

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042922\
 Data File : BG053379.D
 Acq On : 29 Apr 2022 16:23
 Operator : CG/JU
 Sample : N2577-05RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BLIND-DUPLICATE-4-25-22

Quant Time: May 02 01:03:01 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)

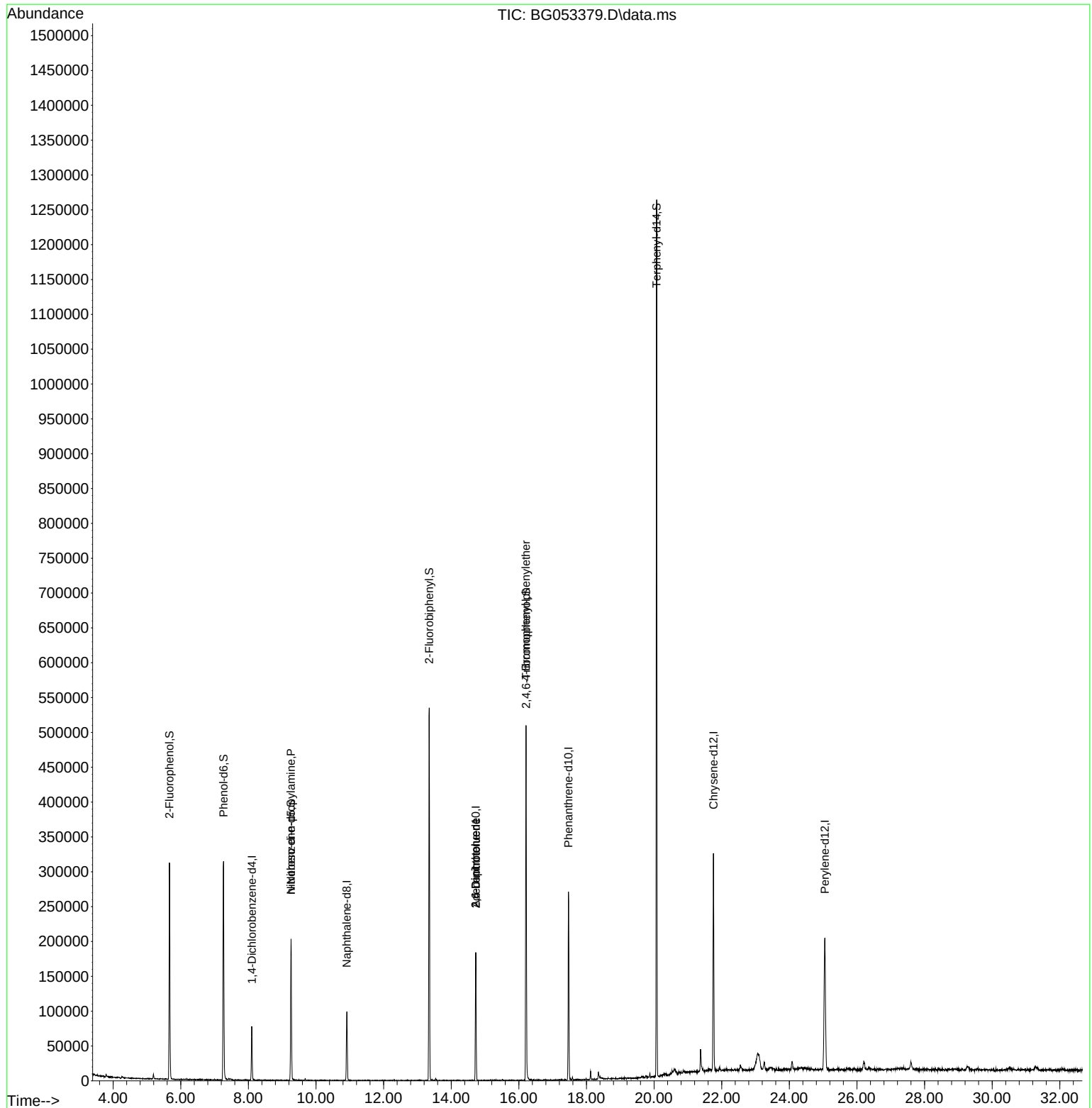
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	21770	20.000	ng	0.00
21) Naphthalene-d8	10.912	136	86093	20.000	ng	0.00
39) Acenaphthene-d10	14.725	164	67087	20.000	ng	0.00
64) Phenanthrene-d10	17.468	188	180256	20.000	ng	-0.01
76) Chrysene-d12	21.756	240	206348	20.000	ng	0.00
86) Perylene-d12	25.052	264	208612	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.667	112	126961	99.970	ng	0.00
7) Phenol-d6	7.264	99	184130	94.018	ng	0.00
23) Nitrobenzene-d5	9.262	82	128692	60.694	ng	-0.01
42) 2,4,6-Tribromophenol	16.217	330	105492	98.838	ng	0.00
45) 2-Fluorobiphenyl	13.350	172	285394	58.660	ng	0.00
79) Terphenyl-d14	20.076	244	669675	54.811	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.262	70	18673	13.023	ng	# 77
51) 2,6-Dinitrotoluene	14.725	165	8674	7.749	ng	# 28
57) 2,4-Dinitrotoluene	14.725	165	8674	5.443	ng	# 27
67) 4-Bromophenyl-phenylether	16.211	248	7119	3.082	ng	# 1

