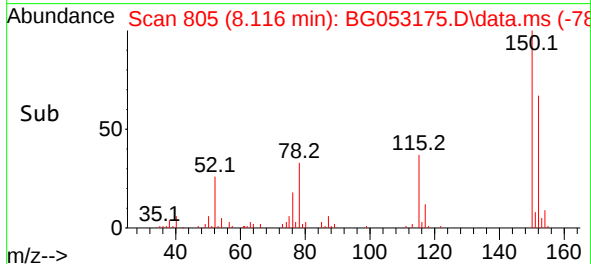
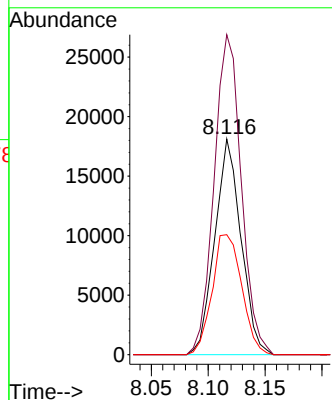
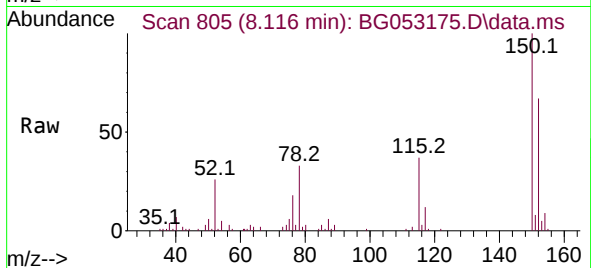




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.116 min Scan# 806
Delta R.T. -0.006 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

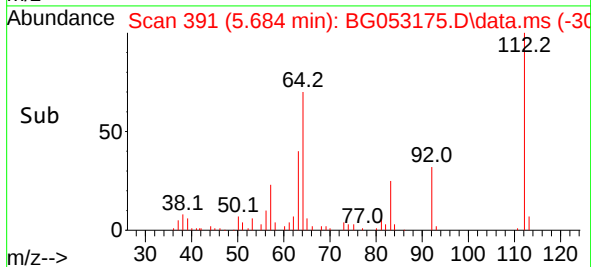
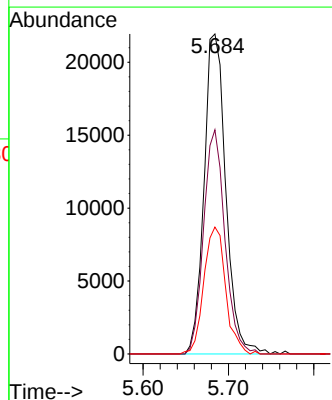
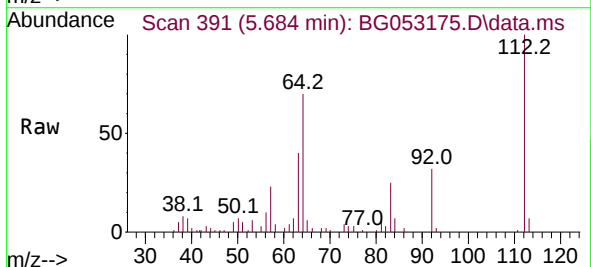
Instrument :
BNA_G
ClientSampleId :
RECOVERED-CRUSHED-AGG

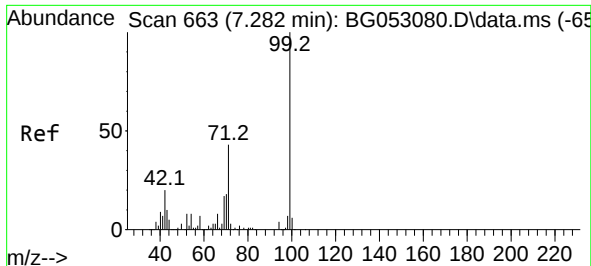
Tgt Ion:152 Resp: 29089
Ion Ratio Lower Upper
152 100
150 148.4 114.6 172.0
115 55.6 45.9 68.9



#5
2-Fluorophenol
Concen: 22.939 ng
RT: 5.684 min Scan# 391
Delta R.T. 0.000 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

Tgt Ion:112 Resp: 38927
Ion Ratio Lower Upper
112 100
64 70.0 48.0 72.0
63 39.7 26.5 39.7