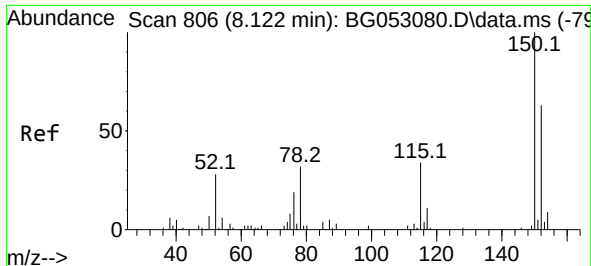
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

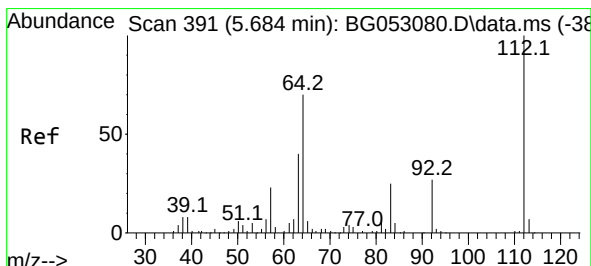
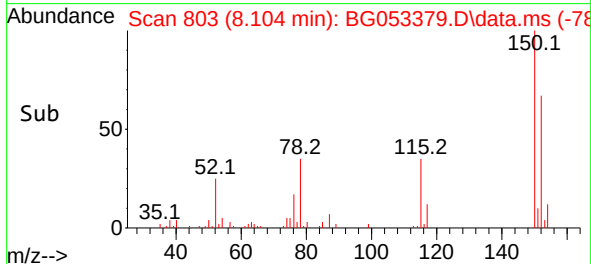
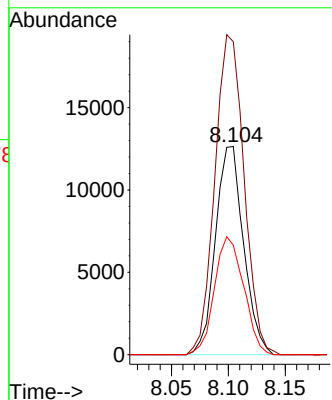
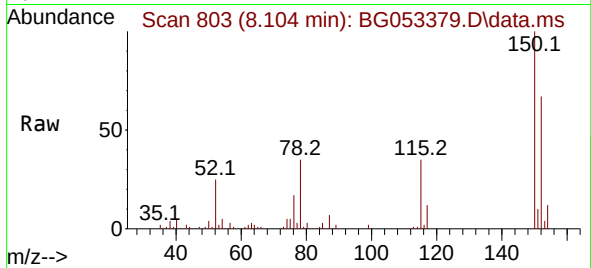




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.104 min Scan# 806
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

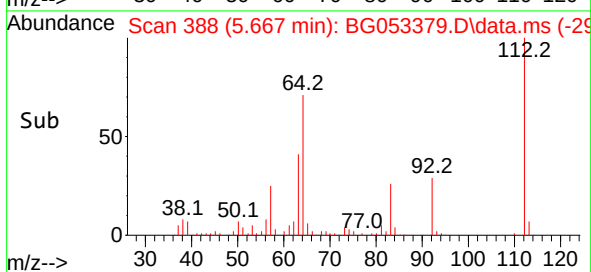
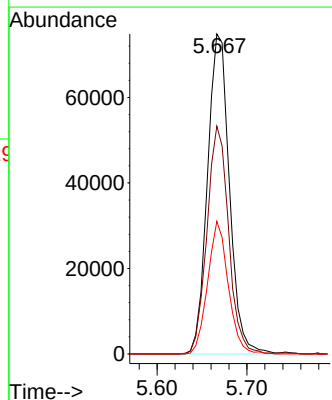
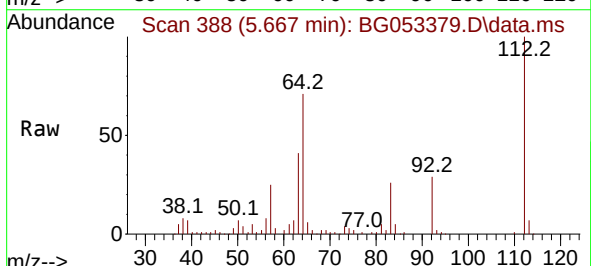
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE-4-25-22

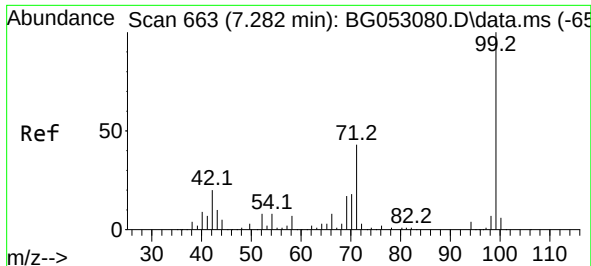
Tgt Ion:152 Resp: 21770
Ion Ratio Lower Upper
152 100
150 150.3 114.6 172.0
115 52.7 45.9 68.9



#5
2-Fluorophenol
Concen: 99.970 ng
RT: 5.667 min Scan# 388
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

Tgt Ion:112 Resp: 126961
Ion Ratio Lower Upper
112 100
64 71.2 48.0 72.0
63 41.4 26.5 39.7#