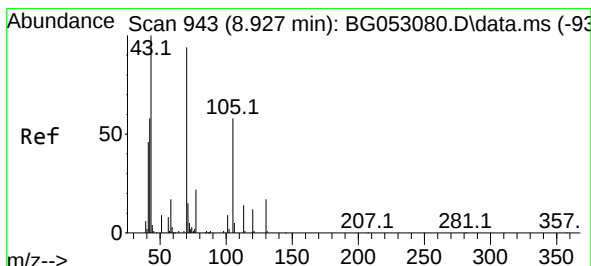
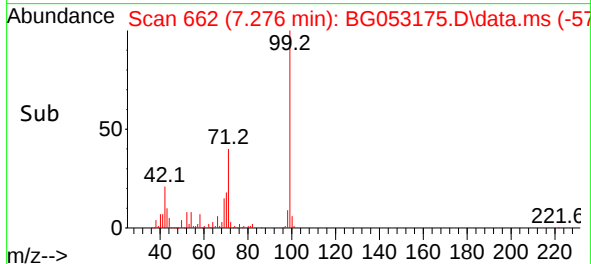
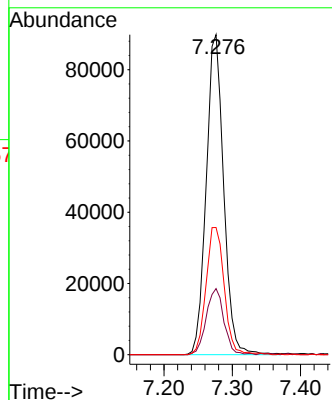
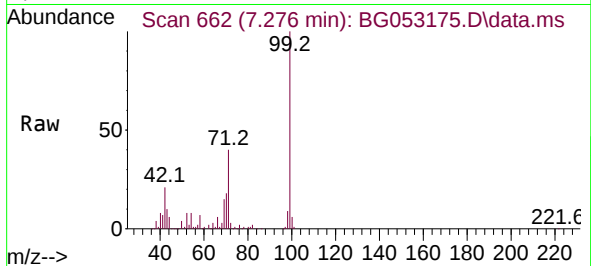




#7
Phenol-d6
Concen: 61.128 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.006 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

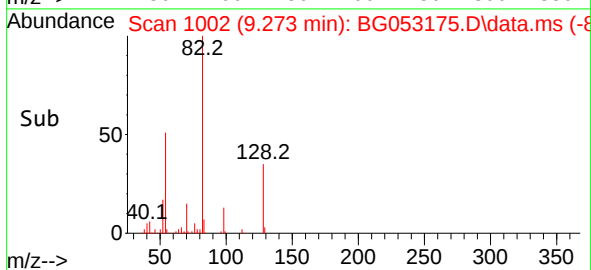
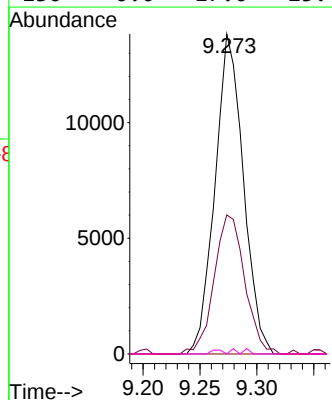
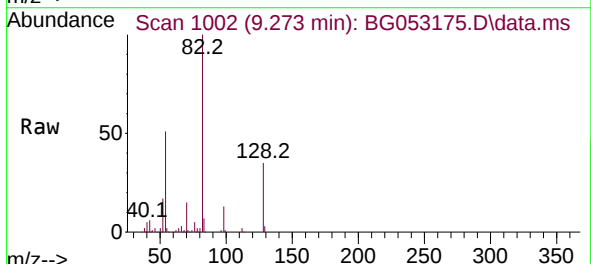
Instrument :
BNA_G
ClientSampleId :
RECOVERED-CRUSHED-AGG

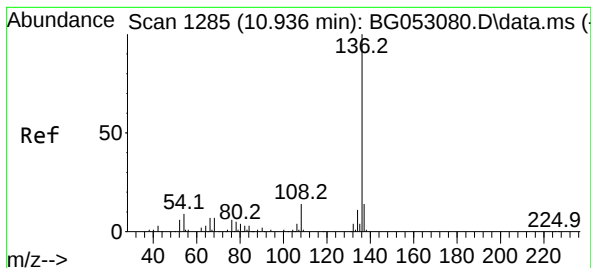
Tgt Ion: 99 Resp: 159966
Ion Ratio Lower Upper
99 100
42 20.6 14.7 22.1
71 39.7 29.2 43.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.506 ng
RT: 9.273 min Scan# 1002
Delta R.T. 0.347 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