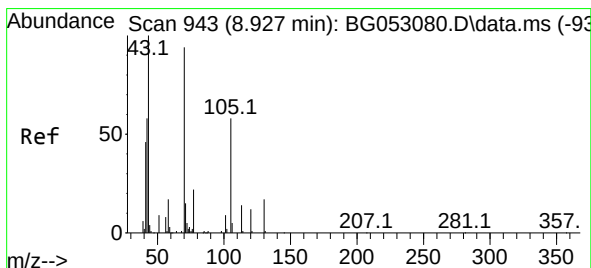
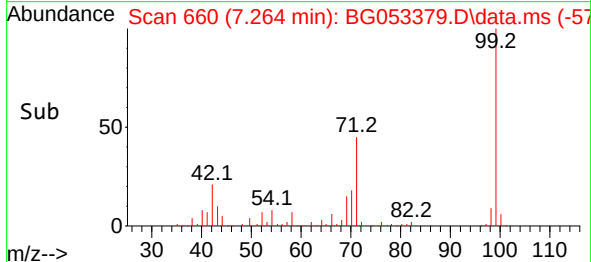
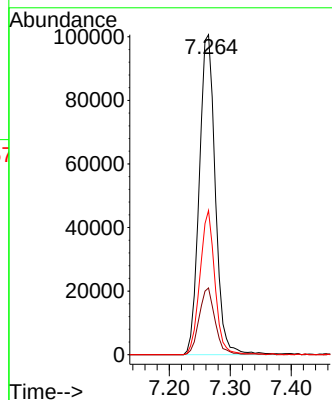
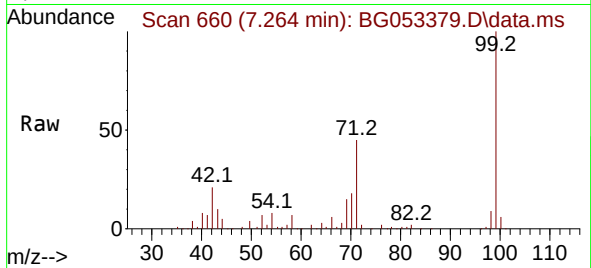




#7
Phenol-d6
Concen: 94.018 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

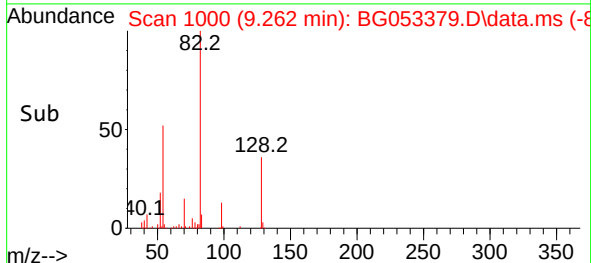
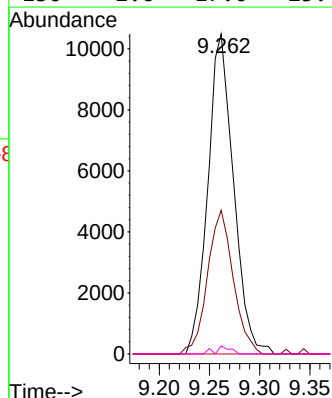
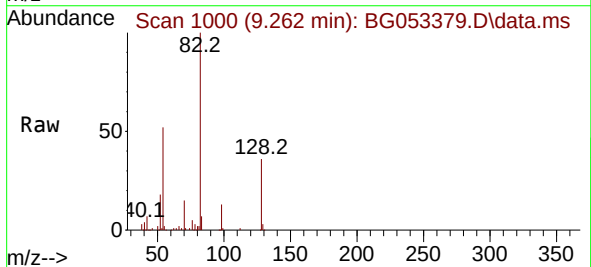
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE-4-25-22

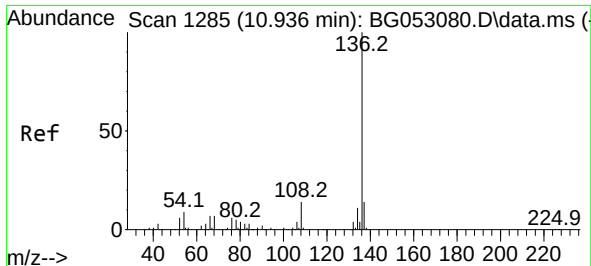
Tgt Ion: 99 Resp: 184130
Ion Ratio Lower Upper
99 100
42 20.9 14.7 22.1
71 45.0 29.2 43.8#



#19
n-Nitroso-di-n-propylamine
Concen: 13.023 ng
RT: 9.262 min Scan# 1000
Delta R.T. 0.349 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

Tgt Ion: 70 Resp: 18673
Ion Ratio Lower Upper
70 100
42 44.8 46.0 69.0#
101 0.0 6.2 9.4#
130 2.6 17.0 25.4#