Tgt Ion: 70 Resp: 23960
Ion Ratio Lower Upper
70 100
42 43.4 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: 10.930 min Scan# 11

Delta R.T. -0.006 min

Lab File: BG053175.D

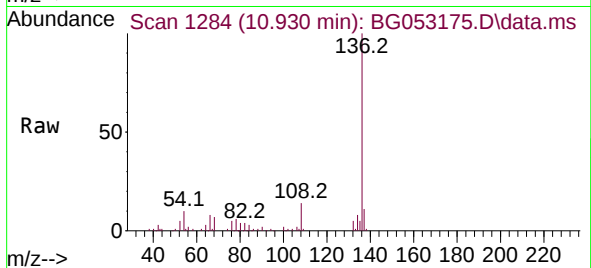
Acq: 15 Apr 2022 21:54

Instrument :

BNA_G

ClientSampleId :

RECOVERED-CRUSHED-AGG



Tgt Ion:136 Resp: 112206

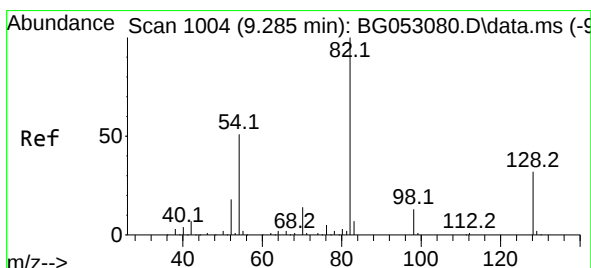
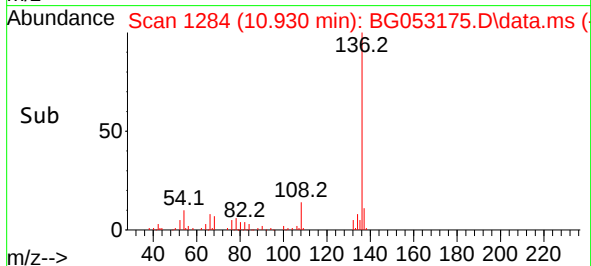
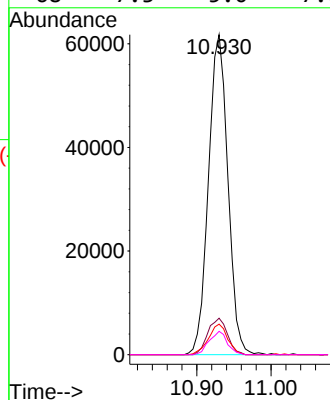
Ion Ratio Lower Upper

136 100

137 11.4 9.4 14.2

54 9.6 6.4 9.6

68 7.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 62.514 ng

RT: 9.279 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BG053175.D

Acq: 15 Apr 2022 21:54

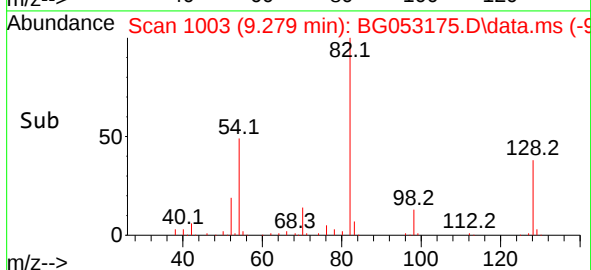
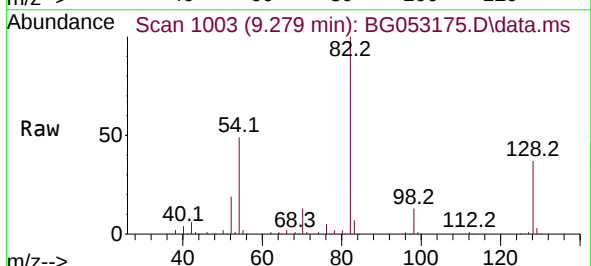
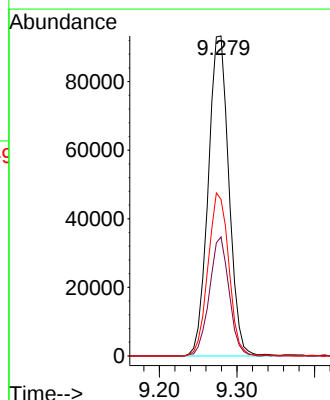
Tgt Ion: 82 Resp: 172755

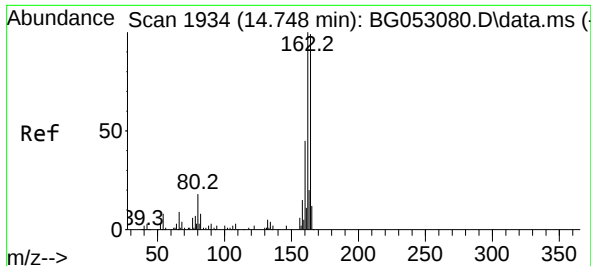
Ion Ratio Lower Upper

82 100

128 37.2 31.3 46.9

54 48.9 37.8 56.8

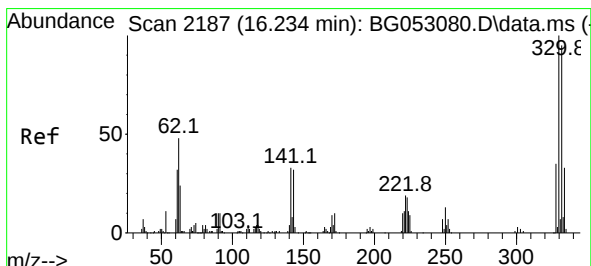
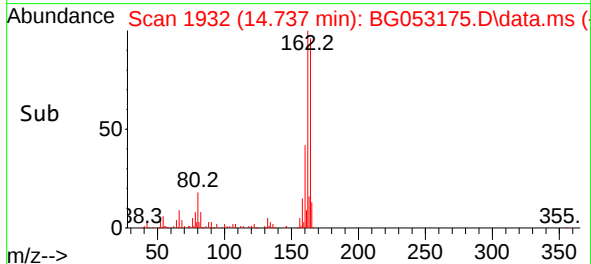
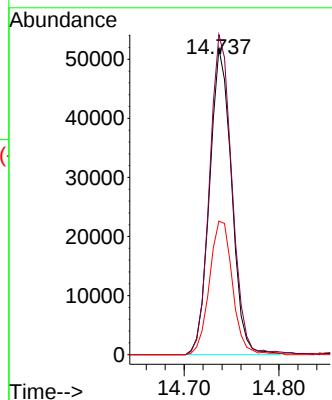
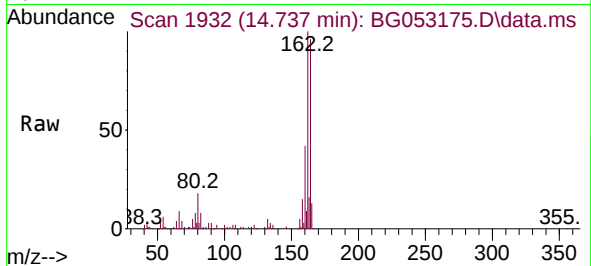




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.737 min Scan# 1932
Delta R.T. -0.012 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

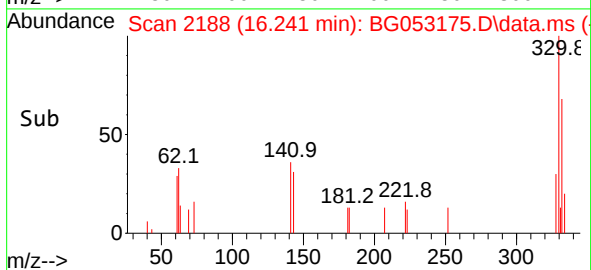
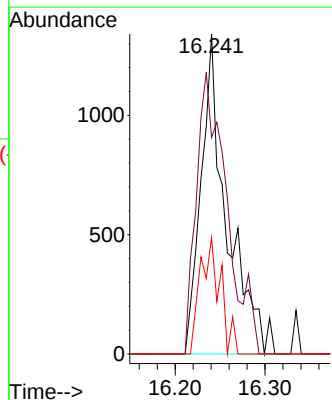
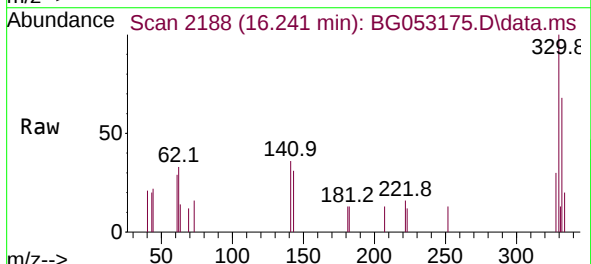
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Tgt Ion:164 Resp: 83634
Ion Ratio Lower Upper
164 100
162 104.4 80.0 120.0
160 43.6 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 2.002 ng
RT: 16.241 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