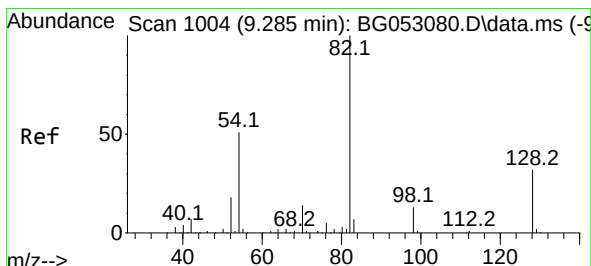
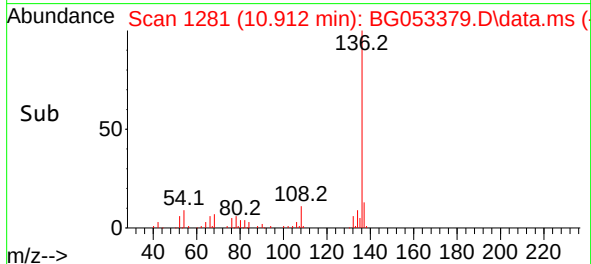
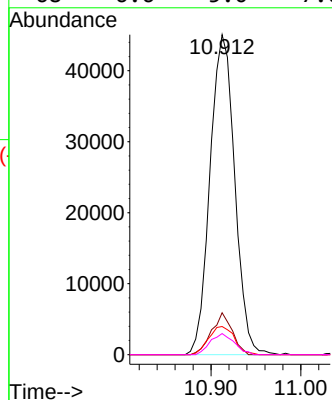
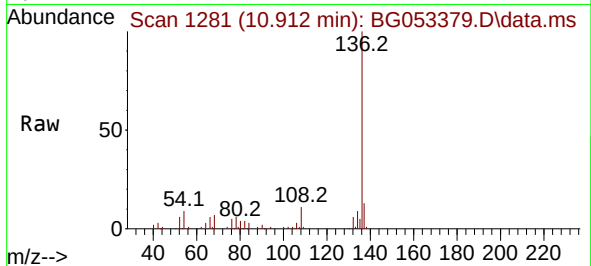




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.912 min Scan# 1000
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

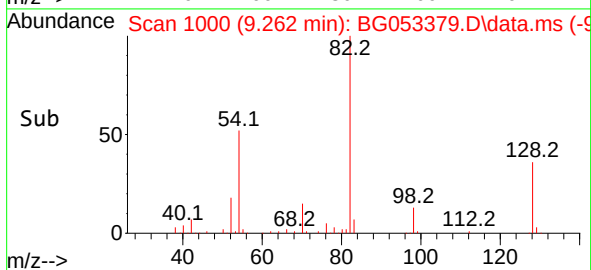
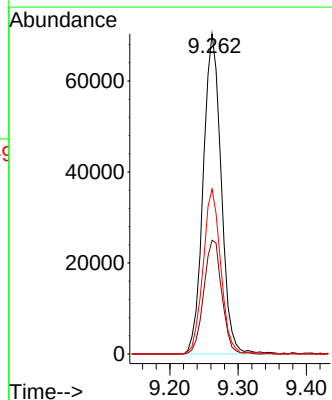
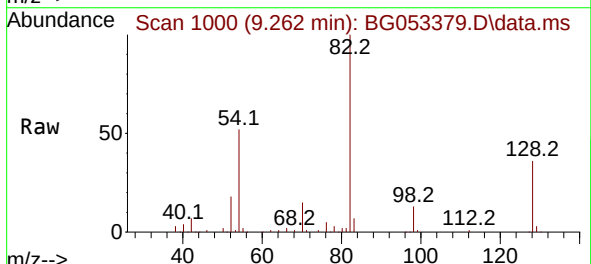
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE-4-25-22

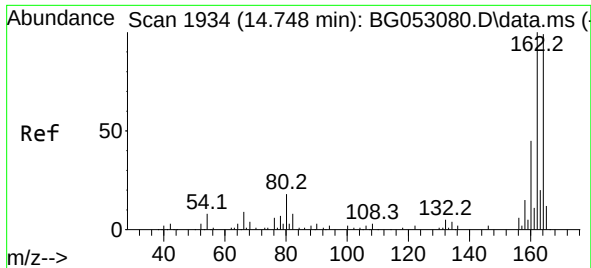
Tgt Ion:136	Resp:	86093
Ion Ratio	Lower	Upper
136	100	
137	13.1	9.4 14.2
54	8.8	6.4 9.6
68	6.6	5.0 7.6



#23
Nitrobenzene-d5
Concen: 60.694 ng
RT: 9.262 min Scan# 1000
Delta R.T. -0.015 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

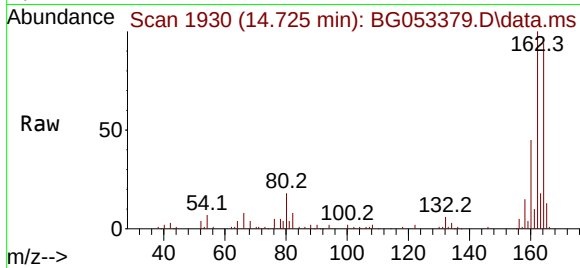
Tgt Ion: 82	Resp:	128692
Ion Ratio	Lower	Upper
82	100	
128	35.6	31.3 46.9
54	51.5	37.8 56.8