Tgt Ion:330 Resp: 2664
Ion Ratio Lower Upper
330 100
332 103.7 75.8 113.6
141 28.5 24.6 36.8

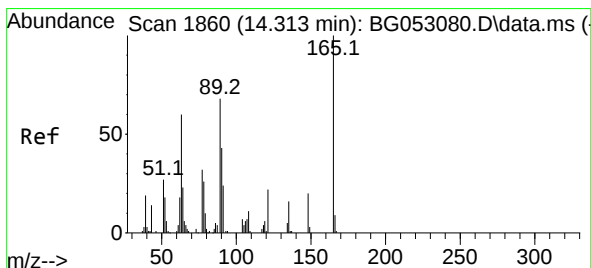
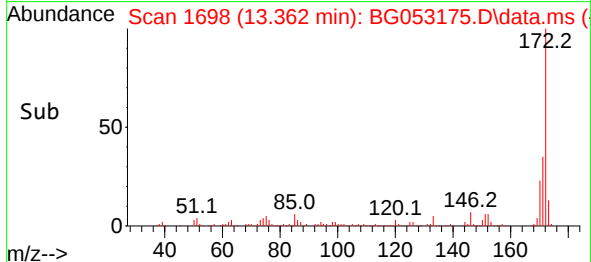
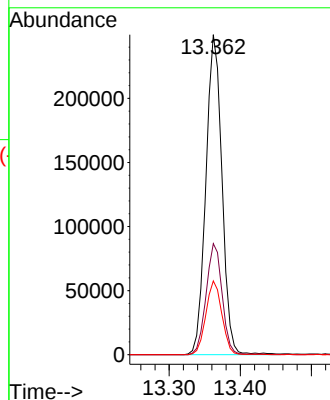
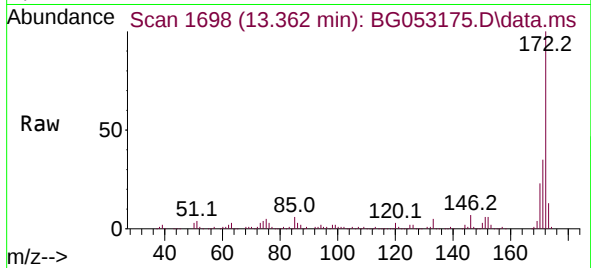




#45
2-Fluorobiphenyl
Concen: 64.867 ng
RT: 13.362 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

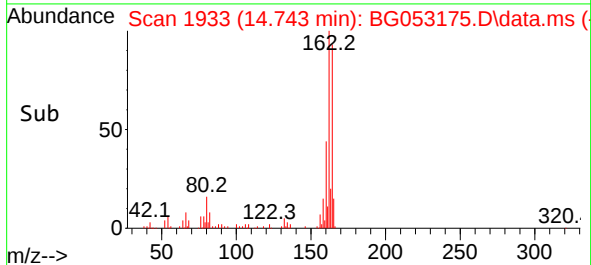
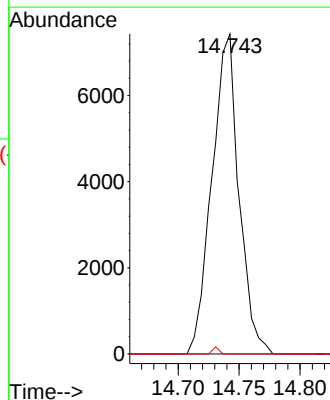
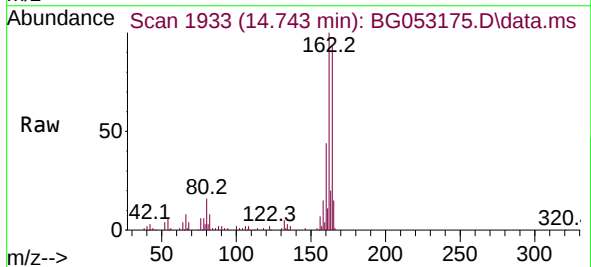
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BNA_G
ClientSampleId :
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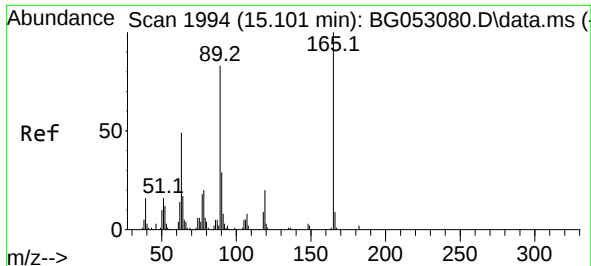
Tgt Ion:172 Resp: 393432
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.1 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 8.194 ng
RT: 14.743 min Scan# 1933
Delta R.T. 0.429 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