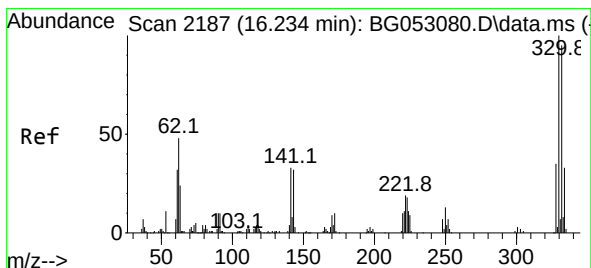
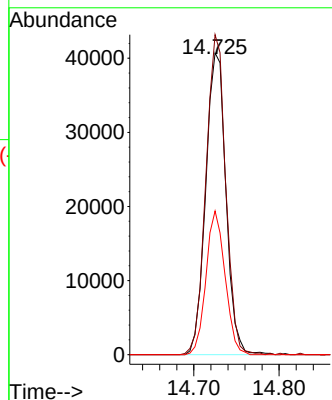
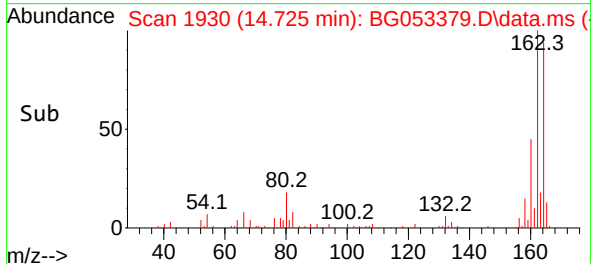


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

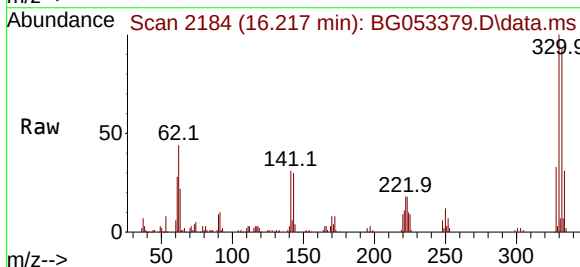
Instrument :
BNA_G
ClientSampleId :
BLIND-DUPLICATE-4-25-22



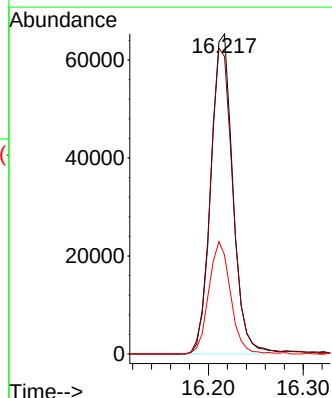
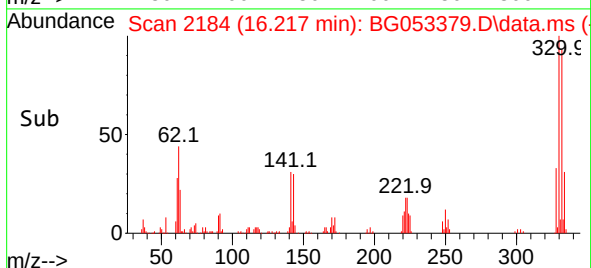
Tgt Ion:164 Resp: 67087
Ion Ratio Lower Upper
164 100
162 106.1 80.0 120.0
160 47.6 38.8 58.2

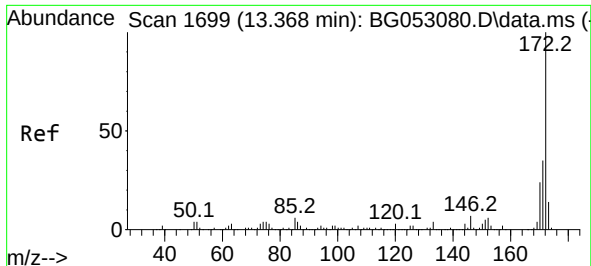


#42
2,4,6-Tribromophenol
Concen: 98.838 ng
RT: 16.217 min Scan# 2184
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23



Tgt Ion:330 Resp: 105492
Ion Ratio Lower Upper
330 100
332 98.2 75.8 113.6
141 34.8 24.6 36.8

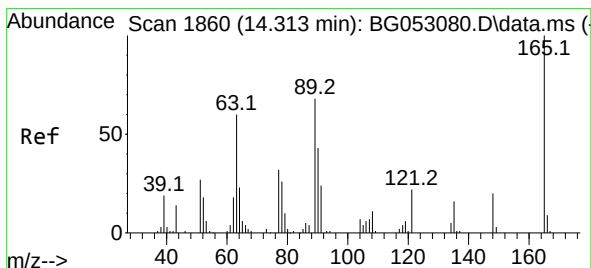
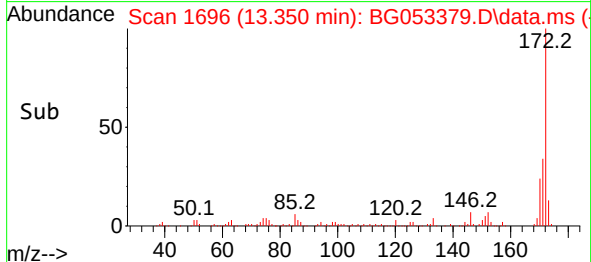
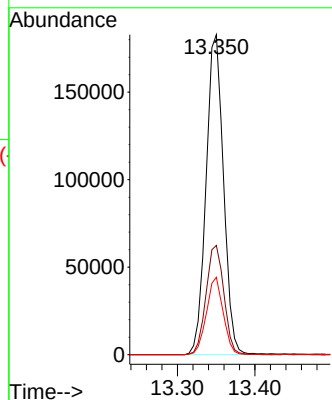
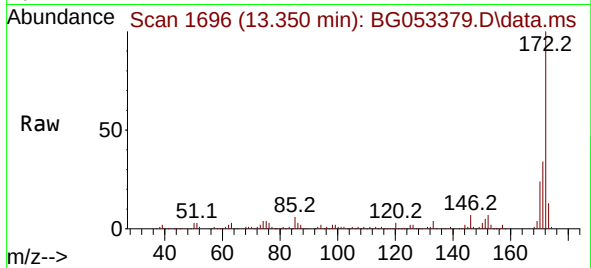