Tgt Ion:165 Resp: 11435
Ion Ratio Lower Upper
165 100
63 0.0 43.7 65.5#
89 0.0 45.0 67.4#

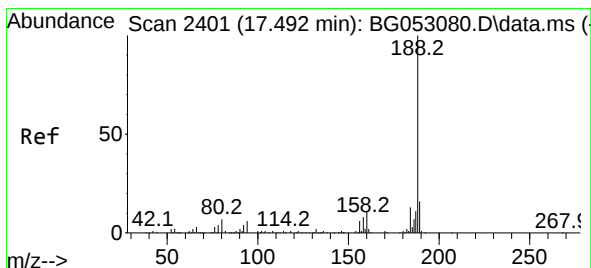
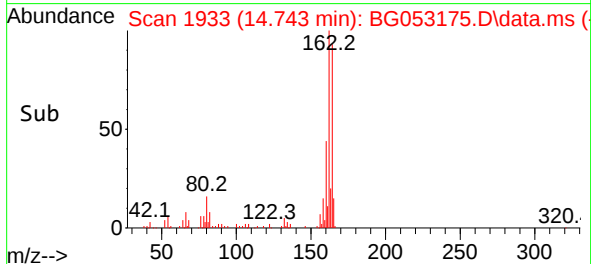
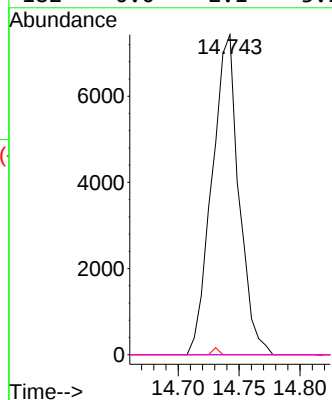
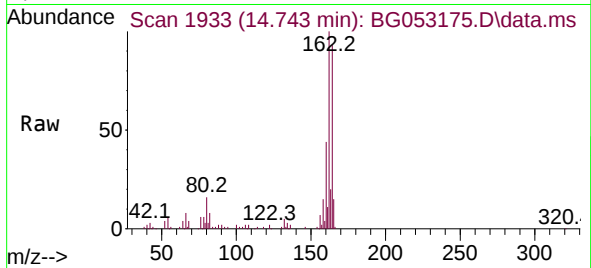




#57
2,4-Dinitrotoluene
Concen: 5.755 ng
RT: 14.743 min Scan# 1994
Delta R.T. -0.358 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

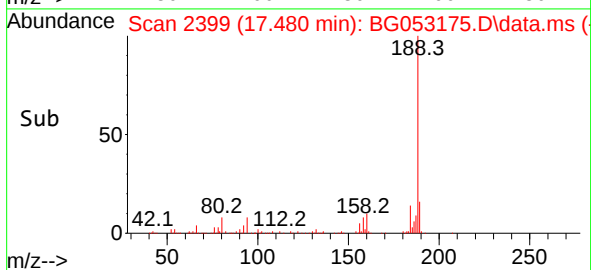
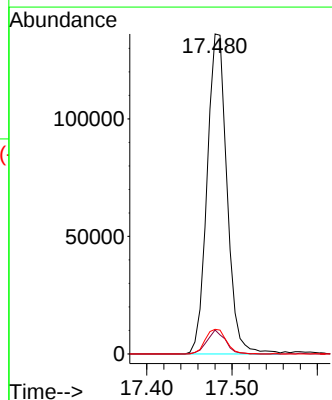
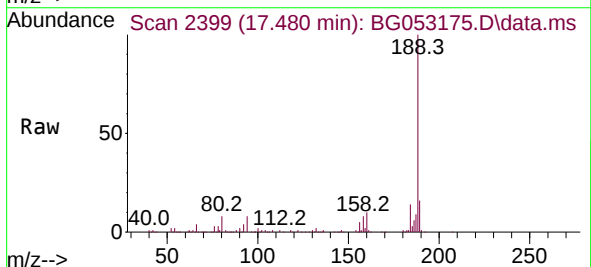
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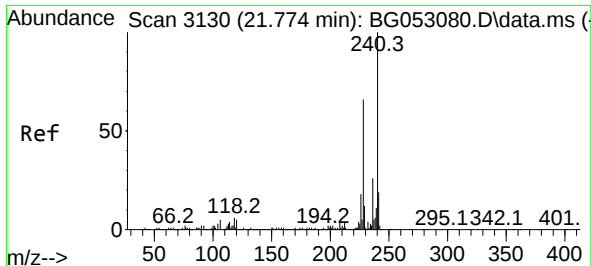
Tgt Ion:165 Resp: 11435
Ion Ratio Lower Upper
165 100
63 0.0 34.8 52.2#
89 0.0 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.480 min Scan# 2399
Delta R.T. -0.012 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