#45
2-Fluorobiphenyl
Concen: 58.660 ng
RT: 13.350 min Scan# 1
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

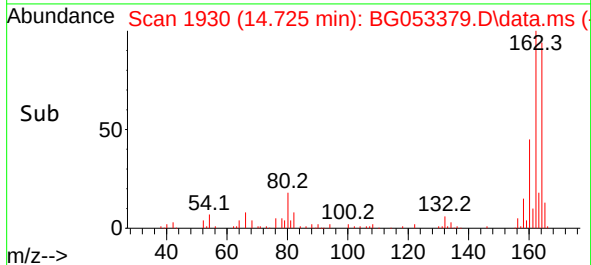
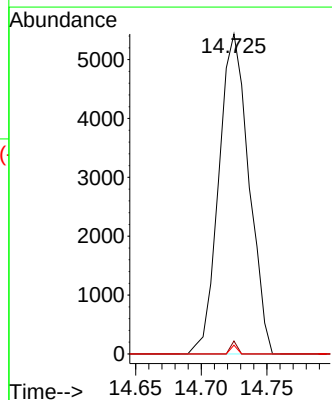
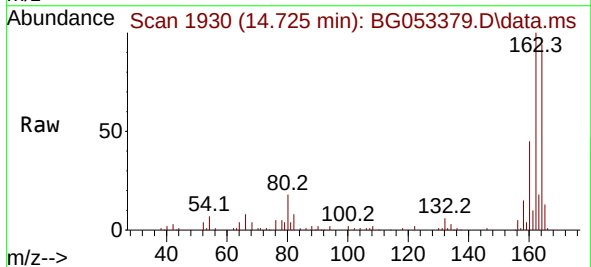
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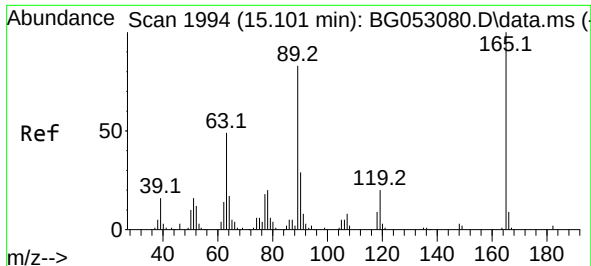
Tgt Ion:172 Resp: 285394
Ion Ratio Lower Upper
172 100
171 34.1 28.3 42.5
170 24.2 18.0 27.0



#51
2,6-Dinitrotoluene
Concen: 7.749 ng
RT: 14.725 min Scan# 1930
Delta R.T. 0.420 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

Tgt Ion:165 Resp: 8674
Ion Ratio Lower Upper
165 100
63 4.1 43.7 65.5#
89 2.8 45.0 67.4#

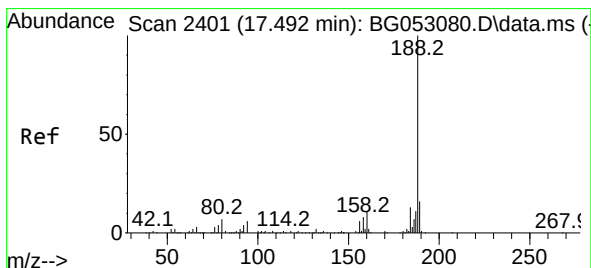
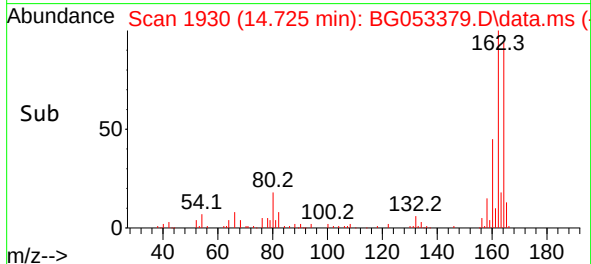
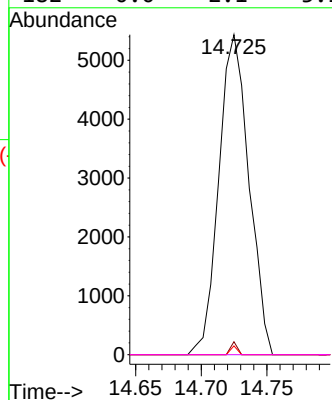
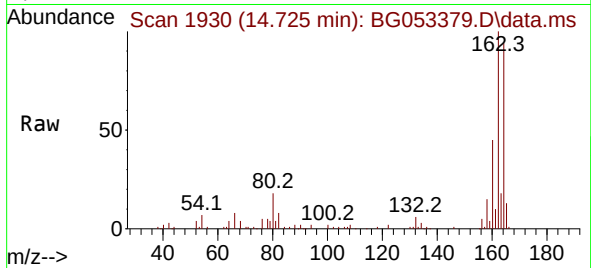