Tgt Ion:188 Resp: 220678
Ion Ratio Lower Upper
188 100
94 7.5 5.7 8.5
80 7.7 7.2 10.8

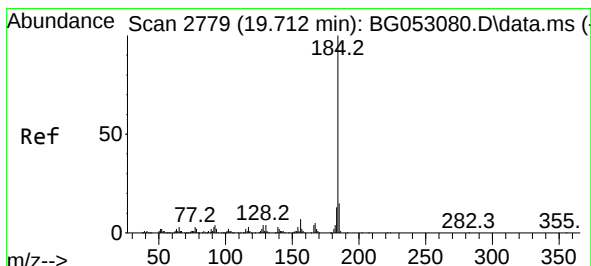
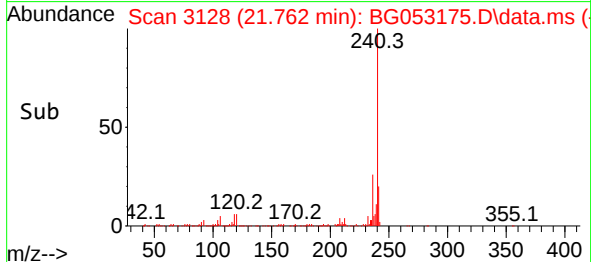
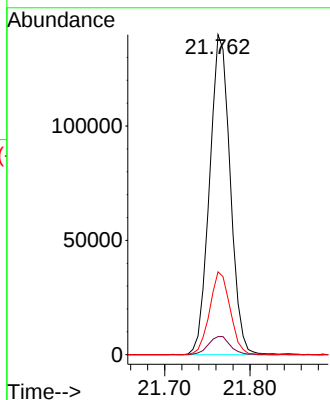
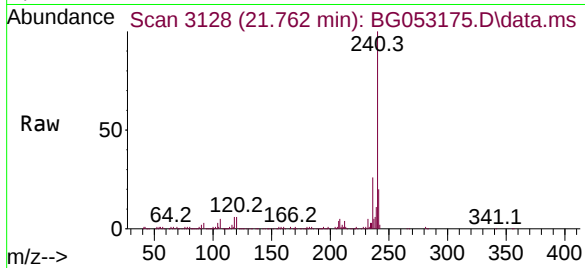




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.762 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

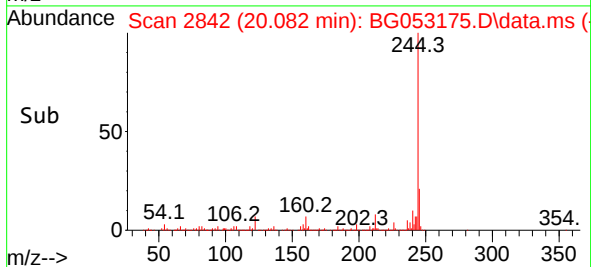
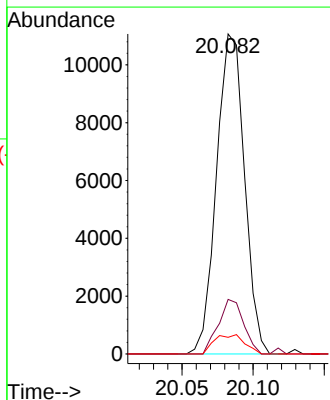
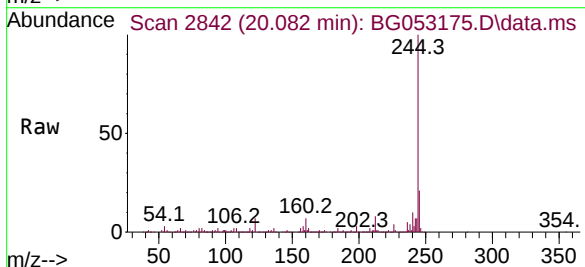
Instrument :
BNA_G
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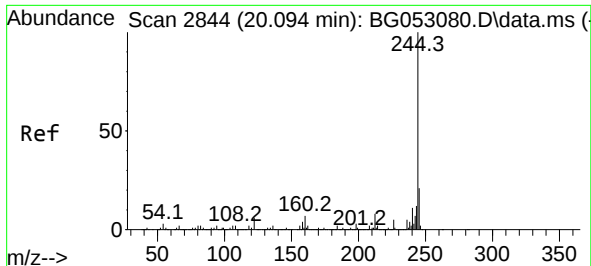
Tgt Ion:240 Resp: 235569
Ion Ratio Lower Upper
240 100
120 5.6 5.4 8.0
236 25.9 19.8 29.6



#77
Benzidine
Concen: 2.248 ng
RT: 20.082 min Scan# 2842
Delta R.T. 0.370 min
Lab File: BG053175.D
Acq: 15 Apr 2022 21:54

Tgt Ion:184 Resp: 15112
Ion Ratio Lower Upper
184 100
185 17.0 11.5 17.3
183 5.2 9.4 14.2#

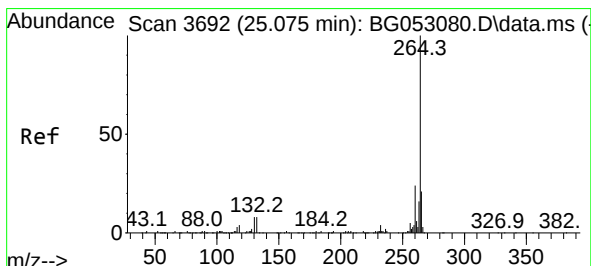
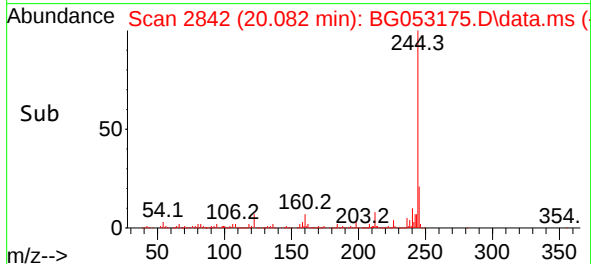
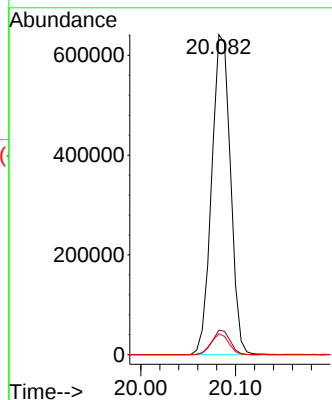
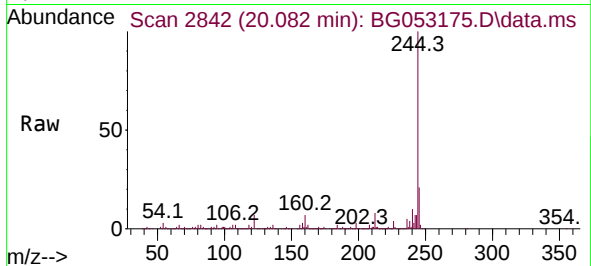




#79
 Terphenyl-d14
 Concen: 63.287 ng
 RT: 20.082 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BG053175.D
 Acq: 15 Apr 2022 21:54

Instrument :
 BNA_G
 ClientSampleId :
 RECOVERED-CRUSHED-AGG

Tgt Ion:244 Resp: 882735
 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: 25.064 min Scan# 3690
 Delta R.T. -0.012 min
 Lab File: BG053175.D
 Acq: 15 Apr 2022 21:54

Tgt Ion:264 Resp: 251438
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.2 27.2
 265 20.5 15.1 22.7