#57
2,4-Dinitrotoluene
Concen: 5.443 ng
RT: 14.725 min Scan# 1930
Delta R.T. -0.367 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

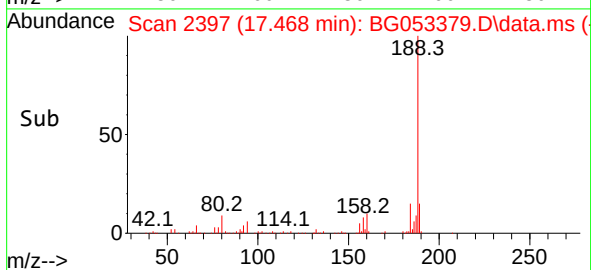
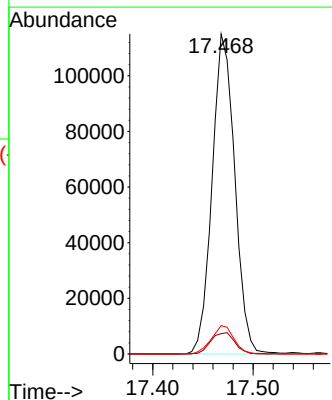
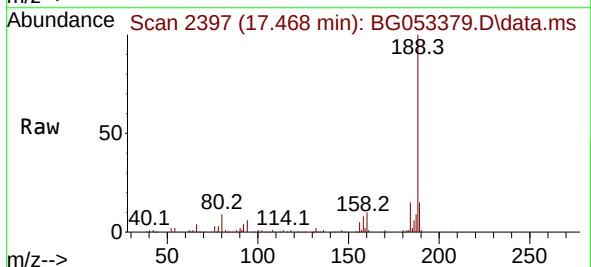
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BLIND-DUPLICATE-4-25-22

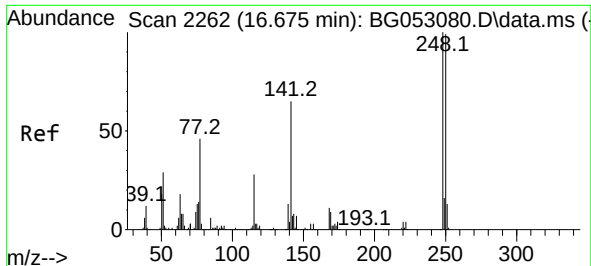
Tgt Ion:165 Resp: 8674
Ion Ratio Lower Upper
165 100
63 4.1 34.8 52.2#
89 2.8 57.4 86.0#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.468 min Scan# 2397
Delta R.T. -0.015 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

Tgt Ion:188 Resp: 180256
Ion Ratio Lower Upper
188 100
94 6.4 5.7 8.5
80 8.9 7.2 10.8

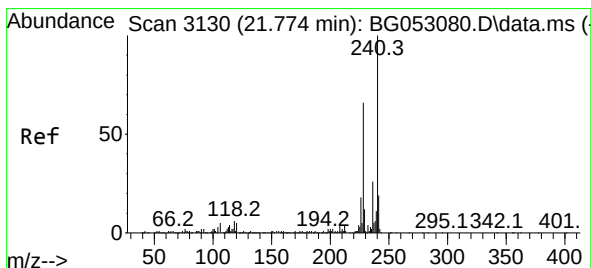
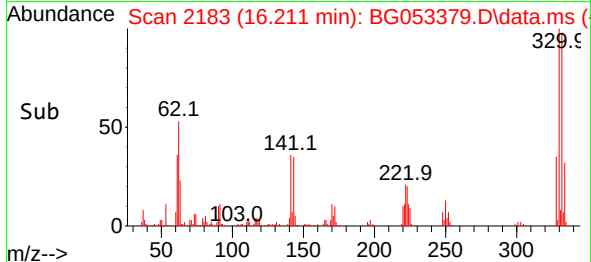
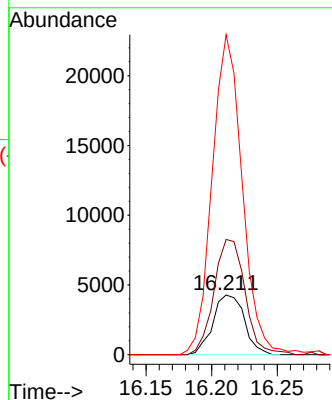
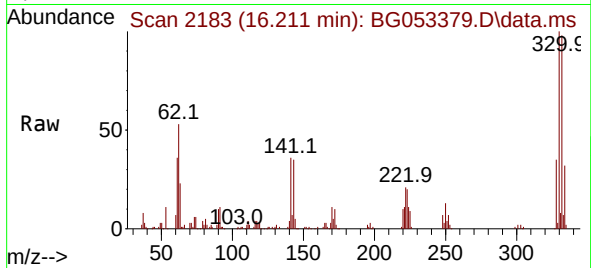




#67
4-Bromophenyl-phenylether
Concen: 3.082 ng
RT: 16.211 min Scan# 2119
Delta R.T. -0.450 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

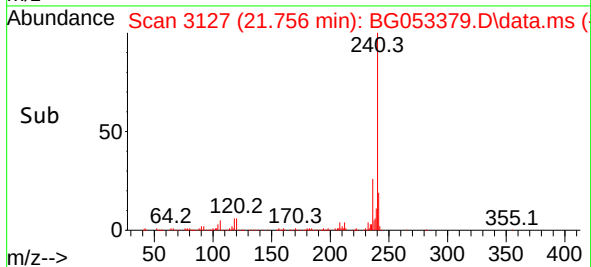
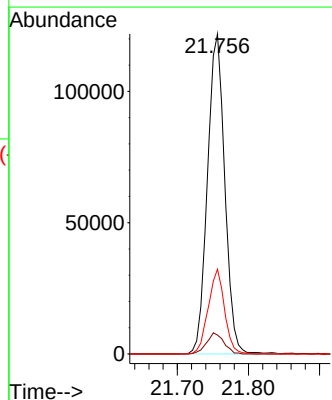
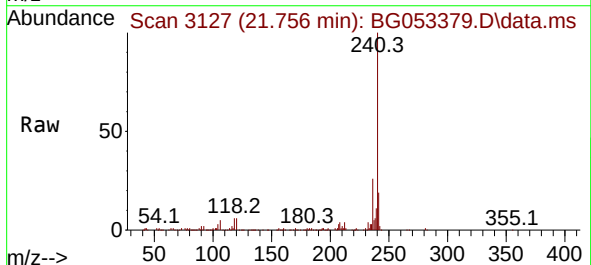
Instrument :
BNA_G
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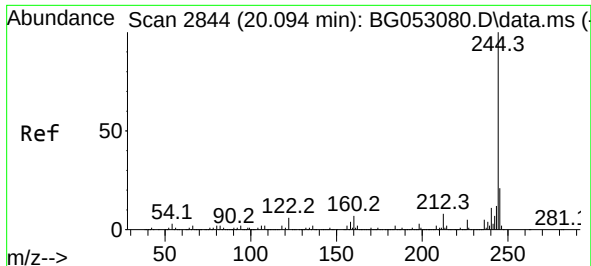
Tgt Ion:248 Resp: 7119
Ion Ratio Lower Upper
248 100
250 192.8 77.9 116.9#
141 535.9 49.2 73.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.756 min Scan# 3127
Delta R.T. -0.009 min
Lab File: BG053379.D
Acq: 29 Apr 2022 16:23

Tgt Ion:240 Resp: 206348
Ion Ratio Lower Upper
240 100
120 5.9 5.4 8.0
236 26.5 19.8 29.6

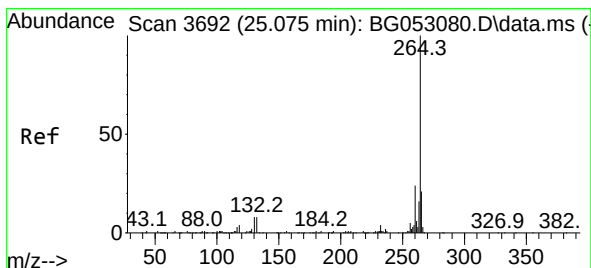
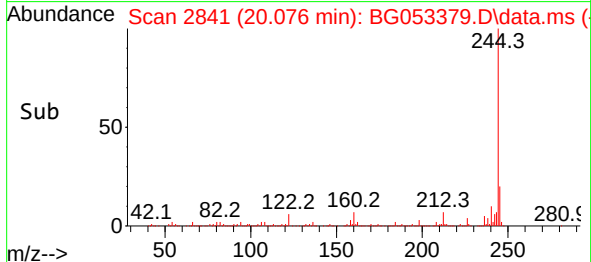
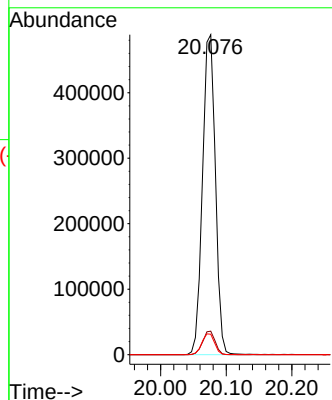
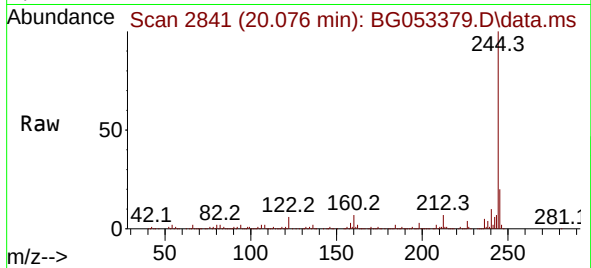




#79
 Terphenyl-d14
 Concen: 54.811 ng
 RT: 20.076 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG053379.D
 Acq: 29 Apr 2022 16:23

Instrument :
 BNA_G
 ClientSampleId :
 BLIND-DUPLICATE-4-25-22

Tgt Ion:244 Resp: 669675
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 6.4 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.052 min Scan# 3688
 Delta R.T. -0.009 min
 Lab File: BG053379.D
 Acq: 29 Apr 2022 16:23

Tgt Ion:264 Resp: 208612
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.2 27.2
 265 22.1 15.1 22.7

